NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Boundary Modification Report

4/19/2010

Site Code: 442001 **Site Name:** Old Troy Municipal Incinerator
City: Brunswick **Town:** Brunswick
Region: 4 **County:** Rensselaer
Current Classification: 03 **Proposed Classification:** 03 – **Boundary Modification**
Estimated Size (acres): 53.77 **Extra Details:** Landfill
Significant Threat: Negative **Site Type:**
Priority ranking Score: 180 **Project Manager:** Randy Hough

Summary of Approvals

Supervisor: Michael Komoroske: **04/08/2010**

BEEI of NYSDOH: **04/07/2010**

CO Bureau Director: Bob Cozzy, Director, Remedial Bur B **04/12/2010**

Assistant Division Director: Sal Ervolina

Site Description

The Old Troy Municipal Incinerator site is located in a moderately populated area in the Town of Brunswick, Rensselaer County, New York. The site is coincident with the former Troy municipal landfill property. The parcel size is 56 acres, of which approximately 35 acres may be impacted from the historical use.

The property is currently vacant land, with the predominant features being the aged, exposed fill materials, and landfill like appearance of the site. Remnants of the incinerator building are present in the northwest section of the site. The majority of the site is over grown and wooded.

The site is bound by the steep face of the fill material, a wet area, and further on, a residential development surrounding the Lansingburgh Reservoir to the north, Oakwood Avenue (Rt 40) to the west, Farrel Road to the south and agricultural lands to the east. The northern section including a seep area , forms a small stream draining into the Lansingburgh Reservoir, a seep to a swampy area which flows south into a pond, drains the western side, this combines into an unnamed tributary of the Hudson River draining the southern portion, and an intermittent channel drains the western side of the site. The nearest residential dwelling is located approximately 300 feet from the site.

Prior use of the site from 1947 to 1962 was for the disposal of residues from the incinerator operation located here. The incinerator was located in the northwest section of the property, and reportedly operated inefficiently. In addition, after the incinerator closed, the site was used until 1969 for municipal and industrial waste disposal. Both the incinerator and landfill operations may have contributed to site contamination. Indications are that unknown quantities of halogenated hydrocarbons generated by Paris Cleaners were disposed at the site from 1966 to 1969 and that 1.5 tons of paint waste scrapings from Garden Way

Site Code: 442001 **Site Name:** Old Troy Municipal Incinerator

Manufacturing were disposed there every year from 1962 to 1969. There are records that the incinerator processed 2,000 tons of waste from the General Electric Company's Silicone Products facility in Waterford, NY. These wastes included regular trash (98%) and a sludge containing heavy metals, organic chemicals and paint (2%).

Phase I and II Investigations were performed in 1983 and 1985 respectively. Various media sampling was conducted between 1985 and 1996. In 1999 the site data was reviewed and evaluated. Based upon the fact that none of the reported wastes (F001 Halogenated Solvents or D008 Paint Wastes) disposed at the site were detected in any media it was determined that the detected contamination at the site were due to hazardous substance disposal, not hazardous waste. This resulted in a reclassification to a class 3 and adding the site to the Hazardous Substance Disposal Site Study inventory.

In January, 2005 a state superfund work assignment was prepared to further determine the nature and extent of the contamination and to identify additional site activities required.

The Site Characterization Work Plan was developed and executed in the summer and fall of 2005. The activities included groundwater monitoring well installation, and the sample collection and analysis of subsurface soil, groundwater, surface water, sediment, surficial soil, and drinking water.

The draft site characterization report was submitted in early 2006. The results confirmed the historical disposal of the F001 and D008 wastes at the site. Groundwater was found to be contaminated well above SCGs by metals and aromatic and chlorinated volatile compounds.

Surfacewater has been impacted above SCGs by the leaching of metals from the site fill material.

Surface and subsurface soils within the former landfill footprint and co-mingled with the fill material have been impacted by metals, volatiles, semi-volatiles and pesticides. There is a significant amount (320,000 cubic yards) of metals rich incinerator ash disposed in one section of the landfill. This area also contains the volatiles contamination.

Additional site characterization activities were implemented in August of 2007. The additional field investigation was designed to further define the nature and extent of the contamination, and determine if the contaminants in the surface water and groundwater are being mobilized off-site.

The final Site Characterization report was completed in Novenber 2008. A determination has been made that the site in it's current conditions does represent a significant threat to human health and the environment.

Contaminants of Concern (Including Materials Disposed)	**Quantity Disposed**
OU 01	
AROMATIC HYDROCARBONS (F001)	0.00
PAINT WASTES (SCRAPINGS (D008)	0.00

Analytical Data Available for : Groundwater, Surface Water, Soil, Sediment

Applicable Standards Exceeded for: Groundwater, Surface Water

Site Code: 442001 **Site Name:** Old Troy Municipal Incinerator

Site Environmental Assessment

Groundwater, surface water / sediment and soil contamination at this site has been confirmed during the Remedial Investigation. On-site groundwater is contaminated with volatile aromatic hydrocarbons (Total BTEX of ~ 120,000 ug/l), and to a lesser extent by solvents (CVOCs ~ 8,0000 ug/l) their degradation products and by metals. The groundwater volatiles and metals contamination is above the class GA and Drinking Water standards. The volatiles groundwater and subsurface soil contamination appears to be primarily confined to the site. However, the discovery of the groundwater contamination helps explain the random historical hits for VOCs in surface water samples. Surface water / sediments, and surficial soils are contaminated above applicable standards primarily by metals. The surficial soils have been impacted by localized random dumping. The surface water and sediments are affected by groundwater leachate seeps and to a lesser extent by run-off.

The landfill portion of the site is underlain by a clay aquitard which combined with site hydrology, and other factors such as the reducing groundwater conditions, appears to be containing the contaminants of concern on-site. The presence on the site of large quantities of iron in the ash materials and as corroded scrap iron, combined with other metals which may be acting as catalysts, has resulted in the degradation of both the aromatic and chlorinated volatiles contamination. Degradation products detected in the groudwater include cyclohexane from the BTEX and TCE, 1,2-DCE and vinyl chloride from the CVOCs.

The absence of the volatiles contamination at the groundwater leachate seeps, indicates that, inadvertently the presence of so much iron in the subsurface at the site is acting as a permeable reactive barrier.

The presence of some much iron is also causing much of the heavy metals contamination in the groundwater to be precipitated out at the leachate seeps once it emerges at the surface, and is thus also acting to contain these contaminants on-site.

There were no site related contaminants in any media which exceeded SCGs beyond the site boundary.

Site Health Assessment

The general site area is served with public water, however a private water supply well is present on an adjoining property. This well was reportedly installed for potential future development of the adjacent parcel, however this well is not currently used as a source of potable water. Areas of exposed fill are present on the site and although the site is heavily vegetated, site access is not restricted. Additionally, future residential development is likely on an adjacent property and the potential for future development of a portion of the site exists. Additional on-site and off-site data is necessary to evaluate potential exposures.

Remedy Description and Cost

Remedy Description for Operable Unit 01

The site is part of the Hazardous Substance Disposal Site Study. A determination has been made that the current conditions at the site do not represent a significant threat to human health and the environment.

4/19/2010

Site Code: 442001 **Site Name:** Old Troy Municipal Incinerator

Total Cost

OU	Site Management Plan Approval:	Status:

Basis for Classification Change

Basis for Boundary Modification:

The innocent property owner has requested a Site Boundary Modification to remove 2.7 acres along Oakwood Avenue from the 56.47 acre site for possible re-development. The Department conducted limit investigation in this area during the recent Site Characterization and did not find any indications of waste disposal. Owner has recently completed a focused Site Characterization (edocs document: report.hw442001.2009-08-31.Site_Characterization_for Boundary Modification.pdf)which indicates that no hazardous substances/wastes were disposed in this area. DEC and DOH concur with these findings based upon review of this report. There are various piles of asphalt and concrete in the southern portion of this area, which were associated with historical road work along Oakwood Avenue. The owner has agreed to remove these piles from this area during grubbing activities. The Department will be notified of these activities. A survey along with a metes and bounds description has been completed for this 2.7 acre section. The boundary modification request has been approved (edocs document: letter.hw442001.2010-04-12.Site_Boundary Modification Approval.pdf).

Supporting Documentation

- Copy of the C. T. Male, December 9, 2009 letter requesting the Site Boundary Modification on behalf of MATOPATO, LLC (Thomas Murley - site owner)
- Metes and Bounds Description of area to be removed from the site
- Figure 1: Old Troy Municipal Incinerator – showing the Site Boundary Modification area
- Figure 2: Old Troy Municipal Incinerator – showing the sampling locations
- NYSDOH Concurrence Letter 4-7-10
- Adjacent Property Owners Map - Partial Site Contact List
- "Site Characterization Report, Site Boundary Modification, Old Troy Municipal Incinerator Site #442001", August 31, 2009, prepared by C.T. male Associates, P.C.

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

December 9, 2009

Mr. Randy Hough
Project Manager
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7013

RE: Meets & Bounds Description
Site Boundary Modification
Old Troy Municipal Incinerator Site
Town of Brunswick, Rensselaer County
Site No. 4-42-001

Dear Mr. Hough:

C.T. Male Associates, P.C. (C.T. Male), on behalf of MATOPATO, LLC, has prepared a description (as enclosed) for the lands subject to this request for a Site Boundary Modification (SMB). The portion of the site subject to a SBM is approximately 2.7 acres located within the northeastern corner of the property generally bound by Oakwood Avenue to the west, a utility right-of-way to the north, a steep downward embankment to the east, and the current access road onto the site to the south. A site plan map showing the approximate boundary of the subject lands is presented as Figure 1.

If you have any questions or require additional information, please contact the undersigned at 518.786.7502.

Respectfully submitted,

C.T. MALE ASSOCIATES, P.C.

Kirk Moline
Managing Geologist

Attachments

c: Thomas Murley, P.E.

ATTACHMENT B

C.T. MALE ASSOCIATES, P.C.

DESCRIPTION
PORTION OF LANDS NOW OR FORMERLY OF
THOMAS MURLEY
TOWN OF BRUNSWICK, COUNTY OF RENSSELAER, STATE OF NEW YORK
AREA = 2.7± ACRES OF LAND

All that certain tract, piece or parcel of land situate, lying and being in the Town of Brunswick, County of Rensselaer, State of New York, lying generally Southeasterly of Oakwood Avenue being shown on a map entitled, "Map Of Troy Waterworks And Adjacent Lands," dated June 30, 1966, prepared by Richard Danskin, Land Surveyor, Troy, NY, and being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common line between the lands herein described on the South and the lands now or formerly of Niagara Mohawk Power Corporation on the North with the Southeasterly margin of Oakwood Avenue and runs thence from said point of beginning along said common line North 77 deg. 45 min. East, a distance of 270.55 feet to a point; thence through the lands of Murley the following two (2) courses: 1) South 26 deg. 55 min. West, a distance of 646.85 feet to a point; and 2) North 63 deg. 05 min. West, a distance of 209.00 feet to a point on the aforementioned Southeasterly margin of Oakwood Avenue; thence along said Southeasterly margin the following two (2) courses: 1) North 26 deg. 55 min. East, a distance of 437.09 feet to a point; and 2) North 25 deg. 46 min. East a distance of 38.91 feet to the point or place of beginning and containing 2.7± acres of land.

Subject to any covenants, easements, or restrictions of record.

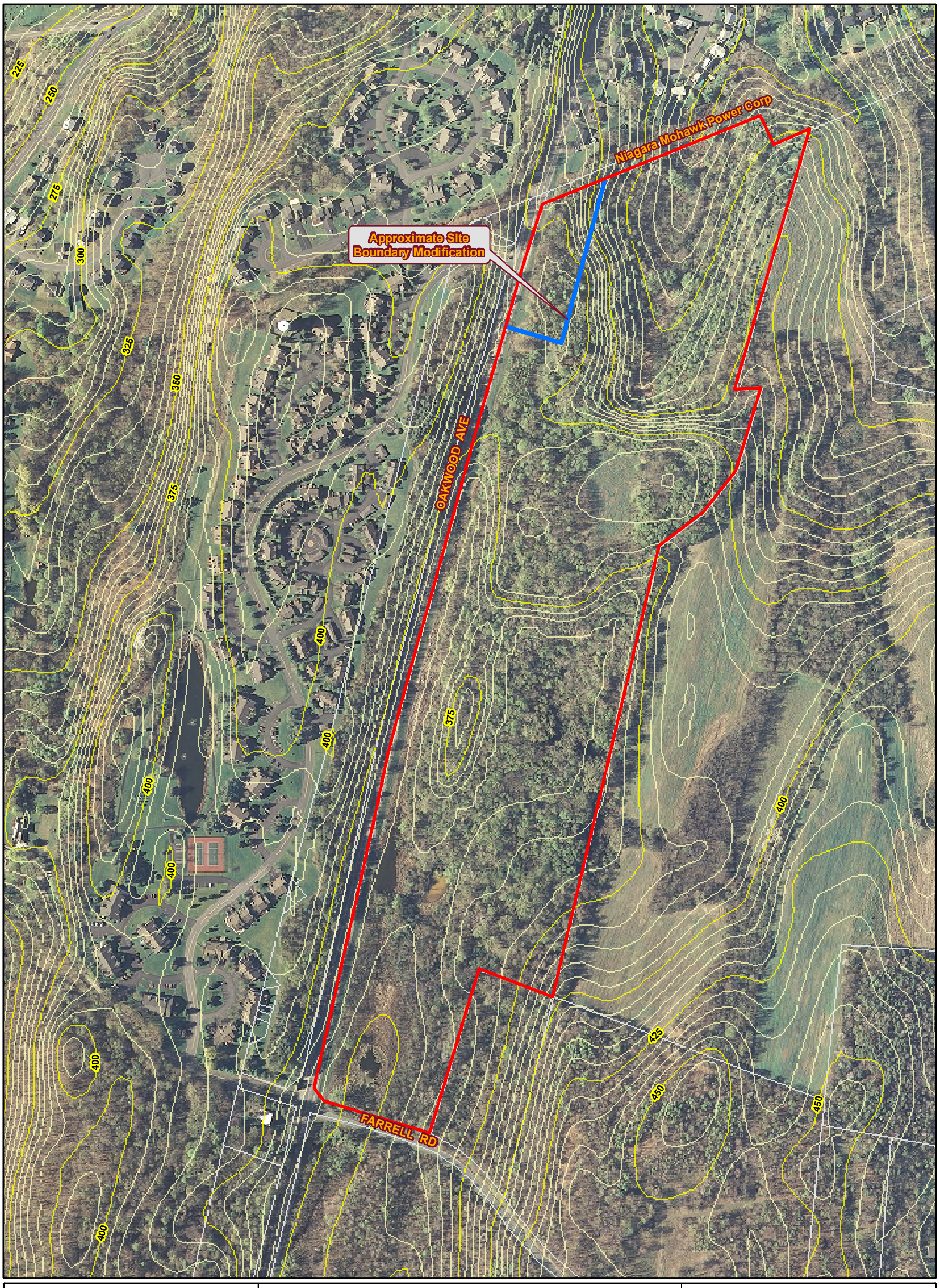
This description is being prepared in accordance with the mentioned above map entitled "Map of Troy Waterworks and Adjacent Lands."

STATE OF NEW YORK
ROBERT N. STEWART
49426
LICENSED LAND SURVEYOR

C.T. MALE ASSOCIATES, P.C.

Robert N. Stewart, PLS

December 8, 2009
RNS/jam/amb
C.T. Male Project No. 09.9256



0 150 300 600 Feet

Map Note:
1. Aerial Photography (One Foot Resolution) was Flown in Spring of 2007.
2. 5' Contours are interpolated From USGS 7.5 Minute DEM (10x10m data spacing) and Are considered as approximate.

Project Number: 09.9256
Data Source: NYSGIS Clearinghouse, Rensselaer County
Projection: State Plane NAD83 NYE (feet)

Figure 1: Old Troy Municipal Incinerator Site

Town of Brunswick — Rensselaer County, New York

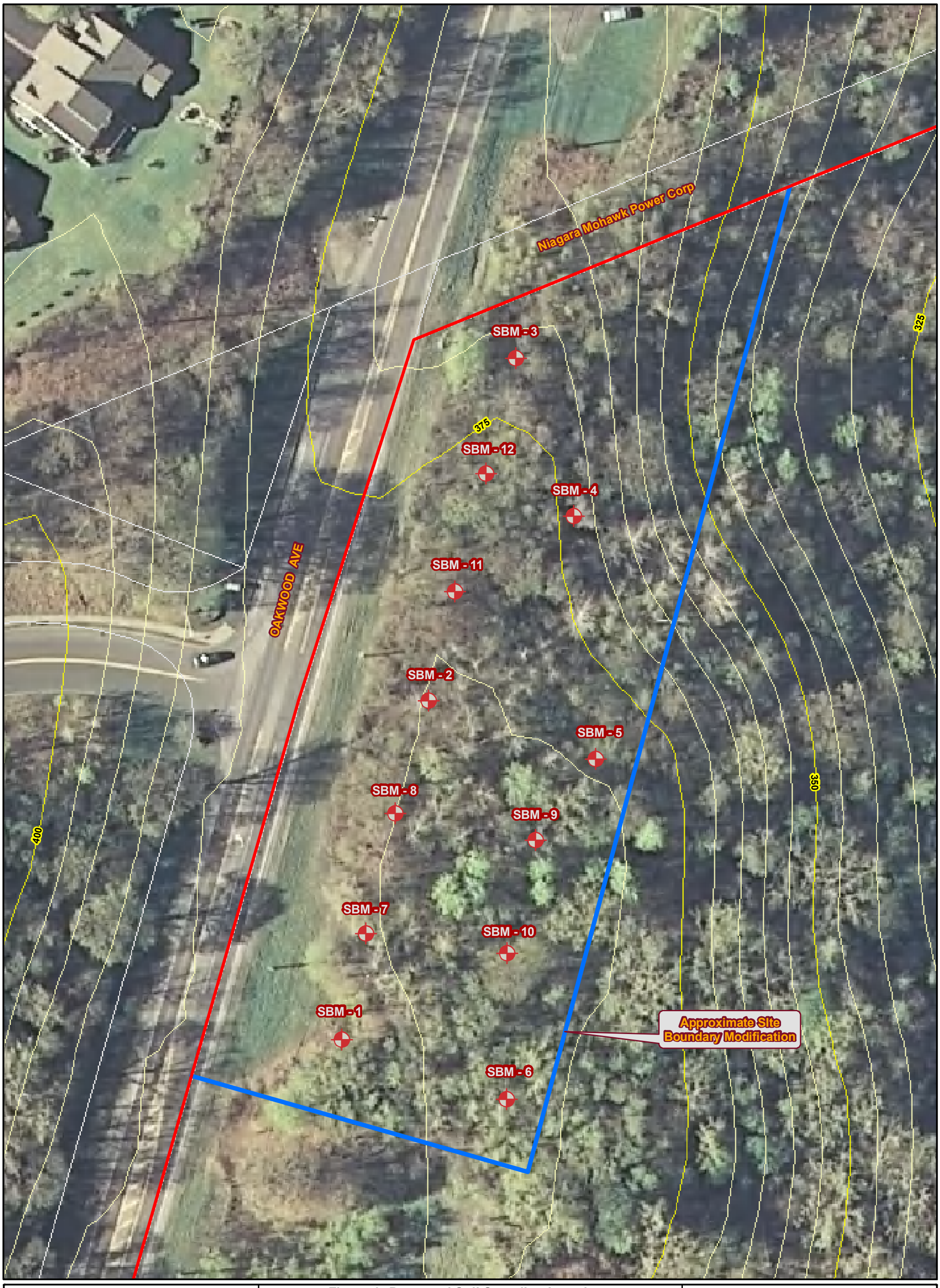
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, LATHAM, NEW YORK 12110
(518) 786-7400 * FAX (518) 786-7299 * WWW.CTMALE.COM
Architecture * Building Systems Engineering * Civil Engineering *
Environmental Services * Geographic Information Services (GIS) *
Land Development * Land Surveying
FOUNDED IN 1910

Legend

- Site Boundary Modification (Approximate)
- Project Site Boundary (Approximate)
- Brunswick Tax Parcels (2005)

N W E S

Date: June 08, 2009
File: OakwoodBlvdSite11x17.mxd
GIS: C Secor



0 25 50 100 Feet

Map Note:
1. Aerial Photography (One Foot Resolution) was Flown in Spring of 2007.
2. 5' Contours are interpolated From USGS 7.5 Minute DEM (10x10m data spacing) and Are considered as approximate.

Project Number: 09.9256
Data Source: NYSGIS Clearinghouse, Rensselaer County
Projection: State Plane NAD83 NYE (feet)

Figure 2: Proposed Soil Sampling Locations
Site Boundary Modification
Old Troy Municipal Incinerator Site

Town of Brunswick — Rensselaer County, New York

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Architecture * Building Systems Engineering * Civil Engineering *
Environmental Services * Geographic Information Services (GIS) *
Land Development * Land Surveying
FOUNDED IN 1910

Legend

SBM - 6 Proposed Test Pit Location & Number (Typ.)
Site Boundary Modification (Approximate)
Project Site Boundary (Approximate)
Brunswick Tax Parcels (2005)

N W E S

Date: JuLY 20, 2009
File: OakwoodBlvdSite11x17_FIG2.mxd
GIS: C Secor

STATE OF NEW YORK
DEPARTMENT OF HEALTH
Flanigan Square 547 River Street Troy, New York 12180-2216

Richard F. Daines, M.D.
Commissioner

James W. Clyne, Jr.
Executive Deputy Commissioner

March 24. 2010

Mr. Robert Cozzy
Remedial Bureau B
Division of Environmental Remediation
NYS Dept. Environmental Conservation
625 Broadway - 11th Floor
Albany, New York 12233-7015

Re: Site Classification Report
Old Troy Municipal Incinerator
Site #442001
Brunswick, Rensselaer County

Dear Mr. Cozzy:

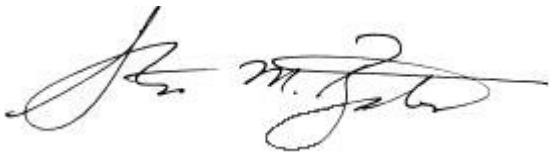
Staff reviewed the Site Investigation Information Package for the Old Troy Muncipal Incinerator site in Brunswick, Rensselaer County. Based upon that review, I understand that the New York State Department of Environmental Conservation proposes to modify the site boundary to exclude a 2.7 parcel of the 56 acre site adjacent to Oakwood Avenue (Route 40). Based on site investigations of surface and subsurface soil and test pits, no hazardous waste or site related contamination was identified on the 2.7 acre parcel and groundwater was not encountered. The subject area includes various piles of asphalt and concrete, which were associated with past road work activities. The property owner has agreed to remove these piles from this parcel.

With this information, I concur with the modification to the site boundary. The signed decision form is enclosed.

If you have any questions, please contact me at (518) 402-7860.

Enclosure

Sincerely,



Steven M. Bates, Assistant Director
Bureau of Environmental Exposure Investigation

cc: A. Salame-Alfie, Ph.D.
J. Crua/M. Schuck/File
M. Komorske/R. Hough
K Goertz/C. O'Neill
R. Elder

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ADJACENT PROPERTY OWNERS

Old Troy Municipal Incinerator Site # 442001

National Grid
300 Erie Blvd West
Syracuse, NY 13202

Thomas M. Murley P.E.
32 Hialeah Drive
Troy, NY 12182

Highpointe Recreation Assoc
c/o CYC Realty Managment
15 Old Loudon Road
Latham NY 12110

Ida Deets
1715 Lotus Drive
Orefield, PA 18069

Robert & Pamela Reeves
85 Farrell Road Ext.
Troy, NY 12182

Oakwood Bible School
260 Oakwood Ave
Troy, NY 12182
Attn: Rev. James Dujack

Justine Colley
467 Grange Road
Troy, NY 12182

Thomas M. Murley, P.E.
32 Hialeah Drive
Troy, NY 12182

Bill Bradley
398 Bald Mt. Road
Troy, NY 12180

Troy Cemetary Association
Oakwood Cemetary
50 101st Street
Troy, NY 12180
Attn: Terry Page - Prsident

SEE SECTION 080.28 1"=50'

SEE SECTION 080.66 1"=50'

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REAL PROPERTY MAP
THE USE OF THIS MAP IS FOR REAL PROPERTY TAX ADMINISTRATION PURPOSES ONLY

PREPARED FOR: RENSSELAER COUNTY LEGISLATURE, TROY, NEW YORK
ORIGINALLY PREPARED BY: COLE – LAYER – TRUMBLE CO. INC., DAYTON, OHIO
CONVERTED TO DIGITAL FORMAT BY: WEILER MAPPING, INC., HORSEHEADS, NEW YORK, JANUARY, 2003

SPECIAL DISTRICTS

TYPE	SYMBOL	CODE	NAME
FIRE		FD004 FD006	CTR. BRUNSWICK FIRE SPEIGLETOWN FIRE
LIGHT			
SCHOOL		381701	LANSINGBURG C.S.D.
SEWER		SD001	COUNTY SEWER DISTRICT NO. 1
WATER			

LEGEND

NAD83
NAD27
STATE OR COUNTY LINE
CITY,TOWN OR VILLAGE LINE
ROAD OR RAILROAD R/W
EASEMENT R/W LINE
PROPERTY LINE
WATER
LAND HOOK
PATENT OR REALTY LOT LINE
PATENT OR REALTY LOT NO. 36 OR (1)
SECTION-BLOCK-LOT-NO. 001.00- 1 -100

AREA (FROM DEED) 1.50Ac
AREA (CALCULATED) 1.50Ac(c)
DIMENSION (FROM DEED) 16.5
DIMENSION (SCALED) 66(s)
COORDINATE-LOCATOR NO.(E800,000-N8000,000)

INTERSTATE HIGHWAY 90
U.S. HIGHWAY 8
NEW YORK STATE HIGHWAY 2
COUNTY HIGHWAY 108
BLOCK LIMIT LINE

DATE OF MAP: 08-24-76
DATE OF REVISION: 03-01-03

SCALE: 1"=400'

INDEX TO ADJOINING MAP SECTIONS

		071 00
	080 00	081 00
	090 00	091 00

TOWN OF BRUNSWICK

RENSSELAER COUNTY, NEW YORK

E 709,000-N 1,433,000 NAD 83 NY STATE PLANE COORDINATE SYSTEM, EAST ZONE, US FEET

080.00 SECTION NUMBER

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

August 31, 2009

Mr. Randy Hough
Project Manager
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7013

RE: Site Characterization Report
Site Boundary Modification
Old Troy Municipal Incinerator Site
Town of Brunswick, Rensselaer County
Site No. 4-42-001

Dear Mr. Hough:

C.T. Male Associates, P.C. (C.T. Male), on behalf of MATOPATO, LLC, has completed an environmental investigation of above referenced site relative to a Site Boundary Modification (SBM). The investigation was completed in accordance with our Site Characterization Work Plan dated July 10, 2009 as accepted by the New York State Department of Environmental Conservation (NYSDEC) on July 21, 2009.

The portion of the site subject to a SBM is approximately 2.5 acres and is located within the northwestern corner of the property. The SBM location is generally bound by Oakwood Avenue to the west, a utility right-of-way to the north, a steep downward embankment and the concrete remains of the incinerator to the east, and the current access road onto the site to the south. A site plan map showing the approximate boundary of the subject lands is presented as Figure 1.

As discussed during our May 13, 2009 meeting at your office, further characterization of soils, beyond that completed as a function of the Site Characterization under the New York State Superfund Program, was required for a Site Boundary Modification. This report presents the results and conclusions relative to the investigations completed to further document the environmental status of the subject portion of the Old Troy Municipal Incinerator (OTMI) site.

Project Background

The Old Troy Municipal Incinerator site is approximately 50 acres, 30 acres of which were occupied by the incinerator and associated landfill. The site is identified on the

County of Rensselaer, Town of Brunswick Tax Map Number 80.00, Section 2, Parcel 2. The site is listed in the NYS Registry of Inactive Hazardous Waste Sites (Site No. 4-42-001). The landfill was purportedly used from approximately 1947 to 1969. The site is currently zoned "Industrial" by the Town of Brunswick.

The site has been the subject of various environmental reviews dating back to 1976, the most recent being reported in November 2008 which was provided to C.T. Male for review. According to the report entitled: "Site Characterization Report for the Old Troy Municipal Incinerator Site" Site No. 4-42-001, Brunswick, New York, as prepared by others for the DEC, the purpose of the most recent site evaluation was to:

- Confirm the presence of contamination and determine if it is migrating off-site;
- Examine the risks of contamination;
- Evaluate groundwater flow, and the influence of the bedrock topography on groundwater movement, and
- Aid in determining the need for a Remedial Investigation/Feasibility Study (RI/FS).

As indicated in the 2008 Site Characterization Report, limited investigation of the area subject to the SBM was completed mainly because there was little indication that this portion of the site was subject to filling when site was operated as a landfill. The investigations completed within or in close proximity to the subject area included the collection and laboratory analysis of two (2) surface soil samples, one (1) subsurface soil sample, three (3) groundwater samples from one (1) monitoring well, and two (2) soil gas samples. Figure 2.9 from the Site Characterization Report shows the approximate locations of the various media samples. A summary of the analytical findings for these select samples is presented below.

Surface Soil (Sample ID# SS-01 and SS-04): These samples were analyzed for Target Compound List (TCL) semi-volatile organic compounds (SVOC), pesticides, PCBs and Target Analyte List (TAL) metals including mercury and cyanide. The report concludes that although there were a few minor detections of SVOCs and metals in the samples, none were detected at concentrations above their respective soil cleanup objective values as established in NYCRR Part 375-6, for Restricted Commercial Use.

Subsurface Soil SB-05 (4' to 4.5'): The sample was analyzed for Target Compound List (TCL) of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOC), pesticides and PCBs. The report indicates there were no volatile organic

compounds, pesticides and PCBs detected above the laboratory detection limit, and one (1) SVOC was detected at a concentration below its respective soil cleanup objective value as established in NYCRR Part 375-6, for Restricted Commercial Use.

Monitoring Well (OTMI MWBR-01): This is a bedrock monitoring well installed south of the Site Boundary Modification area, and is the closest groundwater monitoring point to the proposed site boundary. There were no volatile organic compounds detected in the groundwater sample above the laboratory method detection limits. A few metals were detected in the groundwater above regulatory groundwater standards, namely iron, manganese, and selenium.

Soil Vapor (SV-1 and SV-2): Soil vapor samples were collected from two points in the vicinity of the site Boundary Modification area. SV-1 was collected to the south of the proposed boundary, along Oakwood Avenue, and SV-2 was collected north of the proposed boundary, within the utility right-of-way. The report states the following in regard to the soil vapor results: "The presence of volatile hazardous wastes in the subsurface soils and groundwater necessitates the need for continued evaluation of the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified." As the proposed SBM is considered to be part of the "site", future development on the SBM area will need to consider these conclusions.

Sampling Locations and Methods

The area subject to the Site Boundary Modification is shown in Figure 1. Reconnaissance of the area suggests soil type materials, other than those associated with the former incinerator, have been deposited on the site. This material is characterized by the various mounds of material, most prevalent within the southeastern section of the SBM area. Placement of the material appears to be greater than 10 years ago as fairly mature trees are growing out of many of the piles. According to the site owner, a long time resident of the area, much if not all of the material is associated with a road construction project along Oakwood Avenue and other road projects in the area.

To evaluate the composition of the various piles and to supplement the investigations already completed within the SBM area, the following scope of work was completed. The overall intent of the investigation was to determine if various piles of materials are composed of road construction debris or other general soil fill that would not necessitate special handling/disposal requirements, and that native soils are not

impacted by wastes of similar characteristics to that which was disposed of in the other portions of the OTMI site.

Soil Piles

The material piles were excavated with a back hoe to determine their composition. The excavated materials were screened with a Photoionization Detector (PID) for evidence of volatile organic compounds. Organoleptic perception (i.e. sight and smell) was also used to assess the piles of materials. Samples from the piles were not planned to be collected for laboratory analysis unless subjective evidence of contamination (i.e. unusual odors, stained soils, discolored soils, etc.) was noted.

Surface Soils

Twelve (12) surface soil sampling points were established over the proposed 2.5-acre SBM area as depicted in Figure 2. The sampling points are designated SBM-1 to SBM-12. The sampling points were slightly altered to account for physical obstructions in the field. The actual locations were determined utilizing a Garman 60 CSX Global Positioning System unit. Surface soil samples were collected from 0 to 2 inches below the ground surface (bgs) or vegetative root zone, or below the base of surface soil piles if present at the sampling location.

Exploratory Test Pits

At six (6) of the 12 locations (SBM-1 through SBM-4, SBM-6 and SBM-9) exploratory test pits were also completed. Location SBM-5 was originally planned to be sampled; however, bedrock was encountered at less than 2 feet below grade so SBM-9 was selected as an alternative location. Subsurface soil samples were collected from various intervals below grade for laboratory analysis. The selection of the subsurface sample interval for laboratory analysis was made on the basis of subjective observations of impacts to the soils. A rubber tire backhoe was used to excavate the test pits.

Sample Analysis

Based on the analytical results of previous sampling conducted during the NYSDEC Site Characterization investigation, and requirements set forth by the NYSDOH, all surface and subsurface soil samples were analyzed for TCL semi-volatile organic compounds, pesticides and PCBs, and TAL metals. TCL volatile organic compounds were not included as the previous investigations have not identified this group of

compounds being site related contaminants of concern. As groundwater was not encountered in any of the test pits it was not collected for laboratory analysis. The samples were analyzed at an ELAP certified laboratory (Chemtech of Mountainside, NJ) which generated ASP Category B Data Deliverable Packages. Quality Assurance/Quality Control (QA/QC) samples were collected along with the media samples.

Findings

Subsurface Conditions

Each exploratory test pit encountered bedrock at relatively shallow depths, ranging from 1.8 feet below ground surface (bgs) at SBM-5 to 5.2 feet bgs at SBM-6. The soils above bedrock were generally consistent, composed primarily of native silt with varying percentages of sand, gravel, clay and weathered bedrock fragments. No evidence of fill type materials (i.e. concrete, brick, ash, cinders, trash, etc.) was noted in the subsurface soils explored. Individual Test Pit Logs for each location are presented in Attachment A. Groundwater was not encountered at any test pit location within the depths explored.

Samples of the soils encountered within the test pits were collected for volatile organic compound (VOC) screening. The results of the screening are presented in the Organic Vapor Headspace Analysis Logs in Attachment B. As presented, slightly elevated VOC readings above background levels were recorded at SMB-2; however, there were no subjective indications (soil staining or petrochemical odor) of impacts noted in the soils.

Soil Piles

Nine (9) surface soil piles (SP-1 through SP-9) were investigated with the back hoe at the locations shown in Figure 2. The piles of materials were located predominantly within the southern portions of the site. As presented in the Surface Soil Sampling Log (Attachment C), the piles were composed predominantly of sand and gravel with some silt, and minor percentages of asphalt, concrete, brick, scrap metal (Soil Pile 4 only), and slag (3 of 9 locations).

Representative samples of the soil pile materials were collected for VOC screening. As presented in the Surface Pile Sampling Logs (Attachment C), VOCs were detected at Soil Piles 1 and 2 at levels slightly above background ambient level. There were no

subjective indications (i.e. soil staining or petrochemical odors) of impacts noted in the excavated materials.

Analytical Results for Surface and Subsurface Soils

The analytical results for surface soil samples and subsurface soil samples from the test pits are presented in the attached analytical result tables in Attachment D. The results are tabulated by the parameter groups of concern (i.e. SVOCs, PCBs, Pesticides and Metals). All of the analytical results have been compared to the 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objective (SCO) values.

In summary, several SVOCs were detected in the samples, a few of which do not have an associated SCO value per 6NYCRR Part 375 regulations. For those SVOCs with a SCO, each was below its respective Unrestricted Use value in both the surface and subsurface soil samples.

There were no Pesticides detected in any of the surface and subsurface samples above the laboratory method detection limits.

One (1) surface soil sample (SBM-6) revealed a detection of PCBs. Aroclor 1260 was detected at a concentration of 0.055 parts per million (ppm), below its Unrestricted Use value of 0.1 ppm. PCBs were not detected above the laboratory detection limit in any of the subsurface soil samples.

Of the 23 metals included in the analysis, three (3) were detected above the Unrestricted Use SCO values. Zinc was detected above its SCO at SBM-11 (surface soil), mercury only at SBM-9 (surface soil), and lead at SBM-6 and SBM-9 (surface soil). There were no metals detected above the Unrestricted Use SCOs in any of the subsurface soil samples.

Analytical Results for Soil Piles

Based on the visual composition of the soil piles, and absence of subjective evidence of impacts (other than some of the material being asphalt, concrete, brick and metal and slag), samples of the piles were not collected for laboratory analysis.

Discussion of Findings

This investigation was completed in accordance with the NYSDEC accepted Work Plan dated July 10, 2009. The results of the investigation did not reveal physical or chemical evidence that incinerator ash or cinder type wastes were deposited within the portion of the site currently contemplated for a Site Boundary Modification.

The test pits completed within the site revealed bedrock at relatively shallow depth, generally less than 5 feet below ground surface. Deleterious type materials were not observed in the soils below grade. Groundwater was not present in the soils above bedrock.

The piles of materials found primarily within the southern sections of the subject site were composed of natural soil materials mixed in with lesser percentages of asphalt, concrete and brick. Scrap metal was noted in one pile, and a little slag in another. The use of slag in roadway and sidewalk construction in Troy and surrounding areas is well documented. Troy Slag Products located in the South Troy Industrial Park has processed and sold iron slag from the former Burden Iron Works/Republic Steel site for decades. The presence of the concrete, asphalt, brick and slag in the piles supports the report that the materials making up the piles were generated from various road work projects in the area.

In review of the analytical data, only the surface soil samples contained a minor number of compounds and/or analytes at concentrations above the 6NYCRR Part 375 Unrestricted Use SCO values. None of these compounds and/or analytes were detected above Unrestricted Use SCOs in subsurface soils.

The site is currently zoned for industrial use by the Town of Brunswick. The analytical results for the Site Characterization completed by the NYSDEC were compared to the 6NYCRR Part 375 Restricted Commercial Use SCO values. Comparison of the analytical results for the samples collected for this investigation indicates all of the compounds and analytes included in the analyses are below the Restricted Commercial Use SCO values.

Based on the findings of this investigation, the approximate 2.5 acres of the Old Troy Municipal Incinerator site subject to this Site Boundary Modification have not been impacted by incinerator type wastes as found on other portions of the OTMI site.

Furthermore, the semi-volatile organic compounds and metals detected in samples at concentrations above the limits of laboratory detection are present at concentrations below the 6NYCRR Part 375 "Restricted Commercial Use" Soil Cleanup Objective values.

A separate letter of intent, with a meets and bounds description of the lands to be subdivided will be submitted requesting a site boundary modification.

If you have any questions or require additional information, please contact the undersigned at 518.786.7502.

Respectfully submitted,

C.T. MALE ASSOCIATES, P.C.



Kirk Moline
Managing Geologist

Attachments: Figures

Attachment A:	Individual Test Pit Logs
Attachment B:	Organic Vapor Headspace Analysis Logs
Attachment C:	Surface Soil Sampling Logs
Attachment D:	Analytical Results Summary Tables
Attachment E:	Photos and Photographic Log (Soil Piles)
Attachment F:	Laboratory Analysis Report (CD)

c: Thomas Murley, P.E.

FIGURES



0 25 50 100 Feet

Map Note: 1. Aerial Photography (One Foot Resolution) was Flown in Spring of 2007.
2. 5' Contours are interpolated From USGS 7.5 Minute DEM (10x10m data spacing) and Are considered as approximate.

Project Number: 09.9256
Data Source: NYSGIS Clearinghouse, Rensselaer County
Projection: State Plane NAD83 NYE (feet)

Figure 2: Proposed Soil Sampling Locations
Site Boundary Modification
Old Troy Municipal Incinerator Site

Town of Brunswick — Rensselaer County, New York

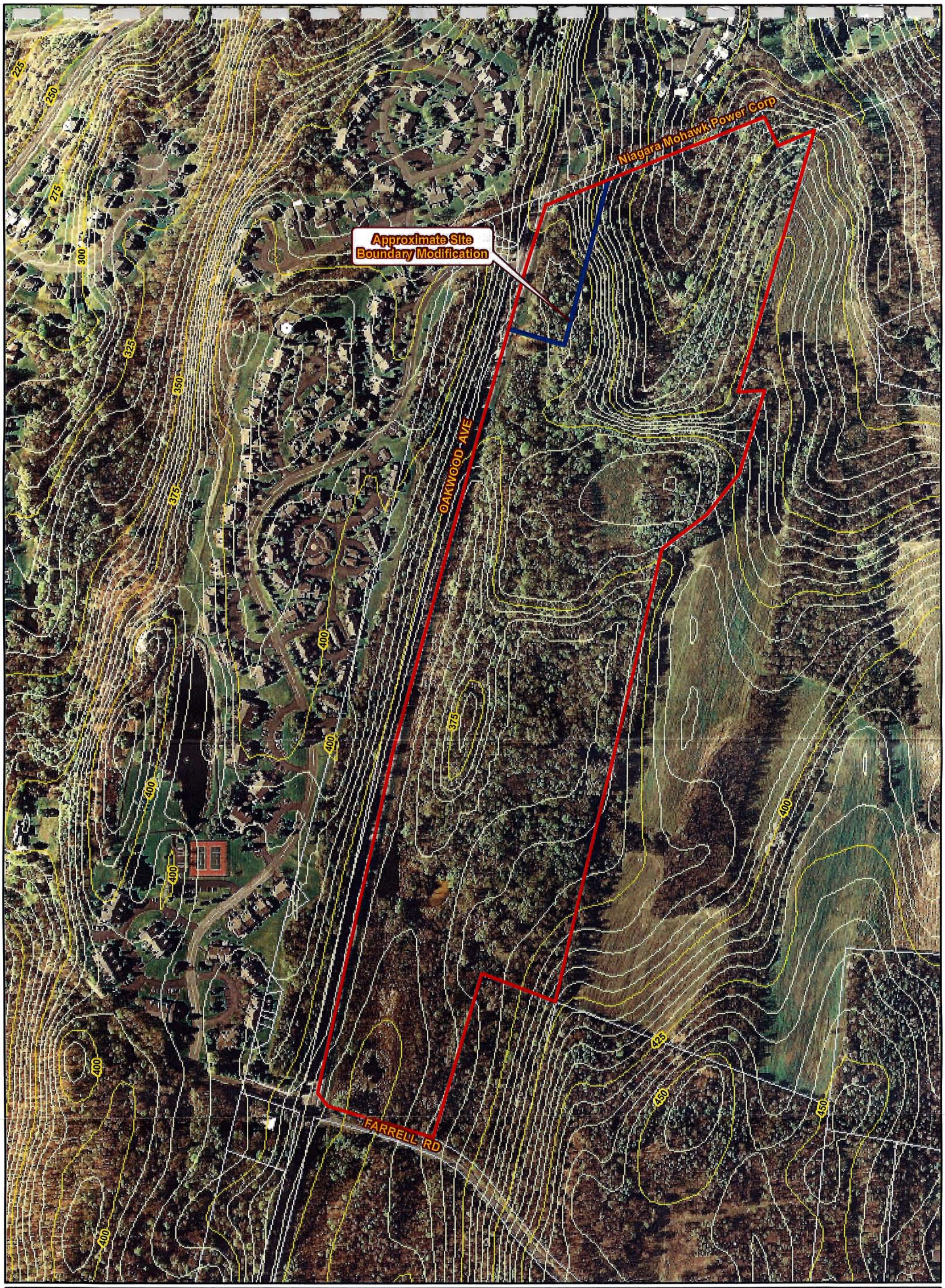
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, LATHAM, NEW YORK 12110
(518) 786-7400 * FAX (518) 786-7299 * WWW.CTMALE.COM
Architecture * Building Systems Engineering * Civil Engineering *
Environmental Services * Geographic Information Services (GIS) *
Land Development * Land Surveying
FOUNDED IN 1910

Legend

SBM-6 Proposed Test Pit Location & Number (Typ.)
Soil Piles (GPS)
Site Boundary Modification (Approximate)
Project Site Boundary (Approximate)
Brunswick Tax Parcels (2005)

N W E S

Date: August 11, 2009
File: OakwoodBlvdSite11x17_FIG2.mxd
GIS: C Secor



0 150 300 600 Feet

Map Note:
1. Aerial Photography (One Foot Resolution) was Flown in Spring of 2007.
2. 5' Contours are interpolated From USGS 7.5 Minute DEM (10x10m data spacing) and Are considered as approximate.

Project Number: 09.9256
Data Source: NYSGIS Clearinghouse, Rensselaer County
Projection: State Plane NAD83 NYE (feet)

Figure 1: Old Troy Municipal Incinerator Site

Town of Brunswick — Rensselaer County, New York

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, LATHAM, NEW YORK 12110
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Architecture * Building Systems Engineering * Civil Engineering * Environmental Services * Geographic Information Services (GIS) * Land Development * Land Surveying
FOUNDED IN 1910

Legend
- Site Boundary Modification (Approximate)
- Project Site Boundary (Approximate)
- Brunswick Tax Parcels (2005)

N W E S

Date: June 08, 2009
File: OakwoodBlvdSite11x17.mxd
GIS: C Secor

ATTACHMENT A

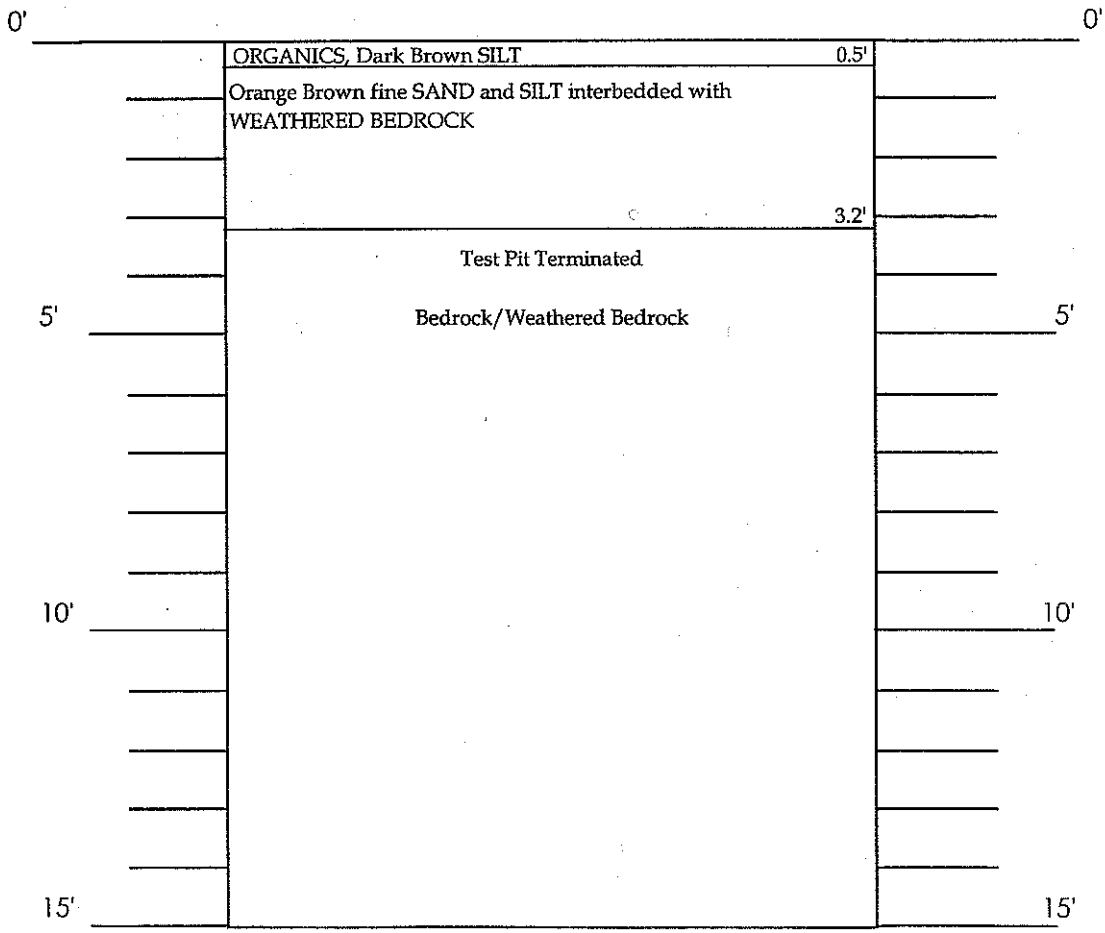
INDIVIDUAL TEST PIT LOGS

TEST PIT - 1

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 1 (SBM-1)



TOTAL DEPTH: 3.2'
WATER AT: trace amounts at bottom
SIZE OF TEST PIT: 2.5' x 6'

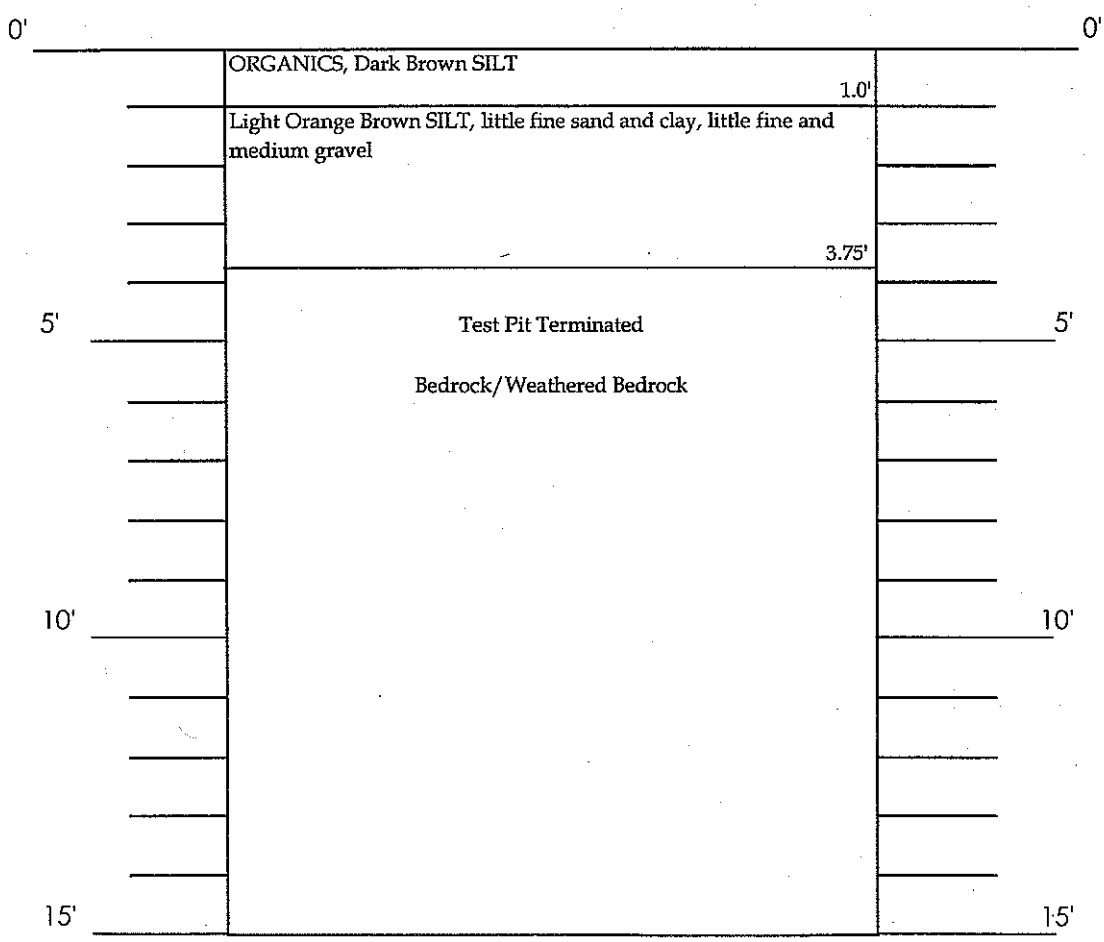
NOTES: S-1 0-1'
S-2 2-3'

TEST PIT - 2

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 2 (SBM-2)



TOTAL DEPTH:	3.75'
WATER AT:	not encountered
SIZE OF TEST PIT:	2.5' x 6'

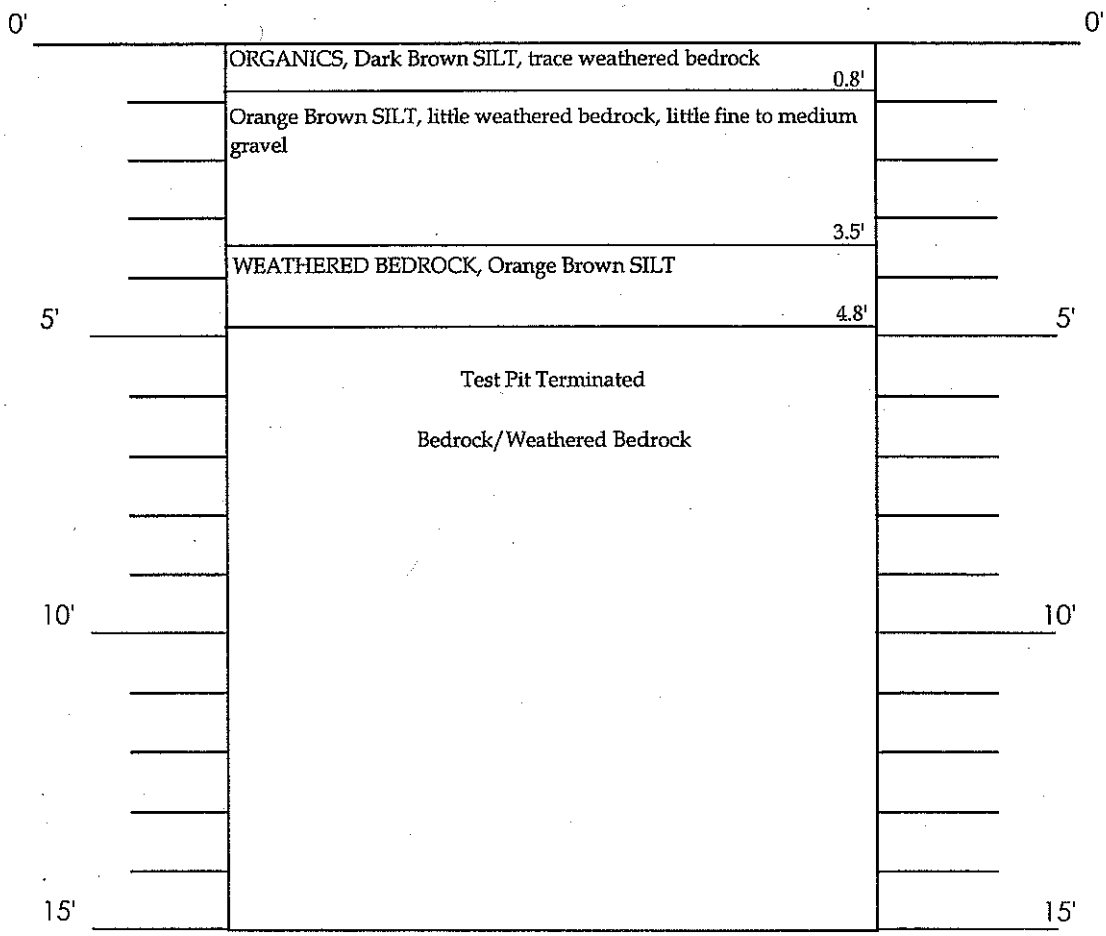
NOTES: S-1 0-2'
S-2 2-3.75'
S-3 1-3.75'

TEST PIT - 3

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 3 (SBM-3)



TOTAL DEPTH: 4.8'
WATER AT: not encountered
SIZE OF TEST PIT: 2.5' x 6'

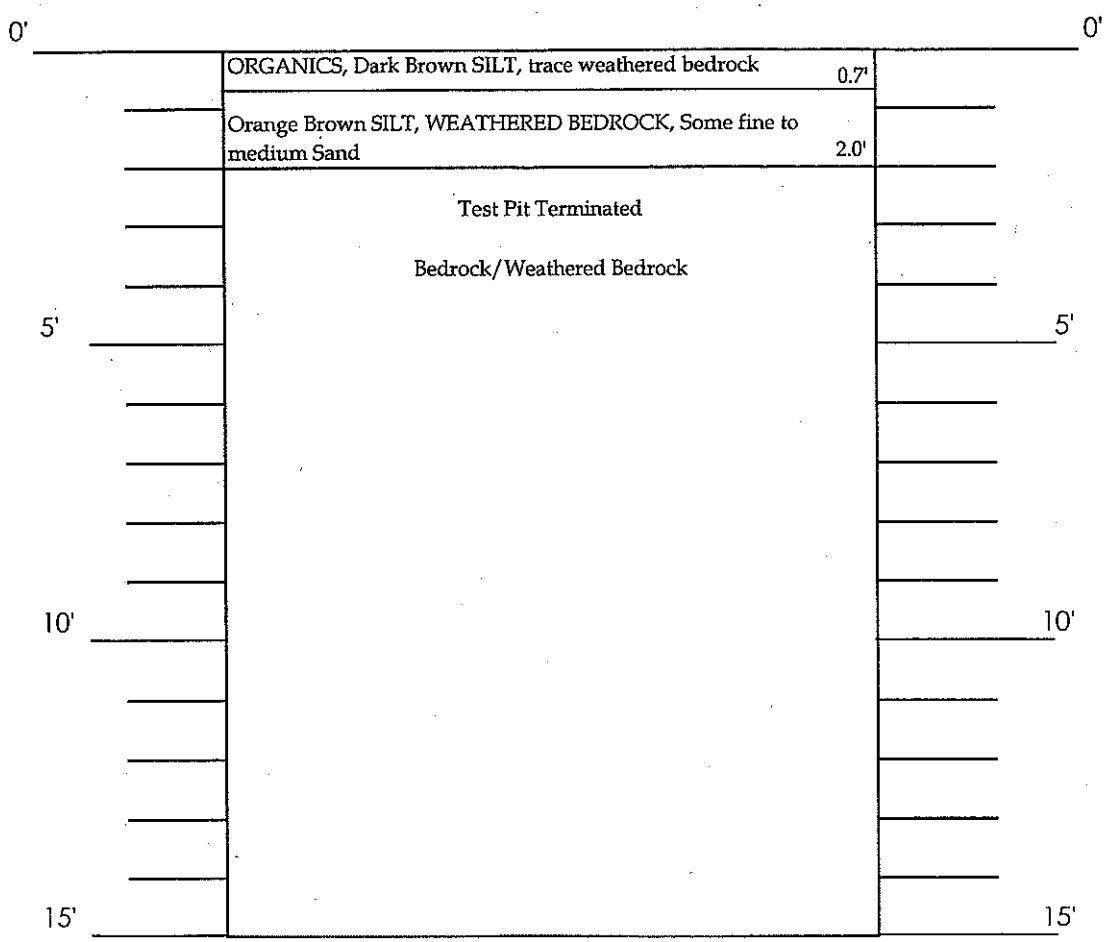
NOTES: S-1 1-3'
S-2 3-4.8'

TEST PIT - 4

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME: Old Troy Municipal Incinerator Site
PROJECT NUMBER: 09.9256
LOGGED BY: JD
EXCAVATOR: Fane
EQUIPMENT: tire mounted backhoe
DATE: 8/4/2009

TEST PIT - 4 (SBM-4)



TOTAL DEPTH: 2.0'
WATER AT: not encountered
SIZE OF TEST PIT: 2.5' x 5'

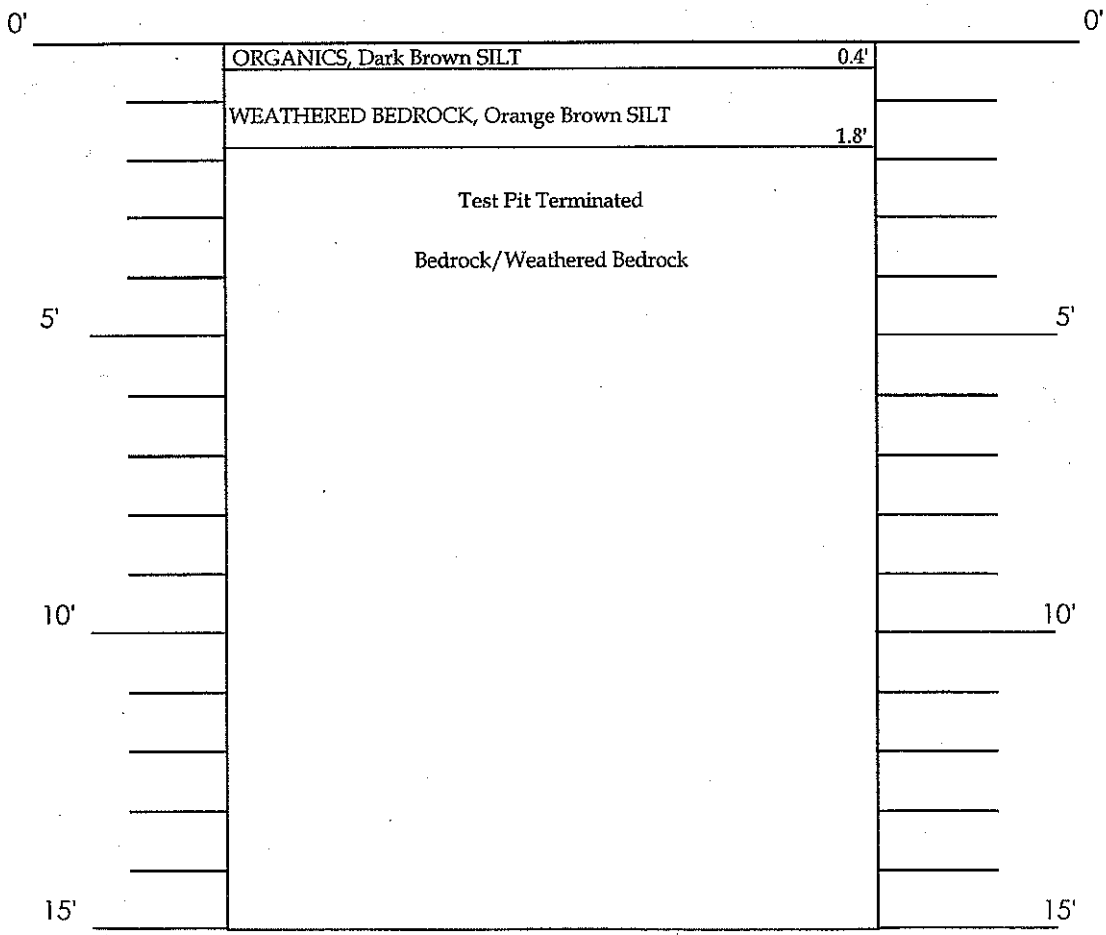
NOTES: S-1 0.7-2'

TEST PIT - 5

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 5 (SBM-5)



TOTAL DEPTH: 1.8'
WATER AT: not encountered
SIZE OF TEST PIT: 2.5' x 4.5'

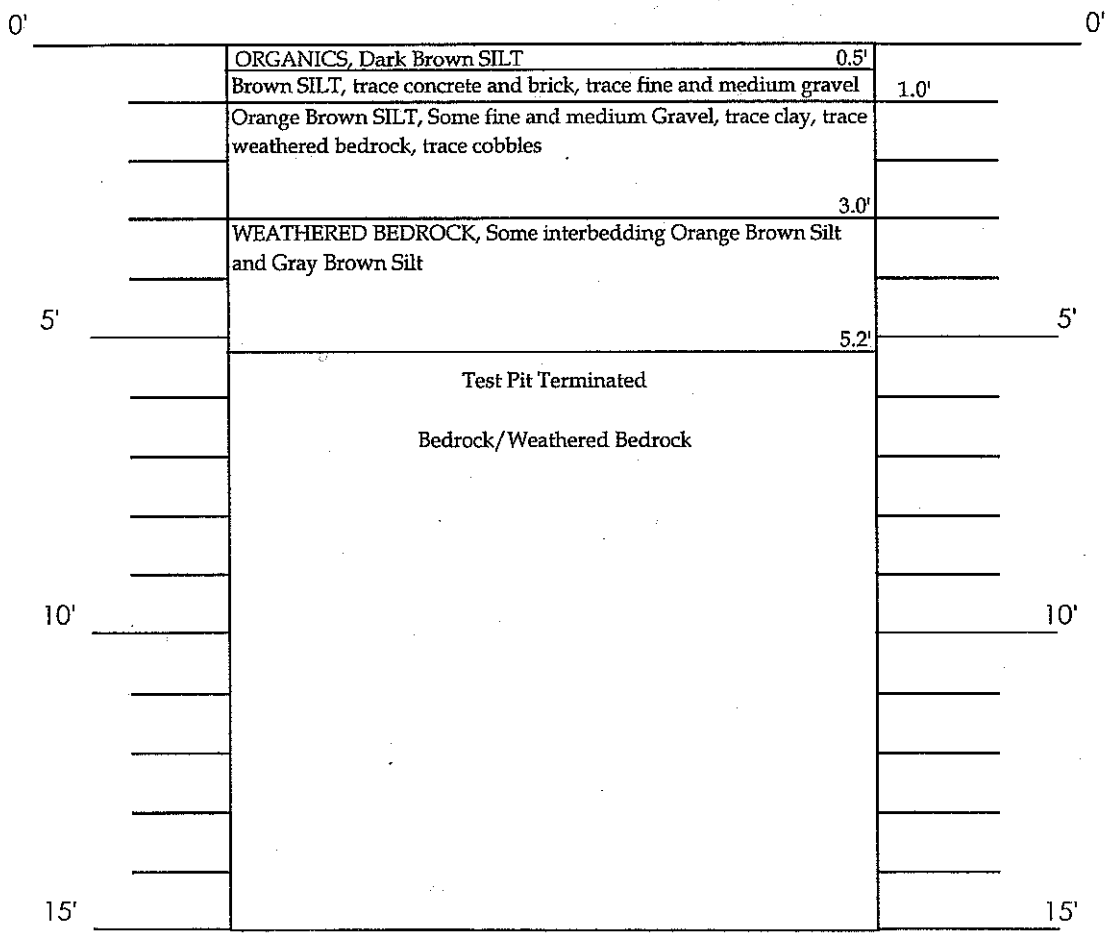
NOTES: S-1 0-1.8'

TEST PIT - 6

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 6 (SBM-6)



TOTAL DEPTH:	5.2'
WATER AT:	not encountered
SIZE OF TEST PIT:	2.5' x 6'

NOTES: S-1 0-2'
S-2 2-4'
S-3 4-5.2'

TEST PIT - 9

C.T. MALE ASSOCIATES, P.C.
50 Century Hill Drive, P.O. Box 727
Latham, NY 12110-0727
(518) 786-7400 • FAX (518) 786-7299
Building Systems • Engineering • Environmental Services • Land Information Services

PROJECT NAME:	Old Troy Municipal Incinerator Site	EXCAVATOR:	Fane
PROJECT NUMBER:	09.9256	EQUIPMENT:	tire mounted backhoe
LOGGED BY:	JD	DATE:	8/4/2009

TEST PIT - 9 (SBM-9)

0'

ORGANICS, Dark Brown SILT, trace fine gravel to cobbles — 1.25'

Orange Brown SILT, Some Weathered Bedrock, little fine to coarse gravel — 2.75'

WEATHERED BEDROCK — 3.5'

5'

Test Pit Terminated

Bedrock/Weathered Bedrock

10'

15'

0' 5' 10' 15'

TOTAL DEPTH: 3.5'
WATER AT: not encountered
SIZE OF TEST PIT: 2.5' x 6'

NOTES: S-1 1.25-2.75'

ATTACHMENT B

ORGANIC VAPOR HEADSPACE ANALYSIS LOGS

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Old Troy Municipal Incinerator Site		**PROJECT #:**	09.9256	**PAGE 1 OF 1**
CLIENT:	MATOPATO, LLC				**DATE**
LOCATION:	Brunswick, New York				**COLLECTED: 8/4/09**
INSTRUMENT USED:	Mini-Rae	**LAMP**	10.6	**eV**	**DATE**
DATE INSTRUMENT CALIBRATED:	8/4/2009		**BY:** JD		**ANALYZED: 8/4/09**
TEMPERATURE OF SOIL:	ambient				**ANALYST: JD**

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
SBM-6	S-1	0-2	soil	15.2	3.0	no odor, no staining
	S-2	2-4	soil	12.4	2.0	no odor, no staining
	S-3	4-5.2	soil	7.4	0.0	no odor, no staining
SBM-1	S-1	0-1	soil	11.1	0.0	no odor, no staining
	S-2	2-3.2	soil	2.4	0.0	no odor, no staining
Soil Pile - 1		2	soil	3.7	0.4	no odor, no staining
Soil Pile - 2		2	soil	3.2	0.2	no odor, no staining
SBM-5	S-1	0-1.8	soil	5.2	0.4	no odor, no staining
SBM-2	S-1	0-2	soil	35.3	2.7	no odor, no staining
	S-2	2-3.75	soil	43.6	1.1	no odor, no staining
	S-3	1-3.75	soil	56.7	0.0	no odor, no staining
SBM-3	S-1	1-3	soil	4.8	0.0	no odor, no staining
	S-2	3-4.8	soil	2.9	0.0	no odor, no staining
SBM-4	S-1	0.7-2	soil	9.1	0.0	no odor, no staining
SBM-9	S-1	1.25-2.75	soil	1.7	0.0	no odor, no staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
*** FT represents feet below ground surface

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT:	Old Troy Municipal Incinerator Site		**PROJECT #:**	09.9256	**PAGE 1 OF 1**
CLIENT:	MATOPATO, LLC				**DATE**
LOCATION:	Brunswick, New York				**COLLECTED: 8/3/09**
INSTRUMENT USED:	Mini-Rae	**LAMP**	10.6	**eV**	**DATE**
DATE INSTRUMENT CALIBRATED:	8/3/2009	**BY:**	JD		**ANALYZED: 8/3/09**
TEMPERATURE OF SOIL:	ambient				**ANALYST: JD**

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)***	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
SBM-7		0 - 0.17	soil	0.3	0.0	no odor, no staining
SBM-1		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-8		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-2		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-11		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-12		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-3		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-4		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-5		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-9		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-10		0 - 0.17	soil	0.0	0.0	no odor, no staining
SBM-6		0 - 0.17	soil	0.0	0.0	no odor, no staining

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
***FT represents feet below vegetative cover

ATTACHMENT C

SURFACE SOIL SAMPLING LOGS

C.T. MALE ASSOCIATES, P.C.

SURFACE SOIL SAMPLING LOG

Project Name: Old Troy Municipal Incinerator Site
Project Number: 09.9256
Location: Brunswick, New York
CTM Inspector: Jonathan Dippert

Sample Location	PID Reading (PPM)*	Depth**	Date	Comments
Soil Pile - 1	3.7	3'	8/4/2009	Brown/Gray fine to coarse SAND, Some fine to coarse Gravel, Some Asphalt, trace concrete
Soil Pile - 2	3.2	3.5'	8/4/2009	Brown/Gray fine to coarse SAND, Some fine to coarse Gravel, Some Asphalt, trace concrete
Soil Pile - 3	0.0	3.5'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, trace slag and brick, trace silt
Soil Pile - 4	0.0	2.5'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, trace slag and scrap metal, trace fine sand and silt
Soil Pile - 5	0.0	3'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, trace brick
Soil Pile - 6	0.0	3'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, little asphalt
Soil Pile - 7	0.0	3'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, little concrete and slag
Soil Pile - 8	-	2'	8/4/2009	Orange Brown fine SAND and SILT, Some fine to coarse Gravel, Weathered Bedrock
Soil Pile - 9	0.0	3'	8/4/2009	Dark Brown fine SAND and SILT, Some fine to coarse Gravel, trace asphalt and concrete, trace slag

* PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.

** Depth represents depth below ground surface

C.T. MALE ASSOCIATES, P.C.

SURFACE SOIL SAMPLING LOG

Project Name: Old Troy Municipal Incinerator Site
Project Number: 09.9256
Location: Brunswick, New York
CTM Inspector: Jonathan Dippert

Sample Location	PID Reading (PPM)*	Depth**	Date	Comments
SBM - 7	0.3	0 - 2"	8/3/2009	5" root zone, Orange Brown fine SAND and SILT, Weathered Bedrock
SBM - 1	0.0	0 - 2"	8/3/2009	5" root zone, Orange Brown fine SAND and SILT, Weathered Bedrock, field duplicate (FDSS080309)
SBM - 8	0.0	0 - 2"	8/3/2009	10" root zone, Brown SILT, little fine gravel
SBM - 2	0.0	0 - 2"	8/3/2009	10" root zone, Brown SILT, little fine gravel and weathered bedrock
SBM - 11	0.0	0 - 2"	8/3/2009	9" root zone, Brown/Orange Brown SILT, Some Sand, trace weathered bedrock
SBM - 12	0.0	0 - 2"	8/3/2009	5" root zone, Orange Brown SILT, Weathered Bedrock
SBM - 4	0.0	0 - 2"	8/3/2009	5" root zone, Orange Brown SILT, Weathered Bedrock
SBM - 3	0.0	0 - 2"	8/3/2009	10" root zone, Brown SILT, little fine gravel and weathered bedrock
SBM - 6	0.0	0 - 2"	8/3/2009	8" root zone, Brown SILT, little fine gravel and weathered bedrock, little asphalt and concrete
SBM - 10	0.0	0 - 2"	8/3/2009	6" root zone, Brown SILT, Some fine Gravel and Weathered Bedrock
SBM - 5	0.0	0 - 2"	8/3/2009	4" root zone, Brown SILT, Weathered Bedrock
SBM - 9	0.0	0 - 2"	8/3/2009	6" root zone, Brown SILT, Some fine Gravel and Weathered Bedrock

* PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.

** Depth represents depth below vegetative cover or root zone

ATTACHMENT D

ANALYTICAL RESULTS SUMMARY TABLES

Full Analytical Results for SVOCs
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-7		SBM-1		SBM-8		FDSS080309		SBM-2		SBM-11		SBM-12		SBM-4		SBM-3	
Units	CAS	Use SCOs(1) (mg/kg)	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,1-Biphenyl	92-52-4	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,2-oxybis(1-Chloropropane)	108-60-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4,5-Trichlorophenol	95-95-4	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4,6-Trichlorophenol	88-06-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4-Dichlorophenol	120-83-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4-Dimethylphenol	105-67-9	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4-Dinitrophenol	51-28-5	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,4-Dinitrotoluene	121-14-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2,6-Dinitrotoluene	606-20-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Chloronaphthalene	91-58-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Chlorophenol	95-57-8	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Methylnaphthalene	91-57-6	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Methylphenol	95-48-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Nitroaniline	88-74-4	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
2-Nitrophenol	88-75-5	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
3,3-Dichlorobenzidine	91-94-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
3+4-Methylphenols	65794-96-9	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
3-Nitroaniline	99-09-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4,6-Dinitro-2-methylphenol	534-52-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Bromophenyl-phenylether	101-55-3	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Chloro-3-methylphenol	59-50-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Chloroaniline	106-47-8	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Chlorophenyl-phenylether	7005-72-3	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Nitroaniline	100-01-6	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
4-Nitrophenol	100-02-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Acenaphthene	83-32-9	20	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Acenaphthylene	208-96-8	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Acetophenone	98-86-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Anthracene	120-12-7	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Atrazine	1912-24-9	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Benzaldehyde	100-52-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.12	J	0.41	U	0.41		0.88		0.22	J
Benzo(a)anthracene	56-55-3	1	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Benzo(a)pyrene	50-32-8	1	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U

Full Analytical Results for SVOCs
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID Units	CAS	Part 375 Unrestricted Use SCOs(1) (mg/kg)	SBM-7 mg/kg		SBM-1 mg/kg		SBM-8 mg/kg		FDSS080309 mg/kg		SBM-2 mg/kg		SBM-11 mg/kg		SBM-12 mg/kg		SBM-4 mg/kg		SBM-3 mg/kg	
Benzo(b)fluoranthene	205-99-2	1	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Benzo(g,h,i)perylene	191-24-2	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Benzo(k)fluoranthene	207-08-9	0.8	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
bis(2-Chloroethoxy)methane	111-91-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
bis(2-Chloroethyl)ether	111-44-4	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
bis(2-Ethylhexyl)phthalate	117-81-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Butylbenzylphthalate	85-68-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Caprolactam	105-60-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Carbazole	86-74-8	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Chrysene	218-01-9	1	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Dibenzofuran	132-64-9	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Diethylphthalate	84-66-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Dimethylphthalate	131-11-3	NS	0.39	JB	0.49	B	0.47	B	0.51	B	0.57	B	0.4	B	0.4	B	0.51	B	0.56	B
Di-n-butylphthalate	84-74-2	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Di-n-octyl phthalate	117-84-0	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Fluoranthene	206-44-0	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Fluorene	86-73-7	30	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Hexachlorobenzene	118-74-1	0.33	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Hexachlorobutadiene	87-68-3	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Hexachlorocyclopentadiene	77-47-4	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Hexachloroethane	67-72-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Isophorone	78-59-1	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Naphthalene	91-20-3	12	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Nitrobenzene	98-95-3	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
N-Nitroso-di-n-propylamine	621-64-7	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
N-Nitrosodiphenylamine	86-30-6	NS	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Pentachlorophenol	87-86-5	0.8	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Phenanthrene	85-01-8	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Phenol	108-95-2	0.33	0.045	J	0.067	J	0.43	U	0.053	J	0.051	J	0.042	J	0.042	J	0.055	J	0.054	J
Pyrene	129-00-0	100	0.4	U	0.45	U	0.43	U	0.43	U	0.41	U	0.38	U	0.38	U	0.43	U	0.41	U
Total Concentration.			0.435		0.557		0.47		0.563		0.741		0.583		0.852		1.445		0.834	
Total TICs			1150		940				1000		2518		1678		1651		2530		2135	

Full Analytical Results for SVOCs
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-5		SBM-9		SBM-10		SBM-6		SBM-6-S-2		SBM-3-S-1		SBM-4-S-1		SBM-2-S-3		SBM-9-S-1		SBM-1-S-2	
Units		Use SCOs(1) (mg/kg)	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
1,1-Biphenyl	92-52-4	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,2-oxybis(1-Chloropropane)	108-60-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4,5-Trichlorophenol	95-95-4	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4,6-Trichlorophenol	88-06-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4-Dichlorophenol	120-83-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4-Dimethylphenol	105-67-9	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4-Dinitrophenol	51-28-5	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,4-Dinitrotoluene	121-14-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2,6-Dinitrotoluene	606-20-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Chloronaphthalene	91-58-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Chlorophenol	95-57-8	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Methylnaphthalene	91-57-6	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Methylphenol	95-48-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Nitroaniline	88-74-4	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
2-Nitrophenol	88-75-5	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
3,3-Dichlorobenzidine	91-94-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
3+4-Methylphenols	65794-96-9	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
3-Nitroaniline	99-09-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4,6-Dinitro-2-methylphenol	534-52-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Bromophenyl-phenylether	101-55-3	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Chloro-3-methylphenol	59-50-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Chloroaniline	106-47-8	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Chlorophenyl-phenylether	7005-72-3	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Nitroaniline	100-01-6	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
4-Nitrophenol	100-02-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Acenaphthene	83-32-9	20	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Acenaphthylene	208-96-8	100	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Acetophenone	98-86-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Anthracene	120-12-7	100	0.4	U	1.9	U	0.39	U	0.33	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Atrazine	1912-24-9	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Benzaldehyde	100-52-7	NS	0.17	J	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.22	J	0.39	U	0.38	U	0.42	U
Benzo(a)anthracene	56-55-3	1	0.4	U	1.9	U	0.39	U	0.55	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Benzo(a)pyrene	50-32-8	1	0.4	U	1.9	U	0.39	U	0.44	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U

Full Analytical Results for SVOCs
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-5		SBM-9		SBM-10		SBM-6		SBM-6-S-2		SBM-3-S-1		SBM-4-S-1		SBM-2-S-3		SBM-9-S-1		SBM-1-S-2	
Units		Use SCOs(1) (mg/kg)	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Benzo(b)fluoranthene	205-99-2	1	0.4	U	1.9	U	0.04	J	0.61	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Benzo(g,h,i)perylene	191-24-2	100	0.4	U	1.9	U	0.39	U	0.31	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Benzo(k)fluoranthene	207-08-9	0.8	0.4	U	1.9	U	0.39	U	0.29	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
bis(2-Chloroethoxy)methane	111-91-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
bis(2-Chloroethyl)ether	111-44-4	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
bis(2-Ethylhexyl)phthalate	117-81-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Butylbenzylphthalate	85-68-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Caprolactam	105-60-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Carbazole	86-74-8	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Chrysene	218-01-9	1	0.4	U	1.9	U	0.39	U	0.52	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Dibenzofuran	132-64-9	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Diethylphthalate	84-66-2	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Dimethylphthalate	131-11-3	NS	0.5	B	0.54	JB	0.5	B	0.46	JB	0.26	JB	0.41	B	0.4	B	0.47	B	0.43	B	0.37	JB
Di-n-butylphthalate	84-74-2	NS	0.4	U	1.9	U	0.39	U	0.33	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Di-n-octyl phthalate	117-84-0	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Fluoranthene	206-44-0	100	0.4	U	1.9	U	0.056	J	1.3	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Fluorene	86-73-7	30	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Hexachlorobenzene	118-74-1	0.33	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Hexachlorobutadiene	87-68-3	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Hexachlorocyclopentadiene	77-47-4	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Hexachloroethane	67-72-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.4	U	1.9	U	0.39	U	0.2	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Isophorone	78-59-1	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Naphthalene	91-20-3	12	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Nitrobenzene	98-95-3	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
N-Nitroso-di-n-propylamine	621-64-7	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
N-Nitrosodiphenylamine	86-30-6	NS	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Pentachlorophenol	87-86-5	0.8	0.4	U	1.9	U	0.39	U	1.9	U	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Phenanthrene	85-01-8	100	0.4	U	1.9	U	0.39	U	1.3	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Phenol	108-95-2	0.33	0.4	U	1.9	U	0.054	J	1.9	U	0.39	U	0.39	U	0.04	J	0.054	J	0.38	U	0.42	U
Pyrene	129-00-0	100	0.4	U	1.9	U	0.05	J	1	J	0.39	U	0.39	U	0.39	U	0.39	U	0.38	U	0.42	U
Total Concentration.			0.67		0.54		0.7		7.64		0.26		0.41		0.66		0.524		0.43		0.37	
Total TICs			1728		420		1251		1560		1208		1400		1579		1360		1380		1200	

Qualifiers

(1) NYSDEC 6 NYCRR PART 375 Environmental Remediation Programs, Subpart 375-6, Dated December 14, 2006

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E (Inorganics) indicates the reported value is estimated because of the presence of interference.

R indicates that the analytical results have been rejected due to matrix interference

NS denotes "No Standard"

NA denotes "Not Applicable"

Full Analytical Results for Pesticides
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-7		SBM-1		SBM-8		FDSS080309		SBM-2		SBM-11		SBM-12		SBM-4		SBM-3		SBM-5		SBM-9		SBM-10		SBM-6		SBM-6-S-2		SBM-3-S-1		SBM-4-S-1		SBM-2-S-3		SBM-9-S-1		SBM-1-S-2	
Units	CAS #	Use SCOs(1) (mg/kg)	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
4,4-DDD	72-54-8	0.0033	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
4,4-DDE	72-55-9	0.0033	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
4,4-DDT	50-29-3	0.0033	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Aldrin	309-00-2	0.005	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
alpha-BHC	319-84-6	0.02	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
alpha-Chlordane	5103-71-9	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
beta-BHC	319-85-7	0.036	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
delta-BHC	319-86-8	0.04	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Dieldrin	60-57-1	0.005	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endosulfan I	959-98-8	2.4	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endosulfan II	33213-65-9	2.4	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endosulfan Sulfate	1031-07-8	2.4	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endrin	72-20-8	0.014	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endrin aldehyde	7421-93-4	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Endrin ketone	53494-70-5	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
gamma-BHC	58-89-9	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
gamma-Chlordane	5103-74-2	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Heptachlor	76-44-8	0.042	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Heptachlor epoxide	1024-57-3	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Methoxychlor	72-43-5	NS	0.0021	U	0.0023	U	0.0022	U	0.0022	U	0.0021	U	0.0021	U	0.0019	U	0.0022	U	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0019	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0022	U
Toxaphene	8001-35-2	NS	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U

Qualifiers

(1) NYSDEC 6 NYCRR PART 375 Environmental Remediation Programs, Subpart 375-6, Dated December 14, 2006

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B indicates that the analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P indicated that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

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Full Analytical Results for PCBs
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-7		SBM-1		SBM-8		FDSS080309		SBM-2		SBM-11		SBM-12		SBM-4		SBM-3		SBM-5		SBM-9		SBM-10		SBM-6		SBM-6-S-2		SBM-3-S-1		SBM-4-S-1		SBM-2-S-3		SBM-9-S-1		SBM-1-S-2	
Units	CAS #	Use SCOs(1) (mg/kg)	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Aroclor-1016	12674-11-2	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1221	11104-28-2	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1232	11141-16-5	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1242	53469-21-9	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1248	12672-29-6	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1254	11097-69-1	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.019	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Aroclor-1260	11096-82-5	0.1	0.021	U	0.023	U	0.022	U	0.022	U	0.021	U	0.021	U	0.019	U	0.022	U	0.021	U	0.021	U	0.02	U	0.02	U	0.055		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.022	U
Total Concentration.			0		0		0		0		0		0		0		0		0		0		0		0		0.055		0		0		0		0		0		0	

Qualifiers

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Full Analytical Results for Metals
Old Troy Municipal Incinerator
C.T. Male Project No. 09.9256

Sample ID		Part 375 Unrestricted	SBM-7		SBM-1		SBM-8		FDSS080309		SBM-2		SBM-11		SBM-12		SBM-4		SBM-3		SBM-5		SBM-9		SBM-10		SBM-6		SBM-6-S-2		SBM-3-S-1		SBM-4-S-1		SBM-2-S-3		SBM-9-S-1		SBM-1-S-2	
Units	CAS #	Use SCOs(1) (mg/kg)	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Aluminum	7429-90-5	NS	1400		1740		6610		1470		4370		2130		2700		4660		2840		3510		6070		5110		7890		5660		5180		3210		8080		8650		1690	
Antimony	7440-36-0	NS	3.05	U	3.12	U	3.22	U	3.13	U	3.02	U	2.88	U	2.03	U	2.98	U	2.3	U	2.48	U	2.44	U	2.53	U	2.25	U	2.8	U	2.7	U	2.82	U	2.43	U	2.74	U	3.19	U
Arsenic	7440-38-2	13	6.65		5.22		3.26		4.38		3.76		5.97		7.65		8.98		4.3		2.18		3.74		4.79		6.12		4.6		4.12		10.5		3.99		4.13		7.1	
Barium	7440-39-3	350	17.9		24.2		60		20.1		64.8		34.6		36.7		63		114		63.8		70.5		71.6		139		63.5		47.7		50.4		33.9		36.6		38.6	
Beryllium	7440-41-7	7.2	0.37	U	0.37	U	0.44		0.38	U	0.36	U	0.46		0.34		0.47		0.42		0.5		0.36		0.35		0.56		0.45		0.41		0.56		0.41		0.46		0.38	U
Cadmium	7440-43-9	2.5	0.8		0.85		0.49		0.67		0.36		2.35		0.96		0.93		0.58		1		0.75		0.6		1.62		0.64		0.57		1.92		0.72		0.74		1.52	
Calcium	7440-70-2	NS	1060		1380		630		998		637		4280		322		1210		621		1590		1410		1120		4320		1480		752		452		278		743		3490	
Chromium	7440-47-3	30	1.64		1.99		5.77		1.83		4.47		2.06		2.83		3.13		2.77		6.74		9.02		7.1		11.4		6.26		5.25		2		7.99		9.5		2.25	
Cobalt	7440-48-4	NS	7.79		8.48		4.62		7.22		3.85		7.65		5.55		3.42		4.63		11.2		7.22		5.92		10.5		6.35		5.4		3.7		8.82		10.4		11.8	
Copper	7440-50-8	50	20.1		25.3		9.64		23.1		13.1		20.4		18.4		14.6		15.6		12		21.3		21.5		30.5		17.1		14.1		14.8		17.6		15.9		25.3	
Iron	7439-89-6	NS	21400		24300		15800		22700		13500		37000		17600		24100		11600		16200		15800		15200		22100		15800		16900		33400		19000		20200		25400	
Lead	7439-92-1	63	13.7		21.1		19.7		16.6		20.3		22.6		20.1		23.7		19.7		26.1		85.6		46.8		82.9		16.8		11.8		24		11.5		12.7		13.6	
Magnesium	7439-95-4	NS	362		389		1090		263		1040		2030		443		408		434		2340		3030		2060		3590		1540		1010		231		2200		2870		1620	
Manganese	7439-96-5	1600	290		354		198		278		252		302		141		135		562		337		386		330		904		197		232		144		324		454		520	
Mercury	7439-97-6	0.18	0.079		0.069		0.074		0.067		0.074		0.079		0.101		0.091		0.058		0.064		0.2		0.14		0.134		0.09		0.038		0.033		0.045		0.035		0.055	
Nickel	7440-02-0	30	20.7		16.3		12.6		14.5		10.3		18.6		14.7		10.1		10.4		20.9		15		13.5		23.6		14.5		10.6		10.8		15.1		16.3		22.3	
Potassium	9/7/7440	NS	271		374		266		310		271		332		334		411		335		799		507		465		644		377		352		370		392		428		311	
Selenium	7782-49-2	3.9	1.22	U	1.25	U	1.29	U	1.25	U	1.21	U	1.15	U	0.81	U	1.19	U	0.92	U	0.99	U	0.97	U	1.01	U	0.9	U	1.12	U	1.08	U	1.13	U	0.97	U	1.09	U	1.28	U
Silver	7440-22-4	2	0.61	U	0.62	U	0.64	U	0.63	U	0.6	U	0.58	U	0.41	U	0.6	U	0.46	U	0.5	U	0.49	U	0.51	U	0.45	U	0.56	U	0.54	U	0.56	U	0.49	U	0.55	U	0.64	U
Sodium	7440-23-5	NS	176		125	U	138		125	U	123		115	U	84.5		128		94.8		99.1	U	103		107		204		118		108	U	113	U	103		109	U	128	U
Thallium	7440-28-0	NS	2.44	U	2.5	U	2.58	U	2.5	U	2.42	U	2.31	U	1.62	U	2.38	U	1.84	U	1.98	U	1.95	U	2.03	U	1.8	U	2.24	U	2.16	U	2.26	U	1.94	U	2.19	U	2.55	U
Vanadium	7440-62-2	NS	8.3		9.68		13.2		8.4		9.25		7.46		6.88		11.9		6.51		10.7		11		10.2		14		11.5		11.4		15		12.1		12.9		9.21	
Zinc	7440-66-6	109	24.4		24.2		40.9		20.2		33.7		135		75.2		34.4		42		34.4		62.8		50.8		104		43.2		47.8		16.6		39.4		41.6		18.7	

Qualifiers

(1) NYSDEC 6 NYCRR PART 375 Environmental Remediation Programs, Subpart 375-6, Dated December 14, 2006

Concentrations denoted in mg/kg or parts per million (ppm)

U indicates that the compound was analyzed but not detected

J indicates and estimated value

N indicates presumptive evidence of a compound

B indicates that the analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P indicated that for dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

E (Organics) indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) indicates the reported value is estimated because of the presence of interference.

R indicates that the analytical results have been rejected due to matrix interference

NS denotes "No Standard"

NA denotes "Not Applicable"

ATTACHMENT E

PHOTOS & PHOTOGRAPHIC LOG

SITE BOUNDARY MODIFICATION
OLD TROY MUNICIPAL INCINERATOR SITE / OAKWOOD AVENUE
BRUNSWICK, NEW YORK

CTM Project No. 09.9256

PHOTO LOG – TEST PIT ACTIVITIES

No.	Description
1.	Soil Pile 2 after investigating with backhoe northeast of SBM - 1
2.	Soil Pile 1 after investigating with backhoe northwest of SBM - 6
3.	Pieces of asphalt and concrete on the ground surface in the area of Soil Pile 1
4.	Pieces of asphalt and concrete to the south of Soil Pile 1
5.	Soil Pile 3 after investigating with backhoe north of SBM - 6
6.	Silt and Sand in Soil Pile 3 and 4
7.	Soil Pile 4 after investigating with backhoe east of SBM - 6
8.	Soil Pile 5 after investigating with backhoe southwest of SBM - 6
9.	Soil Pile 6 after investigating with backhoe northeast of SBM - 1
10.	Soil Pile 7 after investigating with backhoe east of SBM - 7
11.	Soil Pile 8 after investigating with backhoe south of SBM – 8, north of SBM - 7
12.	Soil Pile 9 after investigating with backhoe northeast of SBM-7



Photograph Number 1



Photograph Number 2



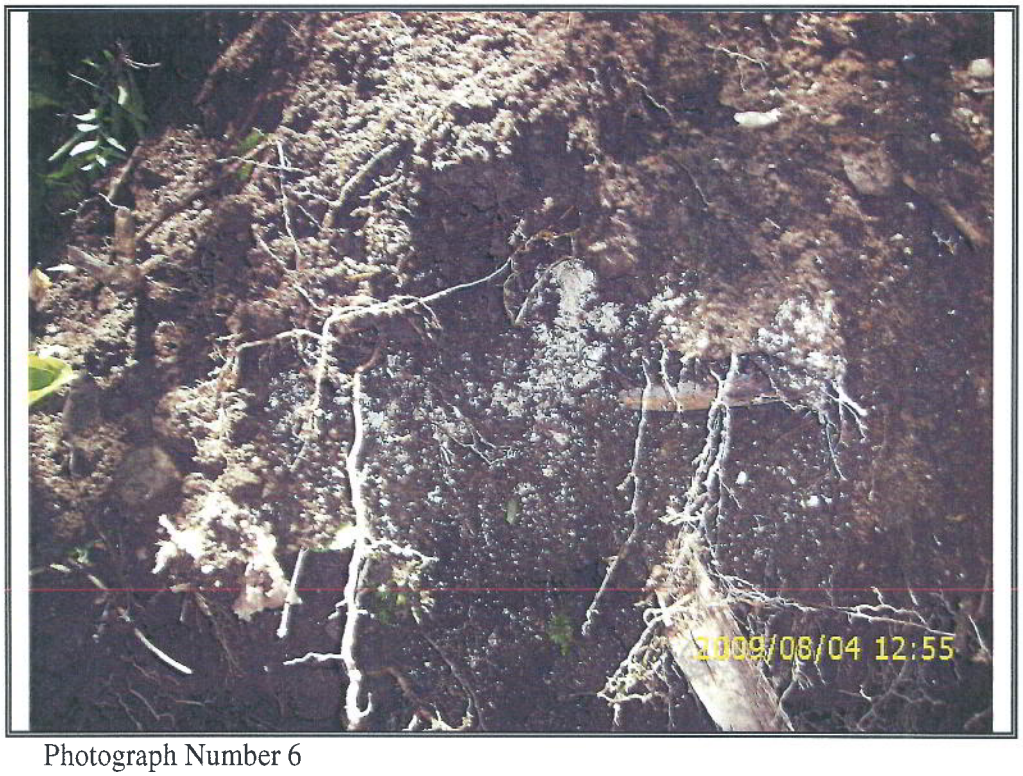
Photograph Number 3



Photograph Number 4



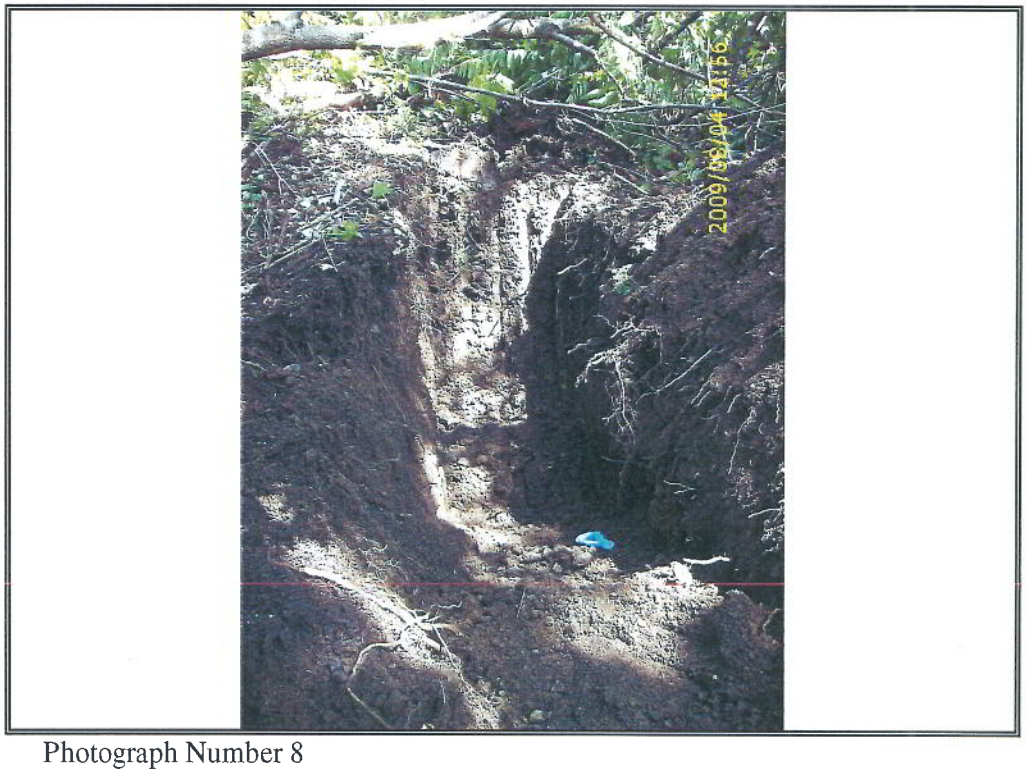
Photograph Number 5



Photograph Number 6



Photograph Number 7



Photograph Number 8



Photograph Number 9



Photograph Number 10



Photograph Number 11



Photograph Number 12

ATTACHMENT F

LABORATORY ANALYSIS REPORT (CD)

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : OLD TROY MUNICIPAL INCINERATOR

C.T. MALE & ASSOCIATES

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 5187867400

ORDER ID : A3816

ATTENTION : Kirk Moline

Table of Contents for A3816(PCB DATA)

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CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3816

Project ID : Old Troy Municipal Incinerator

Client : C.T. Male & Associates

Lab Sample Number	Client Sample Number
A3816-01	SBM-7
A3816-02	A3816-01MS
A3816-03	A3816-01MSD
A3816-04	SBM-1
A3816-05	SBM-8
A3816-06	FDSS080309
A3816-07	SBM-2
A3816-08	SBM-11
A3816-09	SBM-12
A3816-10	SBM-4
A3816-11	SBM-3
A3816-12	SBM-5
A3816-13	SBM-9
A3816-14	EB080309
A3816-15	SBM-10
A3816-16	SBM-6
A3816-17	SBM-6-S-2
A3816-18	SBM-3-S-1
A3816-19	SBM-4-S-1
A3816-20	SBM-2-S-3
A3816-21	SBM-9-S-1
A3816-22	SBM-1-S-2

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 6. The front column is RTX-CLPest which is 30 meters, 0.32 mm ID, 0.5 um df,Catalog # 11139. The rear column is RTX-CLPestII which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 11324.
The analysis of PCBs was based on method 8082 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration File ID CCAL01 met the requirements except for Aroclor-1260 (peak 2,5) in second column

The Calibration File ID CCAL02 met the requirements except for Aroclor-1016(peak4)in first column .

The Calibration File ID CCAL02 met the requirements except for Aroclor-1260(peak 2,5) in second column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1016(peak 4) in first column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1260.(peak 1,2,3,4,5) in second column

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 4) in first column.

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak4) in first column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1016(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1016,1260(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1260(peak3,5) in second column. .

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Result Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U. This is the detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the compound was analyzed for but was not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L, and a concentration of 3ug/L was calculated, report as 3 J.
B	Indicates the analyte was found in the blank as well as the sample.
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected Aldol-condensation product.

CHEMTECH

PESTICIDE/PCB

DATA

CHEMTECH

PESTICIDE/PCB QC DATA

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	EB080309	88		86		59		60				0
02	PB43878BL	104		102		104		101				0
03	PB43878BS	99		92		83		80				0
04	PB43878BSD	97		92		83		80				0

QC LIMITS

TCMX = Tetrachloro-m-xylene (52-120)
DCB = Decachlorobiphenyl (52-120)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PB43891BL	100		92		52		131				0
02	SBM-7	77		71		74		66				0
03	SBM-7MS	79		72		49		45				0
04	SBM-7MSD	79		70		71		67				0
05	SBM-1	69		64		52		50				0
06	SBM-8	65		59		54		52				0
07	FDSS080309	66		61		52		51				0
08	SBM-2	62		57		49		49				0
09	SBM-11	77		73		74		69				0
10	SBM-12	88		82		97		91				0
11	SBM-4	71		66		64		61				0
12	SBM-3	86		81		90		87				0
13	SBM-5	88		83		93		89				0
14	SBM-9	91		86		76		78				0
15	SBM-10	85		80		67		68				0
16	SBM-6	72		70		67		69				0
17	SBM-6-S-2	87		82		77		77				0
18	SBM-3-S-1	78		74		68		68				0
19	SBM-4-S-1	94		89		92		91				0
20	SBM-2-S-3	89		83		77		69				0
21	SBM-9-S-1	58		54		72		69				0
22	SBM-1-S-2	67		62		61		61				0
23	PB43891BS	92		95		68		74				0

QC LIMITS

TCMX = Tetrachloro-m-xylene (36-140)
DCB = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

3F

SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: SBM-7MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
AROCLOR 1016	80.7	0	83	103	(57-170)
AROCLOR 1260	80.7	0	70	87	(45-167)

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
AROCLOR 1016	81.1	86	106	3	20	(57-170)
AROCLOR 1260	81.1	77	95	9	20	(45-167)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

3E

WATER LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43878BS

COMPOUND	SPIKE ADDED (ug/L)		LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
AROCLOR 1016	2.000		2.4	120	(71-133)
AROCLOR 1260	2.000		2.6	130	(79-133)

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
AROCLOR 1016	2.000	2.4	120	0	20	(71-133)
AROCLOR 1260	2.000	2.6	130	0	20	(79-133)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

3F

SOIL LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43891BS

COMPOUND	SPIKE ADDED (ug/Kg)		LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
AROCLOR 1016	66.6		78	117	(68-127)
AROCLOR 1260	66.6		63	95	(77-126)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 2 outside limits

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43878BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43878BL Lab File ID: P6029625.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 8/5/2009

Date Analyzed (1): 8/6/2009 Date Analyzed (2): 8/6/2009

Time Analyzed (1): 16:33 Time Analyzed (2): 16:33

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPest ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
EB080309	A3816-14	P6029620.D	8/6/2009	8/6/2009
PB43878BS	PB43878BS	P6029626.D	8/6/2009	8/6/2009
PB43878BSD	PB43878BSD	P6029627.D	8/6/2009	8/6/2009

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43891BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43891BL Lab File ID: P6029705.D

Matrix: (soil/water) SOIL Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/7/2009 Date Analyzed (2): 8/7/2009

Time Analyzed (1): 16:22 Time Analyzed (2): 16:22

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPest ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
SBM-7	A3816-01	P6029707.D	8/7/2009	8/7/2009
SBM-7MS	A3816-02MS	P6029708.D	8/7/2009	8/7/2009
SBM-7MSD	A3816-03MSD	P6029709.D	8/7/2009	8/7/2009
SBM-1	A3816-04	P6029710.D	8/7/2009	8/7/2009
SBM-8	A3816-05	P6029711.D	8/7/2009	8/7/2009
FDSS080309	A3816-06	P6029712.D	8/7/2009	8/7/2009
SBM-2	A3816-07	P6029713.D	8/7/2009	8/7/2009
SBM-11	A3816-08	P6029718.D	8/7/2009	8/7/2009
SBM-12	A3816-09	P6029719.D	8/7/2009	8/7/2009
SBM-4	A3816-10	P6029720.D	8/7/2009	8/7/2009
SBM-3	A3816-11	P6029721.D	8/7/2009	8/7/2009
SBM-5	A3816-12	P6029722.D	8/7/2009	8/7/2009
SBM-9	A3816-13	P6029723.D	8/7/2009	8/7/2009
SBM-10	A3816-15	P6029724.D	8/7/2009	8/7/2009
SBM-6	A3816-16	P6029725.D	8/7/2009	8/7/2009
SBM-6-S-2	A3816-17	P6029726.D	8/7/2009	8/7/2009
SBM-3-S-1	A3816-18	P6029727.D	8/7/2009	8/7/2009
SBM-4-S-1	A3816-19	P6029732.D	8/7/2009	8/7/2009
SBM-2-S-3	A3816-20	P6029733.D	8/7/2009	8/7/2009
SBM-9-S-1	A3816-21	P6029734.D	8/7/2009	8/7/2009
SBM-1-S-2	A3816-22	P6029735.D	8/7/2009	8/7/2009
PB43891BS	PB43891BS	P6029857.D	8/12/2009	8/12/2009

COMMENTS:

CHEMTECH

PESTICIDE/PCB SAMPLE DATA

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029707.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

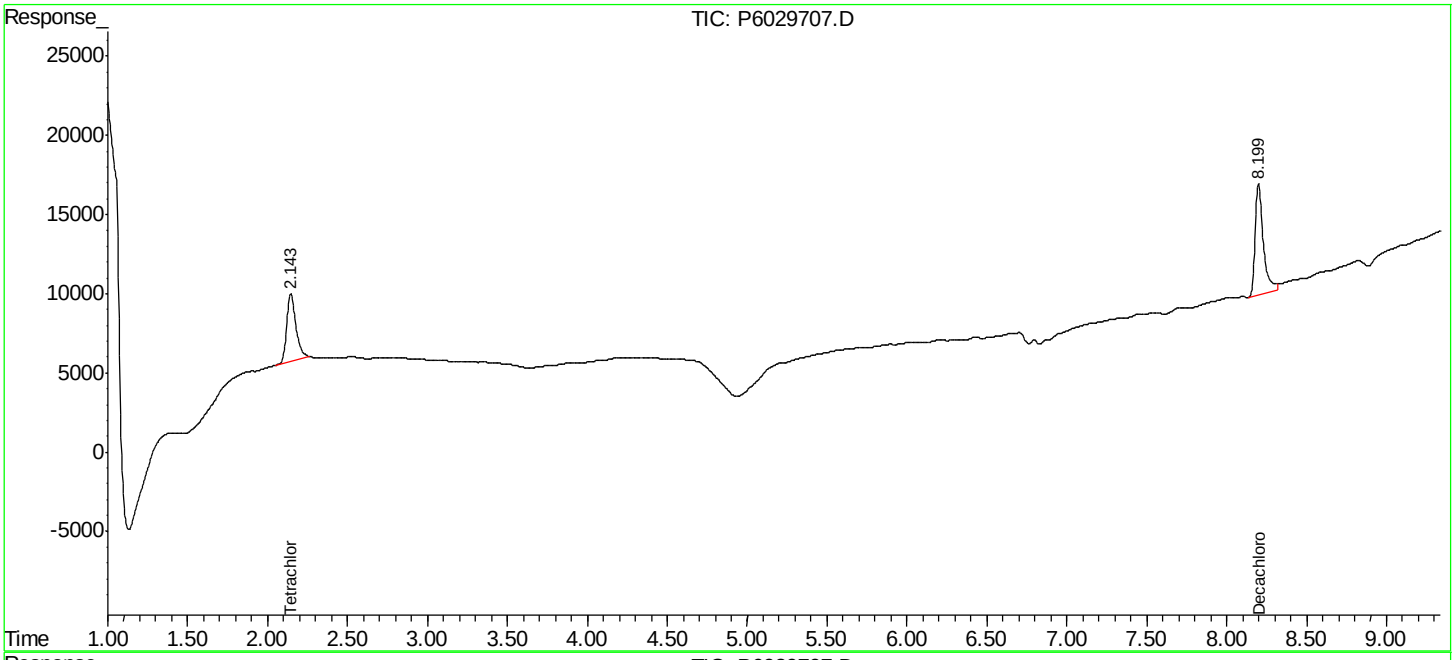
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

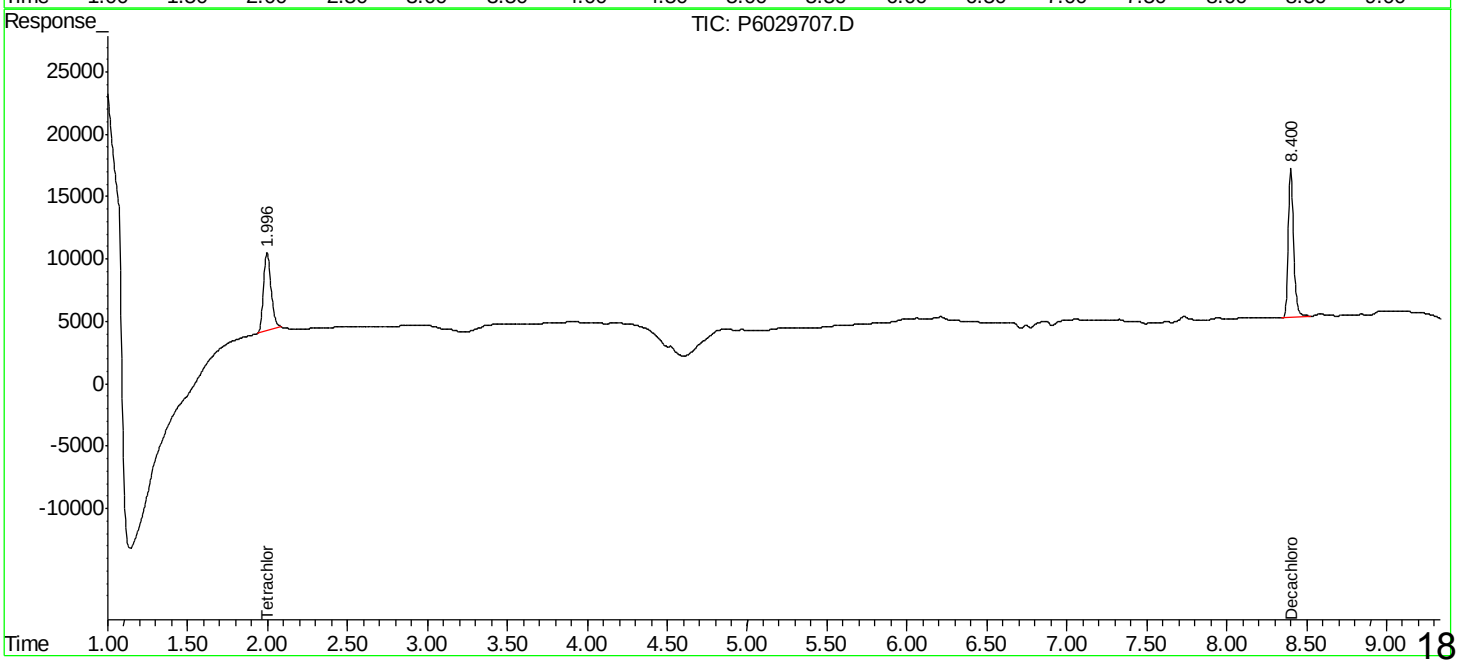
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 16:48
Operator : BI
Sample : A3816-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:38:32 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 16:48
Operator : BI
Sample : A3816-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:38:32 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.145	1.997	170581	206627	15.355	14.101
2)	SA Decachlor...	8.200	8.402	247976	276813	14.888	13.280
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029710.D

% Moisture: 27 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

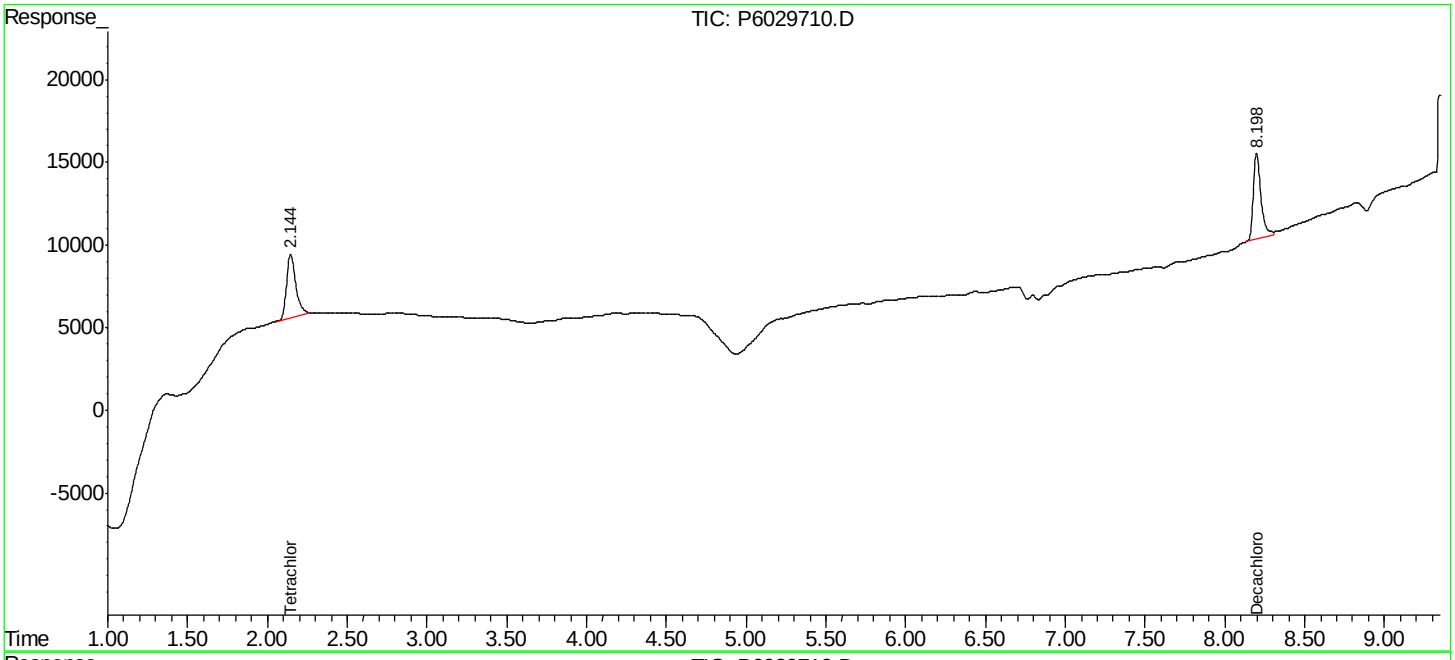
GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

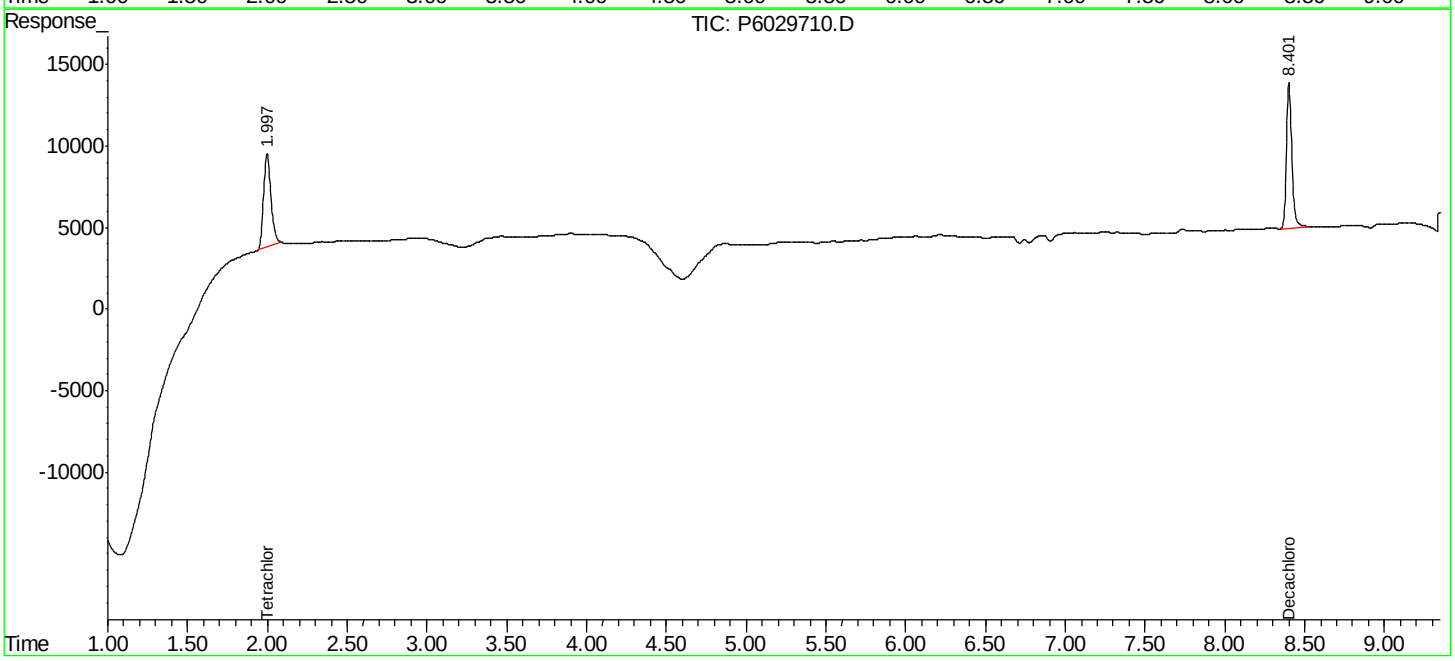
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	23	U
11104-28-2	AROCLOR 1221	23	U
11141-16-5	AROCLOR 1232	23	U
53469-21-9	AROCLOR 1242	23	U
12672-29-6	AROCLOR 1248	23	U
11097-69-1	AROCLOR 1254	23	U
11096-82-5	AROCLOR 1260	23	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:28
Operator : BI
Sample : A3816-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:00:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:28
Operator : BI
Sample : A3816-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:00:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.998	152677	186096	13.743	12.700
2)	SA Decachlor...	8.200	8.402	172177	208520	10.337	10.004
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029711.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

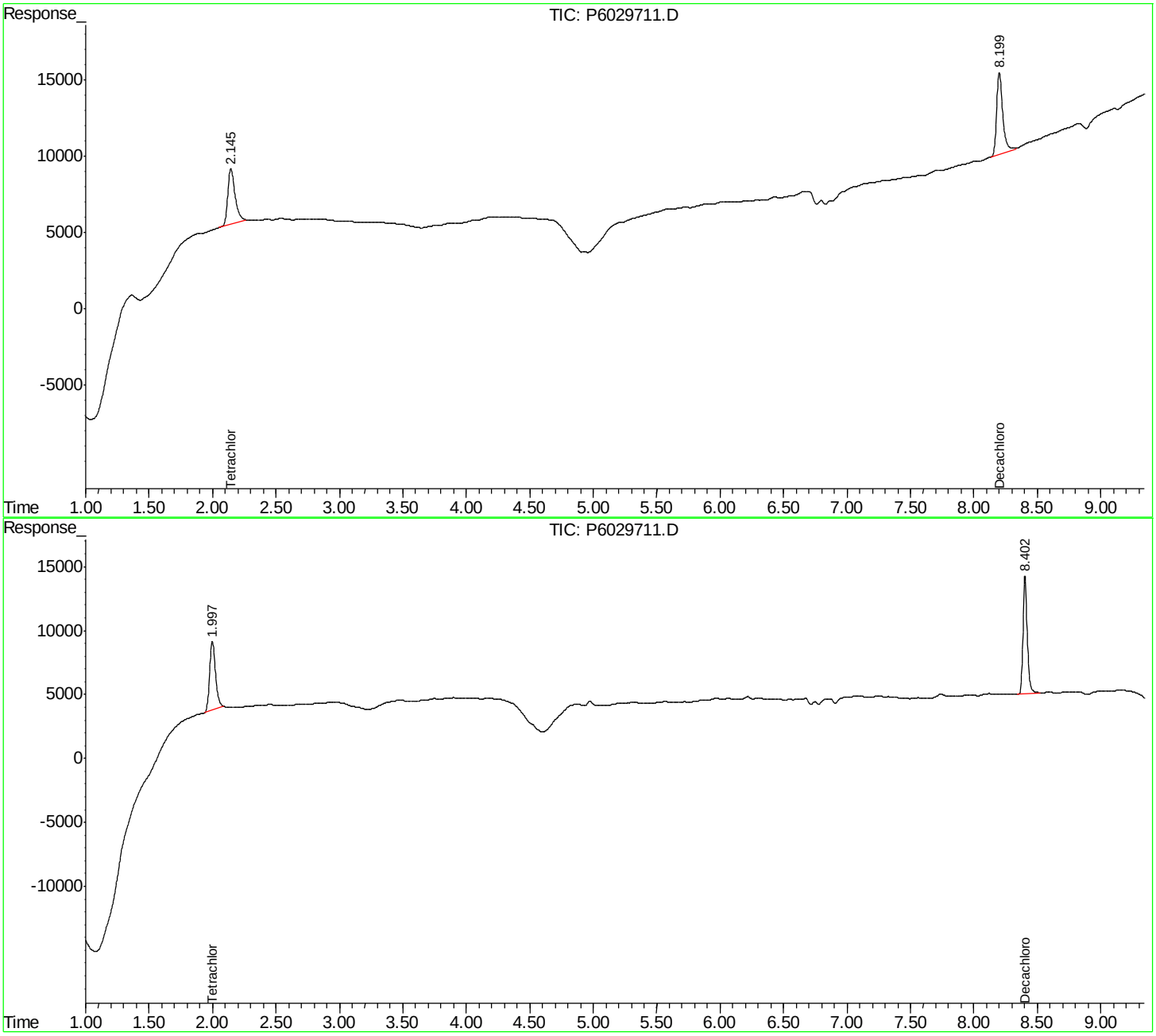
GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:41
Operator : BI
Sample : A3816-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:02:14 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:41
Operator : BI
Sample : A3816-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:02:14 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.999	143583	172327	12.924	11.761
2)	SA Decachlor...	8.201	8.403	180095	216471	10.813	10.385
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029712.D

% Moisture: 23 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

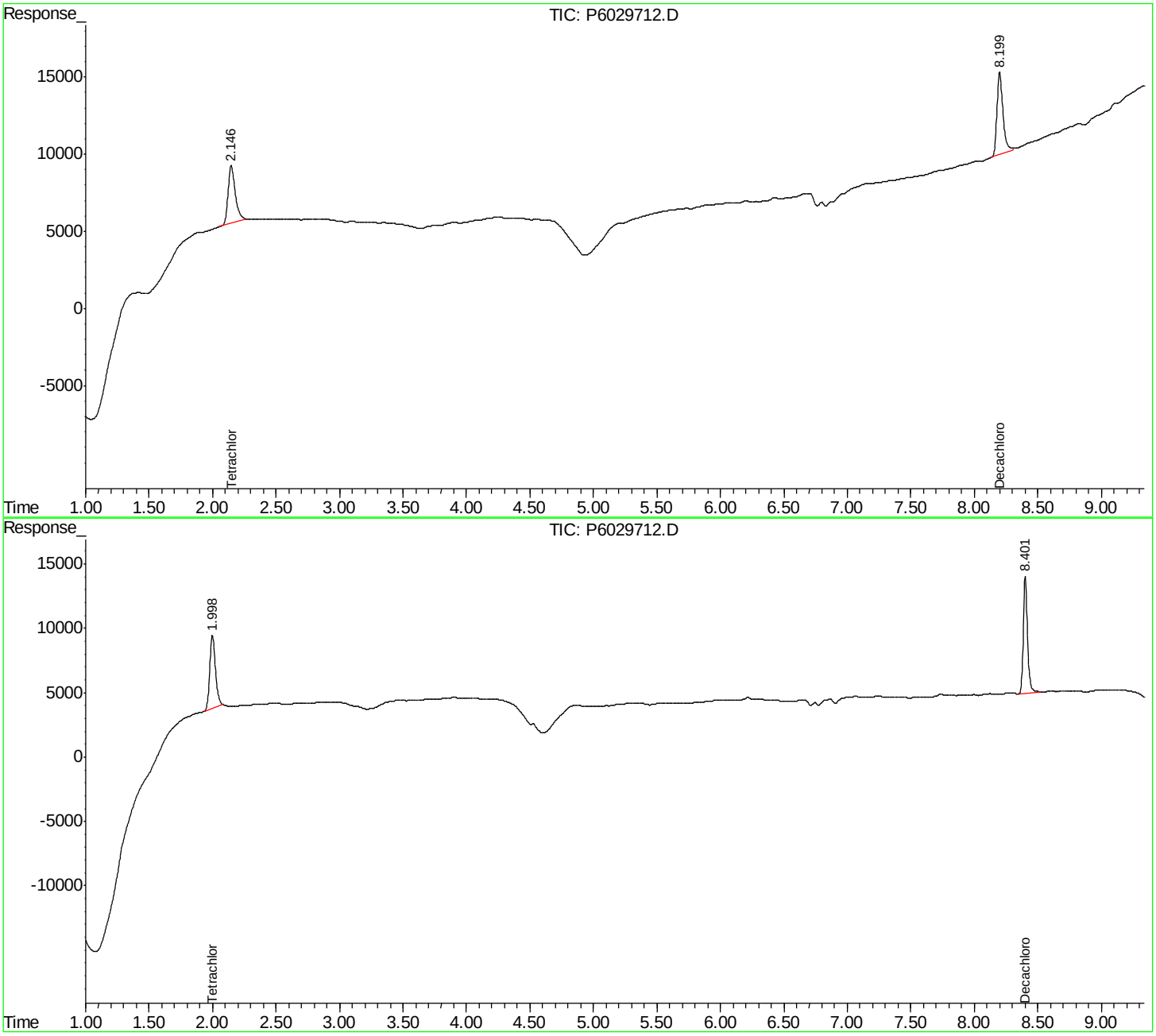
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:54
Operator : BI
Sample : A3816-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:03:42 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:54
Operator : BI
Sample : A3816-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:03:42 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	145833	177881	13.127	12.140
2)	SA Decachlor...	8.201	8.403	173104	212733	10.393	10.206
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029713.D

% Moisture: 19 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

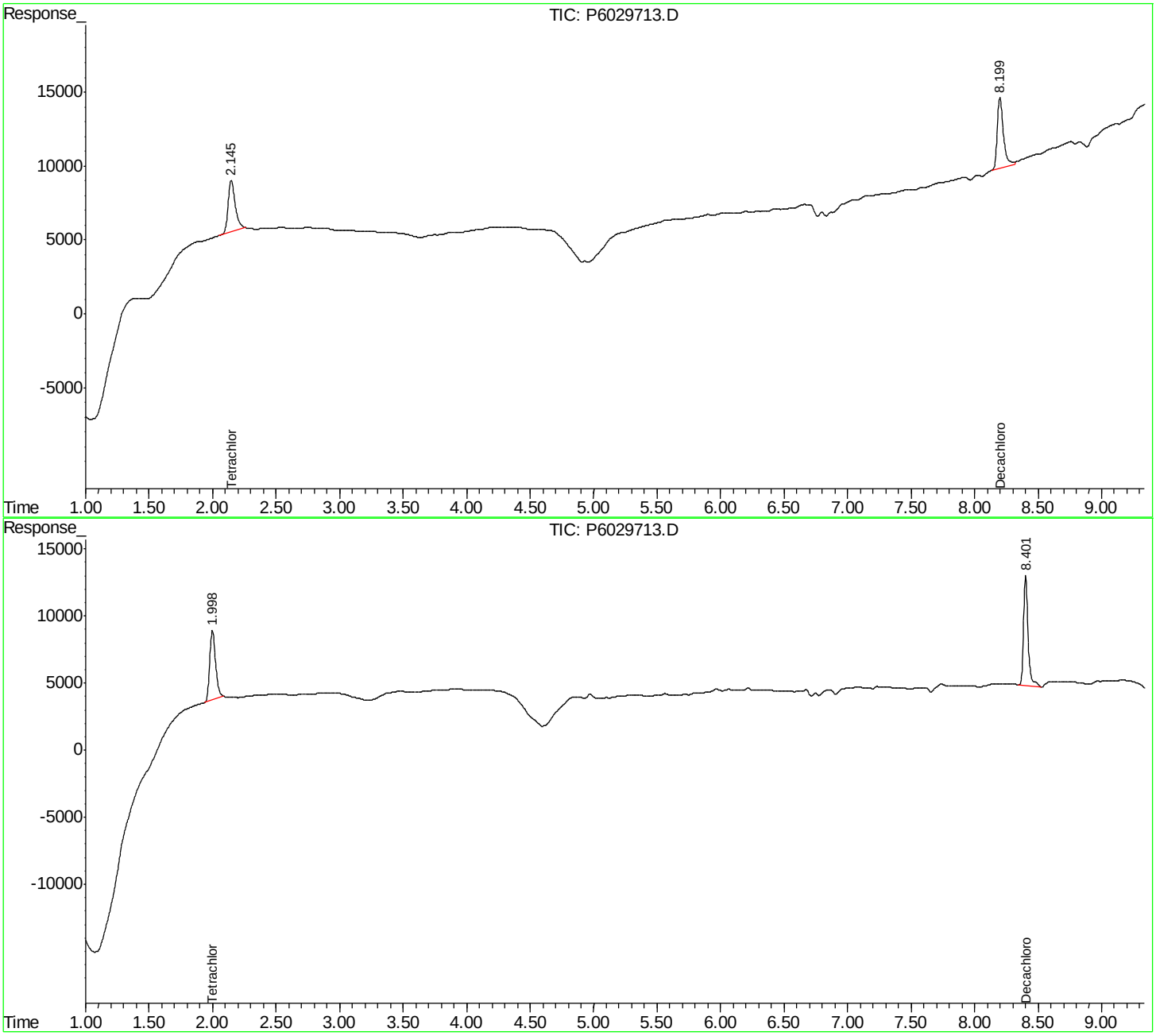
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:07
Operator : BI
Sample : A3816-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:05:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:07
Operator : BI
Sample : A3816-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:05:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	137432	166139	12.371	11.338
2)	SA Decachlor...	8.201	8.403	162246	202358	9.741	9.708
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029718.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

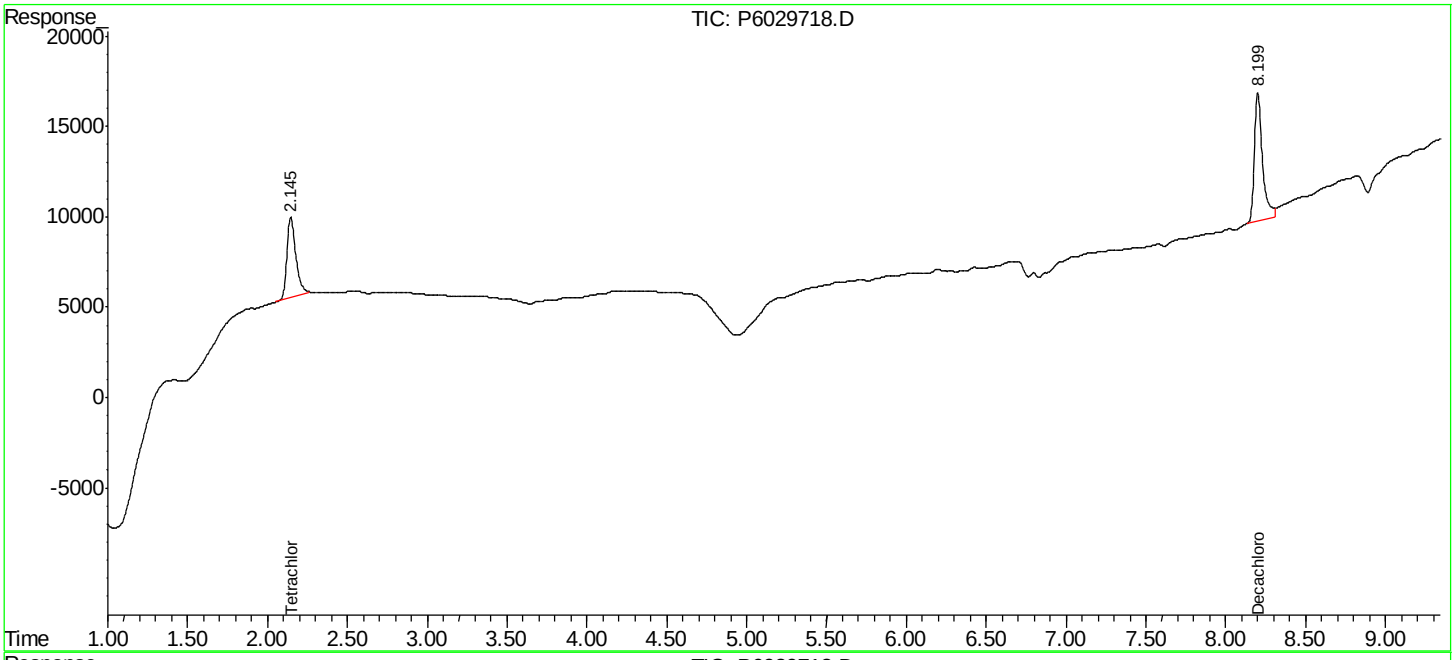
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

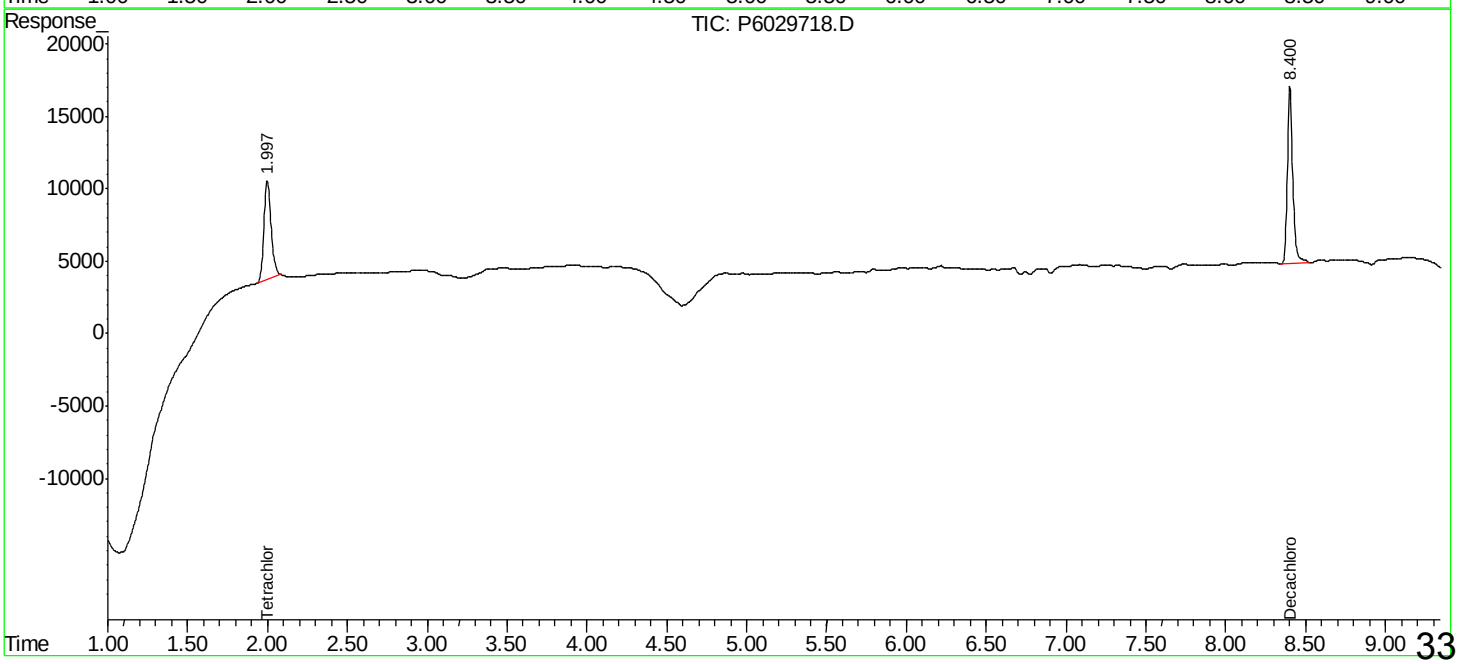
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029718.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:12
Operator : BI
Sample : A3816-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:24:10 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029718.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:12
Operator : BI
Sample : A3816-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:24:10 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	171196	213308	15.410	14.557
2)	SA Decachlor...	8.201	8.402	247914	286575	14.885	13.748
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029719.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

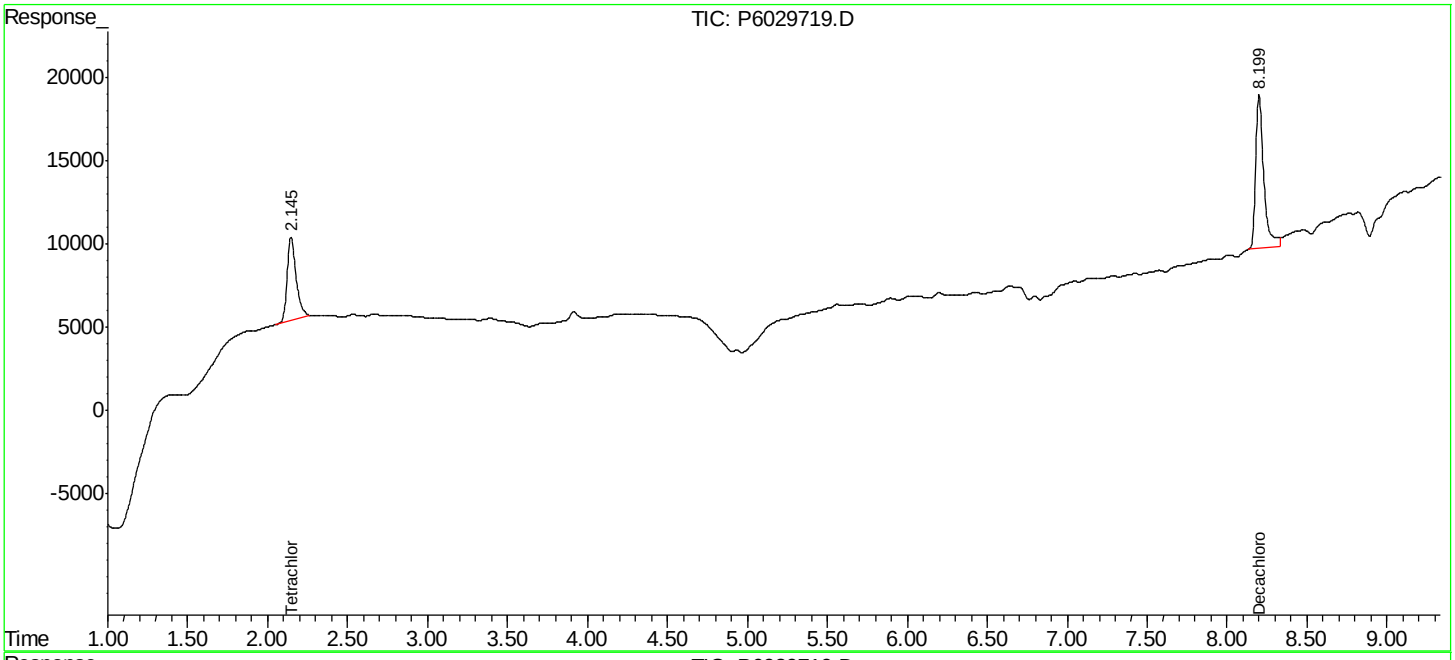
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	19	U
11104-28-2	AROCLOR 1221	19	U
11141-16-5	AROCLOR 1232	19	U
53469-21-9	AROCLOR 1242	19	U
12672-29-6	AROCLOR 1248	19	U
11097-69-1	AROCLOR 1254	19	U
11096-82-5	AROCLOR 1260	19	U

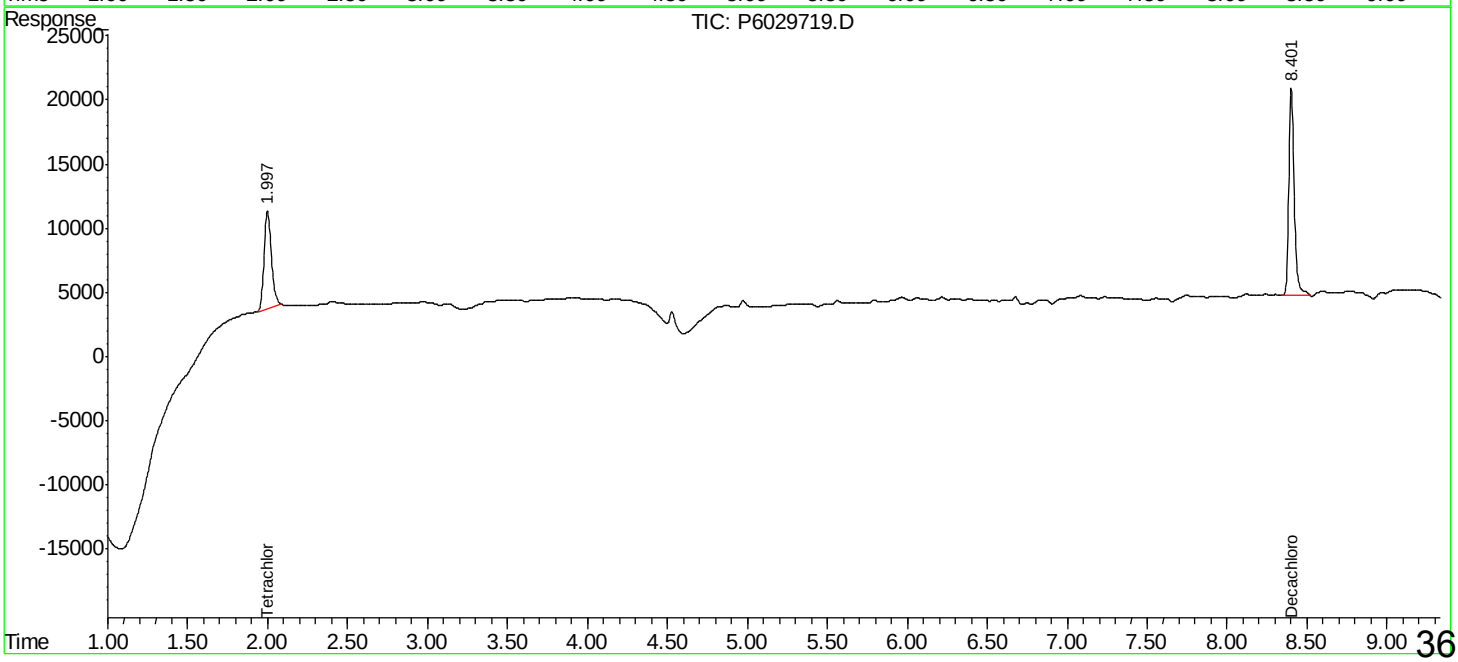
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029719.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:25
Operator : BI
Sample : A3816-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:27:26 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029719.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:25
Operator : BI
Sample : A3816-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:27:26 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	195404	240196	17.589	16.392
2)	SA Decachlor...	8.200	8.402	324491	380930	19.482	18.275
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029720.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

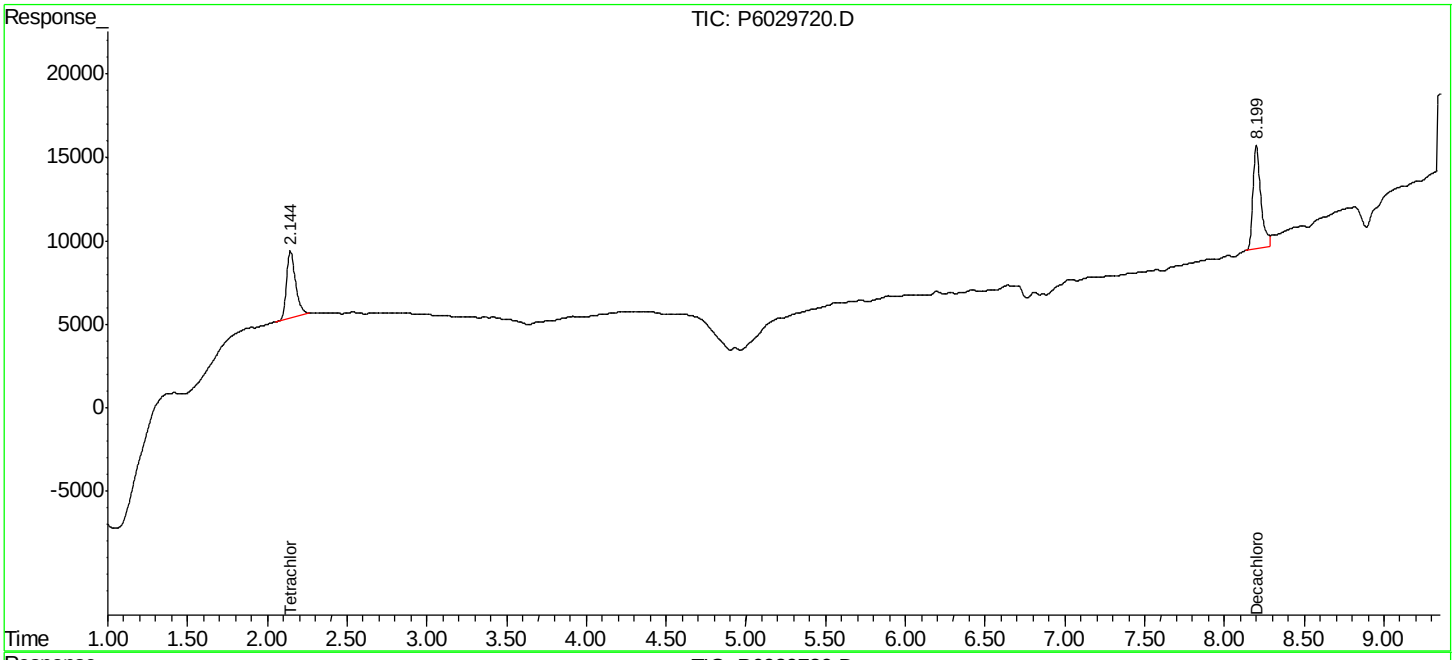
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

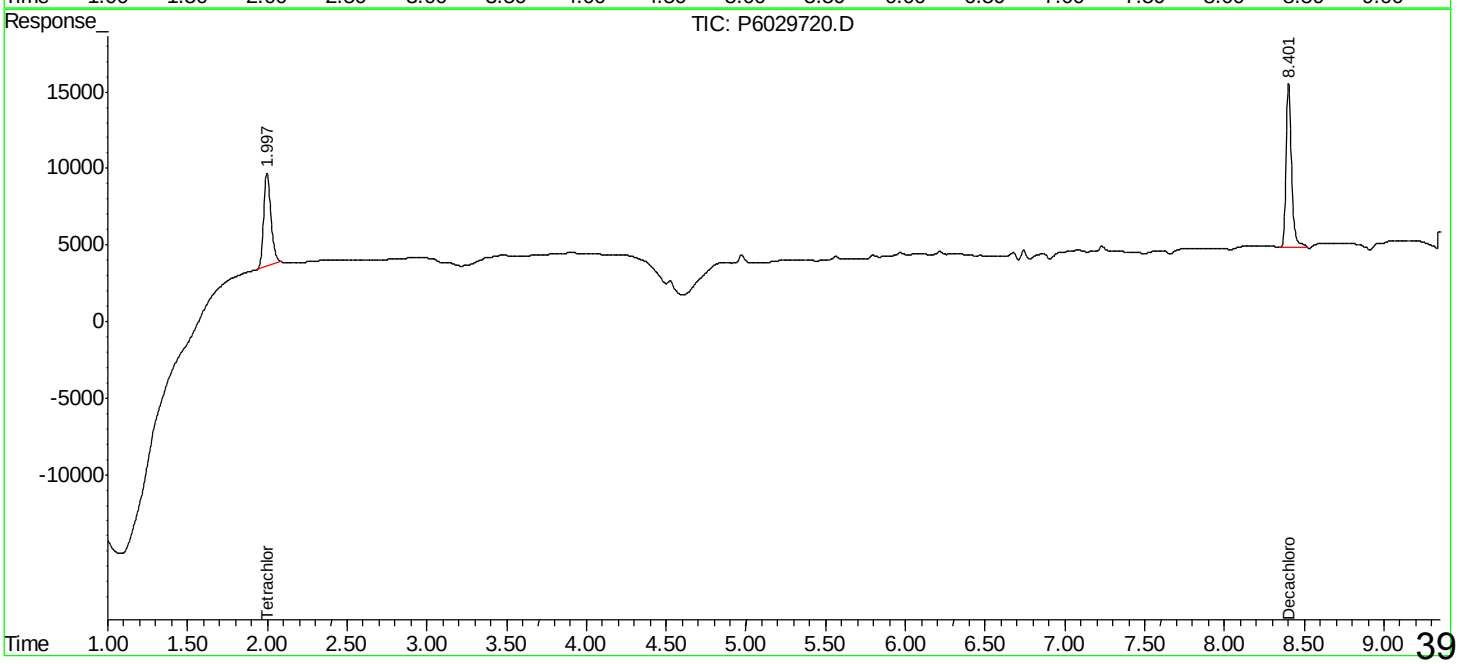
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029720.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:38
Operator : BI
Sample : A3816-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:29:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029720.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:38
Operator : BI
Sample : A3816-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:29:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.999	157601	192433	14.186	13.133
2)	SA Decachlor...	8.200	8.403	213951	254721	12.845	12.220
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029721.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

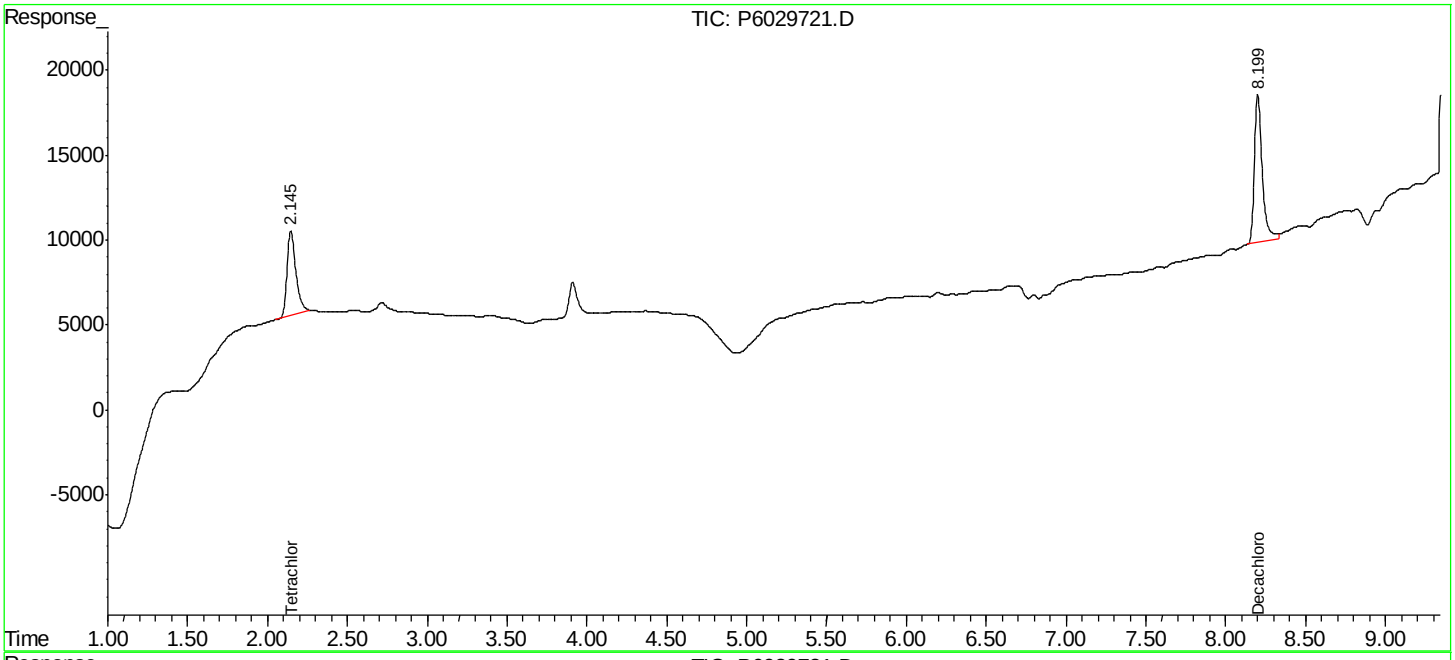
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

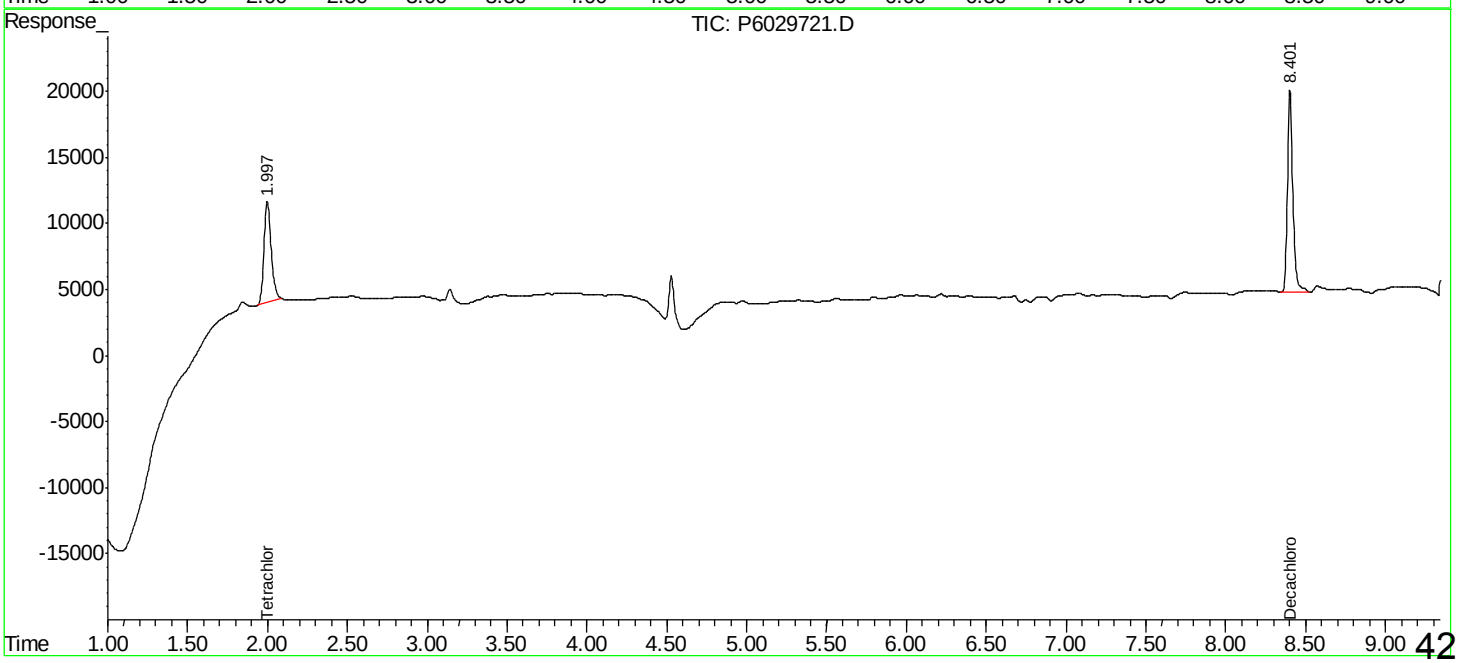
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029721.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:51
Operator : BI
Sample : A3816-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:56:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029721.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 19:51
Operator : BI
Sample : A3816-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:56:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	190627	237362	17.159	16.199
2)	SA Decachlor...	8.200	8.402	300875	361008	18.064	17.319
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029722.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

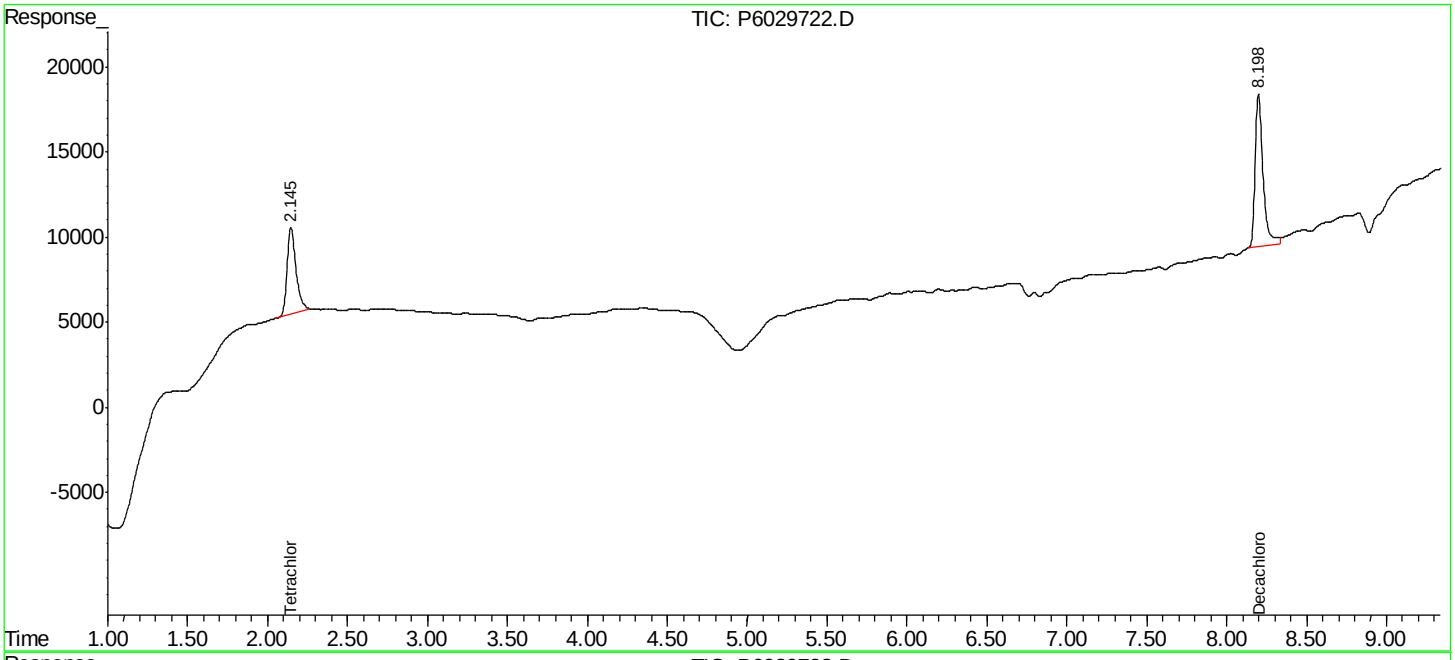
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

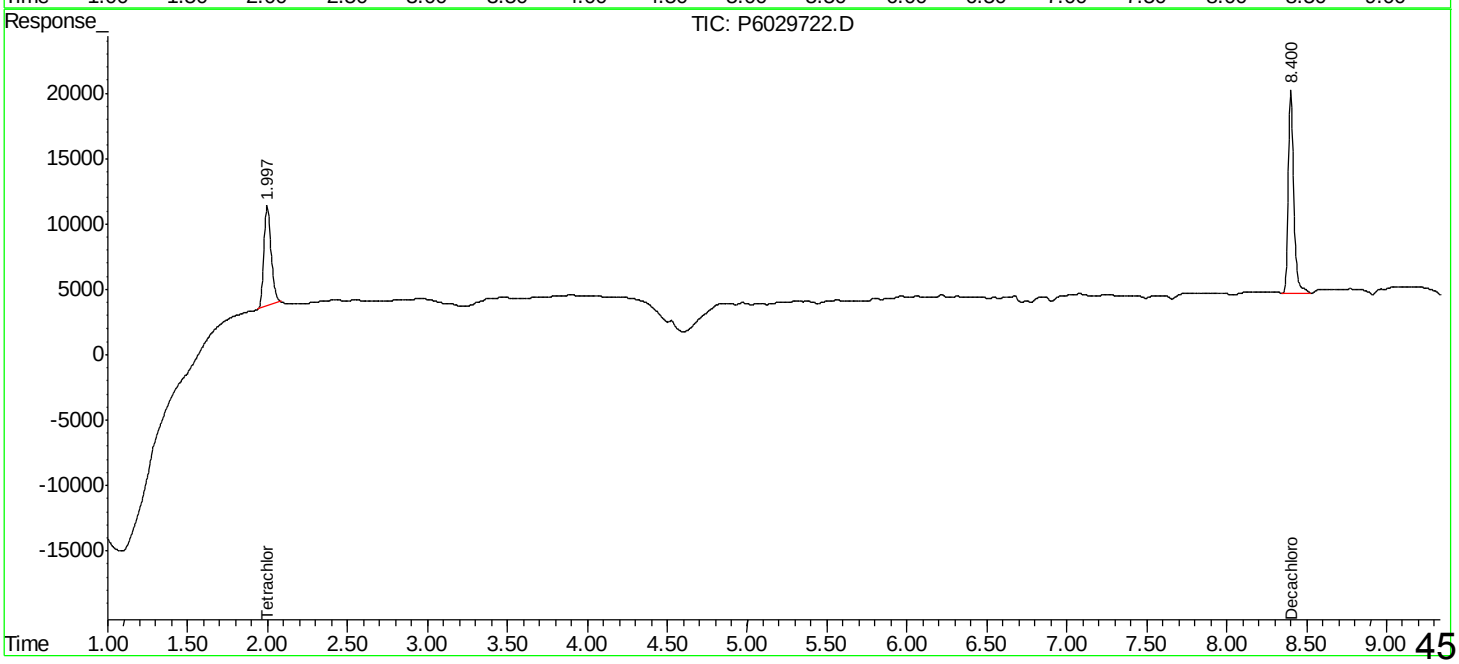
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029722.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:04
Operator : BI
Sample : A3816-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:58:30 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029722.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:04
Operator : BI
Sample : A3816-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:58:30 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.998	196185	244021	17.659	16.653
2)	SA Decachlor...	8.200	8.403	310489	369869	18.642	17.745
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029723.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

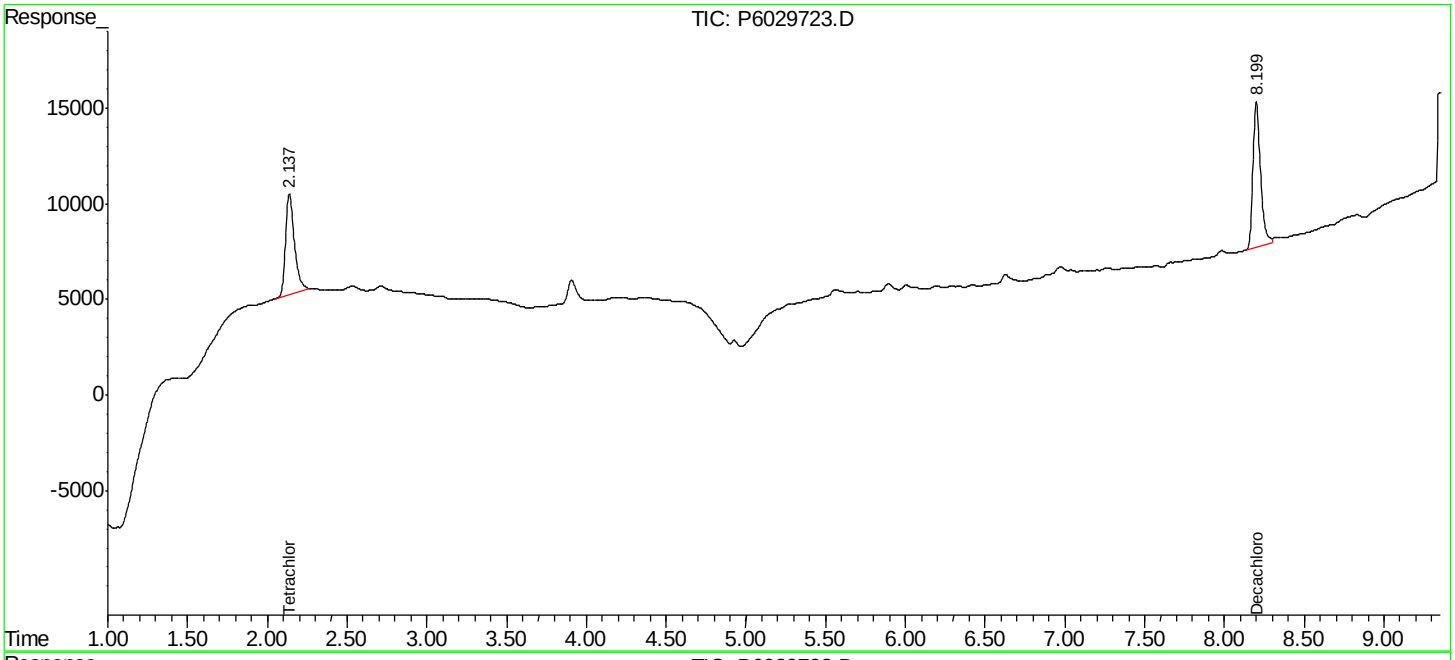
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

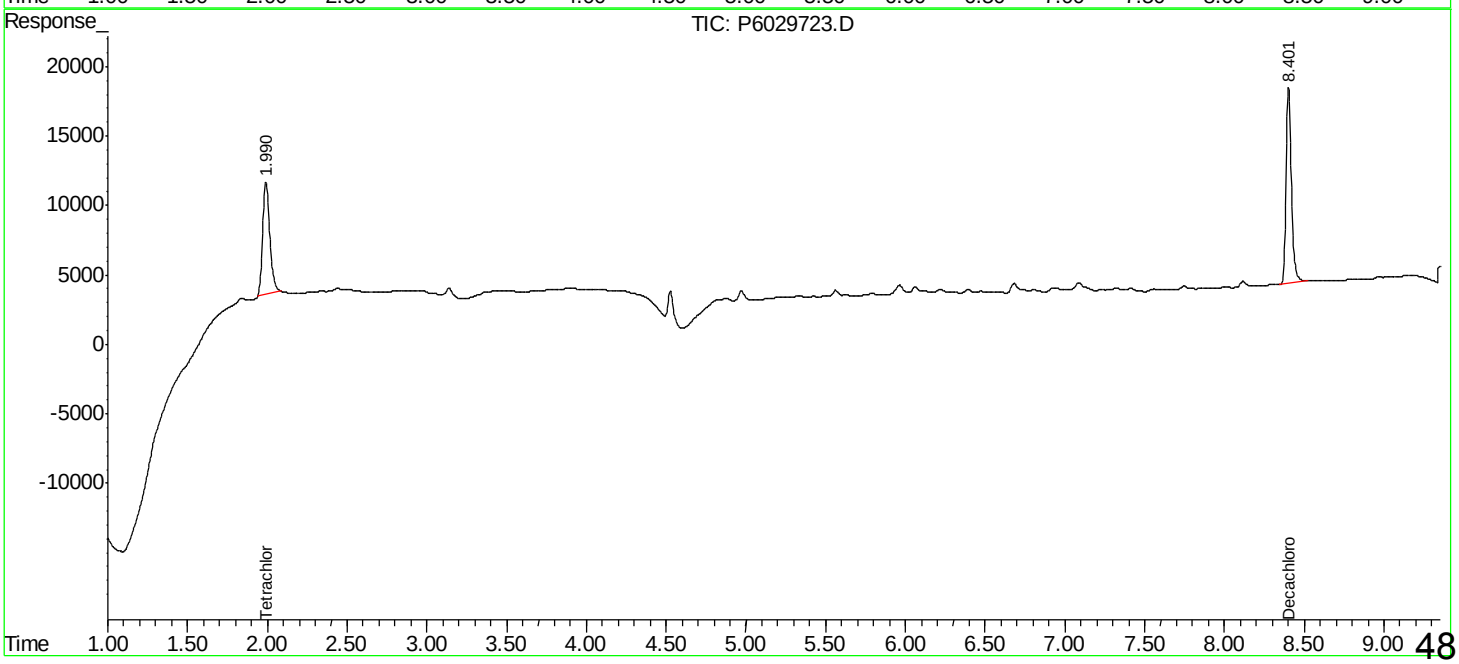
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029723.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:17
Operator : BI
Sample : A3816-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:00:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029723.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:17
Operator : BI
Sample : A3816-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:00:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.139	1.991	202826	252426	18.257	17.227
2)	SA Decachlor...	8.200	8.402	251577	326184	15.105	15.649
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) mL Lab File ID: P6029620.D

% Moisture: Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5 Sulfur Cleanup:(Y/N) N

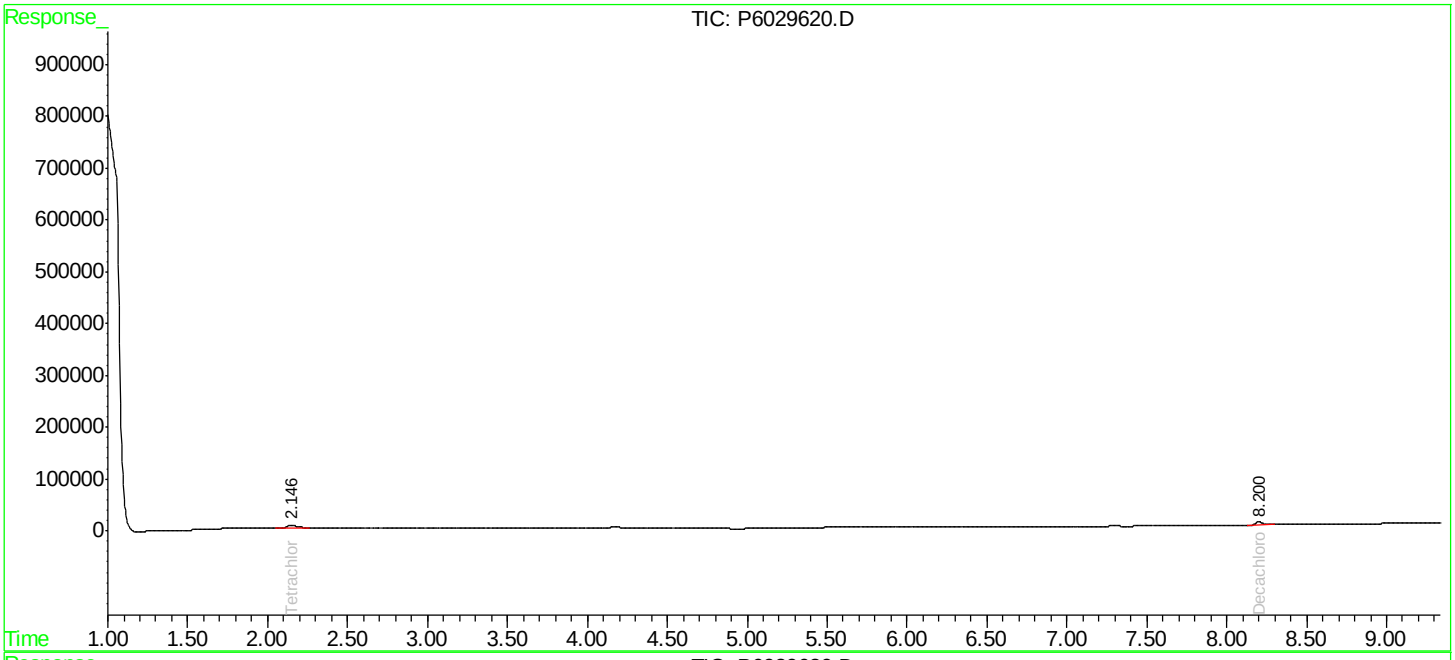
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.53	U
11104-28-2	AROCLOR 1221	0.53	U
11141-16-5	AROCLOR 1232	0.53	U
53469-21-9	AROCLOR 1242	0.53	U
12672-29-6	AROCLOR 1248	0.53	U
11097-69-1	AROCLOR 1254	0.53	U
11096-82-5	AROCLOR 1260	0.53	U

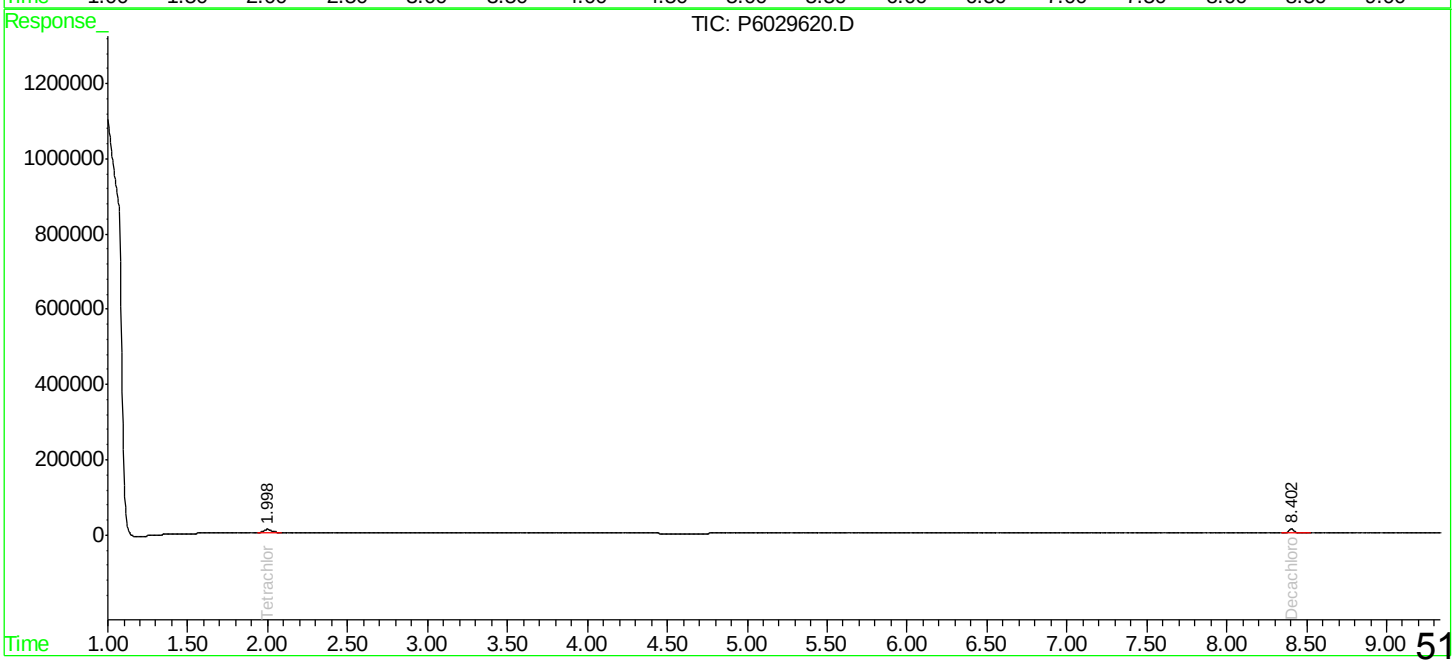
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 15:28
Operator : BI
Sample : A3816-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:34:29 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 15:28
Operator : BI
Sample : A3816-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:34:29 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	2.000	195420	251599	17.590	17.171
2)	SA Decachlor...	8.201	8.403	194902	248049	11.702	11.900
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029724.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029724.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:30
Operator : BI
Sample : A3816-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:01:35 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.999	189570	234304	17.064	15.990
2)	SA Decachlor...	8.200	8.403	223870	281977	13.441	13.528
	Target Compounds						

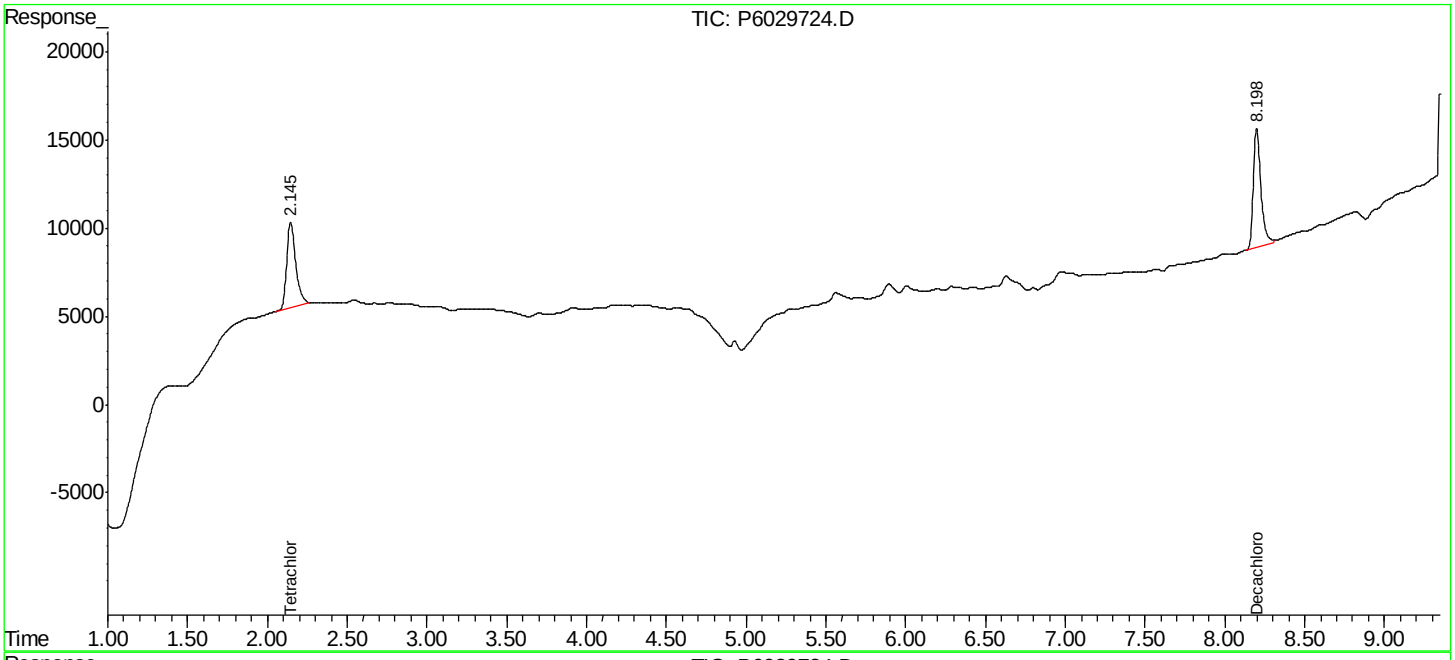
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

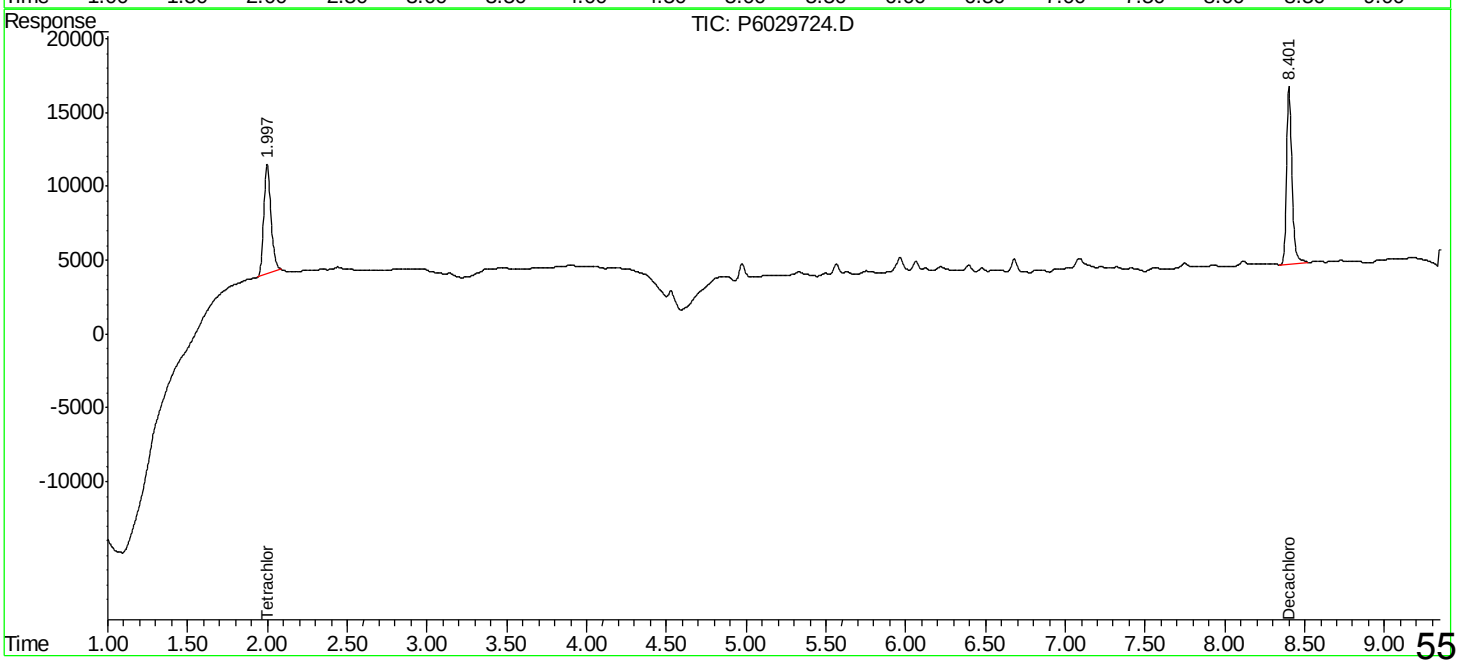
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029724.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:30
Operator : BI
Sample : A3816-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:01:35 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029725.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

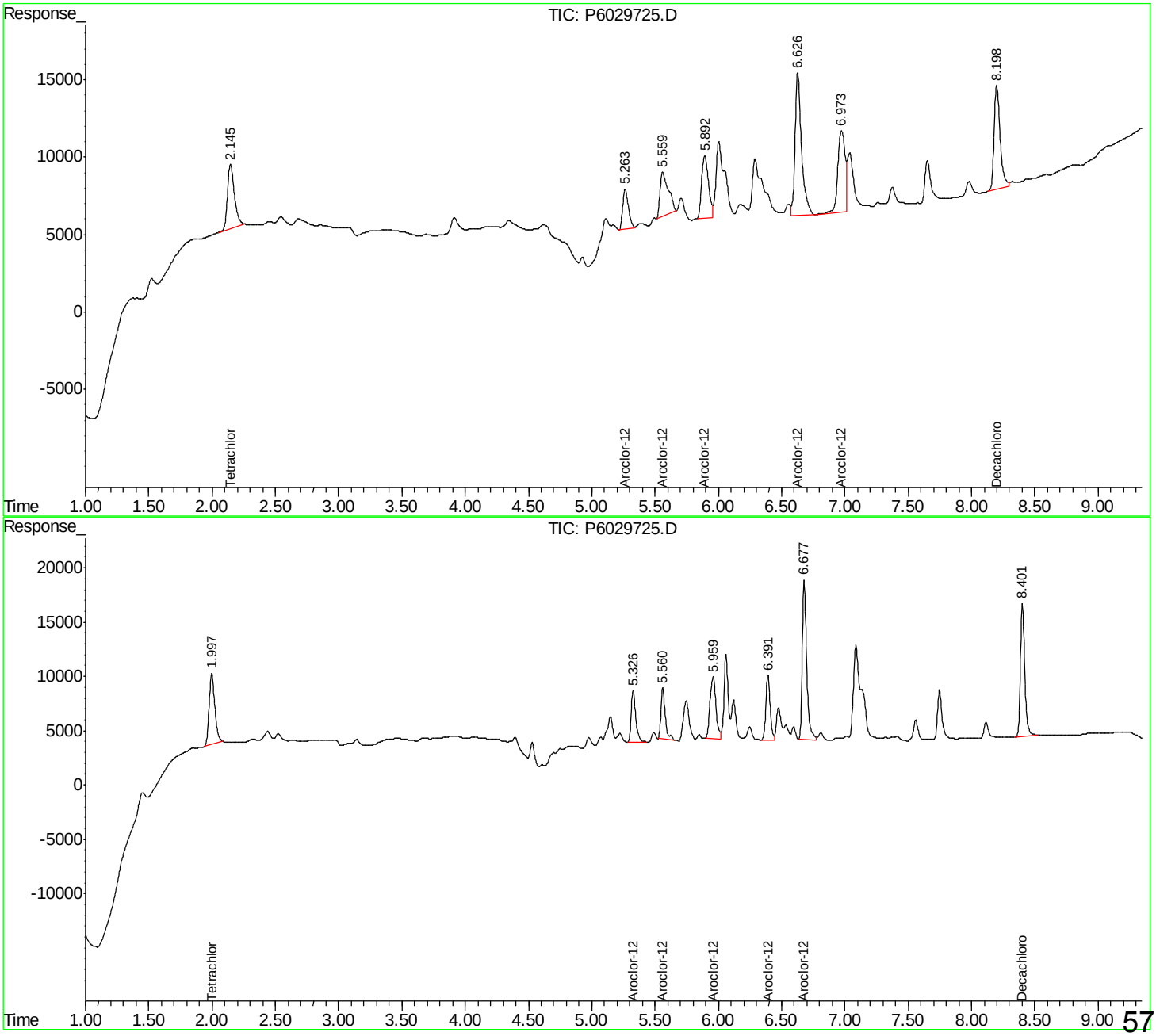
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	19	U
11104-28-2	AROCLOR 1221	19	U
11141-16-5	AROCLOR 1232	19	U
53469-21-9	AROCLOR 1242	19	U
12672-29-6	AROCLOR 1248	19	U
11097-69-1	AROCLOR 1254	19	U
11096-82-5	AROCLOR 1260	55	

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:43
Operator : BI
Sample : A3816-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:08:01 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



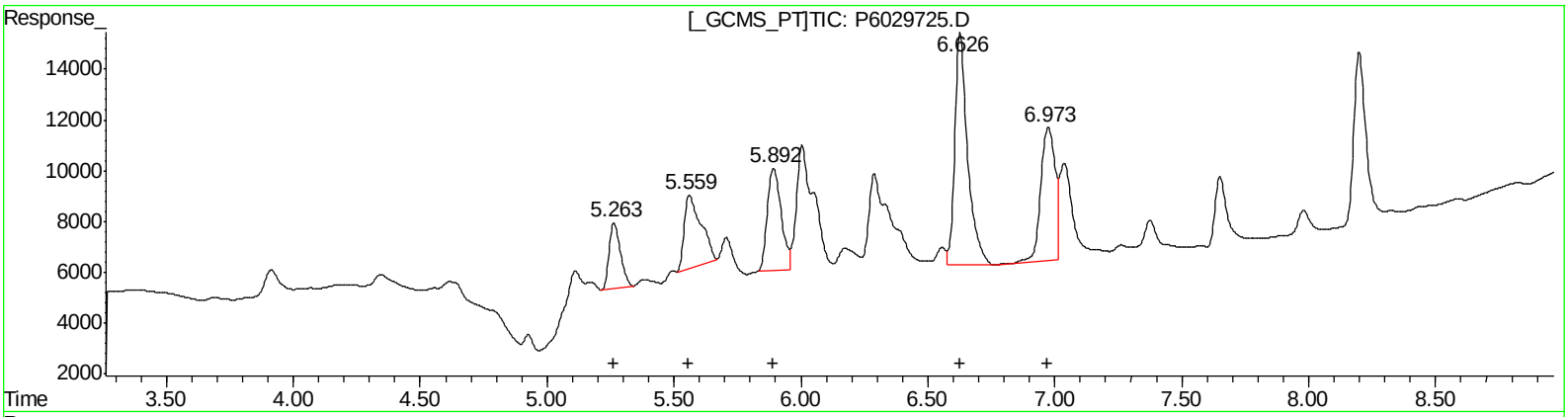
57

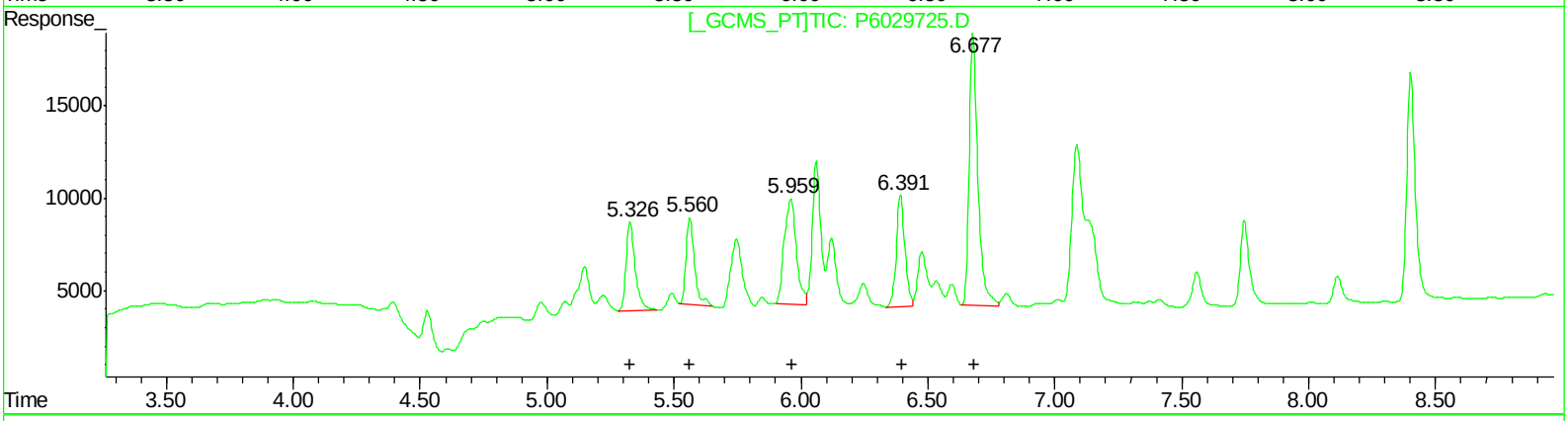
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 20:43
Operator : BI
Sample   : A3816-16
Misc   :
ALS Vial : 35   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:05:24 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	80559	127.49
5.56	131064	106.07
5.89	152793	121.29
6.63	325377	159.81
6.97	210568	168.46

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	119396	133.94
5.56	110301	106.04
5.96	185952	135.01
6.39	141071	156.17
6.68	351865	183.48

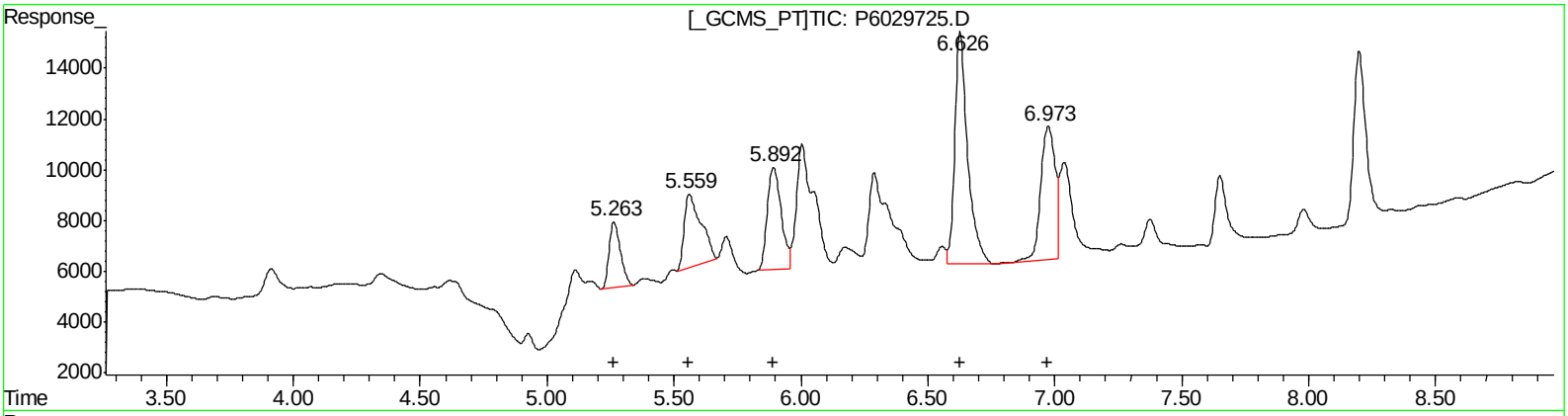
(+) = Expected Retention Time

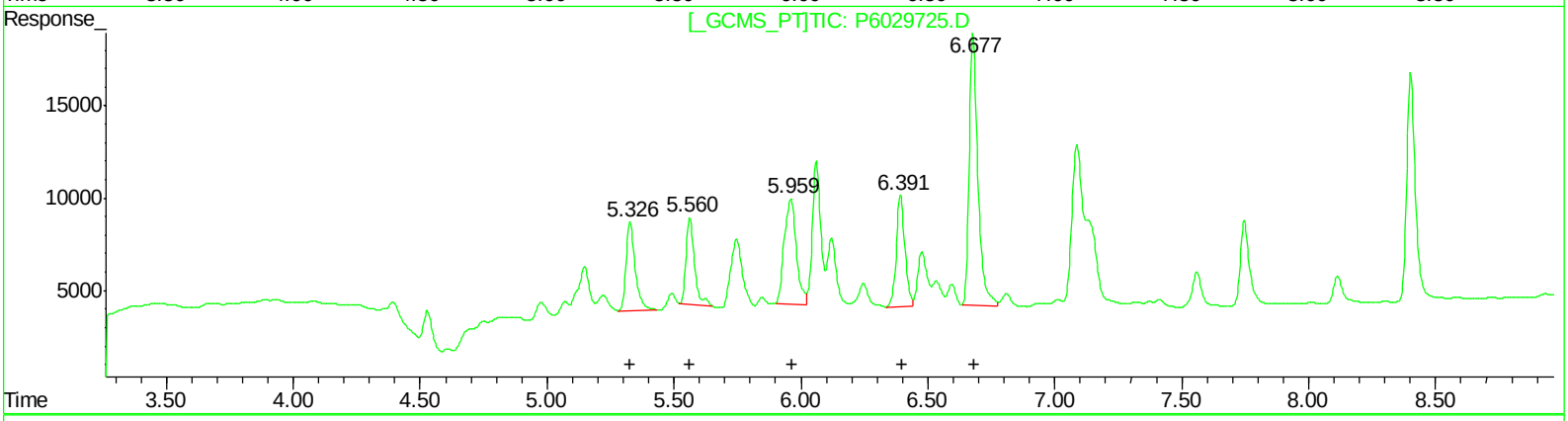
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 20:43
Operator : BI
Sample   : A3816-16
Misc   :
ALS Vial : 35   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:05:24 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	80559	127.49
5.56	131064	106.07
5.89	152793	121.29
6.63	325377	159.81
6.97	210568	168.46

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	119396	133.94
5.56	110301	106.04
5.96	185952	135.01
6.39	141071	156.17
6.68	352023	183.56

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029725.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:43
Operator : BI
Sample : A3816-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:08:01 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.998	159826	203668	14.386	13.900
2)	SA Decachlor...	8.200	8.402	222280	288804	13.346	13.855
	Target Compounds						
31)	L7 Aroclor-1...	5.265	5.328	80559	119396	127.495	133.935
32)	L7 Aroclor-1...	5.561	5.562	131064	110301	106.070	106.039
33)	L7 Aroclor-1...	5.893	5.960	152793	185952	121.289	135.012
34)	L7 Aroclor-1...	6.627	6.393	325377	141071	159.812	156.169
35)	L7 Aroclor-1...	6.975	6.677	210568	352023	168.465	183.564m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029726.D

% Moisture: 17 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

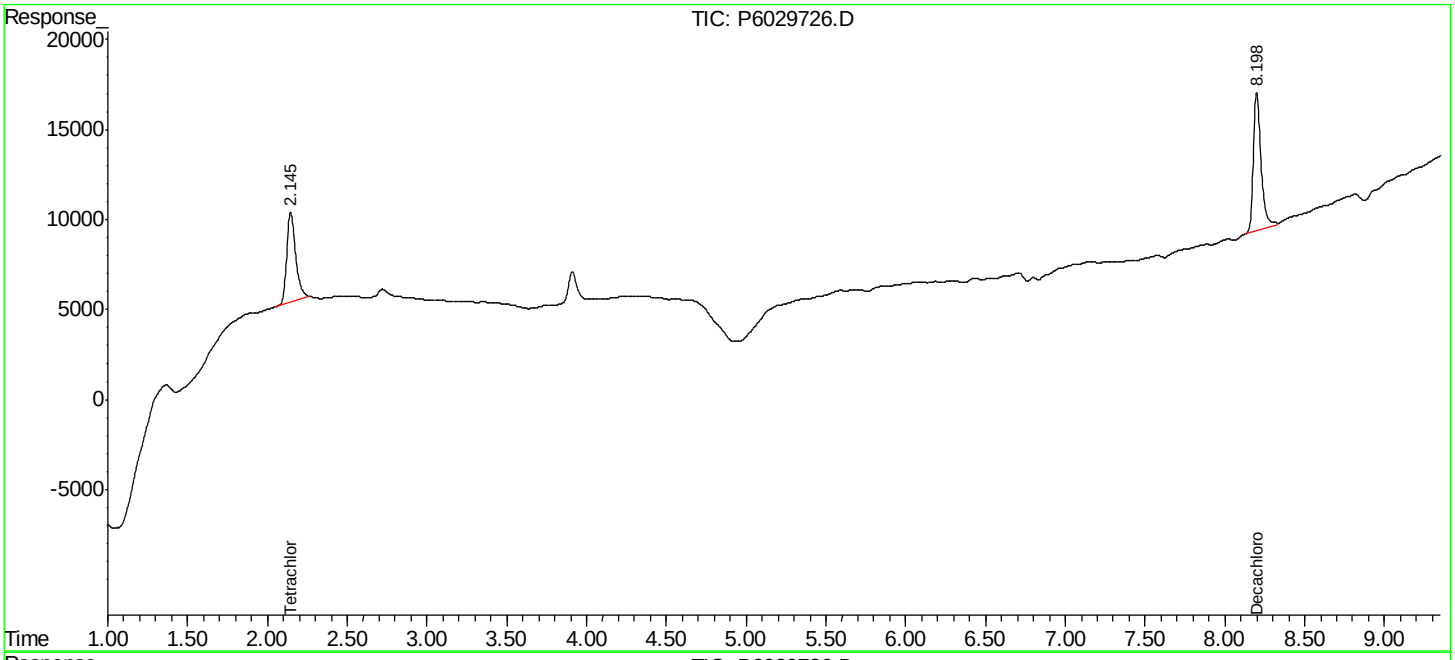
GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

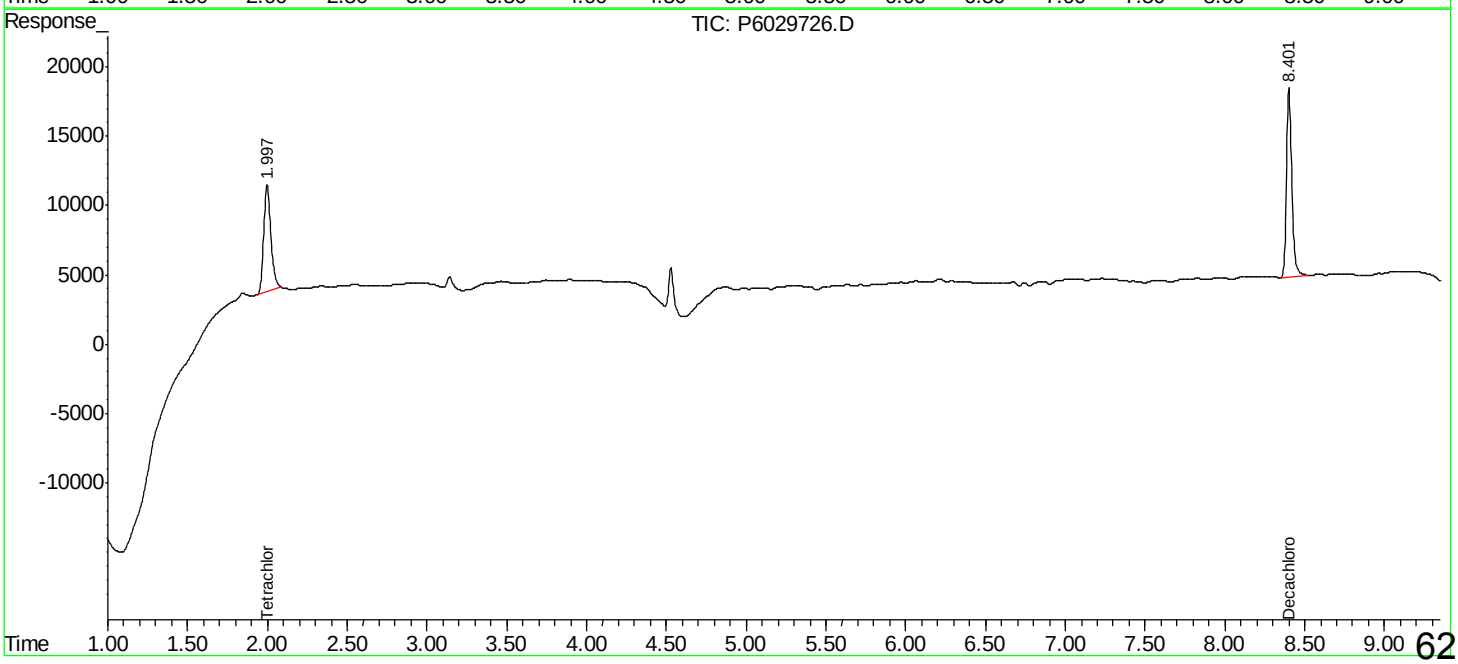
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029726.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:56
Operator : BI
Sample : A3816-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:09:45 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029726.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 20:56
Operator : BI
Sample : A3816-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:09:45 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.998	193407	240382	17.409	16.405
2)	SA Decachlor...	8.200	8.402	256584	319154	15.405	15.311
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029727.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

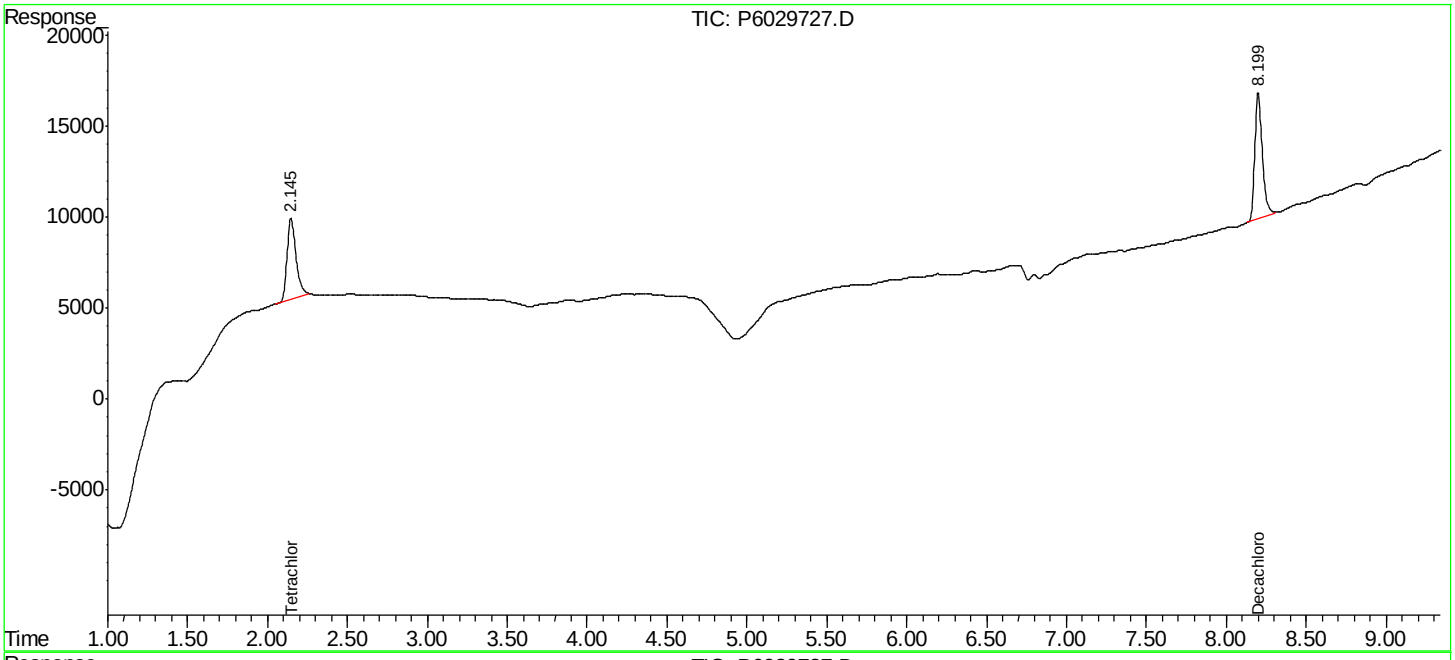
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

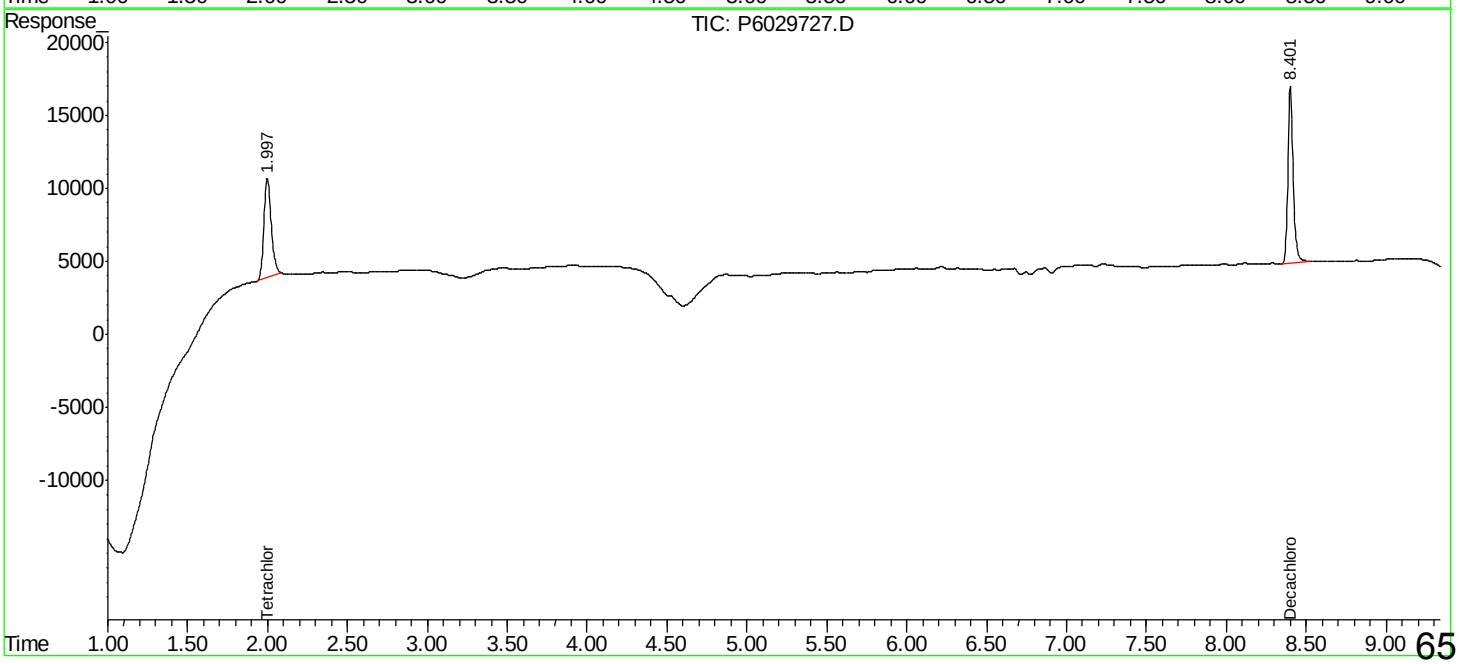
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 21:09
Operator : BI
Sample : A3816-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:44:42 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029727.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 21:09
Operator : BI
Sample : A3816-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:44:42 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	173562	215411	15.623	14.701
2)	SA Decachlor...	8.201	8.402	226969	282788	13.627	13.567
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029732.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

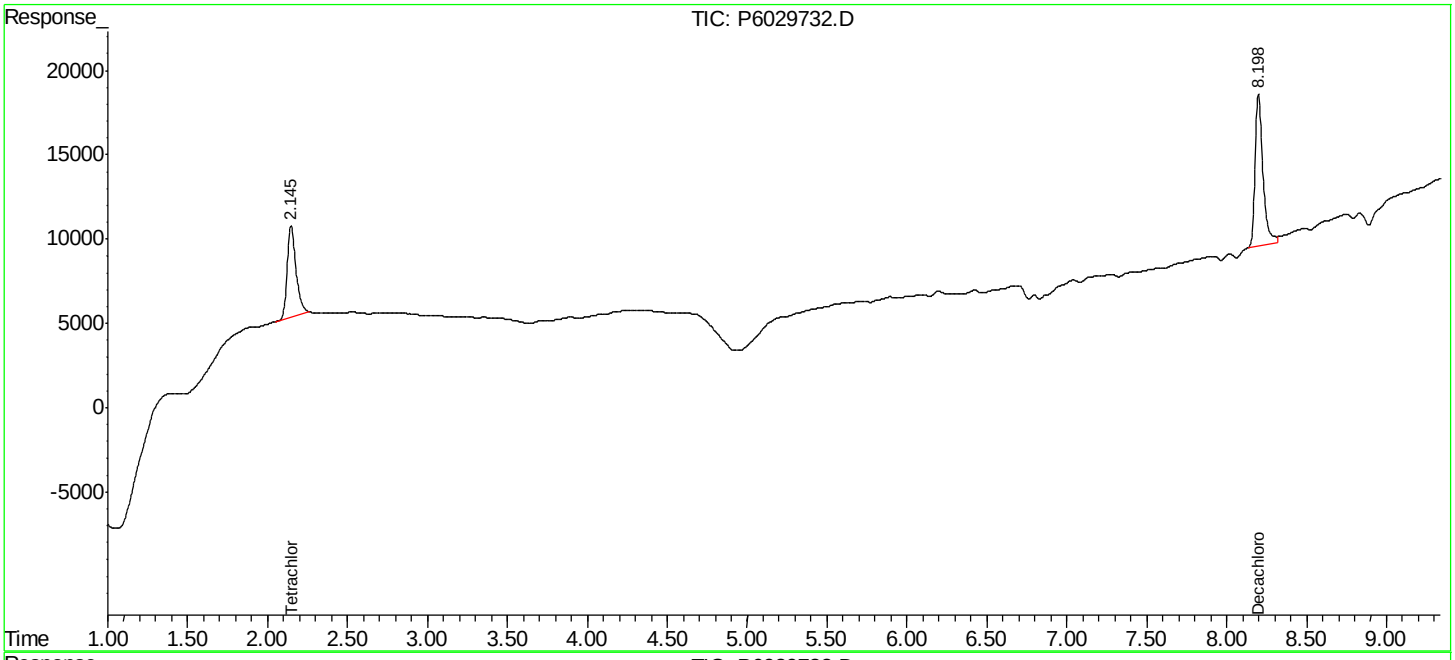
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

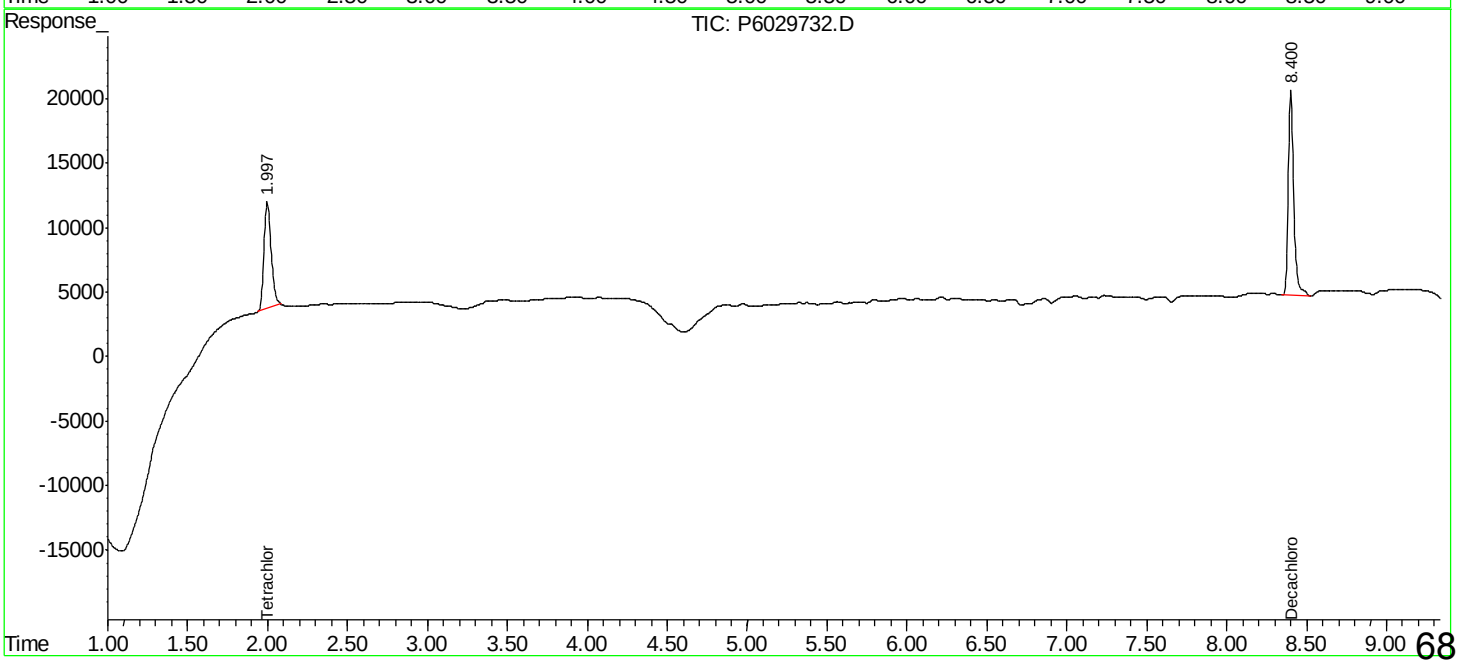
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:14
Operator : BI
Sample : A3816-19
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:52:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:14
Operator : BI
Sample : A3816-19
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:52:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.998	208551	261808	18.772	17.867
2)	SA Decachlor...	8.201	8.403	305587	377944	18.347	18.132
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029733.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

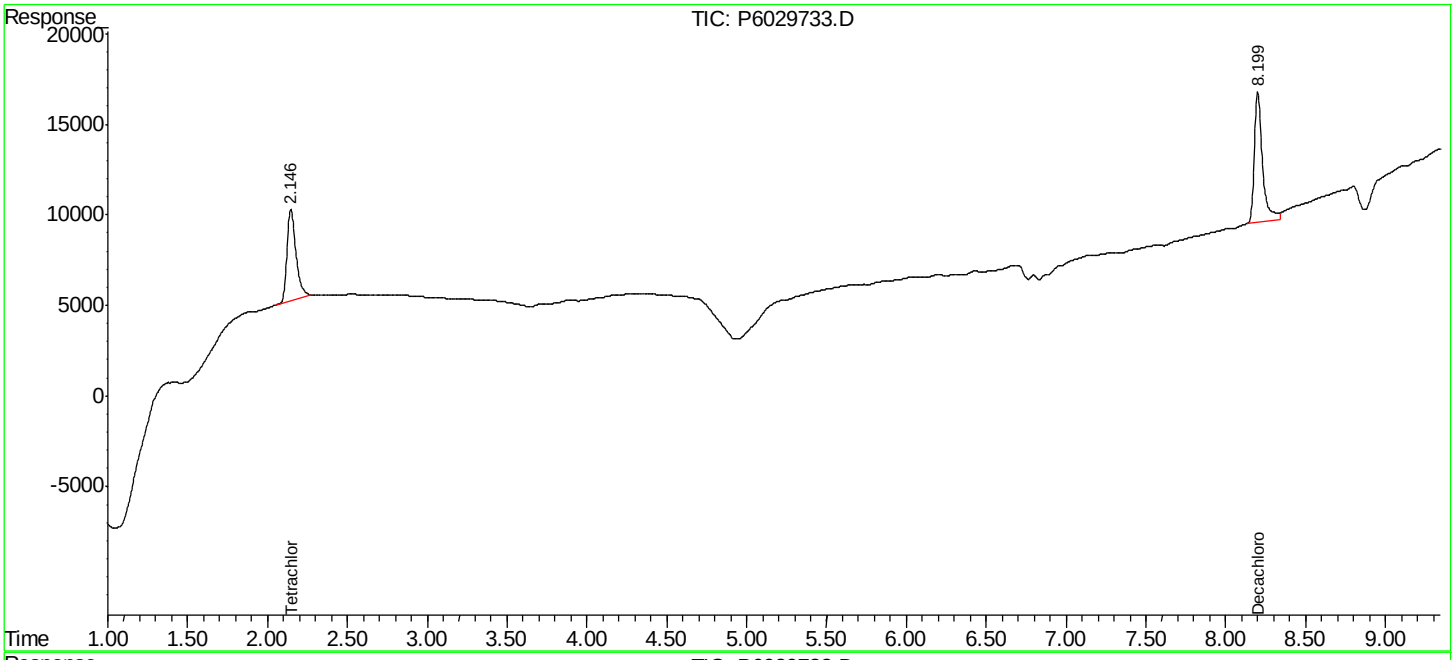
GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

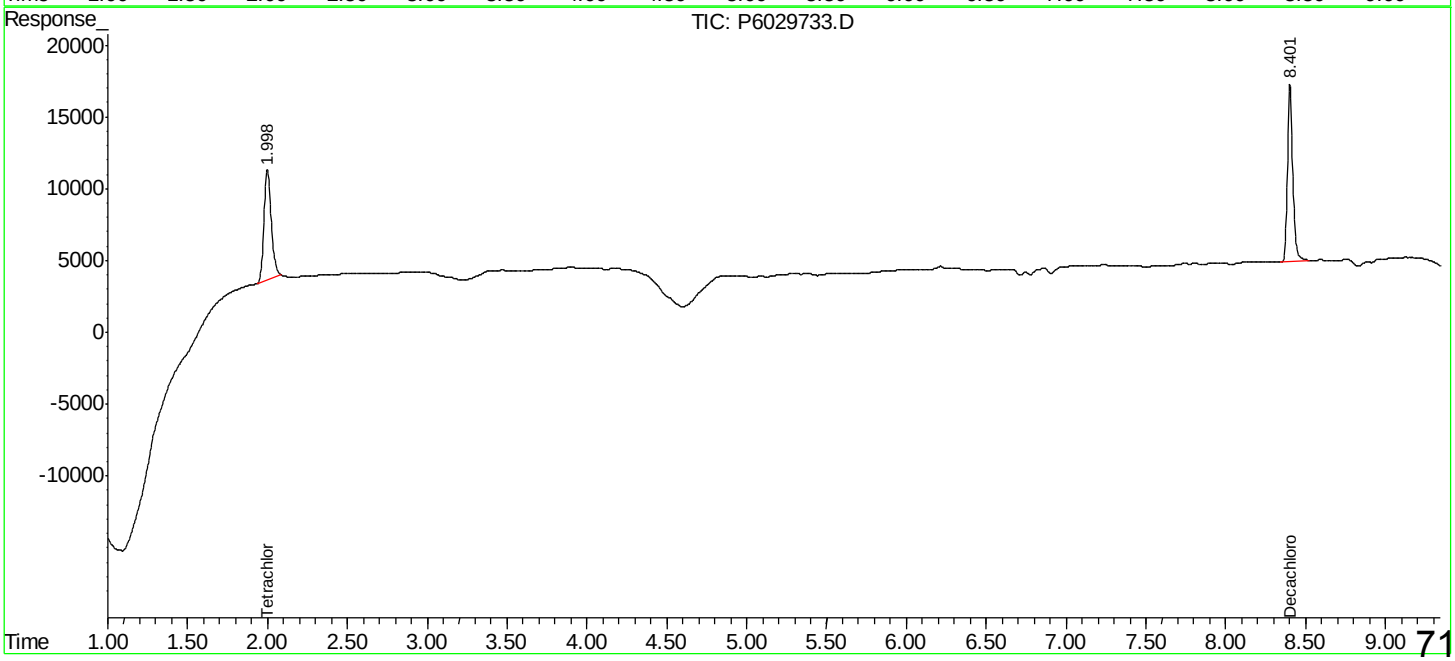
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:27
Operator : BI
Sample : A3816-20
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:54:20 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:27
Operator : BI
Sample : A3816-20
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:54:20 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	1.999	196668	242759	17.703	16.567
2)	SA Decachlor...	8.201	8.403	257591	288538	15.466	13.843
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029734.D

% Moisture: 14 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

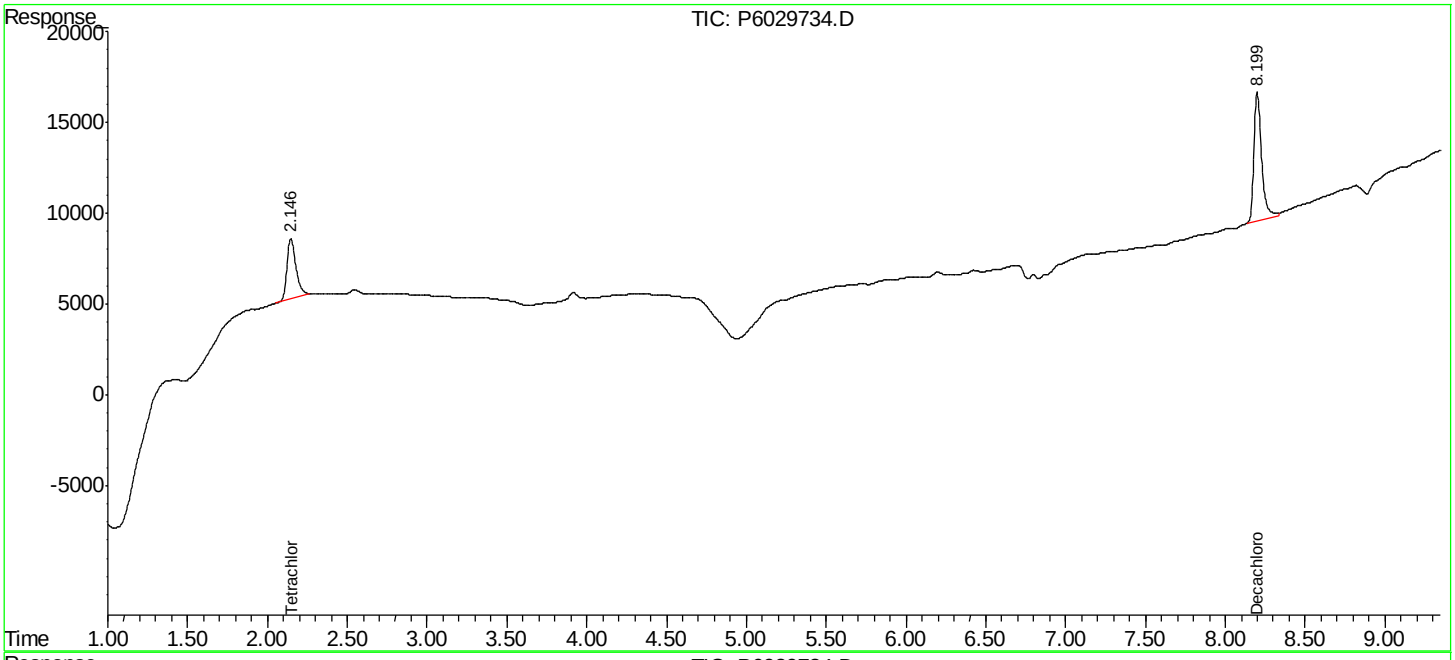
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

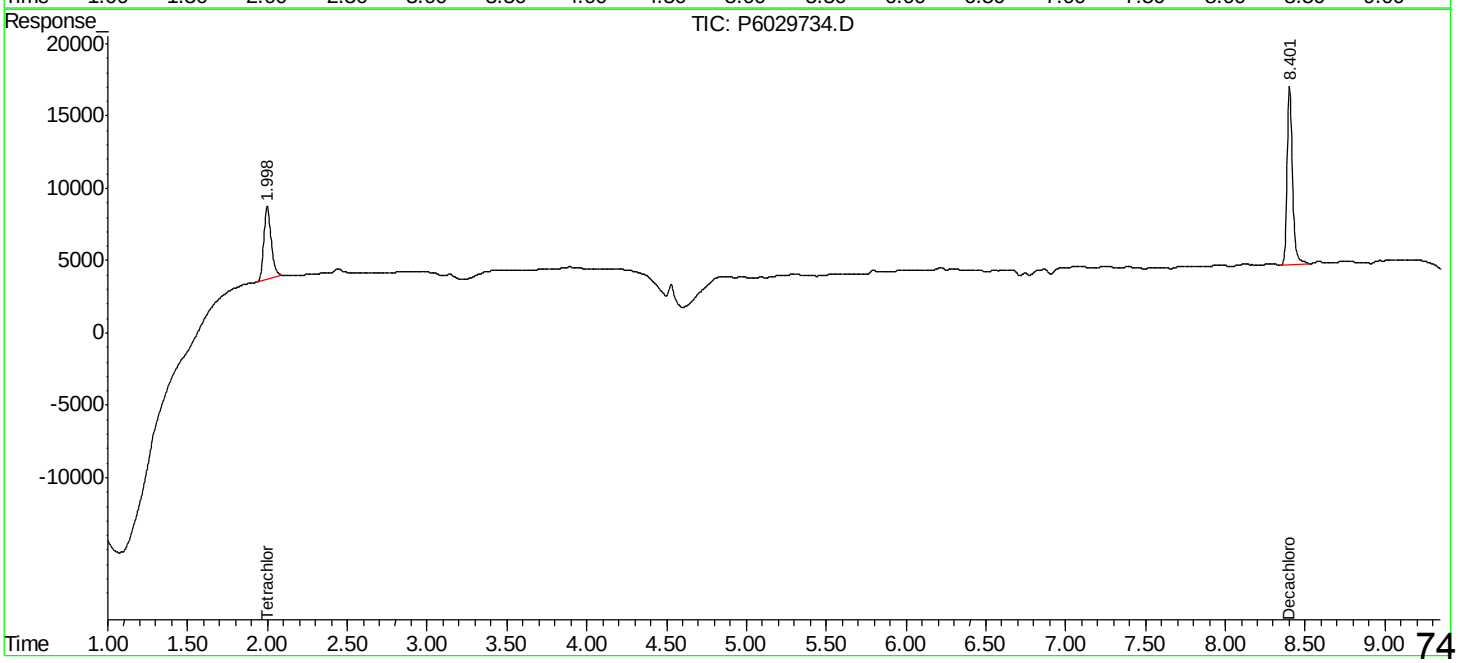
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029734.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:40
Operator : BI
Sample : A3816-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:57:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029734.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:40
Operator : BI
Sample : A3816-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:57:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	1.999	129714	158489	11.676	10.816
2)	SA Decachlor...	8.201	8.403	238355	288310	14.311	13.832
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029735.D

% Moisture: 22 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

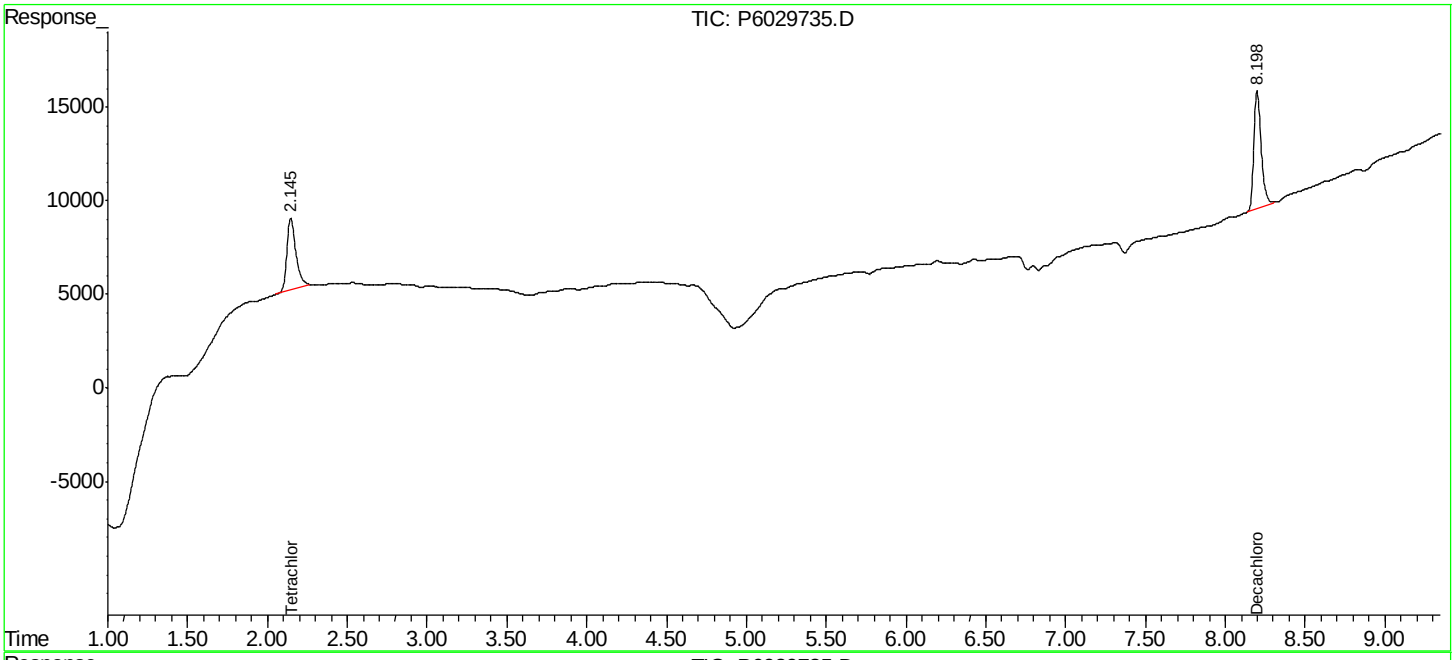
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

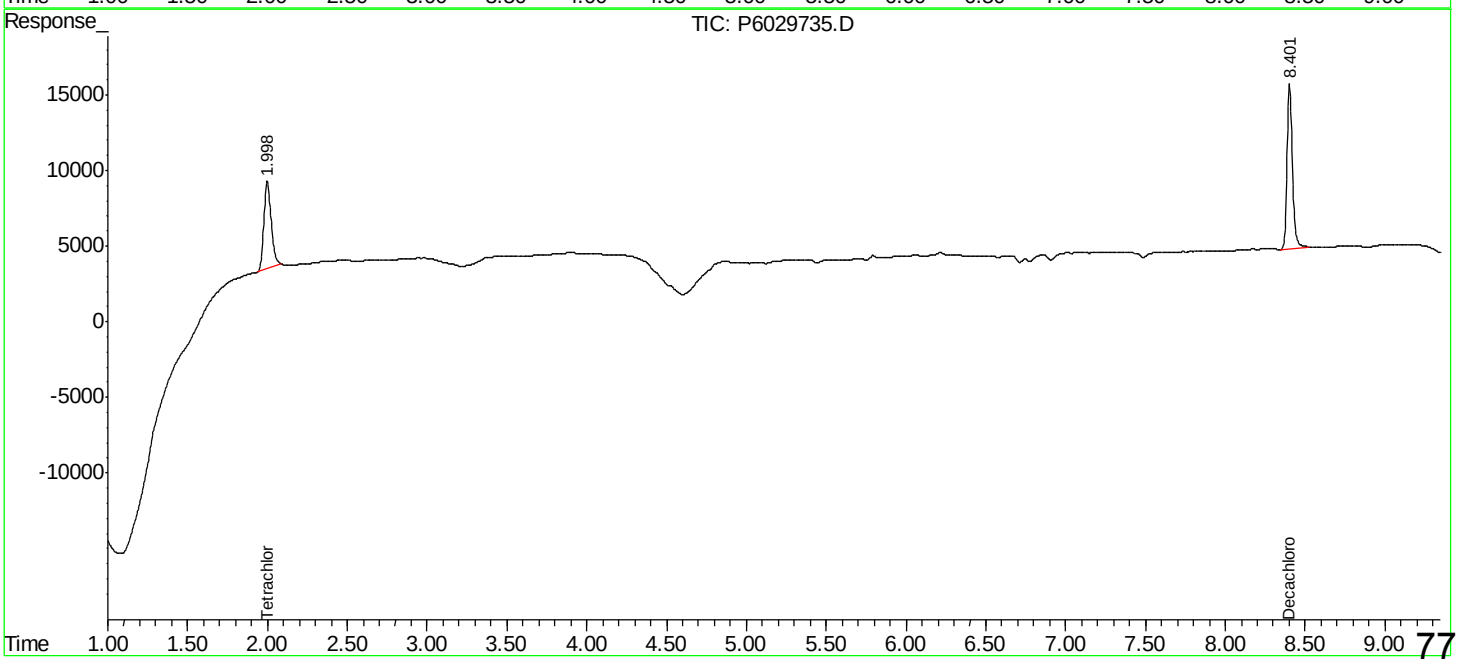
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029735.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:53
Operator : BI
Sample : A3816-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:58:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029735.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:53
Operator : BI
Sample : A3816-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:58:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	149595	182323	13.466	12.443
2)	SA Decachlor...	8.200	8.403	202921	253637	12.183	12.168
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB CALIBRATION DATA

PCB

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 7/8/2009 7/8/2009

Calibration Times: 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

LAB FILE ID: RT50 = P6028235.D RT250 = P6028234.D

RT500 = P6028233.D RT750 = P6028232.D RT1000 = P6028231.D

COMPOUND	RT50	RT250	RT500	RT750	RT1000	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Tetrachloro-m-xylene	2.13	2.13	2.13	2.13	2.13	2.13	2.08	2.18
Decachlorobiphenyl	8.20	8.20	8.20	8.20	8.20	8.20	8.10	8.30
AROCLOR 1016 (1)	2.86	2.86	2.86	2.86	2.86	2.86	2.81	2.91
AROCLOR 1016 (2)	3.07	3.07	3.07	3.07	3.07	3.07	3.02	3.12
AROCLOR 1016 (3)	3.34	3.34	3.34	3.34	3.34	3.34	3.29	3.39
AROCLOR 1016 (4)	3.70	3.69	3.69	3.69	3.69	3.69	3.64	3.74
AROCLOR 1016 (5)	3.93	3.93	3.93	3.93	3.93	3.93	3.88	3.98
AROCLOR 1260 (1)	5.26	5.26	5.26	5.26	5.26	5.26	5.21	5.31
AROCLOR 1260 (2)	5.56	5.56	5.56	5.56	5.55	5.56	5.51	5.61
AROCLOR 1260 (3)	5.89	5.89	5.89	5.89	5.89	5.89	5.84	5.94
AROCLOR 1260 (4)	6.63	6.63	6.63	6.63	6.63	6.63	6.58	6.68
AROCLOR 1260 (5)	6.97	6.97	6.97	6.97	6.97	6.97	6.92	7.02

PCB

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 7/8/2009 7/8/2009

Calibration Times: 12:32 13:24

GC Column: RTX-CLPest I ID: 0.32 (mm)

LAB FILE ID: RT50 = P6028235.D RT250 = P6028234.D

RT500 = P6028233.D RT750 = P6028232.D RT1000 = P6028231.D

COMPOUND	RT50	RT250	RT500	RT750	RT1000	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Tetrachloro-m-xylene	1.99	1.99	1.98	1.98	1.98	1.98	1.93	2.03
Decachlorobiphenyl	8.41	8.41	8.41	8.40	8.41	8.41	8.31	8.51
AROCLOR 1016 (1)	2.84	2.84	2.84	2.84	2.84	2.84	2.79	2.89
AROCLOR 1016 (2)	3.08	3.08	3.08	3.08	3.08	3.08	3.03	3.13
AROCLOR 1016 (3)	3.31	3.31	3.30	3.30	3.30	3.30	3.25	3.35
AROCLOR 1016 (4)	3.45	3.45	3.45	3.45	3.45	3.45	3.40	3.50
AROCLOR 1016 (5)	3.56	3.56	3.56	3.56	3.56	3.56	3.51	3.61
AROCLOR 1260 (1)	5.33	5.33	5.33	5.33	5.33	5.33	5.28	5.38
AROCLOR 1260 (2)	5.56	5.56	5.56	5.56	5.56	5.56	5.51	5.61
AROCLOR 1260 (3)	5.96	5.96	5.96	5.96	5.96	5.96	5.91	6.01
AROCLOR 1260 (4)	6.40	6.40	6.40	6.39	6.39	6.40	6.35	6.45
AROCLOR 1260 (5)	6.68	6.68	6.68	6.68	6.68	6.68	6.63	6.73

PCB

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 8/10/2009 8/10/2009

Calibration Times: 11:56 12:48

GC Column: RTX-CLPest ID: 0.32 (mm)

LAB FILE ID: RT50 = P6029766.D RT250 = P6029765.D

RT500 = P6029764.D RT750 = P6029763.D RT1000 = P6029762.D

COMPOUND	RT50	RT250	RT500	RT750	RT1000	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Tetrachloro-m-xylene	2.14	2.13	2.14	2.14	2.13	2.14	2.09	2.19
Decachlorobiphenyl	8.21	8.21	8.20	8.20	8.20	8.21	8.11	8.31
AROCLOR 1016 (1)	2.87	2.86	2.87	2.86	2.86	2.86	2.81	2.91
AROCLOR 1016 (2)	3.07	3.07	3.08	3.07	3.07	3.07	3.02	3.12
AROCLOR 1016 (3)	3.35	3.35	3.35	3.35	3.34	3.35	3.30	3.40
AROCLOR 1016 (4)	3.70	3.70	3.70	3.70	3.70	3.70	3.65	3.75
AROCLOR 1016 (5)	3.94	3.93	3.94	3.94	3.93	3.94	3.89	3.99
AROCLOR 1260 (1)	5.27	5.27	5.27	5.27	5.26	5.27	5.22	5.32
AROCLOR 1260 (2)	5.57	5.56	5.56	5.56	5.56	5.56	5.51	5.61
AROCLOR 1260 (3)	5.90	5.90	5.89	5.89	5.89	5.90	5.85	5.95
AROCLOR 1260 (4)	6.63	6.63	6.63	6.63	6.63	6.63	6.58	6.68
AROCLOR 1260 (5)	6.98	6.98	6.98	6.98	6.97	6.98	6.93	7.03

PCB

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 8/10/2009 8/10/2009

Calibration Times: 11:56 12:48

GC Column: RTX-CLPest I ID: 0.32 (mm)

LAB FILE ID: RT50 = P6029766.D RT250 = P6029765.D

RT500 = P6029764.D RT750 = P6029763.D RT1000 = P6029762.D

COMPOUND	RT50	RT250	RT500	RT750	RT1000	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Tetrachloro-m-xylene	1.99	1.98	1.99	1.99	1.98	1.99	1.94	2.04
Decachlorobiphenyl	8.41	8.41	8.41	8.41	8.41	8.41	8.31	8.51
AROCLOR 1016 (1)	2.85	2.84	2.84	2.84	2.84	2.84	2.79	2.89
AROCLOR 1016 (2)	3.08	3.08	3.09	3.09	3.08	3.08	3.03	3.13
AROCLOR 1016 (3)	3.31	3.31	3.31	3.31	3.31	3.31	3.26	3.36
AROCLOR 1016 (4)	3.46	3.45	3.45	3.45	3.45	3.45	3.40	3.50
AROCLOR 1016 (5)	3.57	3.57	3.57	3.57	3.56	3.57	3.52	3.62
AROCLOR 1260 (1)	5.34	5.33	5.33	5.33	5.33	5.33	5.28	5.38
AROCLOR 1260 (2)	5.57	5.57	5.57	5.57	5.57	5.57	5.52	5.62
AROCLOR 1260 (3)	5.97	5.97	5.97	5.97	5.97	5.97	5.92	6.02
AROCLOR 1260 (4)	6.40	6.40	6.40	6.40	6.40	6.40	6.35	6.45
AROCLOR 1260 (5)	6.69	6.69	6.68	6.68	6.68	6.69	6.64	6.74

PCB

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 7/8/2009 7/8/2009

Calibration Times: 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

LAB FILE ID: CF50 = P6028235.D CF250 = P6028234.D

CF500 = P6028233.D CF750 = P6028232.D CF1000 = P6028231.

COMPOUND	CF50	CF250	CF500	CF750	CF1000	$\overline{CF}$	% RSD
Tetrachloro-m-xylene	1188220	1117844	1106472	1090920	1082484	1117188	4
Decachlorobiphenyl	1837500	1745660	1638314	1570432	1550099	1668401	7
AROCLOR 1016 (1)	42200	39607	37894	36482	35514	38340	7
AROCLOR 1016 (2)	27514	25176	24505	23762	23138	24819	7
AROCLOR 1016 (3)	71792	67946	64735	62807	60910	65638	7
AROCLOR 1016 (4)	45594	48791	47912	46435	45676	46882	3
AROCLOR 1016 (5)	42264	41862	39321	37699	36731	39575	6
AROCLOR 1260 (1)	71012	66654	62267	59001	56996	63186	9
AROCLOR 1260 (2)	136778	128156	122001	117149	113734	123564	7
AROCLOR 1260 (3)	138636	128431	124478	120432	117897	125975	6
AROCLOR 1260 (4)	191596	211675	208971	204148	201611	203600	4
AROCLOR 1260 (5)	125622	127528	125386	124082	122346	124993	2

PCB

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 7/8/2009 7/8/2009

Calibration Times: 12:32 13:24

GC Column: RTX-CLPes ID: 0.32 (mm)

LAB FILE ID: CF50 = P6028235.D CF250 = P6028234.D

CF500 = P6028233.D CF750 = P6028232.D CF1000 = P6028231.

COMPOUND	CF50	CF250	CF500	CF750	CF1000	$\overline{CF}$	% RSD
Tetrachloro-m-xylene	1371620	1513912	1540020	1530993	1521893	1495688	5
Decachlorobiphenyl	2437540	2227240	2039862	1916072	1847818	2093706	11
AROCLOR 1016 (1)	65486	65243	61094	58691	56944	61492	6
AROCLOR 1016 (2)	43408	42835	39876	38551	37656	40465	6
AROCLOR 1016 (3)	119306	121686	115655	111371	109175	115439	5
AROCLOR 1016 (4)	60306	59922	53014	50049	48353	54329	10
AROCLOR 1016 (5)	40028	41282	38528	37455	37005	38860	5
AROCLOR 1260 (1)	95042	94788	88607	84810	82478	89145	6
AROCLOR 1260 (2)	111358	110750	103436	98841	95711	104019	7
AROCLOR 1260 (3)	148452	141769	136690	131852	129888	137730	5
AROCLOR 1260 (4)	93808	93433	90419	87671	86329	90332	4
AROCLOR 1260 (5)	197724	200609	192516	185740	182268	191771	4

PCB

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 8/10/2009 8/10/2009

Calibration Times: 11:56 12:48

GC Column: RTX-CLPest ID: 0.32 (mm)

LAB FILE ID: CF50 = P6029766.D CF250 = P6029765.D

CF500 = P6029764.D CF750 = P6029763.D CF1000 = P6029762.

COMPOUND	CF50	CF250	CF500	CF750	CF1000	$\overline{CF}$	% RSD
Tetrachloro-m-xylene	1108700	1346752	1331792	1315683	1308055	1282196	8
Decachlorobiphenyl	1797260	2135040	2051464	1961865	1892646	1967655	7
AROCLOR 1016 (1)	40872	48575	45383	43528	42889	44249	7
AROCLOR 1016 (2)	25234	31378	29670	28534	28079	28579	8
AROCLOR 1016 (3)	60166	76416	73268	71167	70326	70268	9
AROCLOR 1016 (4)	52894	58818	57022	54906	53172	55363	5
AROCLOR 1016 (5)	49446	51232	47202	44924	43567	47274	7
AROCLOR 1260 (1)	62914	74651	68852	64819	62986	66844	7
AROCLOR 1260 (2)	123030	144220	135765	129408	125393	131563	7
AROCLOR 1260 (3)	130102	148860	143240	138257	134489	138990	5
AROCLOR 1260 (4)	227166	265652	254234	246481	240821	246871	6
AROCLOR 1260 (5)	165696	159951	153091	147294	144845	154175	6

PCB

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Calibration Date(s): 8/10/2009 8/10/2009

Calibration Times: 11:56 12:48

GC Column: RTX-CLPes ID: 0.32 (mm)

LAB FILE ID: CF50 = P6029766.D CF250 = P6029765.D

CF500 = P6029764.D CF750 = P6029763.D CF1000 = P6029762.

COMPOUND	CF50	CF250	CF500	CF750	CF1000	$\overline{CF}$	% RSD
Tetrachloro-m-xylene	1279660	1460500	1581078	1577661	1500147	1479809	8
Decachlorobiphenyl	2070260	2328736	2180120	2070693	1991744	2128311	6
AROCLOR 1016 (1)	52116	66286	63025	60151	57886	59893	9
AROCLOR 1016 (2)	38552	43489	40887	39328	38202	40092	5
AROCLOR 1016 (3)	102132	122187	116585	112668	110467	112808	7
AROCLOR 1016 (4)	58874	60362	54173	51210	49710	54866	8
AROCLOR 1016 (5)	37868	41519	39526	38574	38341	39166	4
AROCLOR 1260 (1)	82478	95228	90173	86282	83848	87602	6
AROCLOR 1260 (2)	84550	100541	94917	90353	87822	91637	7
AROCLOR 1260 (3)	117292	145573	141746	137787	134188	135317	8
AROCLOR 1260 (4)	75518	94155	91805	88997	87150	87525	8
AROCLOR 1260 (5)	146190	186827	181580	174732	170748	172015	9

6G
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Date(s) Analyzed: 7/8/2009 7/8/2009

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
AROCLOR 1221	0.5000	1	1.86	1.81	1.90	9275
		2	2.31	2.26	2.36	21370
		3	2.50	2.45	2.55	80684
		4				
		5				
AROCLOR 1232	0.5000	1	2.50	2.45	2.55	47154
		2	2.86	2.81	2.91	28010
		3	3.07	3.02	3.12	18877
		4	3.34	3.29	3.39	48969
		5	3.55	3.50	3.60	13510
AROCLOR 1242	0.5000	1	2.86	2.81	2.91	36847
		2	3.07	3.02	3.12	23687
		3	3.34	3.29	3.39	62000
		4	3.69	3.64	3.74	46675
		5	3.93	3.88	3.98	38257
AROCLOR 1248	0.5000	1	3.34	3.29	3.39	37749
		2	3.69	3.64	3.74	73322
		3	3.93	3.88	3.98	52163
		4	4.04	3.99	4.09	56454
		5	4.62	4.57	4.67	109713
AROCLOR 1254	0.5000	1	4.61	4.56	4.66	169073
		2	5.06	5.01	5.11	92079
		3	5.36	5.31	5.41	80023
		4	5.56	5.51	5.61	72658
		5	5.89	5.84	5.94	114909

6G
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Date(s) Analyzed: 7/8/2009

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
AROCLOR 1221	0.5000	1	2.25	2.20	2.30	32881
		2	2.38	2.33	2.43	15273
		3	2.44	2.39	2.49	88867
		4				
		5				
AROCLOR 1232	0.5000	1	2.44	2.39	2.49	53865
		2	2.84	2.79	2.89	47829
		3	3.30	3.25	3.35	87026
		4	3.45	3.40	3.50	40854
		5	3.56	3.51	3.61	28491
AROCLOR 1242	0.5000	1	2.84	2.79	2.89	59121
		2	3.30	3.25	3.35	110072
		3	3.45	3.40	3.50	50816
		4	3.56	3.51	3.61	36438
		5	4.07	4.02	4.13	33913
AROCLOR 1248	0.5000	1	3.30	3.25	3.35	64532
		2	3.94	3.89	3.99	67959
		3	4.07	4.02	4.13	50734
		4	4.36	4.31	4.41	51338
		5	4.40	4.35	4.45	66392
AROCLOR 1254	0.5000	1	4.60	4.55	4.65	74657
		2	4.99	4.93	5.04	66692
		3	5.11	5.06	5.16	135202
		4	5.56	5.51	5.61	59330
		5	5.96	5.91	6.01	118260

6G
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Date(s) Analyzed: 8/10/2009 8/10/2009

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
AROCLOR 1221	0.5000	1	1.86	1.81	1.91	10170
		2	2.32	2.27	2.37	26440
		3	2.51	2.46	2.56	92731
		4				
		5				
AROCLOR 1232	0.5000	1	2.51	2.46	2.56	59121
		2	2.86	2.81	2.91	34294
		3	3.07	3.02	3.12	24045
		4	3.35	3.30	3.40	57390
		5	3.49	3.44	3.54	19082
AROCLOR 1242	0.5000	1	2.86	2.81	2.91	42482
		2	3.08	3.03	3.13	27295
		3	3.35	3.30	3.40	68087
		4	3.70	3.65	3.75	53760
		5	3.94	3.89	3.99	43920
AROCLOR 1248	0.5000	1	3.35	3.30	3.40	40959
		2	3.70	3.65	3.75	86505
		3	3.94	3.89	3.99	60879
		4	4.05	4.00	4.10	63834
		5	4.63	4.58	4.68	119815
AROCLOR 1254	0.5000	1	4.62	4.57	4.67	190142
		2	5.07	5.02	5.12	101243
		3	5.38	5.33	5.43	82443
		4	5.57	5.52	5.62	79807
		5	5.89	5.84	5.95	129189

6G
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD6 Date(s) Analyzed: 8/10/2009

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
AROCLOR 1221	0.5000	1	2.26	2.21	2.31	31743
		2	2.39	2.34	2.44	14806
		3	2.45	2.40	2.50	85495
		4				
		5				
AROCLOR 1232	0.5000	1	2.45	2.40	2.50	56826
		2	2.84	2.79	2.89	49594
		3	3.31	3.26	3.36	89126
		4	3.45	3.40	3.50	41965
		5	3.57	3.52	3.62	29268
AROCLOR 1242	0.5000	1	2.84	2.79	2.89	58835
		2	3.31	3.26	3.36	106854
		3	3.45	3.40	3.50	49982
		4	3.57	3.52	3.62	35711
		5	4.08	4.03	4.13	33918
AROCLOR 1248	0.5000	1	3.31	3.26	3.36	65090
		2	3.95	3.90	4.00	69100
		3	4.08	4.03	4.13	51927
		4	4.36	4.31	4.41	49696
		5	4.41	4.36	4.46	67486
AROCLOR 1254	0.5000	1	4.61	4.56	4.66	76921
		2	4.99	4.94	5.04	68703
		3	5.12	5.07	5.17	140192
		4	5.38	5.33	5.43	89792
		5	5.97	5.92	6.02	127828

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/6/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 11:18 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.14	2.13	2.08	2.18	-0.01
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.94	3.93	3.88	3.98	-0.01
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.33	5.33	5.28	5.38	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/6/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 16:20 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.15	2.13	2.08	2.18	-0.02
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.94	3.93	3.88	3.98	-0.01
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.33	5.33	5.28	5.38	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/6/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 19:10 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.14	2.13	2.08	2.18	-0.01
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.94	3.93	3.88	3.98	-0.01
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.33	5.33	5.28	5.38	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/7/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 14:52 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.14	2.13	2.08	2.18	-0.01
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.93	3.93	3.88	3.98	0.00
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.84	2.84	2.79	2.89	0.00
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.33	5.33	5.28	5.38	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/7/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 18:59 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.14	2.13	2.08	2.18	-0.01
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.07	3.07	3.02	3.12	0.00
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.93	3.93	3.88	3.98	0.00
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.32	5.33	5.28	5.38	0.01
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/7/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 22:01 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.15	2.13	2.08	2.18	-0.02
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.94	3.93	3.88	3.98	-0.01
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.32	5.33	5.28	5.38	0.01
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/8/2009 Initial Calibration Date(s): 7/8/2009 7/8/2009

Continuing Calib Time: 01:17 Initial Calibration Time(s): 12:32 13:24

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.15	2.13	2.08	2.18	-0.02
Decachlorobiphenyl	8.20	8.20	8.10	8.30	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.35	3.34	3.29	3.39	-0.01
AROCLOR 1016 (4)	3.70	3.69	3.64	3.74	-0.01
AROCLOR 1016 (5)	3.94	3.93	3.88	3.98	-0.01
AROCLOR 1260 (1)	5.26	5.26	5.21	5.31	0.00
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.89	5.84	5.94	0.00
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.97	6.97	6.92	7.02	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.98	1.93	2.03	-0.02
Decachlorobiphenyl	8.40	8.41	8.31	8.51	0.01
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.30	3.25	3.35	-0.01
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.56	3.51	3.61	-0.01
AROCLOR 1260 (1)	5.32	5.33	5.28	5.38	0.01
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.96	5.96	5.91	6.01	0.00
AROCLOR 1260 (4)	6.39	6.40	6.35	6.45	0.01
AROCLOR 1260 (5)	6.68	6.68	6.63	6.73	0.00

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/11/2009 Initial Calibration Date(s): 8/10/2009 8/10/2009

Continuing Calib Time: 23:26 Initial Calibration Time(s): 11:56 12:48

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.14	2.14	2.09	2.19	0.00
Decachlorobiphenyl	8.20	8.21	8.11	8.31	0.01
AROCLOR 1016 (1)	2.86	2.86	2.81	2.91	0.00
AROCLOR 1016 (2)	3.07	3.07	3.02	3.12	0.00
AROCLOR 1016 (3)	3.35	3.35	3.30	3.40	0.00
AROCLOR 1016 (4)	3.70	3.70	3.65	3.75	0.00
AROCLOR 1016 (5)	3.94	3.94	3.89	3.99	0.00
AROCLOR 1260 (1)	5.26	5.27	5.22	5.32	0.01
AROCLOR 1260 (2)	5.56	5.56	5.51	5.61	0.00
AROCLOR 1260 (3)	5.89	5.90	5.85	5.95	0.01
AROCLOR 1260 (4)	6.63	6.63	6.58	6.68	0.00
AROCLOR 1260 (5)	6.98	6.98	6.93	7.03	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	1.99	1.99	1.94	2.04	0.00
Decachlorobiphenyl	8.41	8.41	8.31	8.51	0.00
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.31	3.31	3.26	3.36	0.00
AROCLOR 1016 (4)	3.45	3.45	3.40	3.50	0.00
AROCLOR 1016 (5)	3.57	3.57	3.52	3.62	0.00
AROCLOR 1260 (1)	5.33	5.33	5.28	5.38	0.00
AROCLOR 1260 (2)	5.57	5.57	5.52	5.62	0.00
AROCLOR 1260 (3)	5.97	5.97	5.92	6.02	0.00
AROCLOR 1260 (4)	6.40	6.40	6.35	6.45	0.00
AROCLOR 1260 (5)	6.68	6.69	6.64	6.74	0.01

PCB

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/12/2009 Initial Calibration Date(s): 8/10/2009 8/10/2009

Continuing Calib Time: 02:30 Initial Calibration Time(s): 11:56 12:48

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.15	2.14	2.09	2.19	-0.01
Decachlorobiphenyl	8.21	8.21	8.11	8.31	0.00
AROCLOR 1016 (1)	2.87	2.86	2.81	2.91	-0.01
AROCLOR 1016 (2)	3.08	3.07	3.02	3.12	-0.01
AROCLOR 1016 (3)	3.36	3.35	3.30	3.40	-0.01
AROCLOR 1016 (4)	3.71	3.70	3.65	3.75	-0.01
AROCLOR 1016 (5)	3.94	3.94	3.89	3.99	0.00
AROCLOR 1260 (1)	5.27	5.27	5.22	5.32	0.00
AROCLOR 1260 (2)	5.57	5.56	5.51	5.61	-0.01
AROCLOR 1260 (3)	5.90	5.90	5.85	5.95	0.00
AROCLOR 1260 (4)	6.64	6.63	6.58	6.68	-0.01
AROCLOR 1260 (5)	6.98	6.98	6.93	7.03	0.00

GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Tetrachloro-m-xylene	2.00	1.99	1.94	2.04	-0.01
Decachlorobiphenyl	8.41	8.41	8.31	8.51	0.00
AROCLOR 1016 (1)	2.85	2.84	2.79	2.89	-0.01
AROCLOR 1016 (2)	3.09	3.08	3.03	3.13	-0.01
AROCLOR 1016 (3)	3.32	3.31	3.26	3.36	-0.01
AROCLOR 1016 (4)	3.46	3.45	3.40	3.50	-0.01
AROCLOR 1016 (5)	3.58	3.57	3.52	3.62	-0.01
AROCLOR 1260 (1)	5.34	5.33	5.28	5.38	-0.01
AROCLOR 1260 (2)	5.57	5.57	5.52	5.62	0.00
AROCLOR 1260 (3)	5.97	5.97	5.92	6.02	0.00
AROCLOR 1260 (4)	6.41	6.40	6.35	6.45	-0.01
AROCLOR 1260 (5)	6.69	6.69	6.64	6.74	0.00

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL01 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 11:18

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.867	2.810	2.910	0.521	0.500	4.2
AROCLOR 1016 (2)	3.076	3.020	3.120	0.522	0.500	4.4
AROCLOR 1016 (3)	3.352	3.290	3.390	0.508	0.500	1.6
AROCLOR 1016 (4)	3.702	3.640	3.740	0.570	0.500	14.0
AROCLOR 1016 (5)	3.937	3.880	3.980	0.537	0.500	7.4
AROCLOR 1260 (1)	5.264	5.210	5.310	0.525	0.500	5.0
AROCLOR 1260 (2)	5.560	5.510	5.610	0.531	0.500	6.2
AROCLOR 1260 (3)	5.892	5.840	5.940	0.520	0.500	4.0
AROCLOR 1260 (4)	6.630	6.580	6.680	0.541	0.500	8.2
AROCLOR 1260 (5)	6.973	6.920	7.020	0.546	0.500	9.2
Tetrachloro-m-xylene	2.144	2.080	2.180	0.054	0.050	8.0
Decachlorobiphenyl	8.201	8.100	8.300	0.052	0.050	4.0

Client Sample No. (INDBM##): CCAL01 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 11:18

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.846	2.790	2.890	0.538	0.500	7.6
AROCLOR 1016 (2)	3.087	3.030	3.130	0.537	0.500	7.4
AROCLOR 1016 (3)	3.311	3.250	3.350	0.557	0.500	11.4
AROCLOR 1016 (4)	3.454	3.400	3.500	0.540	0.500	8.0
AROCLOR 1016 (5)	3.570	3.510	3.610	0.551	0.500	10.2
AROCLOR 1260 (1)	5.327	5.280	5.380	0.565	0.500	13.0
AROCLOR 1260 (2)	5.561	5.510	5.610	0.586	0.500	17.2
AROCLOR 1260 (3)	5.961	5.910	6.010	0.541	0.500	8.2
AROCLOR 1260 (4)	6.393	6.350	6.450	0.563	0.500	12.6
AROCLOR 1260 (5)	6.679	6.630	6.730	0.600	0.500	20.0
Tetrachloro-m-xylene	1.996	1.930	2.030	0.053	0.050	6.0
Decachlorobiphenyl	8.404	8.310	8.510	0.050	0.050	0.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL02 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 16:20

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.868	2.810	2.910	0.542	0.500	8.4
AROCLOR 1016 (2)	3.077	3.020	3.120	0.550	0.500	10.0
AROCLOR 1016 (3)	3.353	3.290	3.390	0.529	0.500	5.8
AROCLOR 1016 (4)	3.703	3.640	3.740	0.597	0.500	19.4
AROCLOR 1016 (5)	3.937	3.880	3.980	0.560	0.500	12.0
AROCLOR 1260 (1)	5.265	5.210	5.310	0.545	0.500	9.0
AROCLOR 1260 (2)	5.561	5.510	5.610	0.552	0.500	10.4
AROCLOR 1260 (3)	5.892	5.840	5.940	0.541	0.500	8.2
AROCLOR 1260 (4)	6.630	6.580	6.680	0.562	0.500	12.4
AROCLOR 1260 (5)	6.973	6.920	7.020	0.570	0.500	14.0
Tetrachloro-m-xylene	2.146	2.080	2.180	0.057	0.050	14.0
Decachlorobiphenyl	8.201	8.100	8.300	0.054	0.050	8.0

Client Sample No. (INDBM##): CCAL02 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 16:20

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.847	2.790	2.890	0.555	0.500	11.0
AROCLOR 1016 (2)	3.088	3.030	3.130	0.561	0.500	12.2
AROCLOR 1016 (3)	3.312	3.250	3.350	0.571	0.500	14.2
AROCLOR 1016 (4)	3.455	3.400	3.500	0.552	0.500	10.4
AROCLOR 1016 (5)	3.570	3.510	3.610	0.565	0.500	13.0
AROCLOR 1260 (1)	5.327	5.280	5.380	0.553	0.500	10.6
AROCLOR 1260 (2)	5.561	5.510	5.610	0.585	0.500	17.0
AROCLOR 1260 (3)	5.961	5.910	6.010	0.568	0.500	13.6
AROCLOR 1260 (4)	6.393	6.350	6.450	0.560	0.500	12.0
AROCLOR 1260 (5)	6.679	6.630	6.730	0.612	0.500	22.4
Tetrachloro-m-xylene	1.998	1.930	2.030	0.056	0.050	12.0
Decachlorobiphenyl	8.403	8.310	8.510	0.051	0.050	2.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL03 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 19:10

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.867	2.810	2.910	0.549	0.500	9.8
AROCLOR 1016 (2)	3.076	3.020	3.120	0.556	0.500	11.2
AROCLOR 1016 (3)	3.351	3.290	3.390	0.542	0.500	8.4
AROCLOR 1016 (4)	3.700	3.640	3.740	0.616	0.500	23.2
AROCLOR 1016 (5)	3.936	3.880	3.980	0.567	0.500	13.4
AROCLOR 1260 (1)	5.263	5.210	5.310	0.553	0.500	10.6
AROCLOR 1260 (2)	5.559	5.510	5.610	0.556	0.500	11.2
AROCLOR 1260 (3)	5.891	5.840	5.940	0.546	0.500	9.2
AROCLOR 1260 (4)	6.629	6.580	6.680	0.568	0.500	13.6
AROCLOR 1260 (5)	6.972	6.920	7.020	0.569	0.500	13.8
Tetrachloro-m-xylene	2.145	2.080	2.180	0.057	0.050	14.0
Decachlorobiphenyl	8.200	8.100	8.300	0.054	0.050	8.0

Client Sample No. (INDBM##): CCAL03 Date Analyzed: 8/6/2009

Lab Sample No. (INDB): 1660 500 Time Analyzed: 19:10

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.847	2.790	2.890	0.558	0.500	11.6
AROCLOR 1016 (2)	3.088	3.030	3.130	0.563	0.500	12.6
AROCLOR 1016 (3)	3.312	3.250	3.350	0.577	0.500	15.4
AROCLOR 1016 (4)	3.455	3.400	3.500	0.556	0.500	11.2
AROCLOR 1016 (5)	3.570	3.510	3.610	0.570	0.500	14.0
AROCLOR 1260 (1)	5.328	5.280	5.380	0.587	0.500	17.4
AROCLOR 1260 (2)	5.563	5.510	5.610	0.646	0.500	29.2
AROCLOR 1260 (3)	5.962	5.910	6.010	0.615	0.500	23.0
AROCLOR 1260 (4)	6.394	6.350	6.450	0.611	0.500	22.2
AROCLOR 1260 (5)	6.680	6.630	6.730	0.696	0.500	39.2
Tetrachloro-m-xylene	1.998	1.930	2.030	0.057	0.050	14.0
Decachlorobiphenyl	8.402	8.310	8.510	0.052	0.050	4.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL04 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 14:52

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.866	2.810	2.910	1.040	1.000	4.0
AROCLOR 1016 (2)	3.075	3.020	3.120	1.077	1.000	7.7
AROCLOR 1016 (3)	3.349	3.290	3.390	1.041	1.000	4.1
AROCLOR 1016 (4)	3.701	3.640	3.740	1.133	1.000	13.3
AROCLOR 1016 (5)	3.935	3.880	3.980	1.074	1.000	7.4
AROCLOR 1260 (1)	5.262	5.210	5.310	1.008	1.000	0.8
AROCLOR 1260 (2)	5.558	5.510	5.610	1.057	1.000	5.7
AROCLOR 1260 (3)	5.890	5.840	5.940	1.065	1.000	6.5
AROCLOR 1260 (4)	6.628	6.580	6.680	1.171	1.000	17.1
AROCLOR 1260 (5)	6.971	6.920	7.020	1.038	1.000	3.8
Tetrachloro-m-xylene	2.144	2.080	2.180	0.112	0.100	12.0
Decachlorobiphenyl	8.199	8.100	8.300	0.104	0.100	4.0

Client Sample No. (INDBM##): CCAL04 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 14:52

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.844	2.790	2.890	1.038	1.000	3.8
AROCLOR 1016 (2)	3.086	3.030	3.130	1.057	1.000	5.7
AROCLOR 1016 (3)	3.309	3.250	3.350	1.066	1.000	6.6
AROCLOR 1016 (4)	3.452	3.400	3.500	1.017	1.000	1.7
AROCLOR 1016 (5)	3.567	3.510	3.610	1.085	1.000	8.5
AROCLOR 1260 (1)	5.326	5.280	5.380	1.088	1.000	8.8
AROCLOR 1260 (2)	5.560	5.510	5.610	1.110	1.000	11.0
AROCLOR 1260 (3)	5.959	5.910	6.010	1.159	1.000	15.9
AROCLOR 1260 (4)	6.392	6.350	6.450	1.138	1.000	13.8
AROCLOR 1260 (5)	6.677	6.630	6.730	1.211	1.000	21.1
Tetrachloro-m-xylene	1.996	1.930	2.030	0.112	0.100	12.0
Decachlorobiphenyl	8.401	8.310	8.510	0.096	0.100	4.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL05 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 18:59

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.867	2.810	2.910	0.794	0.750	5.9
AROCLOR 1016 (2)	3.074	3.020	3.120	0.858	0.750	14.4
AROCLOR 1016 (3)	3.350	3.290	3.390	0.786	0.750	4.8
AROCLOR 1016 (4)	3.700	3.640	3.740	0.847	0.750	12.9
AROCLOR 1016 (5)	3.935	3.880	3.980	0.819	0.750	9.2
AROCLOR 1260 (1)	5.261	5.210	5.310	0.782	0.750	4.3
AROCLOR 1260 (2)	5.558	5.510	5.610	0.804	0.750	7.2
AROCLOR 1260 (3)	5.890	5.840	5.940	0.802	0.750	6.9
AROCLOR 1260 (4)	6.628	6.580	6.680	0.880	0.750	17.3
AROCLOR 1260 (5)	6.969	6.920	7.020	0.804	0.750	7.2
Tetrachloro-m-xylene	2.145	2.080	2.180	0.084	0.075	12.0
Decachlorobiphenyl	8.199	8.100	8.300	0.079	0.075	5.3

Client Sample No. (INDBM##): CCAL05 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 18:59

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.846	2.790	2.890	0.790	0.750	5.3
AROCLOR 1016 (2)	3.087	3.030	3.130	0.803	0.750	7.1
AROCLOR 1016 (3)	3.309	3.250	3.350	0.834	0.750	11.2
AROCLOR 1016 (4)	3.454	3.400	3.500	0.781	0.750	4.1
AROCLOR 1016 (5)	3.568	3.510	3.610	0.821	0.750	9.5
AROCLOR 1260 (1)	5.325	5.280	5.380	0.815	0.750	8.7
AROCLOR 1260 (2)	5.560	5.510	5.610	0.852	0.750	13.6
AROCLOR 1260 (3)	5.959	5.910	6.010	0.880	0.750	17.3
AROCLOR 1260 (4)	6.391	6.350	6.450	0.835	0.750	11.3
AROCLOR 1260 (5)	6.677	6.630	6.730	0.906	0.750	20.8
Tetrachloro-m-xylene	1.998	1.930	2.030	0.083	0.075	10.7
Decachlorobiphenyl	8.402	8.310	8.510	0.074	0.075	1.3

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL06 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 22:01

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.868	2.810	2.910	0.789	0.750	5.2
AROCLOR 1016 (2)	3.077	3.020	3.120	0.810	0.750	8.0
AROCLOR 1016 (3)	3.351	3.290	3.390	0.783	0.750	4.4
AROCLOR 1016 (4)	3.700	3.640	3.740	0.885	0.750	18.0
AROCLOR 1016 (5)	3.936	3.880	3.980	0.816	0.750	8.8
AROCLOR 1260 (1)	5.262	5.210	5.310	0.782	0.750	4.3
AROCLOR 1260 (2)	5.559	5.510	5.610	0.803	0.750	7.1
AROCLOR 1260 (3)	5.891	5.840	5.940	0.802	0.750	6.9
AROCLOR 1260 (4)	6.628	6.580	6.680	0.882	0.750	17.6
AROCLOR 1260 (5)	6.970	6.920	7.020	0.789	0.750	5.2
Tetrachloro-m-xylene	2.146	2.080	2.180	0.083	0.075	10.7
Decachlorobiphenyl	8.200	8.100	8.300	0.078	0.075	4.0

Client Sample No. (INDBM##): CCAL06 Date Analyzed: 8/7/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 22:01

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.846	2.790	2.890	0.785	0.750	4.7
AROCLOR 1016 (2)	3.087	3.030	3.130	0.798	0.750	6.4
AROCLOR 1016 (3)	3.309	3.250	3.350	0.834	0.750	11.2
AROCLOR 1016 (4)	3.453	3.400	3.500	0.779	0.750	3.9
AROCLOR 1016 (5)	3.568	3.510	3.610	0.817	0.750	8.9
AROCLOR 1260 (1)	5.325	5.280	5.380	0.814	0.750	8.5
AROCLOR 1260 (2)	5.561	5.510	5.610	0.849	0.750	13.2
AROCLOR 1260 (3)	5.959	5.910	6.010	0.869	0.750	15.9
AROCLOR 1260 (4)	6.392	6.350	6.450	0.848	0.750	13.1
AROCLOR 1260 (5)	6.677	6.630	6.730	0.911	0.750	21.5
Tetrachloro-m-xylene	1.997	1.930	2.030	0.082	0.075	9.3
Decachlorobiphenyl	8.401	8.310	8.510	0.074	0.075	1.3

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL07 Date Analyzed: 8/8/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 01:17

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.867	2.810	2.910	0.767	0.750	2.3
AROCLOR 1016 (2)	3.077	3.020	3.120	0.823	0.750	9.7
AROCLOR 1016 (3)	3.351	3.290	3.390	0.739	0.750	1.5
AROCLOR 1016 (4)	3.701	3.640	3.740	0.811	0.750	8.1
AROCLOR 1016 (5)	3.937	3.880	3.980	0.772	0.750	2.9
AROCLOR 1260 (1)	5.261	5.210	5.310	0.740	0.750	1.3
AROCLOR 1260 (2)	5.559	5.510	5.610	0.759	0.750	1.2
AROCLOR 1260 (3)	5.890	5.840	5.940	0.756	0.750	0.8
AROCLOR 1260 (4)	6.627	6.580	6.680	0.827	0.750	10.3
AROCLOR 1260 (5)	6.968	6.920	7.020	0.761	0.750	1.5
Tetrachloro-m-xylene	2.147	2.080	2.180	0.078	0.075	4.0
Decachlorobiphenyl	8.199	8.100	8.300	0.073	0.075	2.7

Client Sample No. (INDBM##): CCAL07 Date Analyzed: 8/8/2009

Lab Sample No. (INDB): 1660 750 Time Analyzed: 01:17

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.846	2.790	2.890	0.748	0.750	0.3
AROCLOR 1016 (2)	3.088	3.030	3.130	0.758	0.750	1.1
AROCLOR 1016 (3)	3.309	3.250	3.350	0.787	0.750	4.9
AROCLOR 1016 (4)	3.454	3.400	3.500	0.738	0.750	1.6
AROCLOR 1016 (5)	3.569	3.510	3.610	0.773	0.750	3.1
AROCLOR 1260 (1)	5.325	5.280	5.380	0.774	0.750	3.2
AROCLOR 1260 (2)	5.561	5.510	5.610	0.808	0.750	7.7
AROCLOR 1260 (3)	5.959	5.910	6.010	0.832	0.750	10.9
AROCLOR 1260 (4)	6.392	6.350	6.450	0.814	0.750	8.5
AROCLOR 1260 (5)	6.677	6.630	6.730	0.866	0.750	15.5
Tetrachloro-m-xylene	1.999	1.930	2.030	0.077	0.075	2.7
Decachlorobiphenyl	8.400	8.310	8.510	0.070	0.075	6.7

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL08 Date Analyzed: 8/11/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 23:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.863	2.810	2.910	0.987	1.000	1.3
AROCLOR 1016 (2)	3.074	3.020	3.120	1.058	1.000	5.8
AROCLOR 1016 (3)	3.350	3.290	3.390	1.039	1.000	3.9
AROCLOR 1016 (4)	3.701	3.640	3.740	1.014	1.000	1.4
AROCLOR 1016 (5)	3.937	3.880	3.980	0.952	1.000	4.8
AROCLOR 1260 (1)	5.265	5.210	5.310	1.009	1.000	0.9
AROCLOR 1260 (2)	5.561	5.510	5.610	1.024	1.000	2.4
AROCLOR 1260 (3)	5.895	5.840	5.940	1.009	1.000	0.9
AROCLOR 1260 (4)	6.633	6.580	6.680	0.994	1.000	0.6
AROCLOR 1260 (5)	6.977	6.920	7.020	0.997	1.000	0.3
Tetrachloro-m-xylene	2.140	2.080	2.180	0.105	0.100	5.0
Decachlorobiphenyl	8.205	8.100	8.300	0.101	0.100	1.0

Client Sample No. (INDBM##): CCAL08 Date Analyzed: 8/11/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 23:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.845	2.790	2.890	1.047	1.000	4.7
AROCLOR 1016 (2)	3.088	3.030	3.130	1.083	1.000	8.3
AROCLOR 1016 (3)	3.310	3.250	3.350	1.119	1.000	11.9
AROCLOR 1016 (4)	3.455	3.400	3.500	1.000	1.000	0.0
AROCLOR 1016 (5)	3.570	3.510	3.610	1.063	1.000	6.3
AROCLOR 1260 (1)	5.332	5.280	5.380	1.051	1.000	5.1
AROCLOR 1260 (2)	5.566	5.510	5.610	1.095	1.000	9.5
AROCLOR 1260 (3)	5.969	5.910	6.010	0.944	1.000	5.6
AROCLOR 1260 (4)	6.400	6.350	6.450	1.110	1.000	11.0
AROCLOR 1260 (5)	6.684	6.630	6.730	1.142	1.000	14.2
Tetrachloro-m-xylene	1.991	1.930	2.030	0.117	0.100	17.0
Decachlorobiphenyl	8.408	8.310	8.510	0.102	0.100	2.0

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPest ID: 0.32 (mm) Initi. Calib. Date(s): 7/8/2009 7/8/2009

Client Sample No. (PIBLK##): Date Analyzed:

Lab Sample No.(PIBLK): Time Analyzed:

Client Sample No. (INDBM##): CCAL09 Date Analyzed: 8/12/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 02:30

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.870	2.810	2.910	0.989	1.000	1.1
AROCLOR 1016 (2)	3.080	3.020	3.120	1.070	1.000	7.0
AROCLOR 1016 (3)	3.356	3.290	3.390	1.016	1.000	1.6
AROCLOR 1016 (4)	3.708	3.640	3.740	1.025	1.000	2.5
AROCLOR 1016 (5)	3.943	3.880	3.980	0.952	1.000	4.8
AROCLOR 1260 (1)	5.271	5.210	5.310	1.018	1.000	1.8
AROCLOR 1260 (2)	5.567	5.510	5.610	1.013	1.000	1.3
AROCLOR 1260 (3)	5.901	5.840	5.940	0.995	1.000	0.5
AROCLOR 1260 (4)	6.639	6.580	6.680	0.971	1.000	2.9
AROCLOR 1260 (5)	6.982	6.920	7.020	0.970	1.000	3.0
Tetrachloro-m-xylene	2.146	2.080	2.180	0.105	0.100	5.0
Decachlorobiphenyl	8.211	8.100	8.300	0.094	0.100	6.0

Client Sample No. (INDBM##): CCAL09 Date Analyzed: 8/12/2009

Lab Sample No. (INDB): 1660 1000 Time Analyzed: 02:30

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
AROCLOR 1016 (1)	2.850	2.790	2.890	1.061	1.000	6.1
AROCLOR 1016 (2)	3.093	3.030	3.130	1.090	1.000	9.0
AROCLOR 1016 (3)	3.315	3.250	3.350	1.123	1.000	12.3
AROCLOR 1016 (4)	3.461	3.400	3.500	0.965	1.000	3.5
AROCLOR 1016 (5)	3.576	3.510	3.610	1.037	1.000	3.7
AROCLOR 1260 (1)	5.337	5.280	5.380	1.058	1.000	5.8
AROCLOR 1260 (2)	5.571	5.510	5.610	1.095	1.000	9.5
AROCLOR 1260 (3)	5.973	5.910	6.010	1.065	1.000	6.5
AROCLOR 1260 (4)	6.405	6.350	6.450	1.078	1.000	7.8
AROCLOR 1260 (5)	6.689	6.630	6.730	1.140	1.000	14.0
Tetrachloro-m-xylene	1.997	1.930	2.030	0.118	0.100	18.0
Decachlorobiphenyl	8.413	8.310	8.510	0.096	0.100	4.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 2.13 DCB 8.20

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PIBLK01	I.BLK	7/8/2009	12:19	2.13	8.20
1660 1000 PPB	1660 1000 PPB	7/8/2009	12:32	2.13	8.20
1660 750 PPB	1660 750 PPB	7/8/2009	12:45	2.13	8.20
1660 500 PPB	1660 500 PPB	7/8/2009	12:58	2.13	8.20
1660 250 PPB	1660 250 PPB	7/8/2009	13:11	2.13	8.20
1660 50 PPB	1660 50 PPB	7/8/2009	13:24	2.13	8.20
AR122101	AR1221 500 PPB	7/8/2009	15:35	2.13	8.20
AR123201	AR1232 500 PPB	7/8/2009	15:48	2.13	8.20
AR124201	AR1242 500 PPB	7/8/2009	16:01	2.13	8.20
AR124801	AR1248 500 PPB	7/8/2009	16:14	2.13	8.20
AR125401	AR1254 500 PPB	7/8/2009	16:27	2.13	8.20
PIBLK02	I.BLK	8/6/2009	11:05	2.15	8.20
CCAL01	1660 500	8/6/2009	11:18	2.14	8.20
EB080309	A3816-14	8/6/2009	15:28	2.15	8.20
PIBLK03	I.BLK	8/6/2009	16:07	2.15	8.20
CCAL02	1660 500	8/6/2009	16:20	2.15	8.20
PB43878BL	PB43878BL	8/6/2009	16:33	2.15	8.20
PB43878BS	PB43878BS	8/6/2009	16:47	2.15	8.20
PB43878BSD	PB43878BSD	8/6/2009	17:00	2.15	8.20
PIBLK04	I.BLK	8/6/2009	18:57	2.15	8.20
CCAL03	1660 500	8/6/2009	19:10	2.14	8.20
PIBLK05	I.BLK	8/7/2009	14:39	2.15	8.20
CCAL04	1660 1000	8/7/2009	14:52	2.14	8.20
PB43891BL	PB43891BL	8/7/2009	16:22	2.15	8.20

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 2.13 DCB 8.20

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
SBM-7	A3816-01	8/7/2009	16:48	2.14	8.20
SBM-7MS	A3816-02MS	8/7/2009	17:01	2.14	8.20
SBM-7MSD	A3816-03MSD	8/7/2009	17:15	2.14	8.20
SBM-1	A3816-04	8/7/2009	17:28	2.15	8.20
SBM-8	A3816-05	8/7/2009	17:41	2.15	8.20
FDSS080309	A3816-06	8/7/2009	17:54	2.15	8.20
SBM-2	A3816-07	8/7/2009	18:07	2.15	8.20
PIBLK06	I.BLK	8/7/2009	18:46	2.15	8.20
CCAL05	1660 750	8/7/2009	18:59	2.14	8.20
SBM-11	A3816-08	8/7/2009	19:12	2.15	8.20
SBM-12	A3816-09	8/7/2009	19:25	2.15	8.20
SBM-4	A3816-10	8/7/2009	19:38	2.15	8.20
SBM-3	A3816-11	8/7/2009	19:51	2.15	8.20
SBM-5	A3816-12	8/7/2009	20:04	2.15	8.20
SBM-9	A3816-13	8/7/2009	20:17	2.14	8.20
SBM-10	A3816-15	8/7/2009	20:30	2.15	8.20
SBM-6	A3816-16	8/7/2009	20:43	2.15	8.20
SBM-6-S-2	A3816-17	8/7/2009	20:56	2.15	8.20
SBM-3-S-1	A3816-18	8/7/2009	21:09	2.15	8.20
PIBLK07	I.BLK	8/7/2009	21:48	2.15	8.20
CCAL06	1660 750	8/7/2009	22:01	2.15	8.20
SBM-4-S-1	A3816-19	8/7/2009	22:14	2.15	8.20
SBM-2-S-3	A3816-20	8/7/2009	22:27	2.15	8.20
SBM-9-S-1	A3816-21	8/7/2009	22:40	2.15	8.20

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 2.13 DCB 8.20

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
SBM-1-S-2	A3816-22	8/7/2009	22:53	2.15	8.20
PIBLK08	I.BLK	8/8/2009	01:04	2.15	8.20
CCAL07	1660 750	8/8/2009	01:17	2.15	8.20

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 1.98 DCB 8.41

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PIBLK01	I.BLK	7/8/2009	12:19	1.99	8.41
1660 1000 PPB	1660 1000 PPB	7/8/2009	12:32	1.98	8.41
1660 750 PPB	1660 750 PPB	7/8/2009	12:45	1.98	8.40
1660 500 PPB	1660 500 PPB	7/8/2009	12:58	1.98	8.41
1660 250 PPB	1660 250 PPB	7/8/2009	13:11	1.99	8.41
1660 50 PPB	1660 50 PPB	7/8/2009	13:24	1.99	8.41
AR122101	AR1221 500 PPB	7/8/2009	15:35	1.98	8.40
AR123201	AR1232 500 PPB	7/8/2009	15:48	1.98	8.40
AR124201	AR1242 500 PPB	7/8/2009	16:01	1.98	8.40
AR124801	AR1248 500 PPB	7/8/2009	16:14	1.98	8.41
AR125401	AR1254 500 PPB	7/8/2009	16:27	1.98	8.40
PIBLK02	I.BLK	8/6/2009	11:05	2.00	8.40
CCAL01	1660 500	8/6/2009	11:18	2.00	8.40
EB080309	A3816-14	8/6/2009	15:28	2.00	8.40
PIBLK03	I.BLK	8/6/2009	16:07	2.00	8.40
CCAL02	1660 500	8/6/2009	16:20	2.00	8.40
PB43878BL	PB43878BL	8/6/2009	16:33	2.00	8.40
PB43878BS	PB43878BS	8/6/2009	16:47	2.00	8.40
PB43878BSD	PB43878BSD	8/6/2009	17:00	2.00	8.40
PIBLK04	I.BLK	8/6/2009	18:57	2.00	8.40
CCAL03	1660 500	8/6/2009	19:10	2.00	8.40
PIBLK05	I.BLK	8/7/2009	14:39	2.00	8.40
CCAL04	1660 1000	8/7/2009	14:52	2.00	8.40
PB43891BL	PB43891BL	8/7/2009	16:22	2.00	8.40

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 1.98 DCB 8.41

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
SBM-7	A3816-01	8/7/2009	16:48	2.00	8.40
SBM-7MS	A3816-02MS	8/7/2009	17:01	2.00	8.40
SBM-7MSD	A3816-03MSD	8/7/2009	17:15	1.99	8.40
SBM-1	A3816-04	8/7/2009	17:28	2.00	8.40
SBM-8	A3816-05	8/7/2009	17:41	2.00	8.40
FDSS080309	A3816-06	8/7/2009	17:54	2.00	8.40
SBM-2	A3816-07	8/7/2009	18:07	2.00	8.40
PIBLK06	I.BLK	8/7/2009	18:46	2.00	8.40
CCAL05	1660 750	8/7/2009	18:59	2.00	8.40
SBM-11	A3816-08	8/7/2009	19:12	2.00	8.40
SBM-12	A3816-09	8/7/2009	19:25	2.00	8.40
SBM-4	A3816-10	8/7/2009	19:38	2.00	8.40
SBM-3	A3816-11	8/7/2009	19:51	2.00	8.40
SBM-5	A3816-12	8/7/2009	20:04	2.00	8.40
SBM-9	A3816-13	8/7/2009	20:17	1.99	8.40
SBM-10	A3816-15	8/7/2009	20:30	2.00	8.40
SBM-6	A3816-16	8/7/2009	20:43	2.00	8.40
SBM-6-S-2	A3816-17	8/7/2009	20:56	2.00	8.40
SBM-3-S-1	A3816-18	8/7/2009	21:09	2.00	8.40
PIBLK07	I.BLK	8/7/2009	21:48	2.00	8.40
CCAL06	1660 750	8/7/2009	22:01	2.00	8.40
SBM-4-S-1	A3816-19	8/7/2009	22:14	2.00	8.40
SBM-2-S-3	A3816-20	8/7/2009	22:27	2.00	8.40
SBM-9-S-1	A3816-21	8/7/2009	22:40	2.00	8.40

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 7/8/2009 7/8/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 1.98 DCB 8.41

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
SBM-1-S-2	A3816-22	8/7/2009	22:53	2.00	8.40
PIBLK08	I.BLK	8/8/2009	01:04	2.00	8.40
CCAL07	1660 750	8/8/2009	01:17	2.00	8.40

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 8/10/2009 8/10/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 2.14 DCB 8.21

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PIBLK09	I.BLK	8/10/2009	11:43	2.14	8.20
1660 1000 PPB	1660 1000 PPB	8/10/2009	11:56	2.13	8.20
1660 750 PPB	1660 750 PPB	8/10/2009	12:09	2.14	8.20
1660 500 PPB	1660 500 PPB	8/10/2009	12:22	2.14	8.20
1660 250 PPB	1660 250 PPB	8/10/2009	12:35	2.13	8.21
1660 50 PPB	1660 50 PPB	8/10/2009	12:48	2.14	8.21
AR122102	AR1221 500 PPB	8/10/2009	14:20	2.14	8.21
AR123202	AR1232 500 PPB	8/10/2009	14:33	2.14	8.20
AR124202	AR1242 500 PPB	8/10/2009	14:47	2.14	8.20
AR124802	AR1248 500 PPB	8/10/2009	15:00	2.14	8.21
AR125402	AR1254 500 PPB	8/10/2009	15:13	2.14	8.21
PIBLK10	I.BLK	8/11/2009	23:13	2.14	8.21
CCAL08	1660 1000	8/11/2009	23:26	2.14	8.20
PB43891BS	PB43891BS	8/12/2009	01:37	2.15	8.21
PIBLK11	I.BLK	8/12/2009	02:17	2.15	8.21
CCAL09	1660 1000	8/12/2009	02:30	2.15	8.21

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: RTX-CLPes ID: 0.32 (mm) Inst. Calib. Date(s): 8/10/2009 8/10/2009

Instrument ID: ECD6

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX 1.99 DCB 8.41

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PIBLK09	I.BLK	8/10/2009	11:43	1.99	8.41
1660 1000 PPB	1660 1000 PPB	8/10/2009	11:56	1.98	8.41
1660 750 PPB	1660 750 PPB	8/10/2009	12:09	1.99	8.41
1660 500 PPB	1660 500 PPB	8/10/2009	12:22	1.99	8.41
1660 250 PPB	1660 250 PPB	8/10/2009	12:35	1.98	8.41
1660 50 PPB	1660 50 PPB	8/10/2009	12:48	1.99	8.41
AR122102	AR1221 500 PPB	8/10/2009	14:20	1.99	8.41
AR123202	AR1232 500 PPB	8/10/2009	14:33	1.99	8.41
AR124202	AR1242 500 PPB	8/10/2009	14:47	1.99	8.41
AR124802	AR1248 500 PPB	8/10/2009	15:00	1.99	8.41
AR125402	AR1254 500 PPB	8/10/2009	15:13	1.99	8.41
PIBLK10	I.BLK	8/11/2009	23:13	1.99	8.41
CCAL08	1660 1000	8/11/2009	23:26	1.99	8.41
PB43891BS	PB43891BS	8/12/2009	01:37	2.00	8.41
PIBLK11	I.BLK	8/12/2009	02:17	2.00	8.41
CCAL09	1660 1000	8/12/2009	02:30	2.00	8.41

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

PB43878BS

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: PB43878BS **Date(s) Analyzed:** 8/6/2009 8/6/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	2.87	2.81	2.91	2.31		
AROCLOR 1016	2	3.08	3.02	3.12	2.34		
	3	3.36	3.29	3.39	2.23		
COLUMN 1	4	3.70	3.64	3.74	2.52		
	5	3.94	3.88	3.98	2.46	2.40	
	1	2.85	2.79	2.89	2.29		
	2	3.09	3.03	3.13	2.39		
	3	3.32	3.25	3.35	2.40		
COLUMN 2	4	3.46	3.40	3.50	2.45		
	5	3.57	3.51	3.61	2.36	2.40	0.00
	1	5.27	5.21	5.31	2.35		
AROCLOR 1260	2	5.56	5.51	5.61	2.27		
	3	5.89	5.84	5.94	2.15		
COLUMN 1	4	6.63	6.58	6.68	2.25		
	5	6.97	6.92	7.02	2.29	2.30	
	1	5.33	5.28	5.38	2.41		
	2	5.57	5.51	5.61	2.66		
	3	5.96	5.91	6.01	2.44		
COLUMN 2	4	6.40	6.35	6.45	2.47		
	5	6.68	6.63	6.73	2.85	2.60	13.00

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

PB43878BSD

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: PB43878BSD **Date(s) Analyzed:** 8/6/2009 8/6/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	2.87	2.81	2.91	2.33		
AROCLOR 1016	2	3.08	3.02	3.12	2.30		
	3	3.36	3.29	3.39	2.26		
COLUMN 1	4	3.71	3.64	3.74	2.52		
	5	3.94	3.88	3.98	2.48	2.40	
	1	2.85	2.79	2.89	2.31		
	2	3.09	3.03	3.13	2.39		
	3	3.32	3.25	3.35	2.44		
COLUMN 2	4	3.46	3.40	3.50	2.48		
	5	3.57	3.51	3.61	2.41	2.40	0.00
	1	5.27	5.21	5.31	2.37		
AROCLOR 1260	2	5.56	5.51	5.61	2.27		
	3	5.89	5.84	5.94	2.18		
COLUMN 1	4	6.63	6.58	6.68	2.30		
	5	6.97	6.92	7.02	2.31	2.30	
	1	5.33	5.28	5.38	2.50		
	2	5.57	5.51	5.61	2.73		
	3	5.96	5.91	6.01	2.47		
COLUMN 2	4	6.40	6.35	6.45	2.51		
	5	6.68	6.63	6.73	2.91	2.60	13.00

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

PB43891BS

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: PB43891BS **Date(s) Analyzed:** 8/12/2009 8/12/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	2.87	2.81	2.91	72.64		
AROCLOR 1016	2	3.08	3.02	3.12	74.03		
	3	3.36	3.29	3.39	73.90		
COLUMN 1	4	3.71	3.64	3.74	80.64		
	5	3.94	3.88	3.98	71.75	75.00	
	1	2.85	2.79	2.89	80.03		
	2	3.09	3.03	3.13	77.70		
	3	3.32	3.25	3.35	82.53		
COLUMN 2	4	3.46	3.40	3.50	76.77		
	5	3.58	3.51	3.61	72.49	78.00	4.00
	1	5.27	5.21	5.31	67.35		
AROCLOR 1260	2	5.57	5.51	5.61	63.06		
	3	5.90	5.84	5.94	56.46		
COLUMN 1	4	6.64	6.58	6.68	52.55		
	5	6.98	6.92	7.02	64.23	61.00	
	1	5.34	5.28	5.38	66.13		
	2	5.57	5.51	5.61	68.85		
	3	5.97	5.91	6.01	61.33		
COLUMN 2	4	6.41	6.35	6.45	59.36		
	5	6.69	6.63	6.73	59.74	63.00	3.30

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

SBM-6

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: A3816-16 **Date(s) Analyzed:** 8/7/2009 8/7/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	5.26	5.21	5.31	48.72		
AROCLOR 1260	2	5.56	5.51	5.61	40.53		
	3	5.89	5.84	5.94	46.35		
COLUMN 1	4	6.63	6.58	6.68	61.07		
	5	6.97	6.92	7.02	64.37	52.00	
	1	5.33	5.28	5.38	51.18		
	2	5.56	5.51	5.61	40.52		
	3	5.96	5.91	6.01	51.59		
COLUMN 2	4	6.39	6.35	6.45	59.68		
	5	6.68	6.63	6.73	70.14	55.00	5.80

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

SBM-7MS

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: A3816-02MS **Date(s) Analyzed:** 8/7/2009 8/7/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	2.87	2.81	2.91	83.04		
AROCLOR 1016	2	3.07	3.02	3.12	85.39		
	3	3.35	3.29	3.39	78.64		
COLUMN 1	4	3.70	3.64	3.74	83.28		
	5	3.93	3.88	3.98	86.32	83.00	
	1	2.85	2.79	2.89	83.36		
	2	3.09	3.03	3.13	77.73		
	3	3.31	3.25	3.35	80.92		
COLUMN 2	4	3.45	3.40	3.50	90.66		
	5	3.57	3.51	3.61	83.57	83.00	0.00
	1	5.26	5.21	5.31	69.41		
AROCLOR 1260	2	5.56	5.51	5.61	65.72		
	3	5.89	5.84	5.94	62.11		
COLUMN 1	4	6.63	6.58	6.68	72.07		
	5	6.97	6.92	7.02	60.50	66.00	
	1	5.33	5.28	5.38	71.27		
	2	5.56	5.51	5.61	77.98		
	3	5.96	5.91	6.01	68.72		
COLUMN 2	4	6.39	6.35	6.45	65.02		
	5	6.68	6.63	6.73	67.93	70.00	6.10

At least 3 peaks for each column are required for identification of multicomponent analytes.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

SBM-7MSD

Lab Name: Chemtech **Contract:** C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Lab Sample ID: A3816-03MSD **Date(s) Analyzed:** 8/7/2009 8/7/2009

Instrument ID (1): ECD6 **Instrument ID (2):** ECD6

GC Column: (1) RTX-CLPest **ID:** 0.32 (mm) **GC Column:(2)** RTX-CLPest **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	2.86	2.81	2.91	84.41		
AROCLOR 1016	2	3.07	3.02	3.12	80.74		
	3	3.35	3.29	3.39	80.88		
COLUMN 1	4	3.70	3.64	3.74	87.26		
	5	3.93	3.88	3.98	98.43	86.00	
	1	2.84	2.79	2.89	83.03		
	2	3.08	3.03	3.13	78.96		
	3	3.31	3.25	3.35	81.97		
COLUMN 2	4	3.45	3.40	3.50	92.95		
	5	3.57	3.51	3.61	86.16	85.00	1.20
	1	5.26	5.21	5.31	74.59		
AROCLOR 1260	2	5.56	5.51	5.61	71.86		
	3	5.89	5.84	5.94	67.70		
COLUMN 1	4	6.63	6.58	6.68	79.25		
	5	6.97	6.92	7.02	68.18	72.00	
	1	5.33	5.28	5.38	78.56		
	2	5.56	5.51	5.61	86.31		
	3	5.96	5.91	6.01	75.00		
COLUMN 2	4	6.39	6.35	6.45	71.50		
	5	6.68	6.63	6.73	75.95	77.00	6.90

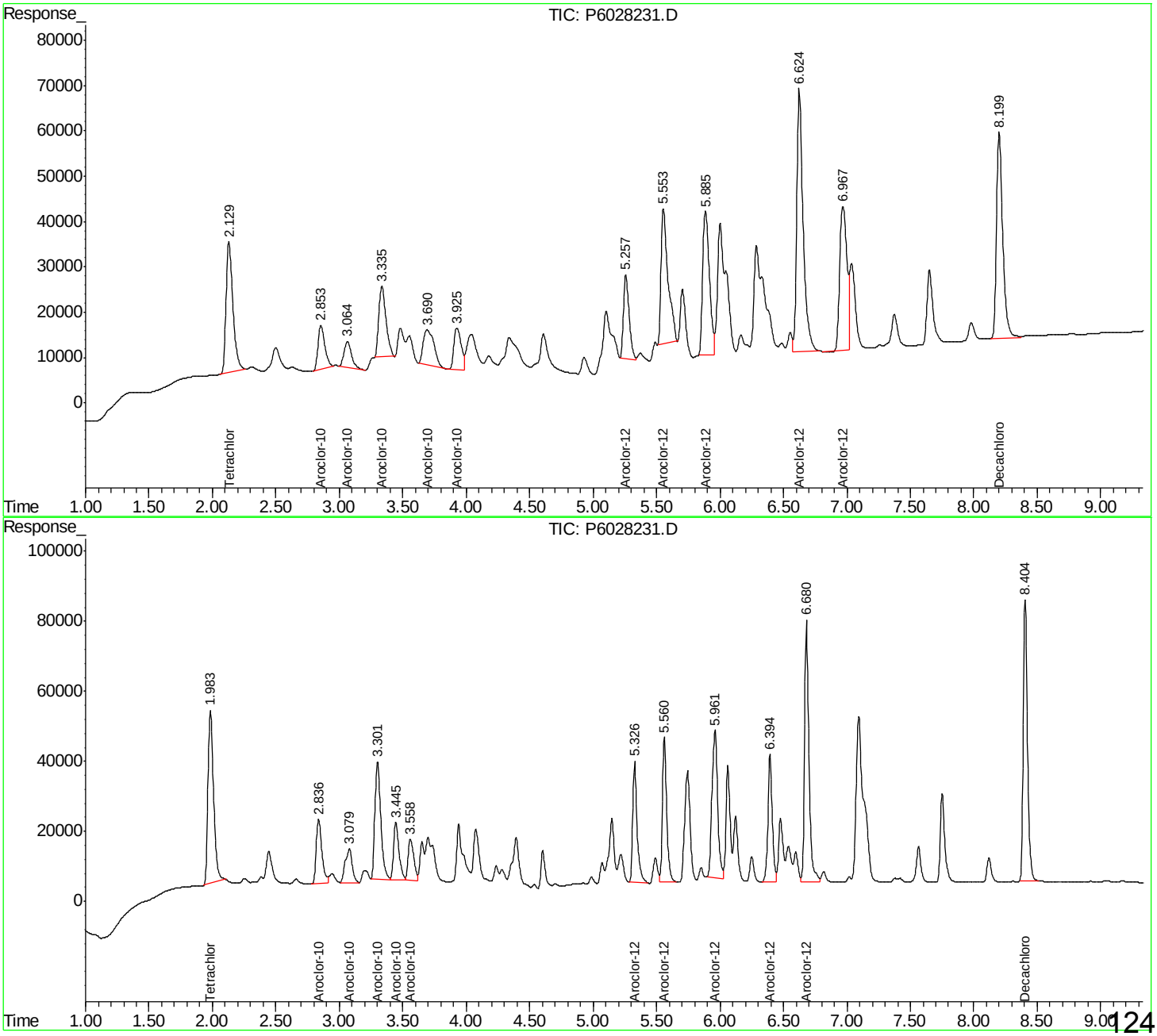
At least 3 peaks for each column are required for identification of multicomponent analytes.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028231.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:32
Operator : BI
Sample : 1660 1000 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:37:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:36:44 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028231.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:32
Operator : BI
Sample : 1660 1000 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:37:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:36:44 2009
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Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.131	1.984	1082484	1521893	98.904	99.408
2)	SA Decachlor...	8.200	8.406	1550099	1847818	97.233	95.060
	Target Compounds						
3)	L1 Aroclor-1...	2.855	2.838	355144	569442	967.583	964.845
4)	L1 Aroclor-1...	3.065	3.080	231376	376559	971.288	971.368
5)	L1 Aroclor-1...	3.337	3.302	609099	1091746	969.553	971.177
6)	L1 Aroclor-1...	3.692	3.447	456755	483529	976.100	954.016
7)	L1 Aroclor-1...	3.927	3.560	367312	370045	965.942	979.830
31)	L7 Aroclor-1...	5.259	5.328	569963	824784	955.802	964.180
32)	L7 Aroclor-1...	5.555	5.562	1137340	957113	964.929	961.209
33)	L7 Aroclor-1...	5.886	5.962	1178968	1298876	972.845	974.483
34)	L7 Aroclor-1...	6.626	6.395	2016108	863293	982.074	976.861
35)	L7 Aroclor-1...	6.969	6.682	1223458	1822679	987.726	972.655

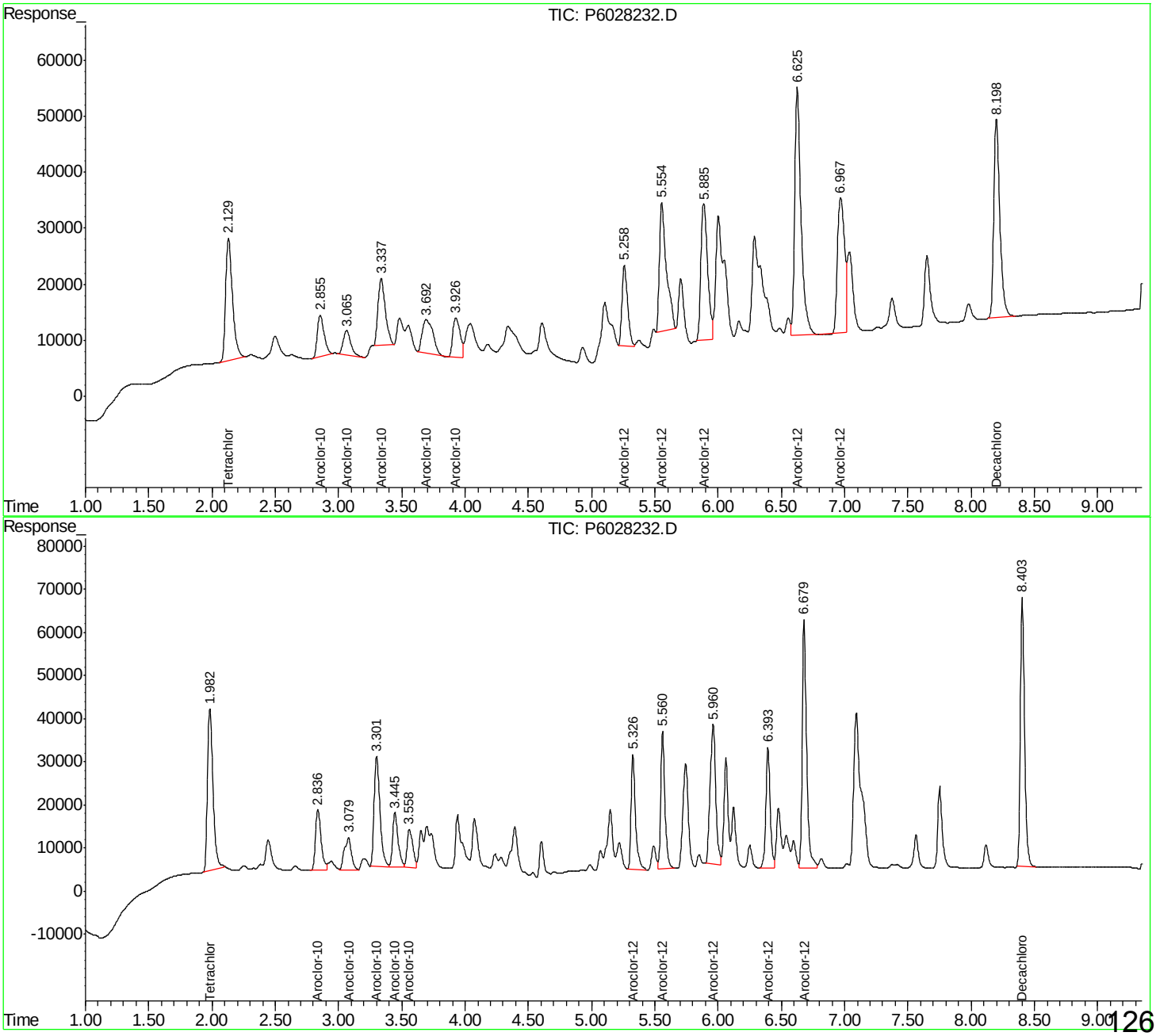
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028232.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:45
Operator : BI
Sample : 1660 750 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:38:12 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:37:48 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028232.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:45
Operator : BI
Sample : 1660 750 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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QLast Update : Wed Jul 08 14:37:48 2009
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.131	1.984	818190	1148245	74.756	75.002
2) SA	Decachlor...	8.200	8.405	1177824	1437054	73.882	73.929
	Target Compounds						
3) L1	Aroclor-1...	2.856	2.838	273616	440183	745.462	745.832
4) L1	Aroclor-1...	3.066	3.080	178216	289130	748.130	745.836
5) L1	Aroclor-1...	3.338	3.303	471056	835283	749.818	743.037
6) L1	Aroclor-1...	3.693	3.447	348265	375369	744.255	740.615
7) L1	Aroclor-1...	3.928	3.561	282741	280912	743.542	743.817
31) L7	Aroclor-1...	5.260	5.327	442504	636078	742.060	743.581
32) L7	Aroclor-1...	5.556	5.562	878614	741310	745.424	744.483
33) L7	Aroclor-1...	5.887	5.962	903238	988893	745.322	741.918
34) L7	Aroclor-1...	6.627	6.395	1531113	657530	745.826	744.029
35) L7	Aroclor-1...	6.969	6.681	930616	1393050	751.308	743.388

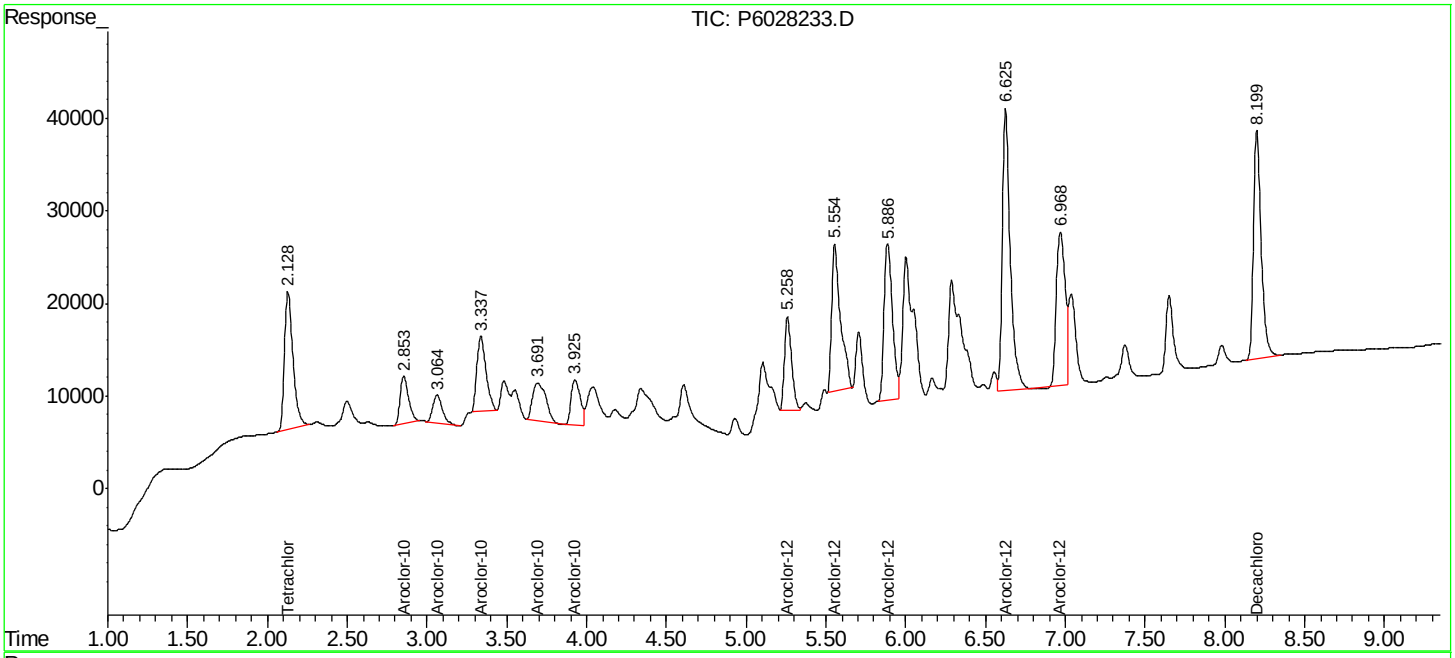
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

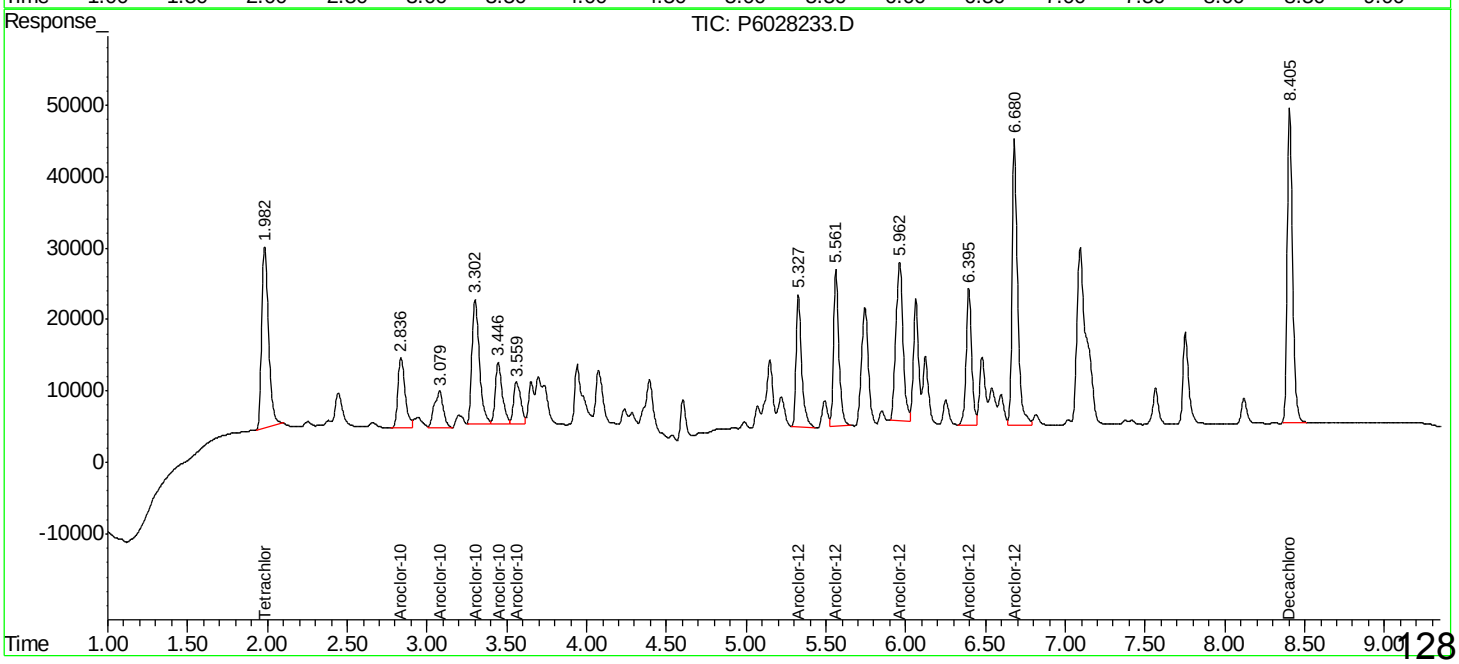
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028233.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:58
Operator : BI
Sample : 1660 500 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:35:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:34:41 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028233.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Operator : BI
Sample : 1660 500 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:35:13 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:34:41 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.130	1.984	553236	770010	50.000	50.000
2)	SA Decachlor...	8.201	8.406	819157	1019931	50.000	50.000
	Target Compounds						
3)	L1 Aroclor-1...	2.856	2.838	189470	305469	500.000	500.000
4)	L1 Aroclor-1...	3.065	3.080	122527	199379	500.000	500.000
5)	L1 Aroclor-1...	3.339	3.304	323677	578274	500.000	500.000
6)	L1 Aroclor-1...	3.693	3.448	239561	265070	500.000	500.000
7)	L1 Aroclor-1...	3.928	3.562	196607	192640	500.000	500.000
31)	L7 Aroclor-1...	5.260	5.328	311337	443033	500.000	500.000
32)	L7 Aroclor-1...	5.556	5.563	610007	517182	500.000	500.000
33)	L7 Aroclor-1...	5.887	5.963	622392	683450	500.000	500.000
34)	L7 Aroclor-1...	6.627	6.396	1044855	452096	500.000	500.000
35)	L7 Aroclor-1...	6.970	6.682	626932	962581	500.000	500.000

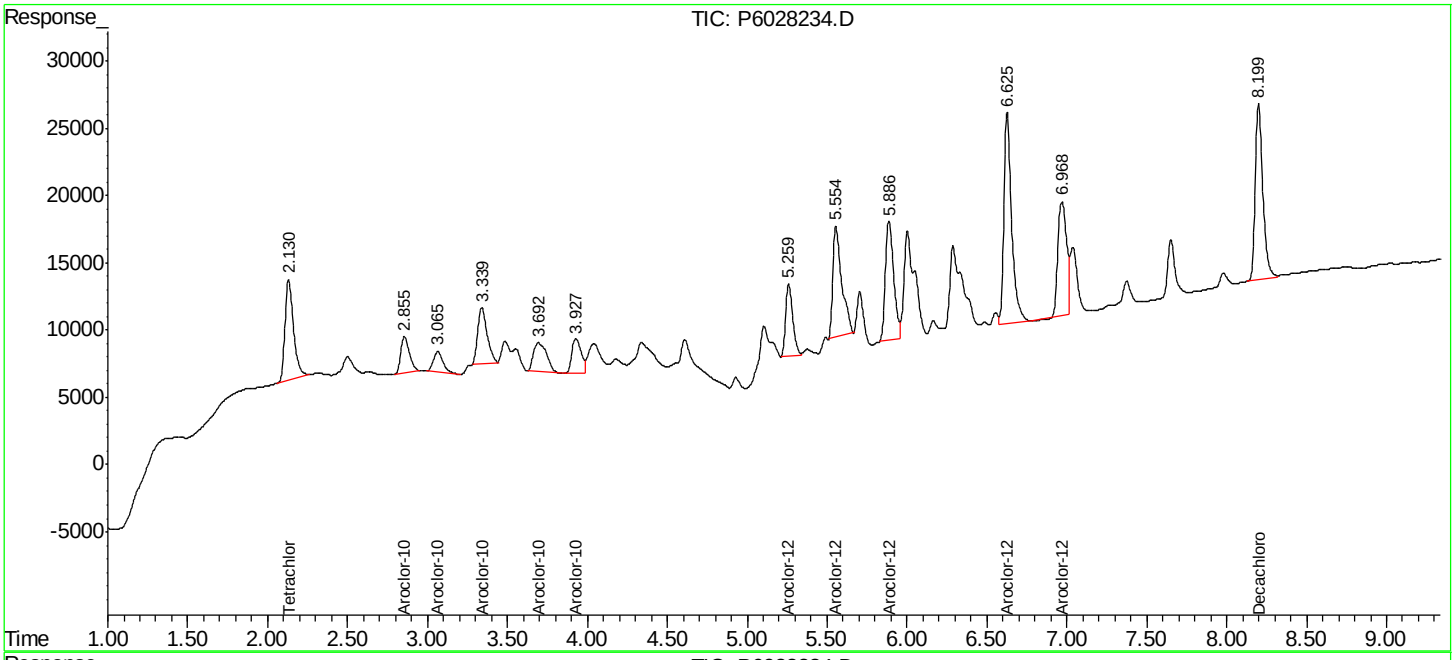
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

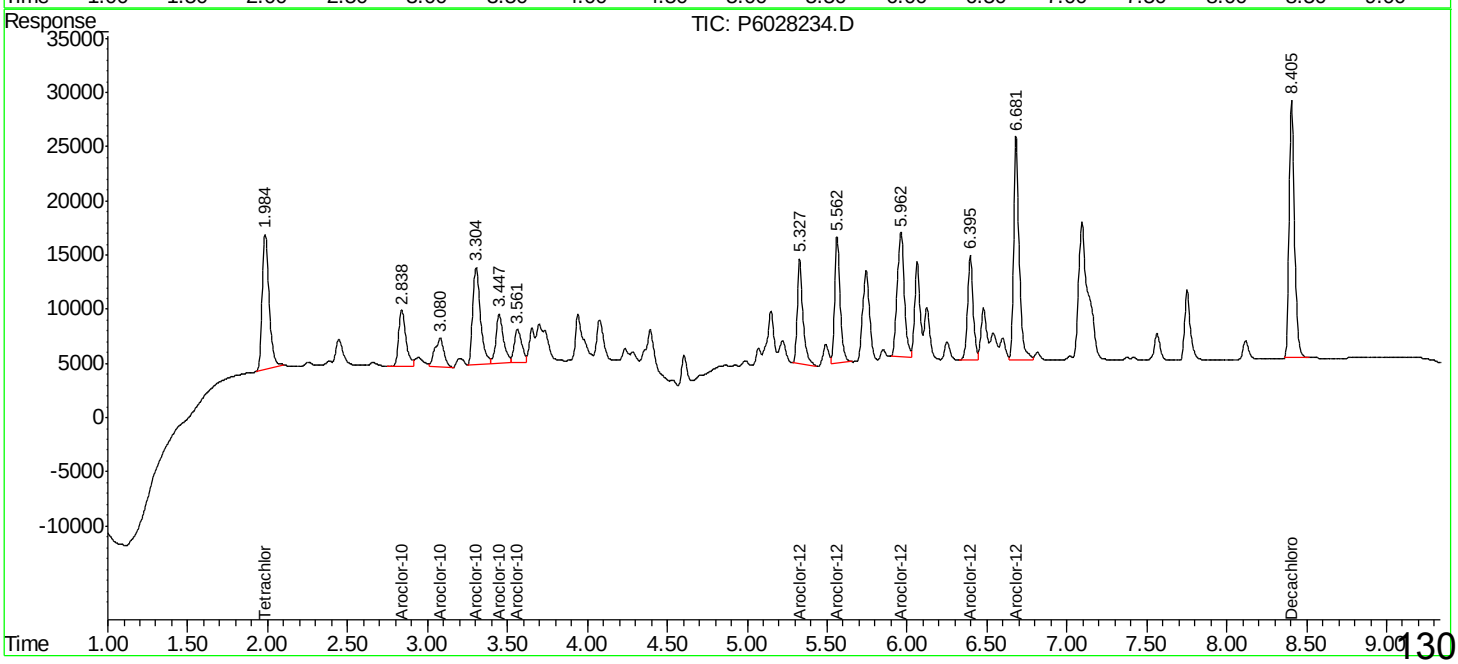
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028234.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 13:11
Operator : BI
Sample : 1660 250 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:40:16 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:39:52 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028234.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 13:11
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

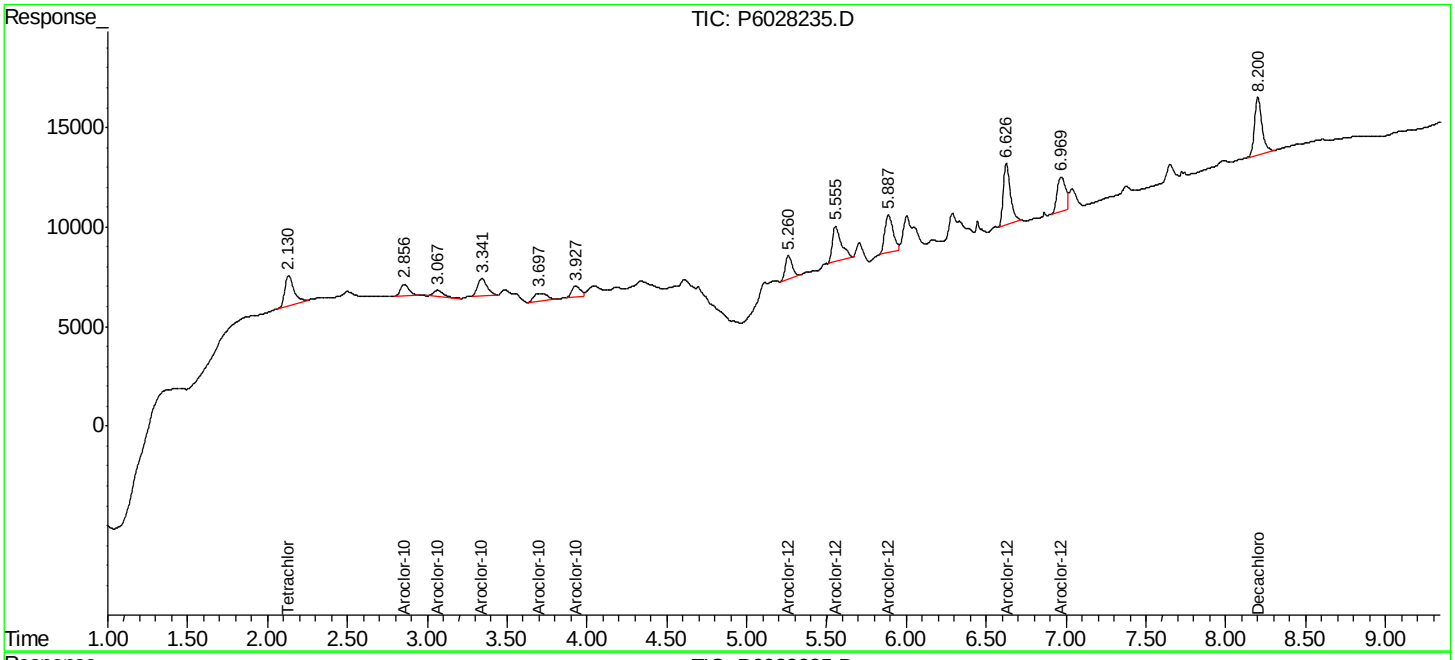
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.132	1.986	279461	378478	25.419	24.791
2) SA	Decachlor...	8.201	8.407	436415	556810	26.838	27.733
	Target Compounds						
3) L1	Aroclor-1...	2.857	2.839	99018	163107	264.936	269.629
4) L1	Aroclor-1...	3.066	3.081	62940	107087	260.671	269.541
5) L1	Aroclor-1...	3.341	3.305	169865	304216	265.001	265.757
6) L1	Aroclor-1...	3.694	3.449	121978	149804	258.409	283.535
7) L1	Aroclor-1...	3.929	3.563	104655	103206	269.013	267.598
31) L7	Aroclor-1...	5.260	5.329	166636	236971	272.149	270.296
32) L7	Aroclor-1...	5.556	5.563	320390	276874	266.415	270.955
33) L7	Aroclor-1...	5.888	5.964	321078	354423	261.444	262.439
34) L7	Aroclor-1...	6.627	6.397	529188	233582	256.140	261.093
35) L7	Aroclor-1...	6.970	6.683	318820	501523	255.392	263.566

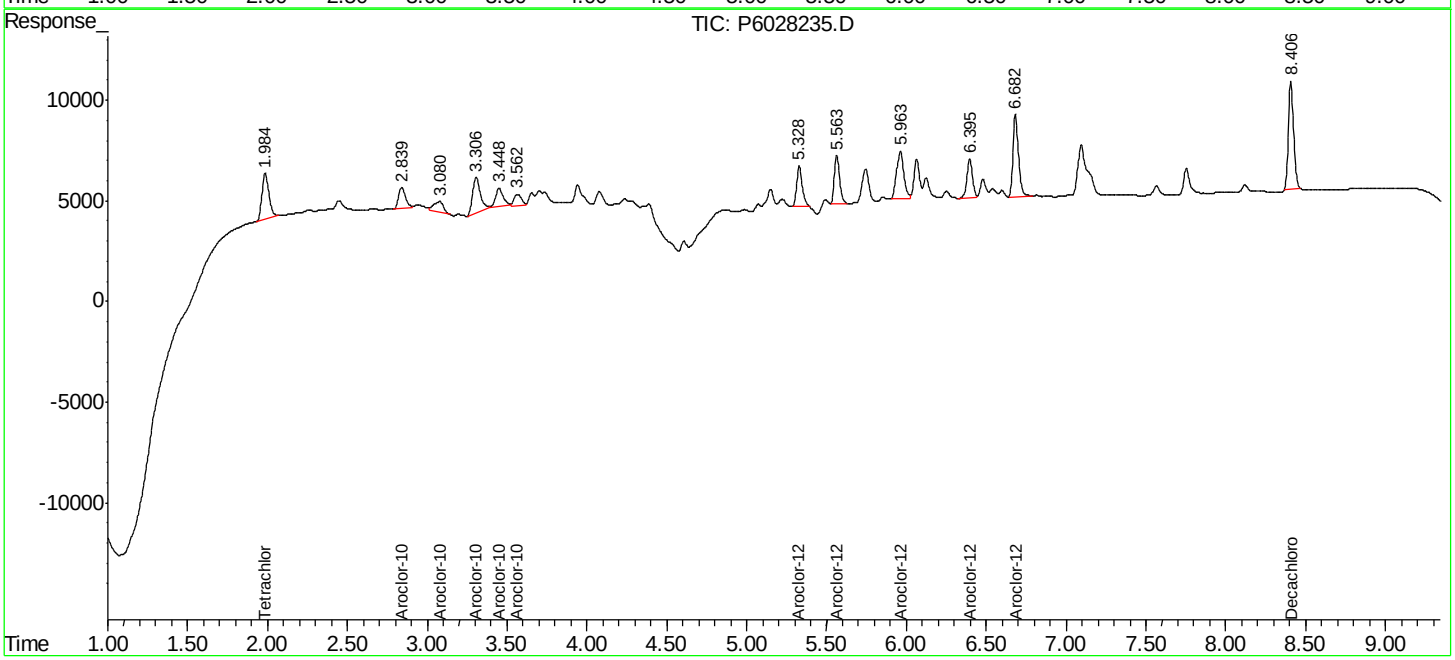
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 13:24
Operator : BI
Sample : 1660 50 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:52:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



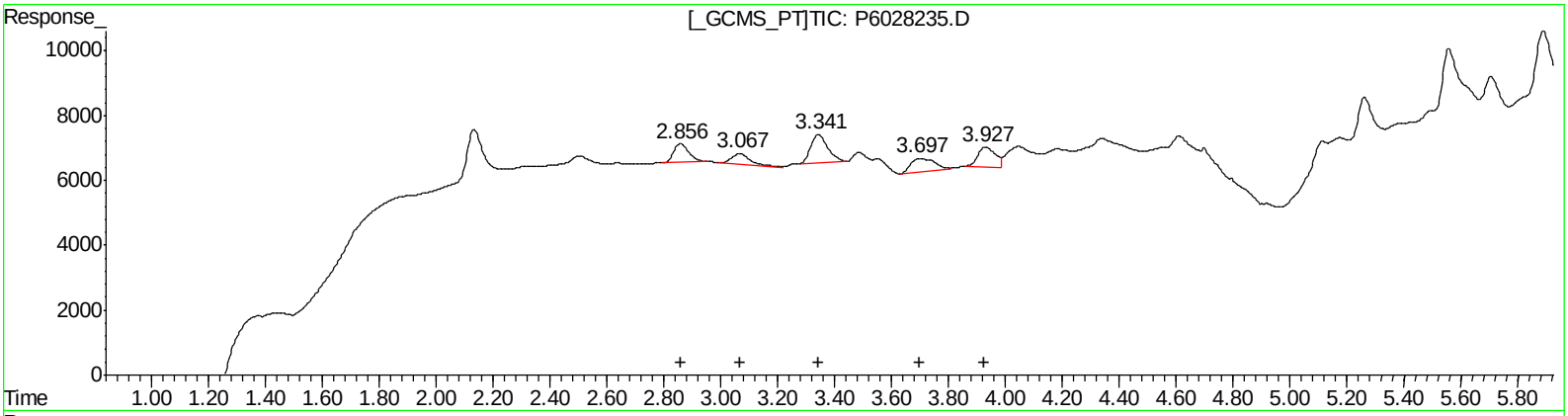


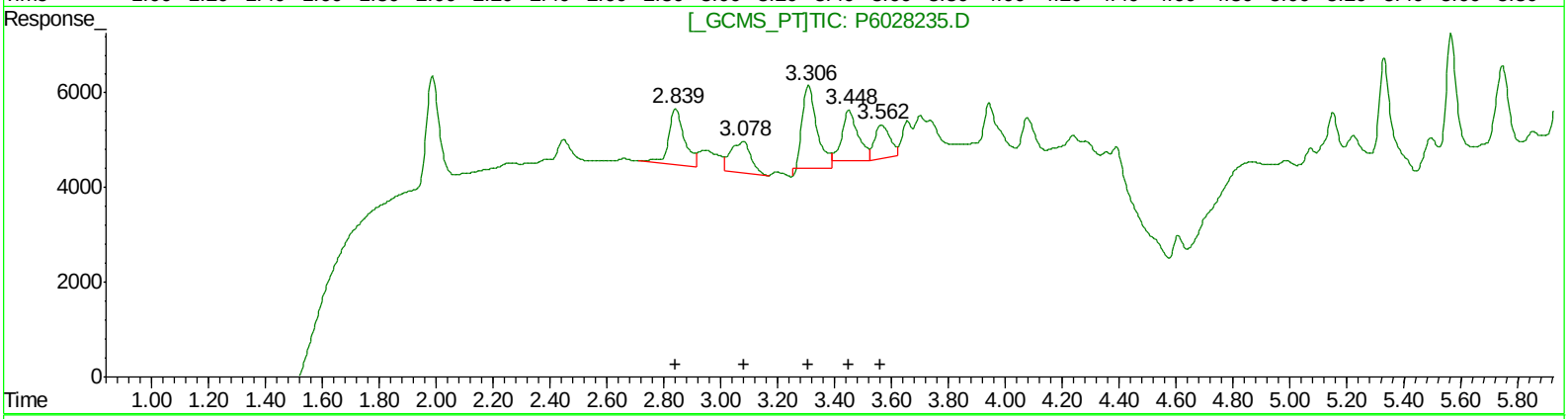
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.86	21100	55.04
3.07	13757	55.43
3.34	35896	54.69
3.70	22797	48.63
3.93	26282	66.17

(3) Aroclor-1016-1 #2 (L1)

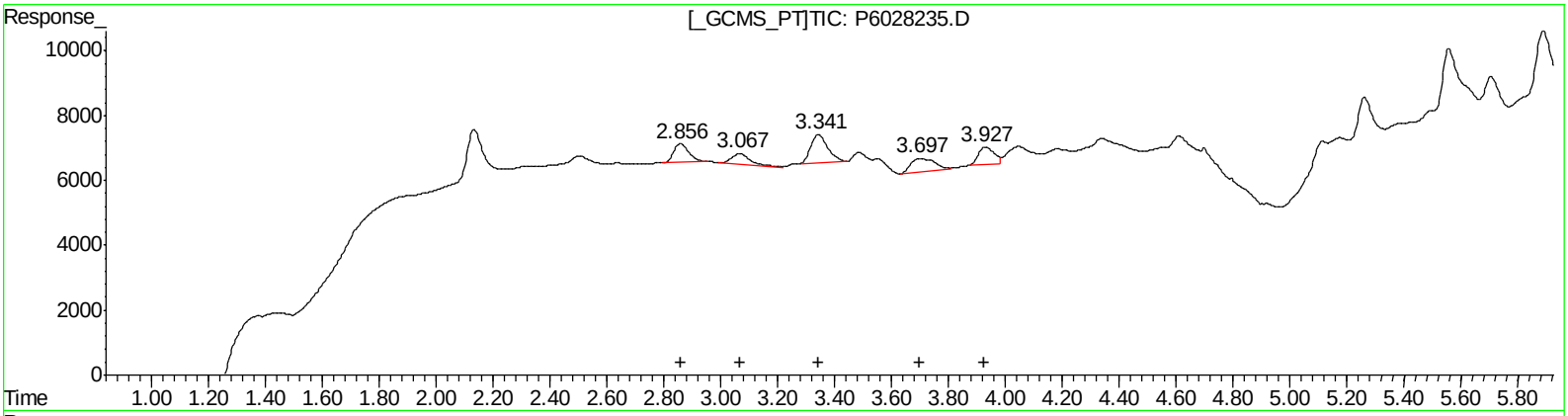
R.T.	Response	Conc
2.84	46477	75.03
3.08	32267	80.18
3.31	70095	60.69
3.45	49348	91.24
3.56	27140	71.30

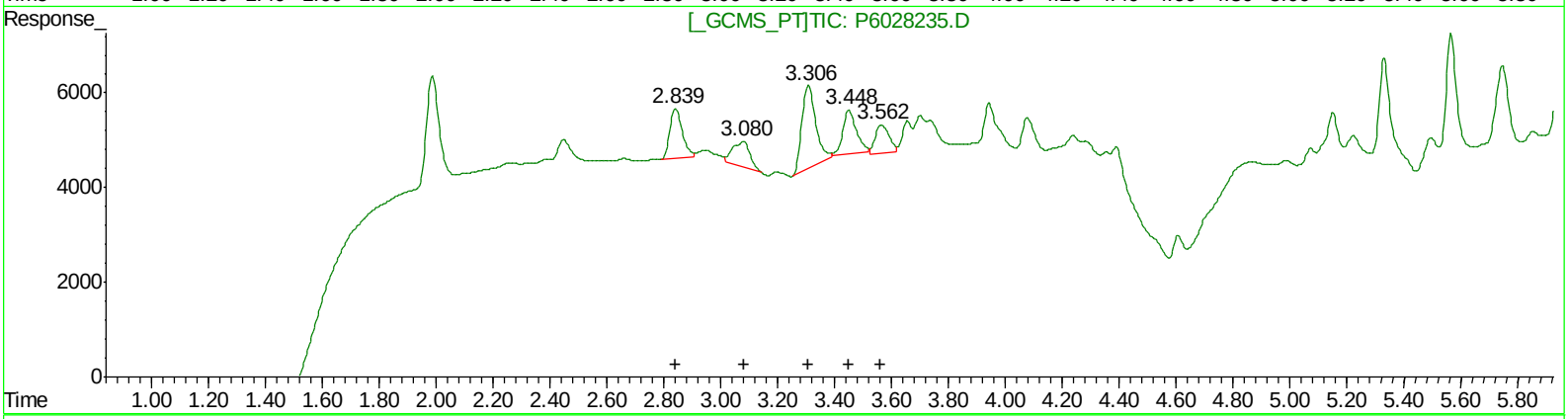
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.86	21100	55.04
3.07	13757	55.43
3.34	35896	54.69
3.70	22797	48.63
3.93	21132	53.21

(3) Aroclor-1016-1 #2 (L1)

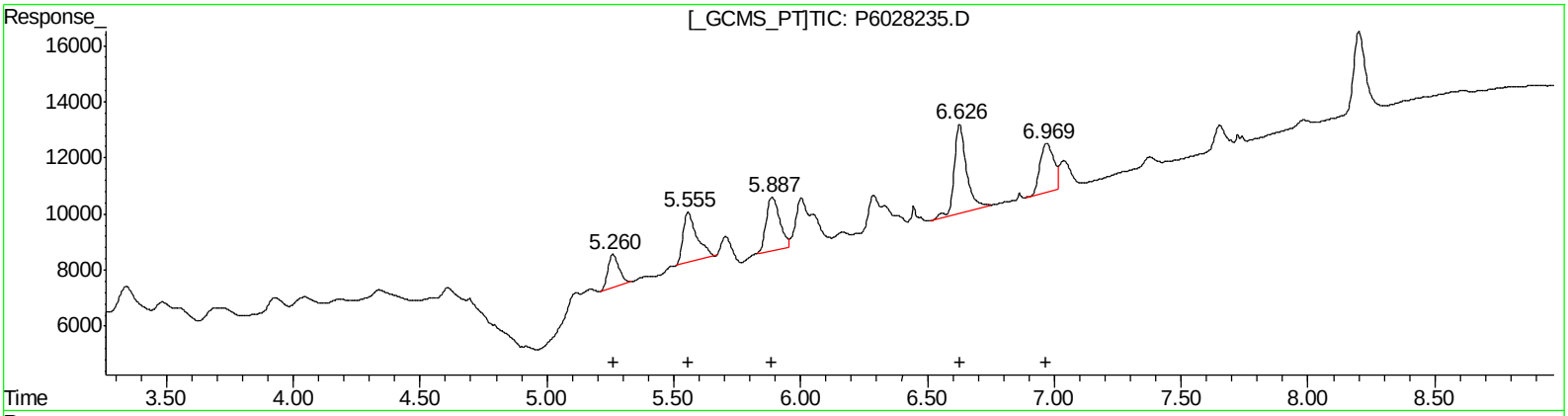
R.T.	Response	Conc
2.84	32743	52.86
3.08	21704	53.93
3.31	59653	51.65
3.45	30153	55.75
3.56	20014	52.58

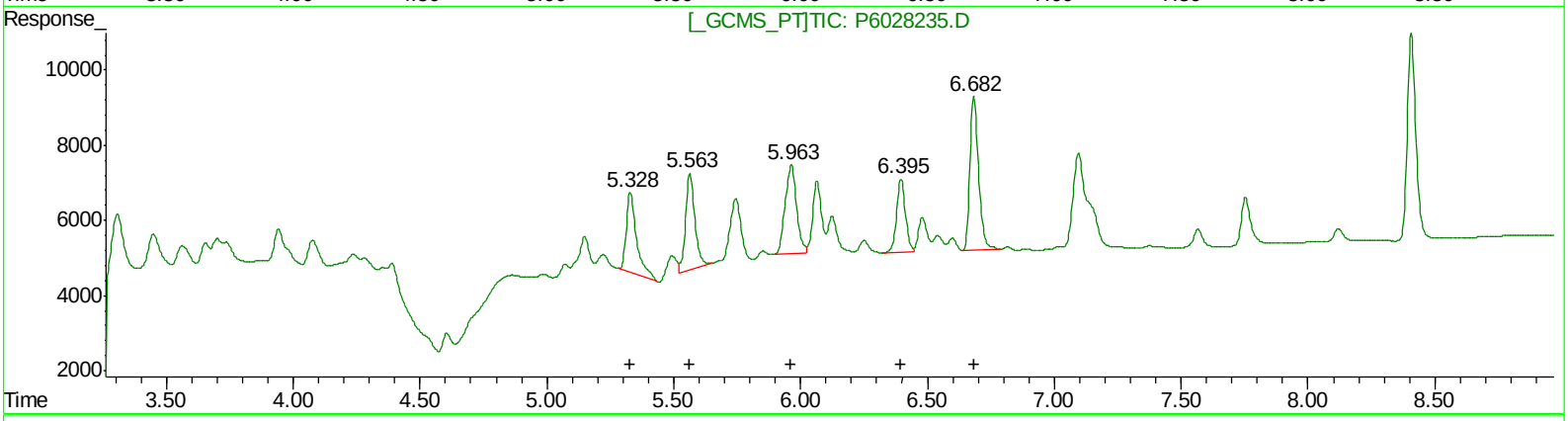
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	35506	56.19
5.56	68389	55.35
5.89	69318	55.03
6.63	105916	51.01
6.97	63734	50.84

(31) Aroclor-1260-1 #2 (L7)

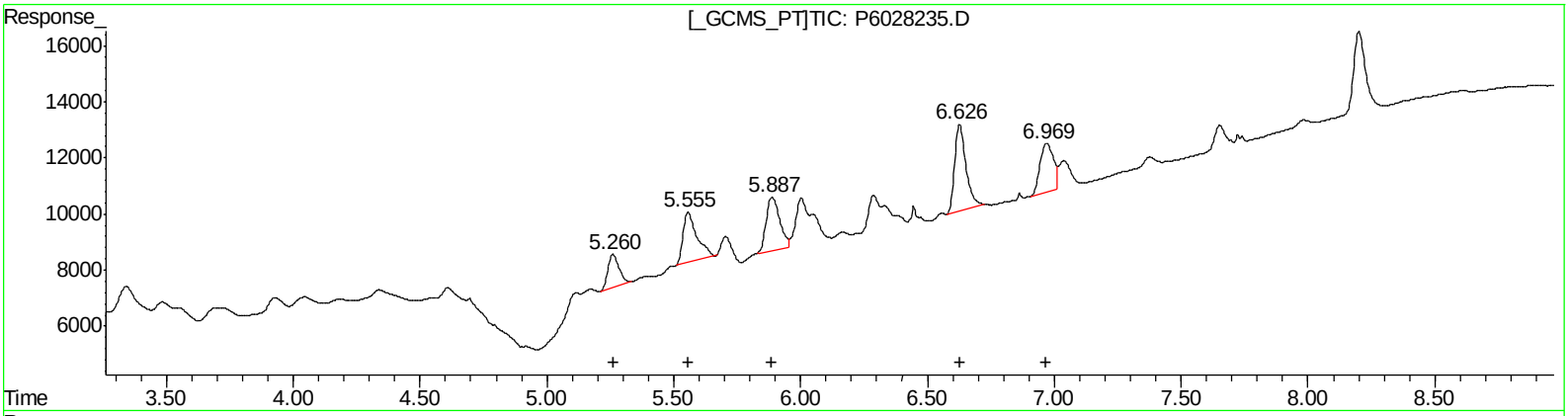
R.T.	Response	Conc
5.33	58800	65.61
5.56	66711	64.05
5.96	74226	53.89
6.40	46904	51.92
6.68	98862	51.55

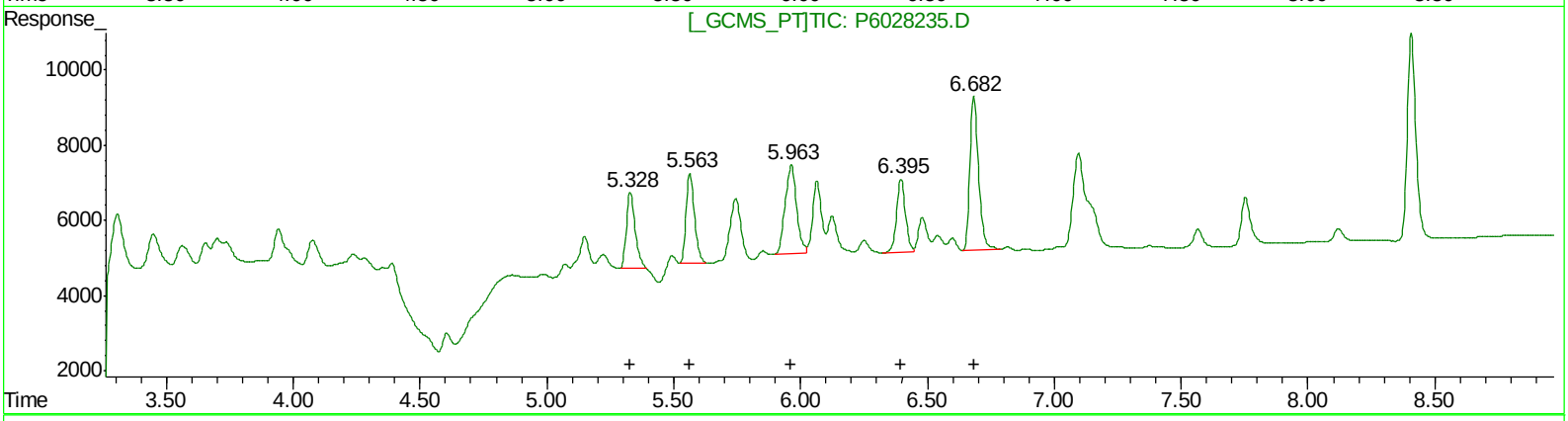
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	35506	56.19
5.56	68389	55.35
5.89	69318	55.03
6.63	95798	46.13
6.97	62811	50.10

(31) Aroclor-1260-1 #2 (L7)

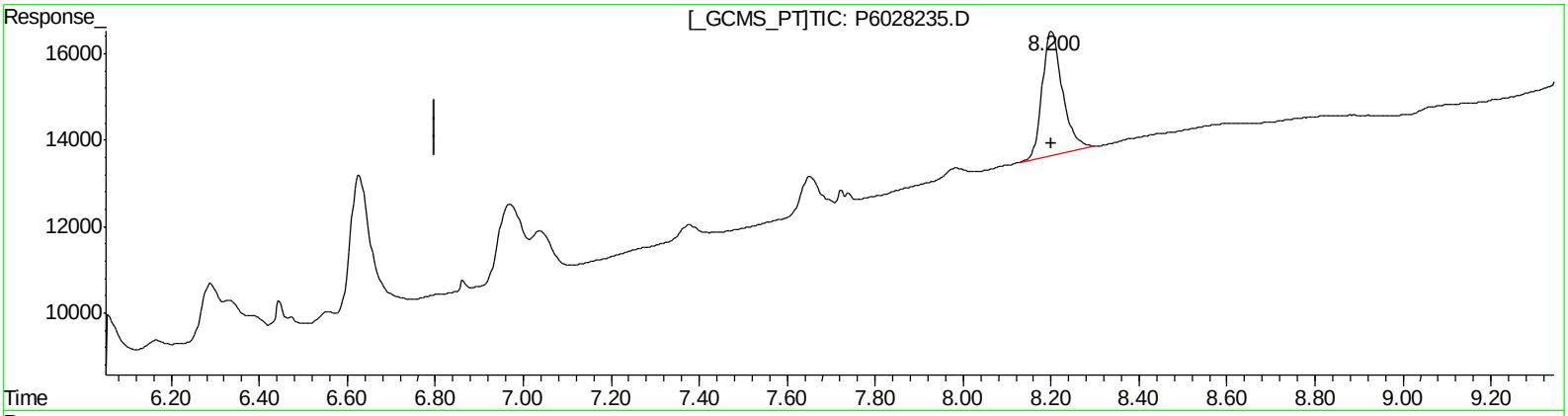
R.T.	Response	Conc
5.33	47521	53.02
5.56	55679	53.46
5.96	74226	53.89
6.40	46904	51.92
6.68	98862	51.55

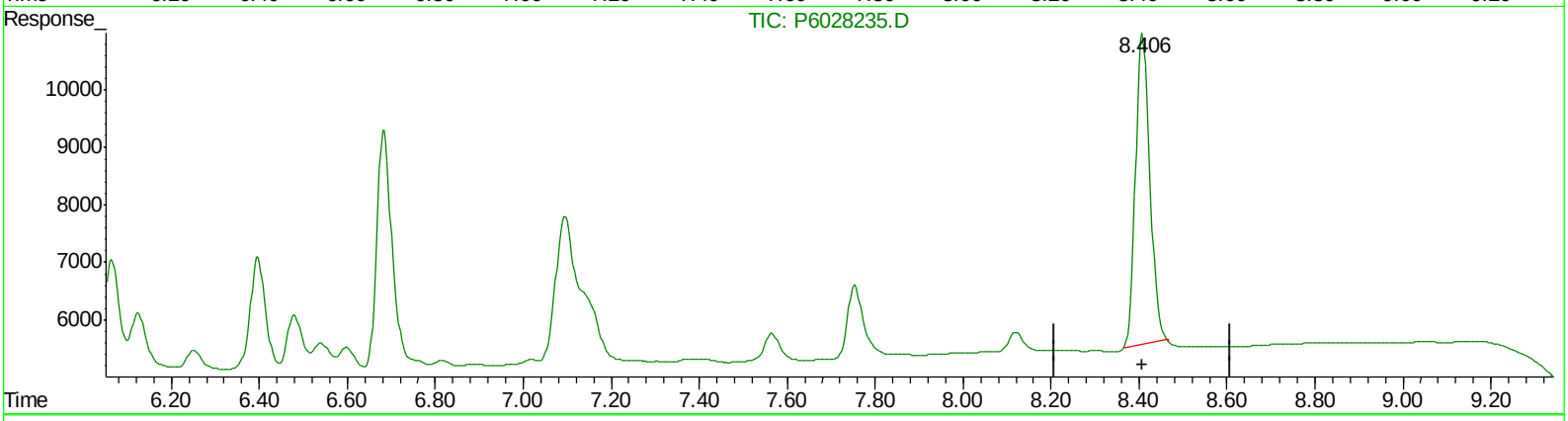
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.201min 5.507 ng/ml

response 91875

(2) Decachlorobiphenyl #2 (SA)

8.406min 5.763 ng/ml m

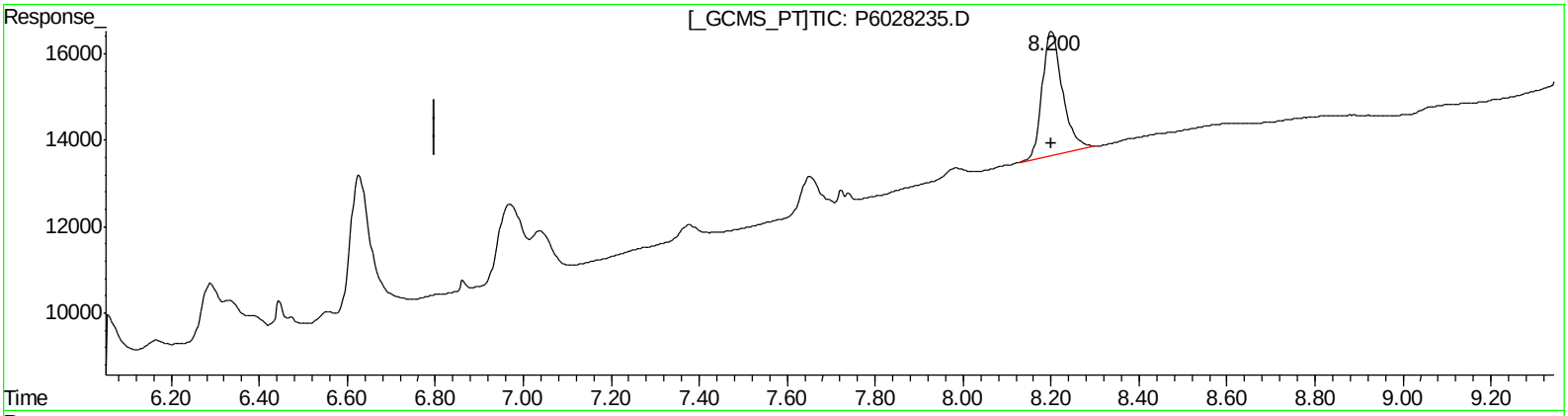
response 122245

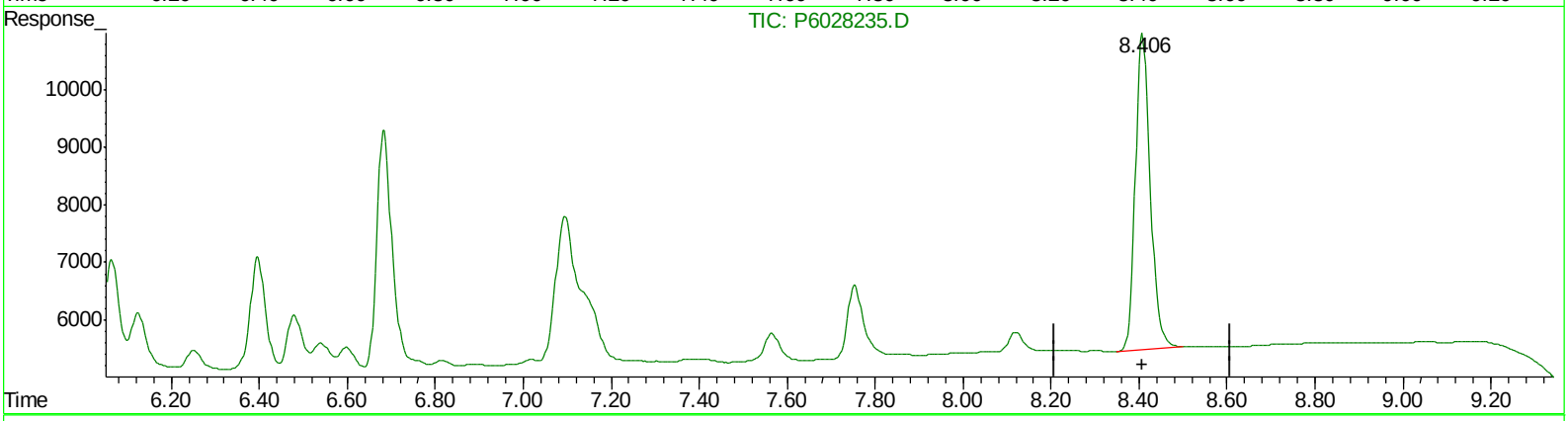
Quantitation Report (Qedit)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Jul 2009 13:24
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:47:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.201min 5.507 ng/ml

response 91875

(2) Decachlorobiphenyl #2 (SA)

8.406min 6.088 ng/ml m

response 129146

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028235.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 13:24
Operator : BI
Sample : 1660 50 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 14:52:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Data\Curve\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 14:47:16 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.133	1.986	59411	68581	5.318	4.585
2) SA	Decachlor...	8.201	8.406	91875	121877	5.507	5.745m
	Target Compounds						
3) L1	Aroclor-1...	2.857	2.839	21100	32743	55.035	52.861m
4) L1	Aroclor-1...	3.066	3.080	13757	21704	55.431	53.929m
5) L1	Aroclor-1...	3.343	3.306	35896	59653	54.688	51.650m
6) L1	Aroclor-1...	3.699	3.448	22797	30153	48.627	55.748m
7) L1	Aroclor-1...	3.927	3.562	21132	20014	53.206m	52.581m
31) L7	Aroclor-1...	5.262	5.328	35506	47521	56.193	53.021m
32) L7	Aroclor-1...	5.557	5.563	68389	55679	55.347	53.458m
33) L7	Aroclor-1...	5.889	5.964	69318	74226	55.025	53.892
34) L7	Aroclor-1...	6.626	6.397	95798	46904	46.135m	51.924
35) L7	Aroclor-1...	6.969	6.684	62811	98862	50.103m	51.552

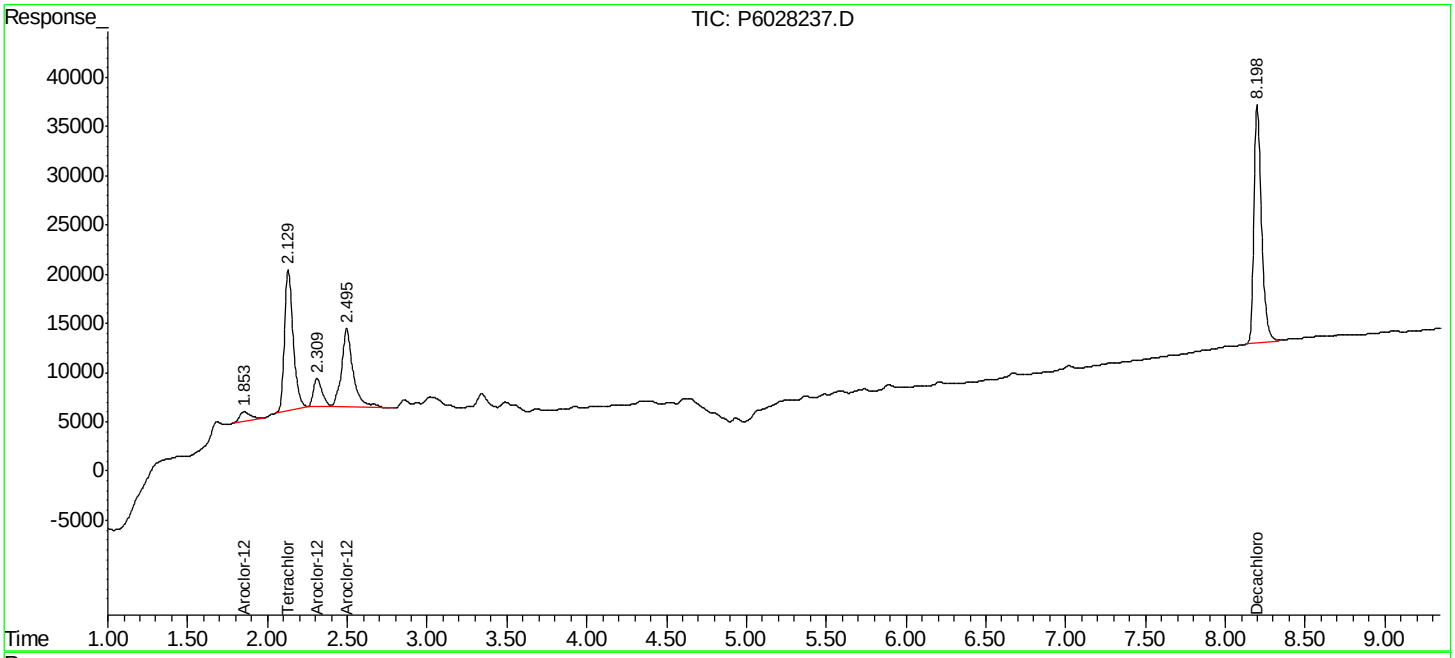
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

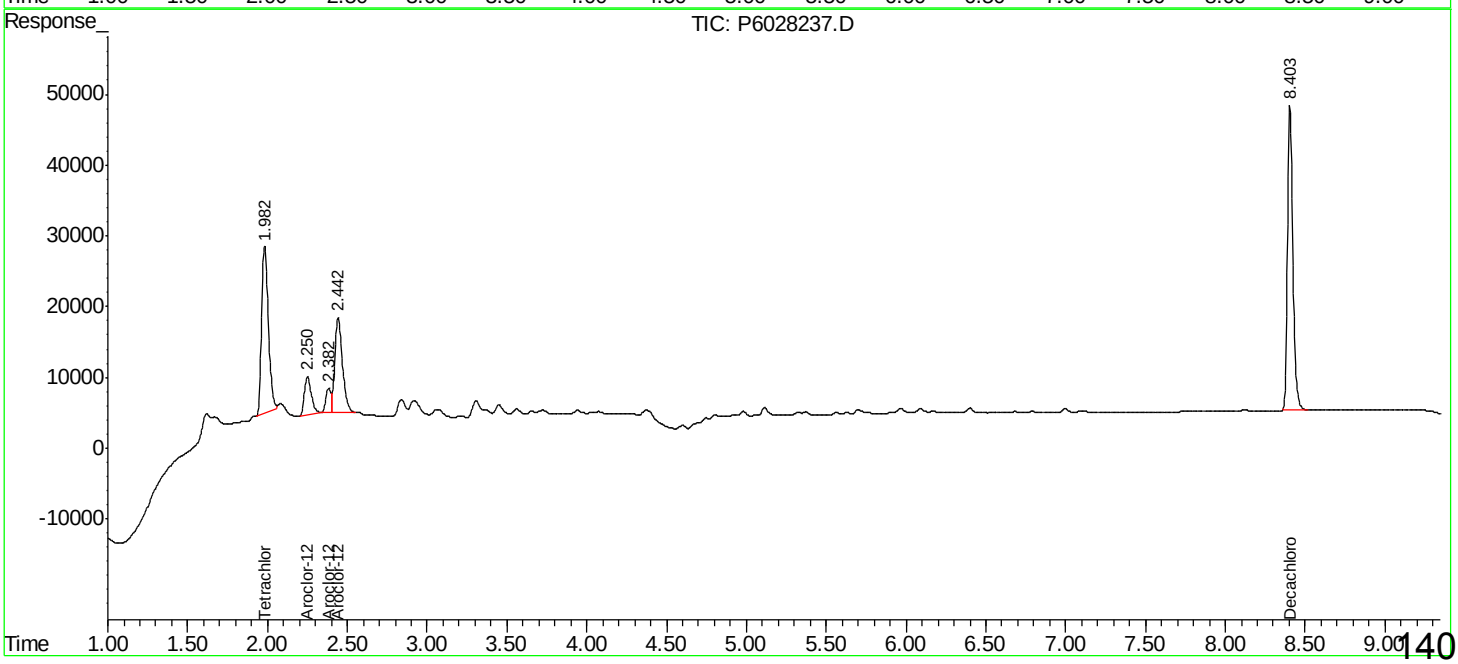
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028237.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 15:35
Operator : BI
Sample : AR1221 500 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:21:22 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:20:45 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028237.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 15:35
Operator : BI
Sample : AR1221 500 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:21:22 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:20:45 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

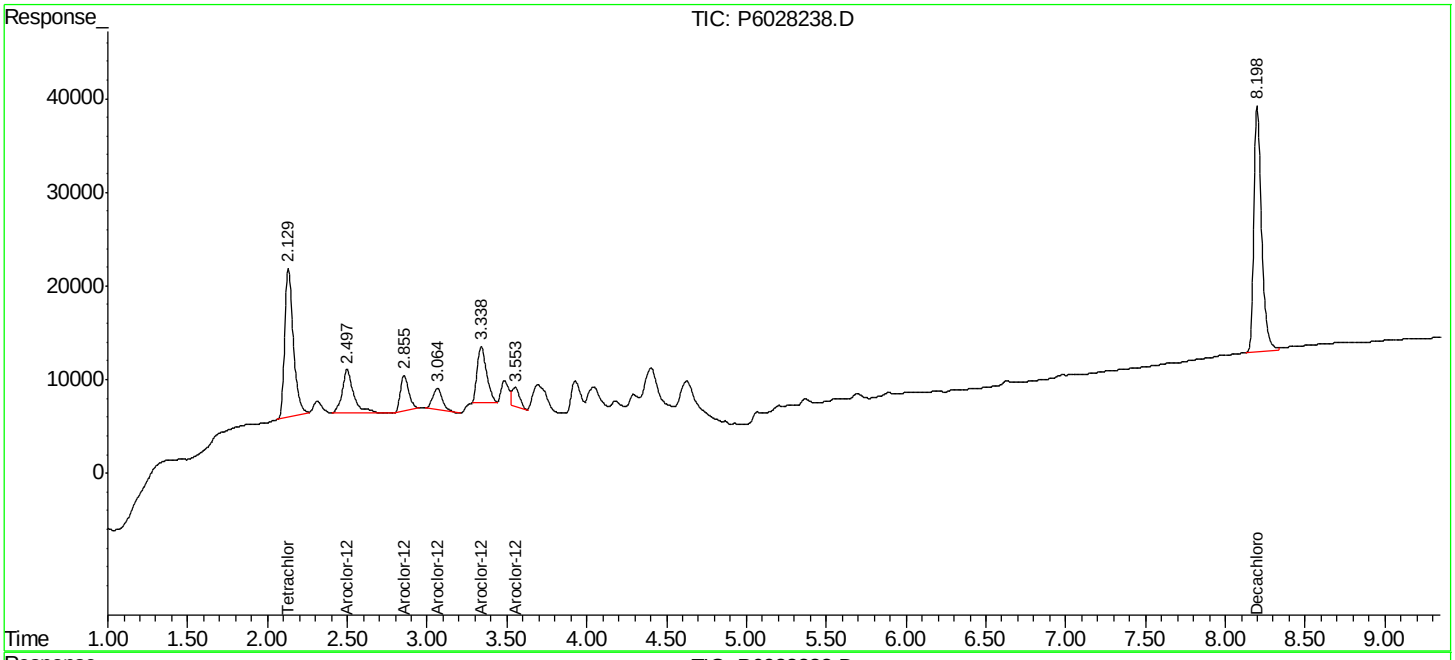
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.130	1.983	537633	694011	47.353	46.160
2)	SA Decachlor...	8.200	8.405	812098	996693	47.051	45.590
	Target Compounds						
8)	L2 Aroclor-1...	1.855	2.251	46375	164407	500.000	500.000
9)	L2 Aroclor-1...	2.311	2.384	106851	76364	500.000	500.000
10)	L2 Aroclor-1...	2.497	2.443	403421	444333	500.000	500.000

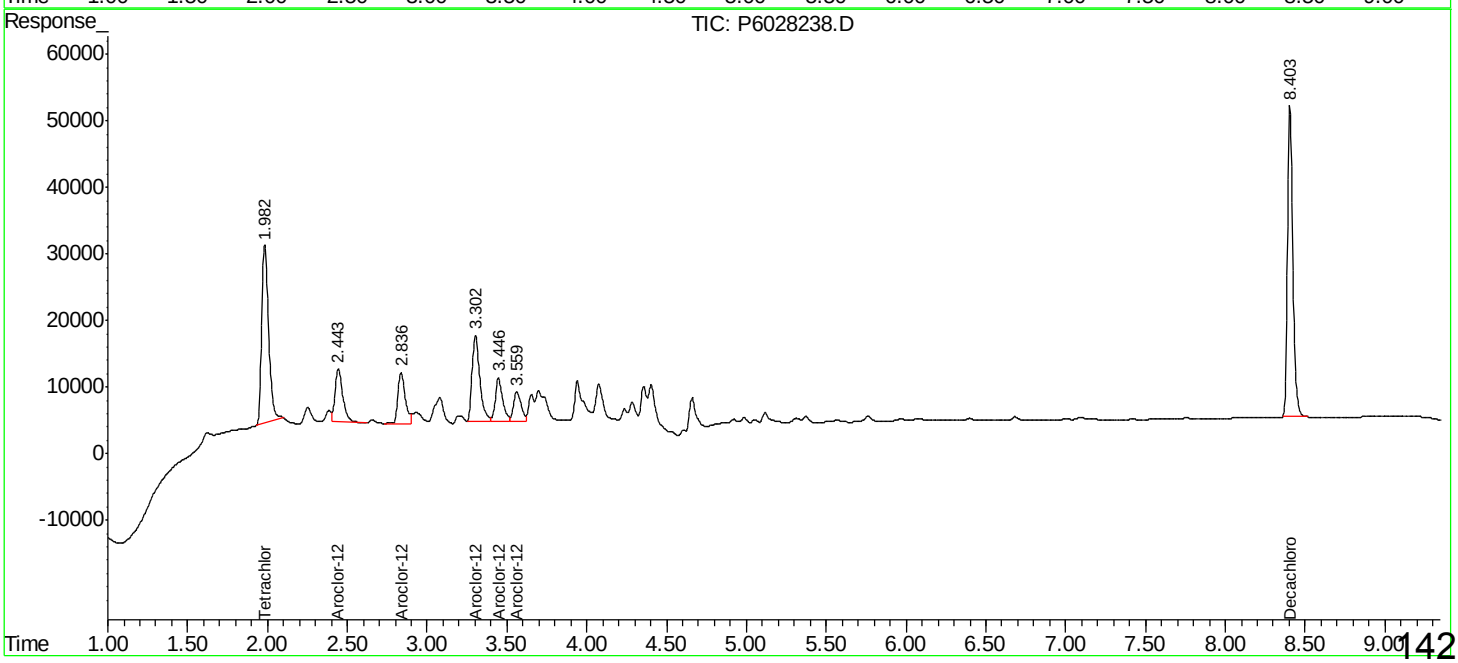
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028238.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 15:48
Operator : BI
Sample : AR1232 500 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:20:09 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:19:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028238.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 15:48
Operator : BI
Sample : AR1232 500 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:20:09 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:19:38 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.131	1.984	595808	811256	52.477	53.958
2)	SA Decachlor...	8.200	8.405	887842	1079763	51.439	49.390
	Target Compounds						
11)	L3 Aroclor-1...	2.499	2.445	235768	269325	500.000	500.000
12)	L3 Aroclor-1...	2.857	2.838	140049	239147	500.000	500.000
13)	L3 Aroclor-1...	3.065	3.304	94385	435132	500.000	500.000
14)	L3 Aroclor-1...	3.340	3.448	244847	204269	500.000	500.000
15)	L3 Aroclor-1...	3.552	3.561	67548	142456	500.000	500.000

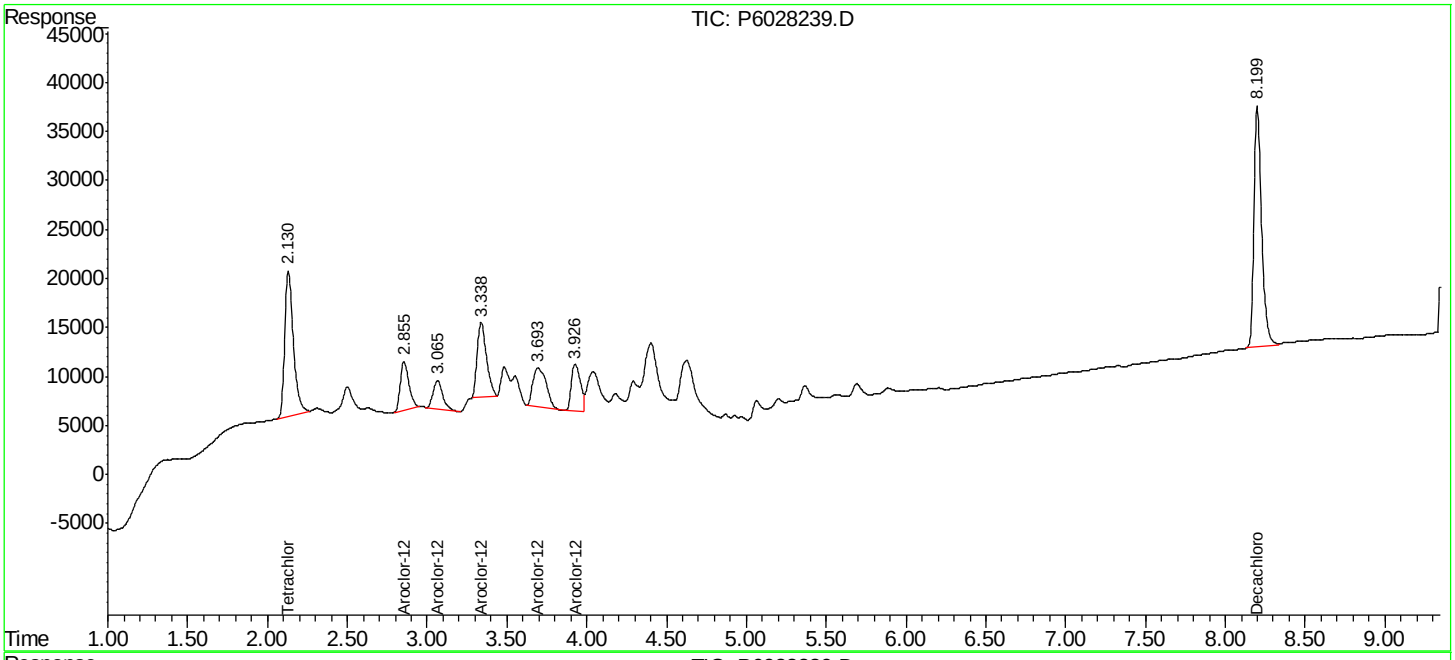
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

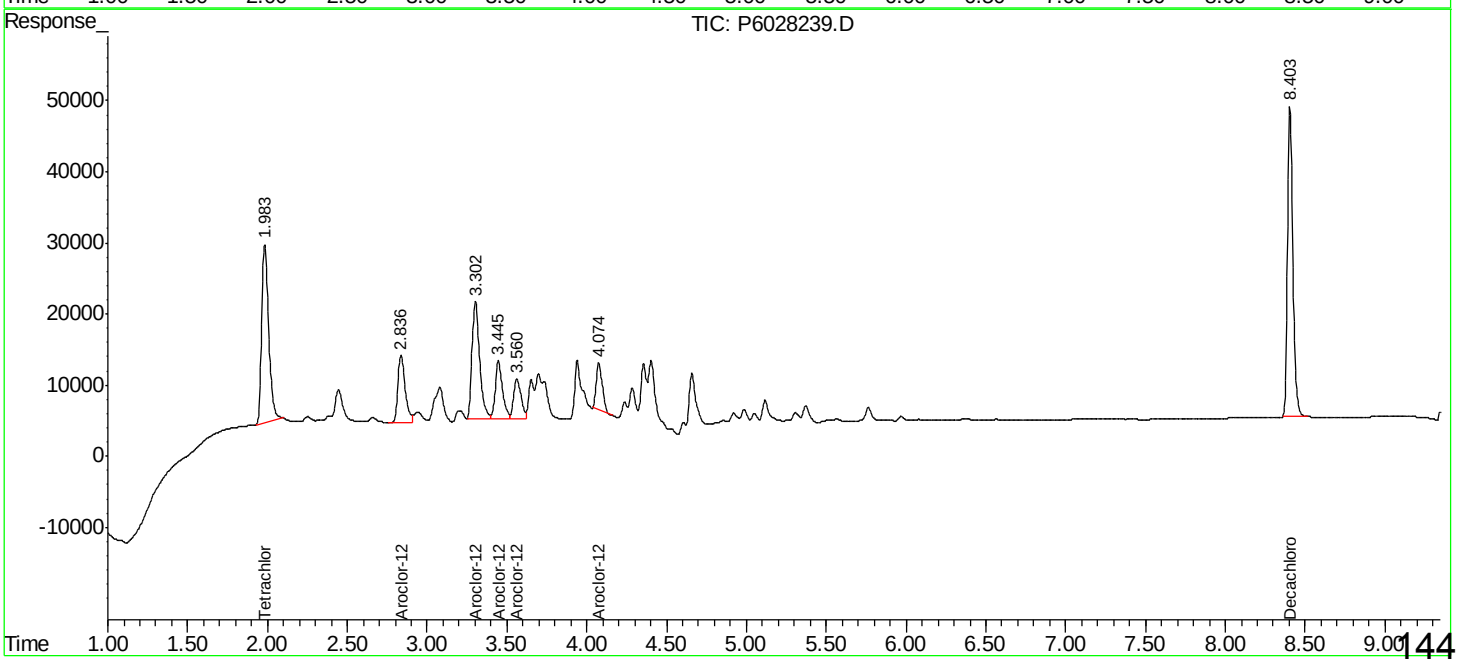
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028239.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:01
Operator : BI
Sample : AR1242 500 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:24:16 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:23:47 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028239.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:01
Operator : BI
Sample : AR1242 500 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 16:24:16 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 16:23:47 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.131	1.984	554722	768396	49.455	51.598
2)	SA Decachlor...	8.201	8.405	830377	1016413	48.650	46.945
	Target Compounds						
16)	L4 Aroclor-1...	2.857	2.838	184236	295604	500.000	500.000
17)	L4 Aroclor-1...	3.066	3.303	118434	550360	500.000	500.000
18)	L4 Aroclor-1...	3.340	3.447	310002	254079	500.000	500.000
19)	L4 Aroclor-1...	3.694	3.561	233373	182192	500.000	500.000
20)	L4 Aroclor-1...	3.928	4.075	191285	169563	500.000	500.000

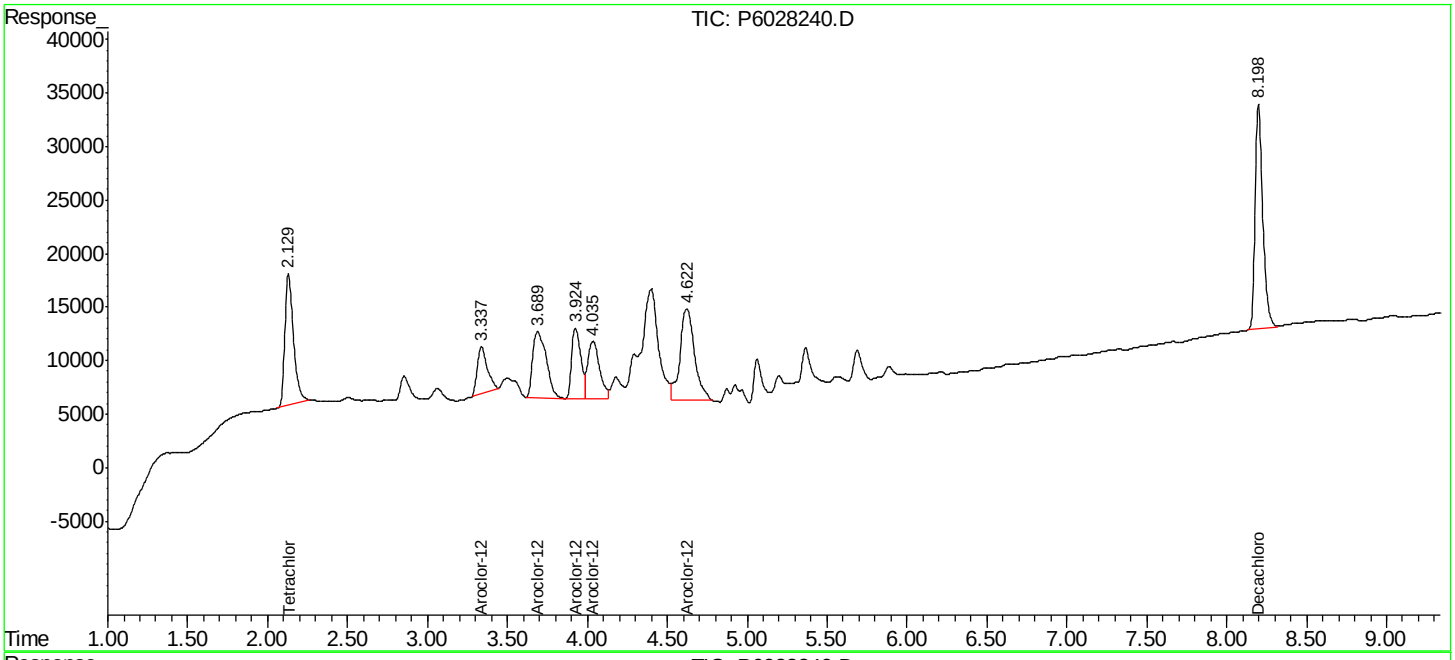
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

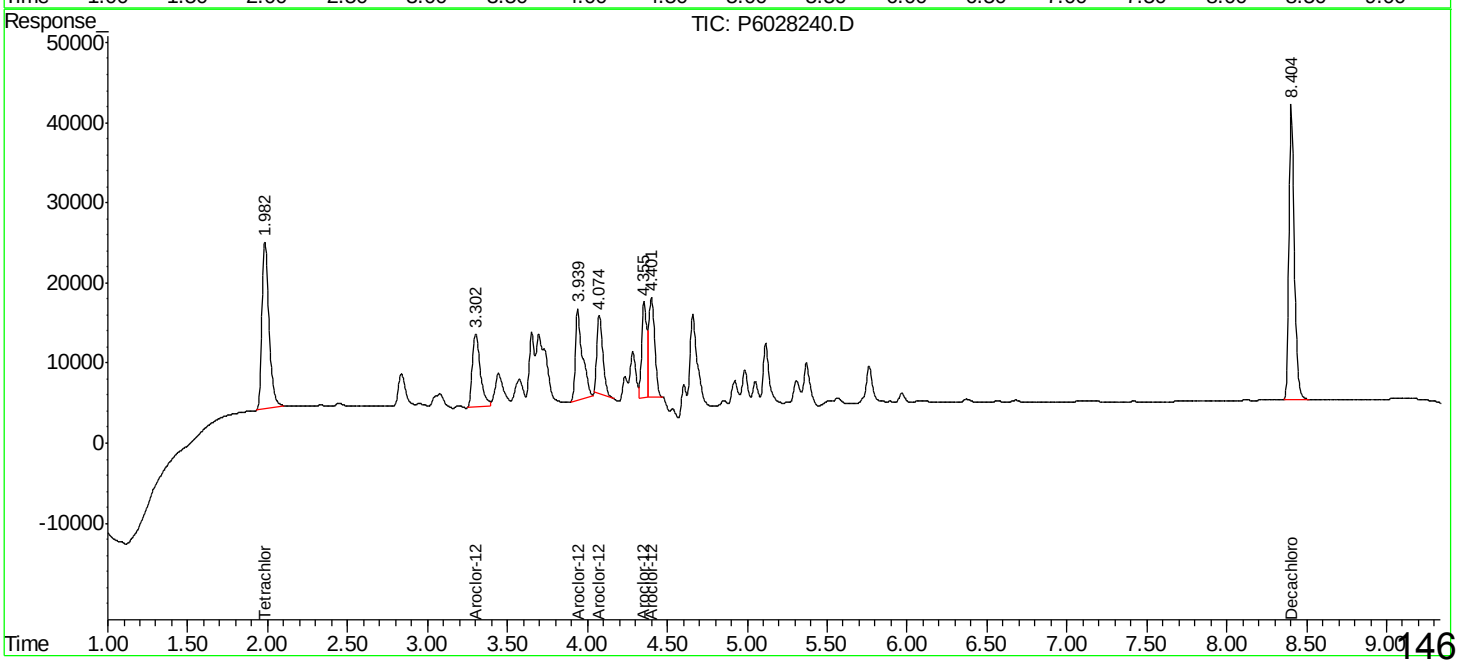
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028240.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:14
Operator : BI
Sample : AR1248 500 PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:10:17 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:09:29 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028240.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:14
Operator : BI
Sample : AR1248 500 PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:10:17 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:09:29 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.131	1.984	460422	644048	42.231	44.486
2)	SA Decachlor...	8.200	8.406	703909	855189	42.285	40.504
	Target Compounds						
21)	L5 Aroclor-1...	3.339	3.303	188743	322662	500.000	500.000
22)	L5 Aroclor-1...	3.690	3.941	366608	339796	500.000	500.000
23)	L5 Aroclor-1...	3.926	4.075	260817	253668	500.000	500.000
24)	L5 Aroclor-1...	4.036	4.356	282269	256688	500.000	500.000
25)	L5 Aroclor-1...	4.623	4.402	548567	331962	500.000	500.000

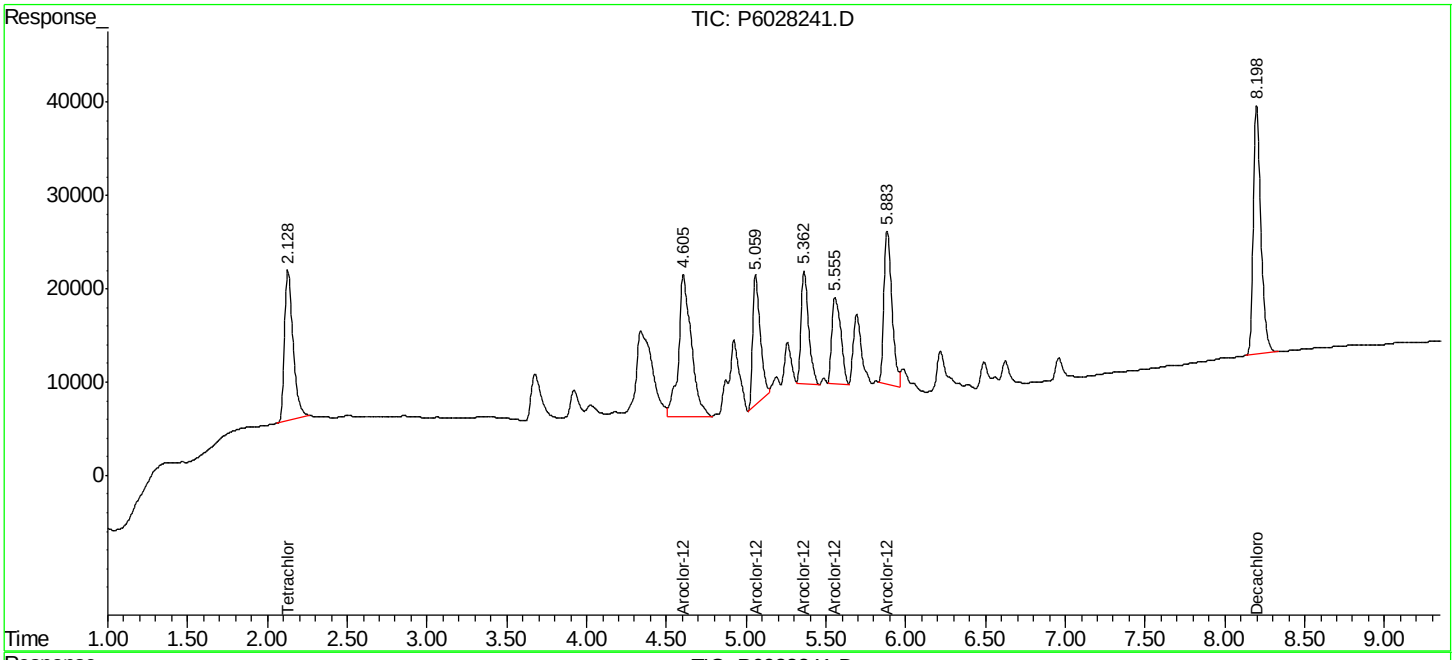
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

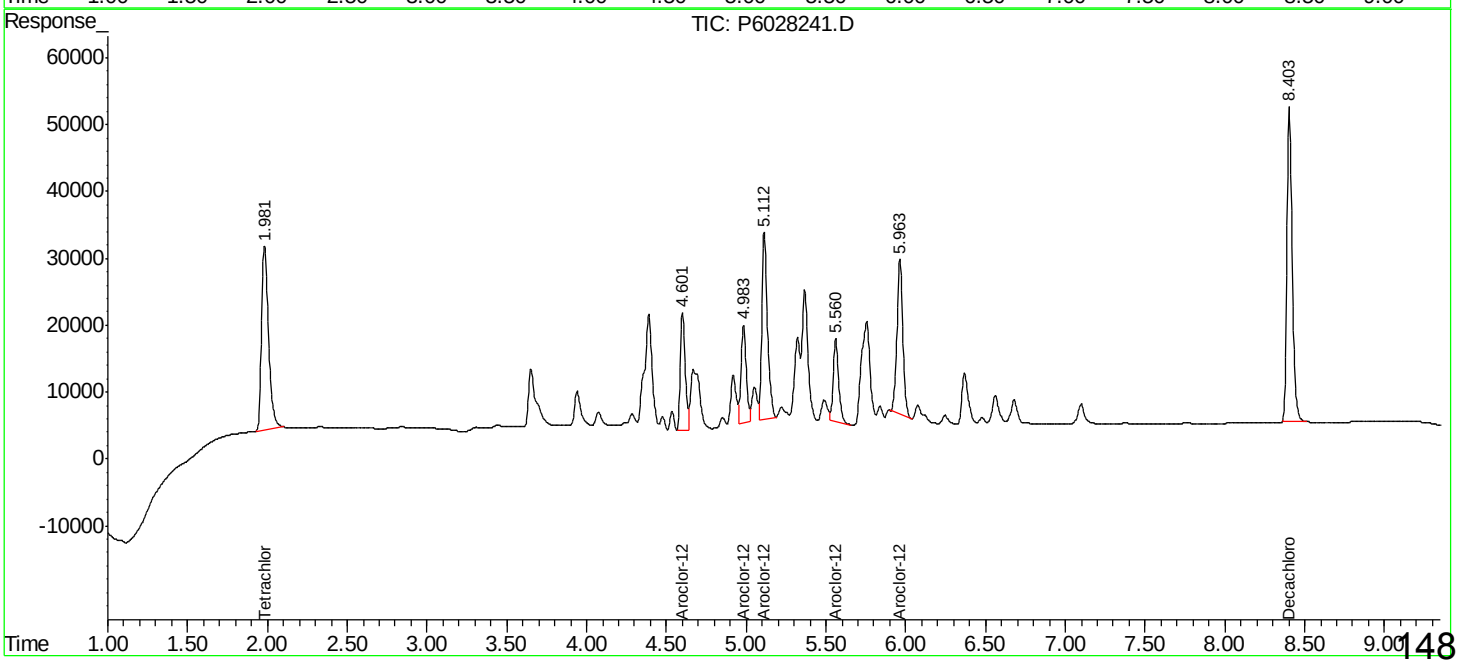
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028241.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:27
Operator : BI
Sample : AR1254 500 PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:16:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:15:25 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028241.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:27
Operator : BI
Sample : AR1254 500 PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:16:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:15:25 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.130	1.983	601967	844243	52.924	55.744
2)	SA Decachlor...	8.200	8.405	885174	1081700	51.311	49.464
	Target Compounds						
26)	L6 Aroclor-1...	4.607	4.602	845366	373283	500.000	500.000
27)	L6 Aroclor-1...	5.061	4.985	460394	333462	500.000	500.000
28)	L6 Aroclor-1...	5.364	5.114	400113	676012	500.000	500.000
29)	L6 Aroclor-1...	5.558	5.562	363289	296649	500.000	500.000
30)	L6 Aroclor-1...	5.885	5.964	574545	591298	500.000	500.000

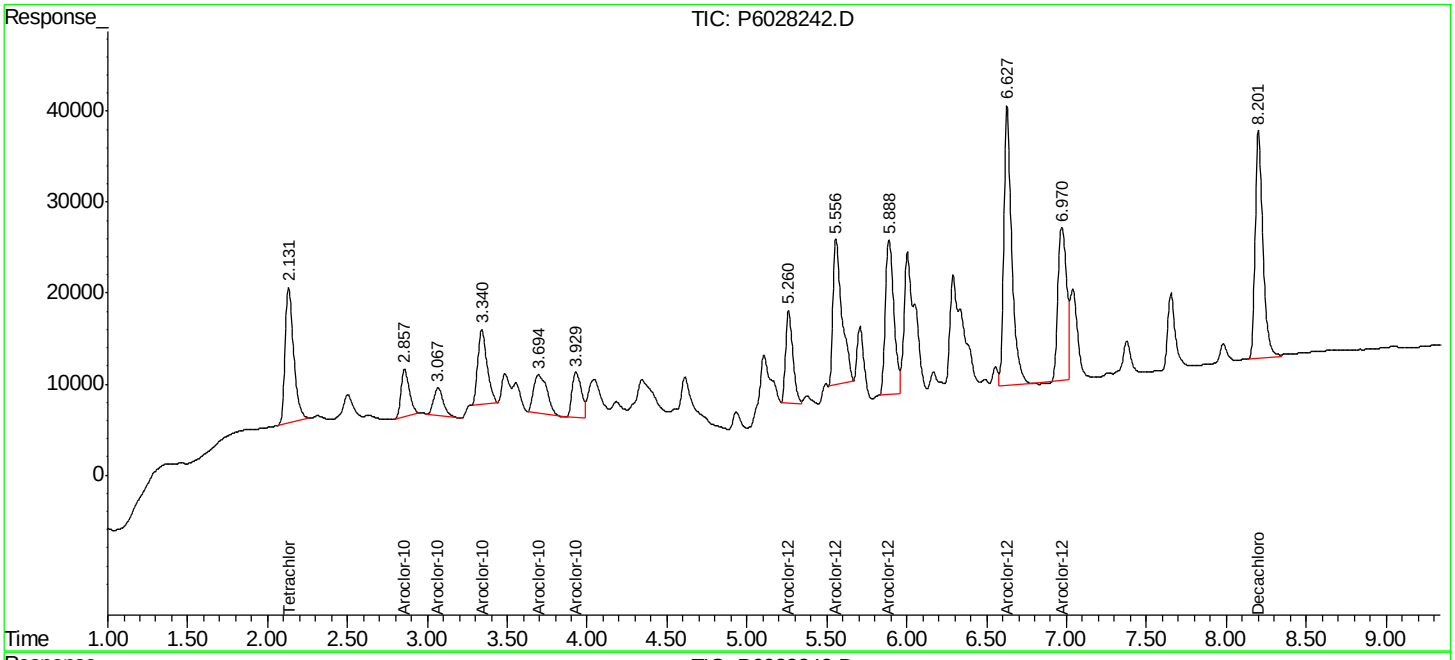
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

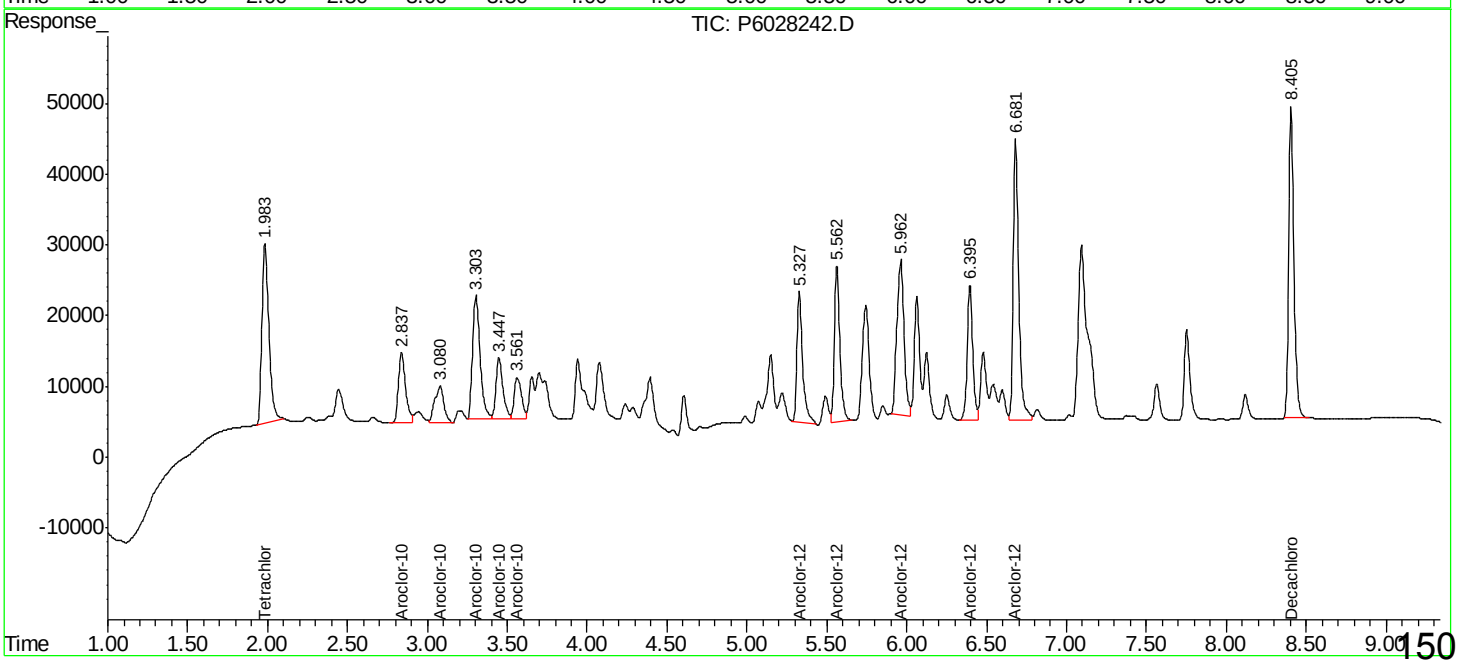
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028242.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:42
Operator : BI
Sample : 1660 500 ICV
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:25:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:23:08 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028242.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 16:42
Operator : BI
Sample : 1660 500 ICV
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:25:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809 NEW.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:23:08 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.133	1.984	557758	769916	50.641	51.636
2) SA	Decachlor...	8.203	8.406	841224	1021132	50.841	49.111
	Target Compounds						
3) L1	Aroclor-1...	2.859	2.839	192375	307868	504.284	490.899
4) L1	Aroclor-1...	3.068	3.081	123596	200835	503.586	481.223
5) L1	Aroclor-1...	3.342	3.305	332358	580138	509.772	497.356
6) L1	Aroclor-1...	3.696	3.449	247887	267038	519.402	469.950
7) L1	Aroclor-1...	3.931	3.562	200887	191301	497.505	479.089
31) L7	Aroclor-1...	5.262	5.329	314807	449536	499.357	498.829
32) L7	Aroclor-1...	5.558	5.563	621296	517615	506.132	493.116
33) L7	Aroclor-1...	5.890	5.964	631310	685172	505.630	519.297
34) L7	Aroclor-1...	6.629	6.396	1055431	452931	512.251	504.450
35) L7	Aroclor-1...	6.972	6.682	637044	962223	513.274	504.637

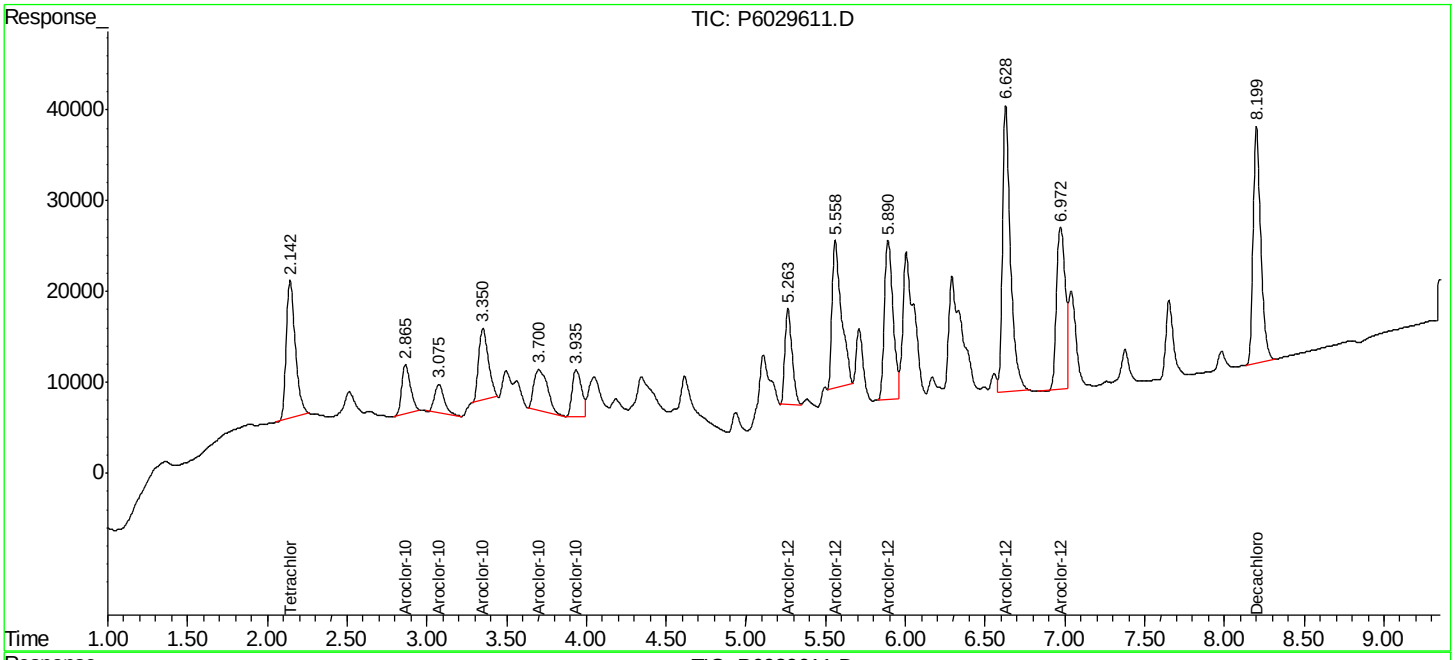
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

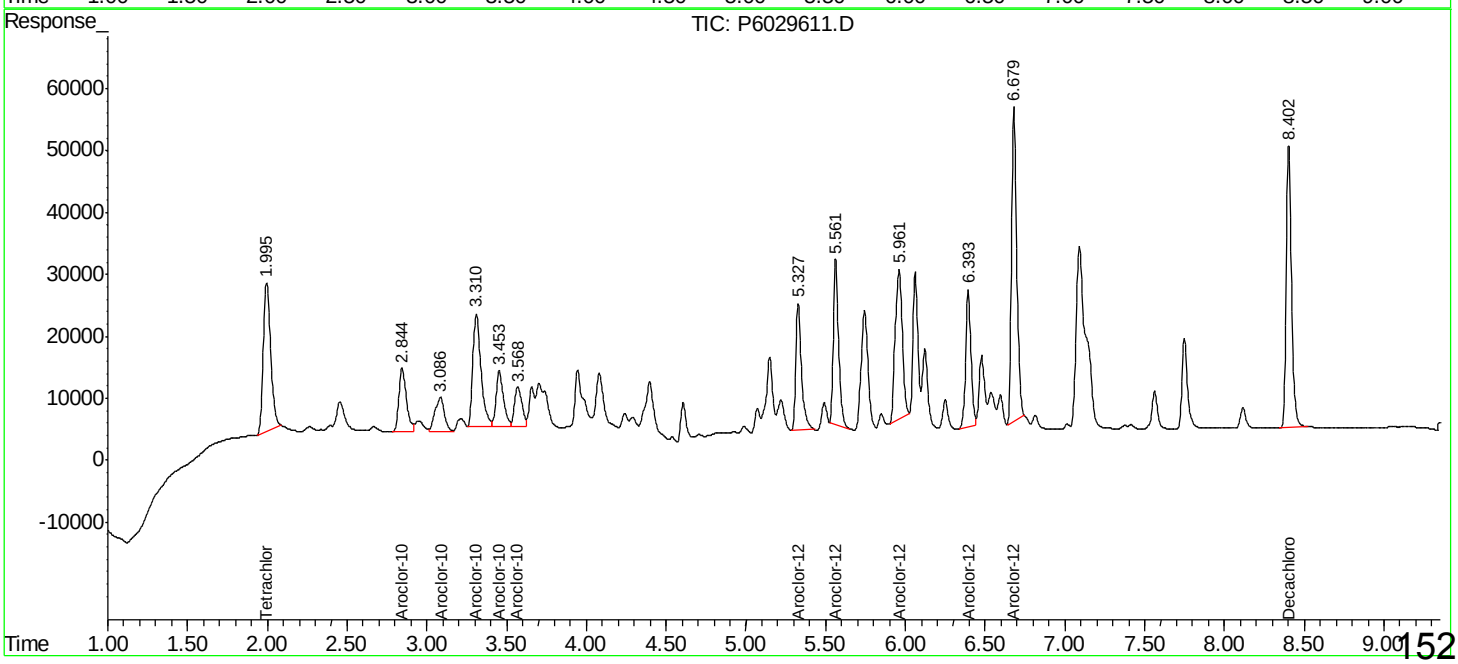
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 11:18
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:52:20 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



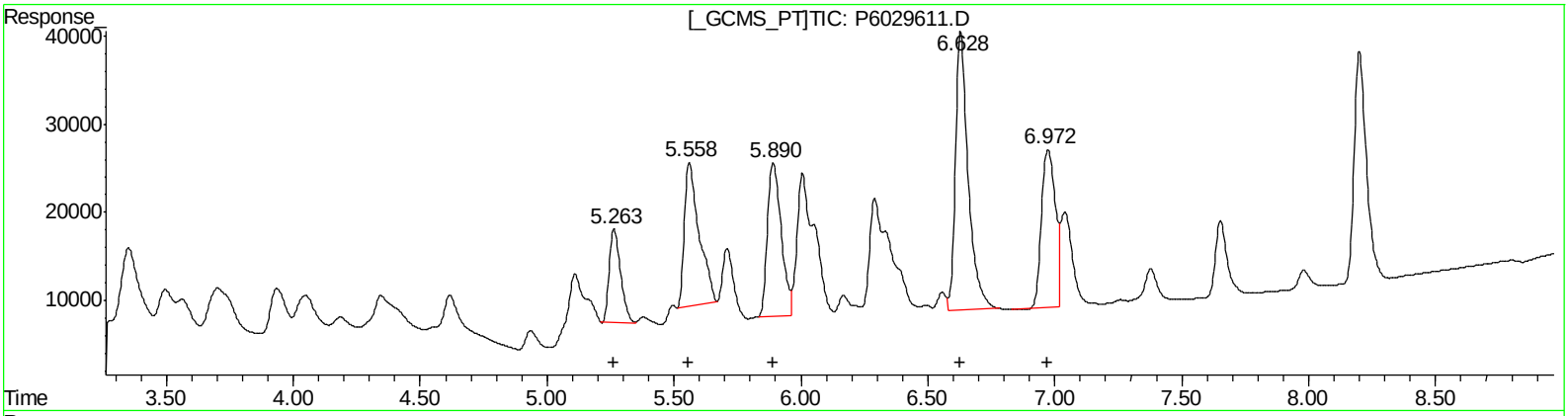


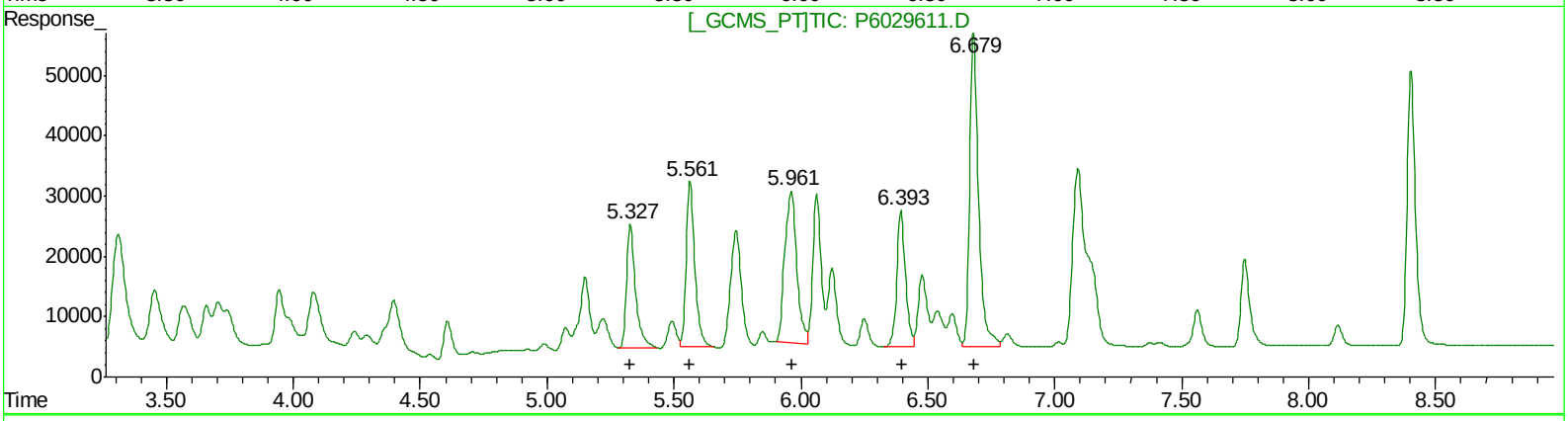
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 11:18
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:49:55 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	331432	524.53
5.56	656304	531.15
5.89	654537	519.58
6.63	1100560	540.55
6.97	682706	546.20

(31) Aroclor-1260-1 #2 (L7)

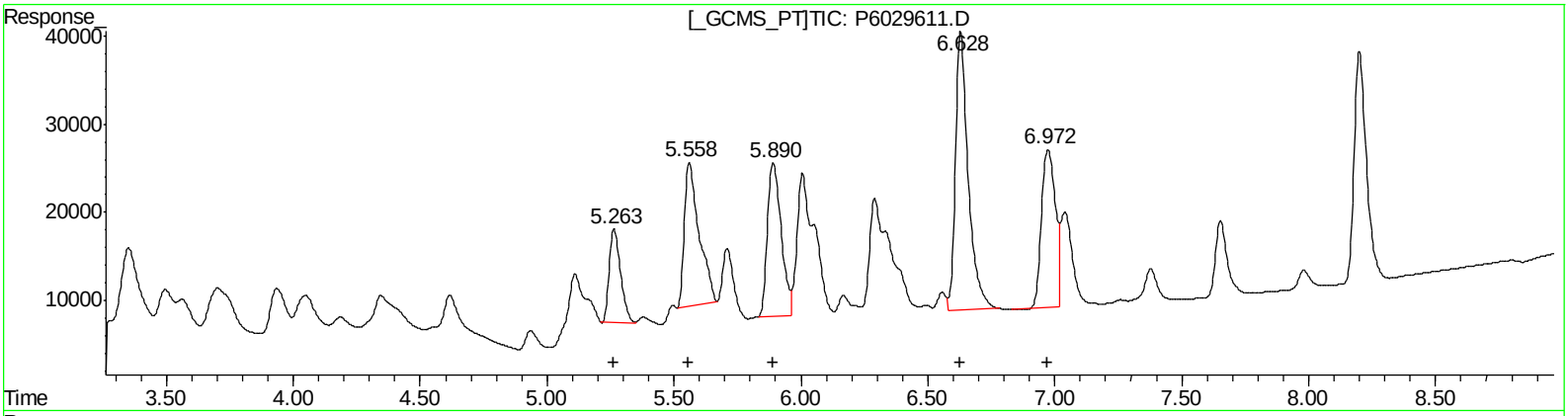
R.T.	Response	Conc
5.33	503961	565.33
5.56	650325	625.20
5.96	816600	592.90
6.39	535845	593.19
6.68	1283753	669.42

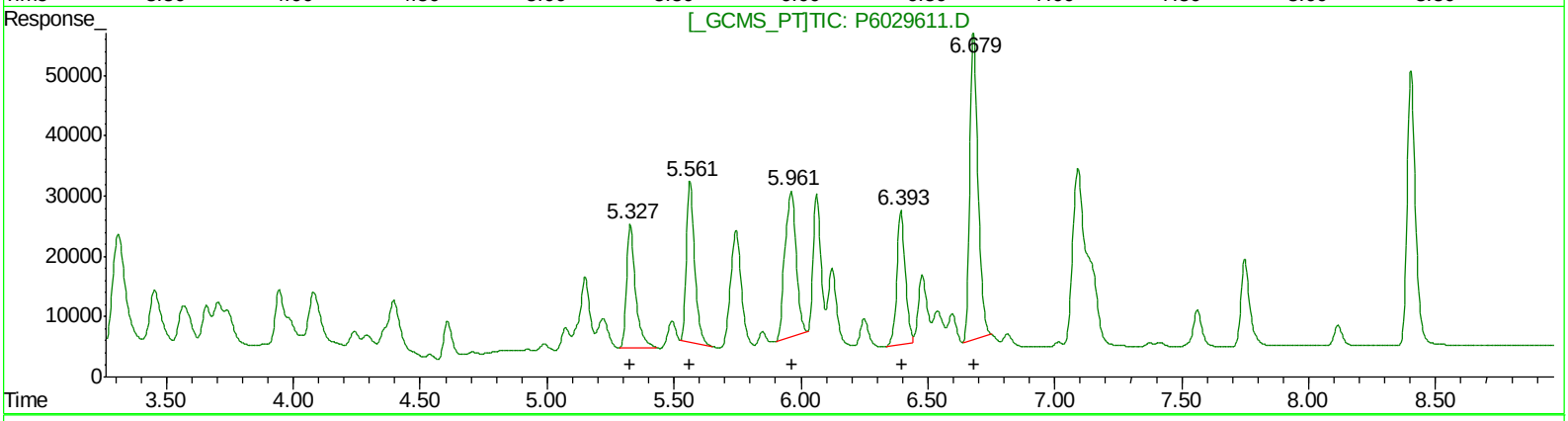
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 11:18
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:49:55 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	331432	524.53
5.56	656304	531.15
5.89	654537	519.58
6.63	1100560	540.55
6.97	682706	546.20

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	503833	565.18
5.56	609298	585.75
5.96	745300	541.13
6.39	508942	563.41
6.68	1151164	600.28

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 11:18
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:52:20 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.144	1.996	600183	774840	54.024	52.880
2) SA	Decachlor...	8.201	8.404	869042	1044004	52.177	50.086
	Target Compounds						
3) L1	Aroclor-1...	2.867	2.846	199654	330744	520.750	537.869
4) L1	Aroclor-1...	3.076	3.087	129549	217490	521.970	537.478
5) L1	Aroclor-1...	3.352	3.311	333664	643176	508.337	557.158
6) L1	Aroclor-1...	3.702	3.454	267290	293140	570.138	539.566
7) L1	Aroclor-1...	3.937	3.570	212370	213961	536.619	550.601
31) L7	Aroclor-1...	5.264	5.327	331432	503833	524.532	565.184m
32) L7	Aroclor-1...	5.560	5.561	656304	609298	531.146	585.755m
33) L7	Aroclor-1...	5.892	5.961	654537	745300	519.578	541.130m
34) L7	Aroclor-1...	6.630	6.393	1100560	508942	540.550	563.412m
35) L7	Aroclor-1...	6.973	6.679	682706	1151164	546.197	600.279m

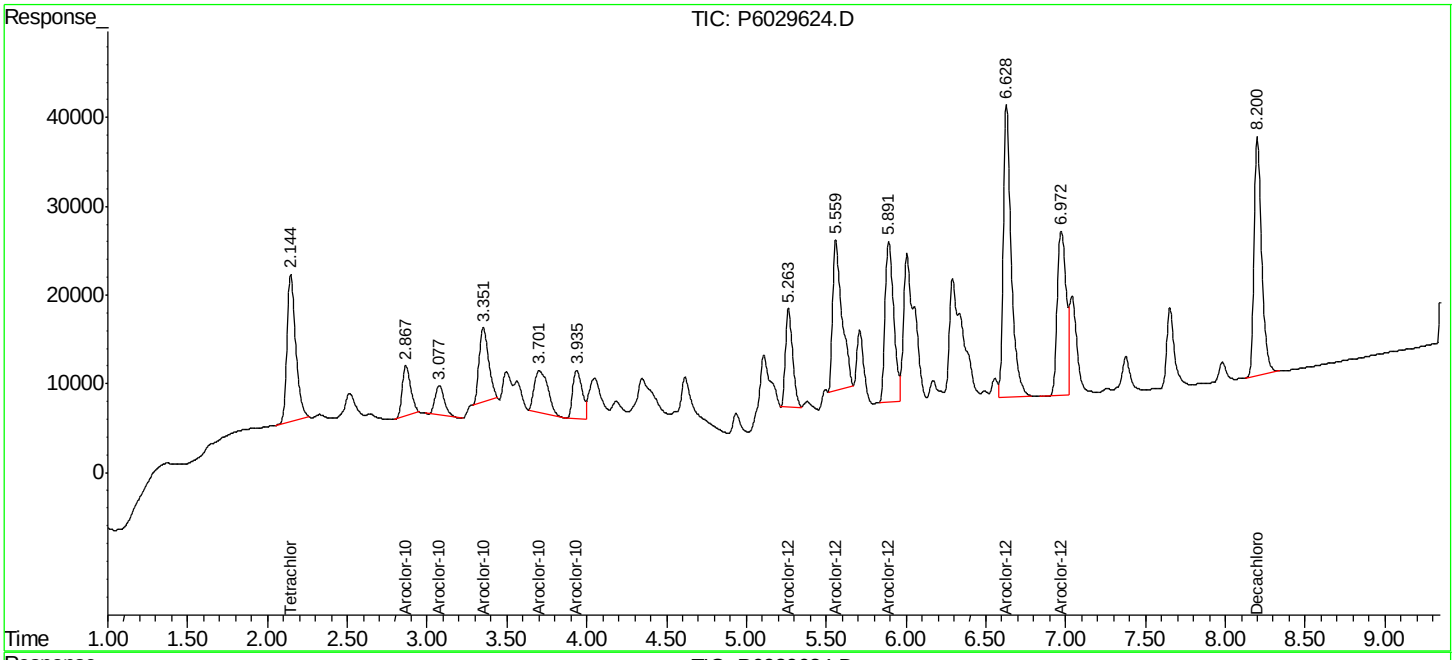
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

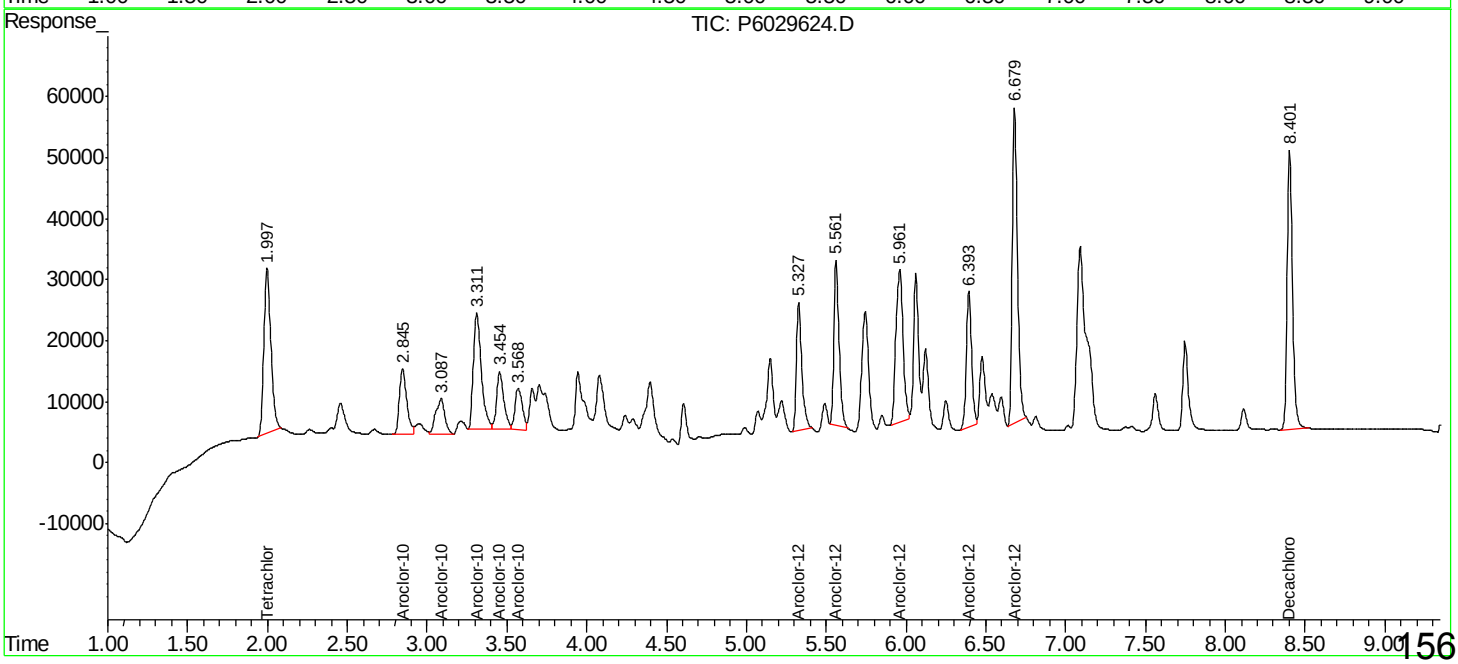
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:20
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:41:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



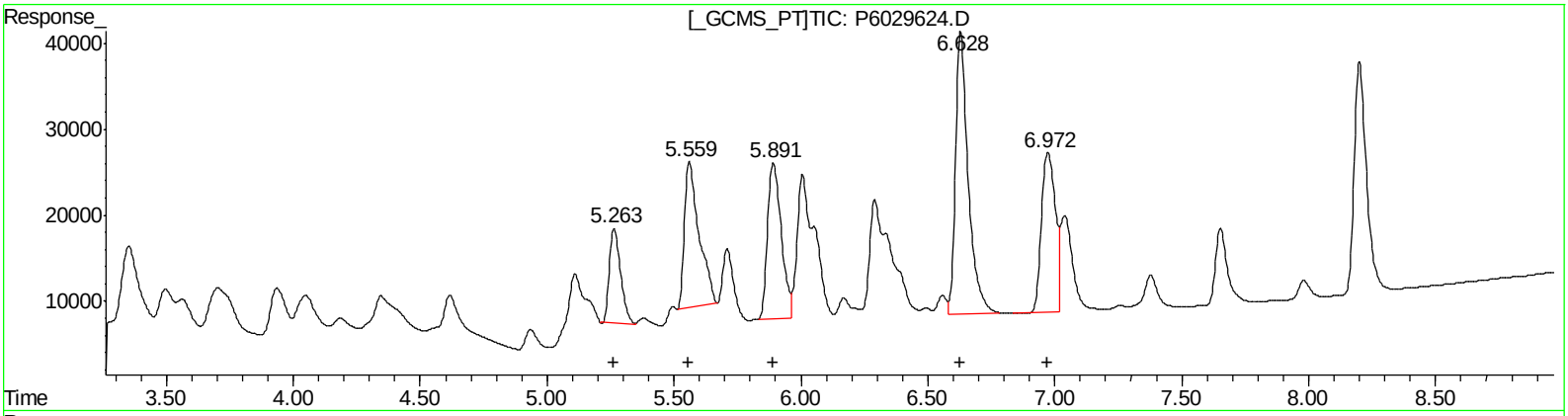


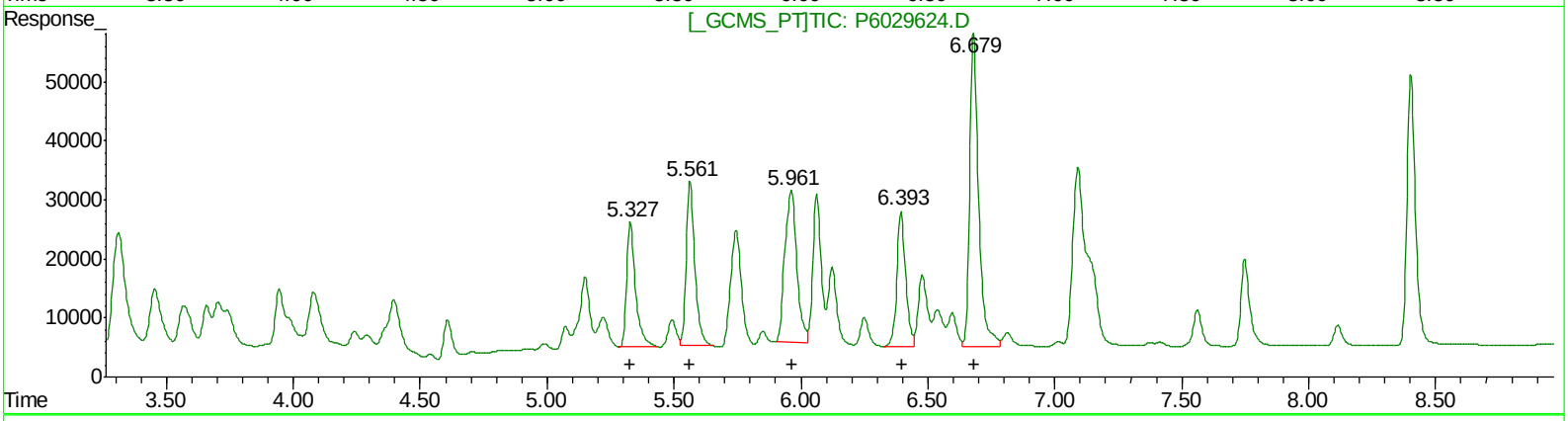
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 16:20
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:39:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	344179	544.71
5.56	682376	552.25
5.89	680893	540.50
6.63	1144658	562.21
6.97	712715	570.21

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	513836	576.41
5.56	659574	634.09
5.96	832918	604.75
6.39	543645	601.83
6.68	1304462	680.22

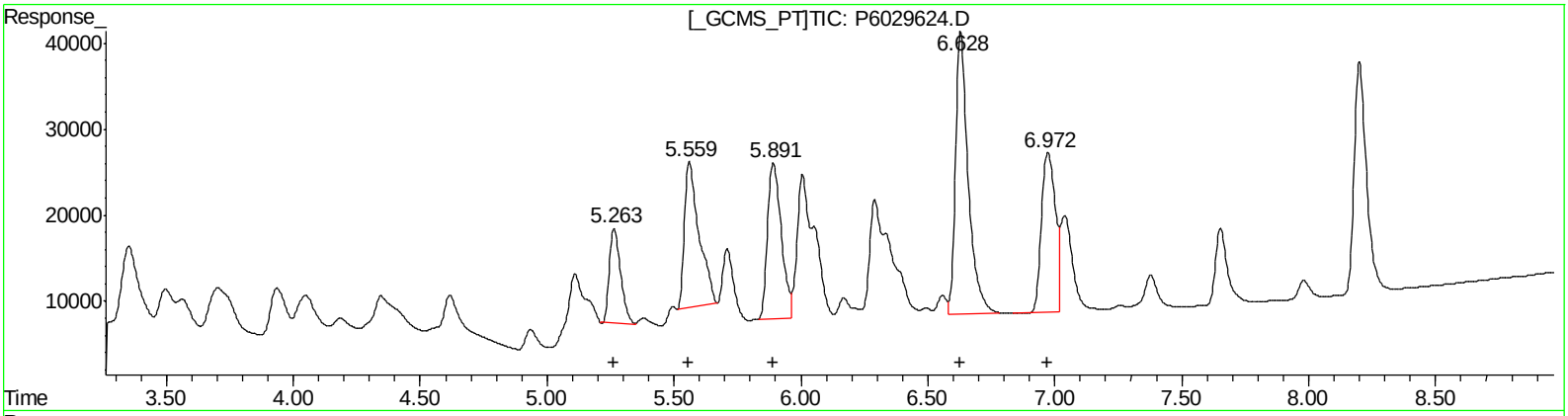
(+) = Expected Retention Time

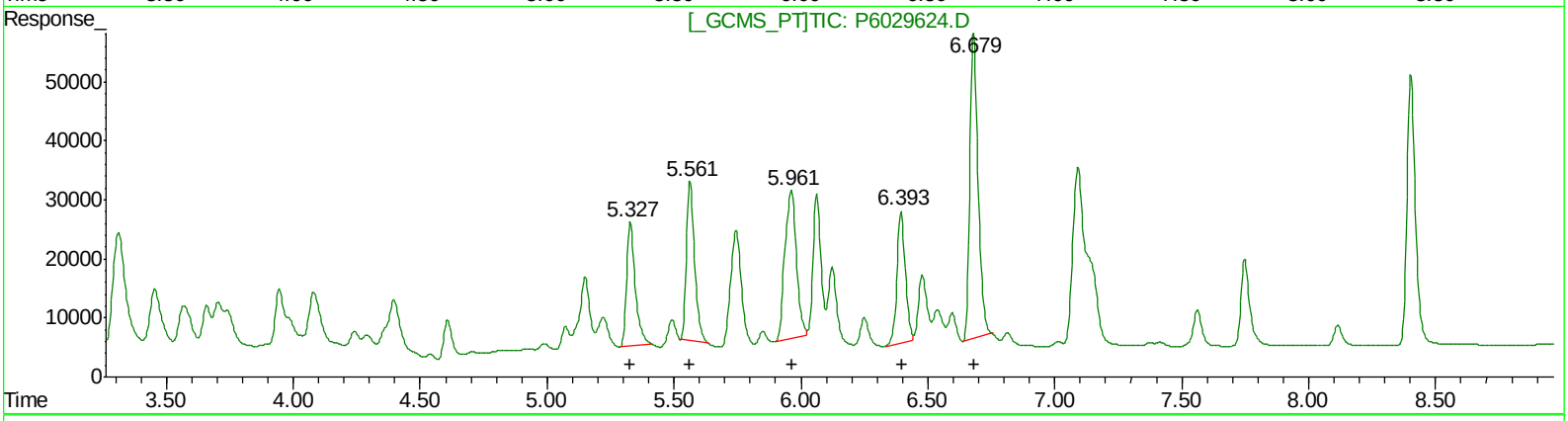
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 16:20
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:39:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	344179	544.71
5.56	682376	552.25
5.89	680893	540.50
6.63	1144658	562.21
6.97	712715	570.21

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	492606	552.59
5.56	608929	585.40
5.96	782306	568.00
6.39	505851	559.99
6.68	1172827	611.57

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:20
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:41:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.146	1.998	630491	827764	56.752	56.492
2) SA	Decachlor...	8.201	8.403	895720	1059152	53.778	50.813
	Target Compounds						
3) L1	Aroclor-1...	2.868	2.847	207911	341338	542.287	555.097
4) L1	Aroclor-1...	3.077	3.088	136519	226982	550.052	560.935
5) L1	Aroclor-1...	3.353	3.312	347451	658617	529.341	570.535
6) L1	Aroclor-1...	3.703	3.455	279841	299968	596.908	552.134
7) L1	Aroclor-1...	3.937	3.570	221514	219366	559.723	564.510
31) L7	Aroclor-1...	5.265	5.327	344179	492606	544.705	552.589m
32) L7	Aroclor-1...	5.561	5.561	682376	608929	552.246	585.399m
33) L7	Aroclor-1...	5.892	5.961	680893	782306	540.499	567.999m
34) L7	Aroclor-1...	6.630	6.393	1144658	505851	562.209	559.991m
35) L7	Aroclor-1...	6.973	6.679	712715	1172827	570.205	611.575m

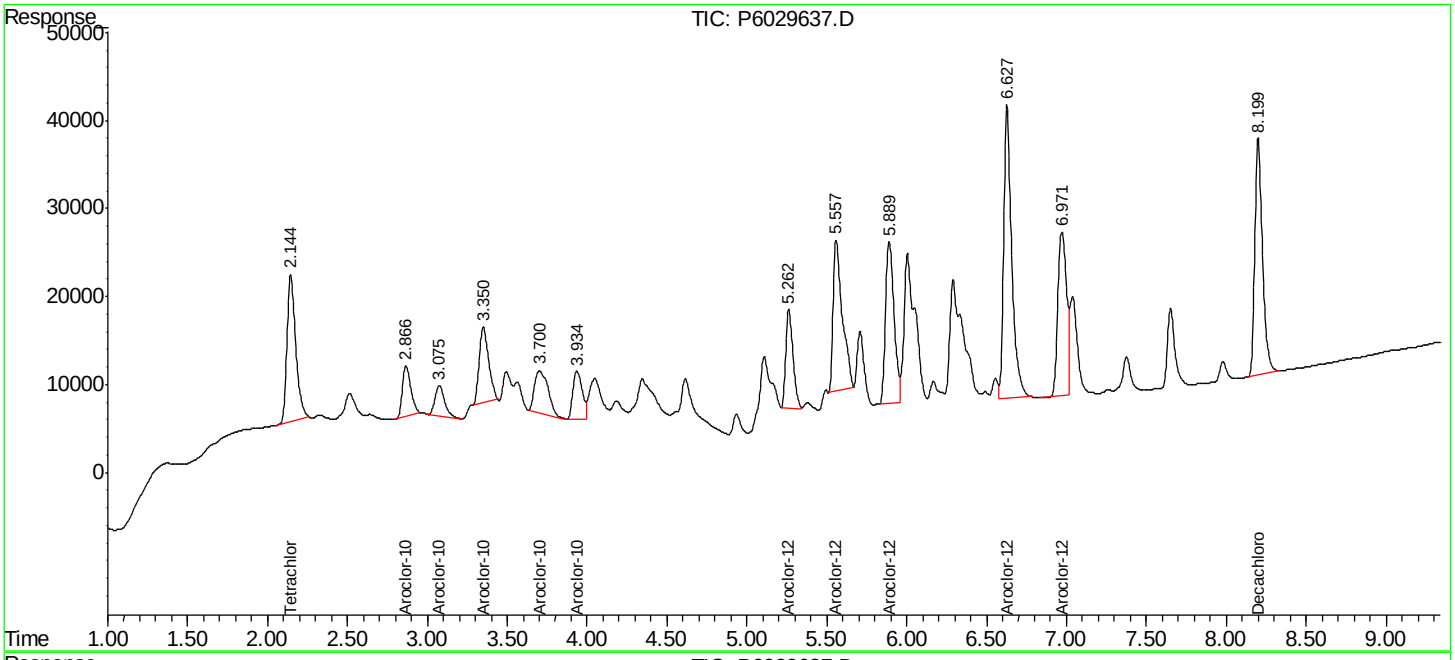
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

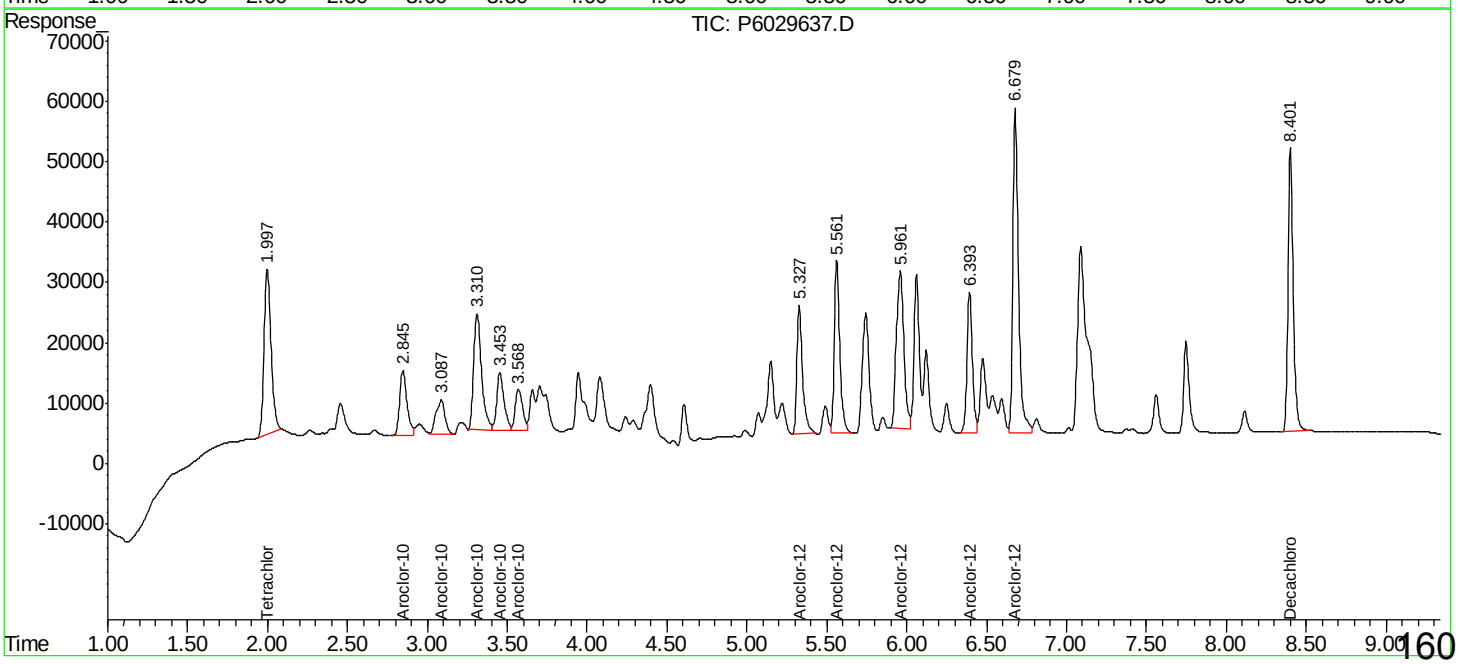
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029637.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 19:10
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:10:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



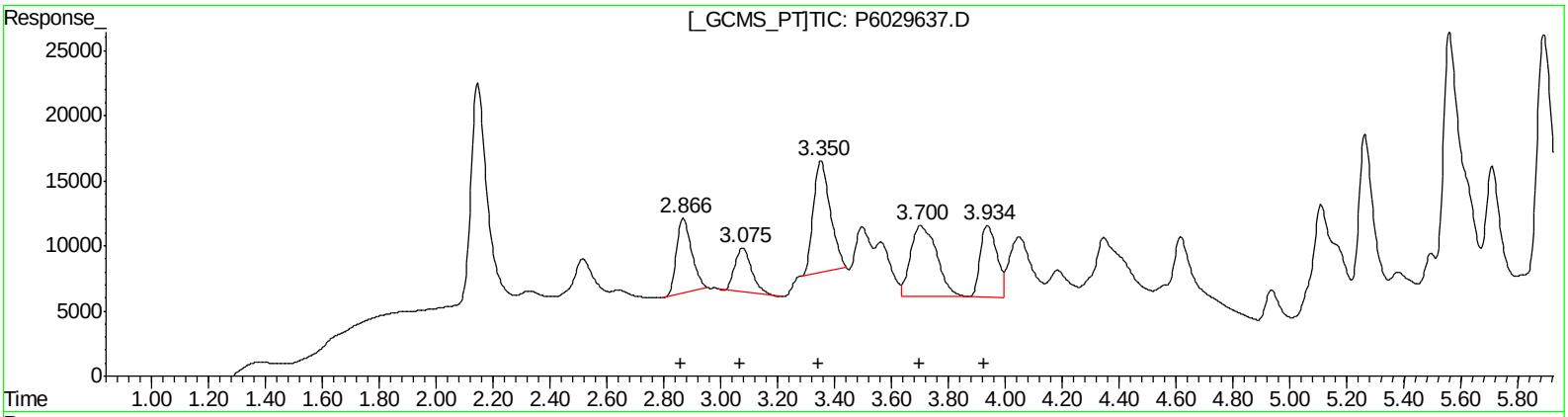


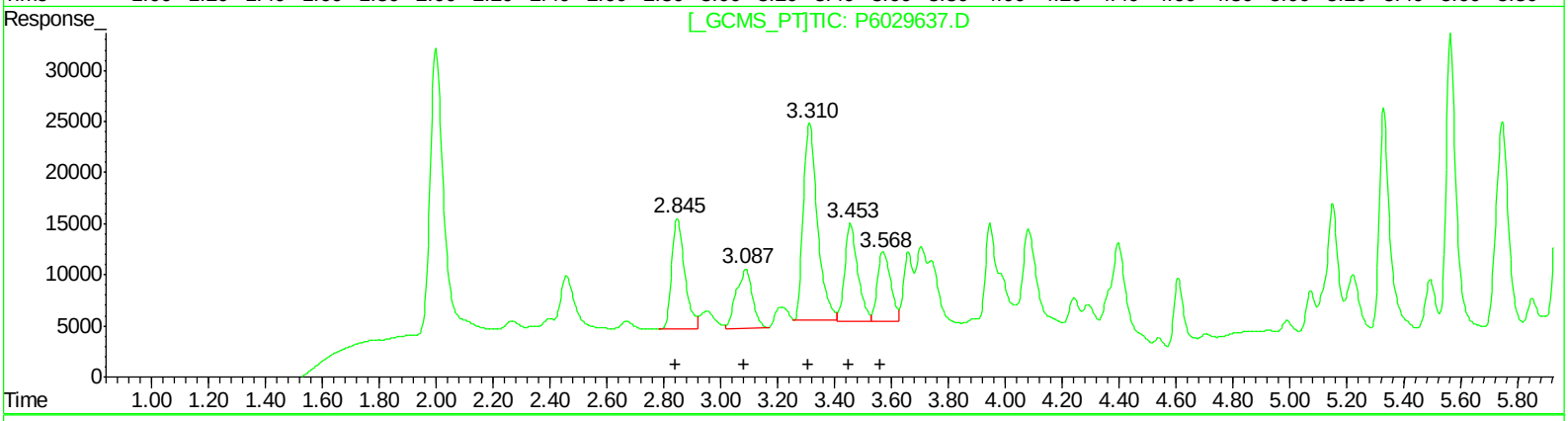
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029637.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 19:10
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:06:58 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	210647	549.42
3.08	137902	555.63
3.35	355465	541.55
3.70	284164	606.13
3.94	224346	566.88

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	342872	557.59
3.09	227859	563.10
3.31	666247	577.14
3.45	302045	555.96
3.57	221491	569.98

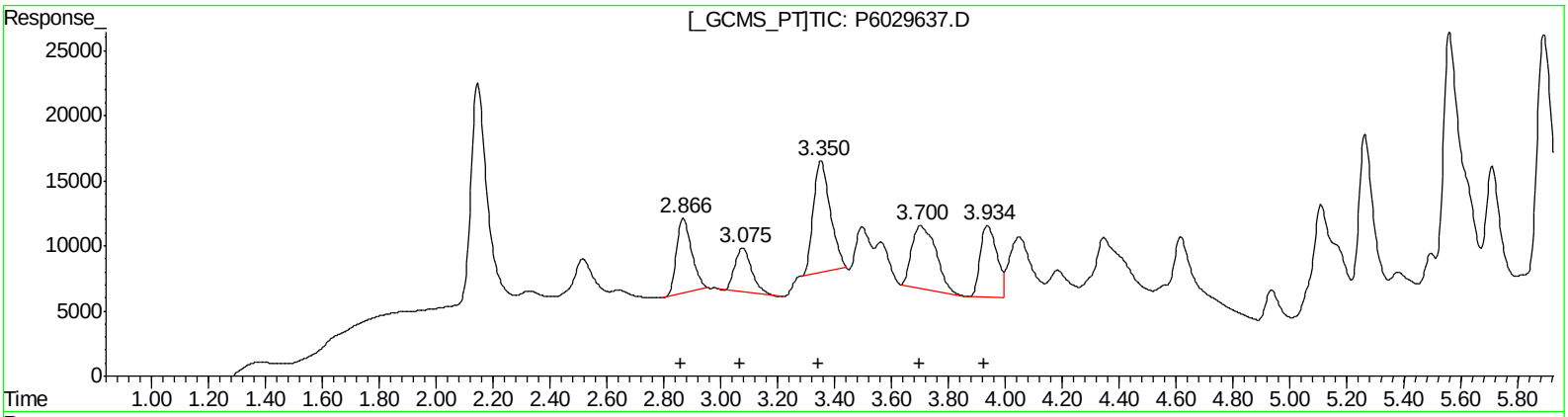
(+) = Expected Retention Time

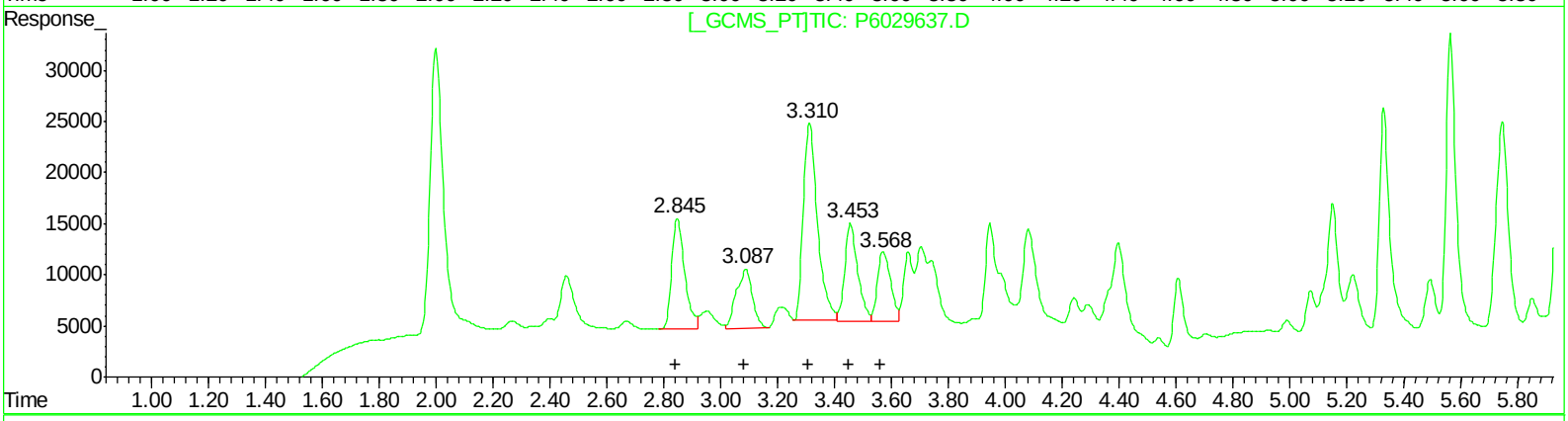
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029637.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 6 Aug 2009 19:10
Operator : BI
Sample   : 1660 500
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:06:58 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	210647	549.42
3.08	137902	555.63
3.35	355465	541.55
3.70	288660	615.72
3.94	224346	566.88

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	342872	557.59
3.09	227859	563.10
3.31	666247	577.14
3.45	302045	555.96
3.57	221491	569.98

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029637.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 19:10
Operator : BI
Sample : 1660 500
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:10:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.145	1.998	635965	834638	57.245	56.961
2)	SA Decachlor...	8.200	8.402	895010	1081127	53.736	51.867
	Target Compounds						
3)	L1 Aroclor-1...	2.867	2.847	210647	342872	549.422	557.592
4)	L1 Aroclor-1...	3.076	3.088	137902	227859	555.627	563.102
5)	L1 Aroclor-1...	3.351	3.312	355465	666247	541.550	577.145
6)	L1 Aroclor-1...	3.700	3.455	288660	302045	615.720m	555.956
7)	L1 Aroclor-1...	3.936	3.570	224346	221491	566.881	569.979
31)	L7 Aroclor-1...	5.263	5.328	349660	523197	553.380	586.906
32)	L7 Aroclor-1...	5.559	5.563	687229	671838	556.174	645.878
33)	L7 Aroclor-1...	5.891	5.962	687437	846564	545.695	614.654
34)	L7 Aroclor-1...	6.629	6.394	1155865	552358	567.714	611.474
35)	L7 Aroclor-1...	6.972	6.680	711403	1333892	569.156	695.563

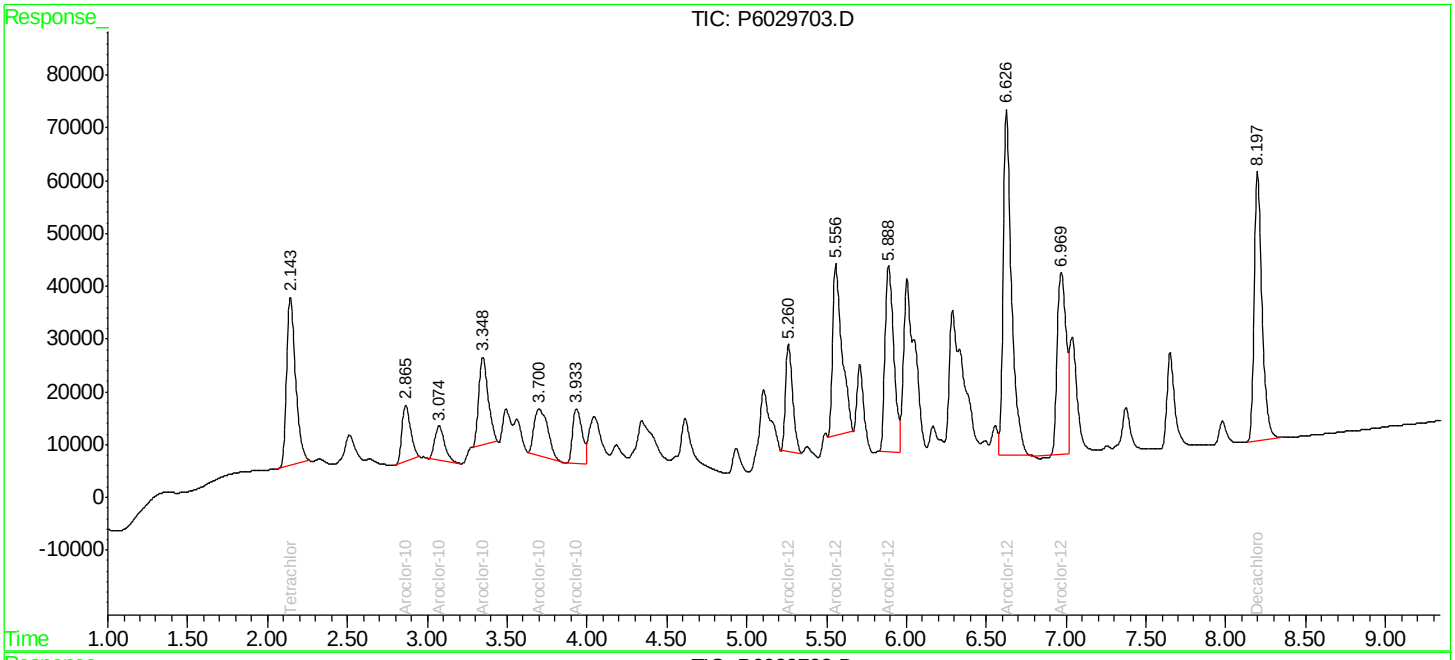
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

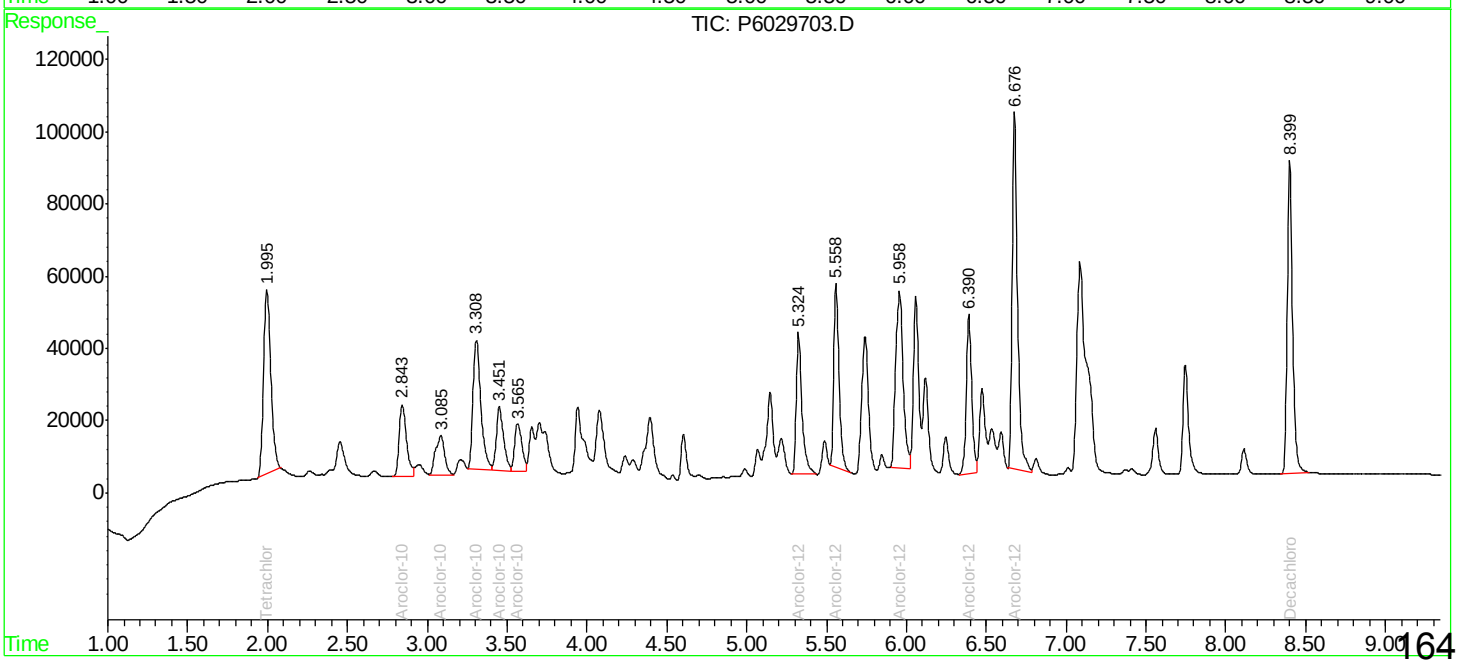
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029703.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 14:52
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:11:16 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029703.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 14:52
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:11:16 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

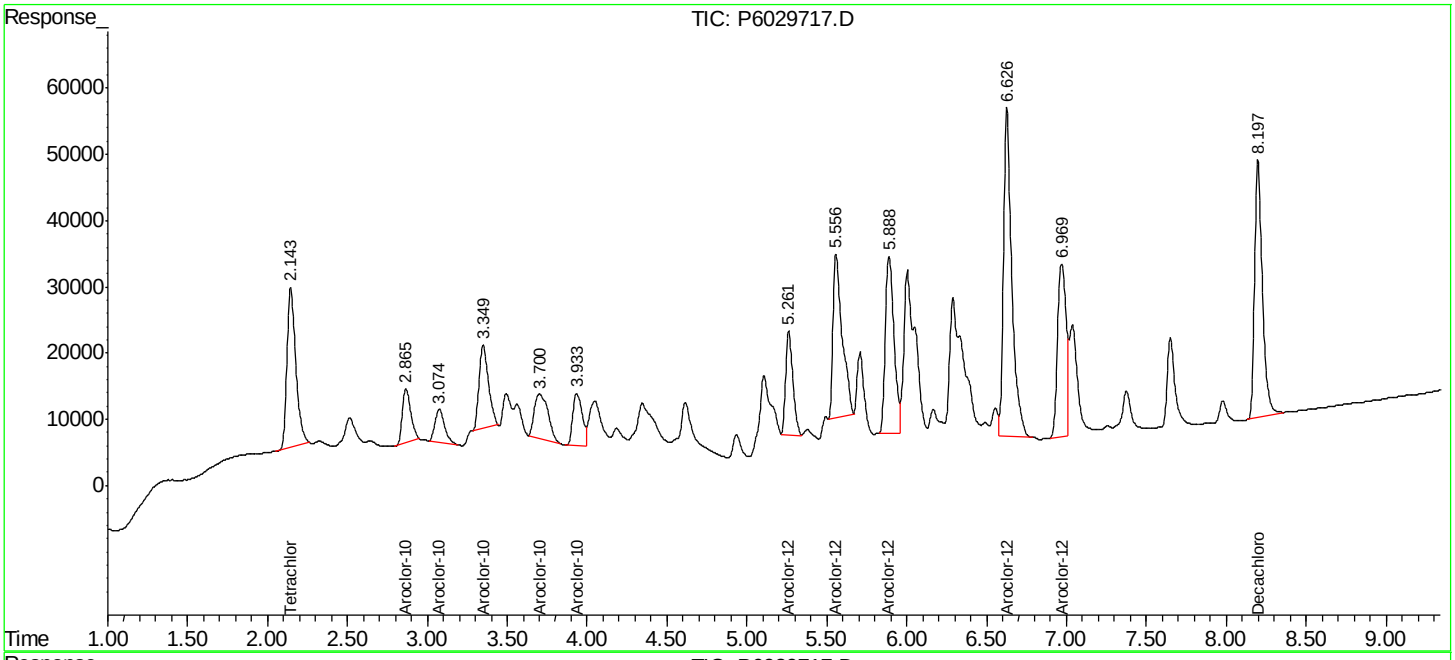
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.144	1.996	1246764	1638656	112.225	111.832
2)	SA Decachlor...	8.199	8.401	1728729	2006026	103.792	96.240
	Target Compounds						
3)	L1 Aroclor-1...	2.866	2.844	398595	638412	1039.639	1038.211
4)	L1 Aroclor-1...	3.075	3.086	267347	427636	1077.176	1056.807
5)	L1 Aroclor-1...	3.349	3.309	683121	1231102	1040.735	1066.457
6)	L1 Aroclor-1...	3.701	3.452	531283	552372	1133.240	1016.720
7)	L1 Aroclor-1...	3.935	3.567	424855	421452	1073.530	1084.554
31)	L7 Aroclor-1...	5.262	5.326	636633	969957	1007.551	1088.067
32)	L7 Aroclor-1...	5.558	5.560	1306643	1154905	1057.464	1110.280
33)	L7 Aroclor-1...	5.890	5.959	1340996	1596528	1064.496	1159.171
34)	L7 Aroclor-1...	6.628	6.392	2383325	1028222	1170.591	1138.269
35)	L7 Aroclor-1...	6.971	6.677	1297433	2322031	1038.007	1210.832

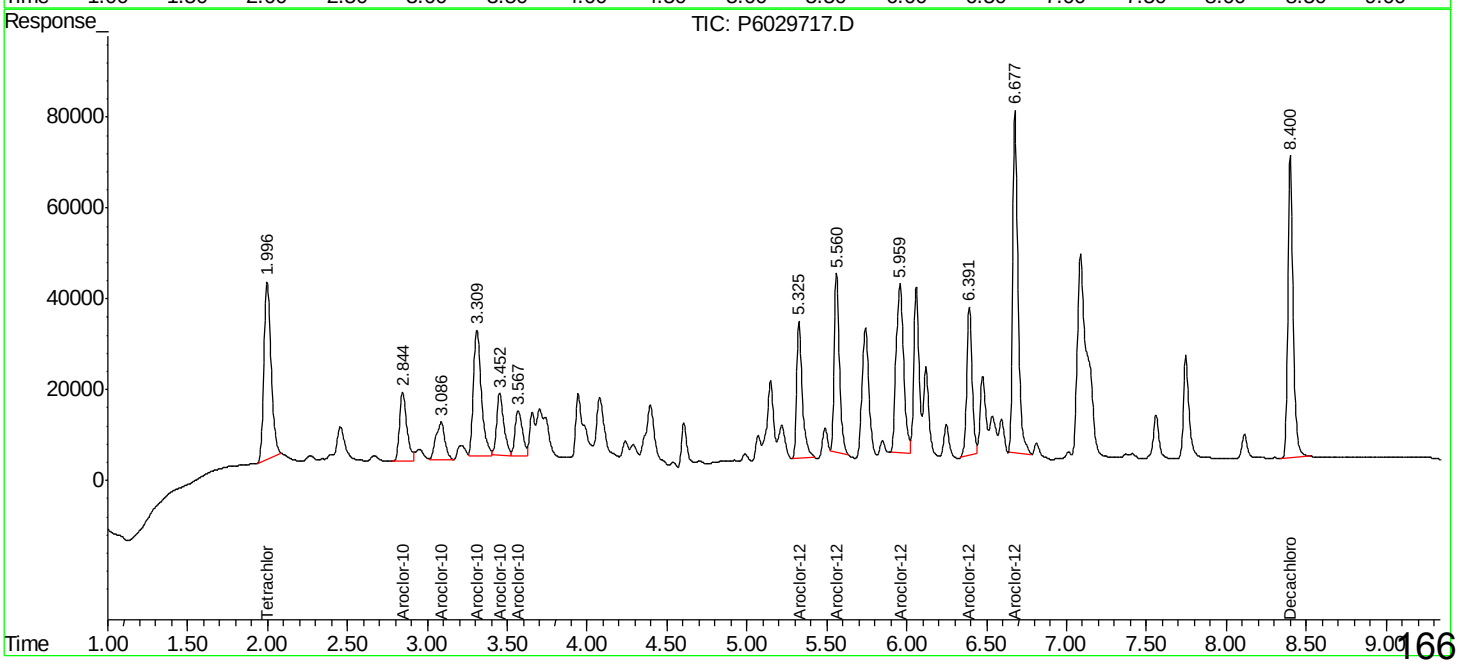
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:59
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:46:45 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



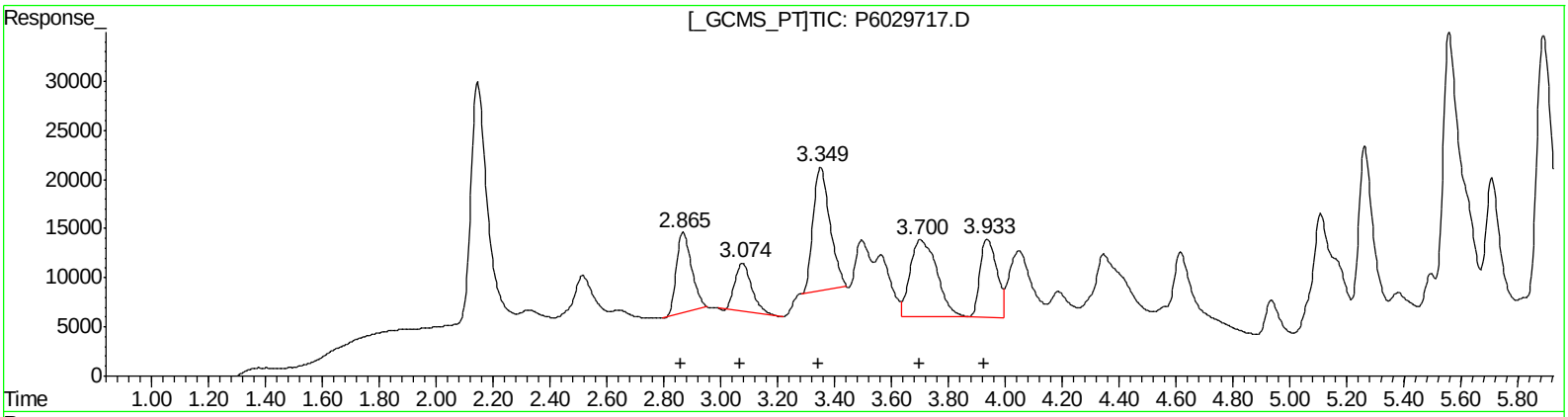


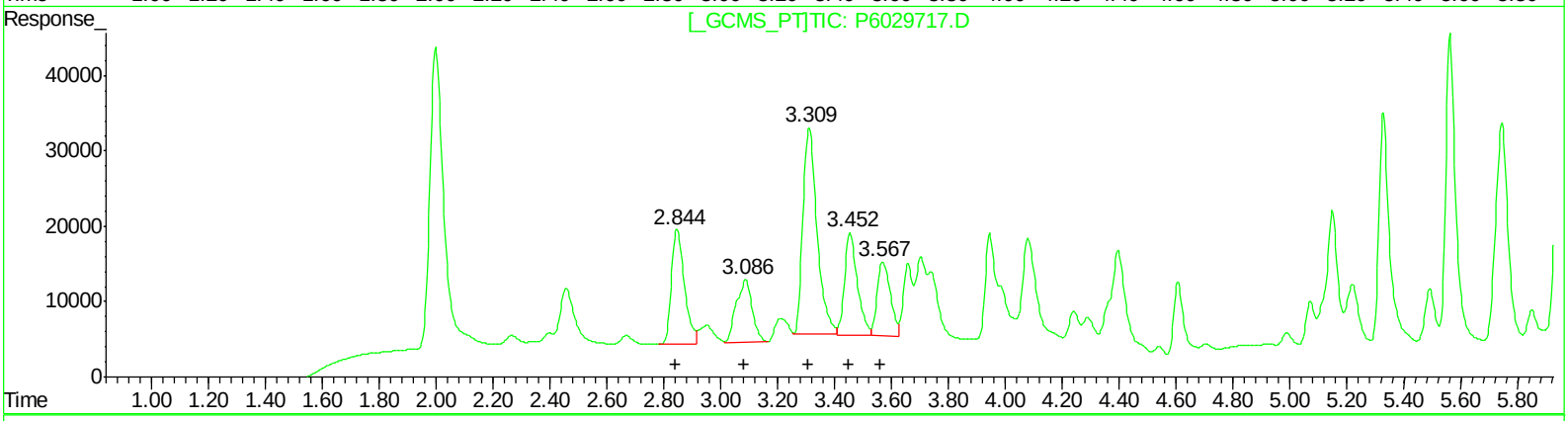
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 18:59
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:21:22 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	304583	794.43
3.08	203930	821.66
3.35	515836	785.88
3.70	404624	863.07
3.94	324310	819.47

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	485872	790.14
3.09	324910	802.94
3.31	937344	811.99
3.45	424270	780.93
3.57	319137	821.26

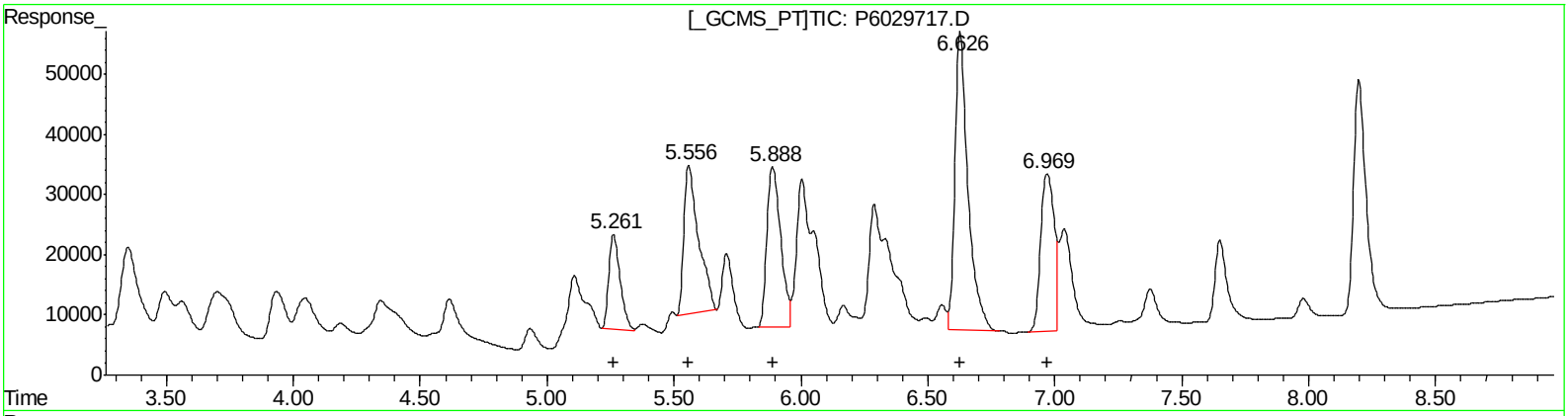
(+) = Expected Retention Time

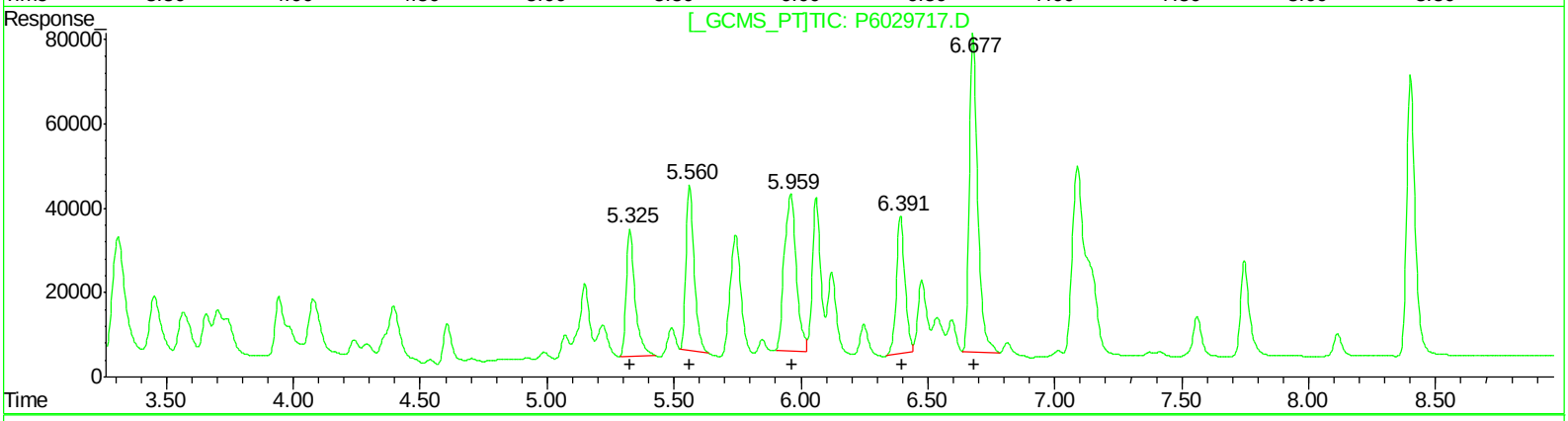
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 18:59
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:21:30 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	494203	782.14
5.56	993511	804.05
5.89	1010160	801.87
6.63	1791583	879.95
6.97	1004884	803.95

(31) Aroclor-1260-1 #2 (L7)

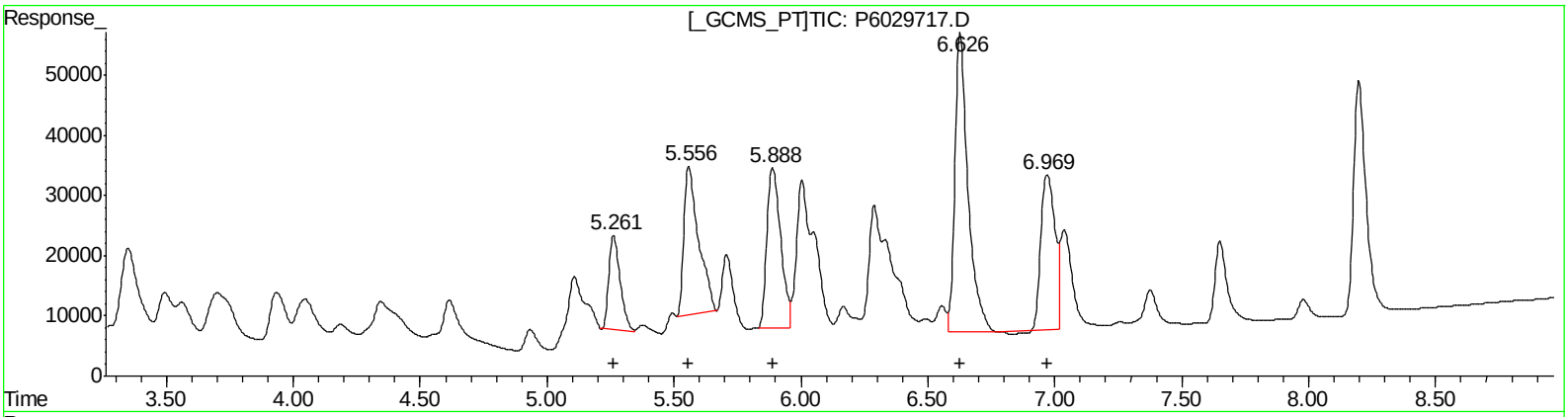
R.T.	Response	Conc
5.33	726519	814.99
5.56	885760	851.53
5.96	1211798	879.83
6.39	754212	834.93
6.68	1738266	906.43

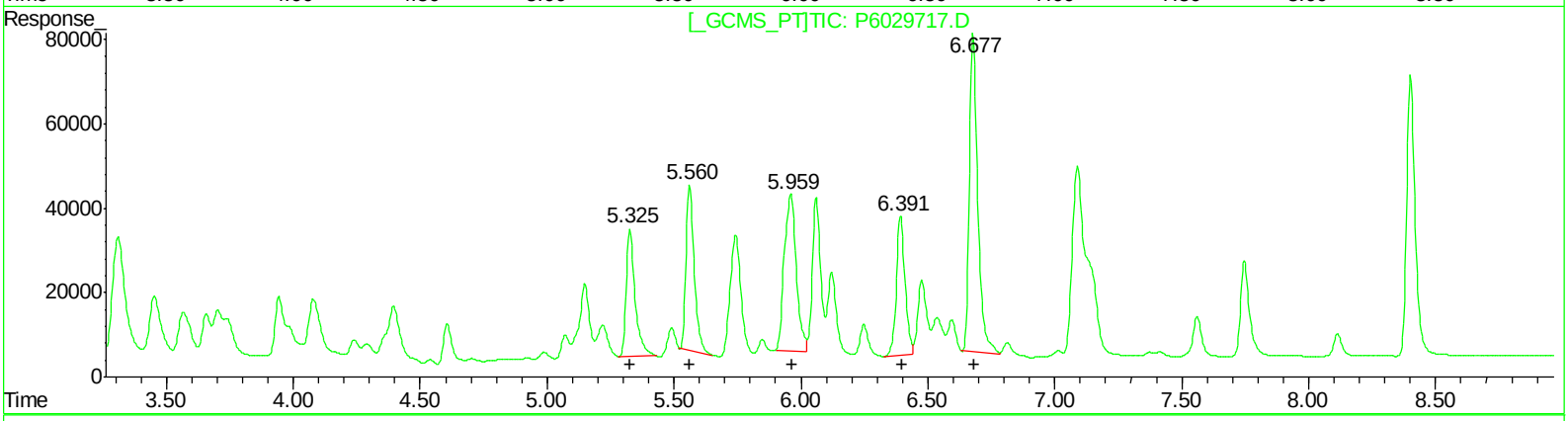
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 18:59
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:21:22 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	488803	773.59
5.56	993511	804.05
5.89	1010160	801.87
6.63	1791583	879.95
6.97	969177	775.39

(31) Aroclor-1260-1 #2 (L7)

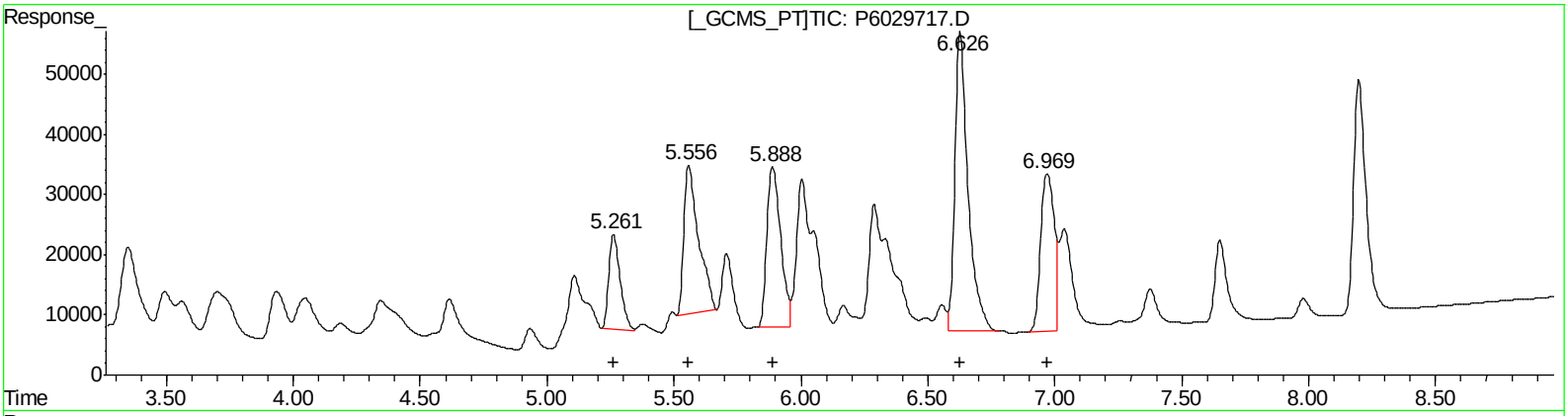
R.T.	Response	Conc
5.33	740936	831.16
5.56	883182	849.06
5.96	1213803	881.29
6.39	776855	860.00
6.68	1750698	912.91

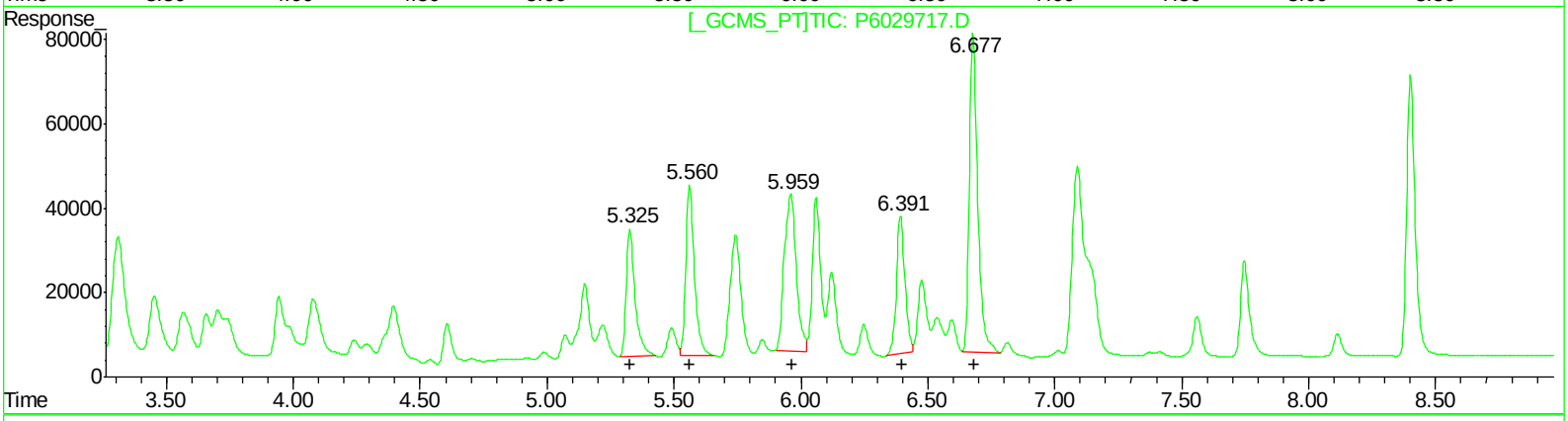
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 18:59
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:21:22 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	494203	782.14
5.56	993511	804.05
5.89	1010160	801.87
6.63	1791583	879.95
6.97	1004884	803.95

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	726519	814.99
5.56	956902	919.93
5.96	1213803	881.29
6.39	754212	834.93
6.68	1745557	910.23

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029717.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:59
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:46:45 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.145	1.998	927743	1217043	83.509	83.058
2) SA	Decachlor...	8.199	8.402	1311539	1537880	78.744	73.780
	Target Compounds						
3) L1	Aroclor-1...	2.867	2.846	304583	485872	794.432	790.145
4) L1	Aroclor-1...	3.074	3.087	212902	324910	857.812m	802.944
5) L1	Aroclor-1...	3.350	3.309	515836	962929	785.875	834.148m
6) L1	Aroclor-1...	3.700	3.454	397057	424270	846.934m	780.929
7) L1	Aroclor-1...	3.935	3.568	324310	319137	819.471	821.260
31) L7	Aroclor-1...	5.261	5.325	494203	726519	782.137m	814.986m
32) L7	Aroclor-1...	5.558	5.560	993511	885760	804.048	851.534m
33) L7	Aroclor-1...	5.890	5.959	1010160	1211798	801.875	879.835m
34) L7	Aroclor-1...	6.628	6.391	1791583	754212	879.952	834.932m
35) L7	Aroclor-1...	6.969	6.677	1004884	1738266	803.954m	906.425m

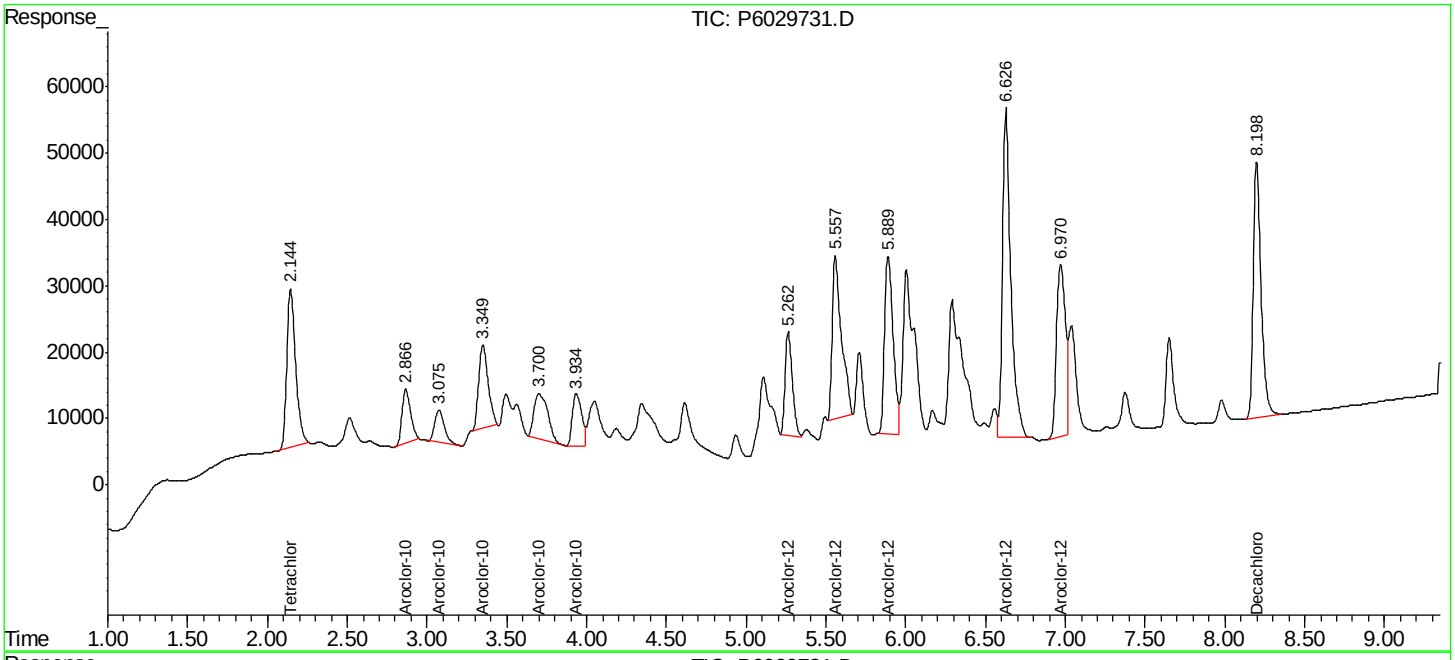
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

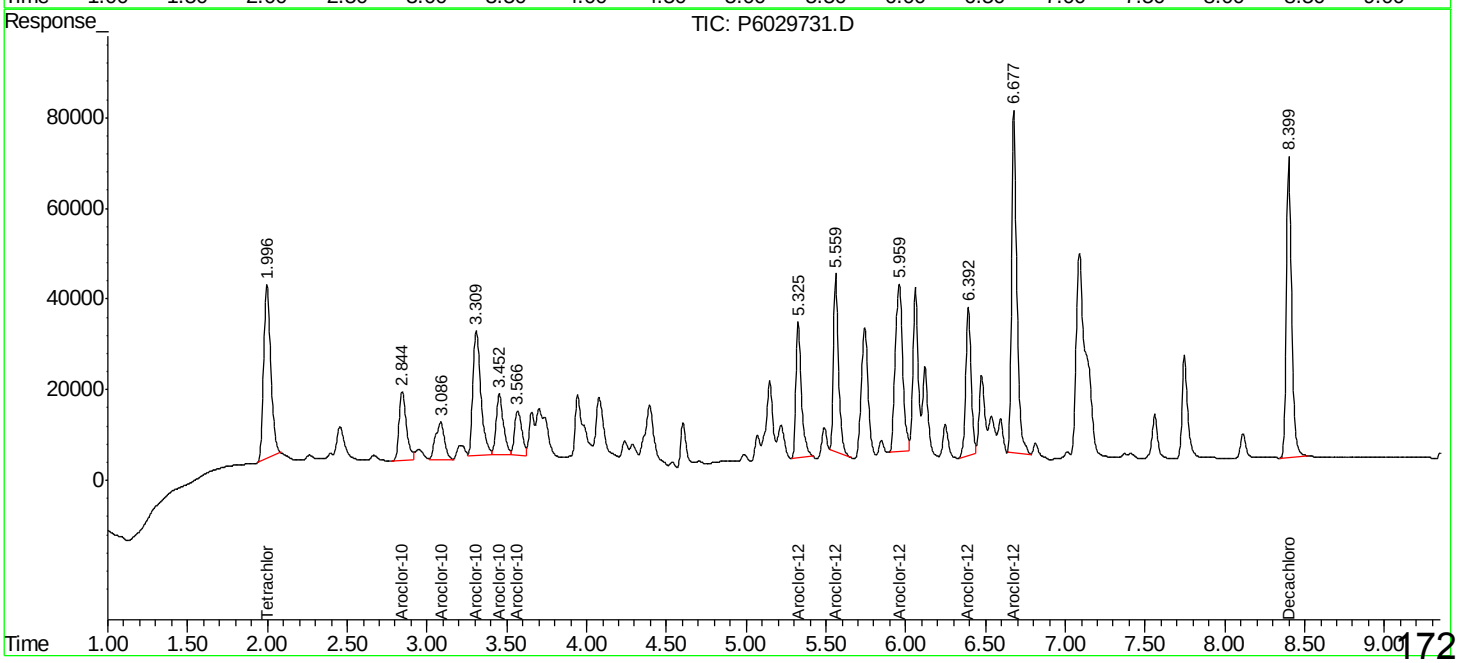
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:01
Operator : BI
Sample : 1660 750
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:50:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



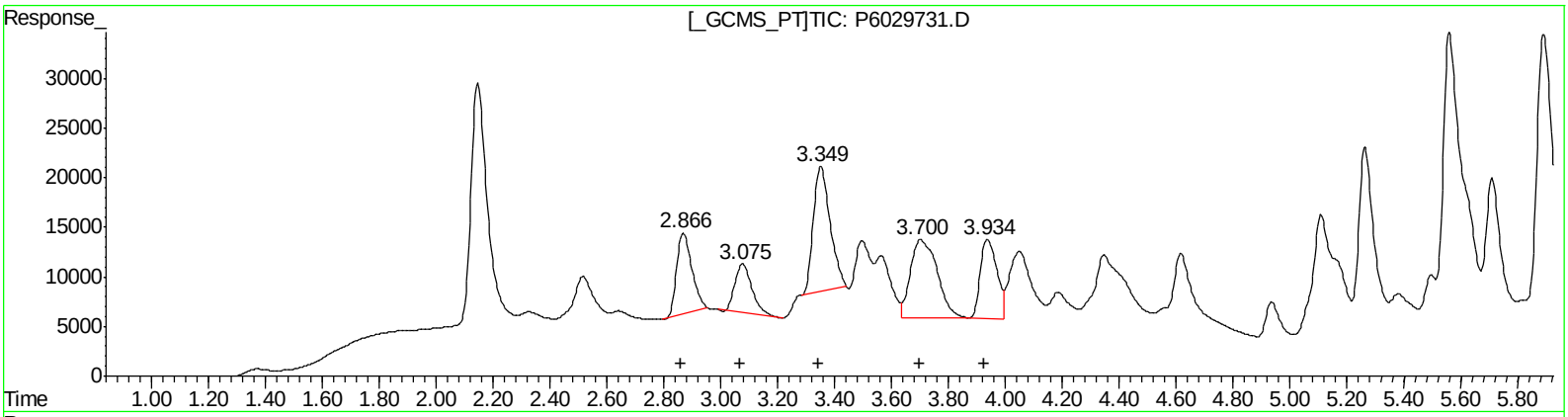


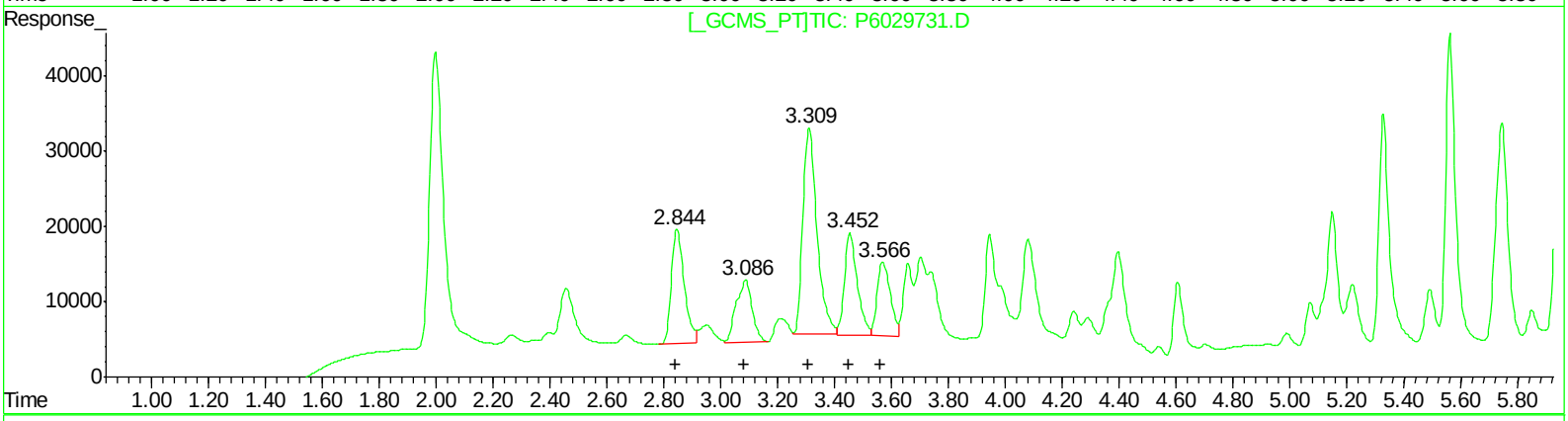
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 22:01
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	302653	789.40
3.08	201054	810.07
3.35	513984	783.05
3.70	407192	868.55
3.94	322759	815.55

(3) Aroclor-1016-1 #2 (L1)

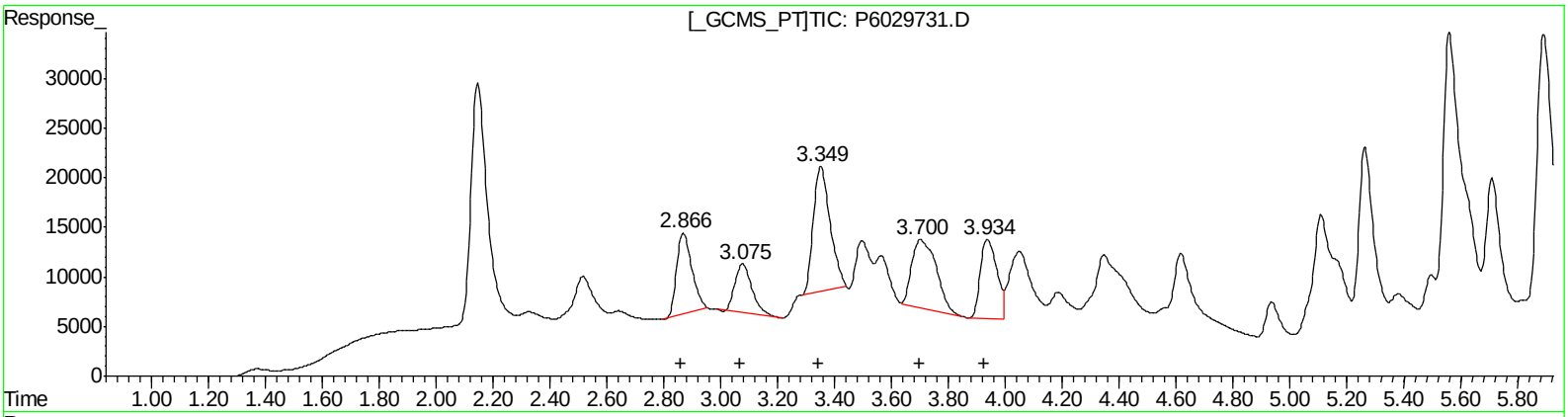
R.T.	Response	Conc
2.85	482585	784.80
3.09	322794	797.71
3.31	936688	811.42
3.45	423057	778.70
3.57	317549	817.17

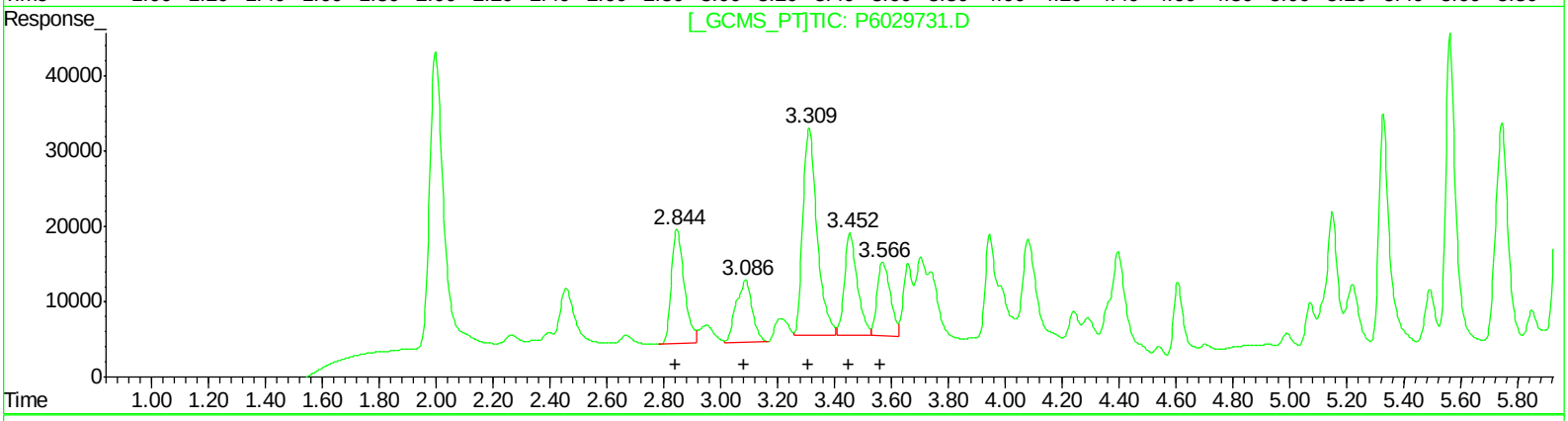
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 22:01
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	302653	789.40
3.08	201054	810.07
3.35	513984	783.05
3.70	414938	885.07
3.94	322759	815.55

(3) Aroclor-1016-1 #2 (L1)

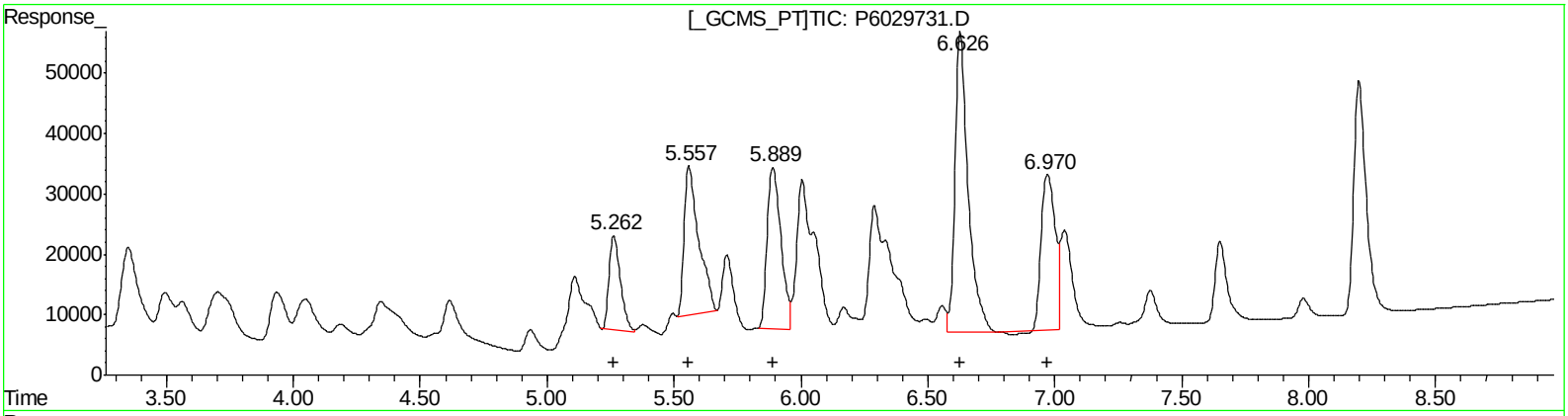
R.T.	Response	Conc
2.85	482585	784.80
3.09	322794	797.71
3.31	963252	834.43
3.45	423057	778.70
3.57	317549	817.17

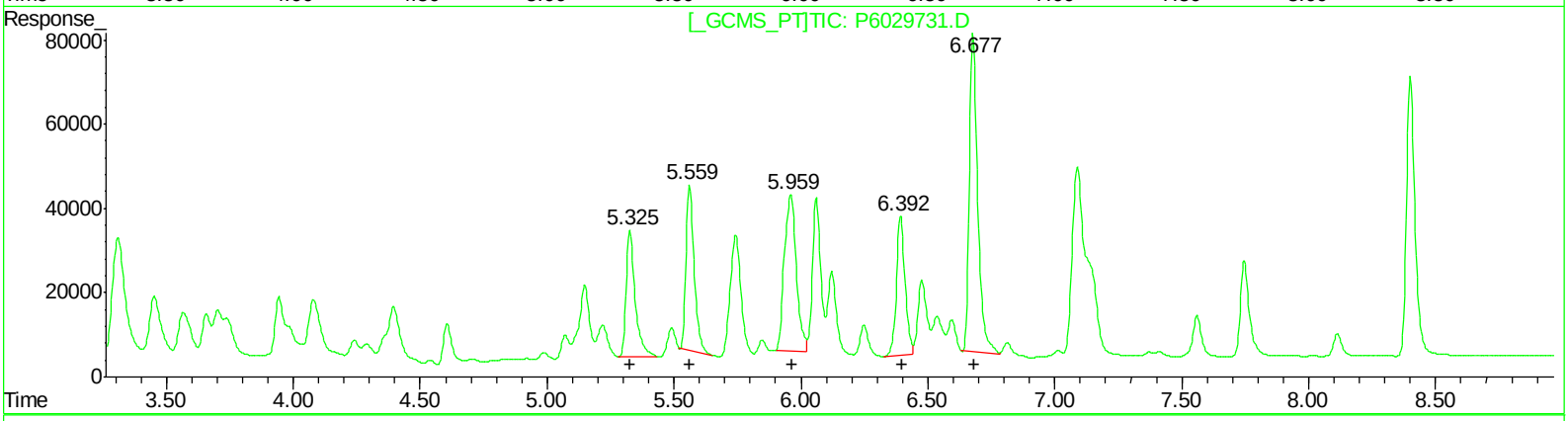
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 22:01
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	487036	770.79
5.56	992257	803.03
5.89	1010838	802.41
6.63	1795900	882.07
6.97	966982	773.63

(31) Aroclor-1260-1 #2 (L7)

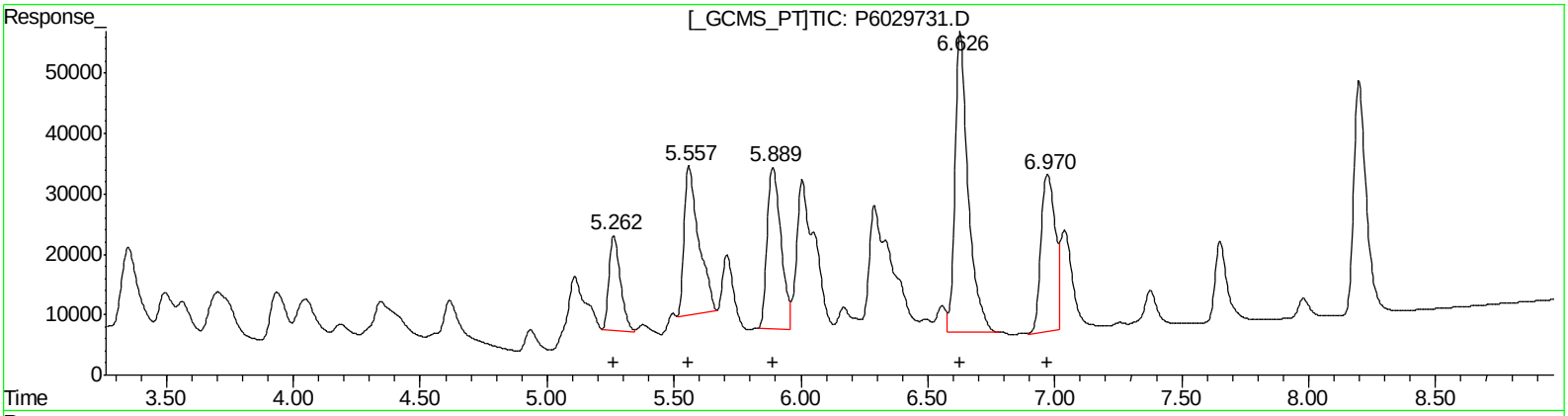
R.T.	Response	Conc
5.33	741875	832.21
5.56	883317	849.19
5.96	1214508	881.80
6.39	777566	860.79
6.68	1750376	912.74

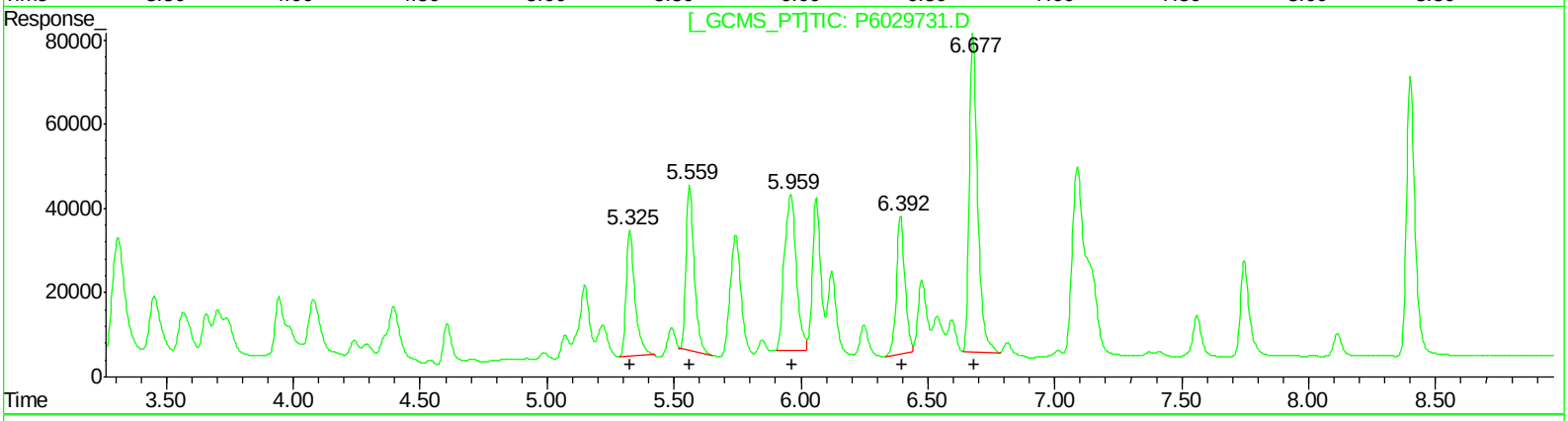
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 22:01
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	494336	782.35
5.56	992257	803.03
5.89	1010838	802.41
6.63	1795900	882.07
6.97	986129	788.95

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	725551	813.90
5.56	883317	849.19
5.96	1196988	869.08
6.39	766278	848.29
6.68	1746944	910.95

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 22:01
Operator : BI
Sample : 1660 750
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:50:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.997	922977	1206686	83.080	82.351
2)	SA Decachlor...	8.200	8.401	1303725	1543220	78.275	74.036
	Target Compounds						
3)	L1 Aroclor-1...	2.868	2.846	302653	482585	789.398	784.799
4)	L1 Aroclor-1...	3.077	3.087	201054	322794	810.075	797.715
5)	L1 Aroclor-1...	3.351	3.309	513984	963252	783.055	834.429m
6)	L1 Aroclor-1...	3.700	3.453	414938	423057	885.074m	778.696
7)	L1 Aroclor-1...	3.936	3.568	322759	317549	815.551	817.172
31)	L7 Aroclor-1...	5.262	5.325	494336	725551	782.348m	813.900m
32)	L7 Aroclor-1...	5.559	5.561	992257	883317	803.033	849.185
33)	L7 Aroclor-1...	5.891	5.959	1010838	1196988	802.413	869.082m
34)	L7 Aroclor-1...	6.628	6.392	1795900	766278	882.073	848.290m
35)	L7 Aroclor-1...	6.970	6.677	986129	1746944	788.950m	910.950m

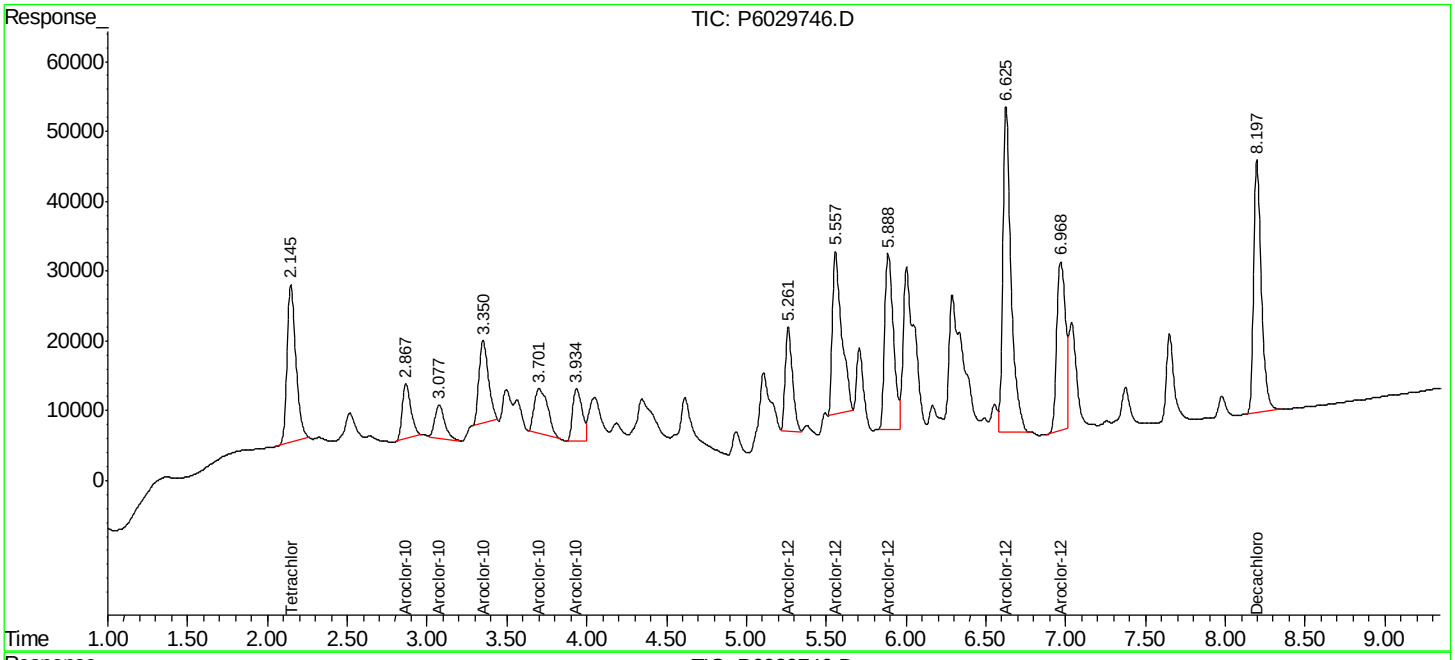
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

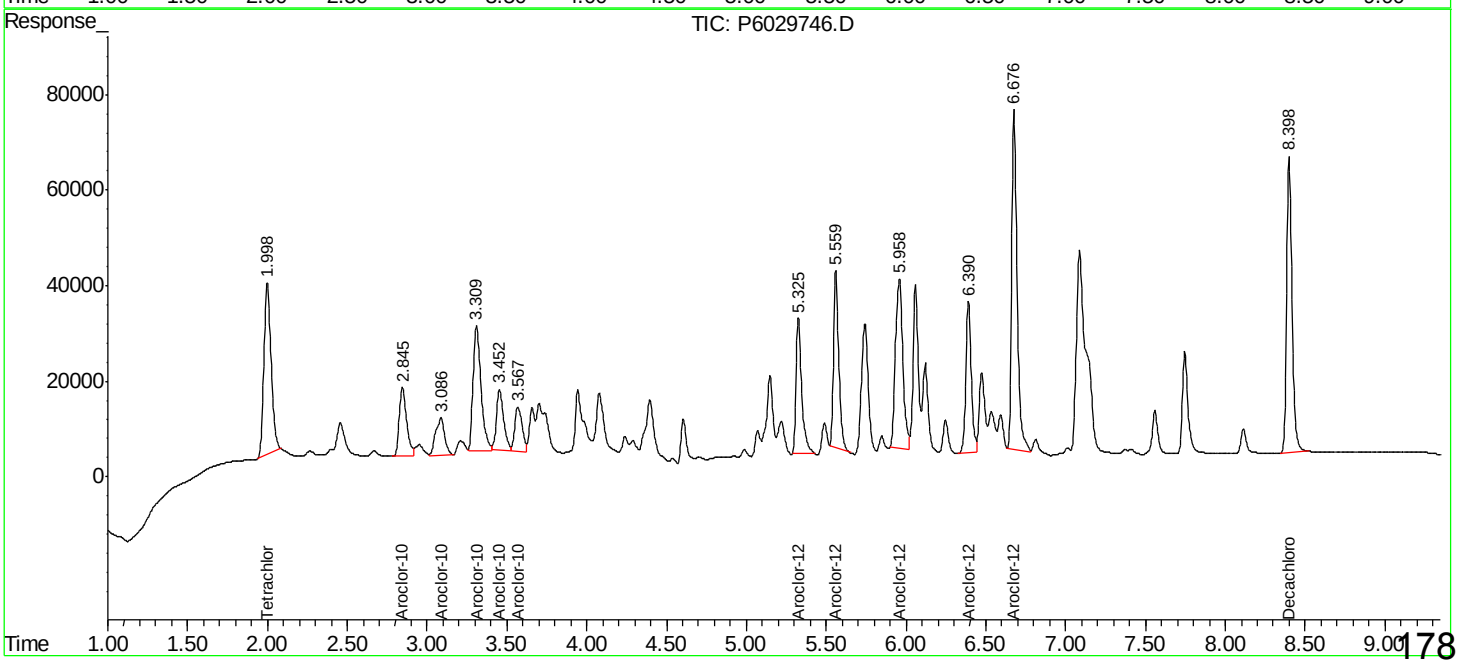
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Aug 2009 1:17
Operator : BI
Sample : 1660 750
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:44:12 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



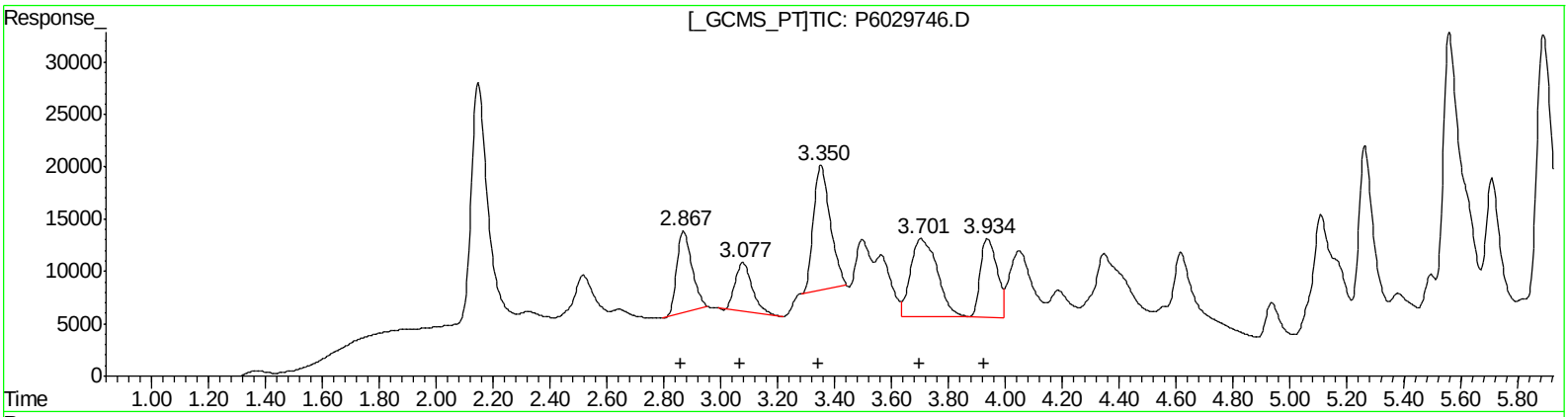


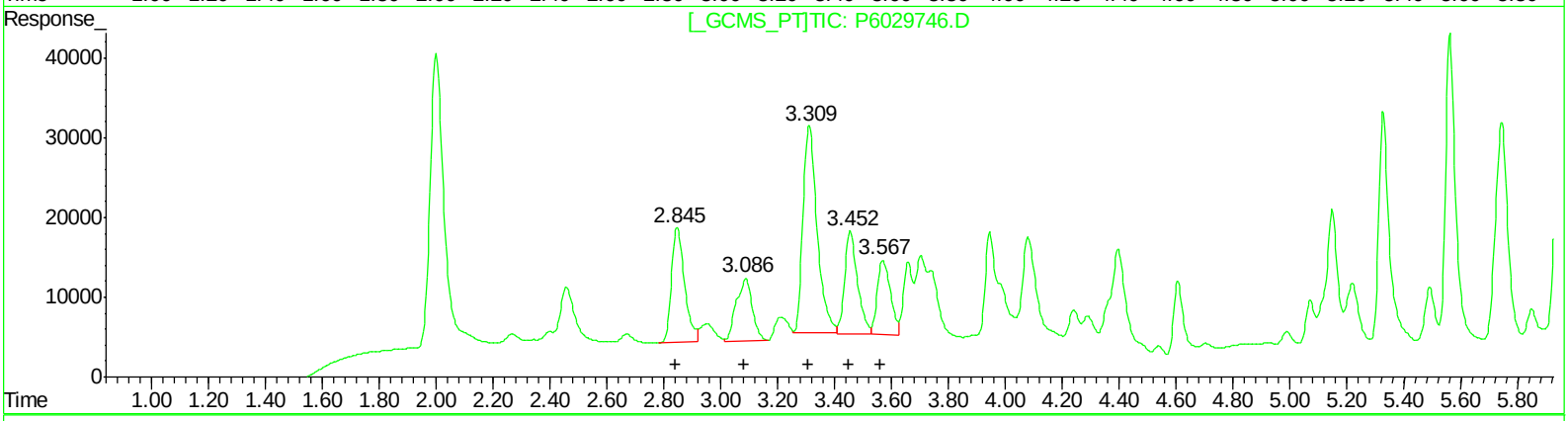
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Aug 2009   1:17
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 56   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	286646	747.65
3.08	191480	771.50
3.35	485053	738.98
3.70	384557	820.27
3.94	305367	771.61

(3) Aroclor-1016-1 #2 (L1)

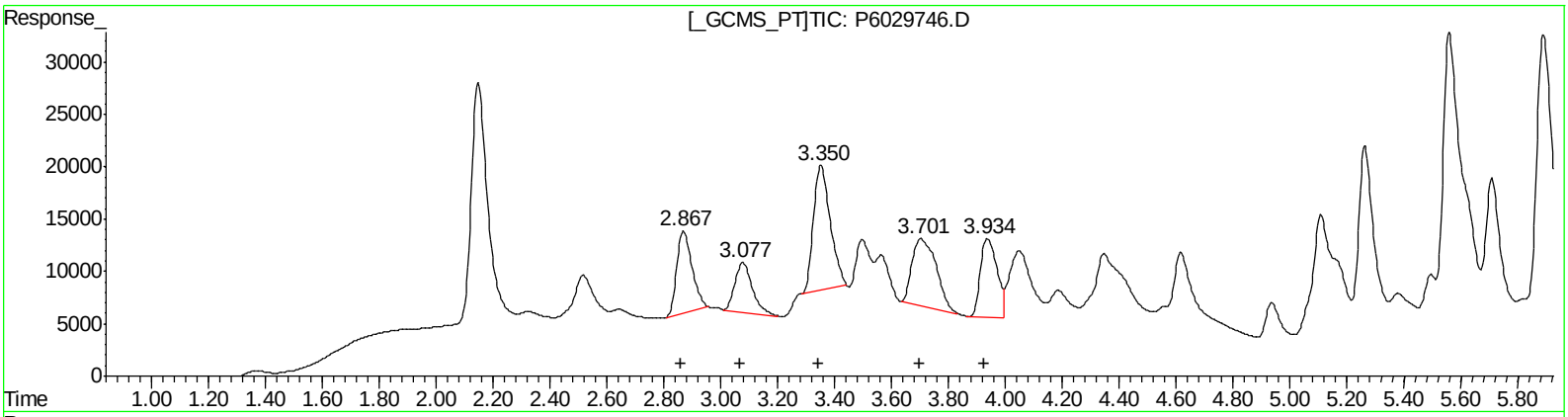
R.T.	Response	Conc
2.85	460051	748.15
3.09	306569	757.62
3.31	887717	769.00
3.45	401136	738.35
3.57	300404	773.05

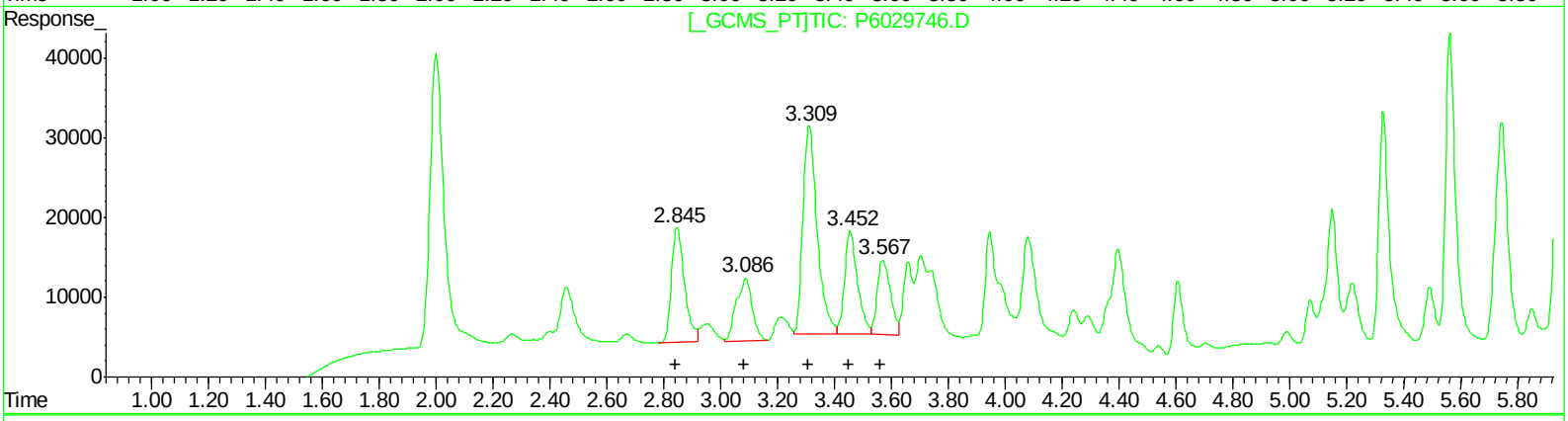
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Aug 2009   1:17
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 56   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	293876	766.51
3.08	204344	823.33
3.35	485053	738.98
3.70	380220	811.02
3.94	305367	771.61

(3) Aroclor-1016-1 #2 (L1)

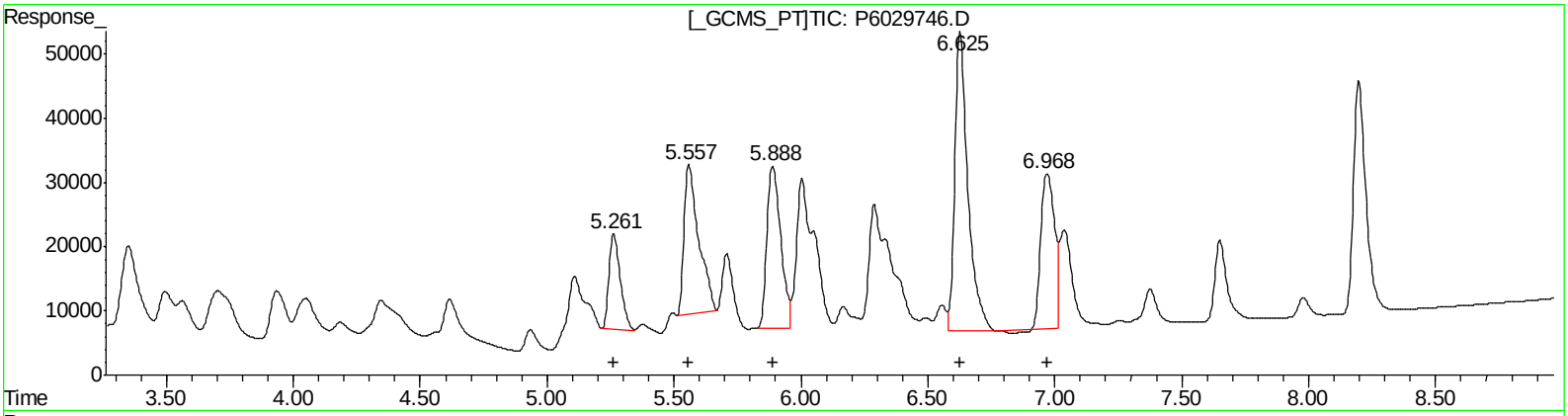
R.T.	Response	Conc
2.85	460051	748.15
3.09	306569	757.62
3.31	908289	786.82
3.45	401136	738.35
3.57	300404	773.05

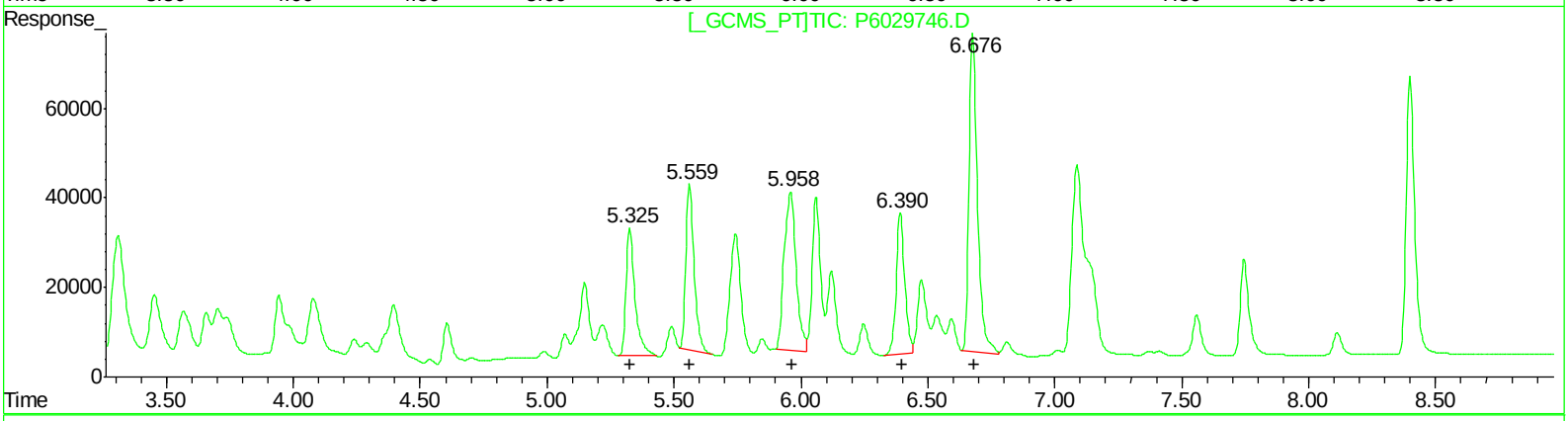
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Aug 2009   1:17
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 56   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	461667	730.65
5.56	938241	759.32
5.89	951993	755.70
6.63	1683276	826.76
6.97	907360	725.93

(31) Aroclor-1260-1 #2 (L7)

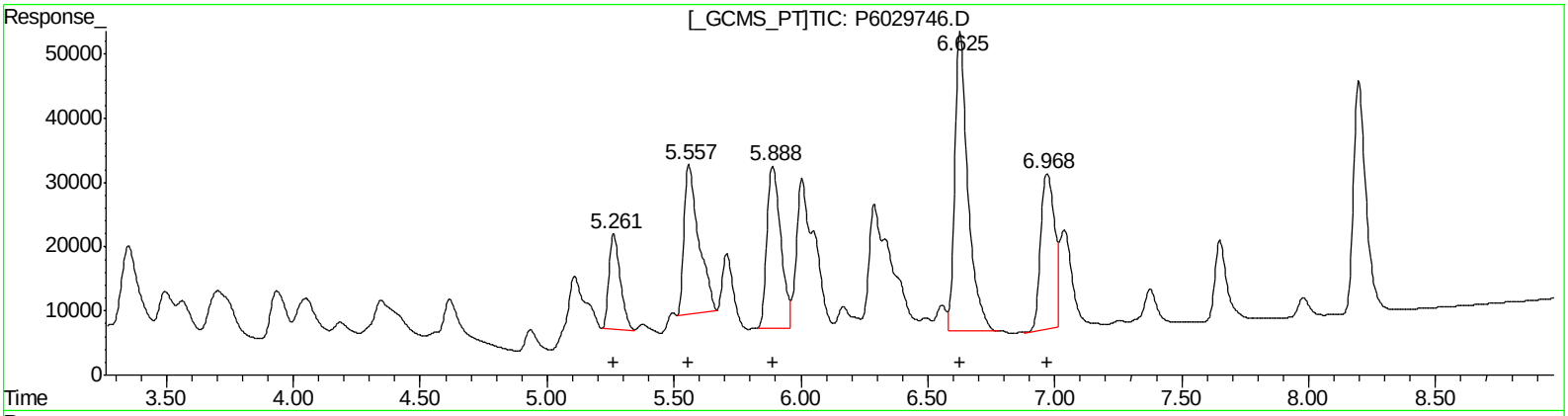
R.T.	Response	Conc
5.33	706196	792.19
5.56	840949	808.45
5.96	1146371	832.33
6.39	735383	814.09
6.68	1659869	865.54

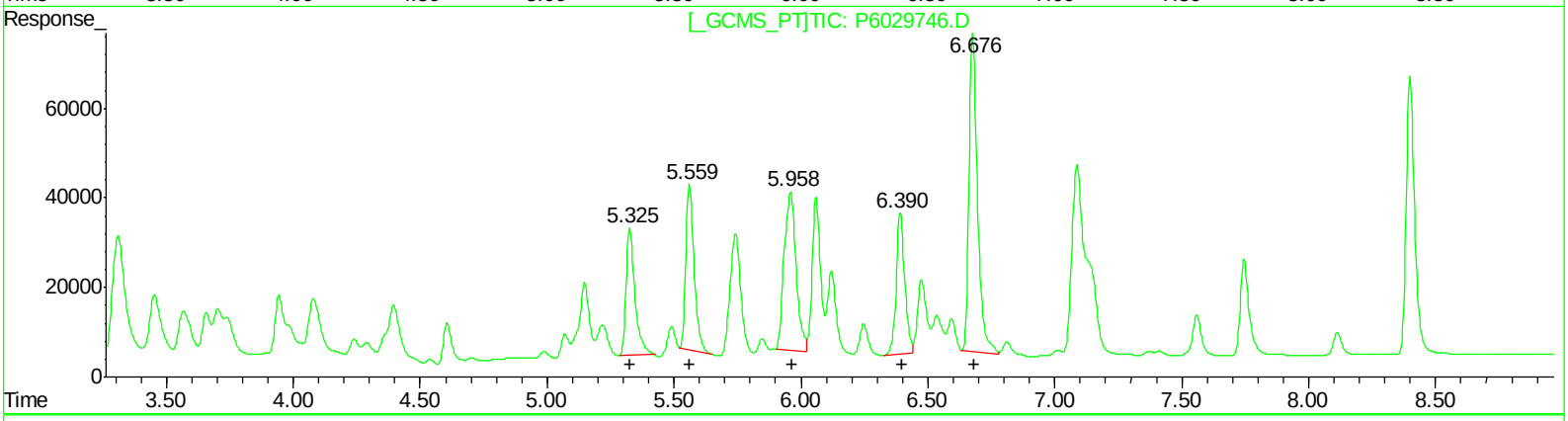
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 8 Aug 2009   1:17
Operator : BI
Sample   : 1660 750
Misc   :
ALS Vial : 56   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:18:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	467553	739.96
5.56	938241	759.32
5.89	951993	755.70
6.63	1683276	826.76
6.97	951739	761.44

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.32	690064	774.09
5.56	840949	808.45
5.96	1146371	832.33
6.39	735383	814.09
6.68	1659869	865.54

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Aug 2009 1:17
Operator : BI
Sample : 1660 750
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:44:12 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	870458	1127518	78.353	76.949
2)	SA Decachlor...	8.199	8.400	1218175	1450068	73.138	69.567
	Target Compounds						
3)	L1 Aroclor-1...	2.867	2.846	293876	460051	766.506m	748.154
4)	L1 Aroclor-1...	3.077	3.088	204344	306569	823.328m	757.616
5)	L1 Aroclor-1...	3.351	3.309	485053	908289	738.979	786.816m
6)	L1 Aroclor-1...	3.701	3.454	380220	401136	811.019m	738.349
7)	L1 Aroclor-1...	3.937	3.569	305367	300404	771.606	773.053
31)	L7 Aroclor-1...	5.261	5.325	467553	690064	739.961m	774.092m
32)	L7 Aroclor-1...	5.559	5.561	938241	840949	759.317	808.455
33)	L7 Aroclor-1...	5.890	5.959	951993	1146371	755.701	832.331
34)	L7 Aroclor-1...	6.627	6.392	1683276	735383	826.756	814.088
35)	L7 Aroclor-1...	6.968	6.677	951739	1659869	761.436m	865.545

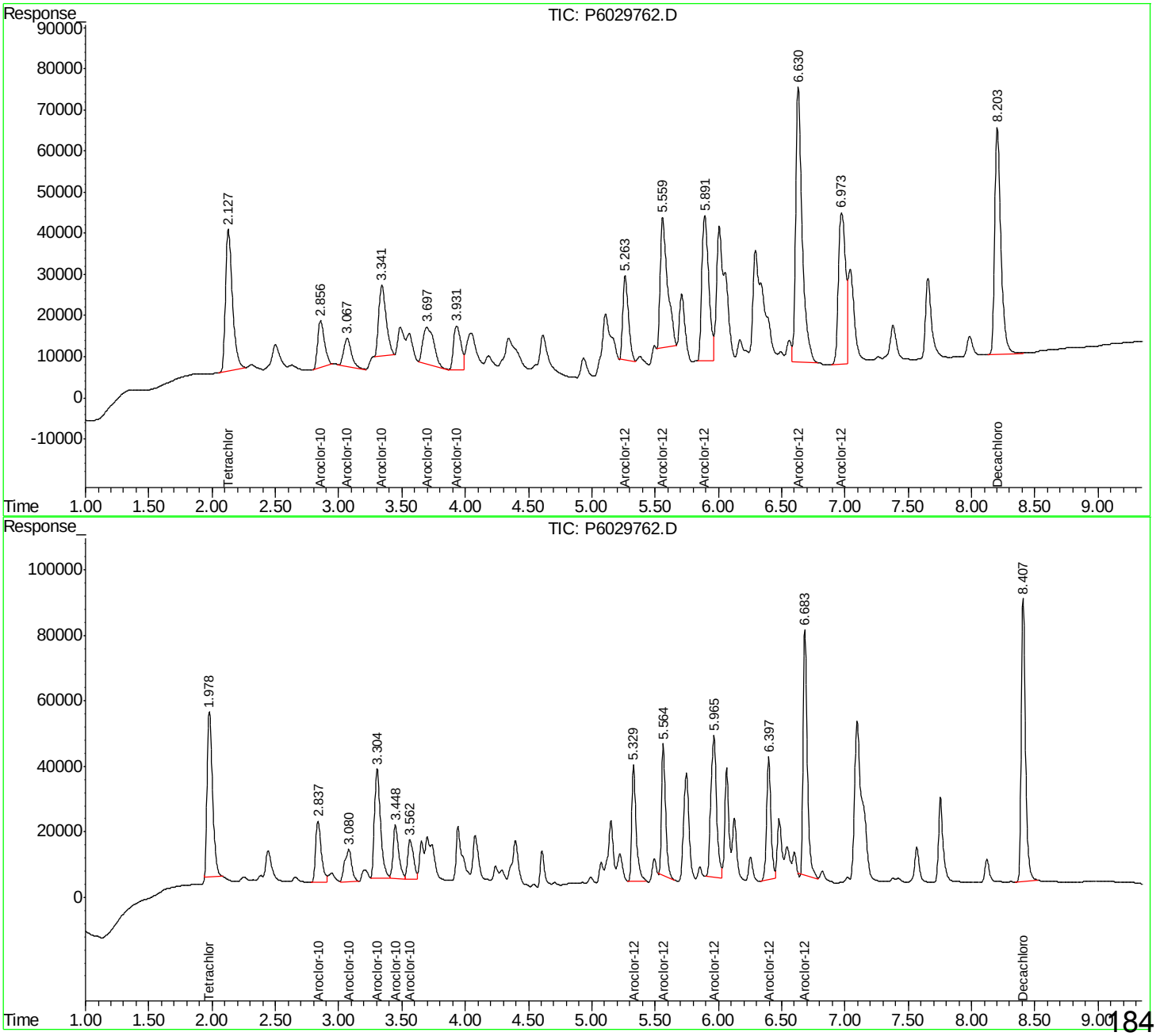
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029762.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 11:56
Operator : BI
Sample : 1660 1000 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:50:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:47:59 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029762.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 11:56
Operator : BI
Sample : 1660 1000 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:50:34 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:47:59 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.129	1.980	1308055	1500147	99.101	97.373
2) SA	Decachlor...	8.204	8.408	1892646	1991744	95.973	95.485
	Target Compounds						
3) L1	Aroclor-1...	2.858	2.838	428892	578857	971.746	957.498
4) L1	Aroclor-1...	3.069	3.082	280794	382019	972.448	966.048
5) L1	Aroclor-1...	3.343	3.305	703256	1104668	979.505	973.052
6) L1	Aroclor-1...	3.697	3.449	531721	497095	965.058	957.032
7) L1	Aroclor-1...	3.933	3.564	435669	383409	959.954	984.780
31) L7	Aroclor-1...	5.265	5.331	629861	838483	955.505	963.654
32) L7	Aroclor-1...	5.561	5.565	1253927	878215	960.282	961.171
33) L7	Aroclor-1...	5.893	5.966	1344892	1341884	968.492	972.611
34) L7	Aroclor-1...	6.632	6.399	2408213	871495	972.907	973.986
35) L7	Aroclor-1...	6.975	6.684	1448452	1707480	972.325	969.256

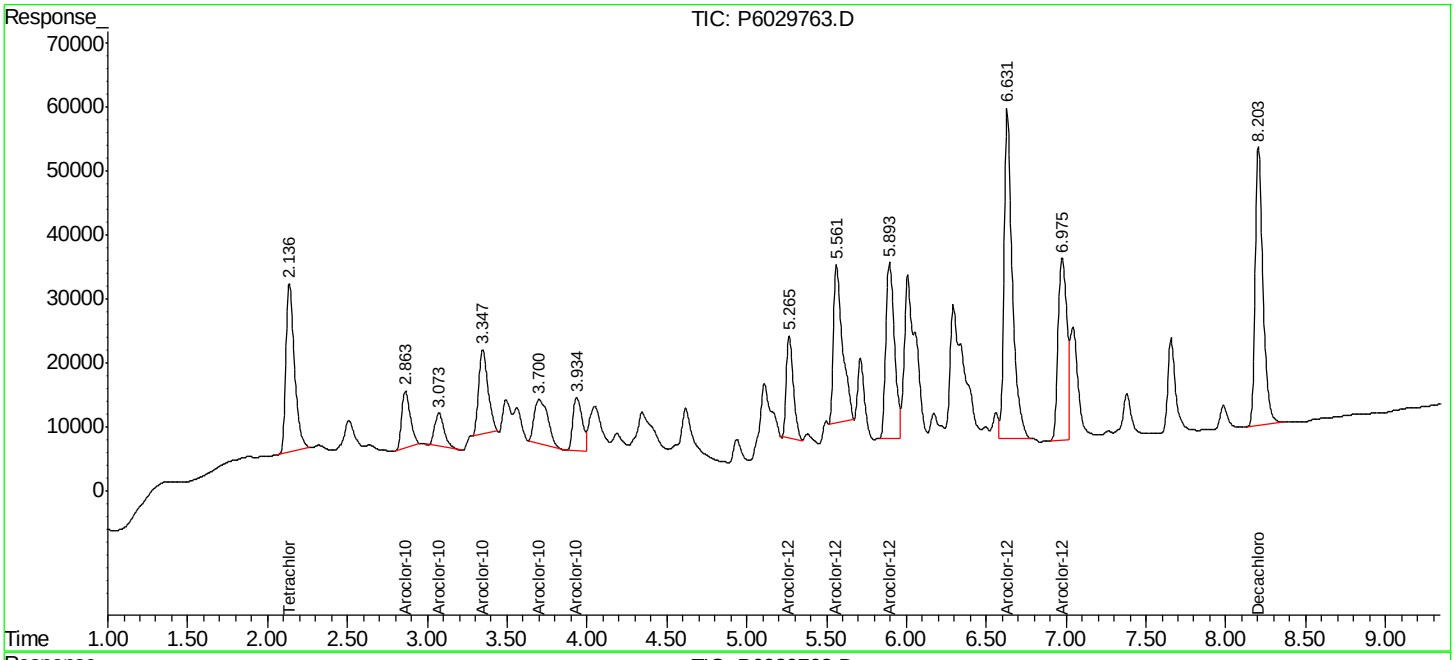
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

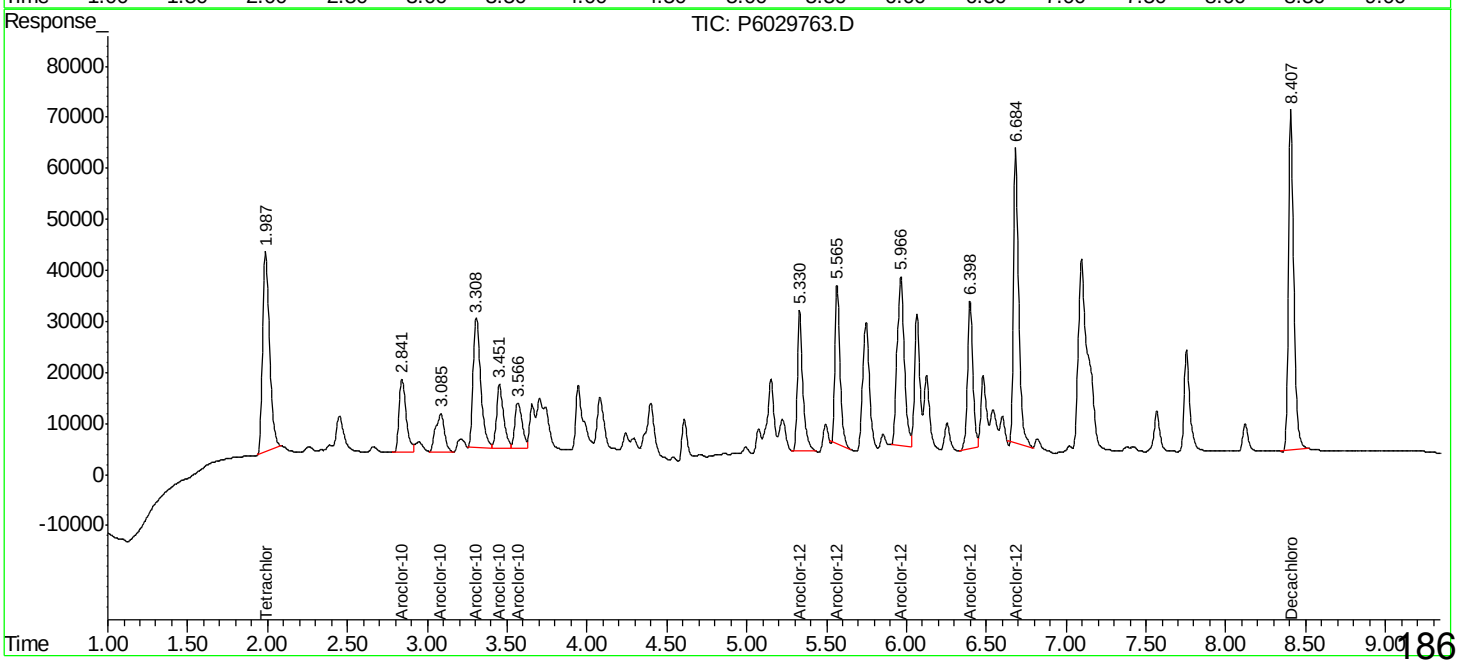
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029763.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:09
Operator : BI
Sample : 1660 750 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:52:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:50:22 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029763.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:09
Operator : BI
Sample : 1660 750 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:52:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:50:22 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.138	1.988	986762	1183246	74.759	76.804
2) SA	Decachlor...	8.205	8.408	1471399	1553020	74.612	74.452
	Target Compounds						
3) L1	Aroclor-1...	2.864	2.843	326458	451136	739.661	746.234
4) L1	Aroclor-1...	3.074	3.086	214003	294962	741.139	745.899
5) L1	Aroclor-1...	3.349	3.309	533749	845007	743.413	744.329
6) L1	Aroclor-1...	3.701	3.453	411795	384073	747.396	739.436
7) L1	Aroclor-1...	3.936	3.568	336929	289302	742.391	743.067
31) L7	Aroclor-1...	5.267	5.332	486141	647113	737.480	743.715
32) L7	Aroclor-1...	5.563	5.567	970559	677647	743.273	741.658
33) L7	Aroclor-1...	5.895	5.967	1036929	1033406	746.720	749.023
34) L7	Aroclor-1...	6.633	6.399	1848610	667480	746.830	745.977
35) L7	Aroclor-1...	6.977	6.685	1104702	1310493	741.570	743.905

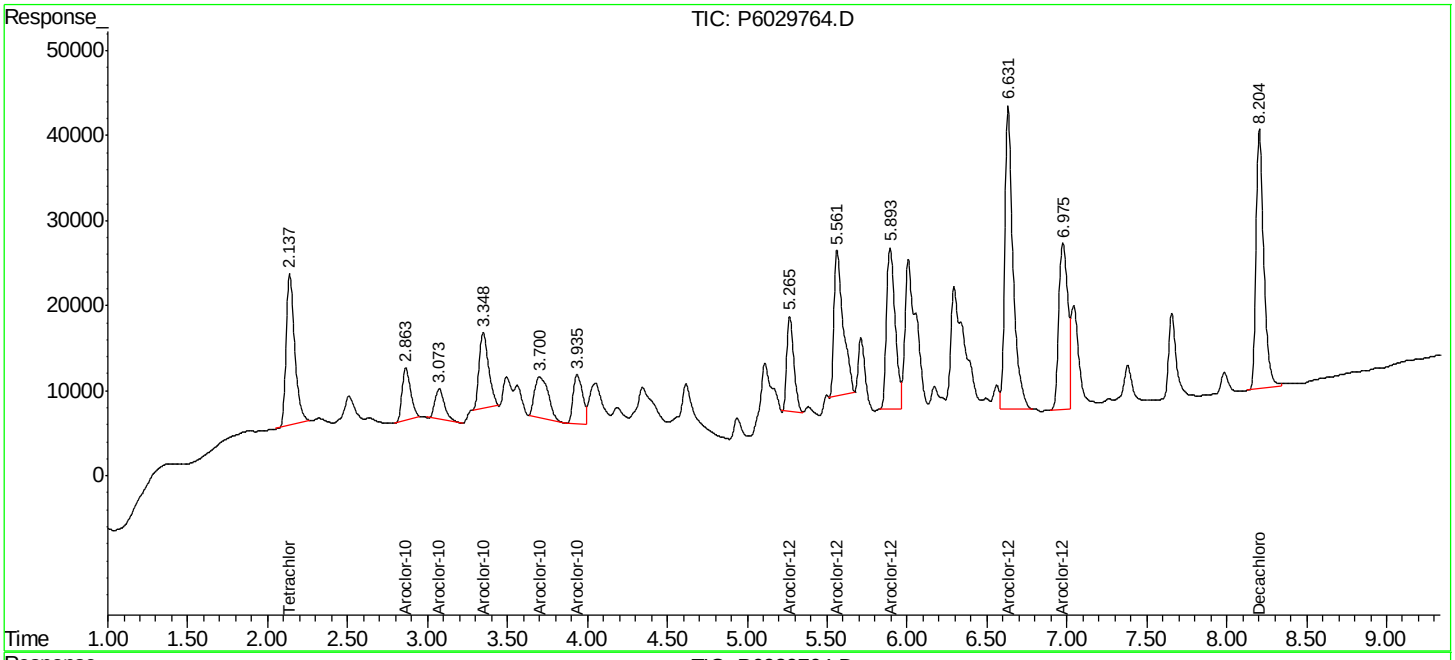
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

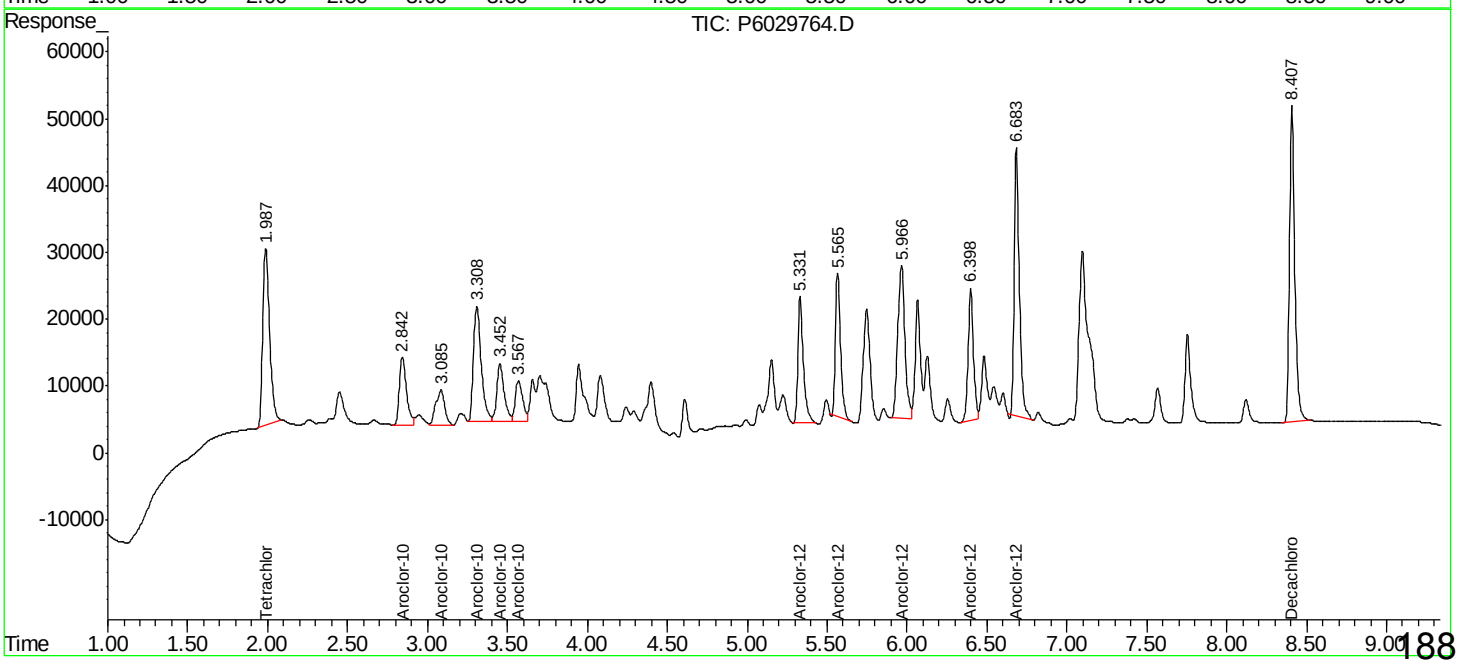
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029764.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:22
Operator : BI
Sample : 1660 500 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:45:43 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:42:41 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029764.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:22
Operator : BI
Sample : 1660 500 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:45:43 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:42:41 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.138	1.989	665896	790539	50.000	50.000
2)	SA Decachlor...	8.205	8.408	1025732	1090060	50.000	50.000
	Target Compounds						
3)	L1 Aroclor-1...	2.865	2.843	226916	315123	500.000	500.000
4)	L1 Aroclor-1...	3.075	3.086	148352	204435	500.000	500.000
5)	L1 Aroclor-1...	3.350	3.310	366342	582927	500.000	500.000
6)	L1 Aroclor-1...	3.702	3.453	285112	270866	500.000	500.000
7)	L1 Aroclor-1...	3.937	3.568	236009	197630	500.000	500.000
31)	L7 Aroclor-1...	5.267	5.332	344261	450867	500.000	500.000
32)	L7 Aroclor-1...	5.563	5.567	678827	474585	500.000	500.000
33)	L7 Aroclor-1...	5.895	5.967	716199	708729	500.000	500.000
34)	L7 Aroclor-1...	6.633	6.399	1271170	459025	500.000	500.000
35)	L7 Aroclor-1...	6.977	6.685	765453	907899	500.000	500.000

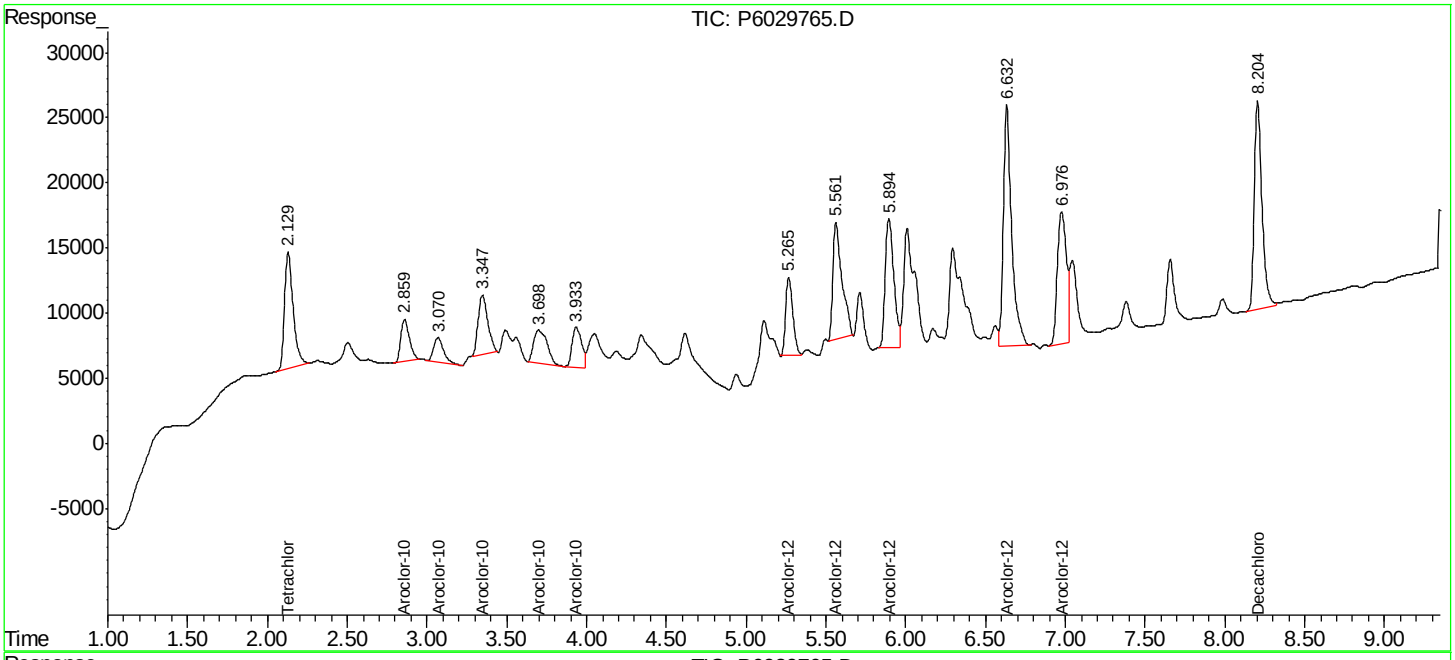
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

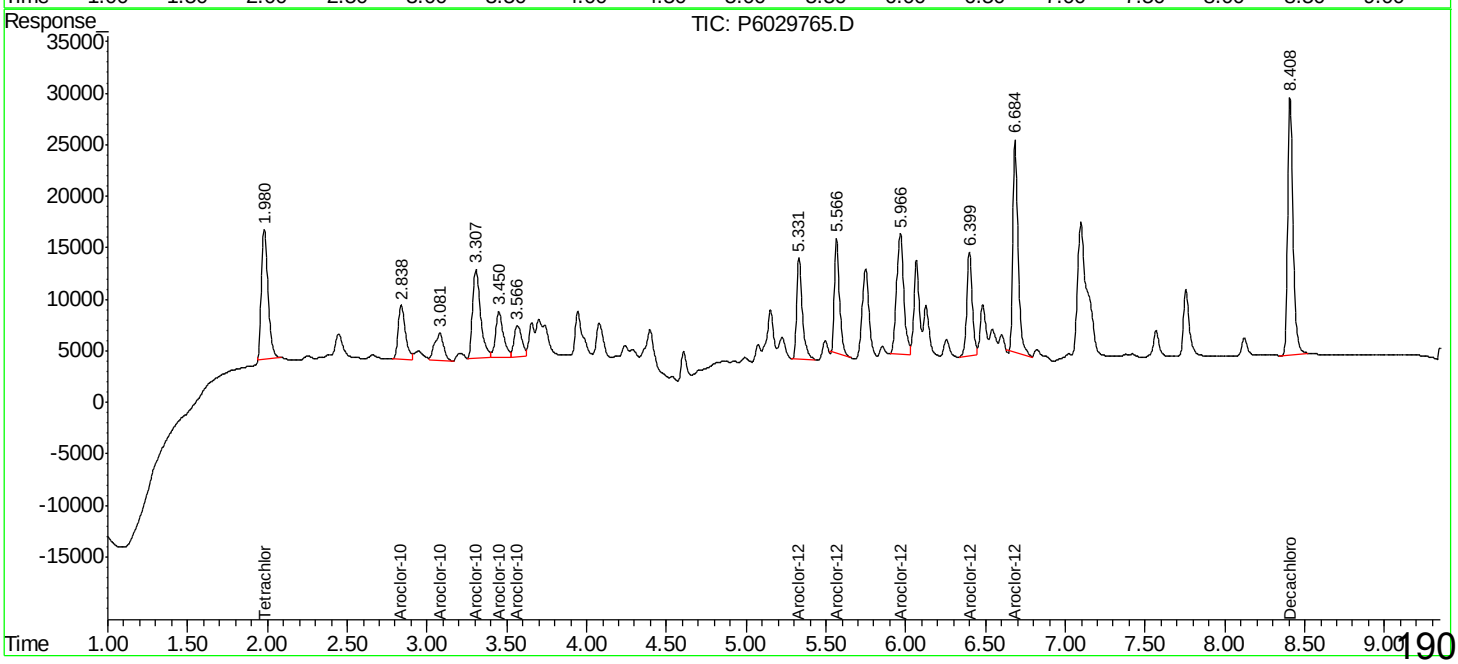
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029765.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:35
Operator : BI
Sample : 1660 250 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:55:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:53:20 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029765.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:35
Operator : BI
Sample : 1660 250 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:55:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:53:20 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.131	1.981	336688	365125	25.399	23.867
2) SA	Decachlor...	8.206	8.410	533760	582184	26.552	27.169
	Target Compounds						
3) L1	Aroclor-1...	2.860	2.839	121438	165714	269.300	267.986
4) L1	Aroclor-1...	3.071	3.082	78446	108723	266.683	268.606
5) L1	Aroclor-1...	3.348	3.308	191039	305468	262.438	264.528
6) L1	Aroclor-1...	3.700	3.451	147046	150904	262.677	280.160
7) L1	Aroclor-1...	3.935	3.567	128081	103798	274.080	262.846
31) L7	Aroclor-1...	5.267	5.333	186627	238070	275.152	267.847
32) L7	Aroclor-1...	5.564	5.568	360551	251353	269.679	269.091
33) L7	Aroclor-1...	5.896	5.967	372151	363933	263.541	260.280
34) L7	Aroclor-1...	6.634	6.400	664130	235388	263.756	260.021
35) L7	Aroclor-1...	6.978	6.686	399878	467068	264.303	261.704

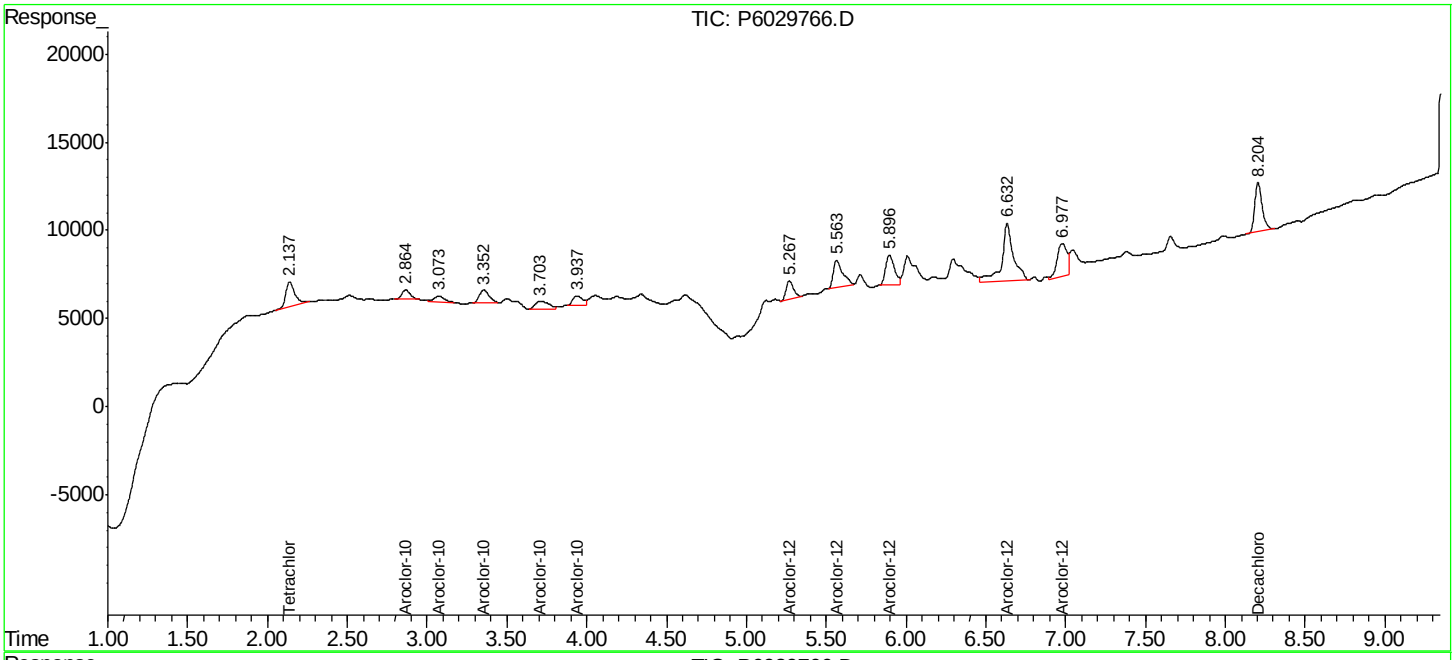
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

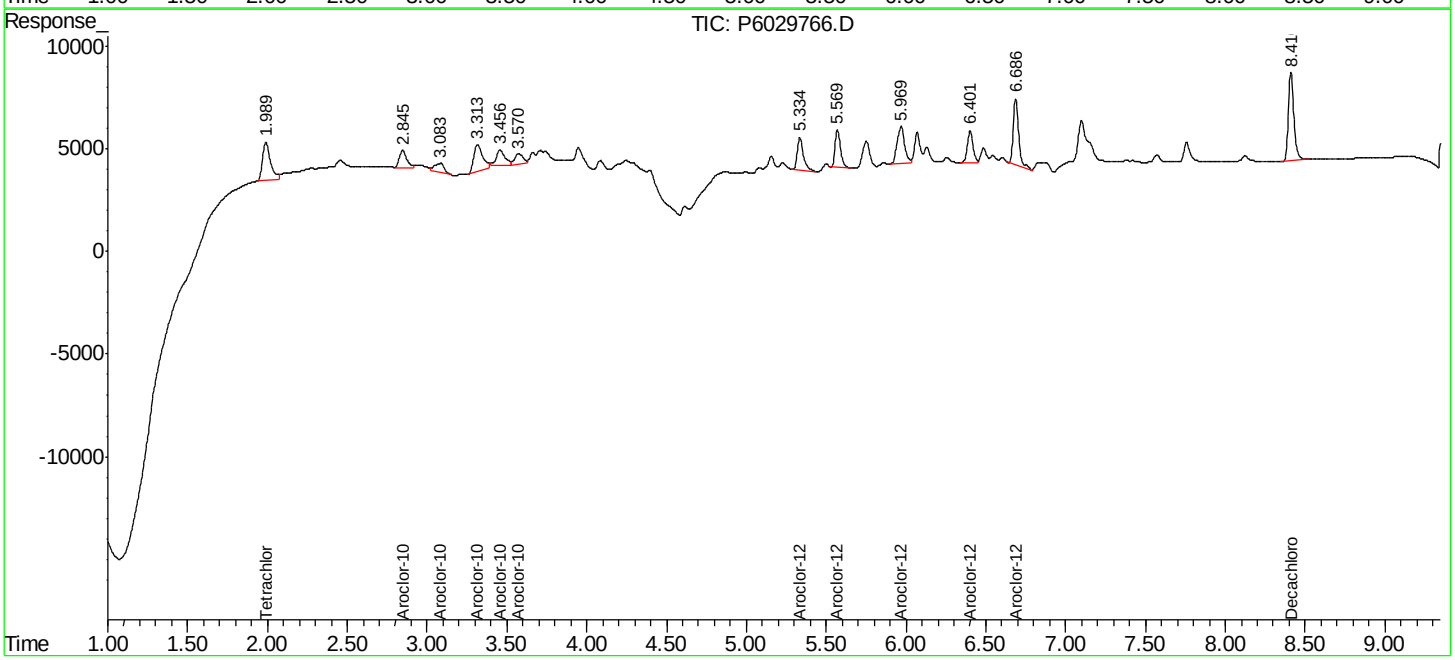
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:48
Operator : BI
Sample : 1660 50 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:05:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:02:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



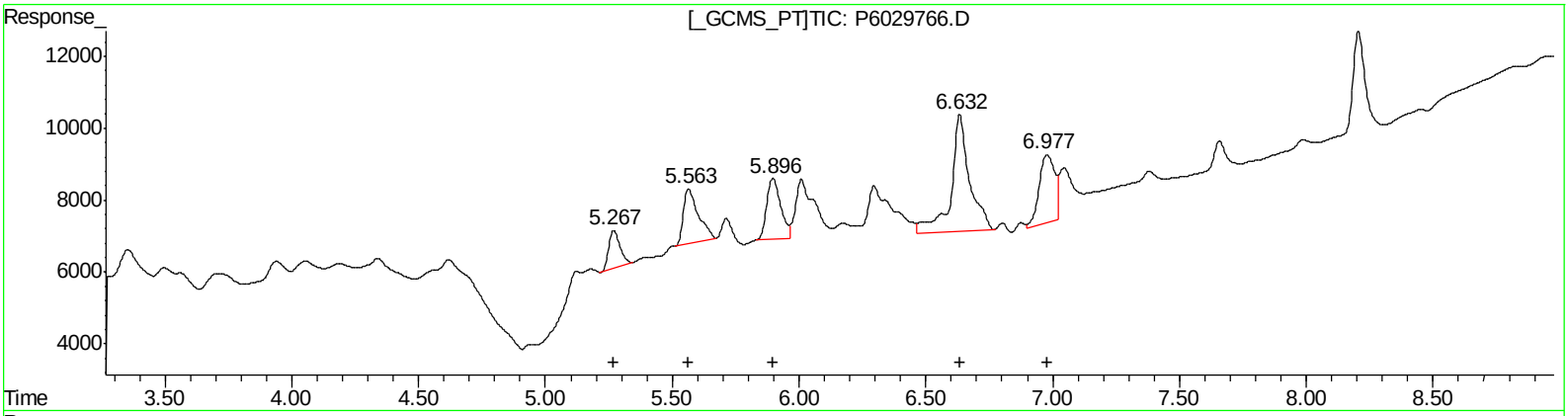


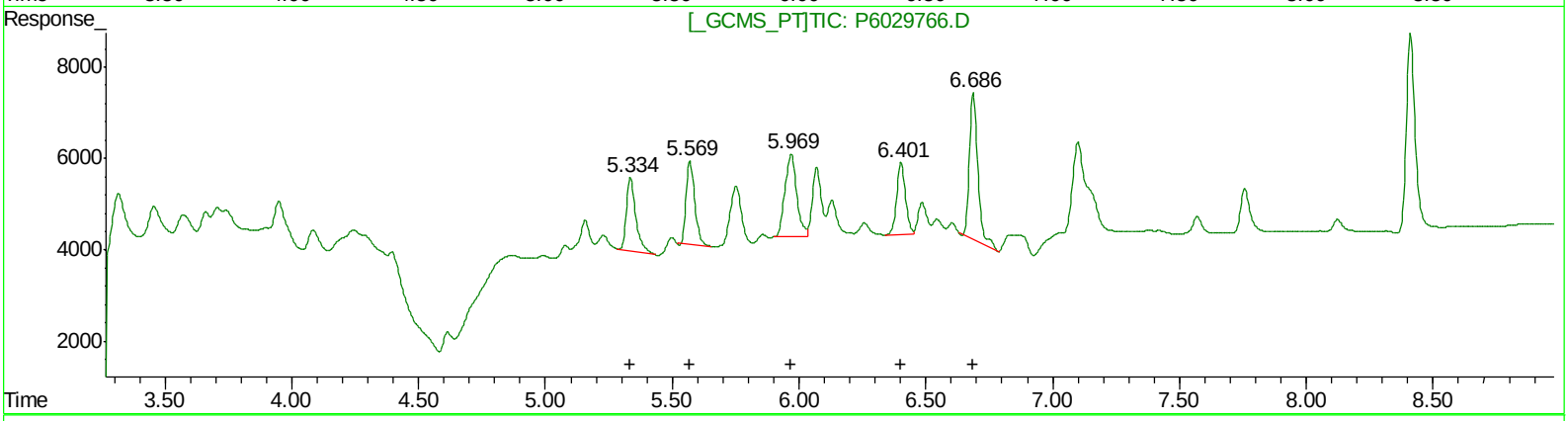
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:57:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:54:56 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.27	31457	46.38
5.57	61515	46.01
5.90	65051	46.07
6.63	166705	66.21
6.98	79625	52.63

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	41239	46.40
5.57	42275	45.26
5.97	58646	41.94
6.40	37759	41.71
6.69	75125	42.09

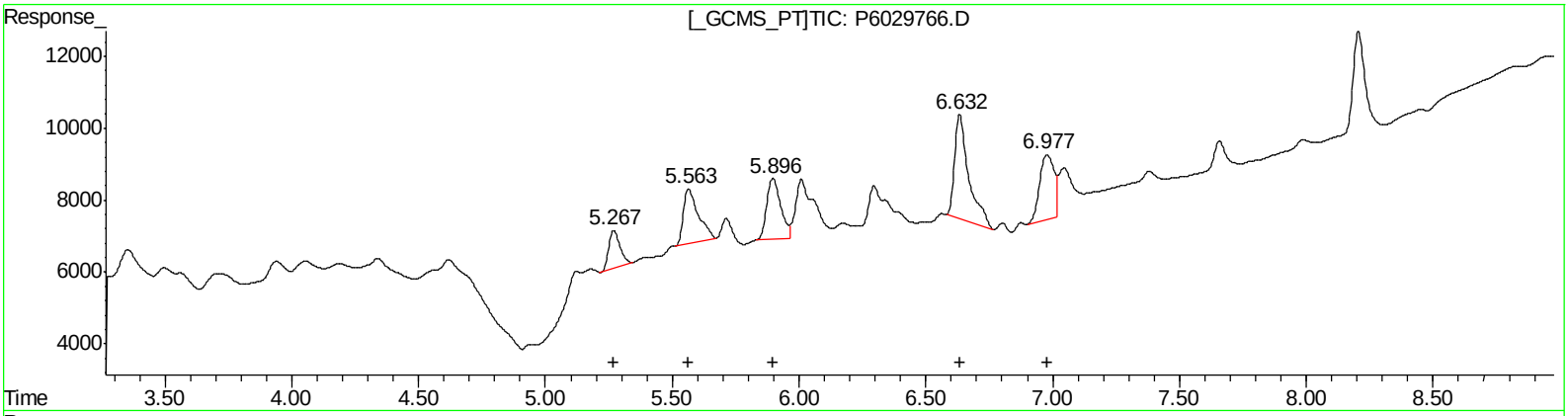
(+) = Expected Retention Time

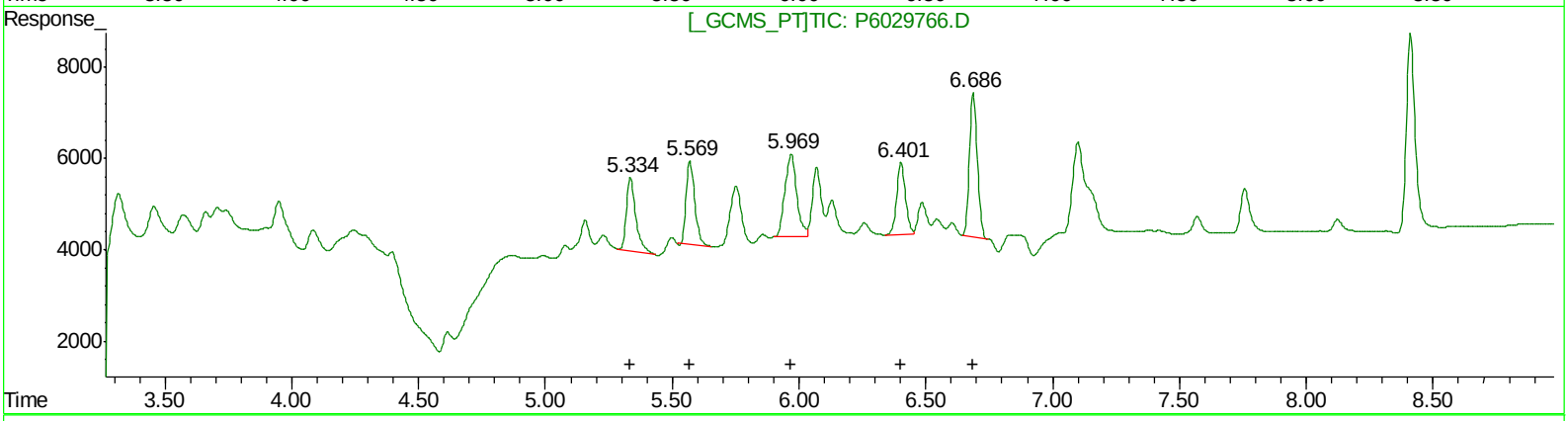
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:57:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:54:56 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.27	31457	46.38
5.57	61515	46.01
5.90	65051	46.07
6.63	113616	45.12
6.98	73647	48.68

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	41239	46.40
5.57	42275	45.26
5.97	58646	41.94
6.40	37759	41.71
6.69	68993	38.66

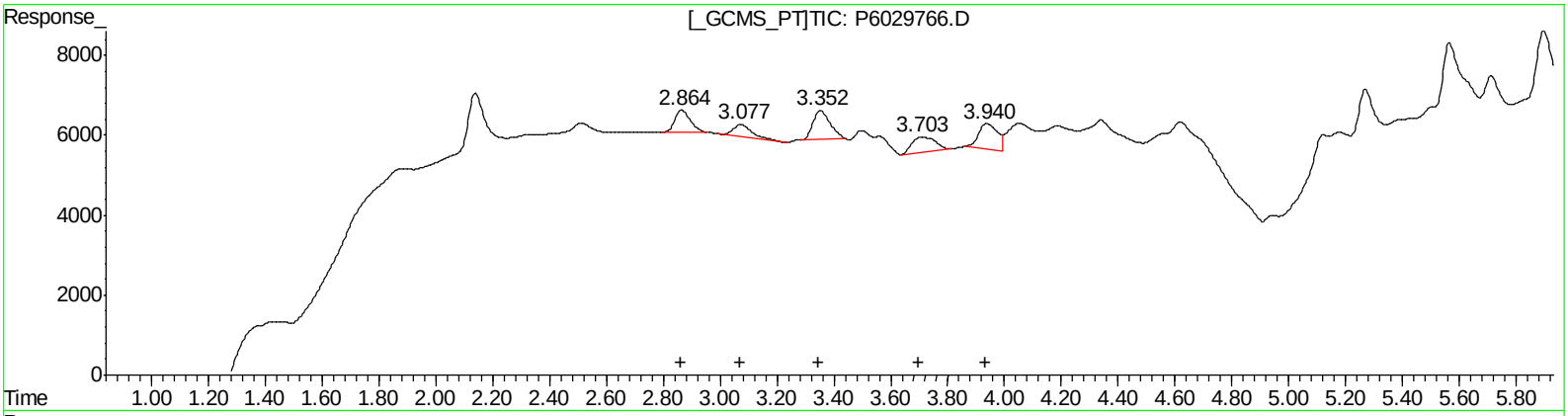
(+) = Expected Retention Time

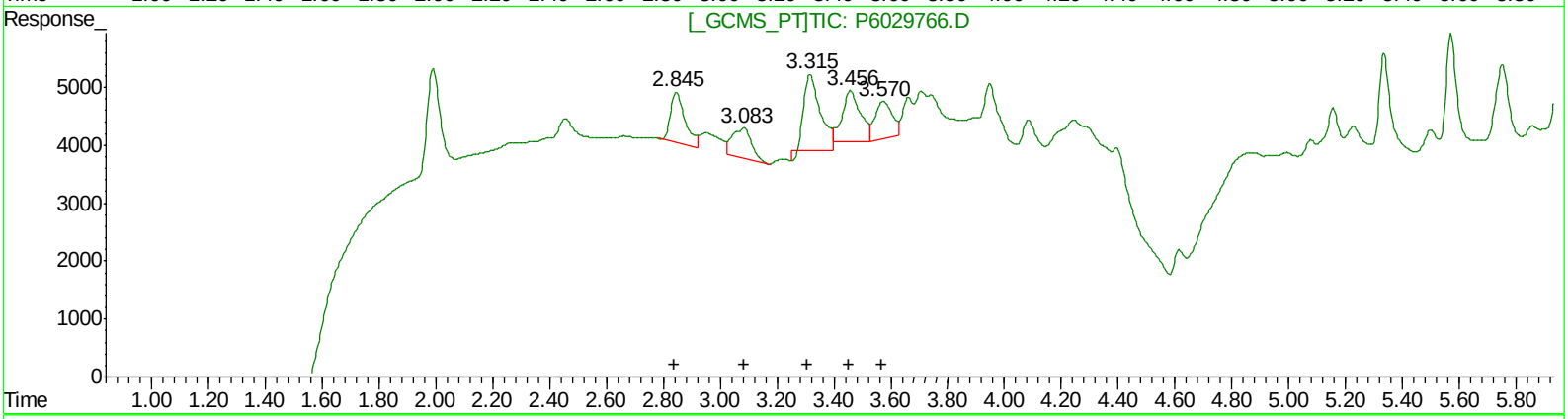
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:57:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:54:56 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	20436	45.32
3.07	14234	48.39
3.35	30083	41.33
3.71	21224	37.91
3.94	30176	64.57

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	30733	49.70
3.08	24397	60.28
3.32	59910	51.88
3.46	46324	86.00
3.57	26958	68.26

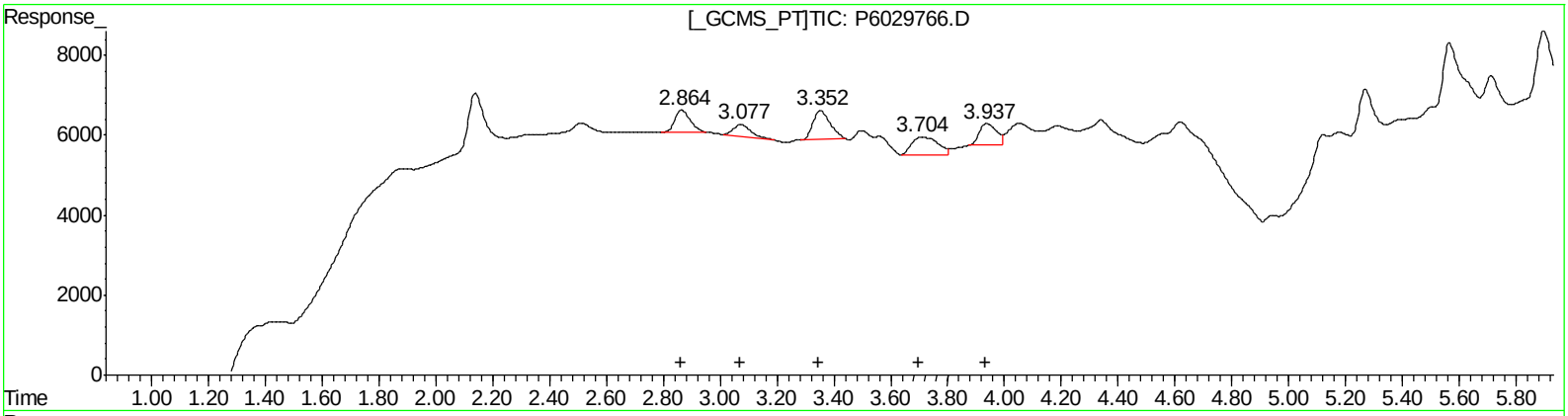
(+) = Expected Retention Time

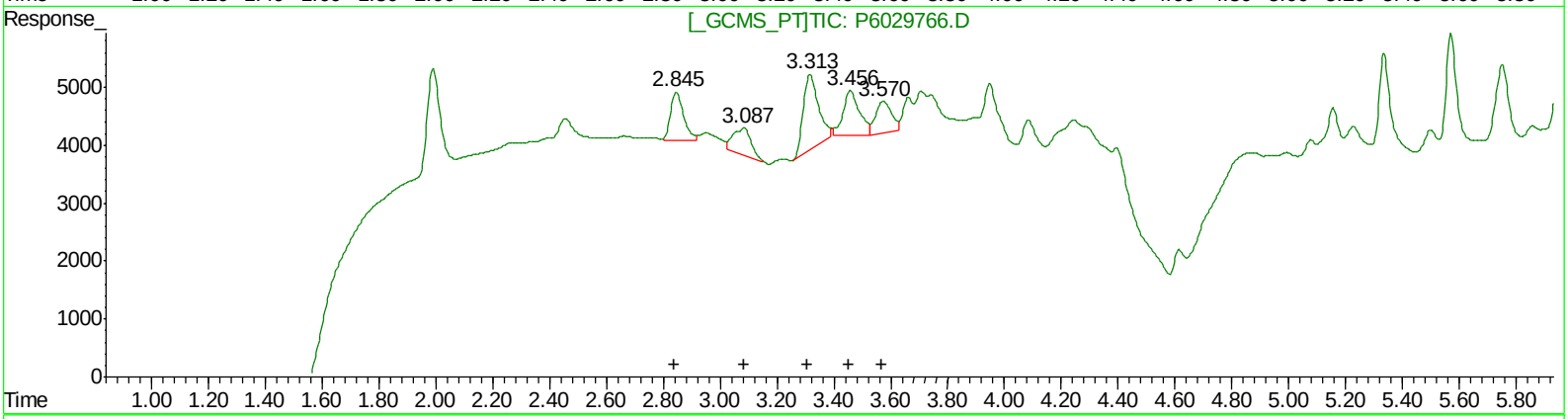
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 13:57:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 13:54:56 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	20436	45.32
3.08	13193	44.85
3.35	30083	41.33
3.70	28449	50.82
3.94	22043	47.17

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	26275	42.49
3.09	20523	50.70
3.31	48572	42.06
3.46	31784	59.01
3.57	21953	55.59

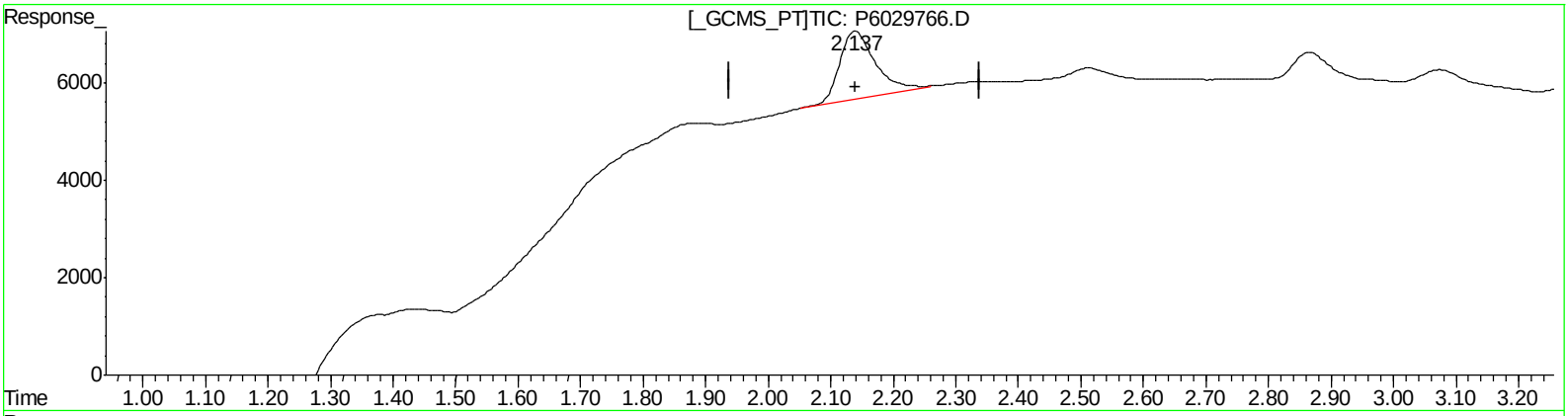
(+) = Expected Retention Time

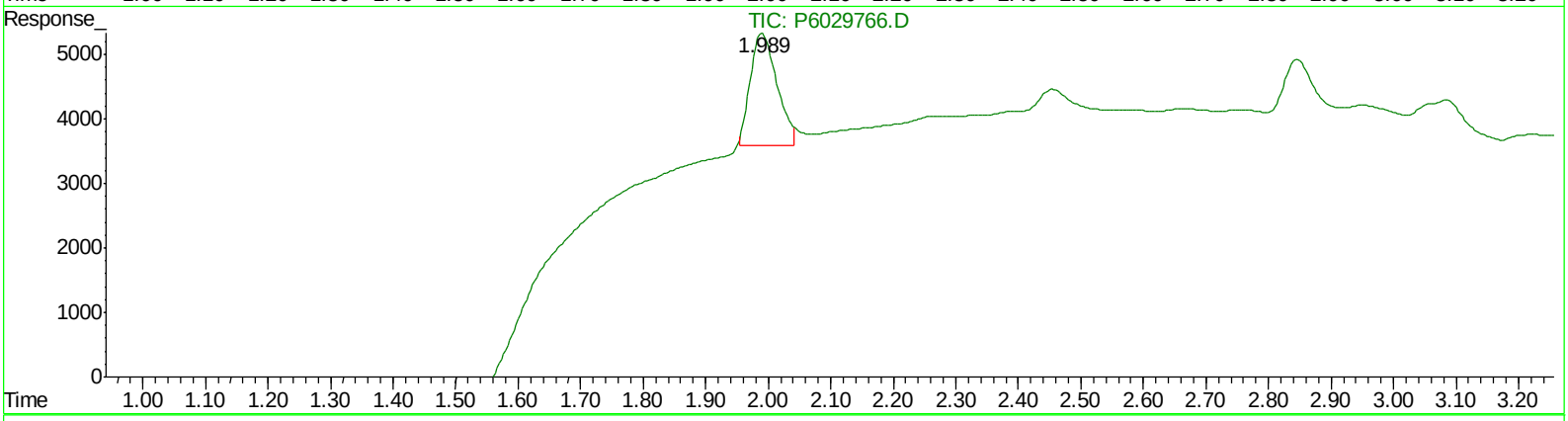
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:03:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:02:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(1) Tetrachloro-m-xylene (SA)

2.140min 4.323 ng/ml

response 55435

(1) Tetrachloro-m-xylene #2 (SA)

1.989min 3.570 ng/ml m

response 51327

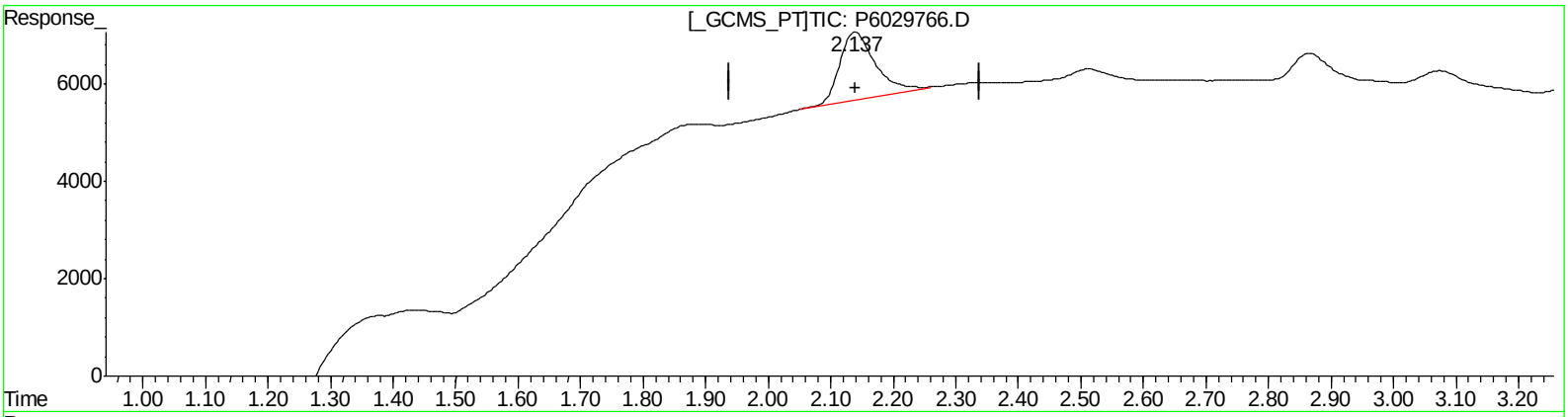
(+) = Expected Retention Time

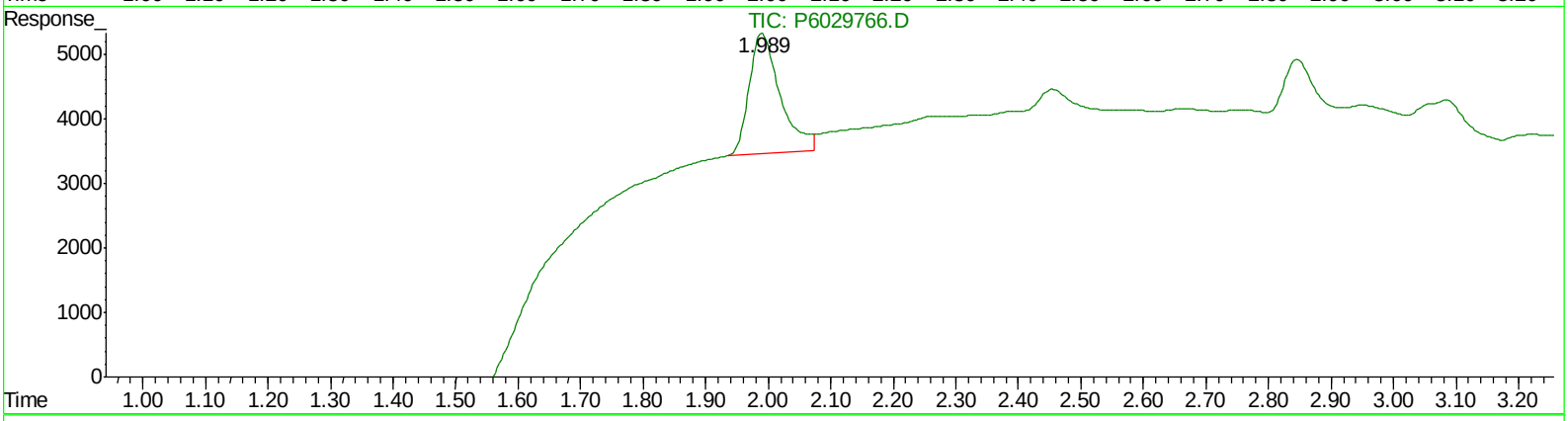
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 12:48
Operator : BI
Sample   : 1660 50 PPB
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:03:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:02:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(1) Tetrachloro-m-xylene (SA)

2.140min 4.323 ng/ml

response 55435

(1) Tetrachloro-m-xylene #2 (SA)

1.989min 4.450 ng/ml m

response 63983

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029766.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 12:48
Operator : BI
Sample : 1660 50 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:05:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:02:30 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

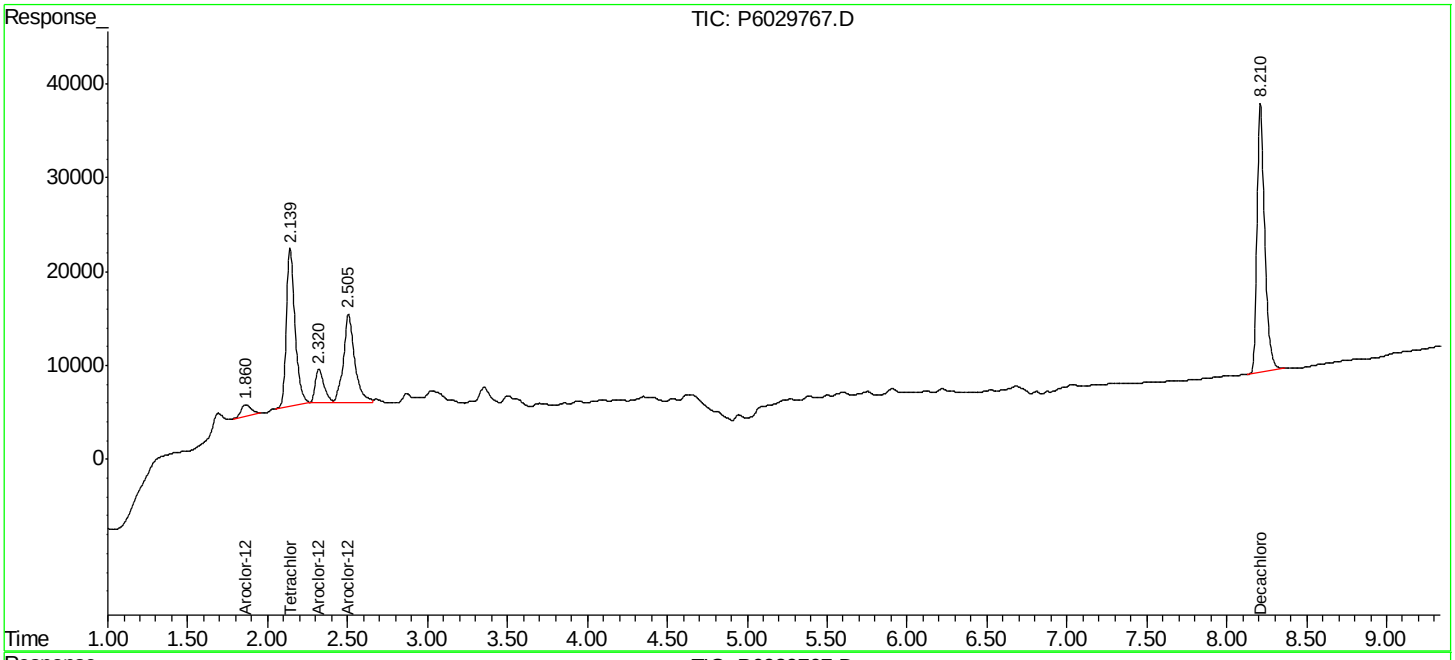
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.140	1.989	55435	63983	4.323	4.450m
2) SA	Decachlor...	8.206	8.411	89863	103513	4.567	4.864
	Target Compounds						
3) L1	Aroclor-1...	2.866	2.845	20436	26058	46.183	43.445m
4) L1	Aroclor-1...	3.073	3.083	12617	19276	43.794m	47.489m
5) L1	Aroclor-1...	3.354	3.313	30083	51066	42.812	45.672m
6) L1	Aroclor-1...	3.703	3.456	26447	29437	47.090m	52.751m
7) L1	Aroclor-1...	3.937	3.570	24723	18934	53.510m	46.898m
31) L7	Aroclor-1...	5.270	5.336	31457	41239	47.061	47.076
32) L7	Aroclor-1...	5.566	5.571	61515	42275	46.757	46.134
33) L7	Aroclor-1...	5.897	5.970	65051	58646	46.803	43.339
34) L7	Aroclor-1...	6.634	6.402	166705	37759	67.524	43.141 #
35) L7	Aroclor-1...	6.979	6.688	79625	75125	52.909	44.094

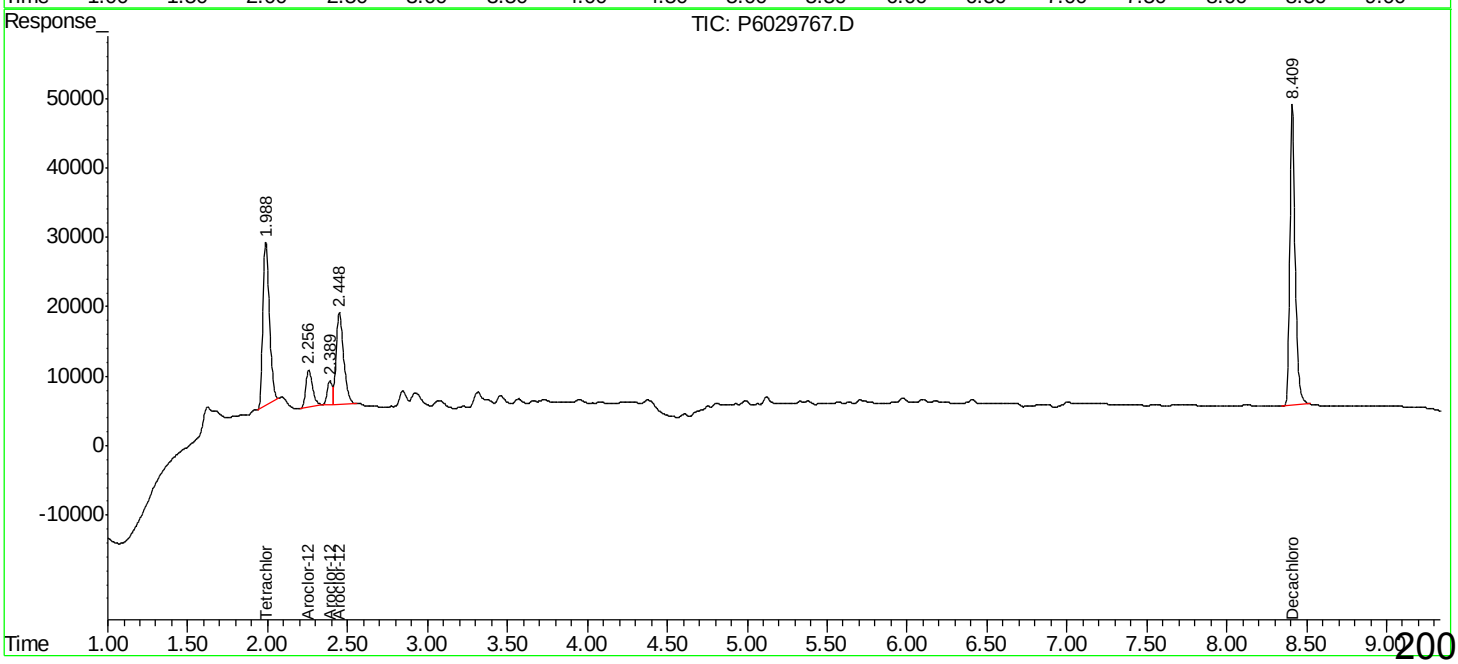
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029767.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:20
Operator : BI
Sample : AR1221 500 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:14:11 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:13:40 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029767.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:20
Operator : BI
Sample : AR1221 500 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:14:11 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:13:40 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

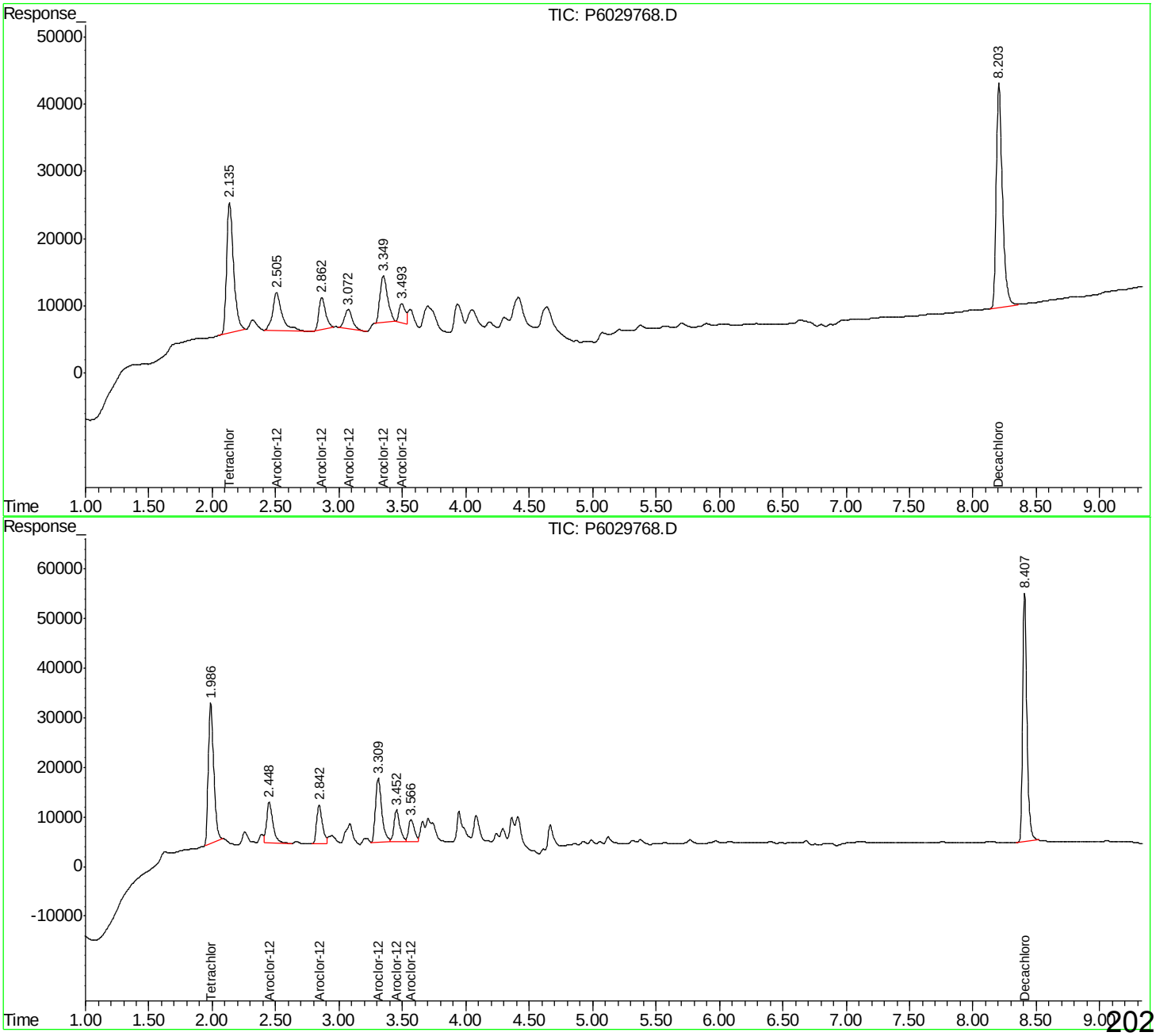
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.140	1.989	627933	668622	49.560	46.723
2)	SA Decachlor...	8.212	8.411	955248	1001058	49.253	47.836
	Target Compounds						
8)	L2 Aroclor-1...	1.862	2.258	50850	158714	500.000	500.000
9)	L2 Aroclor-1...	2.321	2.390	132202	74028	500.000	500.000
10)	L2 Aroclor-1...	2.507	2.450	463657	427475	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029768.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:33
Operator : BI
Sample : AR1232 500 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:17:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:16:27 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029768.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:33
Operator : BI
Sample : AR1232 500 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:17:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:16:27 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.137	1.988	738826	844190	56.340	56.232
2)	SA Decachlor...	8.205	8.409	1127873	1170107	56.155	54.163
	Target Compounds						
11)	L3 Aroclor-1...	2.507	2.450	295607	284131	500.000	500.000
12)	L3 Aroclor-1...	2.864	2.843	171472	247971	500.000	500.000
13)	L3 Aroclor-1...	3.073	3.310	120223	445632	500.000	500.000
14)	L3 Aroclor-1...	3.350	3.454	286951	209826	500.000	500.000
15)	L3 Aroclor-1...	3.495	3.568	95410	146342	500.000	500.000

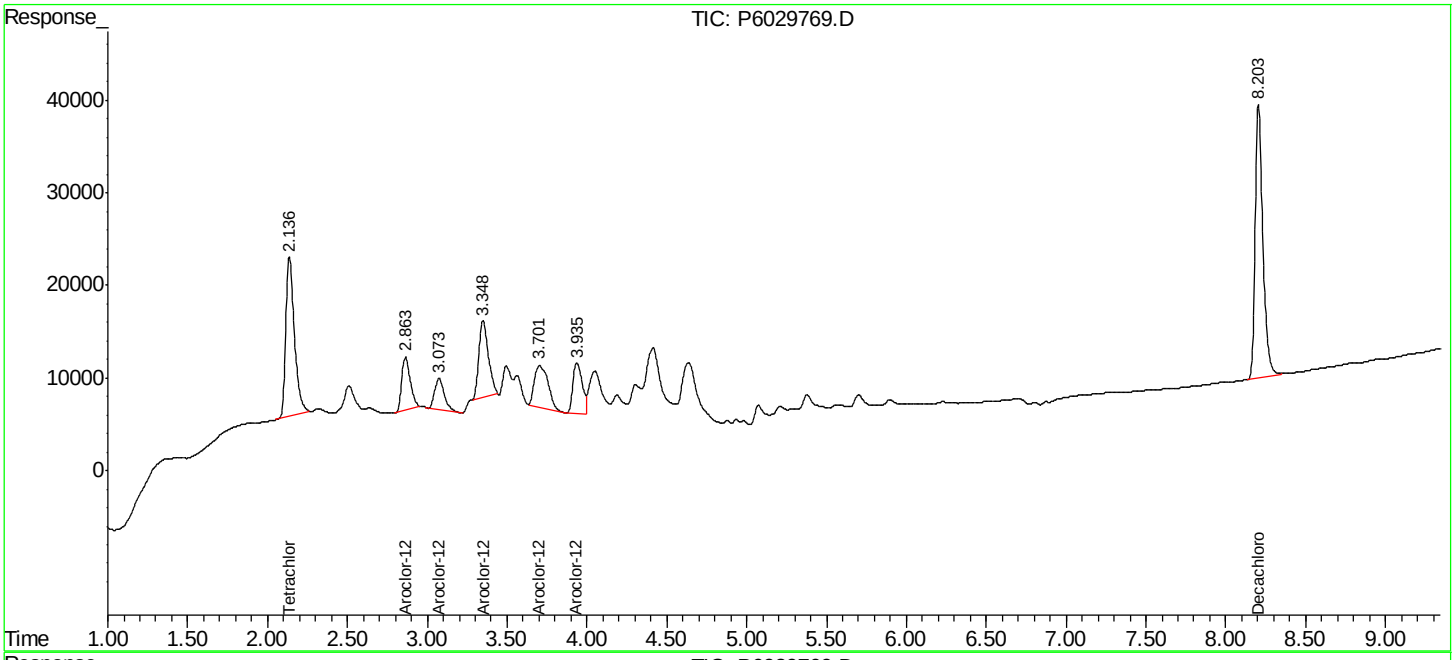
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

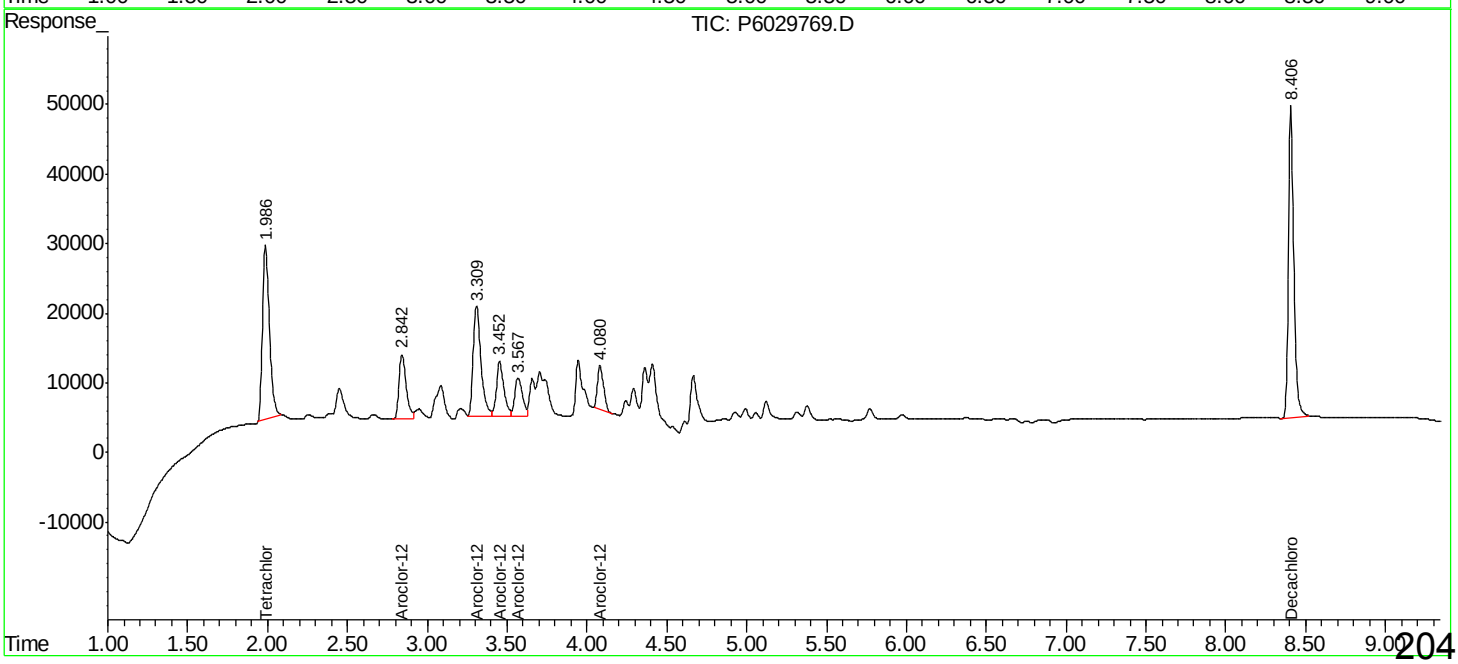
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029769.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:47
Operator : BI
Sample : AR1242 500 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 02:24:11 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029769.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:47
Operator : BI
Sample : AR1242 500 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 02:24:11 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.138	1.988	647202	756683	50.476	51.134
2)	SA Decachlor...	8.205	8.408	988463	1041520	50.236	48.937
	Target Compounds						
16)	L4 Aroclor-1...	2.864	2.843	212410	294173	500.000	500.000
17)	L4 Aroclor-1...	3.075	3.310	136475	534269	500.000	500.000
18)	L4 Aroclor-1...	3.350	3.454	340435	249908	500.000	500.000
19)	L4 Aroclor-1...	3.703	3.569	268799	178554	500.000	500.000
20)	L4 Aroclor-1...	3.937	4.082	219598	169590	500.000	500.000

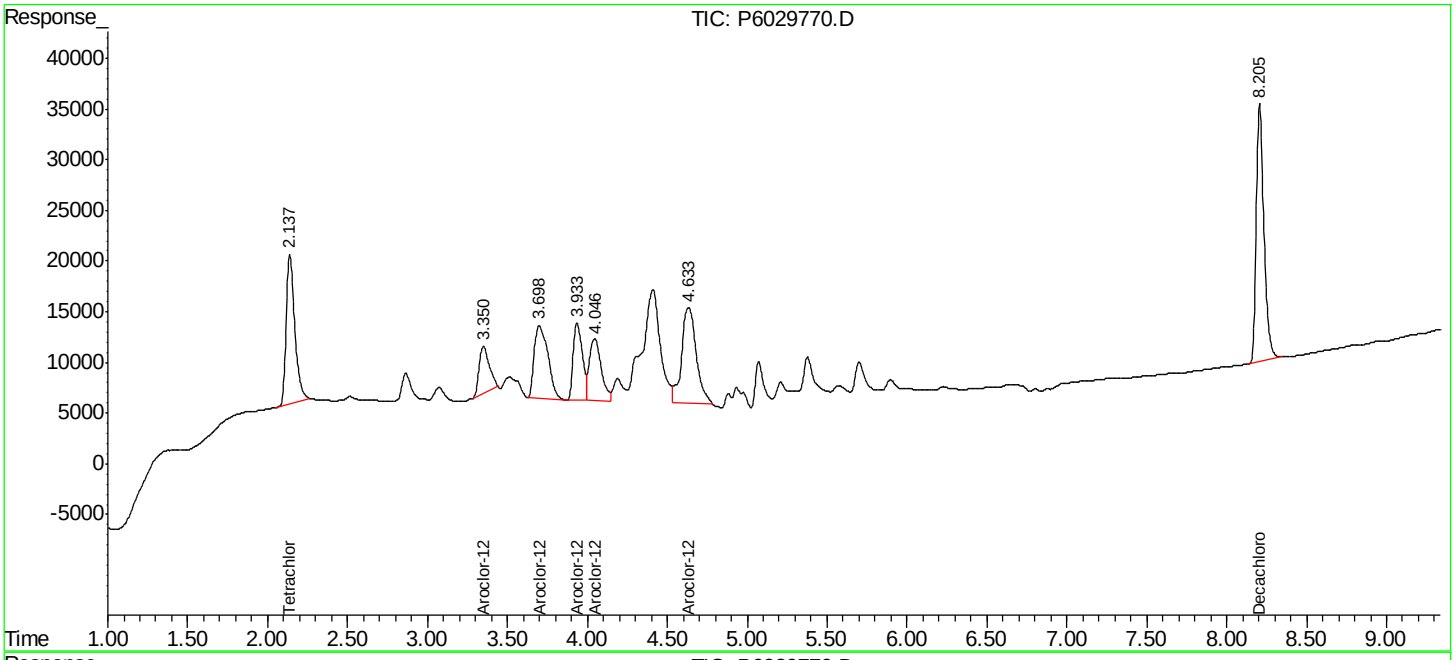
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

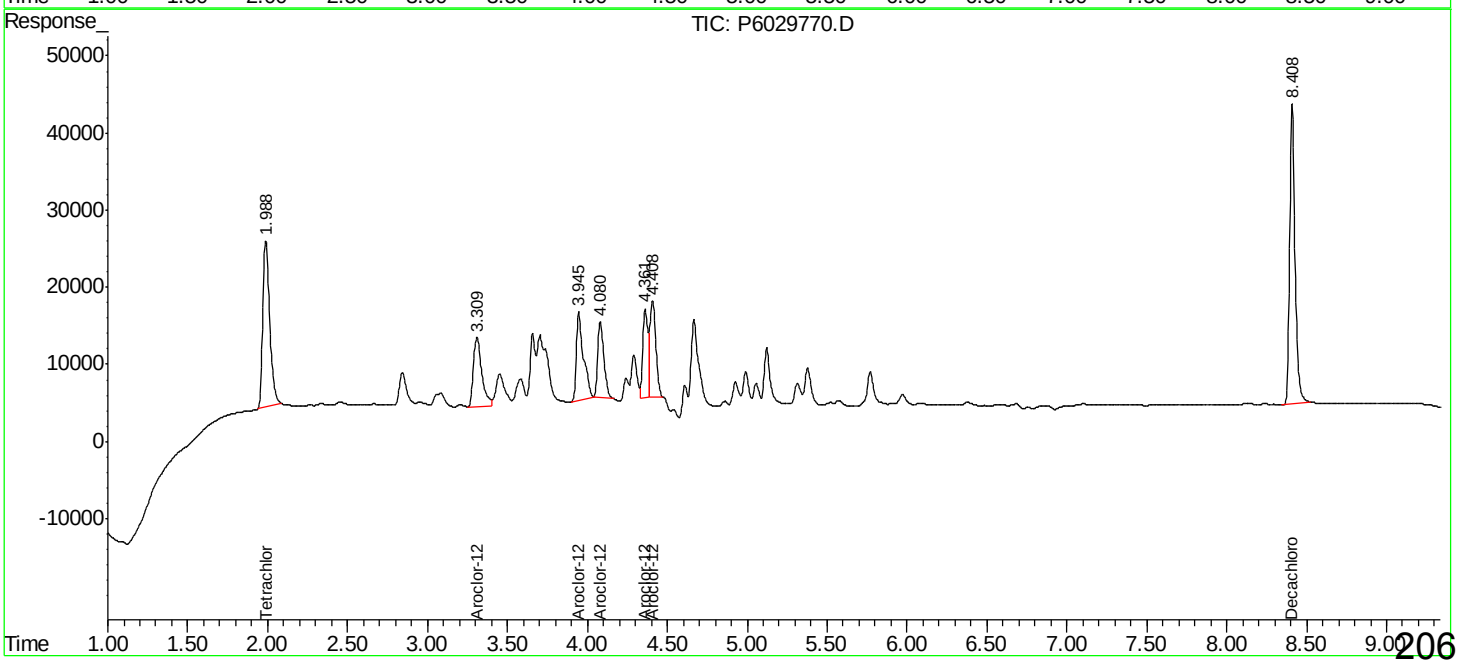
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029770.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:00
Operator : BI
Sample : AR1248 500 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:23:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:23:20 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029770.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:00
Operator : BI
Sample : AR1248 500 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:23:47 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:23:20 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.139	1.989	547813	651576	44.359	45.750
2)	SA Decachlor...	8.207	8.410	847852	905490	44.706	44.074
	Target Compounds						
21)	L5 Aroclor-1...	3.351	3.310	204794	325452	500.000	500.000
22)	L5 Aroclor-1...	3.700	3.947	432526	345499	500.000	500.000
23)	L5 Aroclor-1...	3.936	4.081	304393	259636	500.000	500.000
24)	L5 Aroclor-1...	4.047	4.363	319168	248482	500.000	500.000
25)	L5 Aroclor-1...	4.634	4.409	599074	337429	500.000	500.000

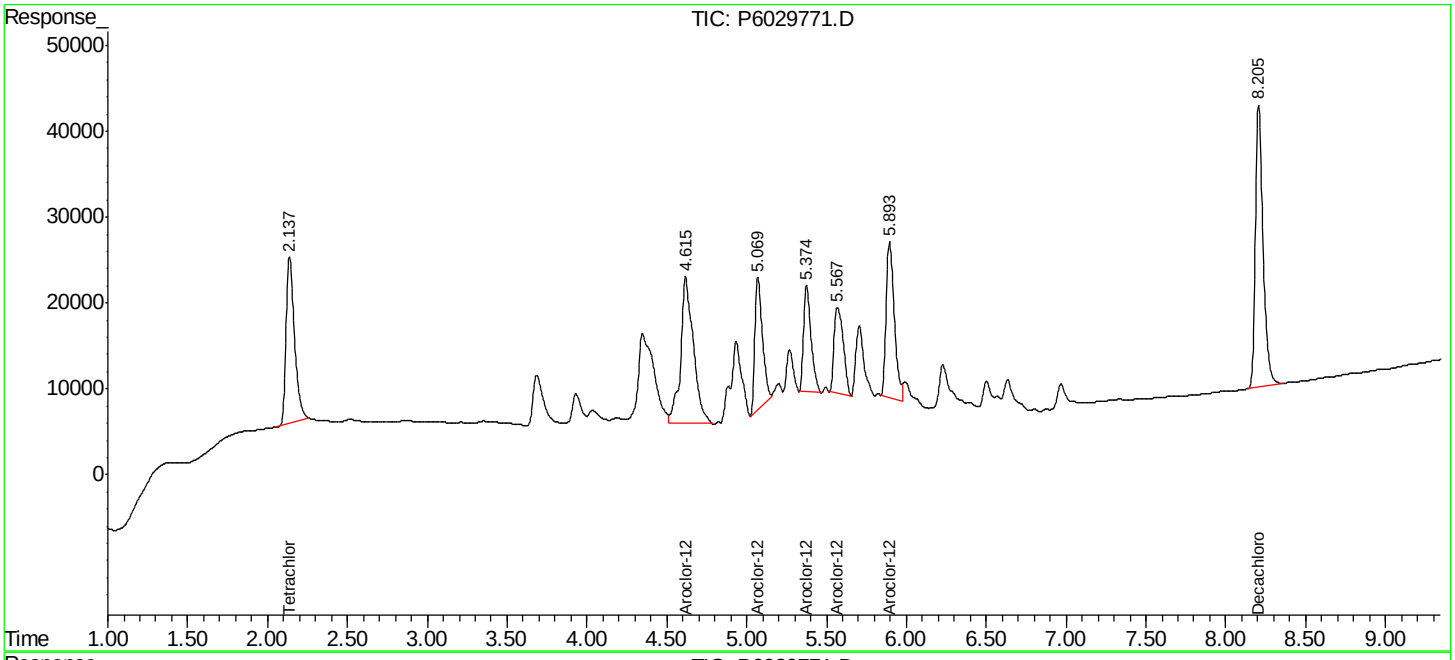
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

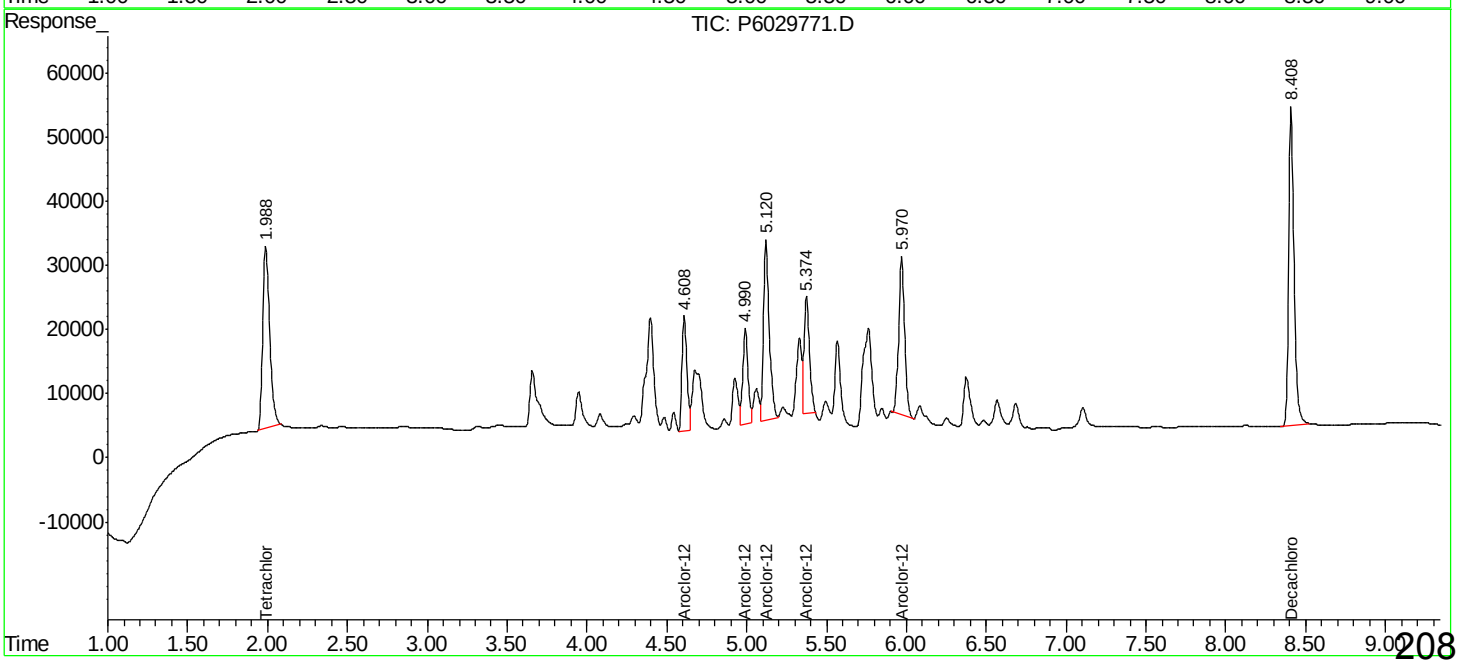
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029771.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:13
Operator : BI
Sample : AR1254 500 PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:39:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:39:05 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029771.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:13
Operator : BI
Sample : AR1254 500 PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:39:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:39:05 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.139	1.989	718410	862309	55.127	57.163
2)	SA Decachlor...	8.207	8.410	1097628	1155248	54.980	53.623
	Target Compounds						
26)	L6 Aroclor-1...	4.617	4.610	950711	384607	500.000	500.000
27)	L6 Aroclor-1...	5.071	4.992	506217	343517	500.000	500.000
28)	L6 Aroclor-1...	5.376	5.122	412215	700962	500.000	500.000
29)	L6 Aroclor-1...	5.569	5.376	399033	448962	500.000	500.000
30)	L6 Aroclor-1...	5.895	5.971	645946	639140	500.000	500.000

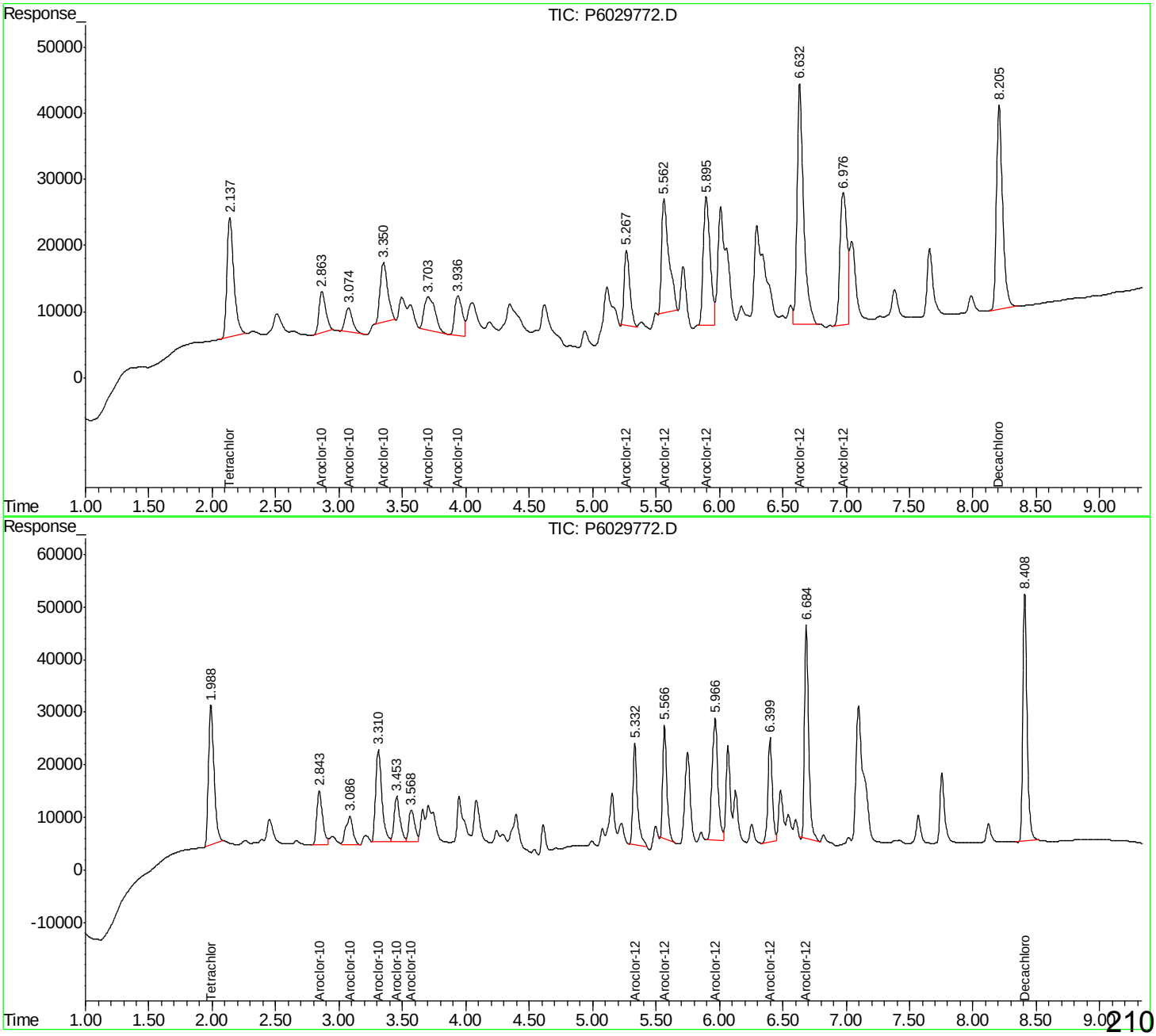
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029772.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:26
Operator : BI
Sample : 1660 500 ICV
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:40:57 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:39:05 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029772.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:26
Operator : BI
Sample : 1660 500 ICV
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:40:57 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 15:39:05 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.139	1.990	680093	802274	52.186	53.183
2)	SA Decachlor...	8.207	8.410	1037582	1094619	51.972	50.809
	Target Compounds						
3)	L1 Aroclor-1...	2.866	2.844	229052	322600	517.638	538.629
4)	L1 Aroclor-1...	3.076	3.087	148141	210509	518.354	525.069
5)	L1 Aroclor-1...	3.351	3.311	373736	592670	531.868	525.380
6)	L1 Aroclor-1...	3.703	3.455	294214	275610	531.430	502.335
7)	L1 Aroclor-1...	3.938	3.570	245531	198712	519.377	507.365
31)	L7 Aroclor-1...	5.268	5.333	347312	478222	519.582	545.903
32)	L7 Aroclor-1...	5.564	5.568	682539	477324	518.791	520.887
33)	L7 Aroclor-1...	5.897	5.968	733237	726188	527.547	536.656
34)	L7 Aroclor-1...	6.634	6.400	1307895	463744	487.803	529.841
35)	L7 Aroclor-1...	6.978	6.686	780630	914284	510.596	529.016

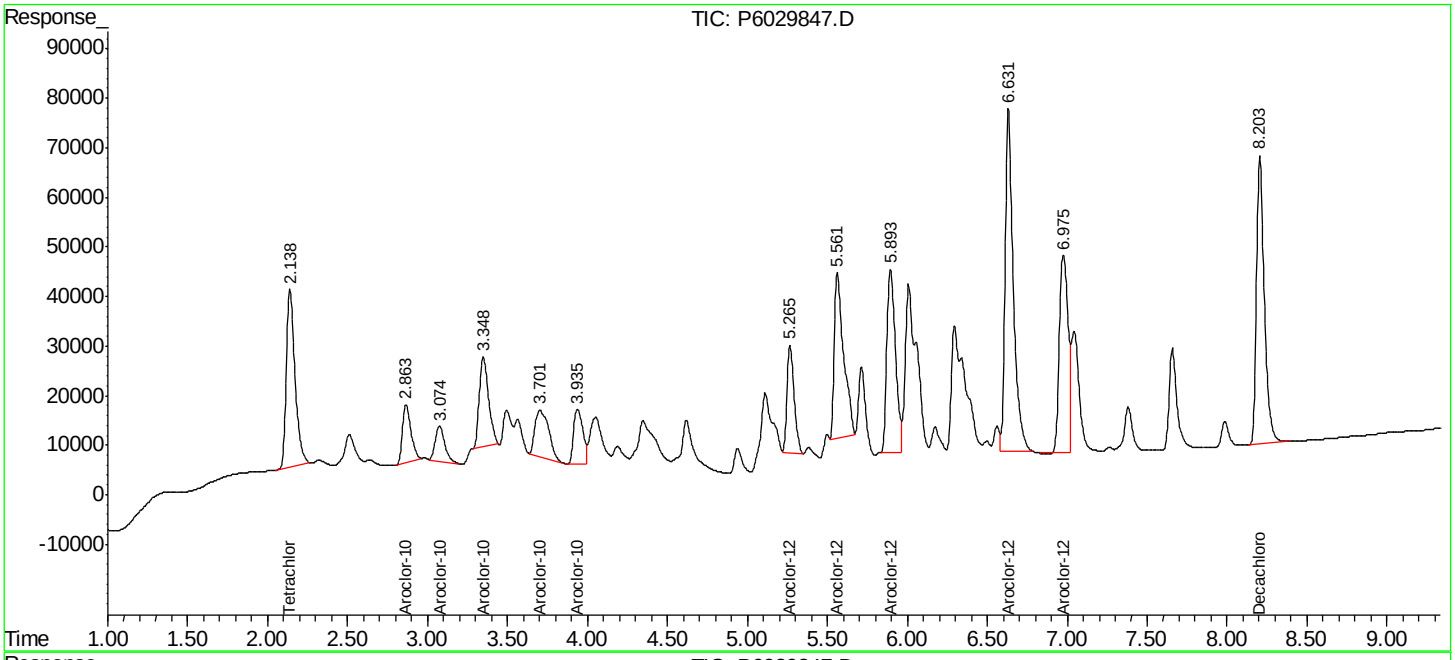
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

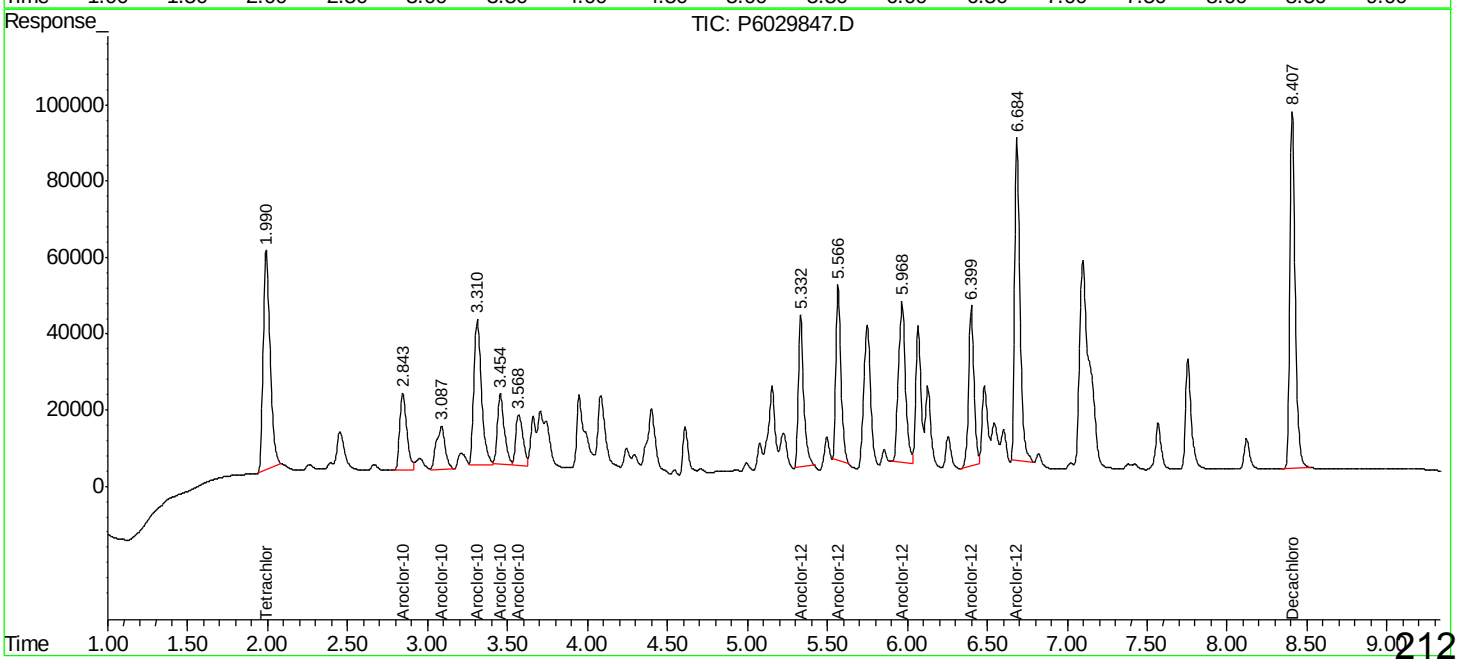
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 23:26
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:20:14 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



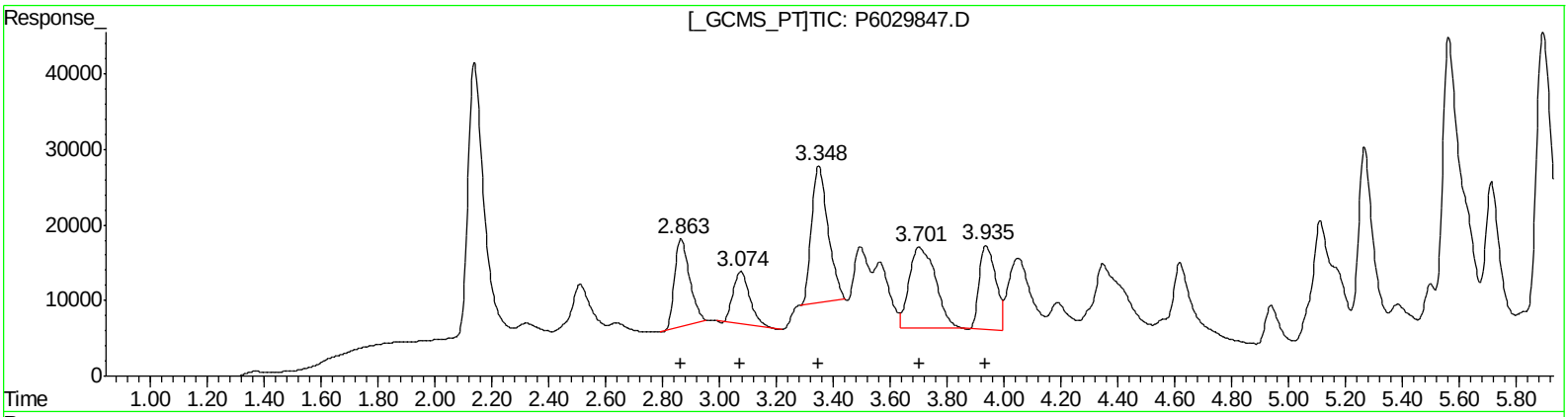


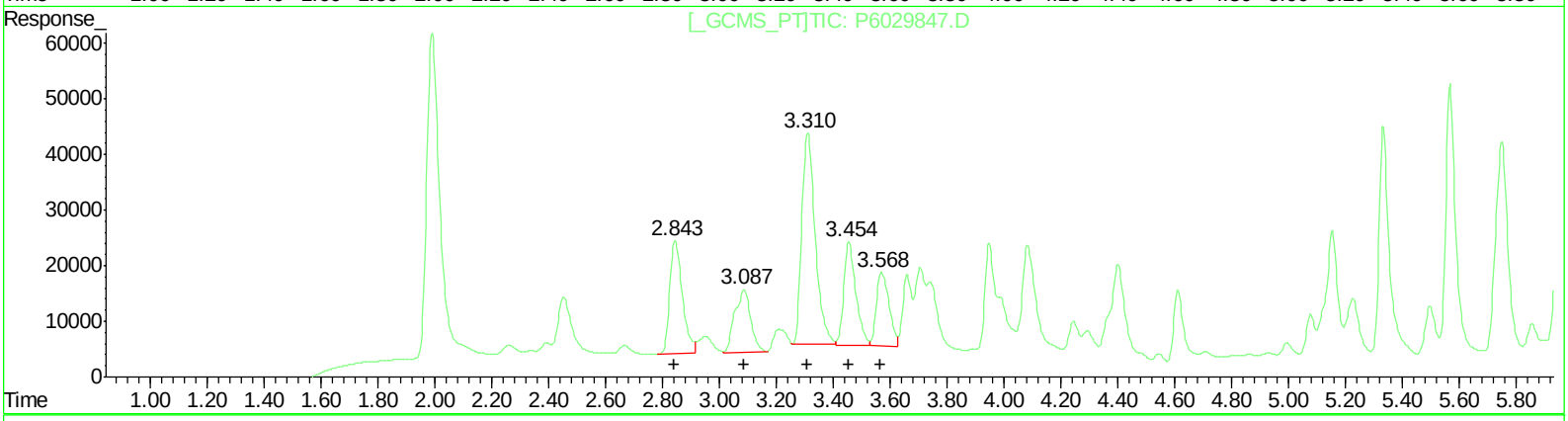
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:26
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 54   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:15:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	426322	963.45
3.08	283393	991.61
3.35	730115	1039.04
3.70	561452	1014.14
3.94	449995	951.88

(3) Aroclor-1016-1 #2 (L1)

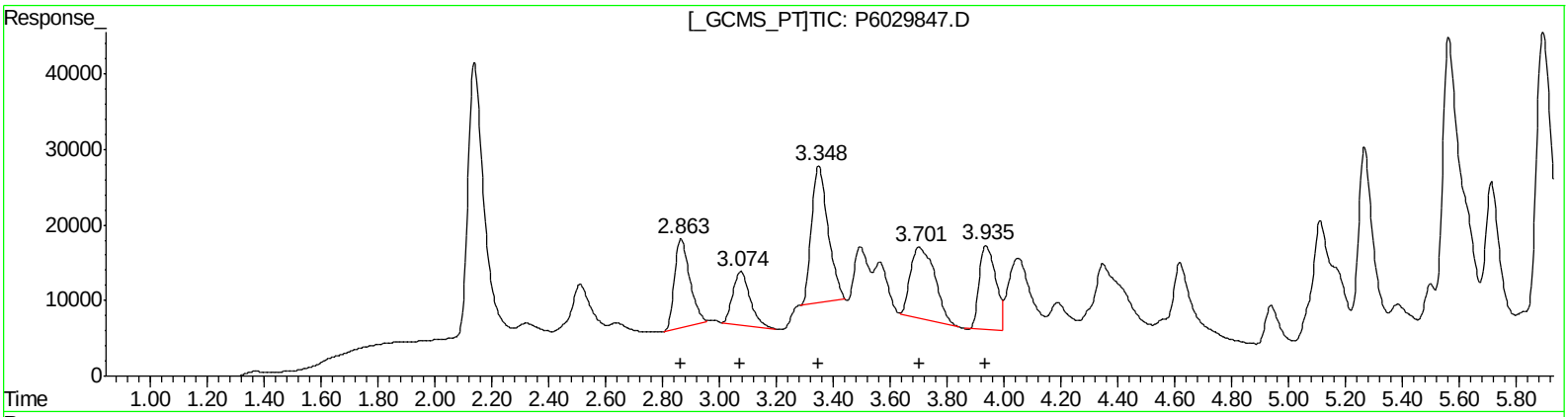
R.T.	Response	Conc
2.84	627209	1047.22
3.09	434299	1083.27
3.31	1231814	1091.96
3.46	548421	999.57
3.57	416333	1063.01

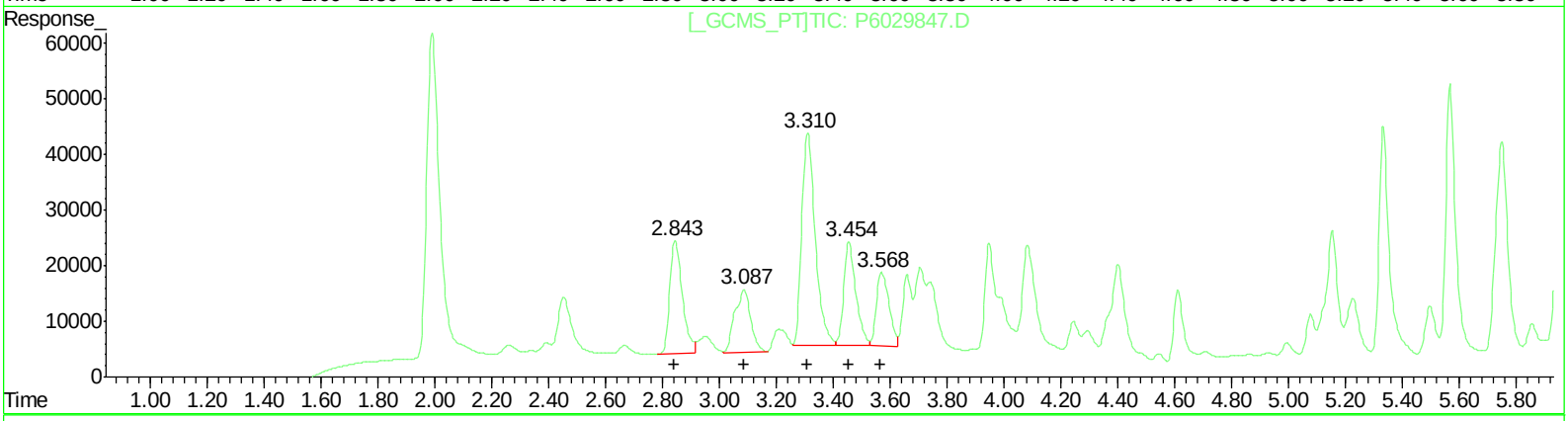
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:26
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 54   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:15:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.86	436930	987.43
3.07	302332	1057.88
3.35	730115	1039.04
3.70	561350	1013.95
3.94	449995	951.88

(3) Aroclor-1016-1 #2 (L1)

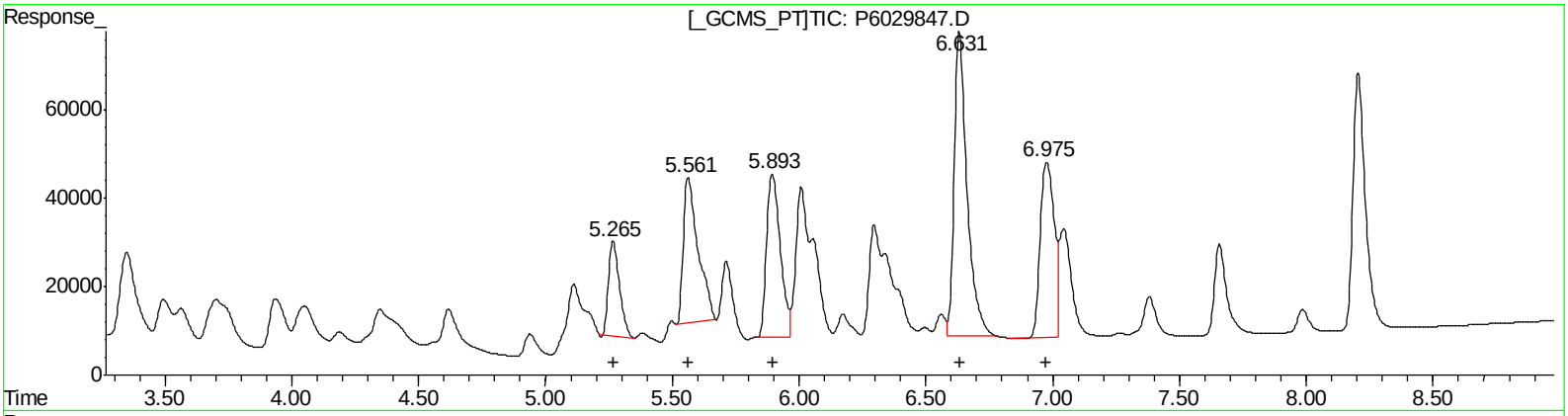
R.T.	Response	Conc
2.84	627209	1047.22
3.09	434299	1083.27
3.31	1262724	1119.36
3.46	548421	999.57
3.57	416333	1063.01

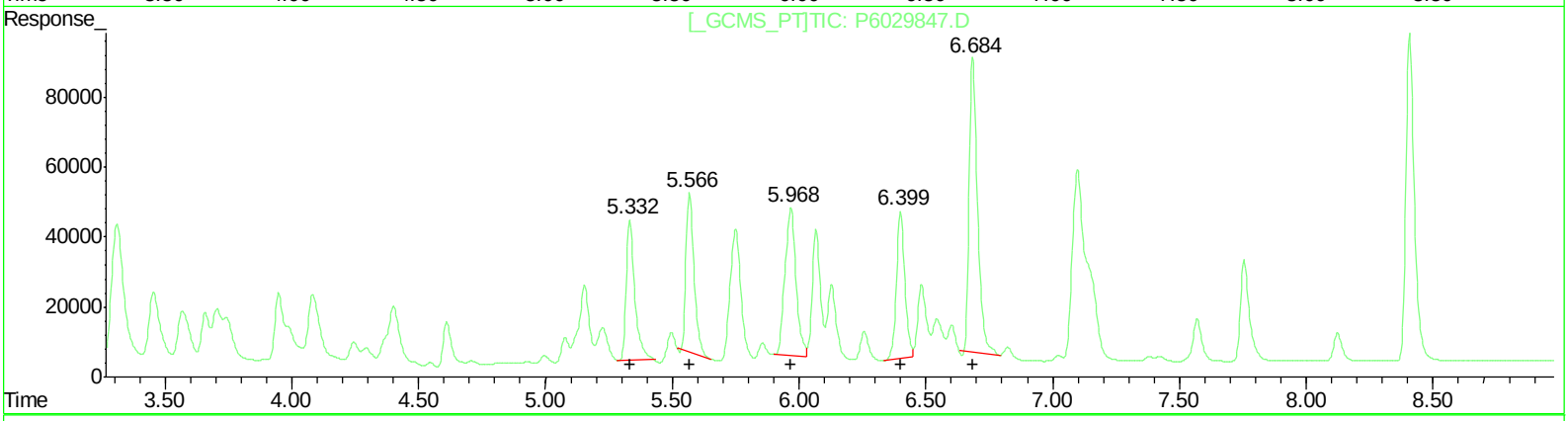
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:26
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 54   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:15:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.27	649826	972.14
5.56	1310838	996.35
5.90	1402481	1009.05
6.63	2454213	994.13
6.98	1536595	996.65

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	946506	1080.46
5.57	982639	1072.32
5.97	1277108	943.79
6.40	971501	1109.97
6.69	1930820	1122.47

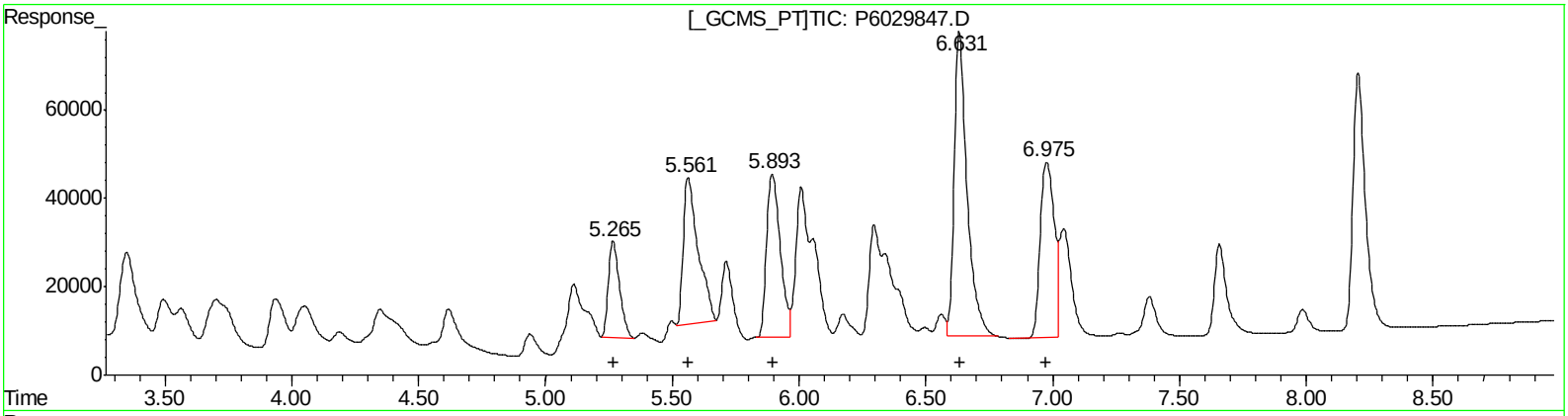
(+) = Expected Retention Time
P6081009.M Wed Aug 12 06:17:58 2009 GC/MS

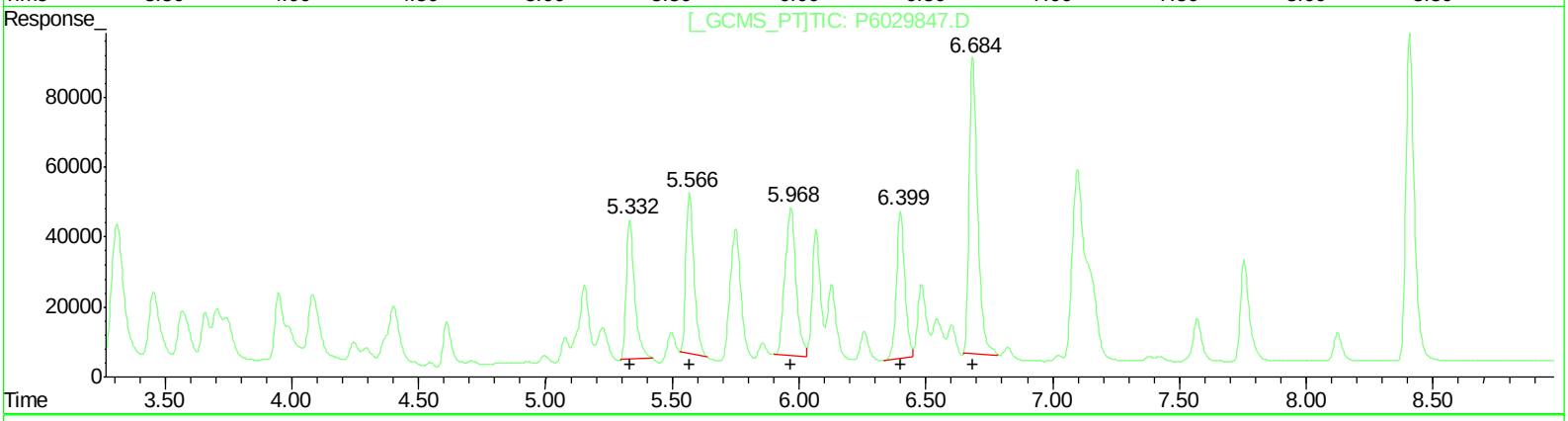
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:26
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 54   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:15:00 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.27	674714	1009.38
5.56	1346756	1023.66
5.90	1402481	1009.05
6.63	2454213	994.13
6.98	1536595	996.65

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	920763	1051.07
5.57	1003788	1095.40
5.97	1277108	943.79
6.40	971501	1109.97
6.68	1964532	1142.07

(+) = Expected Retention Time
P6081009.M Wed Aug 12 06:19:48 2009 GC/MS

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029847.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 23:26
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:20:14 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.140	1.991	1349667	1725641	105.262	116.612
2) SA	Decachlor...	8.205	8.408	1980255	2163610	100.640	101.659
	Target Compounds						
3) L1	Aroclor-1...	2.863	2.845	436930	627209	987.427m	1047.221
4) L1	Aroclor-1...	3.074	3.088	302332	434299	1057.878m	1083.265
5) L1	Aroclor-1...	3.350	3.310	730115	1262724	1039.036	1119.358m
6) L1	Aroclor-1...	3.701	3.455	561350	548421	1013.951m	999.570
7) L1	Aroclor-1...	3.937	3.570	449995	416333	951.883	1063.007
31) L7	Aroclor-1...	5.265	5.332	674714	920763	1009.377m	1051.074m
32) L7	Aroclor-1...	5.561	5.566	1346756	1003788	1023.656m	1095.401m
33) L7	Aroclor-1...	5.895	5.969	1402481	1277108	1009.052	943.788
34) L7	Aroclor-1...	6.633	6.400	2454213	971501	994.128	1109.968
35) L7	Aroclor-1...	6.977	6.684	1536595	1964532	996.654	1142.067m

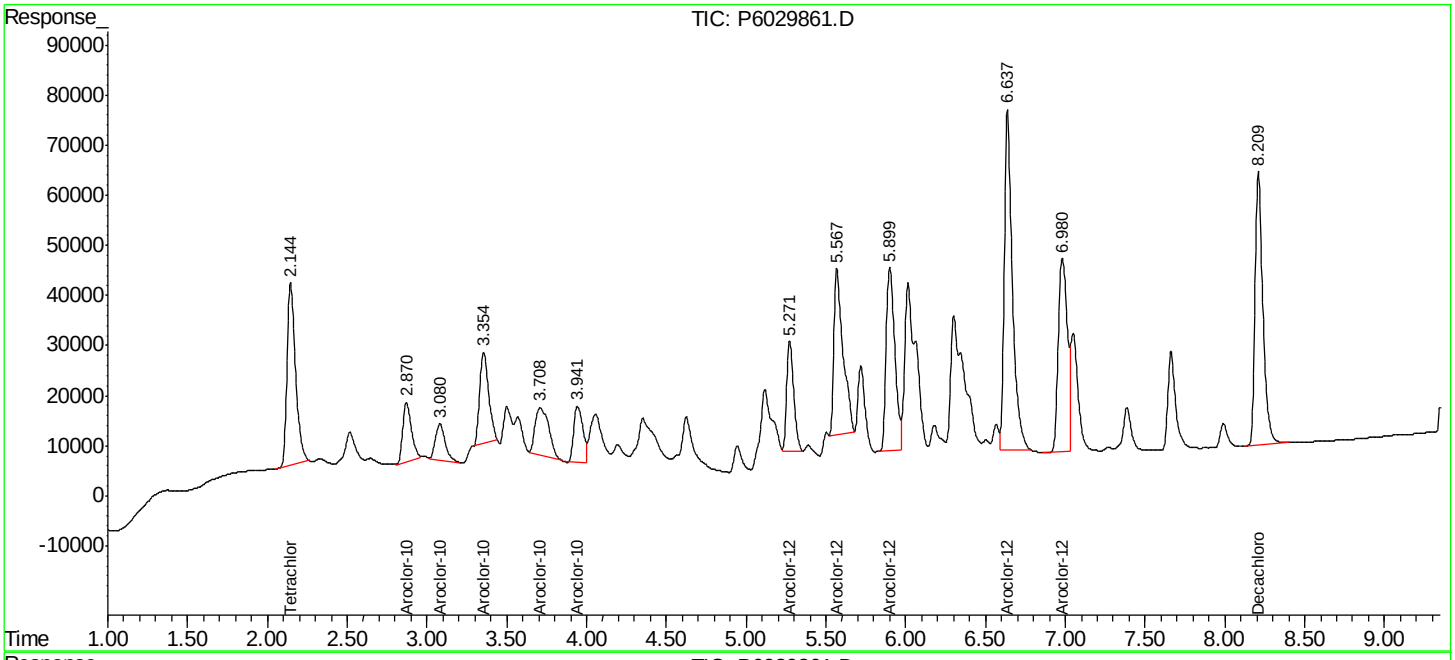
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

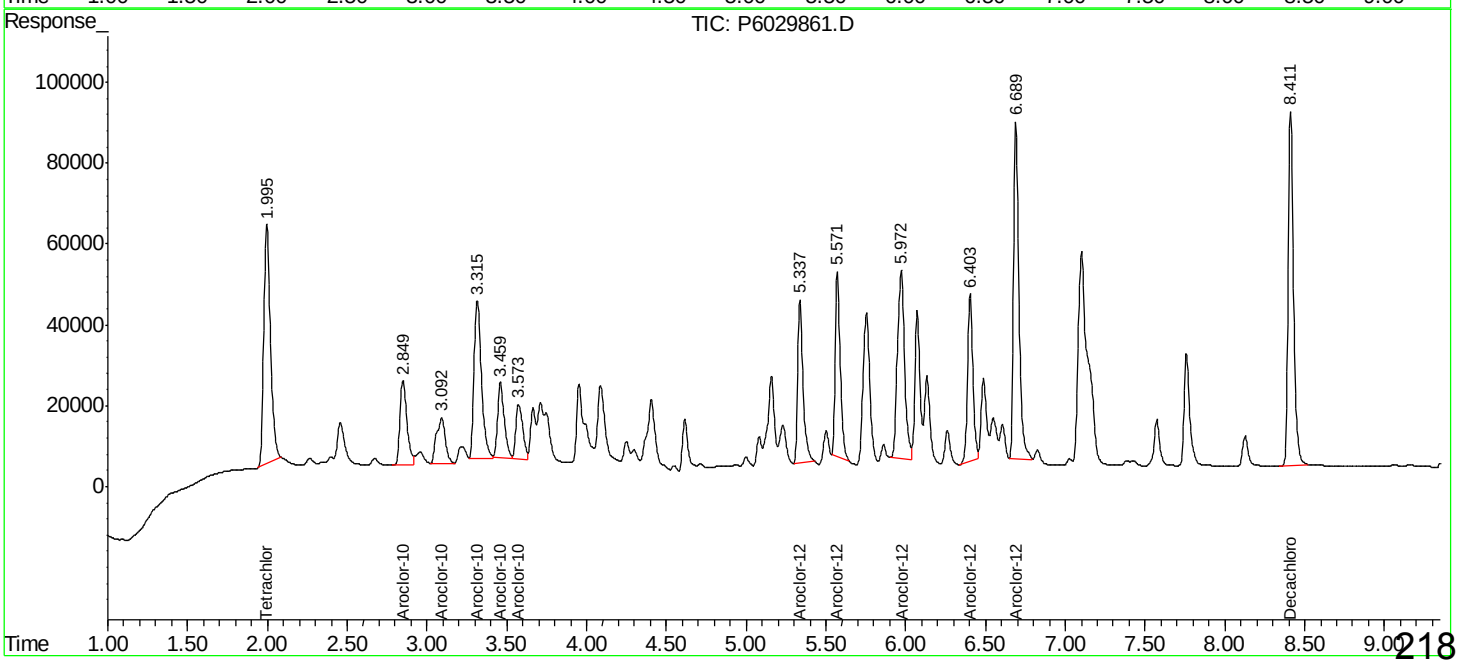
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 2:30
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:27:40 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



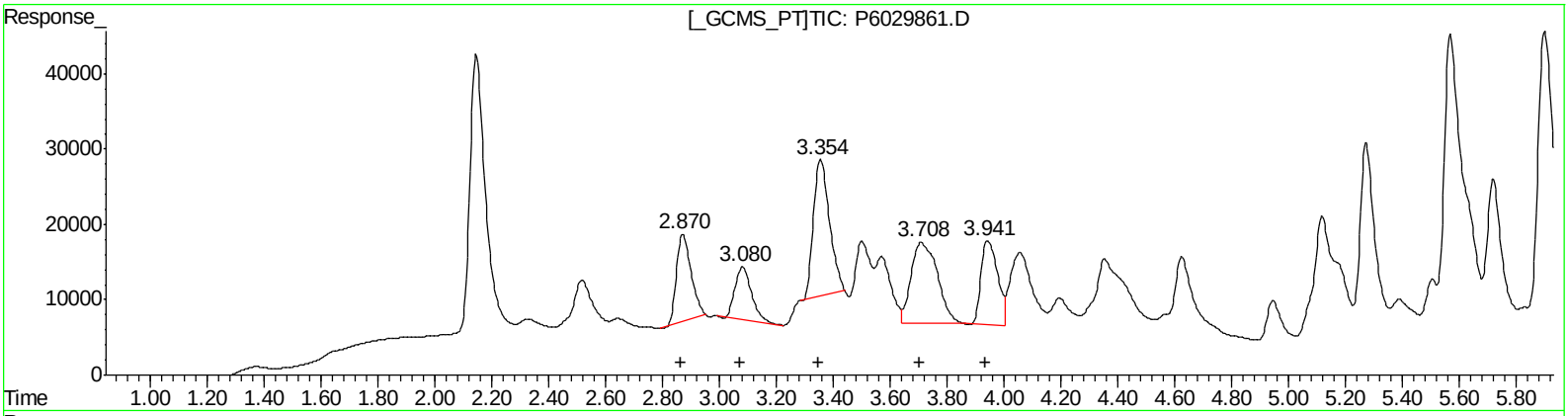


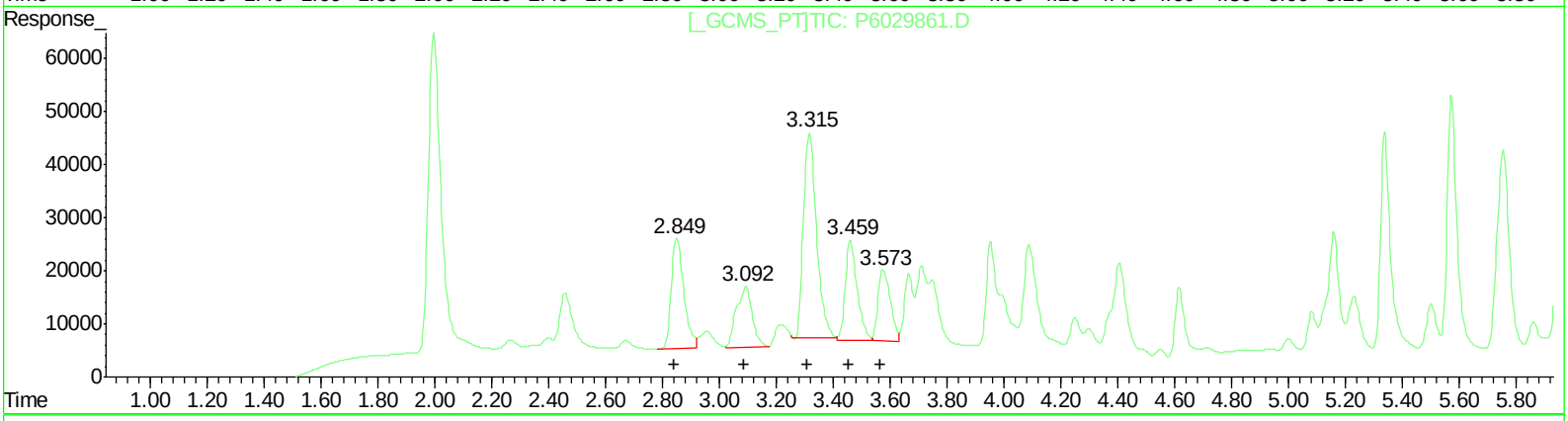
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   2:30
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 68   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:16:41 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	409917	926.38
3.08	281003	983.25
3.36	714274	1016.49
3.71	565464	1021.38
3.94	449925	951.74

(3) Aroclor-1016-1 #2 (L1)

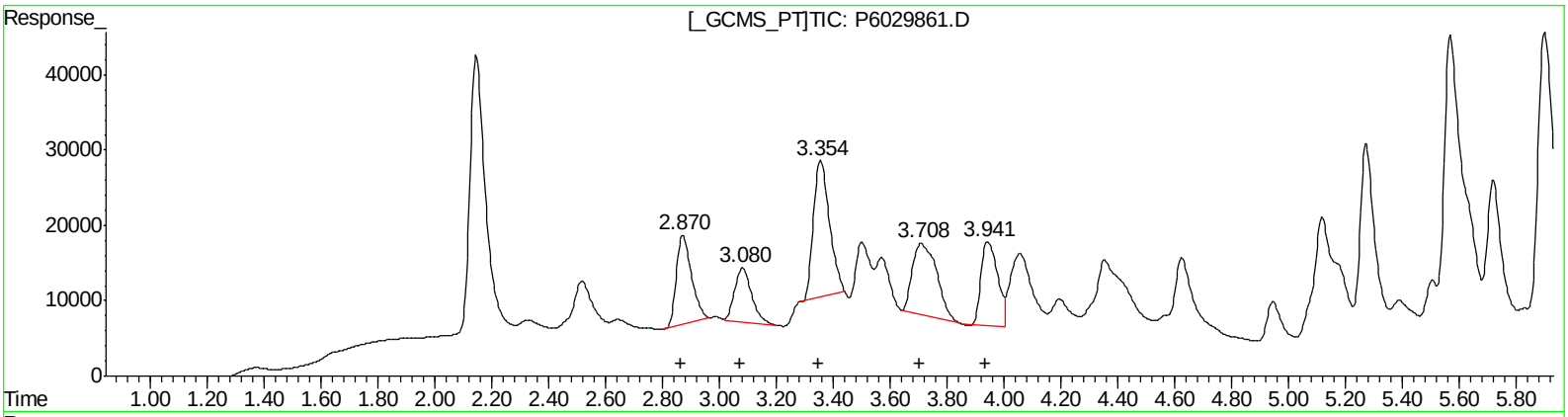
R.T.	Response	Conc
2.85	635434	1060.95
3.09	436897	1089.75
3.32	1211803	1074.22
3.46	529427	964.95
3.58	406319	1037.44

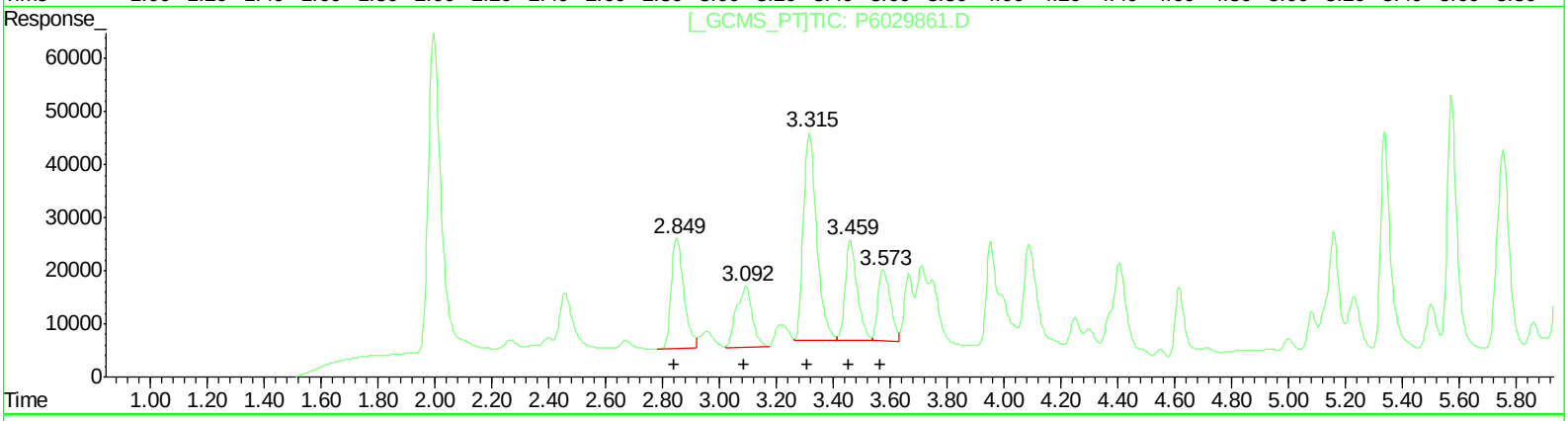
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   2:30
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 68   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:16:41 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	437528	988.78
3.08	305866	1070.24
3.36	714274	1016.49
3.71	567638	1025.31
3.94	449925	951.74

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.85	635434	1060.95
3.09	436897	1089.75
3.32	1267206	1123.33
3.46	529427	964.95
3.58	406319	1037.44

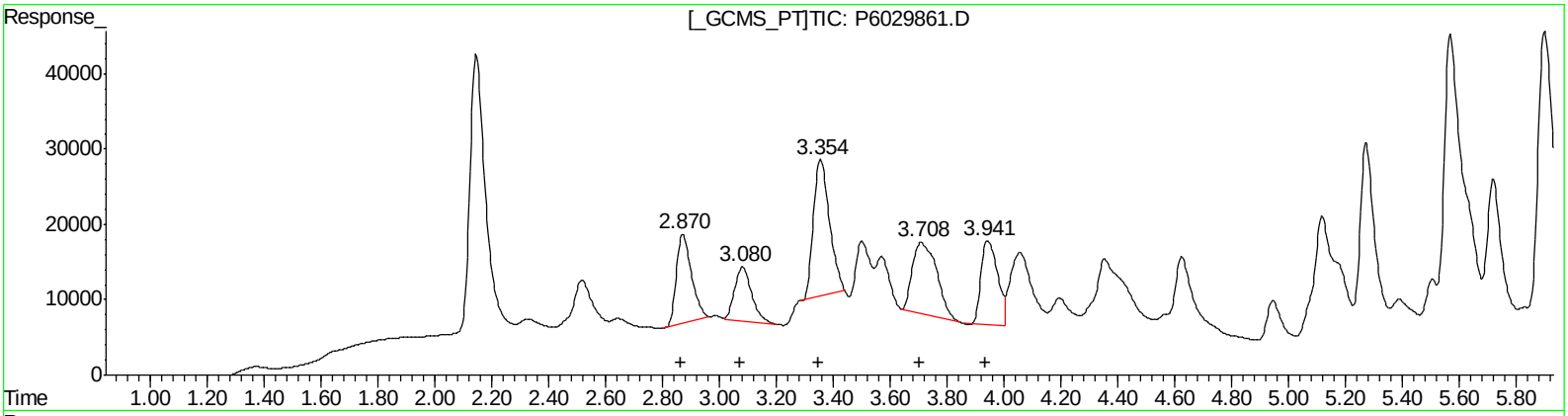
(+) = Expected Retention Time
P6081009.M Wed Aug 12 07:18:50 2009 GC/MS

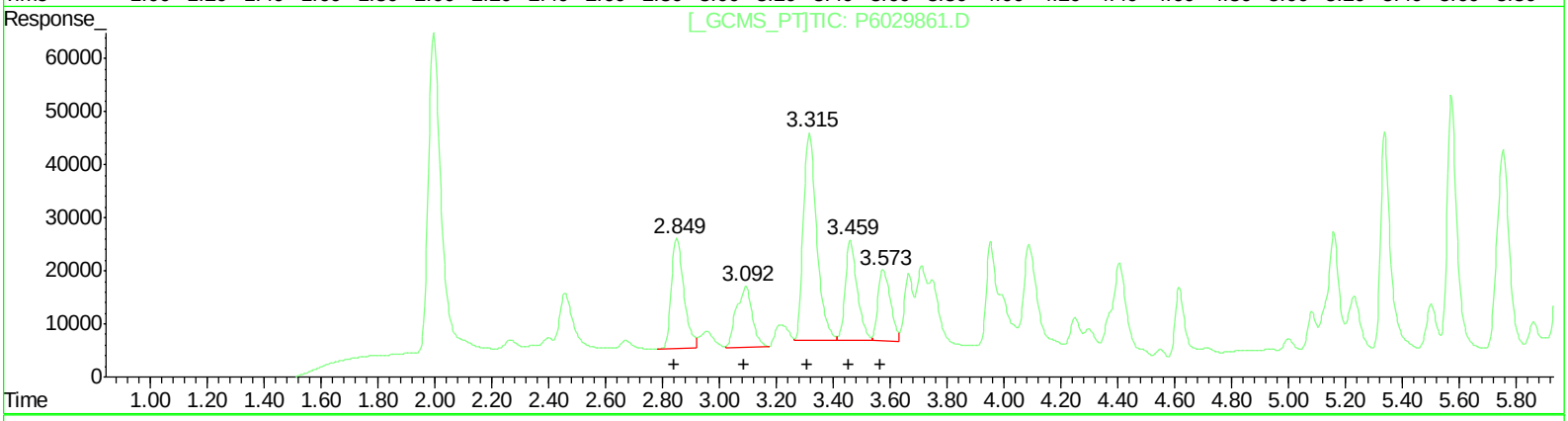
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   2:30
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 68   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:18:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	437528	988.78
3.08	305866	1070.24
3.36	714274	1016.49
3.71	567638	1025.31
3.94	449925	951.74

(3) Aroclor-1016-1 #2 (L1)

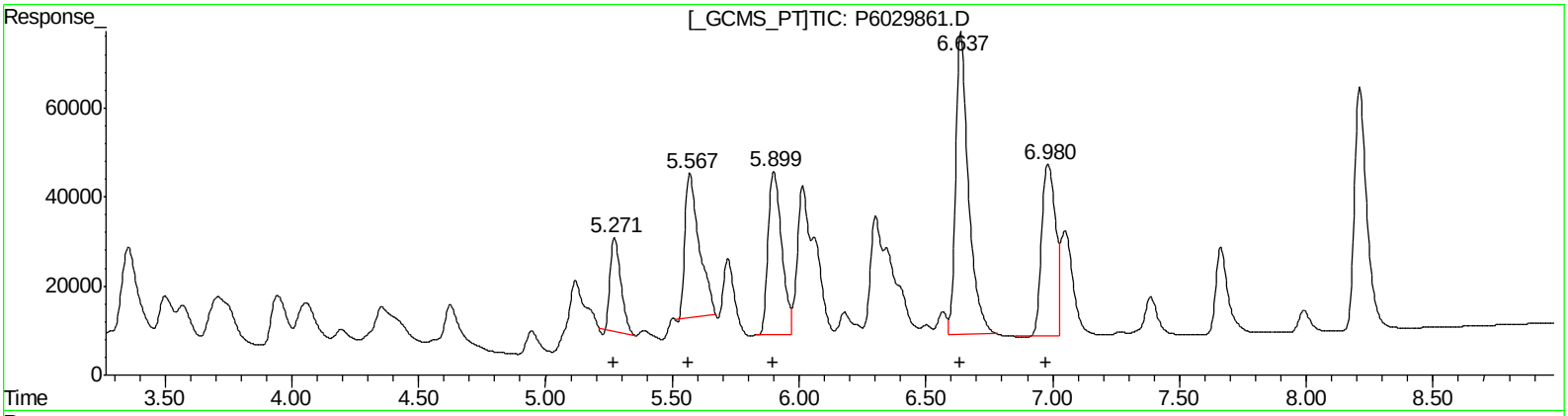
R.T.	Response	Conc
2.85	635434	1060.95
3.09	436897	1089.75
3.32	1267206	1123.33
3.46	529427	964.95
3.58	406319	1037.44

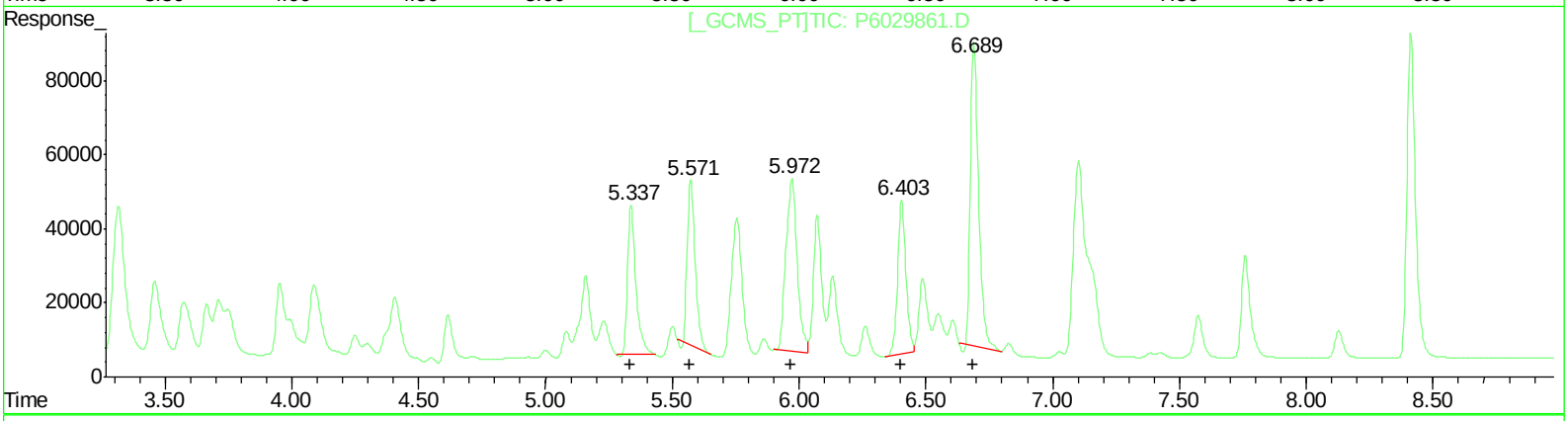
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   2:30
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 68   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:18:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.27	613608	917.96
5.57	1247851	948.48
5.90	1382667	994.80
6.64	2395912	970.51
6.98	1495992	970.32

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	914350	1043.75
5.57	939397	1025.13
5.97	1441386	1065.19
6.41	943203	1077.64
6.69	1842442	1071.09

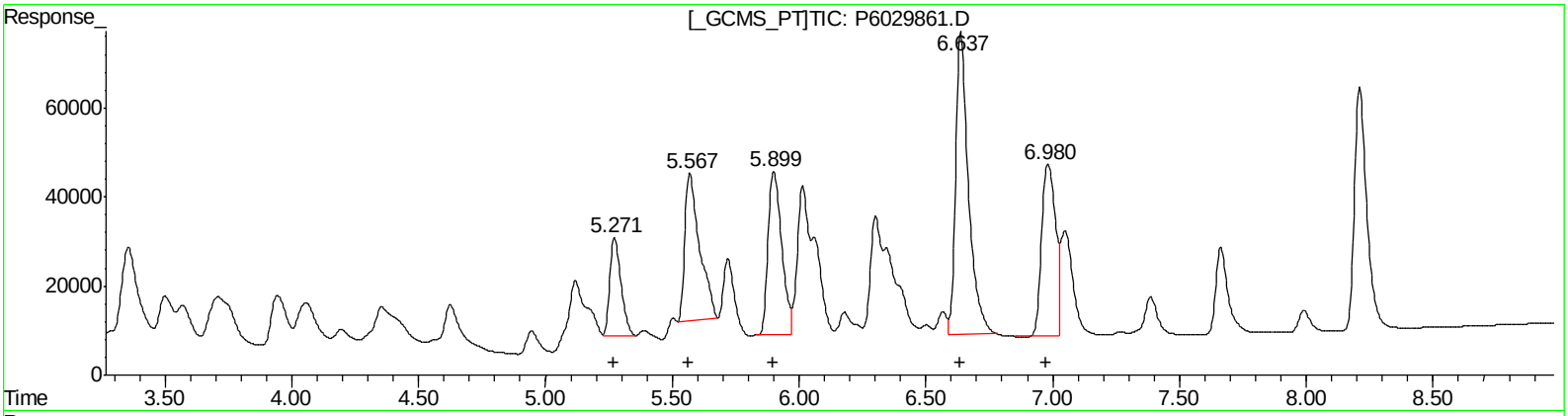
(+) = Expected Retention Time
P6081009.M Wed Aug 12 07:25:37 2009 GC/MS

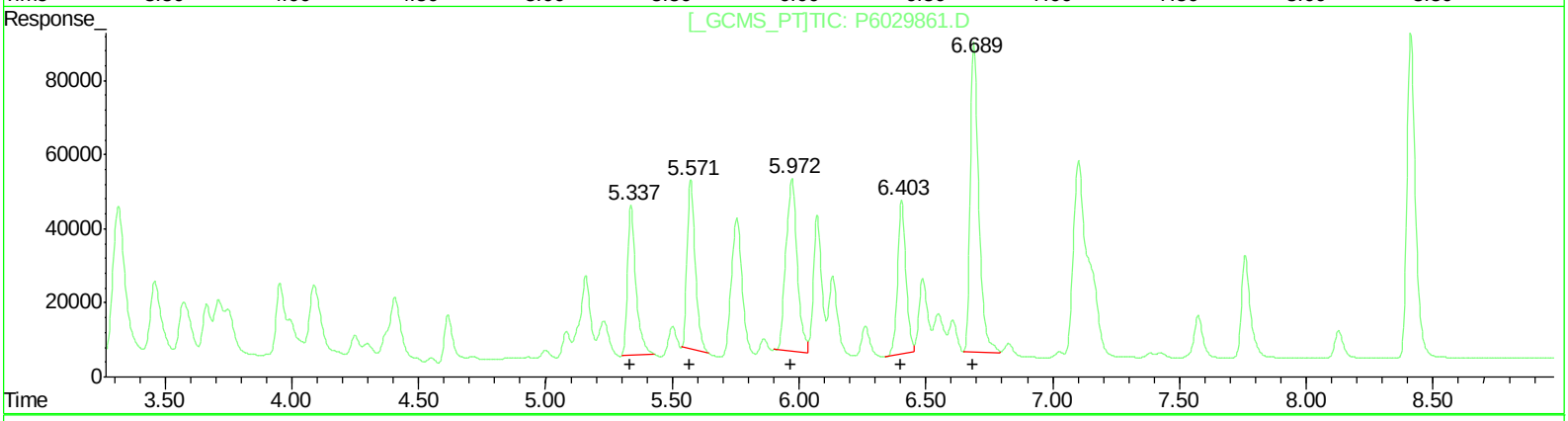
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   2:30
Operator : BI
Sample   : 1660 1000
Misc   :
ALS Vial : 68   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:18:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.27	680704	1018.34
5.57	1332443	1012.78
5.90	1382667	994.80
6.64	2395912	970.51
6.98	1495992	970.32

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	926941	1058.13
5.57	1003838	1095.45
5.97	1441386	1065.19
6.41	943203	1077.64
6.69	1960277	1139.59

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 2:30
Operator : BI
Sample : 1660 1000
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:27:40 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.146	1.997	1343547	1740837	104.785	117.639
2) SA	Decachlor...	8.211	8.413	1855010	2034844	94.275	95.608
	Target Compounds						
3) L1	Aroclor-1...	2.870	2.850	437528	635434	988.778m	1060.953
4) L1	Aroclor-1...	3.080	3.093	305866	436897	1070.242m	1089.747
5) L1	Aroclor-1...	3.356	3.315	714274	1267206	1016.491	1123.331m
6) L1	Aroclor-1...	3.708	3.461	567638	529427	1025.308m	964.951
7) L1	Aroclor-1...	3.943	3.576	449925	406319	951.737	1037.439
31) L7	Aroclor-1...	5.271	5.337	680704	926941	1018.339m	1058.127m
32) L7	Aroclor-1...	5.567	5.571	1332443	1003838	1012.777m	1095.455m
33) L7	Aroclor-1...	5.901	5.973	1382667	1441386	994.797	1065.190
34) L7	Aroclor-1...	6.639	6.405	2395912	943203	970.512	1077.636
35) L7	Aroclor-1...	6.982	6.689	1495992	1960277	970.318	1139.594m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB
RAW QC
DATA

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43878BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43878BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029625.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

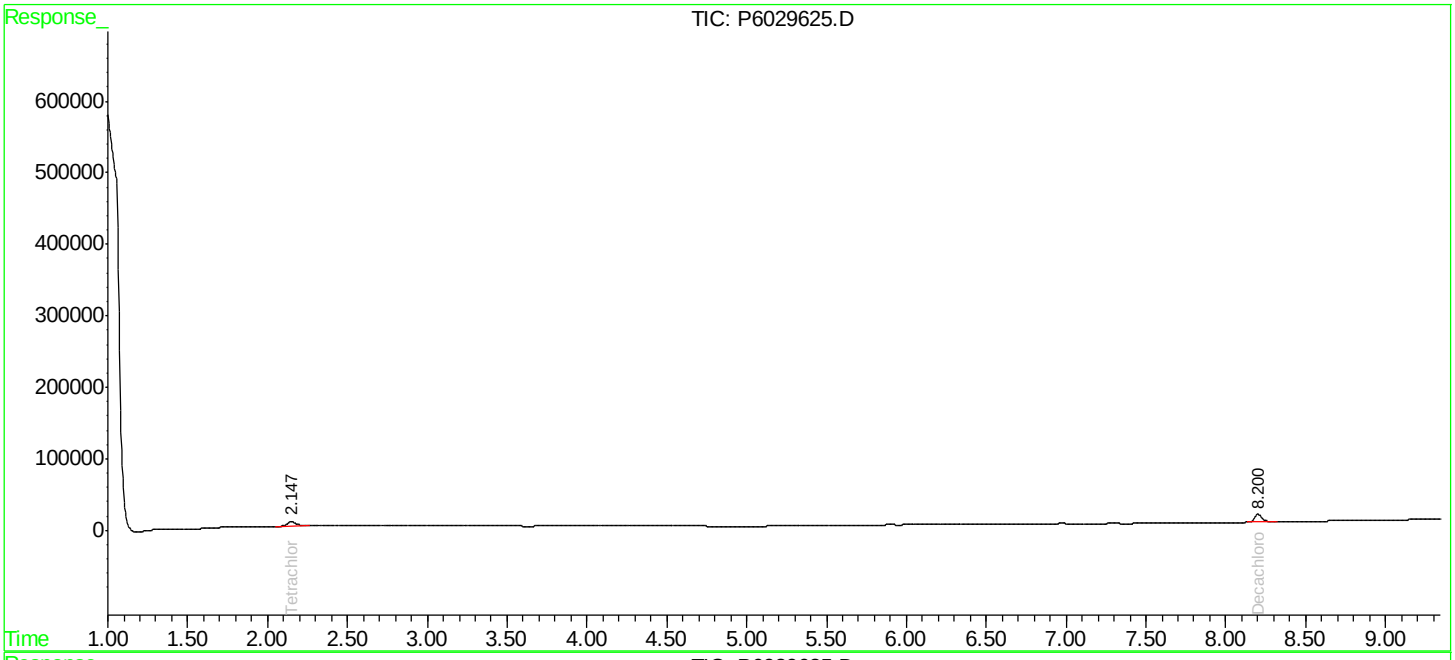
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

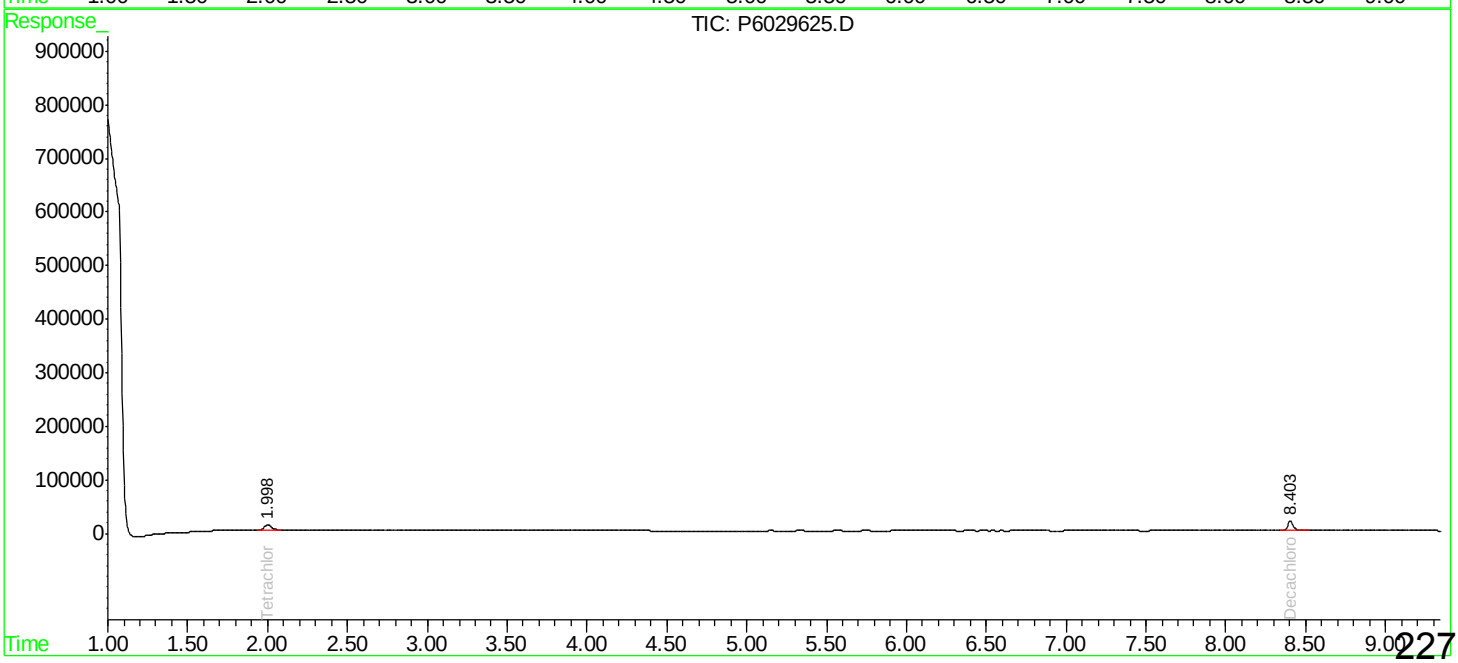
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:33
Operator : BI
Sample : PB43878BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:43:27 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:33
Operator : BI
Sample : PB43878BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:43:27 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	2.000	231297	297592	20.820	20.309
2)	SA Decachlor...	8.202	8.404	345998	419369	20.773	20.119
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43891BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43891BL

Sample wt/vol: 15 (g/mL) g Lab File ID: P6029705.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

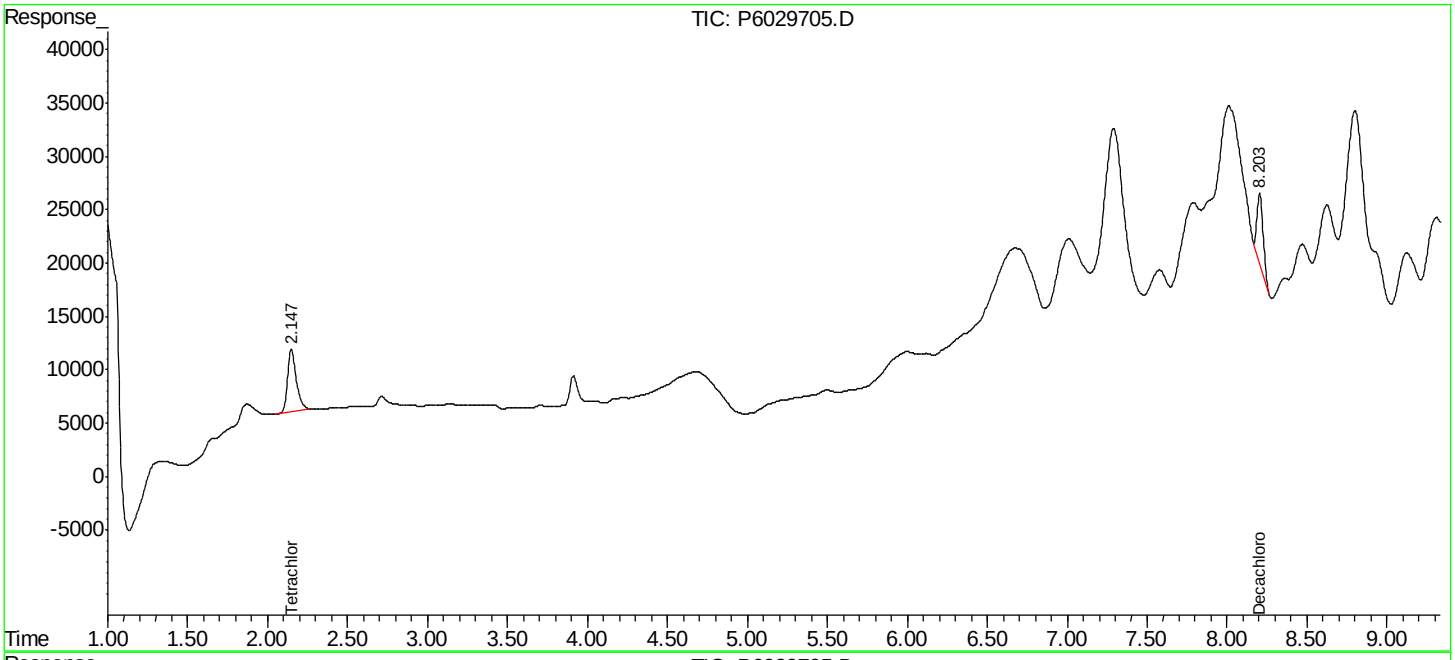
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	17	U
11104-28-2	AROCLOR 1221	17	U
11141-16-5	AROCLOR 1232	17	U
53469-21-9	AROCLOR 1242	17	U
12672-29-6	AROCLOR 1248	17	U
11097-69-1	AROCLOR 1254	17	U
11096-82-5	AROCLOR 1260	17	U

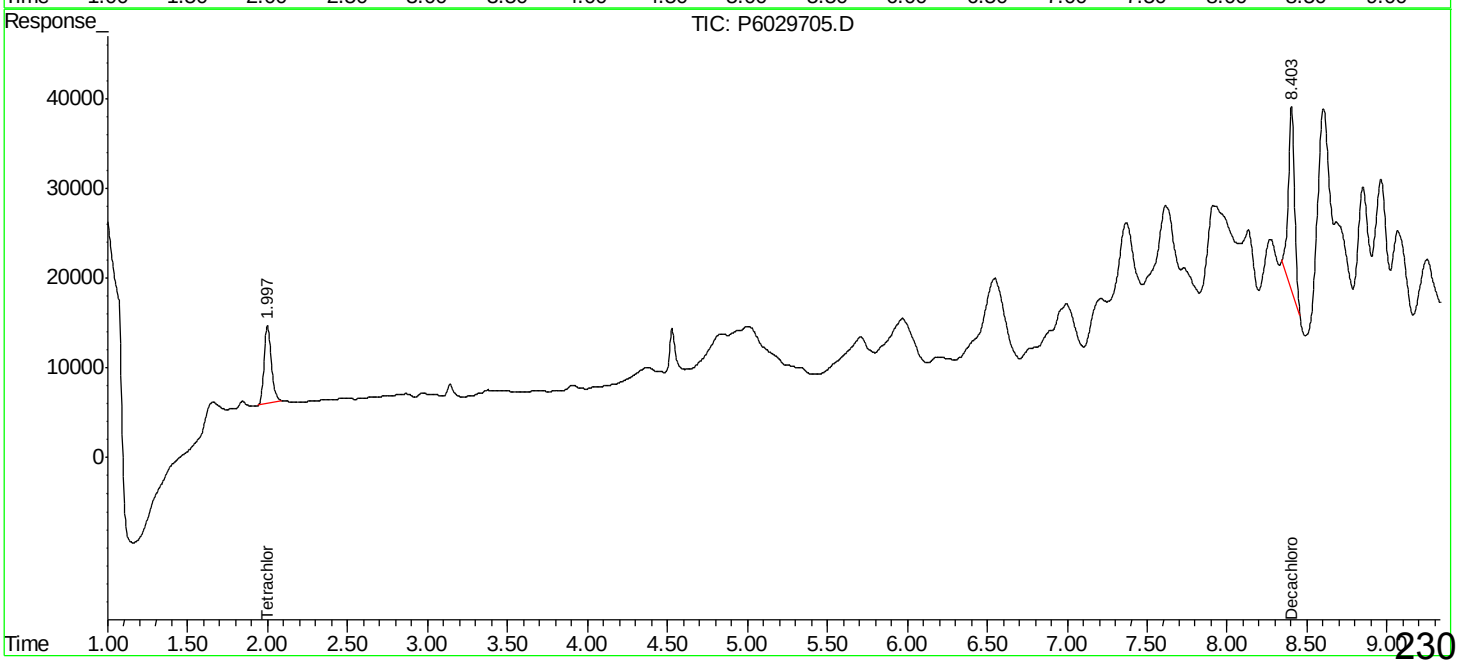
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 16:22
Operator : BI
Sample : PB43891BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:13:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



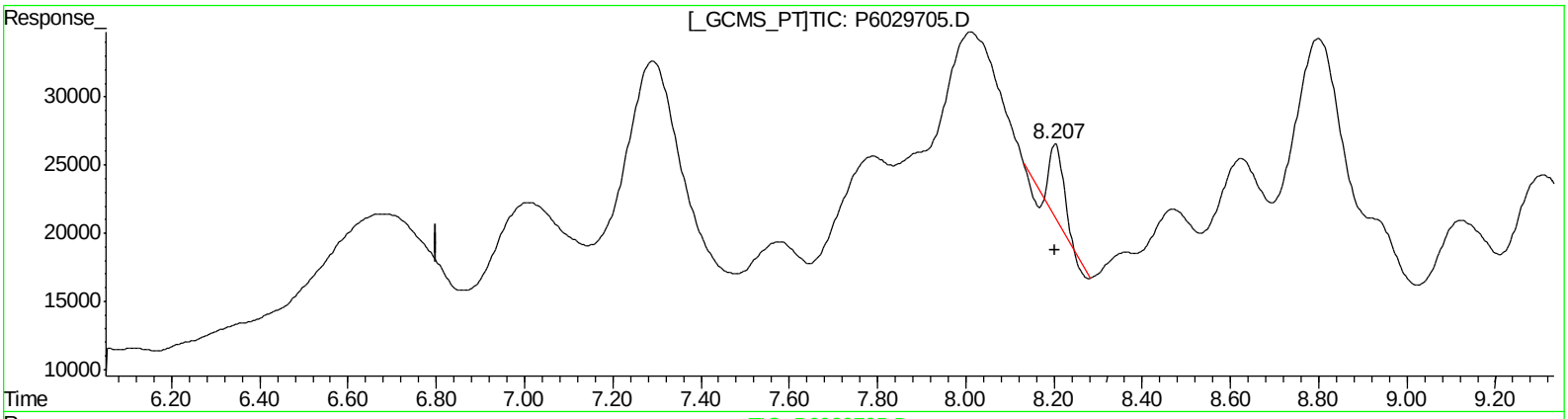


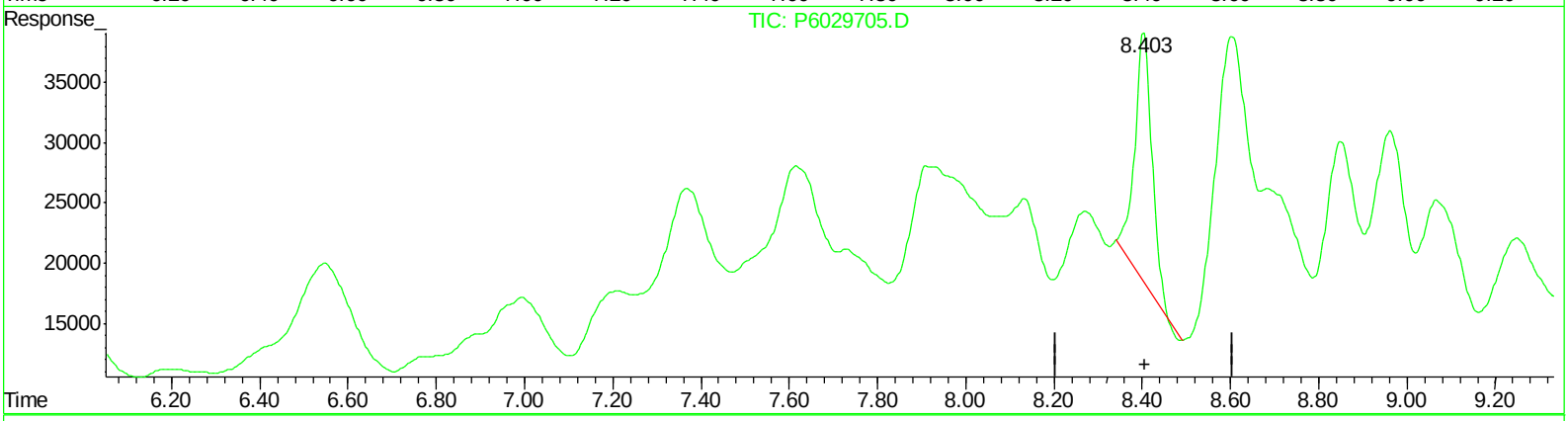
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 16:22
Operator : BI
Sample   : PB43891BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:05:02 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.204min 5.683 ng/ml

response 94656

(2) Decachlorobiphenyl #2 (SA)

8.404min 26.725 ng/ml

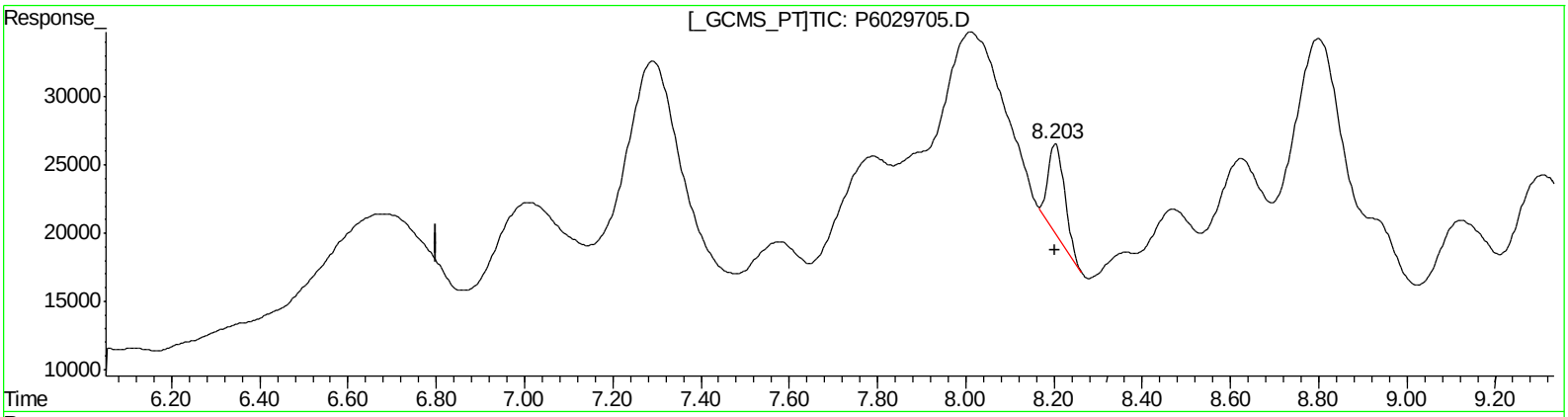
response 557065

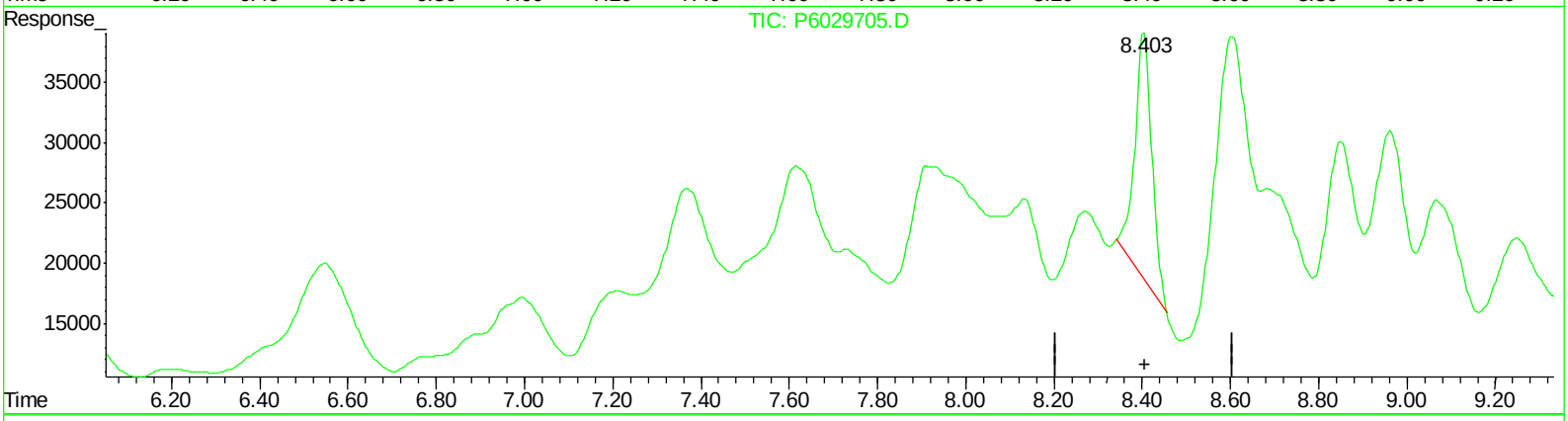
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 16:22
Operator : BI
Sample   : PB43891BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:05:02 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.203min 10.398 ng/ml m

response 173190

(2) Decachlorobiphenyl #2 (SA)

8.403min 26.235 ng/ml m

response 546839

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 16:22
Operator : BI
Sample : PB43891BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:13:51 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.149	1.998	221417	270229	19.930	18.442
2)	SA Decachlor...	8.203	8.403	173190	546839	10.398m	26.235m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK01

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6028230.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 7/8/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

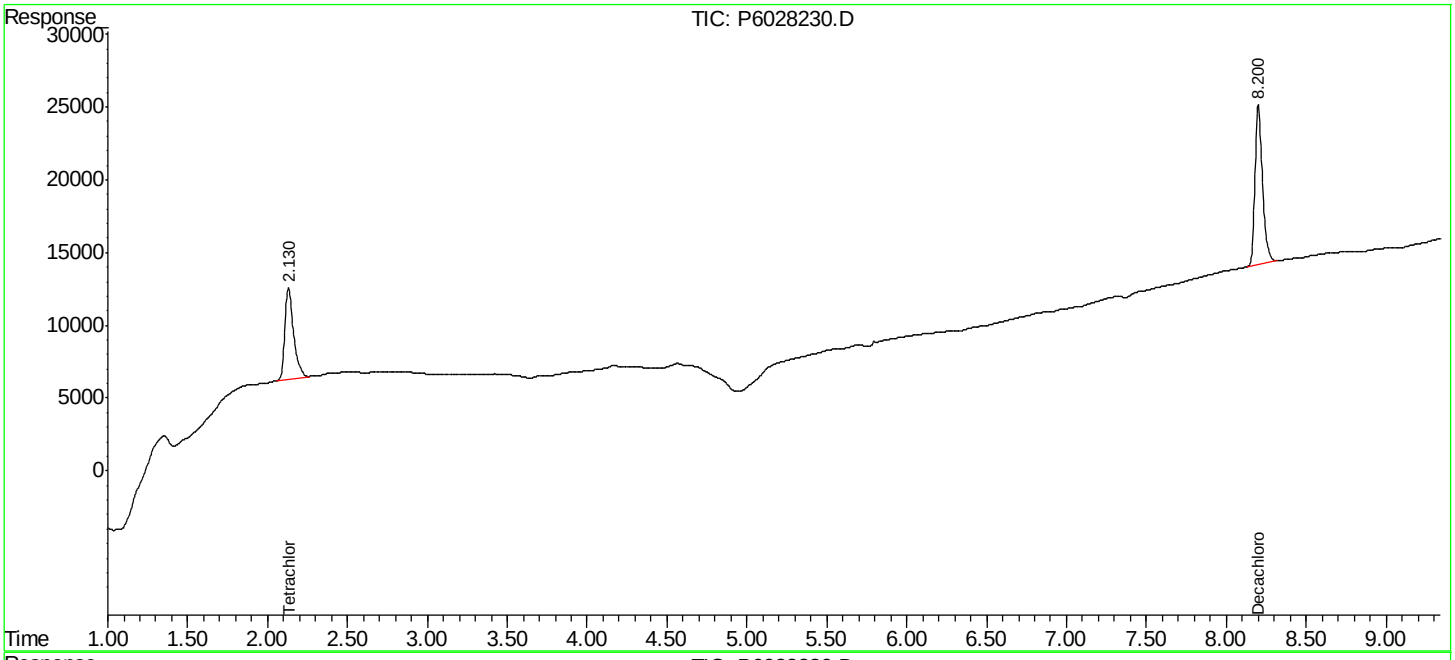
GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

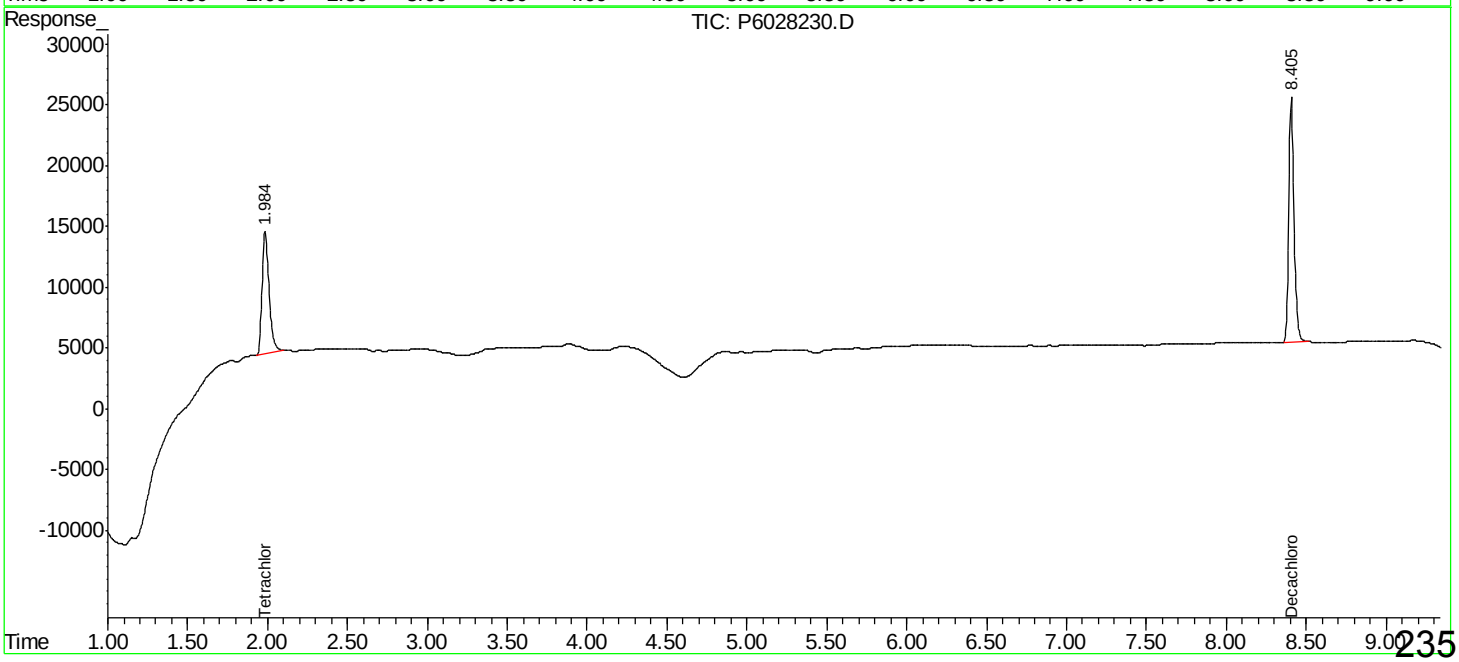
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028230.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:19
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:31:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6070809\
Data File : P6028230.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Jul 2009 12:19
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 17:31:15 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.132	1.986	237388	308133	21.368	21.029
2) SA	Decachlor...	8.201	8.407	356512	471555	21.405	22.623
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK02

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029610.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

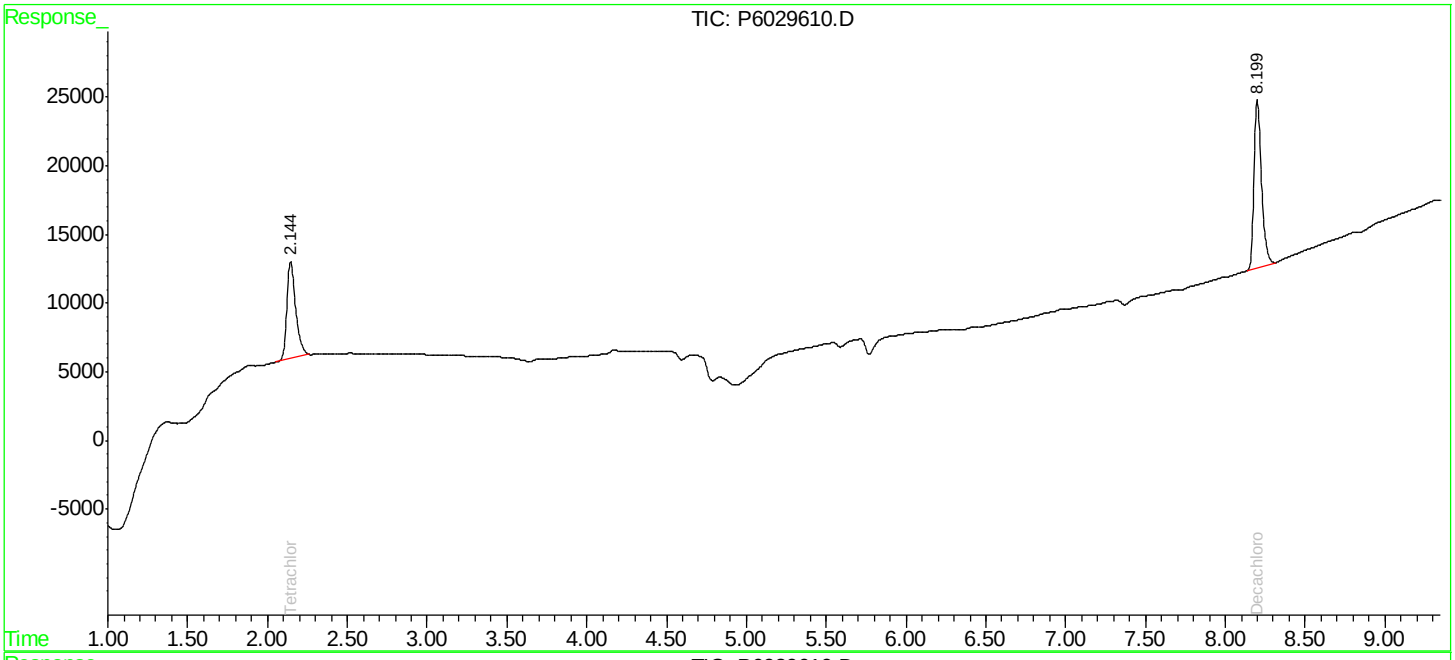
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

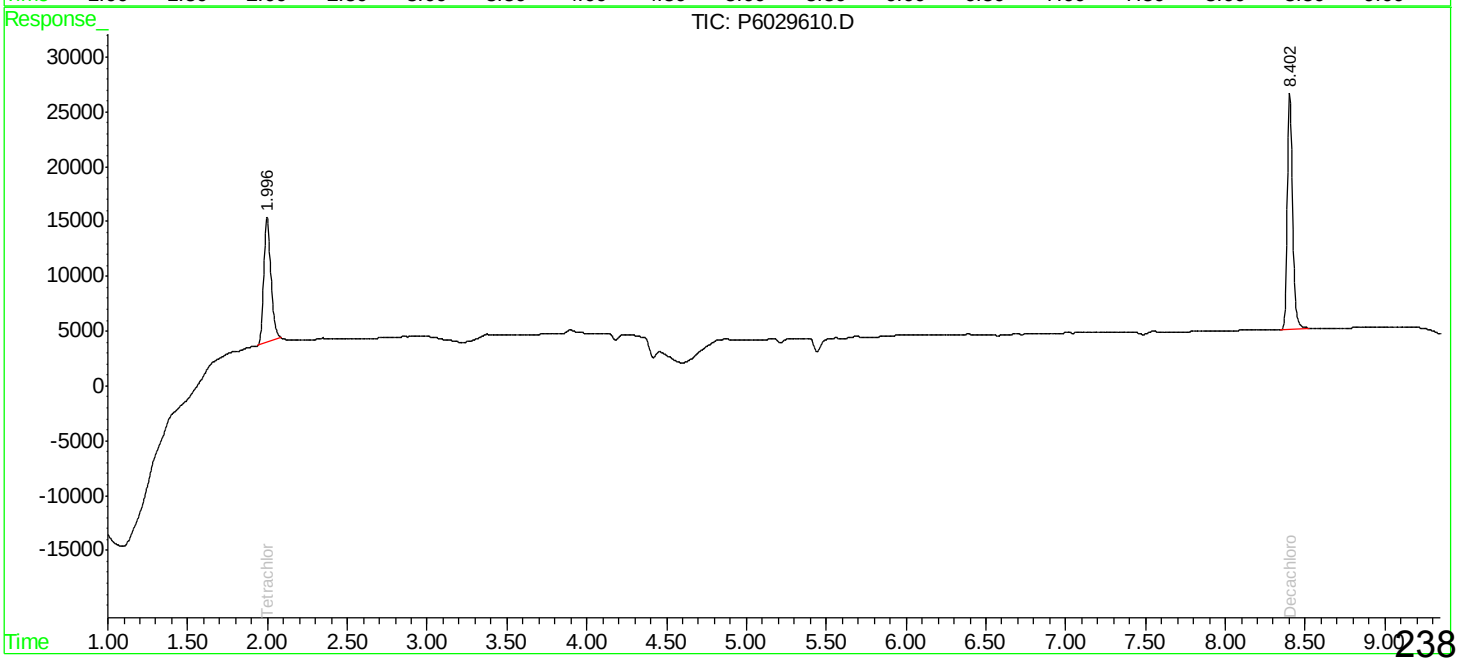
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029610.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 11:05
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:49:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029610.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 11:05
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:49:38 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	1.998	271282	352997	24.419	24.091
2)	SA Decachlor...	8.201	8.404	402759	495249	24.181	23.760
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK03

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029623.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

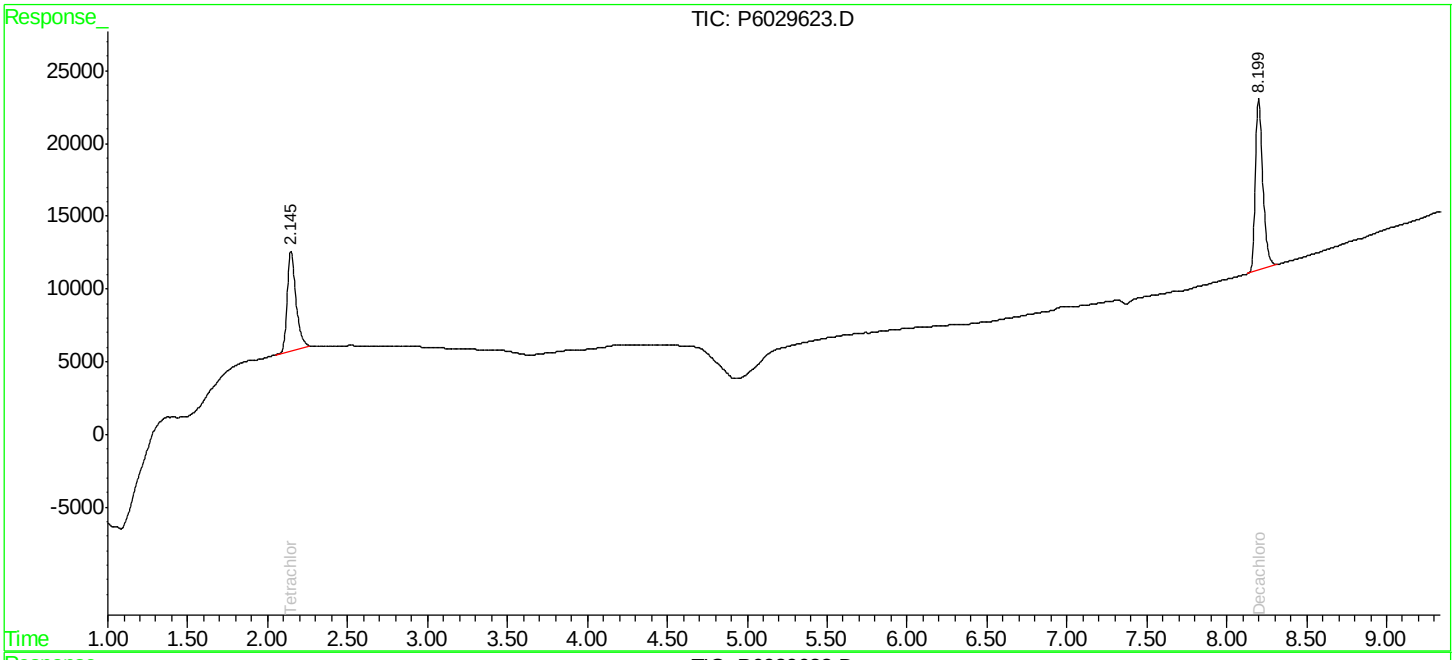
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

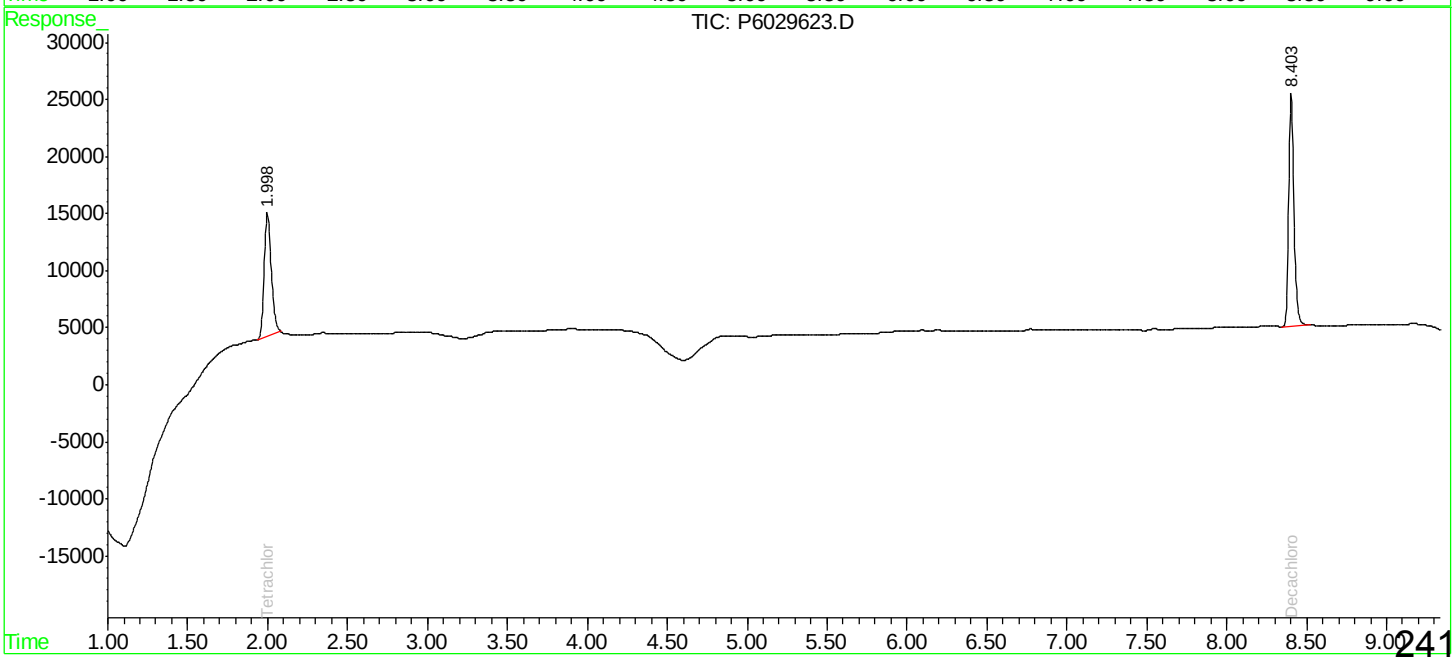
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:07
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:36:48 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:07
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:36:48 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	259983	334607	23.402	22.836
2)	SA Decachlor...	8.201	8.404	383565	462062	23.029	22.168
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK04

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029636.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

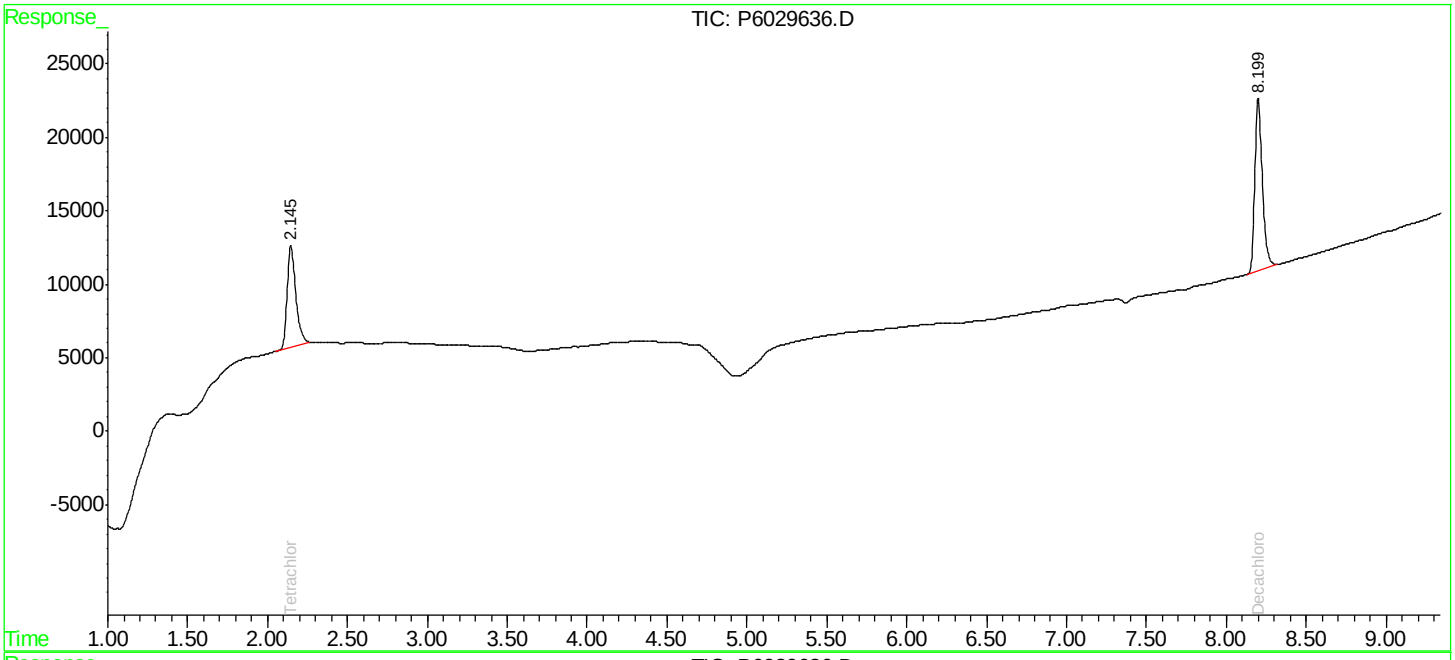
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

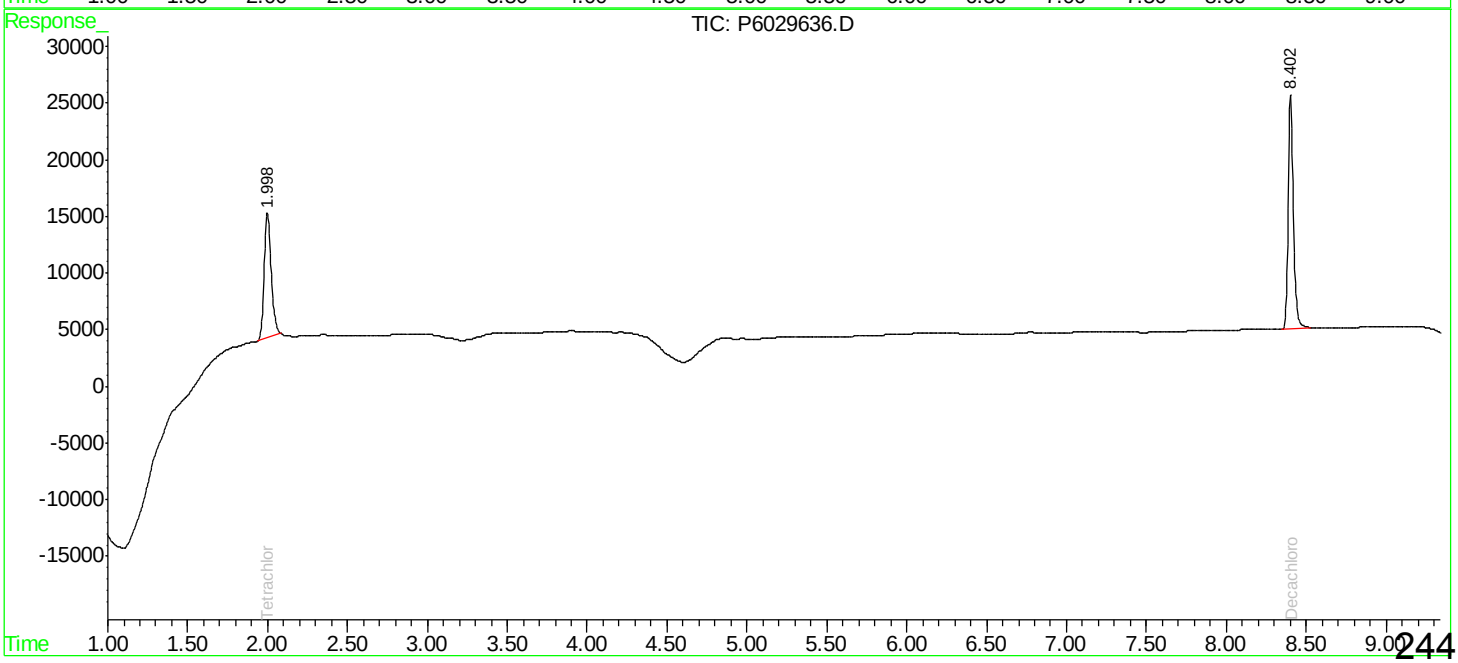
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029636.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 18:57
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:06:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029636.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 18:57
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 04:06:07 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.146	2.000	261719	336609	23.558	22.972
2)	SA Decachlor...	8.201	8.403	381891	472876	22.928	22.686
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK05

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029702.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

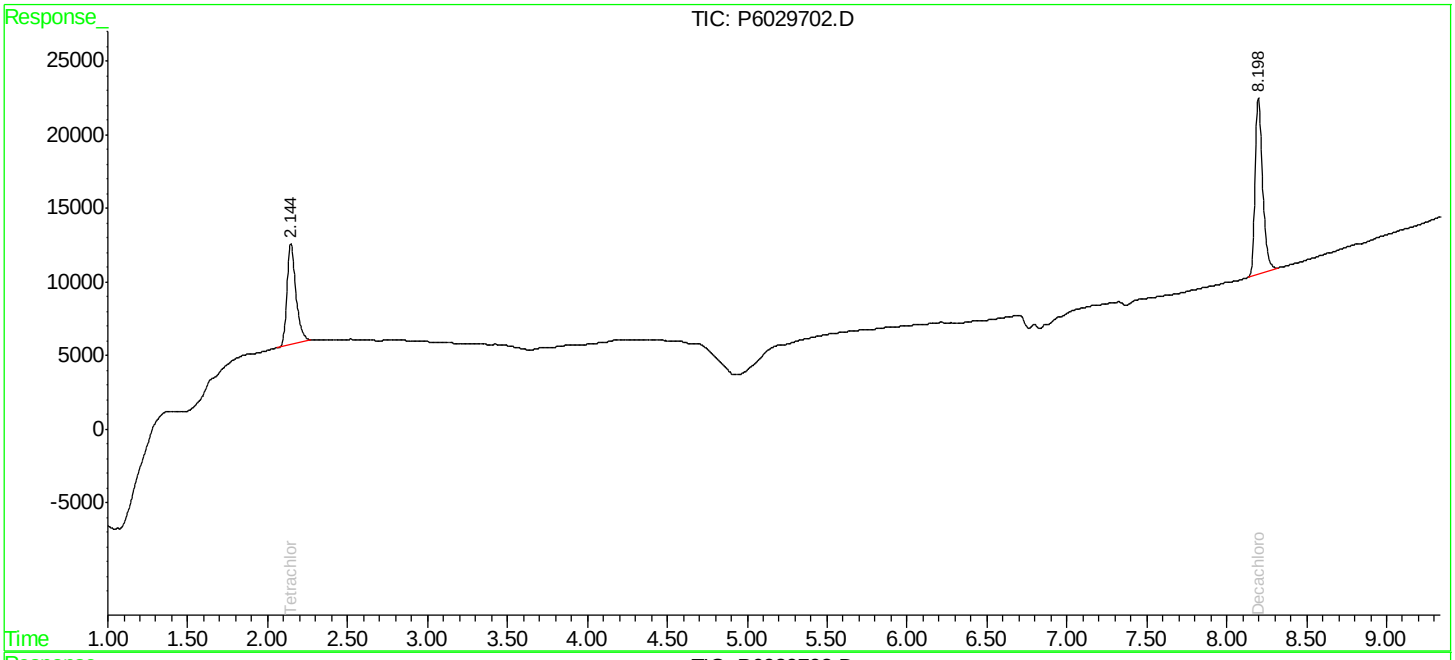
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

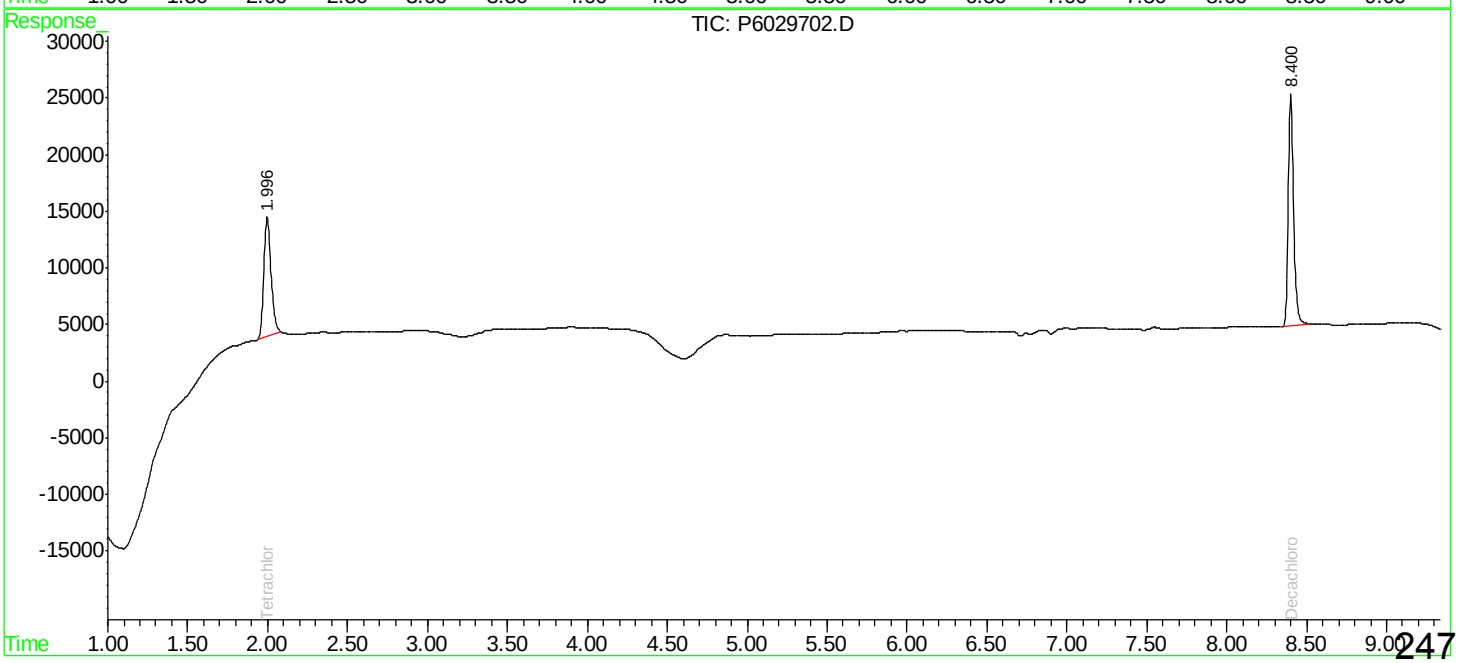
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029702.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 14:39
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:10:28 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029702.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 14:39
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:10:28 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	2.146	1.998	266041	329534	23.947	22.489
2) SA Decachlor...	8.201	8.402	391742	471264	23.520	22.609
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK06

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029716.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

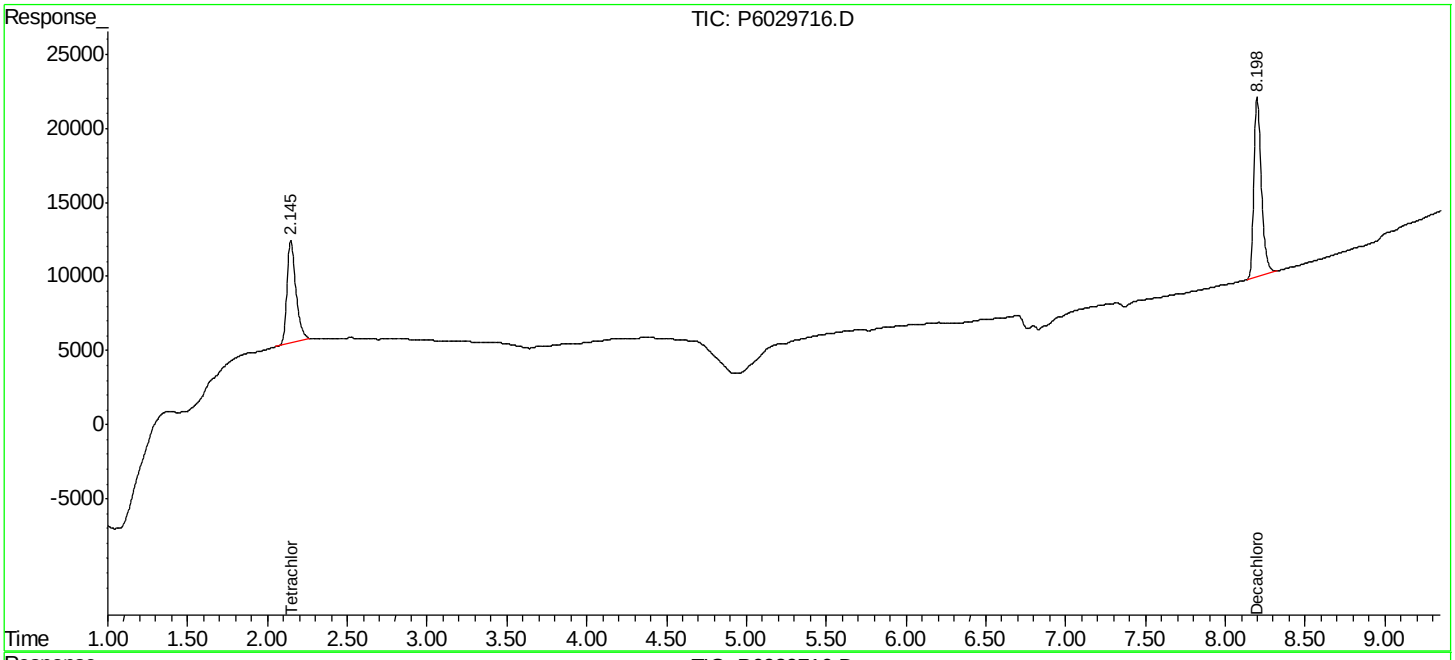
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

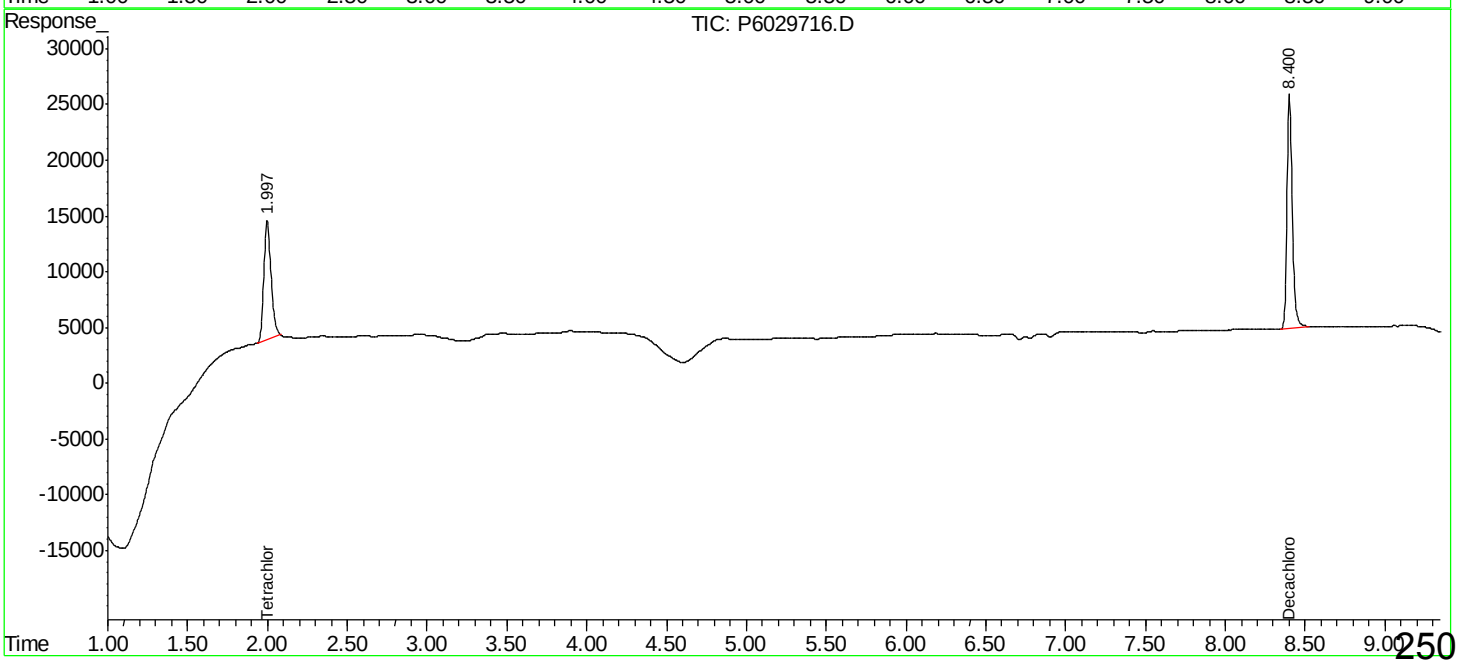
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029716.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:46
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:14:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029716.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 18:46
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 05:14:39 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	267385	334319	24.068	22.816
2)	SA Decachlor...	8.200	8.402	396856	480672	23.827	23.060
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK07

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029730.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

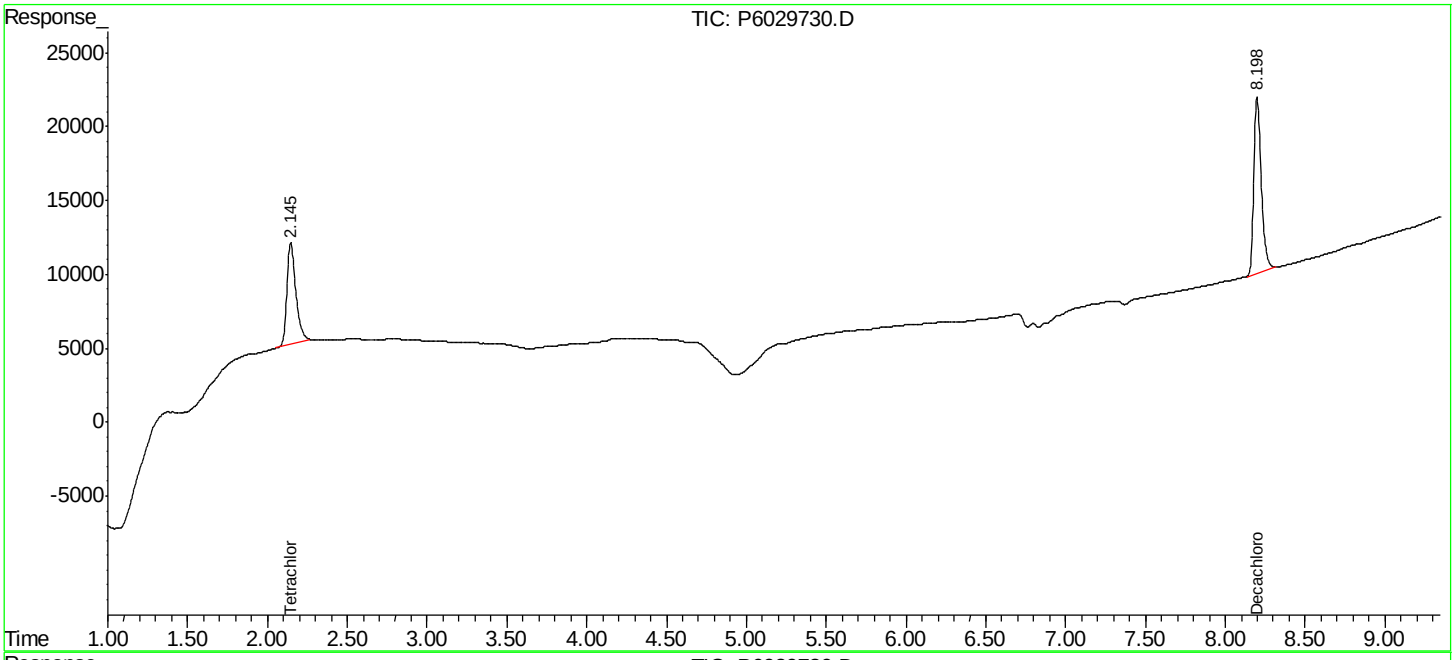
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

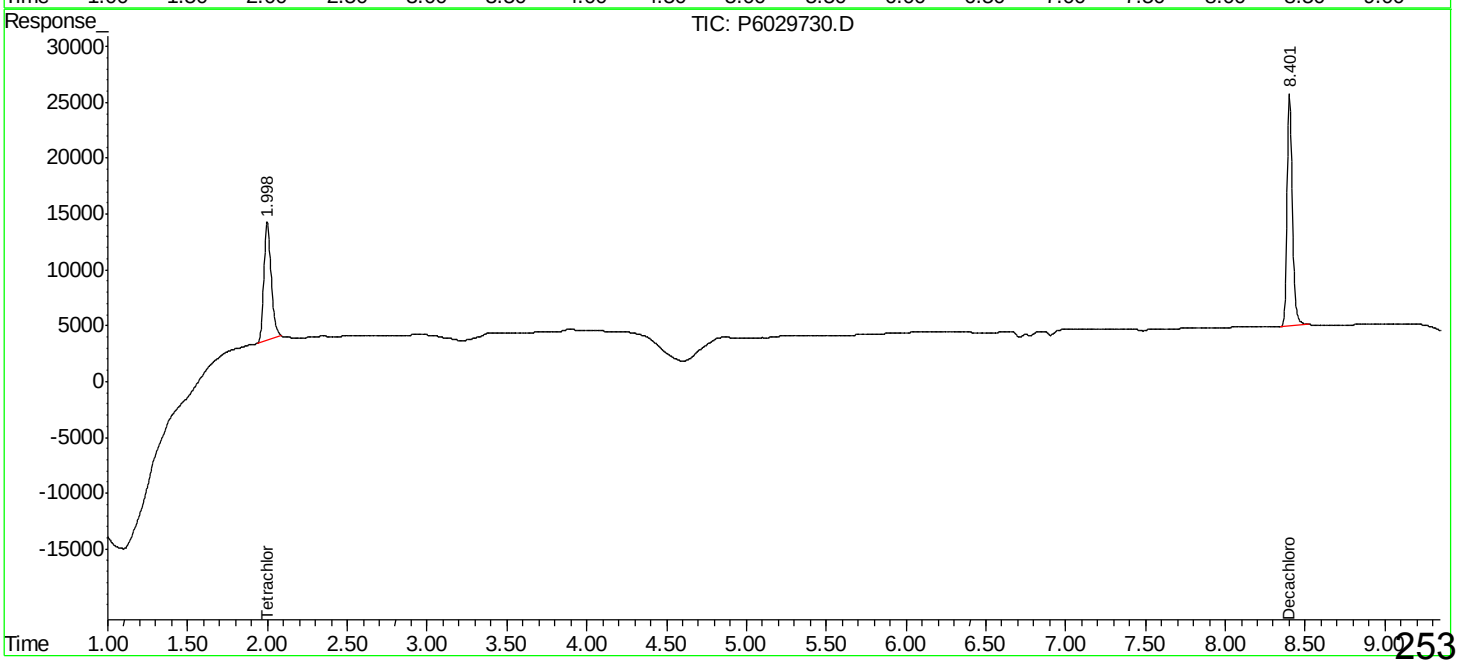
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029730.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 21:48
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:41:02 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029730.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 21:48
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 06:41:02 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	267138	332452	24.046	22.689
2)	SA Decachlor...	8.201	8.402	389825	481204	23.405	23.086
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK08

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029745.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/8/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

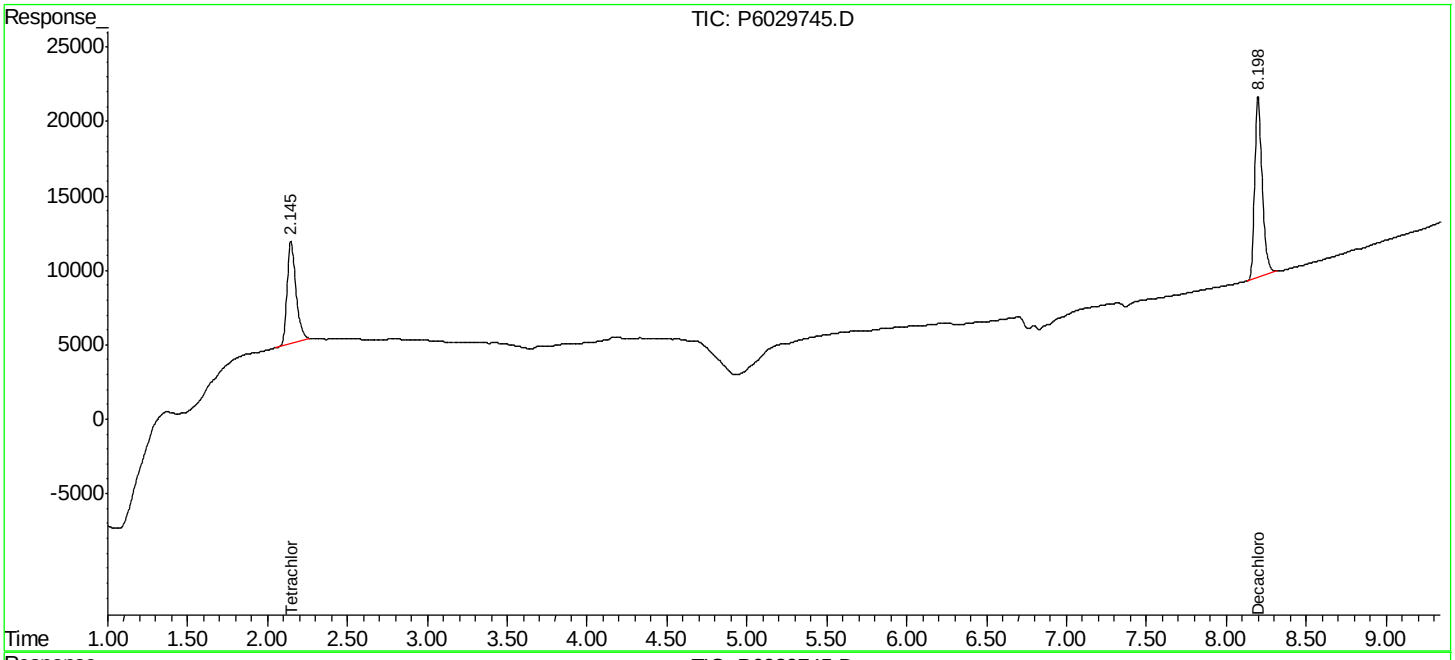
GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

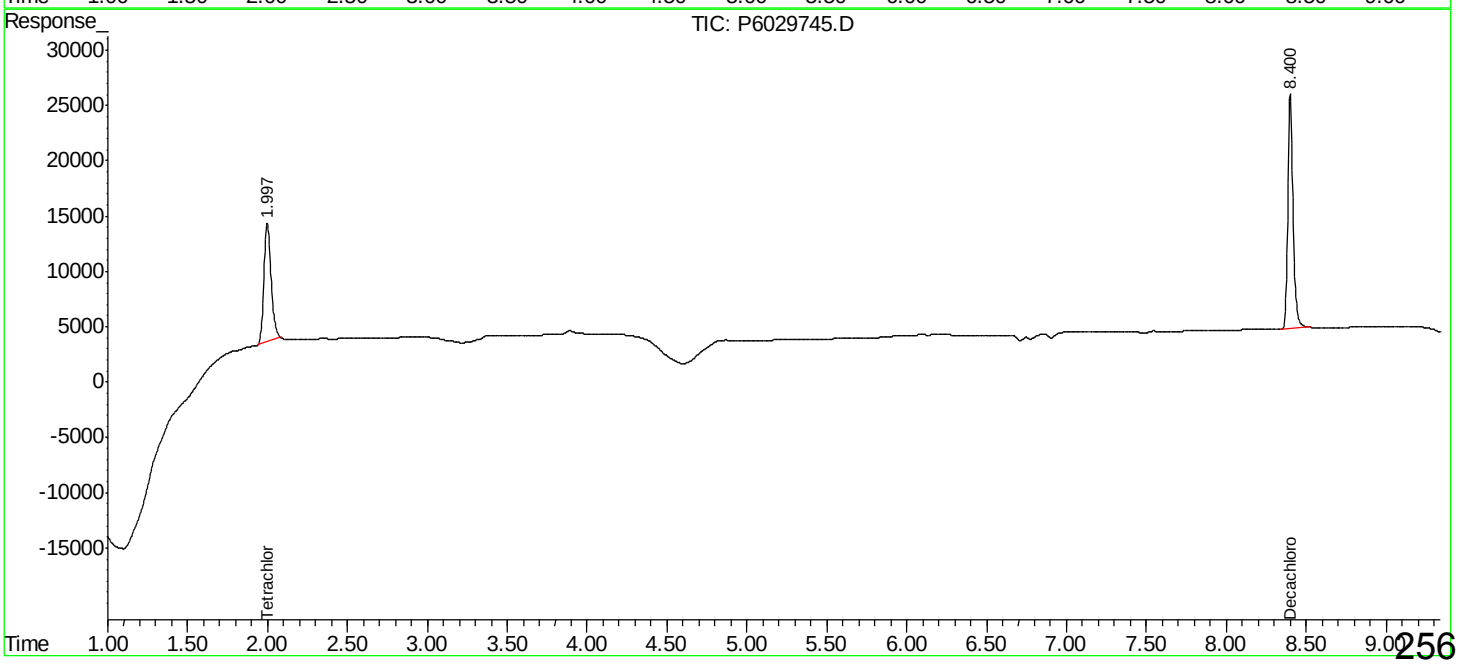
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029745.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Aug 2009 1:04
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:39:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029745.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 8 Aug 2009 1:04
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 07:39:46 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.147	1.999	266176	335858	23.959	22.921
2)	SA Decachlor...	8.200	8.401	395669	490864	23.756	23.549
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK09

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029761.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

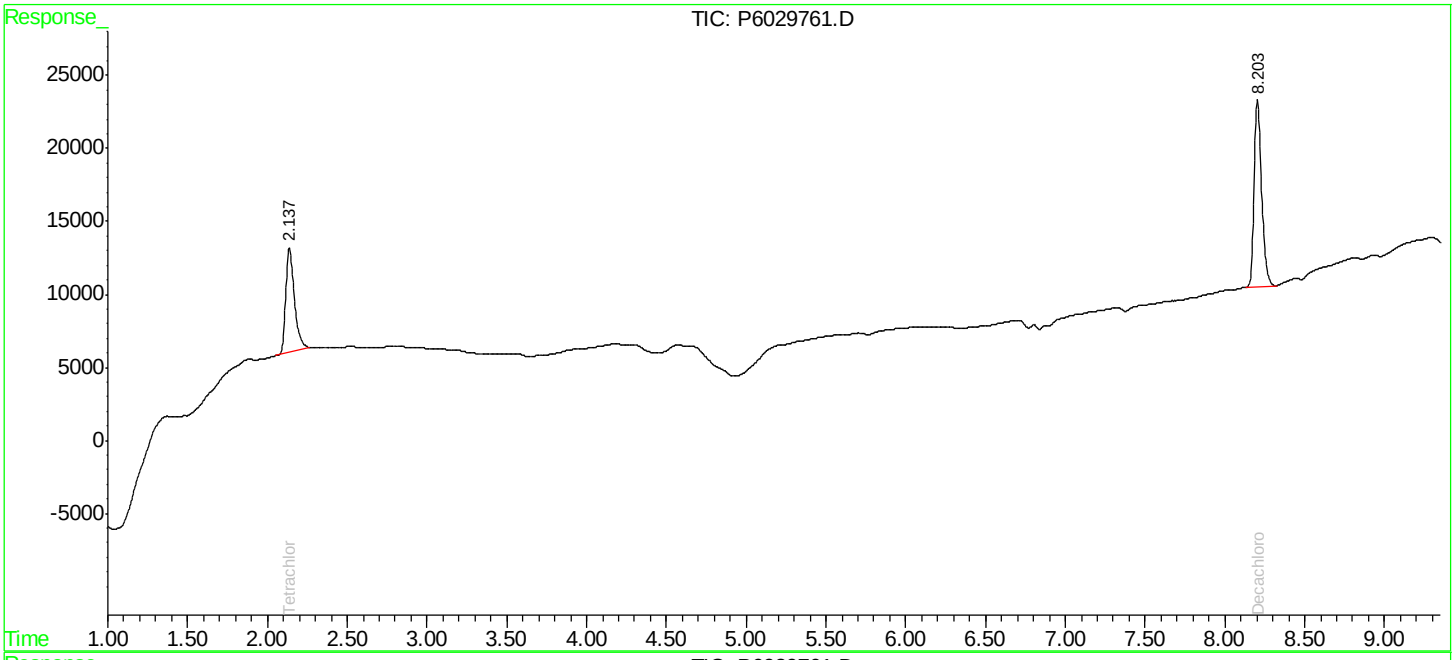
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

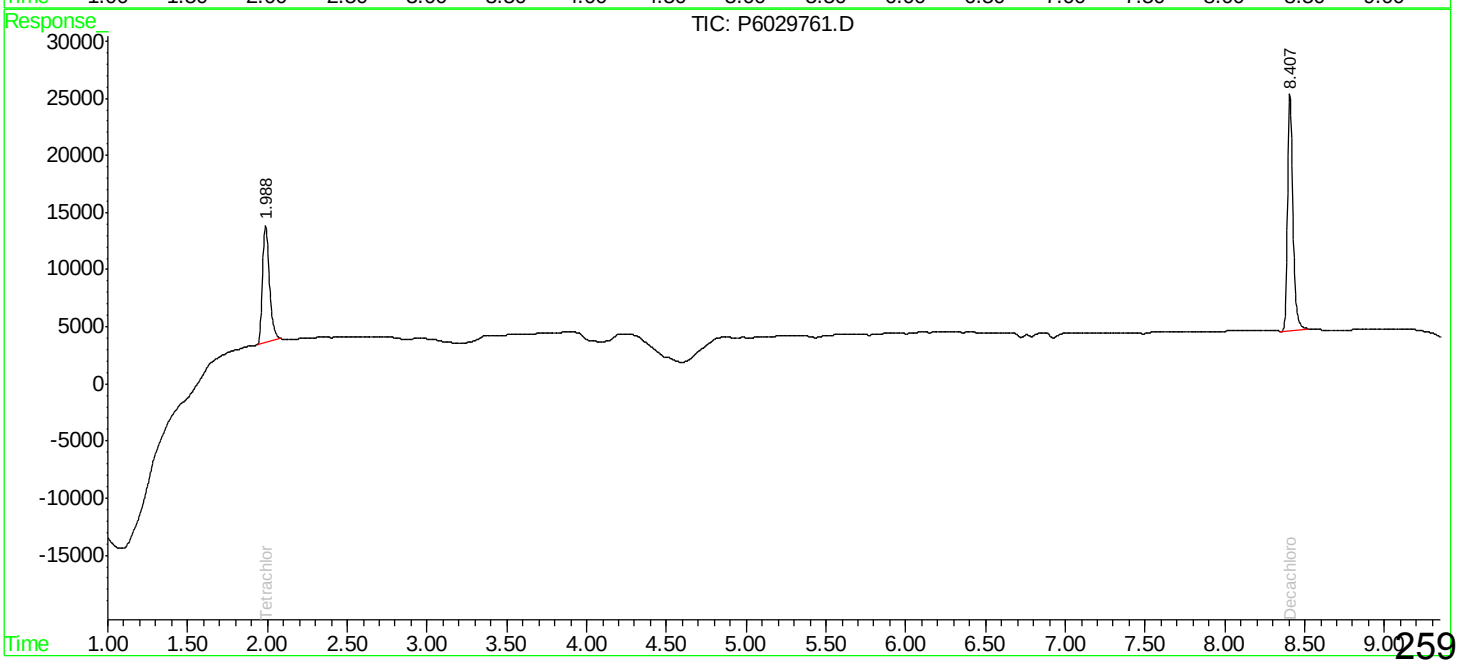
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 11:43
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:11:05 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:06:25 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081009\
Data File : P6029761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 11:43
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 15:11:05 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 10 14:06:25 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.139	1.989	268505	310187	20.941	20.961
2)	SA Decachlor...	8.205	8.410	417188	480925	21.202	22.597
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029846.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

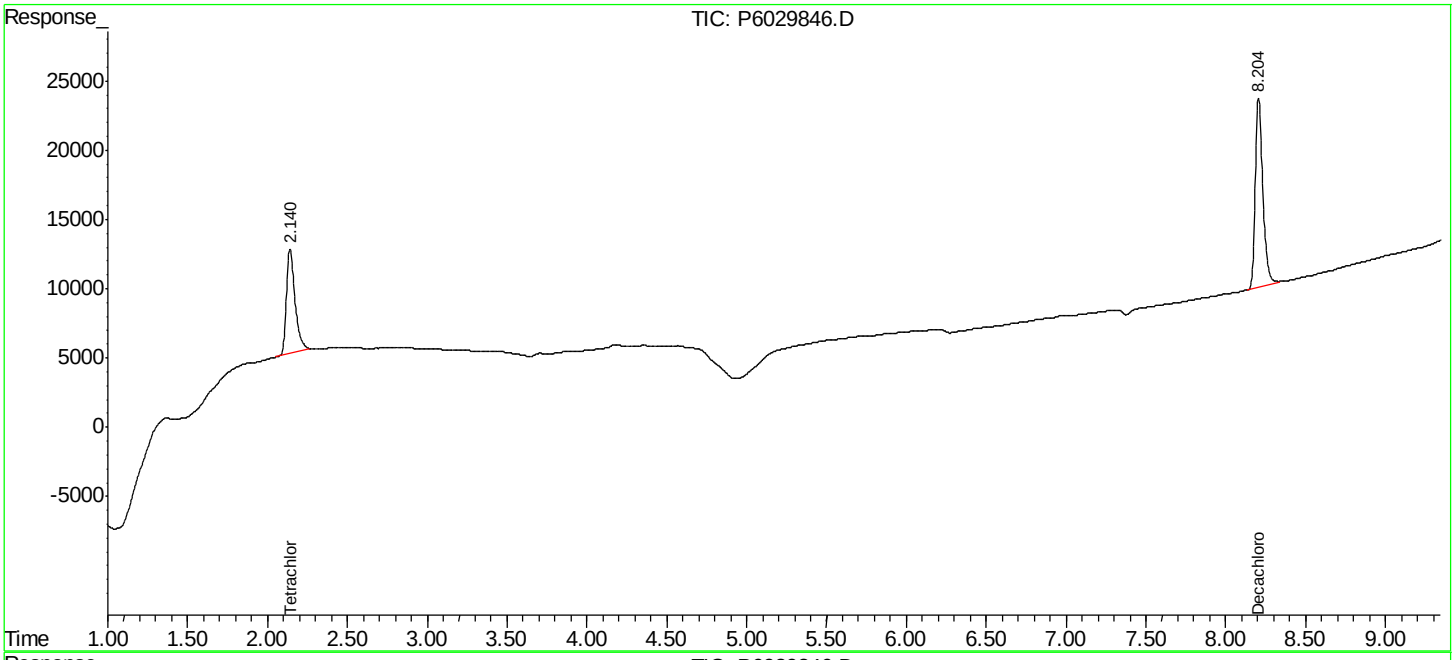
GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

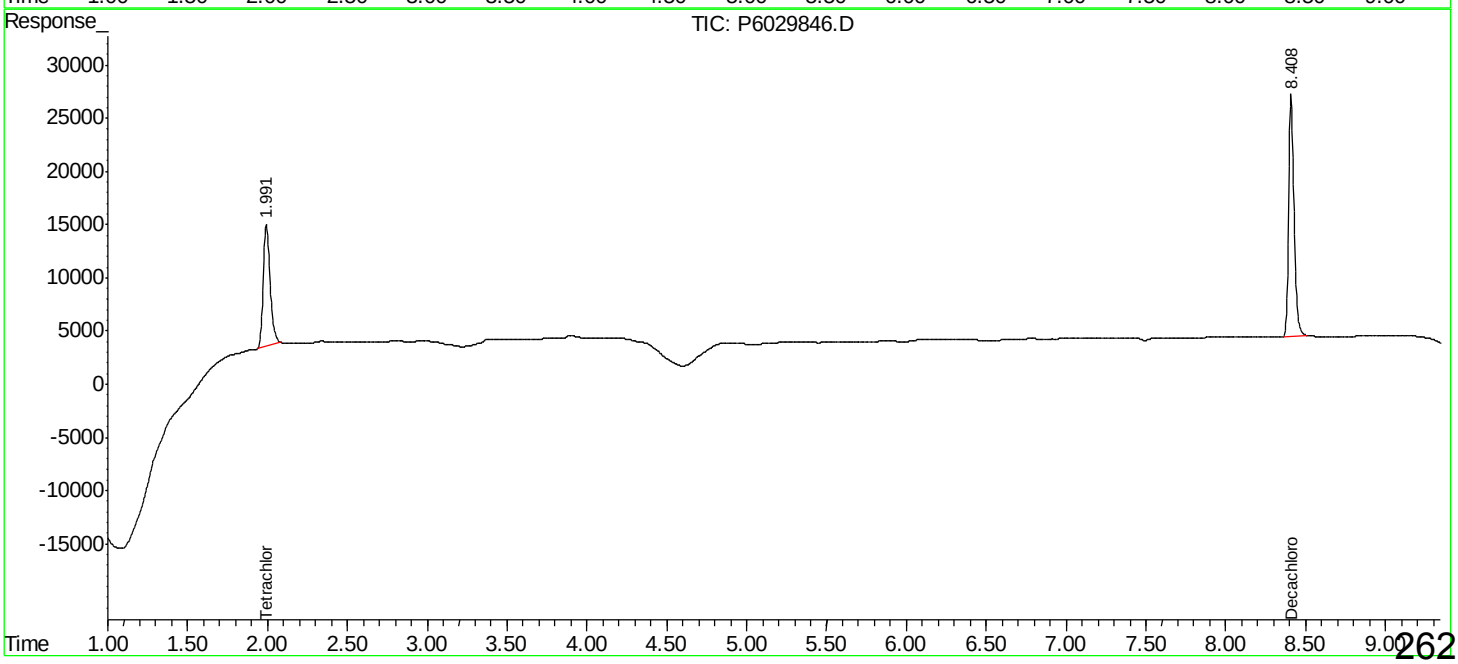
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029846.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 23:13
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:14:01 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



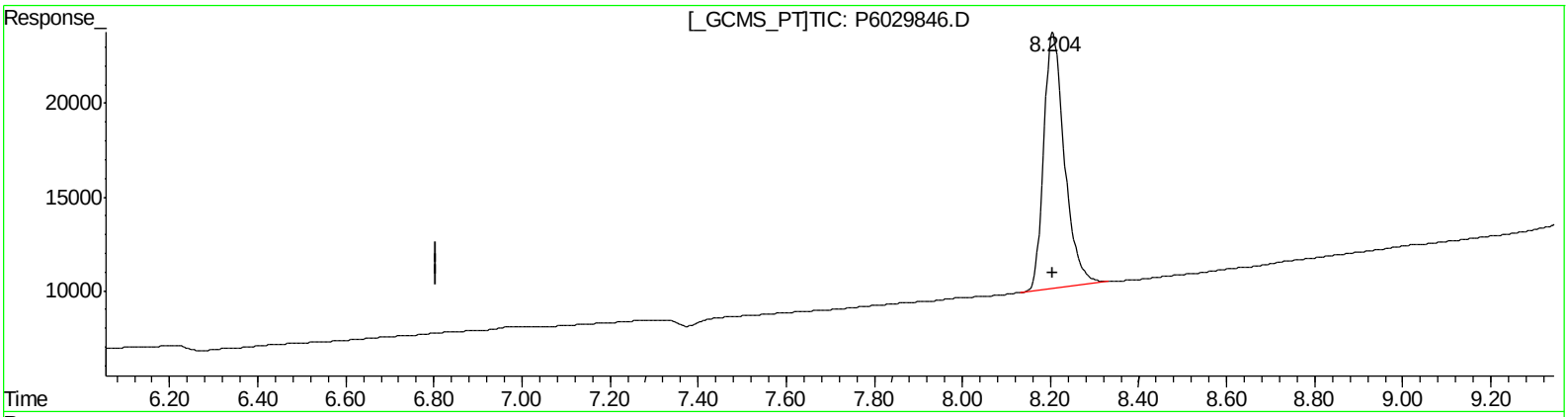


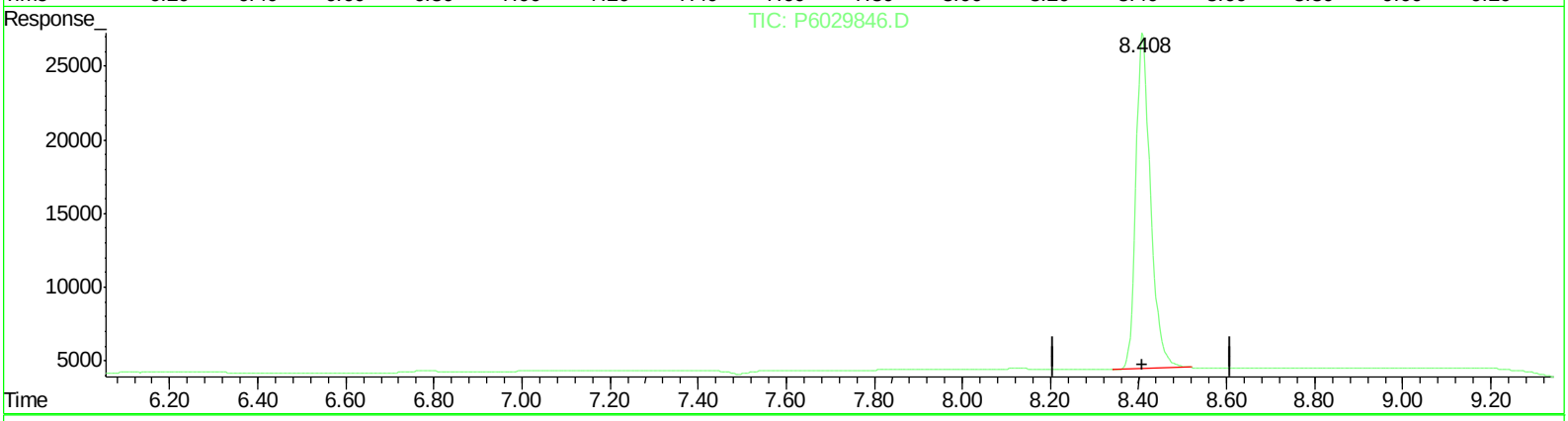
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029846.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:13
Operator : BI
Sample   : I.BLK
Misc   :
ALS Vial : 53   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:12:37 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.206min 22.744 ng/ml

response 447516

(2) Decachlorobiphenyl #2 (SA)

8.410min 25.019 ng/ml

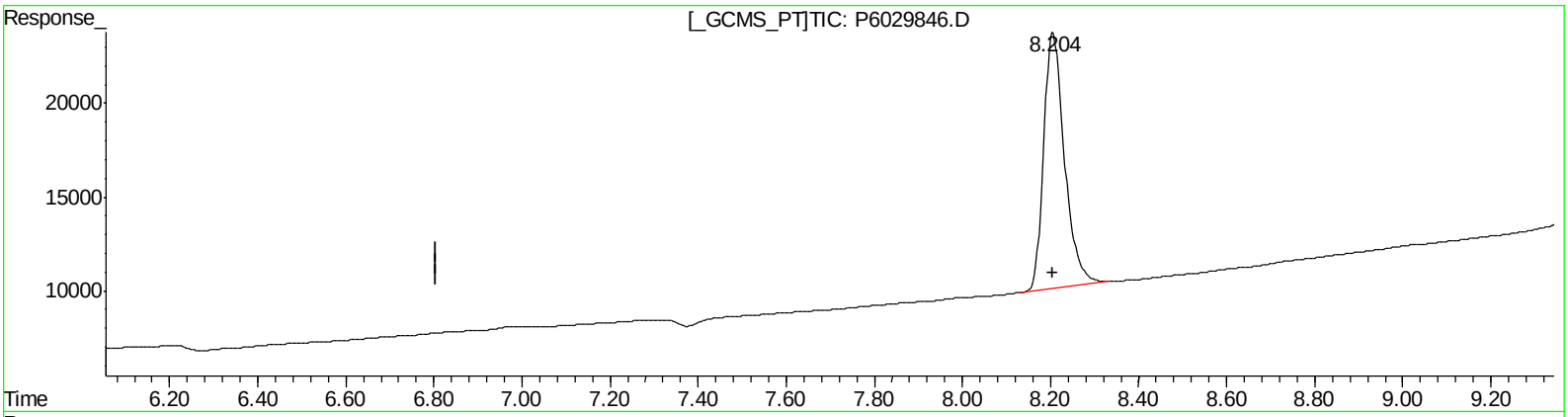
response 532472

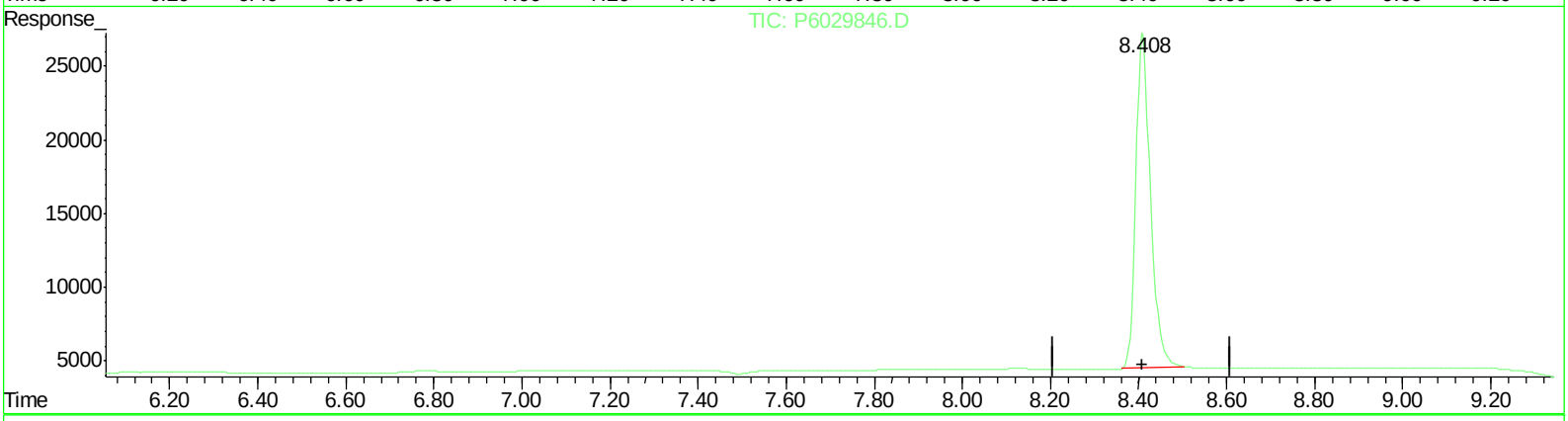
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029846.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 23:13
Operator : BI
Sample   : I.BLK
Misc   :
ALS Vial : 53   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:12:37 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

8.206min 22.744 ng/ml

response 447516

(2) Decachlorobiphenyl #2 (SA)

8.408min 24.830 ng/ml m

response 528458

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029846.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 23:13
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 06:14:01 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.142	1.993	281822	343959	21.980	23.243
2)	SA Decachlor...	8.206	8.408	447516	528458	22.744	24.830m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029860.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) N.A. Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

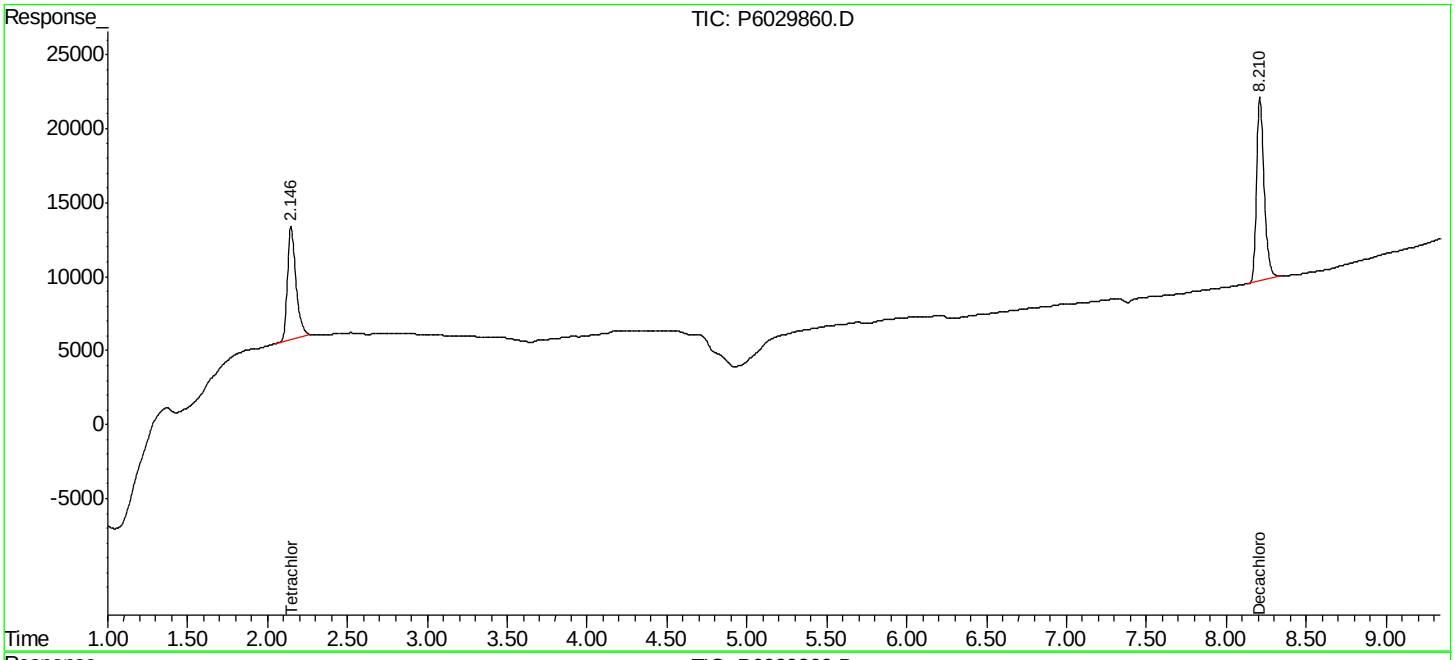
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

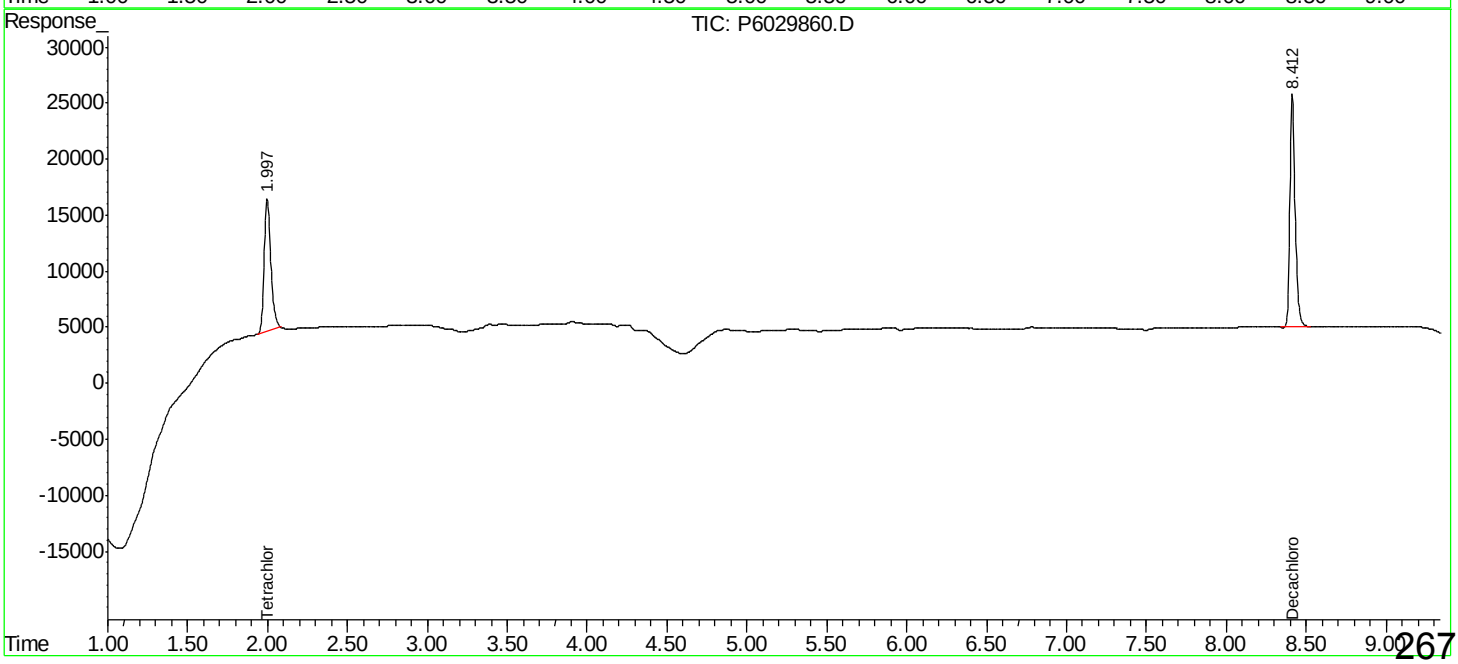
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029860.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 2:17
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:15:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029860.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 2:17
Operator : BI
Sample : I.BLK
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:15:53 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	1.998	280313	344350	21.862	23.270
2)	SA Decachlor...	8.211	8.414	409015	483880	20.787	22.735
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43878BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43878BS

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029626.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

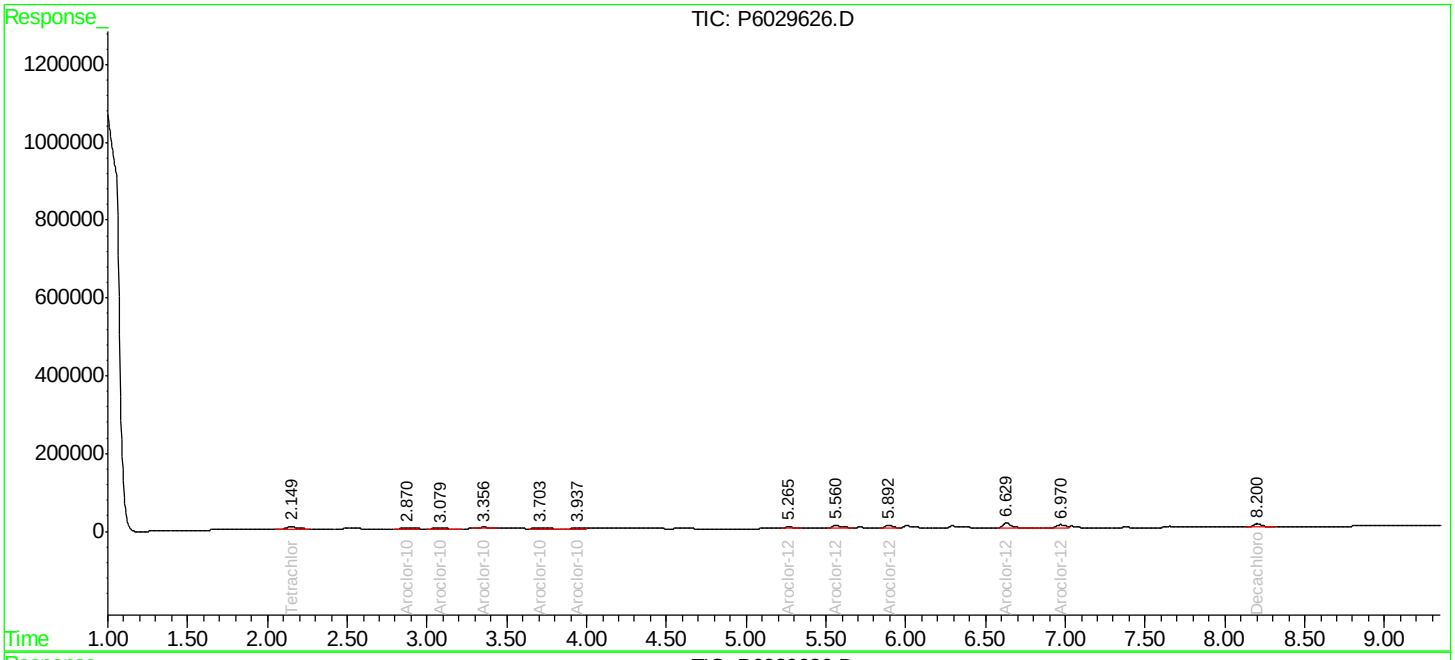
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	2.4	
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	2.6	

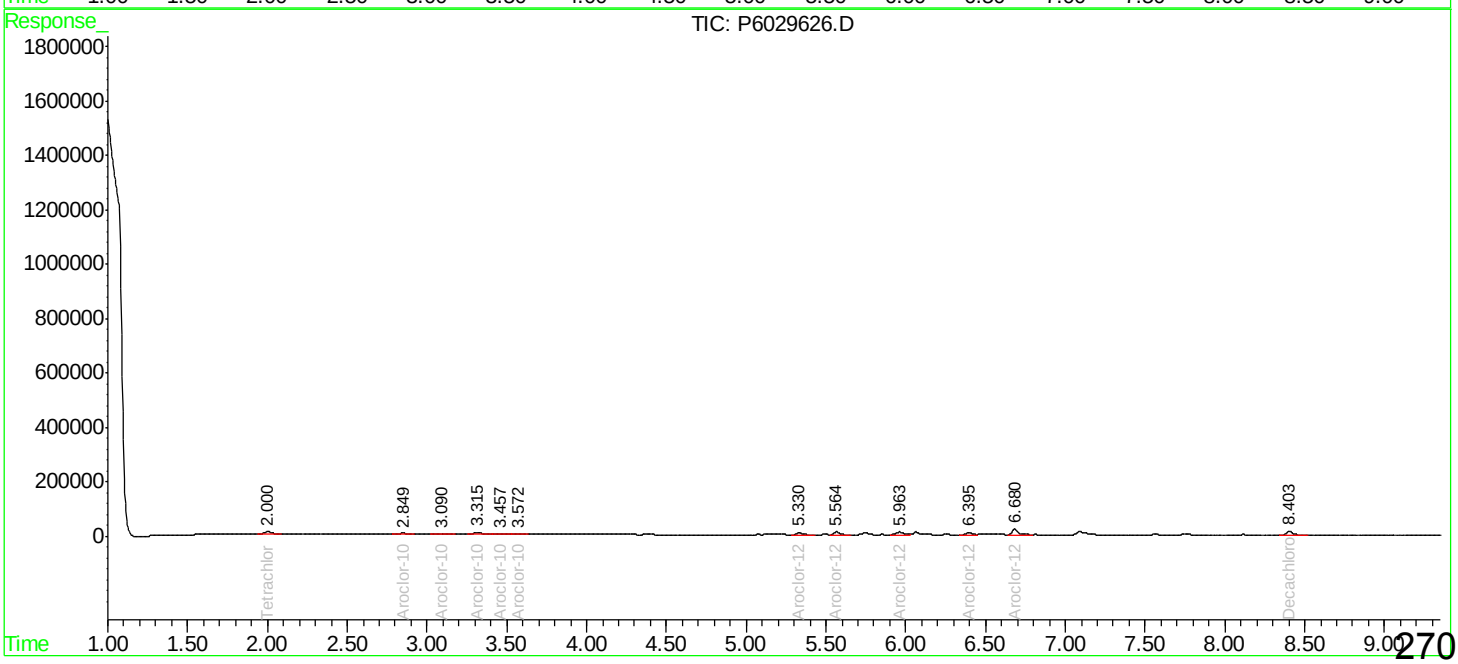
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029626.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:47
Operator : BI
Sample : PB43878BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:44:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029626.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 16:47
Operator : BI
Sample : PB43878BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:44:06 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.150	2.002	220539	269245	19.851	18.375
2)	SA Decachlor...	8.202	8.405	276403	334971	16.595	16.070
	Target Compounds						
3)	L1 Aroclor-1...	2.872	2.850	88716	140545	231.395	228.560
4)	L1 Aroclor-1...	3.080	3.091	58123	96886	234.186	239.431
5)	L1 Aroclor-1...	3.357	3.317	146417	277594	223.067	240.469
6)	L1 Aroclor-1...	3.705	3.458	118139	133094	251.993	244.978
7)	L1 Aroclor-1...	3.939	3.574	97234	91782	245.691	236.190
31)	L7 Aroclor-1...	5.267	5.331	148760	214468	235.431	240.584
32)	L7 Aroclor-1...	5.562	5.566	279893	276763	226.517	266.068
33)	L7 Aroclor-1...	5.894	5.963	271346	335909	215.397	243.889
34)	L7 Aroclor-1...	6.630	6.397	458486	222812	225.189	246.658
35)	L7 Aroclor-1...	6.972	6.682	286209	546653	228.980	285.054

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43878BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43878BSD

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029627.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

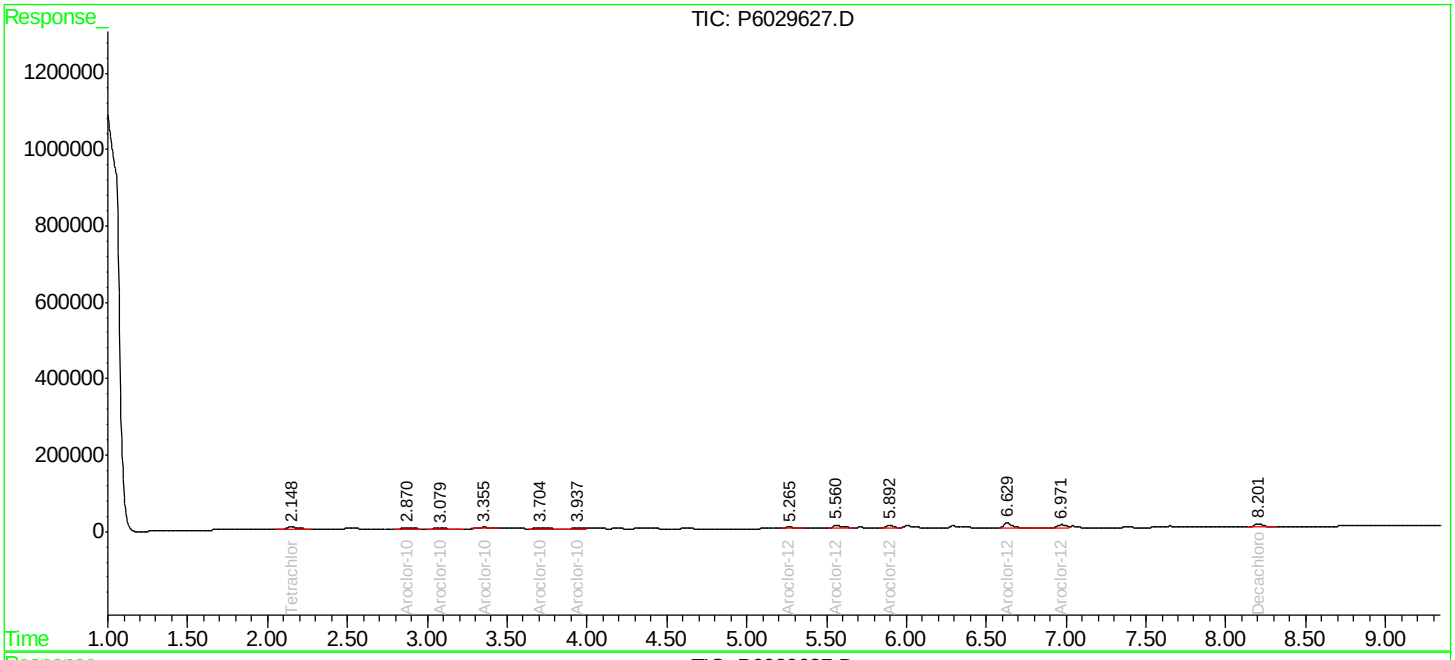
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	2.4	
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	2.6	

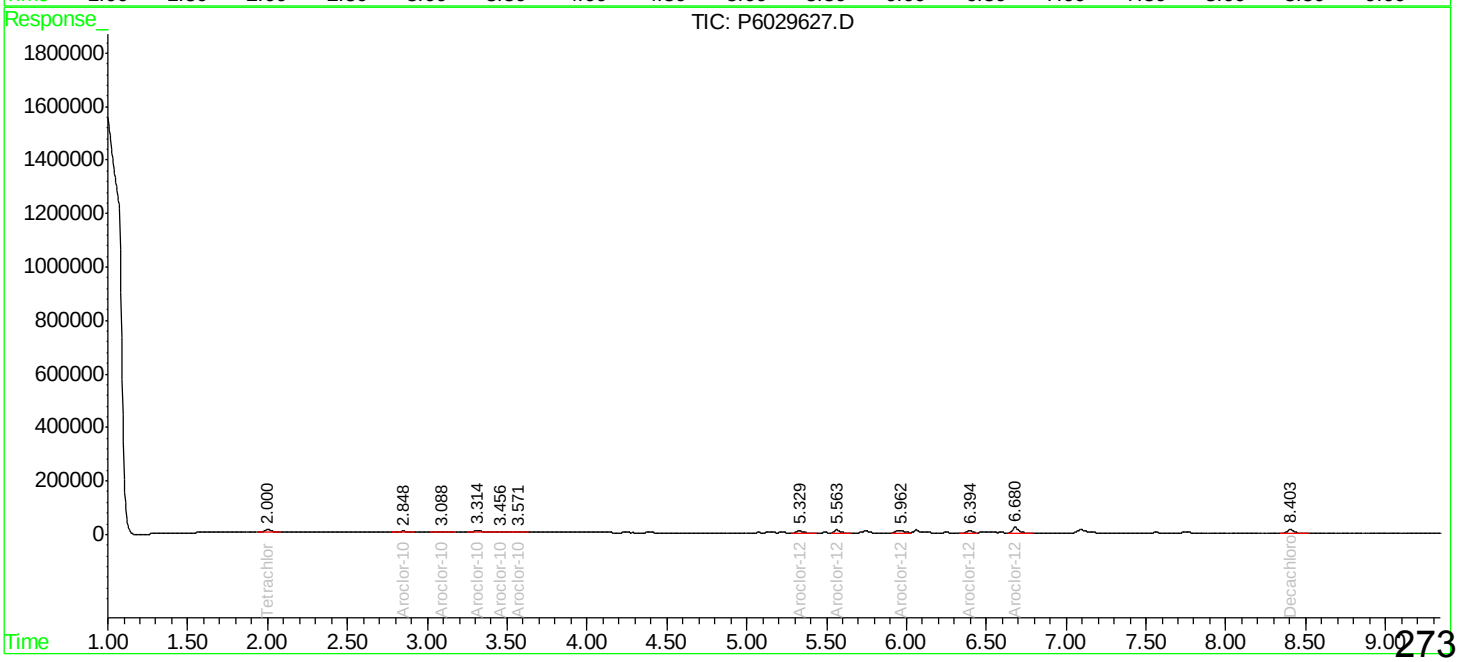
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 17:00
Operator : BI
Sample : PB43878BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:44:54 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080609\
Data File : P6029627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 6 Aug 2009 17:00
Operator : BI
Sample : PB43878BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 17:44:54 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	2.150	2.001	216204	268636	19.461	18.333	
2)	SA Decachlor...	8.202	8.404	276240	331958	16.585	15.926	
	Target Compounds							
3)	L1 Aroclor-1...	2.872	2.849	89374	141887	233.112	230.743	
4)	L1 Aroclor-1...	3.080	3.090	57168	96549	230.336	238.599	
5)	L1 Aroclor-1...	3.357	3.316	148595	282121	226.385	244.390	
6)	L1 Aroclor-1...	3.706	3.458	117991	134817	251.677	248.151	
7)	L1 Aroclor-1...	3.939	3.573	98145	93616	247.993	240.910	
31)	L7 Aroclor-1...	5.266	5.330	149432	223025	236.495	250.182	
32)	L7 Aroclor-1...	5.562	5.565	280891	284196	227.324	273.214	
33)	L7 Aroclor-1...	5.894	5.963	274742	340014	218.093	246.869	
34)	L7 Aroclor-1...	6.631	6.396	467276	226822	229.507	251.097	
35)	L7 Aroclor-1...	6.973	6.682	288403	558745	230.736	291.360	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43891BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43891BS

Sample wt/vol: 15 (g/mL) g Lab File ID: P6029857.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

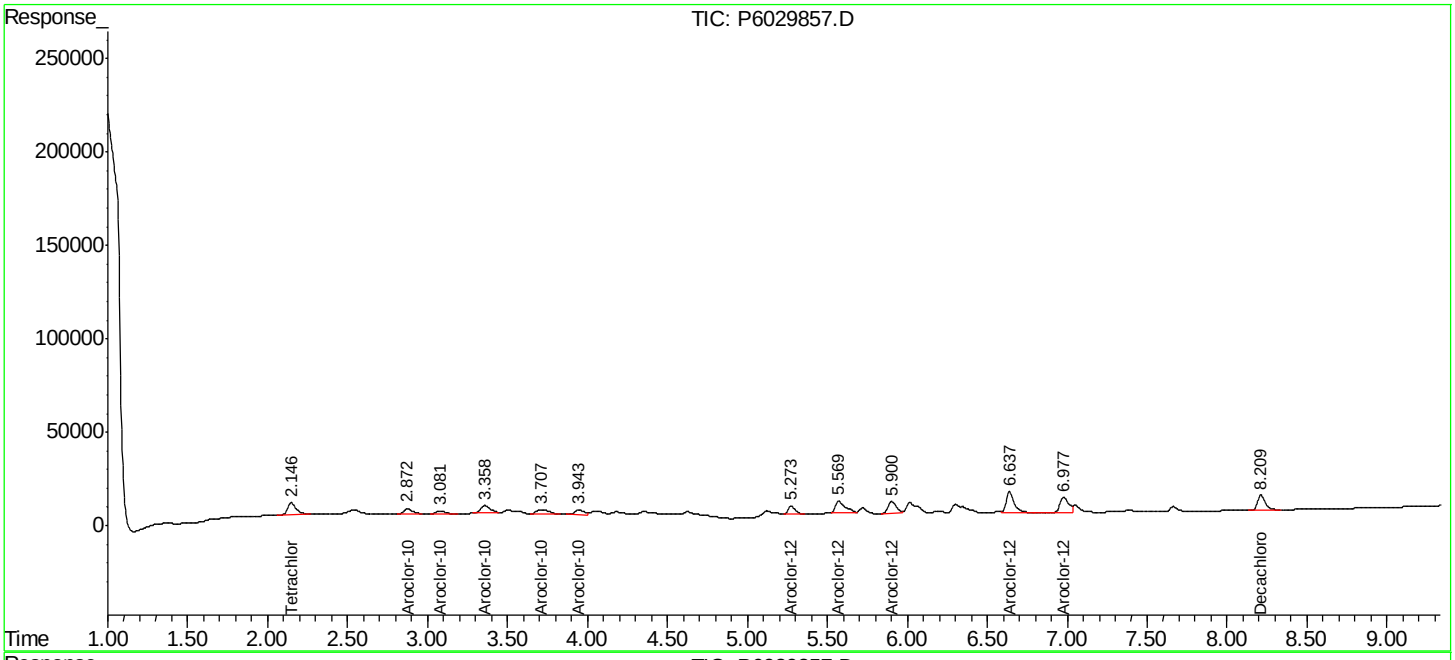
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	78	
11104-28-2	AROCLOR 1221	17	U
11141-16-5	AROCLOR 1232	17	U
53469-21-9	AROCLOR 1242	17	U
12672-29-6	AROCLOR 1248	17	U
11097-69-1	AROCLOR 1254	17	U
11096-82-5	AROCLOR 1260	63	

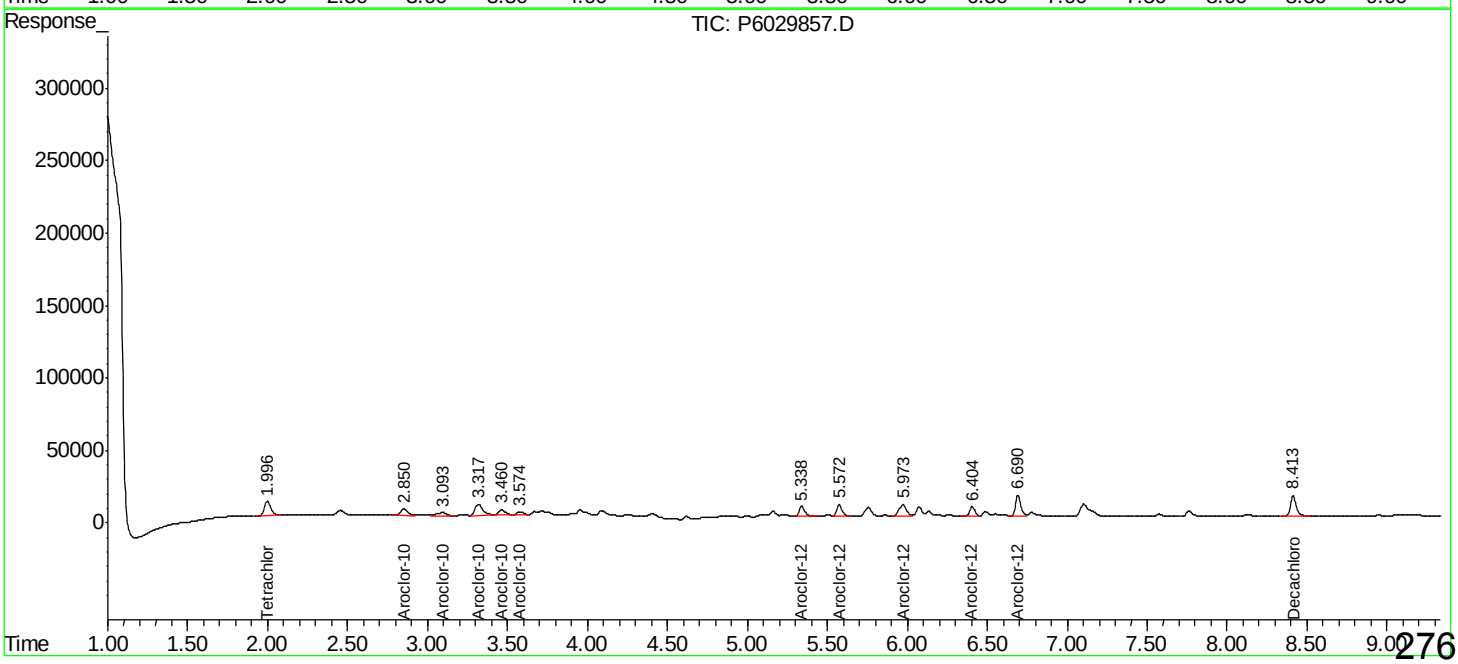
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 1:37
Operator : BI
Sample : PB43891BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:13:30 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



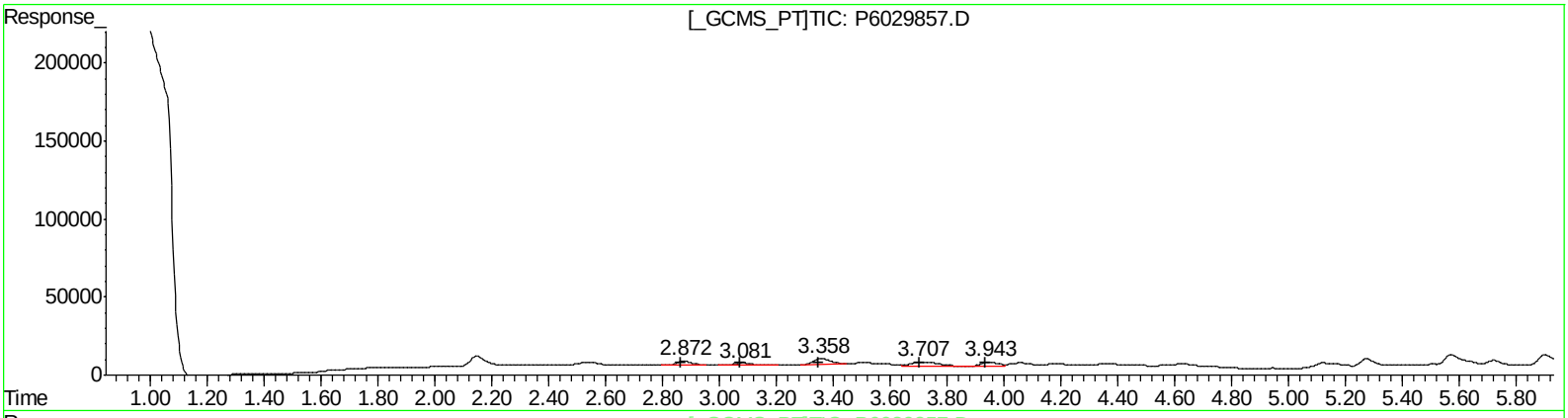


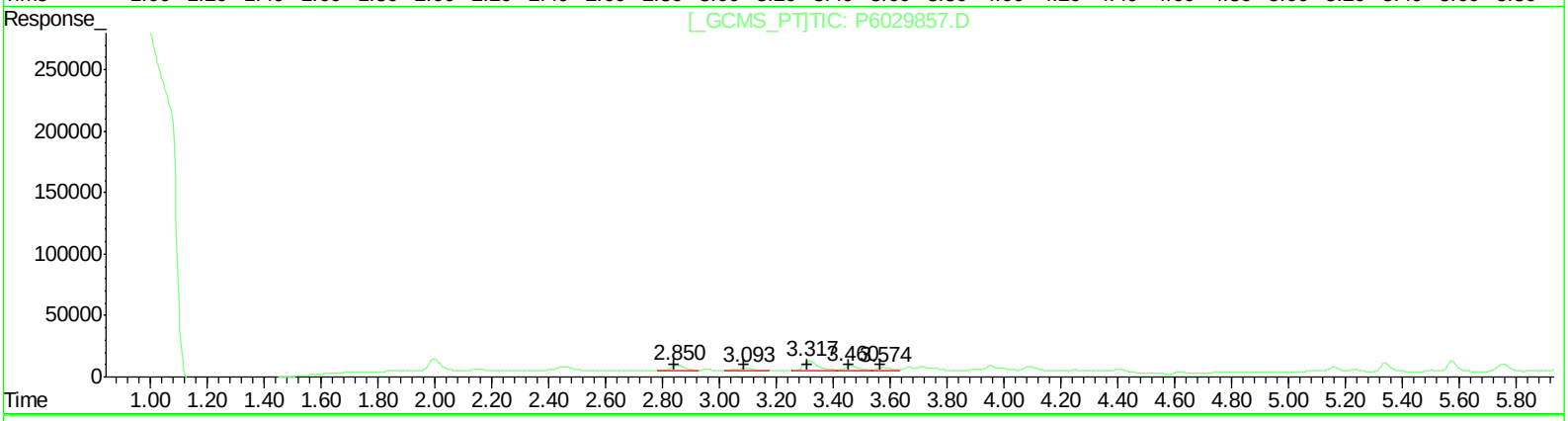
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   1:37
Operator : BI
Sample   : PB43891BS
Misc   :
ALS Vial : 64   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:08:33 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	93146	210.50
3.08	60526	211.78
3.36	155992	221.99
3.71	131845	238.15
3.95	101892	215.53

(3) Aroclor-1016-1 #2 (L1)

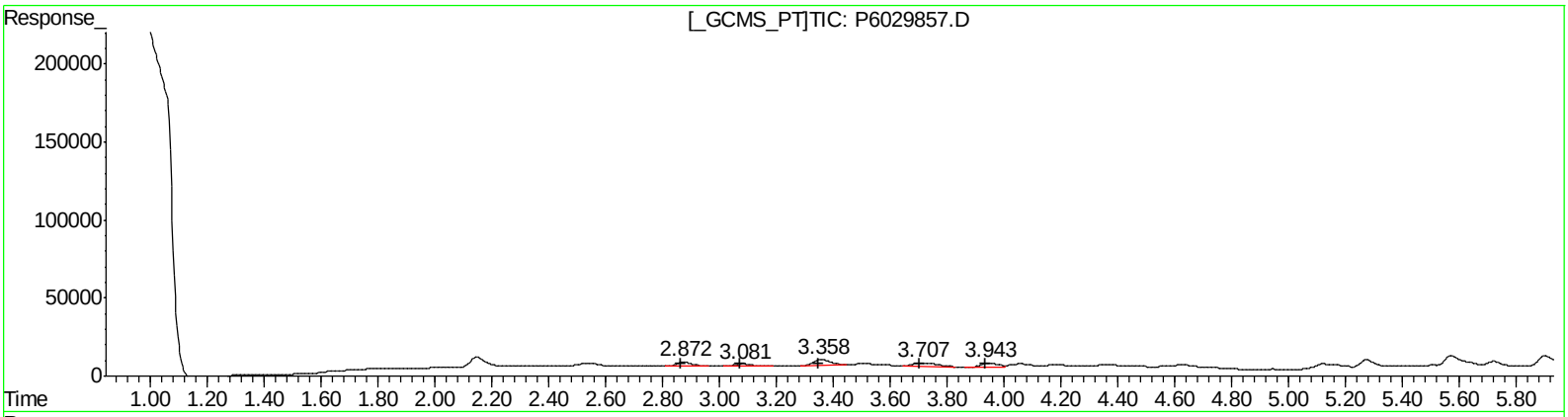
R.T.	Response	Conc
2.85	143986	240.41
3.09	93579	233.41
3.32	270360	239.66
3.46	126538	230.63
3.58	85285	217.76

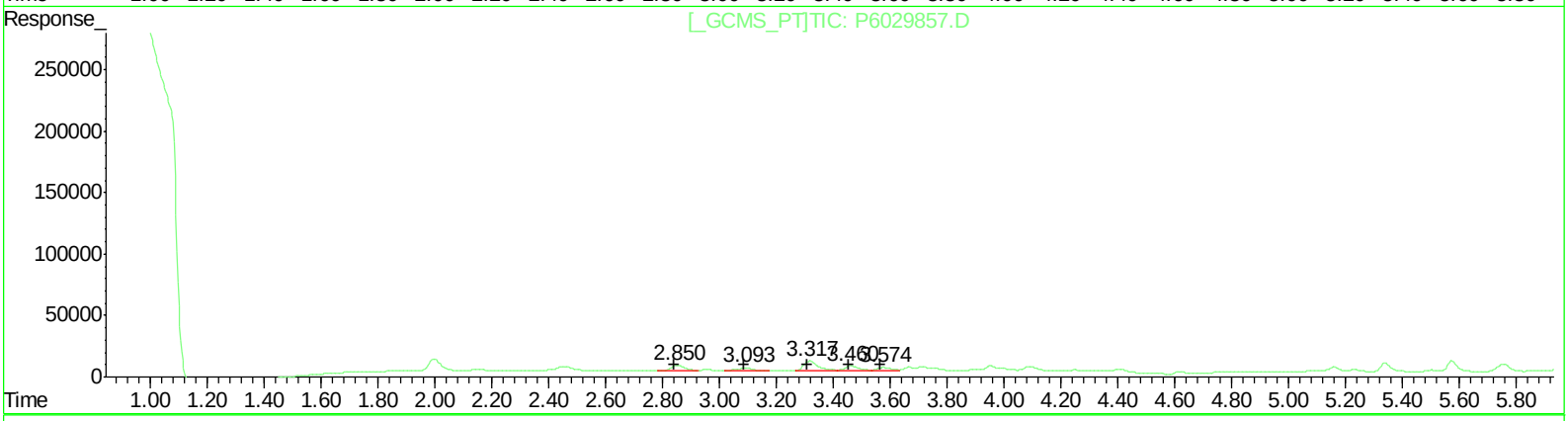
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   1:37
Operator : BI
Sample   : PB43891BS
Misc   :
ALS Vial : 64   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:08:33 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	96551	218.20
3.08	63554	222.38
3.36	155992	221.99
3.71	134119	242.25
3.95	101892	215.53

(3) Aroclor-1016-1 #2 (L1)

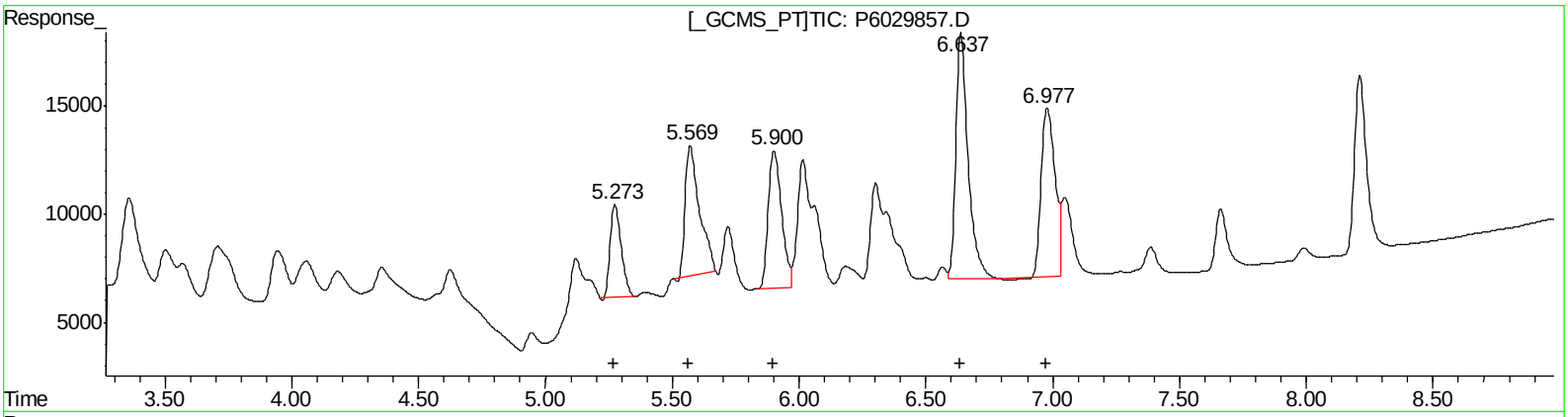
R.T.	Response	Conc
2.85	143986	240.41
3.09	93579	233.41
3.32	279687	247.93
3.46	126538	230.63
3.58	85285	217.76

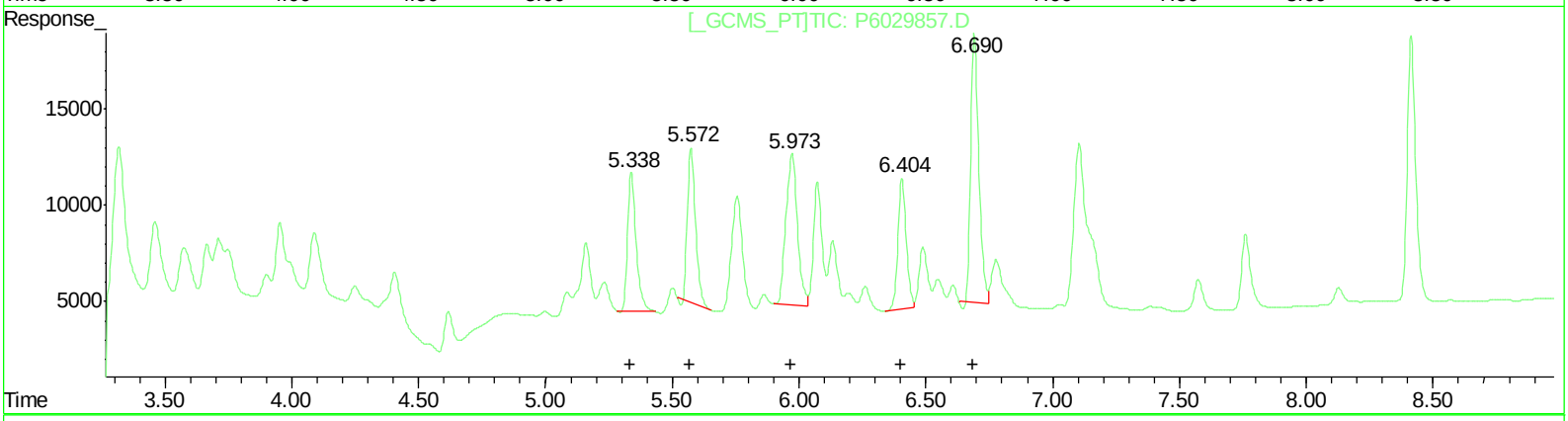
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   1:37
Operator : BI
Sample   : PB43891BS
Misc   :
ALS Vial : 64   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:08:33 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.27	129936	194.39
5.57	234761	178.44
5.90	235727	169.60
6.64	389737	157.87
6.98	297502	192.96

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	167465	191.17
5.57	174788	190.74
5.97	249317	184.25
6.41	156086	178.33
6.69	308687	179.45

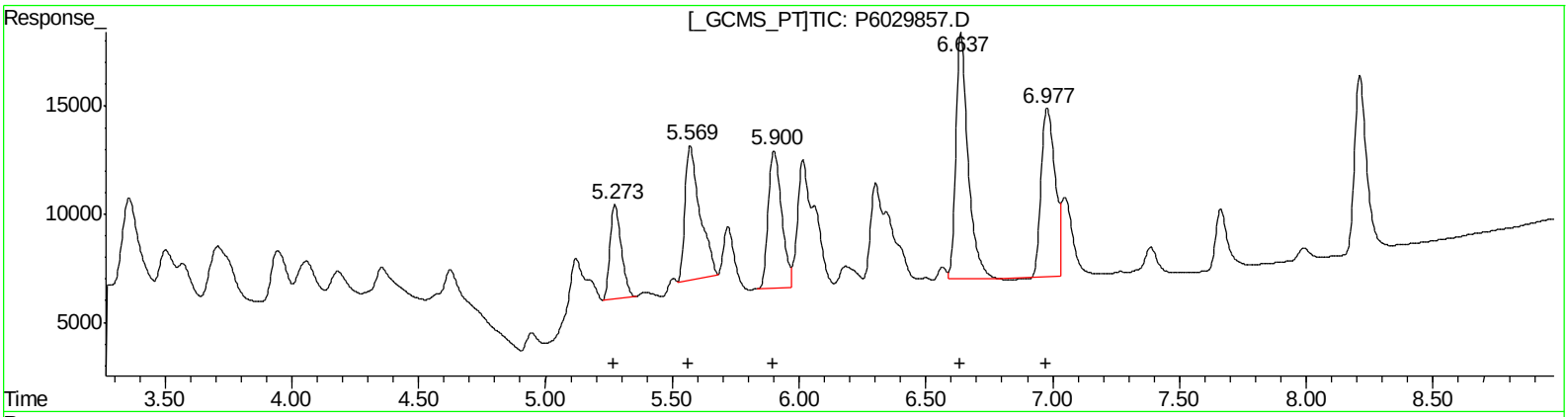
(+) = Expected Retention Time
P6081009.M Wed Aug 12 07:11:34 2009 GC/MS

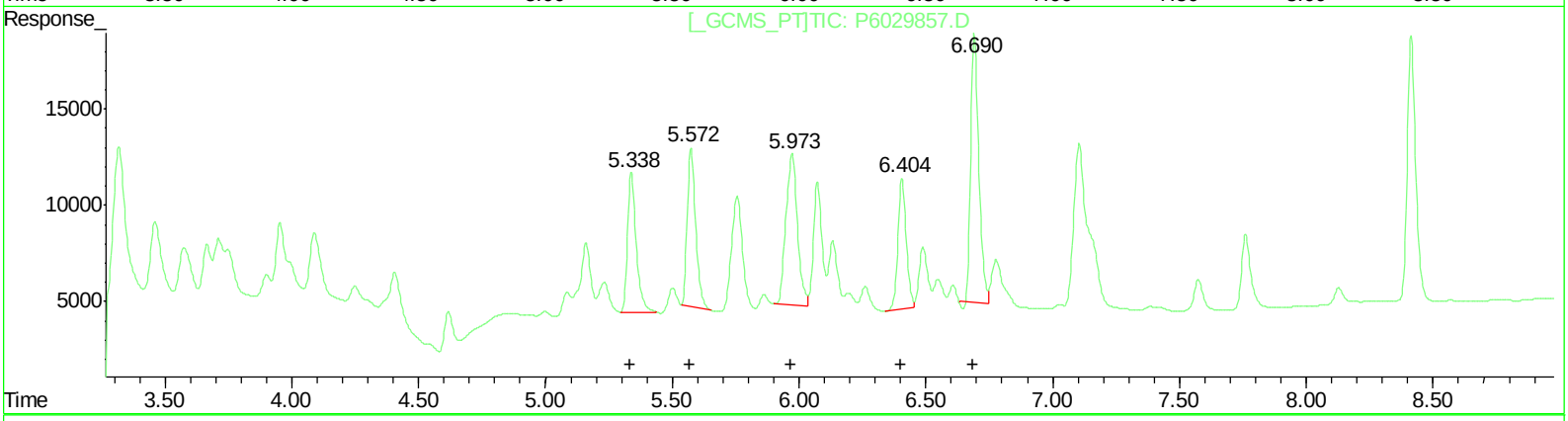
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   1:37
Operator : BI
Sample   : PB43891BS
Misc   :
ALS Vial : 64   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:08:33 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.27	135234	202.31
5.57	249217	189.43
5.90	235727	169.60
6.64	389737	157.87
6.98	297502	192.96

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	174014	198.64
5.57	189510	206.81
5.97	249317	184.25
6.41	156086	178.33
6.69	308687	179.45

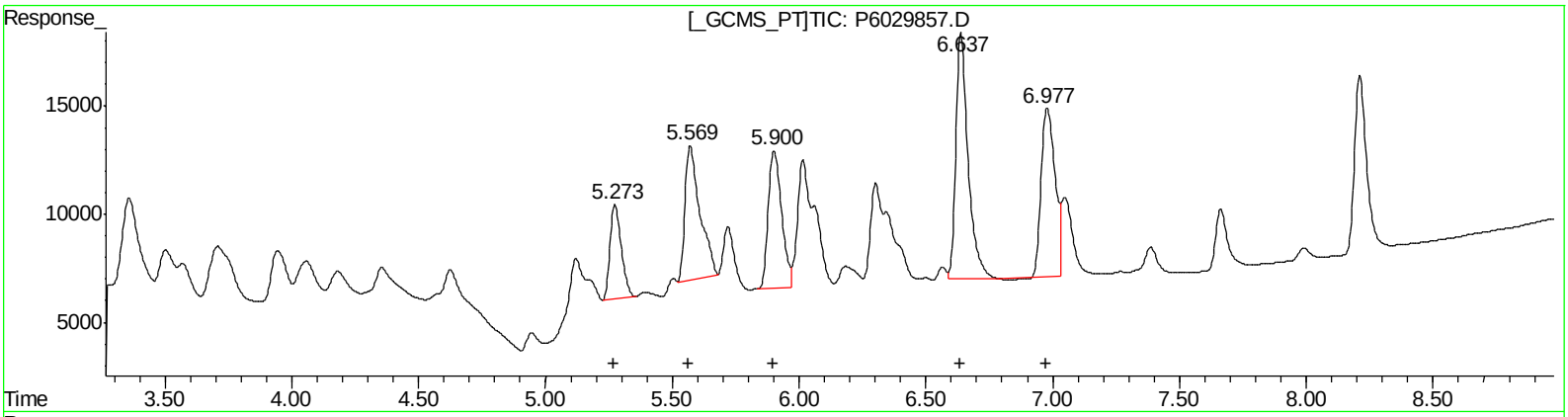
(+) = Expected Retention Time
P6081009.M Wed Aug 12 07:12:19 2009 GC/MS

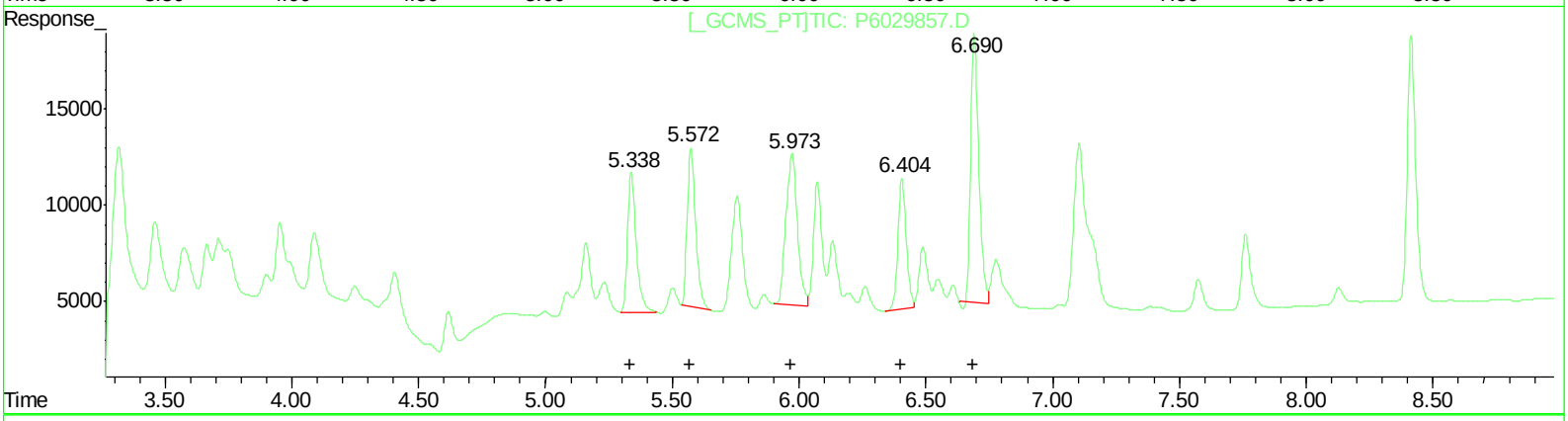
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009   1:37
Operator : BI
Sample   : PB43891BS
Misc   :
ALS Vial : 64   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:08:33 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.27	135234	202.31
5.57	249217	189.43
5.90	235727	169.60
6.64	389737	157.87
6.98	297502	192.96

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.34	174014	198.64
5.57	189510	206.81
5.97	249317	184.25
6.41	156086	178.33
6.69	308687	179.45

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6081109\
Data File : P6029857.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 1:37
Operator : BI
Sample : PB43891BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 07:13:30 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6081009.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 11 02:21:32 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.148	1.998	236866	281421	18.473	19.017
2)	SA Decachlor...	8.211	8.414	266983	316963	13.569	14.893
	Target Compounds						
3)	L1 Aroclor-1...	2.872	2.851	96551	143986	218.197m	240.406
4)	L1 Aroclor-1...	3.081	3.094	63554	93579	222.380m	233.412
5)	L1 Aroclor-1...	3.359	3.317	155992	279687	221.994	247.932m
6)	L1 Aroclor-1...	3.707	3.462	134119	126538	242.255m	230.633
7)	L1 Aroclor-1...	3.945	3.576	101892	85285	215.534	217.755
31)	L7 Aroclor-1...	5.273	5.338	135234	174014	202.311m	198.642m
32)	L7 Aroclor-1...	5.569	5.572	249217	189510	189.427m	206.806m
33)	L7 Aroclor-1...	5.902	5.974	235727	249317	169.600	184.246
34)	L7 Aroclor-1...	6.639	6.406	389737	156086	157.871	178.332
35)	L7 Aroclor-1...	6.979	6.692	297502	308687	192.963	179.453

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-02MS

Sample wt/vol: 15 (g/mL) g Lab File ID: P6029708.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

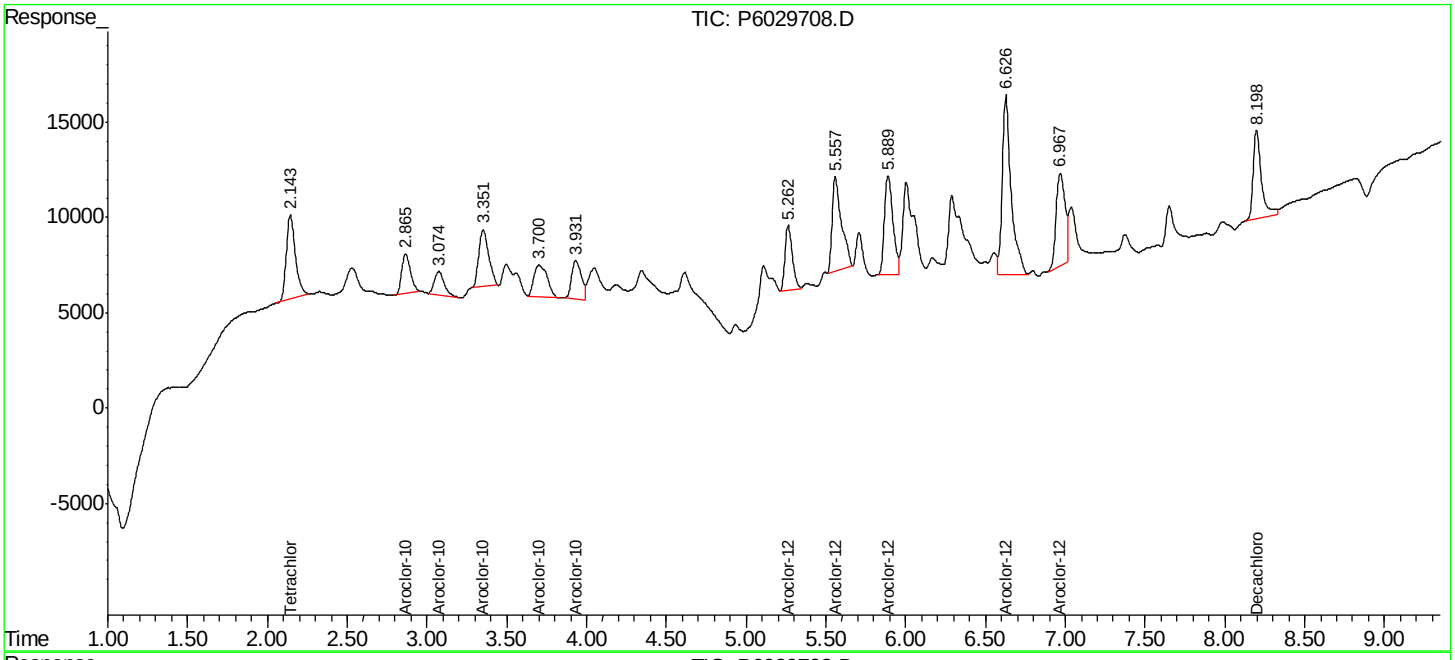
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	83	
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	70	

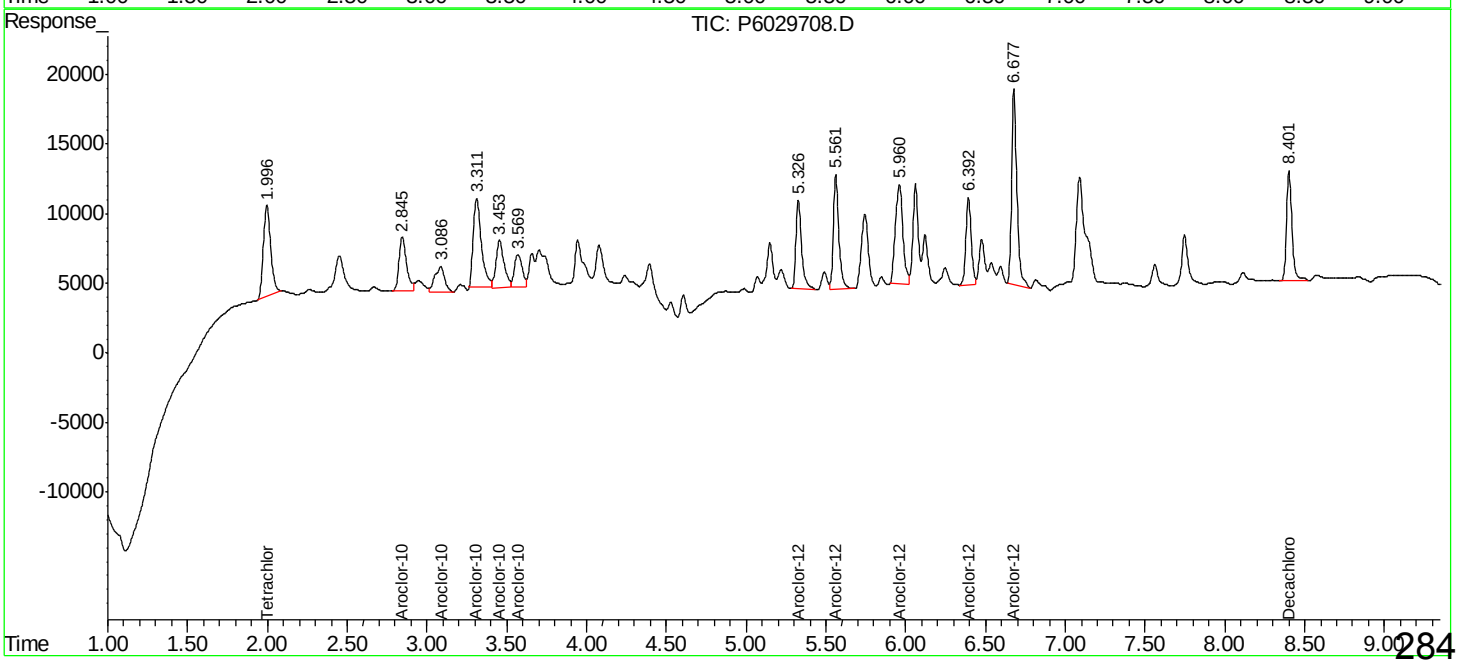
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:01
Operator : BI
Sample : A3816-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:45:54 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



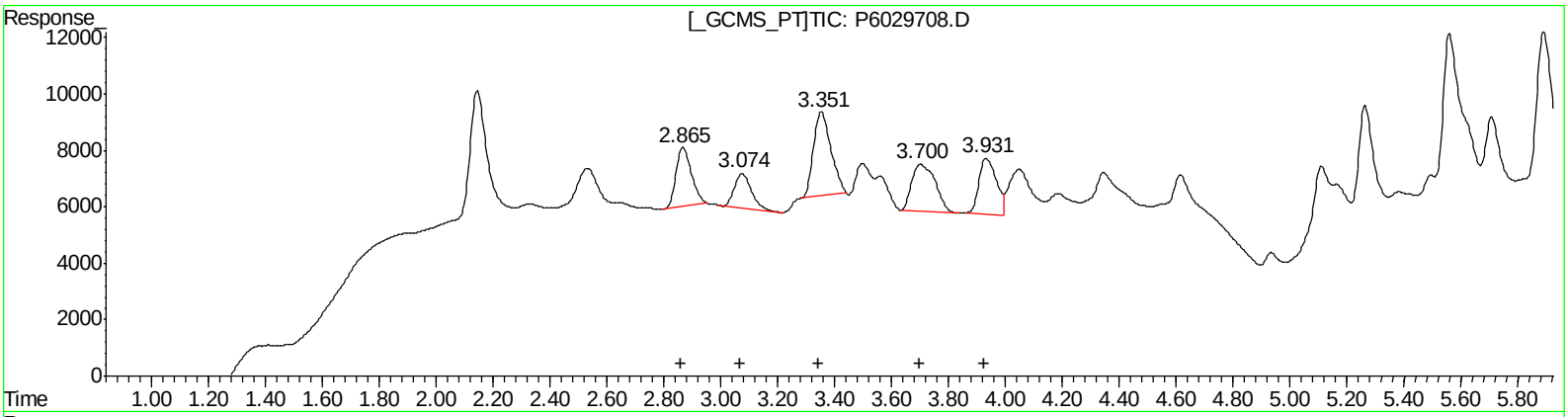


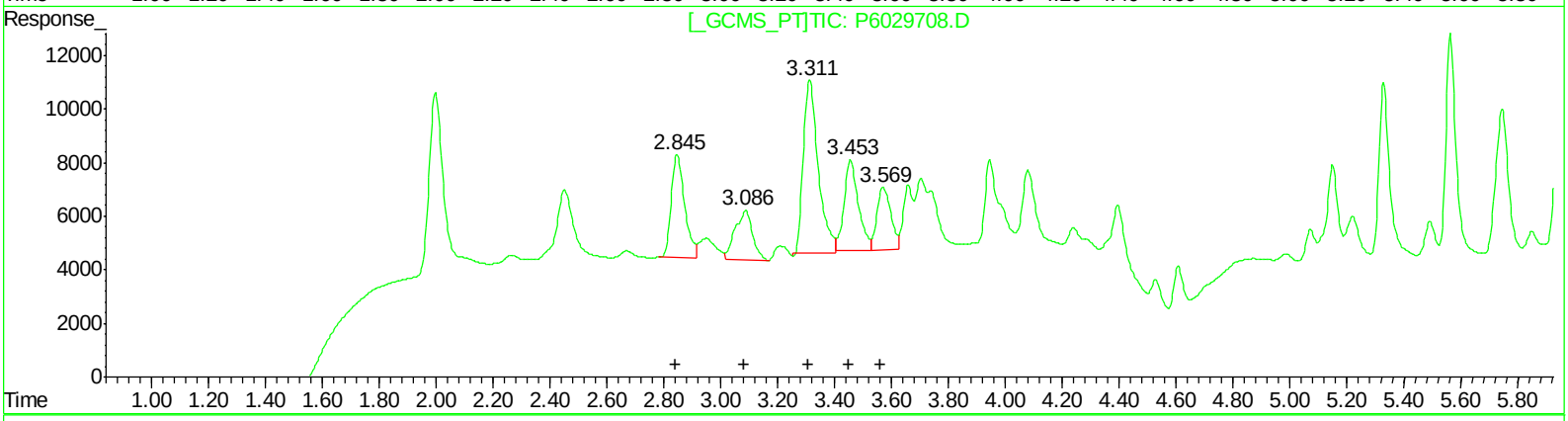
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:01
Operator : BI
Sample   : A3816-02MS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:39:23 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.87	78897	205.78
3.08	49972	201.34
3.35	127905	194.86
3.70	96749	206.37
3.93	84656	213.91

(3) Aroclor-1016-1 #2 (L1)

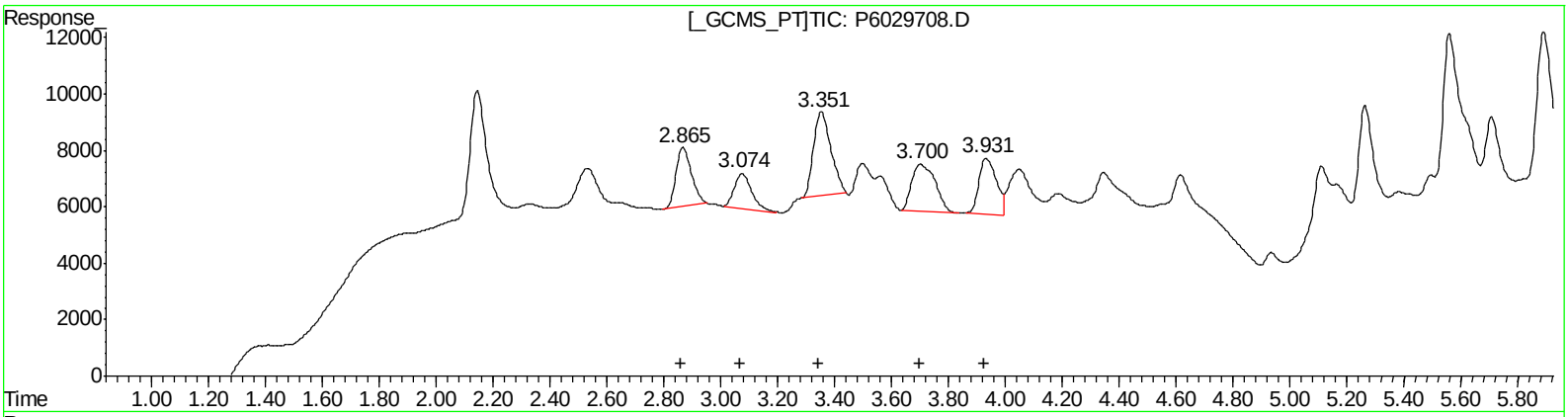
R.T.	Response	Conc
2.85	127032	206.58
3.09	77941	192.61
3.31	241515	209.21
3.45	122055	224.66
3.57	80479	207.10

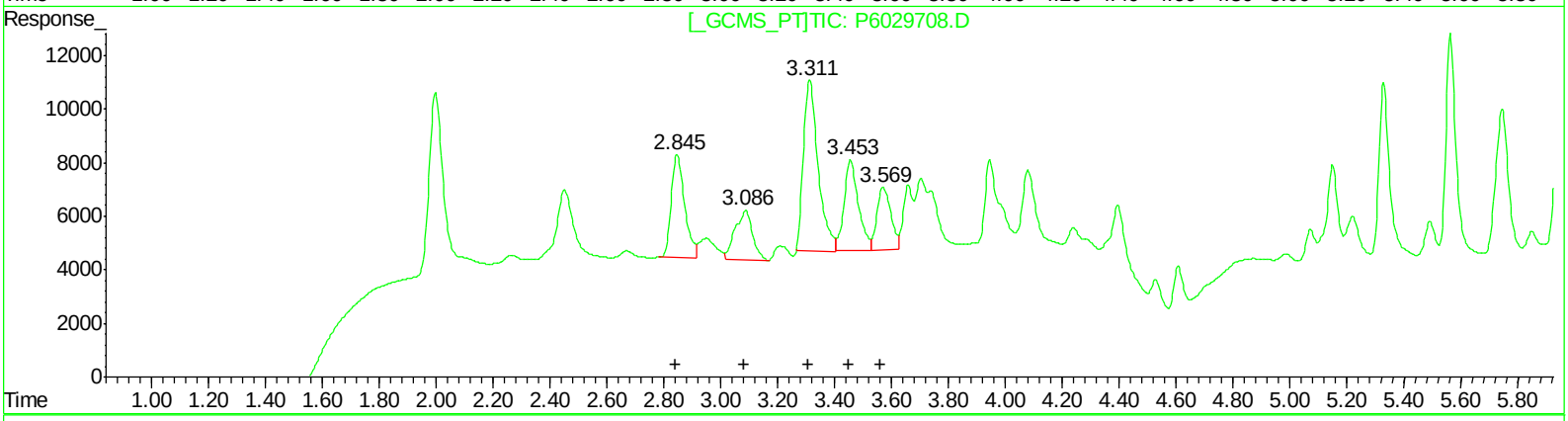
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:01
Operator : BI
Sample   : A3816-02MS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:39:23 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.87	78897	205.78
3.07	52515	211.59
3.35	127905	194.86
3.70	96749	206.37
3.93	84656	213.91

(3) Aroclor-1016-1 #2 (L1)

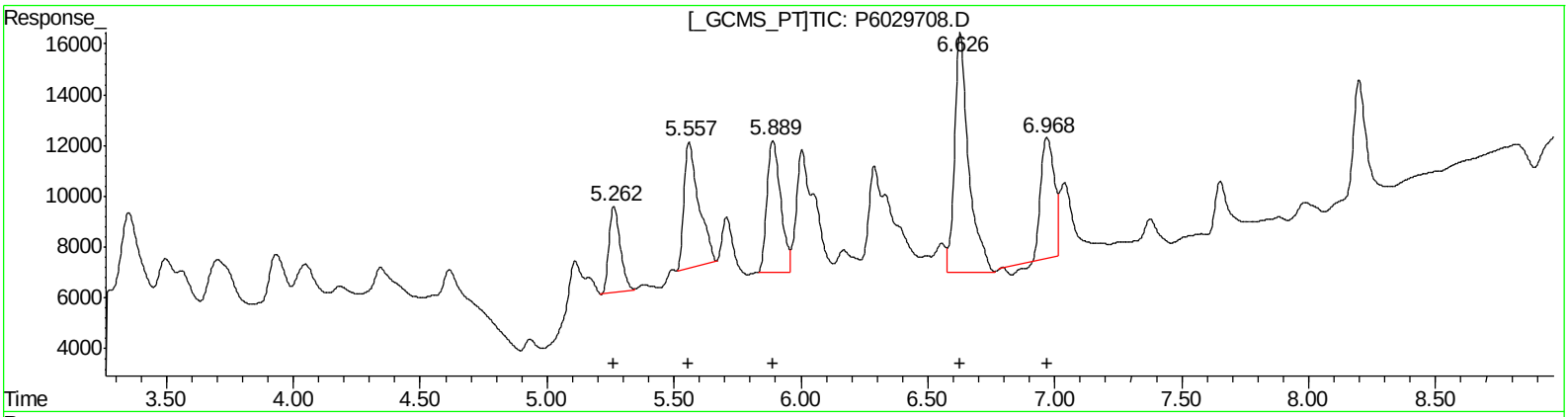
R.T.	Response	Conc
2.85	127032	206.58
3.09	77941	192.61
3.31	231467	200.51
3.45	122055	224.66
3.57	80479	207.10

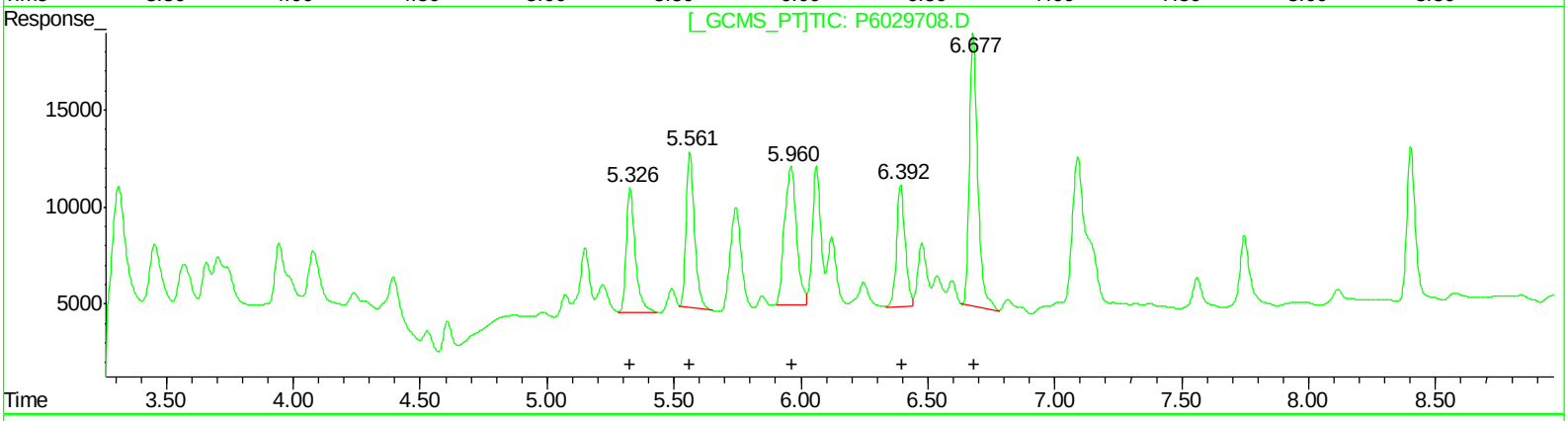
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:01
Operator : BI
Sample   : A3816-02MS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:39:23 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	106918	169.21
5.56	201241	162.86
5.89	193885	153.91
6.63	363579	178.58
6.97	165872	132.71

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	157442	176.61
5.56	183177	176.10
5.96	234548	170.30
6.39	145548	161.12
6.68	322050	167.93

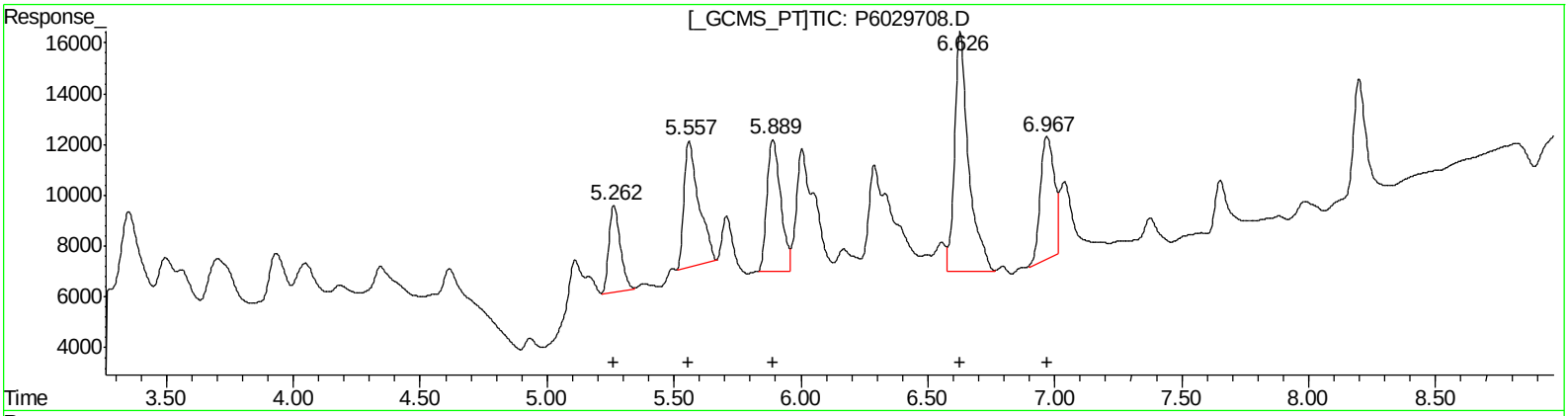
(+) = Expected Retention Time

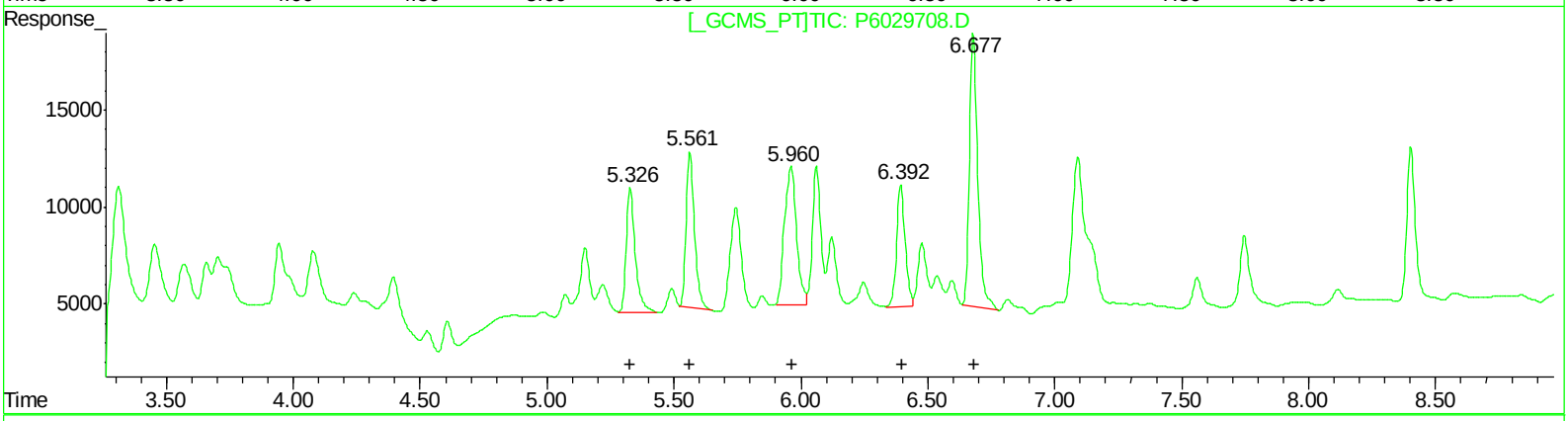
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:01
Operator : BI
Sample   : A3816-02MS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:39:23 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	108675	171.99
5.56	201241	162.86
5.89	193885	153.91
6.63	363579	178.58
6.97	187398	149.93

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	157442	176.61
5.56	183177	176.10
5.96	234548	170.30
6.39	145548	161.12
6.68	322814	168.33

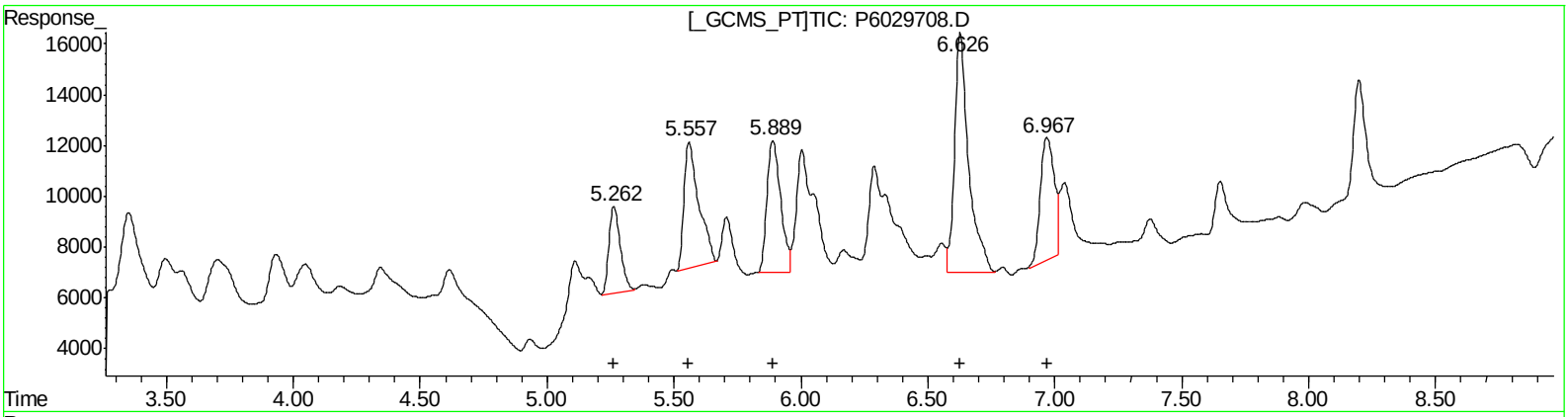
(+) = Expected Retention Time

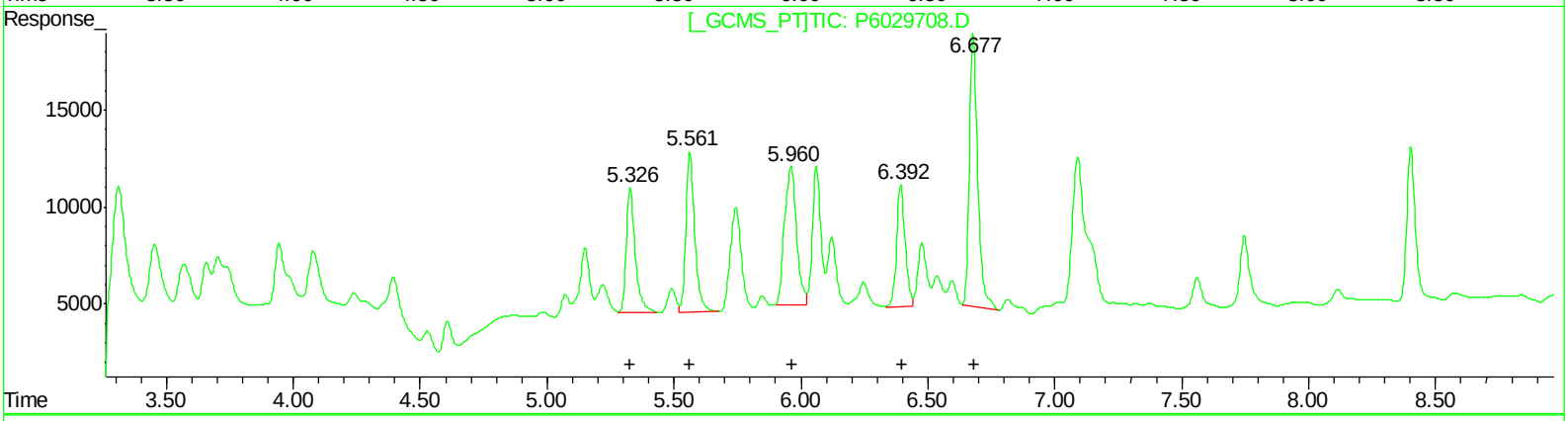
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:01
Operator : BI
Sample   : A3816-02MS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:39:23 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	108675	171.99
5.56	201241	162.86
5.89	193885	153.91
6.63	363579	178.58
6.97	187398	149.93

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	157442	176.61
5.56	201008	193.24
5.96	234548	170.30
6.39	145548	161.12
6.68	322814	168.33

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:01
Operator : BI
Sample : A3816-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:45:54 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	2.144	1.997	175759	210306	15.821	14.353
2) SA	Decachlor...	8.199	8.403	163033	186797	9.788	8.962
	Target Compounds						
3) L1	Aroclor-1...	2.867	2.846	78897	127032	205.783	206.585
4) L1	Aroclor-1...	3.074	3.088	52515	77941	211.589m	192.614
5) L1	Aroclor-1...	3.353	3.311	127905	231467	194.863	200.511m
6) L1	Aroclor-1...	3.702	3.455	96749	122055	206.368	224.660
7) L1	Aroclor-1...	3.933	3.570	84656	80479	213.910	207.103
31) L7	Aroclor-1...	5.262	5.328	108675	157442	171.992m	176.614
32) L7	Aroclor-1...	5.559	5.561	201241	201008	162.864	193.241m
33) L7	Aroclor-1...	5.891	5.961	193885	234548	153.908	170.295
34) L7	Aroclor-1...	6.628	6.394	363579	145548	178.575	161.125
35) L7	Aroclor-1...	6.967	6.677	187398	322814	149.927m	168.332m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-03MSD

Sample wt/vol: 15 (g/mL) g Lab File ID: P6029709.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

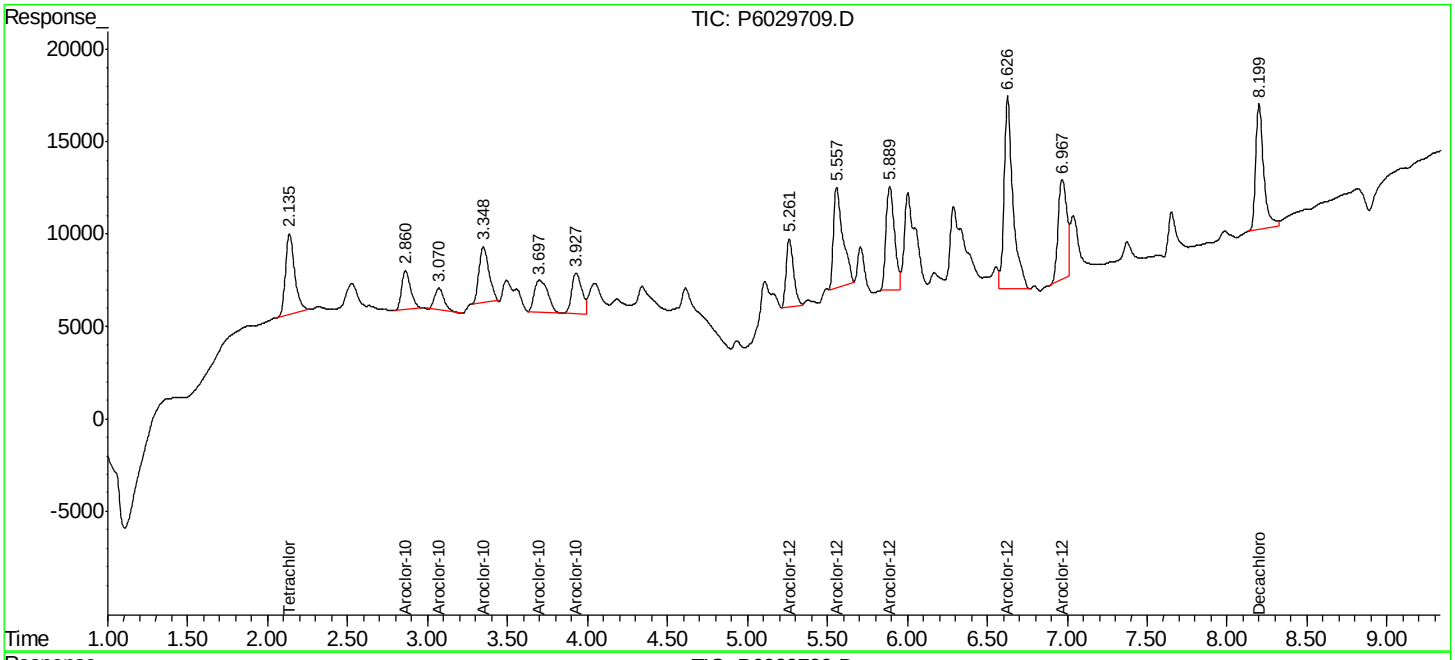
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	86	
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	77	

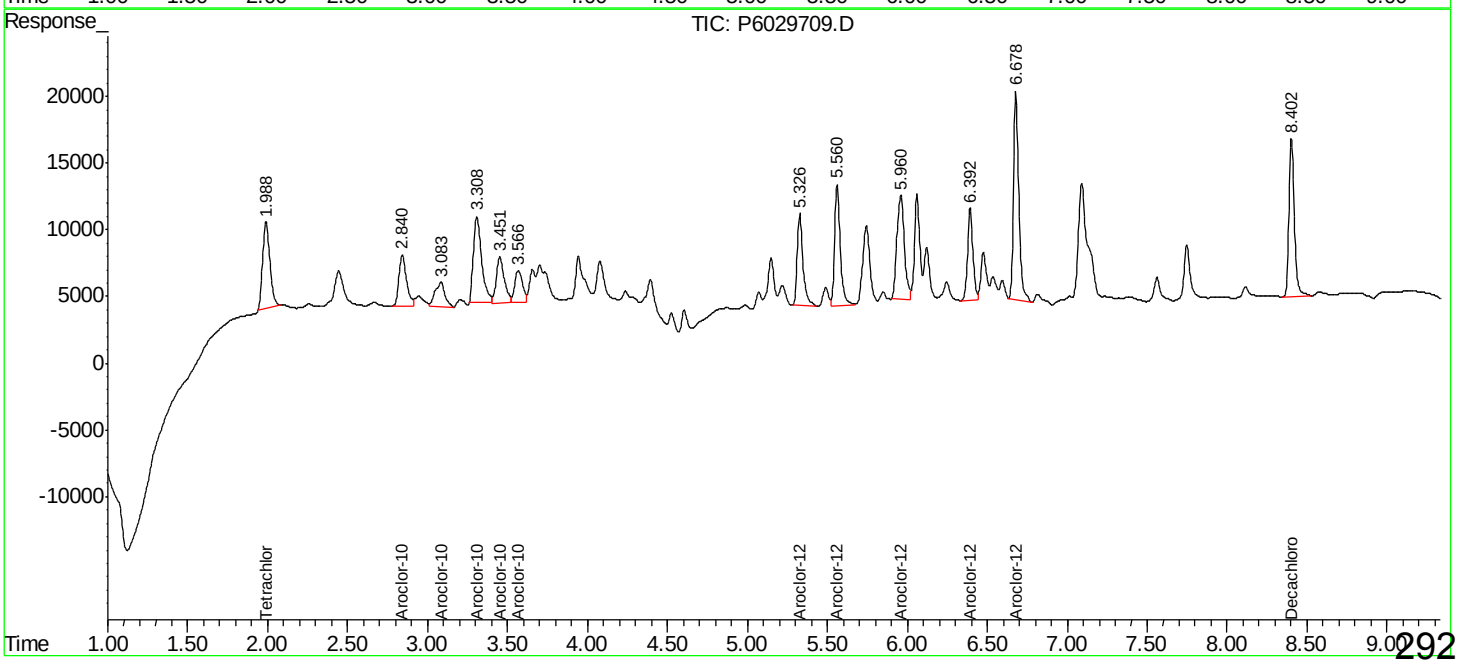
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:15
Operator : BI
Sample : A3816-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:51:17 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



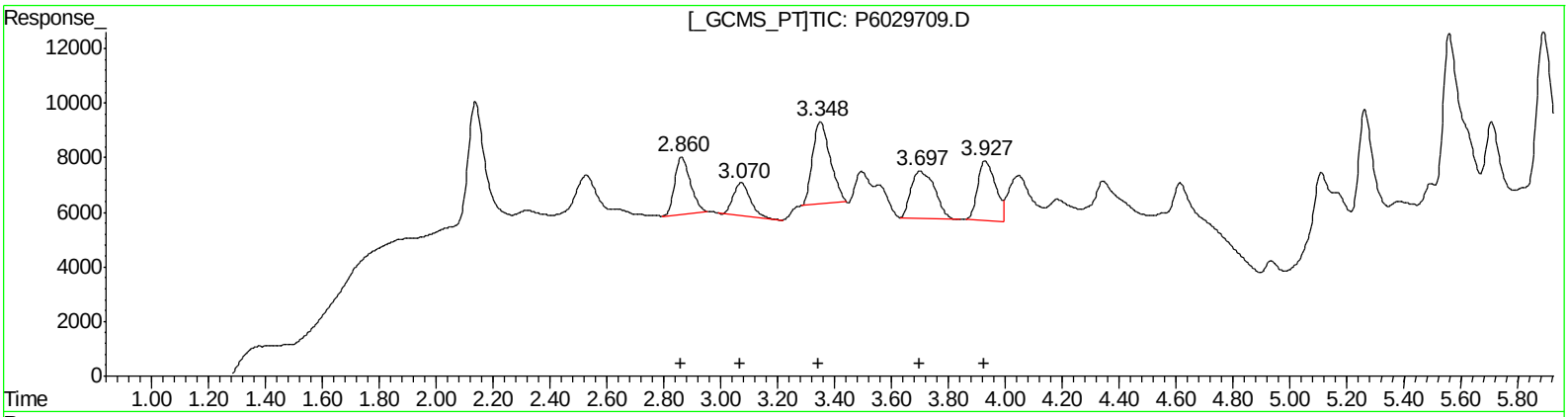


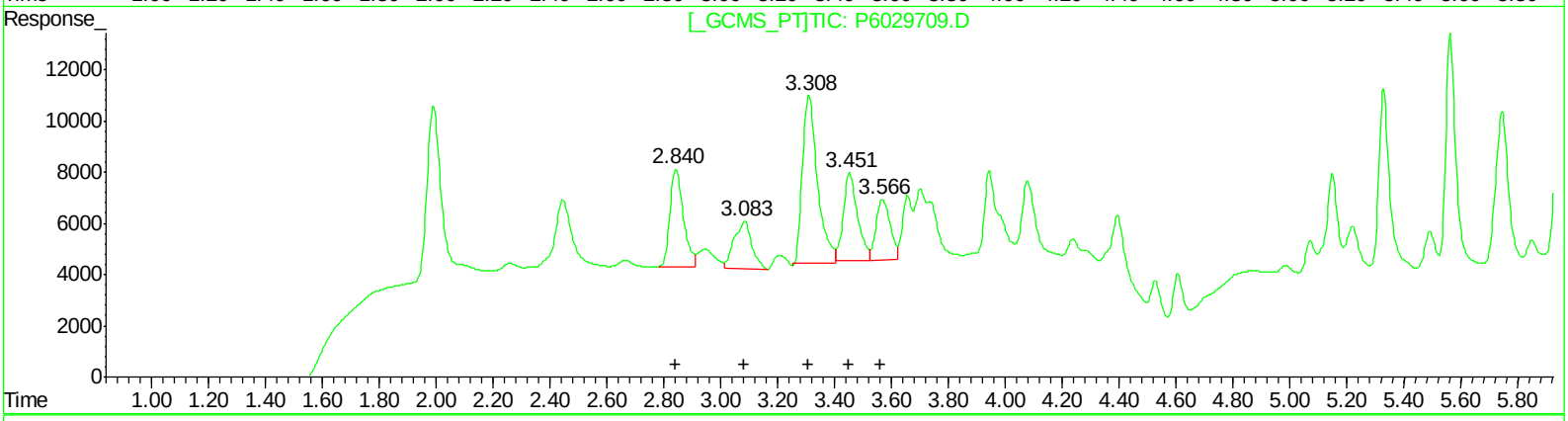
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:15
Operator : BI
Sample   : A3816-03MSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:46:36 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
2.86	79823	208.20
3.07	49429	199.15
3.35	130952	199.50
3.70	100906	215.24
3.93	96085	242.79

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.84	125934	204.80
3.08	78809	194.76
3.31	246601	213.62
3.45	124554	229.26
3.57	82581	212.51

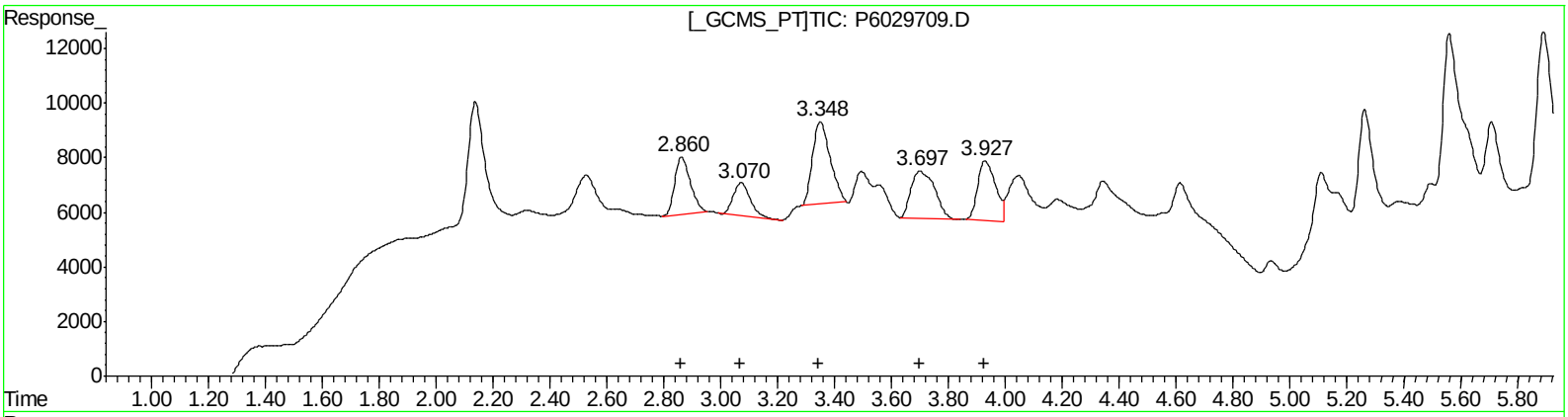
(+) = Expected Retention Time
P6070809.M Sat Aug 08 04:47:29 2009 GC/MS

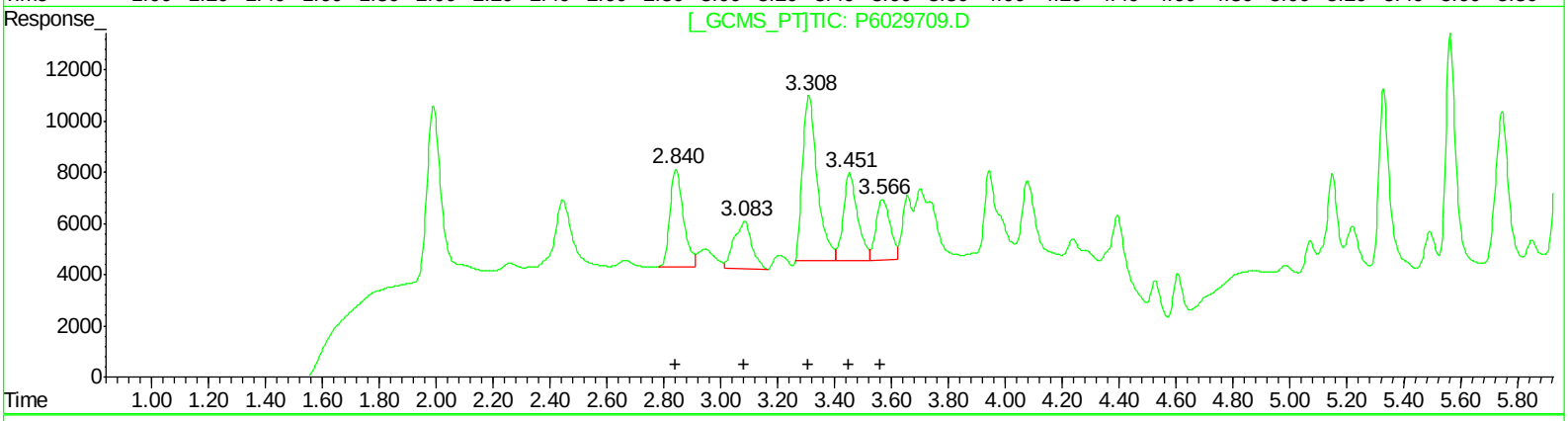
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:15
Operator : BI
Sample   : A3816-03MSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:46:36 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
2.86	79823	208.20
3.07	49429	199.15
3.35	130952	199.50
3.70	100906	215.24
3.93	96085	242.79

(3) Aroclor-1016-1 #2 (L1)

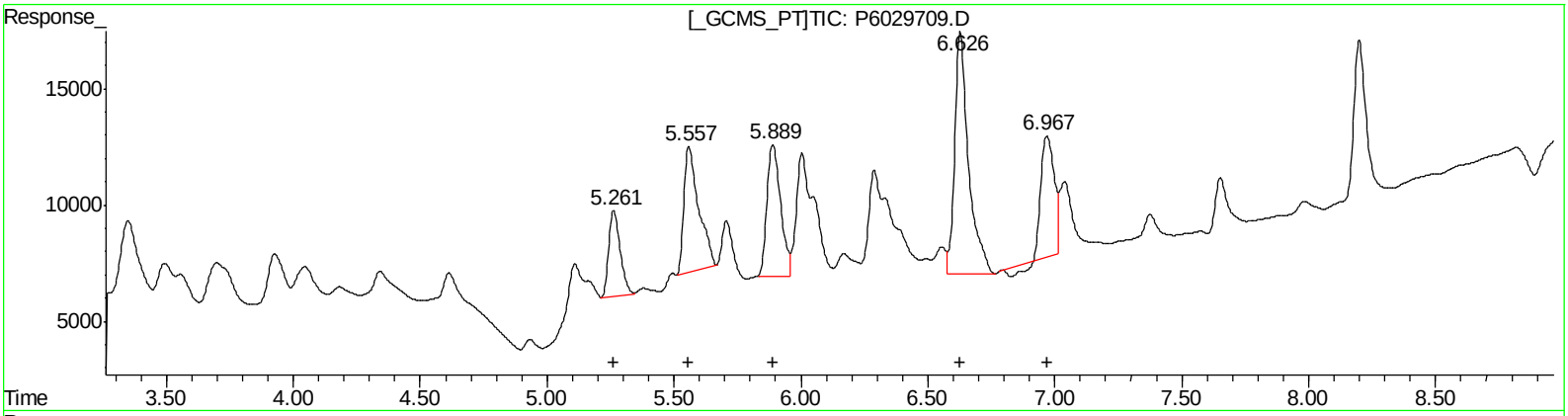
R.T.	Response	Conc
2.84	125934	204.80
3.08	78809	194.76
3.31	233388	202.18
3.45	124554	229.26
3.57	82581	212.51

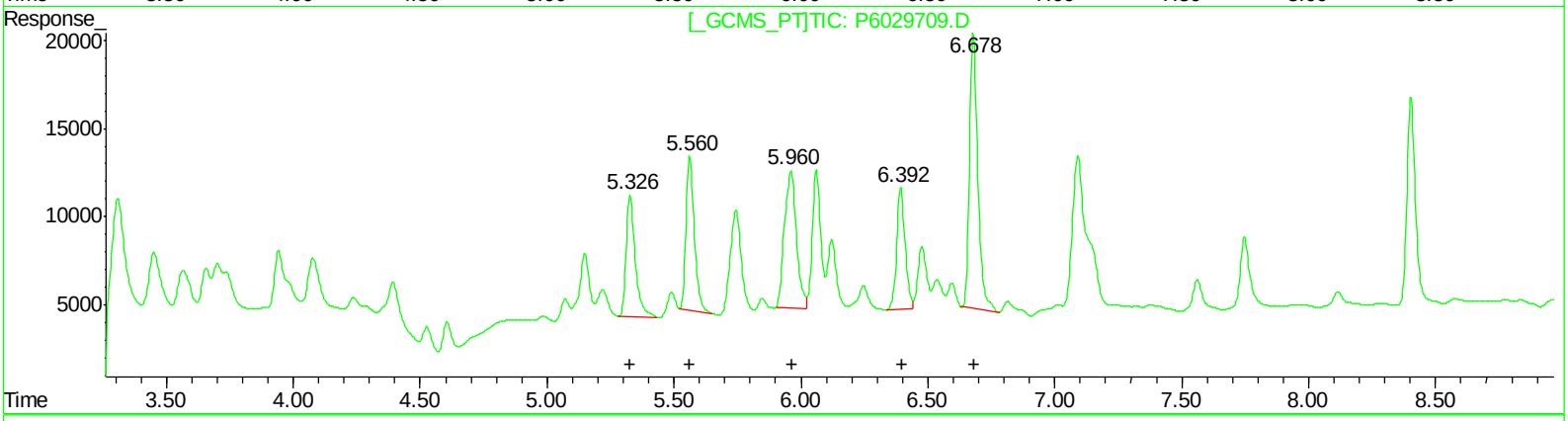
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:15
Operator : BI
Sample   : A3816-03MSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:46:36 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
5.26	116247	183.98
5.56	219012	177.25
5.89	210348	166.98
6.63	397967	195.47
6.97	178805	143.05

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	172747	193.78
5.56	199578	191.87
5.96	254769	184.98
6.39	159321	176.37
6.68	359264	187.34

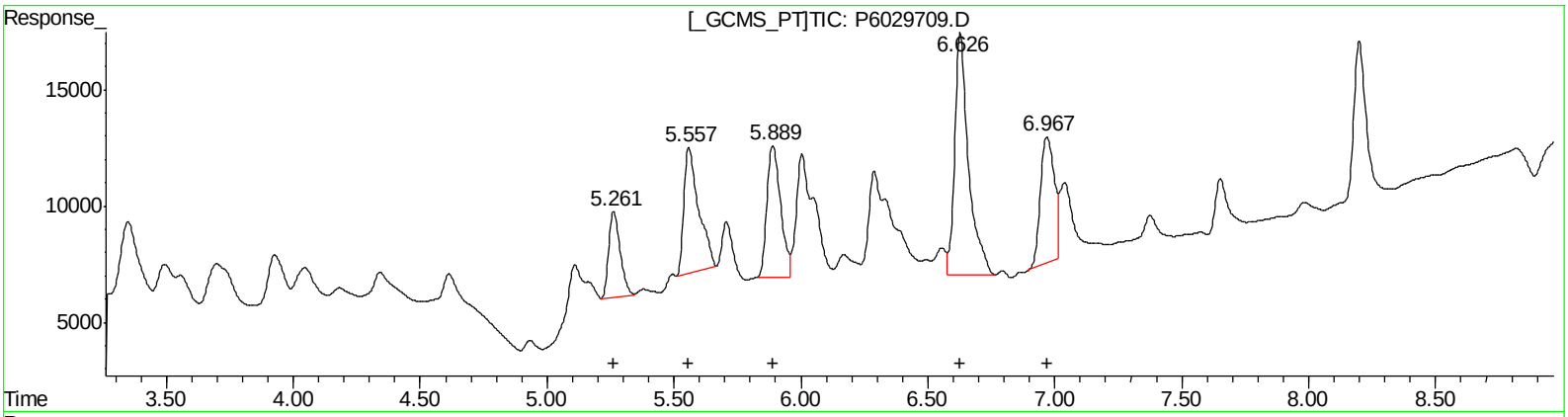
(+) = Expected Retention Time
P6070809.M Sat Aug 08 04:49:03 2009 GC/MS

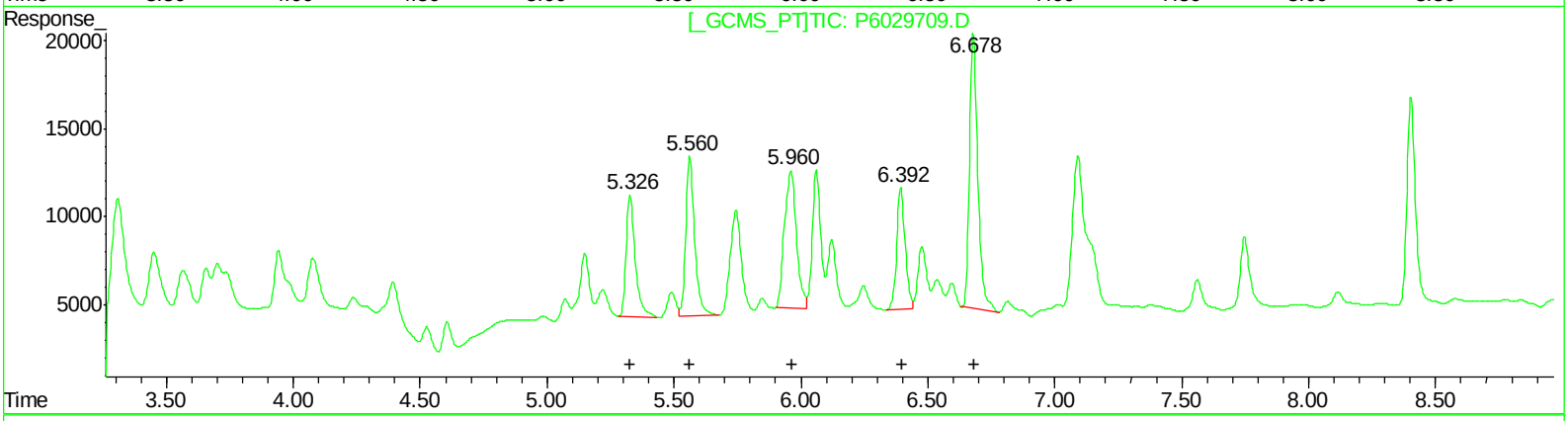
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 7 Aug 2009 17:15
Operator : BI
Sample   : A3816-03MSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:46:36 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : Rtx-CLPesticide   Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.26	116247	183.98
5.56	219012	177.25
5.89	210348	166.98
6.63	397967	195.47
6.97	210183	168.16

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
5.33	172747	193.78
5.56	221447	212.89
5.96	254769	184.98
6.39	159321	176.37
6.68	359264	187.34

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_6\Data\P6080709\
Data File : P6029709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 7 Aug 2009 17:15
Operator : BI
Sample : A3816-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:51:17 2009
Quant Method : P:\HPCHEM1\Ecd_6\Method\P6070809.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 08 17:28:03 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticide Signal #2 Phase: Rtx-CLPesticide II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	2.137	1.989	176498	204890	15.887	13.983
2)	SA Decachlor...	8.200	8.403	236106	277602	14.176	13.318
	Target Compounds						
3)	L1 Aroclor-1...	2.862	2.842	79823	125934	208.199	204.799
4)	L1 Aroclor-1...	3.071	3.084	49429	78809	199.155	194.758
5)	L1 Aroclor-1...	3.350	3.308	130952	233388	199.505	202.175m
6)	L1 Aroclor-1...	3.699	3.452	100906	124554	215.235	229.259
7)	L1 Aroclor-1...	3.928	3.567	96085	82581	242.789	212.513
31)	L7 Aroclor-1...	5.263	5.327	116247	172747	183.976	193.782
32)	L7 Aroclor-1...	5.559	5.560	219012	221447	177.246	212.891m
33)	L7 Aroclor-1...	5.890	5.961	210348	254769	166.976	184.977
34)	L7 Aroclor-1...	6.628	6.394	397967	159321	195.465	176.373
35)	L7 Aroclor-1...	6.967	6.679	210183	359264	168.156m	187.340

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB MISCELLANEOUSDATA

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	A3816	**OrderDate:**	8/5/2009 12:32:48 PM
Client:	C.T. Male & Associates	**Project:**	Old Troy Municipal Incine
Contact:	Kirk Moline	**Location:**	H52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
A3816-01	**SBM-7**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-04	**SBM-1**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-05	**SBM-8**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-06	**FDSS080309**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-07	**SBM-2**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-08	**SBM-11**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-09	**SBM-12**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-10	**SBM-4**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-11	**SBM-3**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-12	**SBM-5**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-13	**SBM-9**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-14	**EB080309**	**WATER**			**08/03/09**			**08/05/09**
			PCB	8082		08/05/09	08/06/09	

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

A3816-15	**SBM-10**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-16	**SBM-6**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-17	**SBM-6-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-18	**SBM-3-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-19	**SBM-4-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-20	**SBM-2-S-3**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-21	**SBM-9-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
A3816-22	**SBM-1-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: A3816 MATRIX: Water/soil

METHOD: 8082/3541/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

The Calibration File ID CCAL01 met the requirements except for Aroclor-1260 (peak 2,5) in second column

The Calibration File ID CCAL02 met the requirements except for Aroclor-1016(peak4)in first column .

The Calibration File ID CCAL02 met the requirements except for Aroclor-1260(peak 2,5) in second column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1016(peak 4) in first column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1260.(peak 1,2,3,4,5) in second column

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 4) in first column.

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak4) in first column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1016(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1016,1260(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1260(peak3,5) in second column. .

_____ _____

QA REVIEW Date

CHEMTECH **EXTRACTION LOGPAGE**

SOP#: M 3510

Matrix : Water

Clean Up Method: Sulfuric Acid. MGS

Review By:

Batch# PB43878

Extraction Date : 8/5/2009 12:00:00 AM

Extracted By : MGS

Method of Extraction

☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	2000PPB	GCP9123
Surrogate	1.0ML	200 PPB	GCP9338

Chemical Used	Lot Number
Methylene Chloride	ER1593
Sodium Sulfate	ER1567
Hexane	ER1590
H2SO4 1:1	X861

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 61 C

Received Date: 8/5/09

Delivered Date: 08/5/09

Envap Temperature: 40 C

Received By:

Delivered By:

Analysis Group: UA

Extraction Group: BP, DM, DP, MA, MBS, MGS, MM, RP

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43878**

Method: 8082 PCB Water **Supervisor Review:** _____ **Date:** 8/6/09

Initials: MG **Concentration Date:** 8/5/09

Extraction Date: 8/5/2009 12:00:00 AM **Initials:** MG

Lab Sample ID	Client Sample ID	Test	~~Weight/~~ Volume ml	PH	Ver. Sur./Soik	Final Vol. (mL)	Comments
A3816-14	EB080309	PCB	940	5	MG/DD	10	
A3823-06	TRC-181X-FB-06	PCB	950	5			
PB43878BL	PB43878BL	PCB	1000	5			TM 8/5/09
PB43878BS	PB43878BS	PCB	1000	5			
PB43878BSD	PB43878BSD	PCB	1000	5			

* Extracts relinquished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43878**

Method:_____ **Supervisor Review:**_____ **Date:**_____/_____/_____

Initials:_____ **Concentration Date:**_____/_____/_____

Extraction Date:_ 8/5/2009 12:00:00 AM **Initials:**_____

Lab Sample ID	Client Sample ID	Test	Weight/ Volume ml	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
A3816-14	EB080309	PCB	940	5	Max	10	
A3823-06	TRC-181X-FB-06	PCB	950	5	Max	10	
PB43878BL	PB43878BL	PCB	1000	5	Max	10	
PB43878BS	PB43878BS	PCB	1000	5	Max	10	
PB43878BSD	PB43878BSD	PCB	1000	5	Max	10	

* **Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.**

CHEMTECH **EXTRACTION LOGPAGE**

SOP ID: M 3541 **Batch#** PB43891

Matrix : Solid **Extraction Date :** 08/06/2009

Clean Up SOP #: Sulfuric Acid, **Review By :**

Weigh By: **Extraction By:** **Filter By:** **Concentration By:** MM

Balance check: **Weight 1:** (20.00g) 20.00g **Weight 2:** (120.00g - 120.01 gm.

Method of Extraction

☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	0.5ML	2000ppb	GCP9123
Surrogate	0.5ML	200 ppb	GCP9338

Chemical Used	Lot Number
Hexane	ER1590
Acetone	ER1589
Sodium Sulfate	ER1567
H2SO4 1:1	X861

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 60.2 C **Envap Temperature:** 40° C

Received Date: 8/7/09 **Received By:**

Delivered Date: 08/07/09 **Delivered By:** MM

Analysis Group: UA

Extraction Group: DP, (BP) MBS, (MM) RP, DM, MA, MGS

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43891**

Analytical Method: 8082/SOIL **Extraction Date:** 08/06/2009 **Concentration Date:** 08/07/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
PB43891BL	PB43891BL	PCB	15.04	NA	RP	RP	5	
PB43891BS	PB43891BS	PCB	15.02				5	
A3816-01	SBM-7	PCB	30.08				10	P/P Ext
A3816-02	A3816-01MS	PCB	15.11				5	
A3816-03	A3816-01MSD	PCB	15.04				5	
A3816-04	SBM-1	PCB	30.11				10	P/P Ext
A3816-05	SBM-8	PCB	30.05				10	
A3816-06	FDSS080309	PCB	30.08				10	
A3816-07	SBM-2	PCB	30.04				10	
A3816-08	SBM-11	PCB	30.06				10	
A3816-09	SBM-12	PCB	30.08				10	
A3816-10	SBM-4	PCB	30.05				10	
A3816-11	SBM-3	PCB	30.06				10	
A3816-12	SBM-5	PCB	30.08				10	
A3816-13	SBM-9	PCB	30.04				10	
A3816-15	SBM-10	PCB	30.06				10	
A3816-16	SBM-6	PCB	30.08				10	
A3816-17	SBM-6-S-2	PCB	30.05				10	
A3816-18	SBM-3-S-1	PCB	30.06				10	
A3816-19	SBM-4-S-1	PCB	30.05				10	
A3816-20	SBM-2-S-3	PCB	30.08				10	

* Extracts relinquished on the same date as received.

CHEMTECH EXTRACTION LOGPAGE PrepBatch ID PB43891

Analytical Method: 8082 / Soil Extraction Date: 08/06/2009 Concentration Date: 08/07/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
				NA	Added By	Verified By		
A3816-21	SBM-9-S-1	PCB	30.08	7	KM	BP	10	PFBEXT
A3816-22	SBM-1-S-2	PCB	30.05	7	"	"	10	"

8/7/09 KM

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43891**

Analytical Method: 8082/3510 **Extraction Date:** 08/06/2009 **Concentration Date:** 8/7/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
PB43891BL	PB43891BL	PCB	15.00	N/A	RajeshParikh	Bhupendra Patel	5	
PB43891BS	PB43891BS	PCB	15.02	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-01	SBM-7	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-02	A3816-01MS	PCB	15.11	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-03	A3816-01MSD	PCB	15.04	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-04	SBM-1	PCB	30.11	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-05	SBM-8	PCB	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-06	FDSS080309	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-07	SBM-2	PCB	30.04	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-08	SBM-11	PCB	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-09	SBM-12	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-10	SBM-4	PCB	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-11	SBM-3	PCB	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-12	SBM-5	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-13	SBM-9	PCB	30.04	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-15	SBM-10	PCB	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-16	SBM-6	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-17	SBM-6-S-2	PCB	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-18	SBM-3-S-1	PCB	30.06	N/A	RajeshParikh	Bhupendra Patel	10	

* **Extracts relinquished on the same date as received.**

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43891**

Analytical Method: 8082/SOIL **Extraction Date:** 08/06/2009 **Concentration Date:** 8/7/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
A3816-19	SBM-4-S-1	PCB	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-20	SBM-2-S-3	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-21	SBM-9-S-1	PCB	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-22	SBM-1-S-2	PCB	30.05	N/A	RajeshParikh	Bhupendra Patel	10	

* Extracts relinquished on the same date as received.

CHEMTECH

Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 50 PPB	P6028235.D	Aroclor-1016-1 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1016-2 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1016-3 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1016-4 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1016-5 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1016-5	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1260-1 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1260-2 #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1260-4	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Aroclor-1260-5	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly
1660 50 PPB	P6028235.D	Decachlorobiphenyl #2	BIRHA	7/8/2009 5:31:31 PM	ugo	7/14/2009 9:56:00 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
MDL CHECK SOIL	P6028245.D	Aroclor-1016-2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028245.D	Aroclor-1016-5	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028245.D	Aroclor-1016-1 #2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Incorrect baseline
MDL CHECK SOIL	P6028245.D	Aroclor-1016-2 #2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Incorrect baseline
MDL CHECK SOIL	P6028245.D	Aroclor-1016-3 #2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028245.D	Aroclor-1016-4 #2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Incorrect baseline
MDL CHECK SOIL	P6028245.D	Aroclor-1016-5 #2	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Incorrect baseline
MDL CHECK SOIL	P6028245.D	Aroclor-1260-4	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Incorrect baseline
MDL CHECK SOIL	P6028245.D	Aroclor-1260-5	birha	7/9/2009 3:32:48 PM	ugo	7/14/2009 9:56:36 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028246.D	Aroclor-1016-2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028246.D	Aroclor-1016-5	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Incorrect baseline
MDL CHECK WATER	P6028246.D	Aroclor-1016-1 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
MDL CHECK WATER	P6028246.D	Aroclor-1016-2 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Incorrect baseline
MDL CHECK WATER	P6028246.D	Aroclor-1016-4 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028246.D	Aroclor-1016-5 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Incorrect baseline
MDL CHECK WATER	P6028246.D	Aroclor-1260-4	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028246.D	Aroclor-1260-5	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Incorrect baseline
MDL CHECK WATER	P6028246.D	Aroclor-1260-1 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028246.D	Aroclor-1260-2 #2	birha	7/9/2009 3:32:55 PM	ugo	7/14/2009 9:56:54 AM	Incorrect baseline
MDL CHECK SOIL	P6028247.D	Aroclor-1016-2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1016-5	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1016-1 #2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1016-2 #2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1016-3 #2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
MDL CHECK SOIL	P6028247.D	Aroclor-1016-4 #2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1016-5 #2	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1260-4	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK SOIL	P6028247.D	Aroclor-1260-5	birha	7/9/2009 3:33:01 PM	ugo	7/14/2009 9:57:02 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-3	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-1 #2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-2 #2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-3 #2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-4 #2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1016-5 #2	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
MDL CHECK WATER	P6028248.D	Aroclor-1260-4	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
MDL CHECK WATER	P6028248.D	Aroclor-1260-5	birha	7/9/2009 3:33:06 PM	ugo	7/14/2009 9:57:08 AM	Peak Integrated by Software incorrectly
PB43291BL	P6028249.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:21 AM	birha	7/9/2009 3:33:13 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-1	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-2	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-3	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-1 #2	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-2 #2	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1016-3 #2	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1260-4	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
PB43291BS	P6028250.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43291BS	P6028250.D	Aroclor-1260-4 #2	yogesh	7/9/2009 7:16:23 AM	birha	7/9/2009 3:33:19 PM	Peak Integrated by Software incorrectly
A3425-01	P6028251.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:25 AM	birha	7/9/2009 3:33:24 PM	Peak Integrated by Software incorrectly
A3425-02	P6028252.D	Aroclor-1254-3	yogesh	7/9/2009 7:16:26 AM	birha	7/9/2009 3:33:29 PM	Peak Integrated by Software incorrectly
A3425-03	P6028253.D	Aroclor-1254-2	yogesh	7/9/2009 7:16:29 AM	birha	7/9/2009 3:33:37 PM	Peak Integrated by Software incorrectly
A3425-03	P6028253.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:29 AM	birha	7/9/2009 3:33:37 PM	Peak Integrated by Software incorrectly
A3425-03	P6028253.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:29 AM	birha	7/9/2009 3:33:37 PM	Peak Integrated by Software incorrectly
A3425-04	P6028254.D	Aroclor-1254-2	yogesh	7/9/2009 7:16:33 AM	birha	7/9/2009 3:33:42 PM	Peak Integrated by Software incorrectly
1660 1000	P6028258.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:33 AM	birha	7/9/2009 3:33:57 PM	Peak Integrated by Software incorrectly
1660 1000	P6028258.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:33 AM	birha	7/9/2009 3:33:57 PM	Peak Integrated by Software incorrectly
1660 1000	P6028258.D	Aroclor-1260-5 #2	yogesh	7/9/2009 7:16:33 AM	birha	7/9/2009 3:33:57 PM	Peak Integrated by Software incorrectly
A3425-06	P6028260.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:34 AM	birha	7/9/2009 3:34:02 PM	Peak Integrated by Software incorrectly
A3425-07	P6028261.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:35 AM	birha	7/9/2009 3:34:07 PM	Peak Integrated by Software incorrectly

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3425-08MS	P6028262.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:38 AM	birha	7/9/2009 3:34:11 PM	Peak Integrated by Software incorrectly
A3425-08MS	P6028262.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:38 AM	birha	7/9/2009 3:34:11 PM	Peak Integrated by Software incorrectly
A3425-08MS	P6028262.D	Aroclor-1260-2 #2	yogesh	7/9/2009 7:16:38 AM	birha	7/9/2009 3:34:11 PM	Peak Integrated by Software incorrectly
A3425-08MS	P6028262.D	Aroclor-1260-4 #2	yogesh	7/9/2009 7:16:38 AM	birha	7/9/2009 3:34:11 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1016-1 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1016-3 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1016-4 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1016-5 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1016-2 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1260-2 #2	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
A3425-09MSD	P6028263.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:40 AM	birha	7/9/2009 3:34:16 PM	Peak Integrated by Software incorrectly
1660 1000	P6028272.D	Aroclor-1016-3 #2	yogesh	7/9/2009 7:16:43 AM	birha	7/9/2009 3:34:22 PM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 1000	P6028272.D	Aroclor-1016-4 #2	yogesh	7/9/2009 7:16:43 AM	birha	7/9/2009 3:34:22 PM	Peak Integrated by Software incorrectly
1660 1000	P6028272.D	Aroclor-1016-5 #2	yogesh	7/9/2009 7:16:43 AM	birha	7/9/2009 3:34:22 PM	Peak Integrated by Software incorrectly
1660 1000	P6028272.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:43 AM	birha	7/9/2009 3:34:22 PM	Peak Integrated by Software incorrectly
1660 1000	P6028272.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:43 AM	birha	7/9/2009 3:34:22 PM	Peak Integrated by Software incorrectly
A3425-15	P6028273.D	Decachlorobiphenyl #2	yogesh	7/9/2009 7:16:44 AM	birha	7/9/2009 3:34:27 PM	Peak Integrated by Software incorrectly
A3425-20	P6028278.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:46 AM	birha	7/9/2009 3:34:32 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Tetrachloro-m-xylene	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Decachlorobiphenyl #2	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Aroclor-1016-1 #2	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Aroclor-1016-2 #2	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Aroclor-1260-2 #2	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
PB43281BS	P6028281.D	Aroclor-1260-1 #2	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43281BS	P6028281.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:47 AM	birha	7/9/2009 3:34:38 PM	Peak Integrated by Software incorrectly
1660 1000	P6028285.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:50 AM	birha	7/9/2009 3:34:43 PM	Peak Integrated by Software incorrectly
1660 1000	P6028285.D	Aroclor-1260-3 #2	yogesh	7/9/2009 7:16:50 AM	birha	7/9/2009 3:34:43 PM	Peak Integrated by Software incorrectly
A3433-01	P6028286.D	Decachlorobiphenyl	yogesh	7/9/2009 7:22:23 AM	ugo	7/14/2009 9:57:19 AM	Peak Integrated by Software incorrectly
A3433-01	P6028286.D	Decachlorobiphenyl #2	yogesh	7/9/2009 7:22:23 AM	ugo	7/14/2009 9:57:19 AM	Peak Integrated by Software incorrectly
A3433-01	P6028286.D	Aroclor-1248-2	yogesh	7/9/2009 7:22:23 AM	ugo	7/14/2009 9:57:19 AM	Peak Integrated by Software incorrectly
A3433-04	P6028289.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:53 AM	birha	7/9/2009 3:34:47 PM	Peak Integrated by Software incorrectly
A3433-04	P6028289.D	Decachlorobiphenyl #2	yogesh	7/9/2009 7:16:53 AM	birha	7/9/2009 3:34:47 PM	Peak Integrated by Software incorrectly
A3423-01	P6028290.D	Tetrachloro-m-xylene	yogesh	7/9/2009 7:16:54 AM	birha	7/9/2009 3:35:05 PM	Peak Integrated by Software incorrectly
A3423-01	P6028290.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:54 AM	birha	7/9/2009 3:35:05 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Decachlorobiphenyl	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Aroclor-1016-2	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3423-01MS	P6028291.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Aroclor-1016-5	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Aroclor-1016-3 #2	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Aroclor-1016-1 #2	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MS	P6028291.D	Aroclor-1260-1 #2	yogesh	7/9/2009 7:16:56 AM	birha	7/9/2009 3:35:10 PM	Peak Integrated by Software incorrectly
A3423-01MSD	P6028292.D	Tetrachloro-m-xylene #2	yogesh	7/9/2009 7:16:58 AM	birha	7/9/2009 3:35:15 PM	Peak Integrated by Software incorrectly
A3423-01MSD	P6028292.D	Aroclor-1016-2	yogesh	7/9/2009 7:16:58 AM	birha	7/9/2009 3:35:15 PM	Peak Integrated by Software incorrectly
A3423-01MSD	P6028292.D	Aroclor-1016-4	yogesh	7/9/2009 7:16:58 AM	birha	7/9/2009 3:35:15 PM	Peak Integrated by Software incorrectly
A3423-01MSD	P6028292.D	Aroclor-1260-1 #2	yogesh	7/9/2009 7:16:58 AM	birha	7/9/2009 3:35:15 PM	Peak Integrated by Software incorrectly
PB43294BS	P6028294.D	Aroclor-1016-1 #2	yogesh	7/9/2009 7:16:59 AM	birha	7/9/2009 3:35:20 PM	Peak Integrated by Software incorrectly
PB43294BS	P6028294.D	Aroclor-1260-5	yogesh	7/9/2009 7:16:59 AM	birha	7/9/2009 3:35:20 PM	Peak Integrated by Software incorrectly
A3429-01	P6028295.D	Aroclor-1260-2	yogesh	7/9/2009 7:17:02 AM	birha	7/9/2009 3:35:26 PM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3429-01	P6028295.D	Aroclor-1260-5 #2	yogesh	7/9/2009 7:17:02 AM	birha	7/9/2009 3:35:26 PM	Peak Integrated by Software incorrectly
1660 1000	P6028299.D	Aroclor-1016-4	yogesh	7/9/2009 7:25:32 AM	birha	7/9/2009 3:35:31 PM	Peak Integrated by Software incorrectly
1660 1000	P6028299.D	Aroclor-1260-5 #2	yogesh	7/9/2009 7:25:32 AM	birha	7/9/2009 3:35:31 PM	Peak Integrated by Software incorrectly
A3429-02	P6028300.D	Decachlorobiphenyl #2	birha	7/9/2009 3:35:39 PM	ugo	7/14/2009 9:57:29 AM	Peak Integrated by Software incorrectly
A3429-02	P6028300.D	Aroclor-1260-5	birha	7/9/2009 3:35:39 PM	ugo	7/14/2009 9:57:29 AM	Peak Integrated by Software incorrectly
A3429-03	P6028301.D	Aroclor-1260-5	birha	7/9/2009 3:35:47 PM	ugo	7/14/2009 9:57:38 AM	Peak Integrated by Software incorrectly
A3429-03	P6028301.D	Aroclor-1260-2 #2	birha	7/9/2009 3:35:47 PM	ugo	7/14/2009 9:57:38 AM	Peak Integrated by Software incorrectly
A3429-03	P6028301.D	Aroclor-1260-5 #2	birha	7/9/2009 3:35:47 PM	ugo	7/14/2009 9:57:38 AM	Peak Integrated by Software incorrectly
A3429-04	P6028302.D	Aroclor-1260-2	birha	7/9/2009 3:35:55 PM	ugo	7/14/2009 9:57:46 AM	Peak Integrated by Software incorrectly
A3429-04	P6028302.D	Aroclor-1260-5	birha	7/9/2009 3:35:55 PM	ugo	7/14/2009 9:57:46 AM	Peak Integrated by Software incorrectly
A3429-04	P6028302.D	Aroclor-1260-2 #2	birha	7/9/2009 3:35:55 PM	ugo	7/14/2009 9:57:46 AM	Peak Integrated by Software incorrectly
A3429-11	P6028309.D	Aroclor-1260-5	birha	7/9/2009 3:36:04 PM	ugo	7/14/2009 9:59:52 AM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3429-11	P6028309.D	Aroclor-1260-5 #2	birha	7/9/2009 3:36:04 PM	ugo	7/14/2009 9:59:52 AM	Peak Integrated by Software incorrectly
A3429-11	P6028309.D	Aroclor-1260-2	birha	7/9/2009 3:36:04 PM	ugo	7/14/2009 9:59:52 AM	Peak Integrated by Software incorrectly
A3429-11	P6028309.D	Aroclor-1260-4	birha	7/9/2009 3:36:04 PM	ugo	7/14/2009 9:59:52 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Aroclor-1260-1 #2	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Aroclor-1260-1	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Aroclor-1260-2	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Aroclor-1260-4	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Aroclor-1260-5	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-15	P6028315.D	Decachlorobiphenyl #2	birha	7/9/2009 3:36:21 PM	ugo	7/14/2009 10:00:01 AM	Peak Integrated by Software incorrectly
A3429-16	P6028316.D	Aroclor-1260-1 #2	birha	7/9/2009 3:36:27 PM	ugo	7/14/2009 10:00:09 AM	Peak Integrated by Software incorrectly
A3429-16	P6028316.D	Aroclor-1260-5	birha	7/9/2009 3:36:27 PM	ugo	7/14/2009 10:00:09 AM	Peak Integrated by Software incorrectly
A3429-17	P6028317.D	Aroclor-1260-5	birha	7/9/2009 3:36:32 PM	ugo	7/14/2009 10:00:16 AM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3429-20	P6028320.D	Aroclor-1260-2 #2	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-20	P6028320.D	Aroclor-1260-3	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-20	P6028320.D	Aroclor-1260-4	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-20	P6028320.D	Aroclor-1260-5	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-20	P6028320.D	Aroclor-1260-5 #2	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-20	P6028320.D	Aroclor-1260-4 #2	birha	7/9/2009 3:36:37 PM	ugo	7/14/2009 10:00:25 AM	Peak Integrated by Software incorrectly
A3429-21	P6028321.D	Decachlorobiphenyl	birha	7/9/2009 3:36:42 PM	ugo	7/14/2009 10:00:32 AM	Peak Integrated by Software incorrectly
A3429-21	P6028321.D	Decachlorobiphenyl #2	birha	7/9/2009 3:36:42 PM	ugo	7/14/2009 10:00:32 AM	Peak Integrated by Software incorrectly
A3429-12MS	P6028322.D	Aroclor-1016-2	birha	7/9/2009 3:36:46 PM	ugo	7/14/2009 10:00:38 AM	Peak Integrated by Software incorrectly
A3429-12MS	P6028322.D	Aroclor-1260-5	birha	7/9/2009 3:36:46 PM	ugo	7/14/2009 10:00:38 AM	Peak Integrated by Software incorrectly
A3429-12MS	P6028322.D	Aroclor-1260-1 #2	birha	7/9/2009 3:36:46 PM	ugo	7/14/2009 10:00:38 AM	Peak Integrated by Software incorrectly
A3429-13MSD	P6028323.D	Aroclor-1016-2	birha	7/9/2009 3:36:51 PM	ugo	7/14/2009 10:00:43 AM	Peak Integrated by Software incorrectly

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3429-13MSD	P6028323.D	Aroclor-1016-3 #2	birha	7/9/2009 3:36:51 PM	ugo	7/14/2009 10:00:43 AM	Peak Integrated by Software incorrectly
A3429-13MSD	P6028323.D	Aroclor-1260-5	birha	7/9/2009 3:36:51 PM	ugo	7/14/2009 10:00:43 AM	Peak Integrated by Software incorrectly
A3429-13MSD	P6028323.D	Aroclor-1260-5 #2	birha	7/9/2009 3:36:51 PM	ugo	7/14/2009 10:00:43 AM	Peak Integrated by Software incorrectly
A3429-13MSD	P6028323.D	Aroclor-1260-1 #2	birha	7/9/2009 3:36:51 PM	ugo	7/14/2009 10:00:43 AM	Peak Integrated by Software incorrectly
A3429-22	P6028328.D	Aroclor-1260-5	birha	7/9/2009 3:36:57 PM	ugo	7/14/2009 10:01:00 AM	Peak Integrated by Software incorrectly
A3429-22	P6028328.D	Aroclor-1260-1	birha	7/9/2009 3:36:57 PM	ugo	7/14/2009 10:01:00 AM	Peak Integrated by Software incorrectly
A3429-22	P6028328.D	Aroclor-1260-1 #2	birha	7/9/2009 3:36:57 PM	ugo	7/14/2009 10:01:00 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-1	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-4	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-1 #2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-3 #2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43295BS	P6028332.D	Aroclor-1016-4 #2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1016-2 #2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1260-2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
PB43295BS	P6028332.D	Aroclor-1260-1 #2	yogesh	7/10/2009 2:24:27 AM	ugo	7/14/2009 10:01:10 AM	Peak Integrated by Software incorrectly
A3430-01	P6028333.D	Decachlorobiphenyl	yogesh	7/10/2009 2:24:29 AM	ugo	7/14/2009 10:01:35 AM	Peak Integrated by Software incorrectly
A3430-01	P6028333.D	Decachlorobiphenyl #2	yogesh	7/10/2009 2:24:29 AM	ugo	7/14/2009 10:01:35 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-2	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-4	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-5	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-1 #2	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-2 #2	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly
A3430-02	P6028334.D	Aroclor-1260-5 #2	yogesh	7/10/2009 2:24:31 AM	ugo	7/14/2009 10:02:44 AM	Peak Integrated by Software incorrectly

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Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3430-03	P6028335.D	Aroclor-1260-1 #2	yogesh	7/10/2009 2:24:32 AM	ugo	7/14/2009 10:03:00 AM	Peak Integrated by Software incorrectly
A3430-03	P6028335.D	Aroclor-1260-2	yogesh	7/10/2009 2:24:32 AM	ugo	7/14/2009 10:03:00 AM	Peak Integrated by Software incorrectly
A3430-03	P6028335.D	Aroclor-1260-2 #2	yogesh	7/10/2009 2:24:32 AM	ugo	7/14/2009 10:03:00 AM	Peak Integrated by Software incorrectly
A3430-03	P6028335.D	Aroclor-1260-3 #2	yogesh	7/10/2009 2:24:32 AM	ugo	7/14/2009 10:03:00 AM	Peak Integrated by Software incorrectly
A3430-03	P6028335.D	Aroclor-1260-5	yogesh	7/10/2009 2:24:32 AM	ugo	7/14/2009 10:03:00 AM	Peak Integrated by Software incorrectly
A3430-04	P6028336.D	Aroclor-1260-5	yogesh	7/10/2009 2:24:35 AM	ugo	7/14/2009 10:02:49 AM	Peak Integrated by Software incorrectly
A3430-04	P6028336.D	Aroclor-1260-1 #2	yogesh	7/10/2009 2:24:35 AM	ugo	7/14/2009 10:02:49 AM	Peak Integrated by Software incorrectly
A3430-04	P6028336.D	Aroclor-1260-2 #2	yogesh	7/10/2009 2:24:35 AM	ugo	7/14/2009 10:02:49 AM	Peak Integrated by Software incorrectly
A3430-04	P6028336.D	Aroclor-1260-3 #2	yogesh	7/10/2009 2:24:35 AM	ugo	7/14/2009 10:02:49 AM	Peak Integrated by Software incorrectly
A3430-05	P6028337.D	Aroclor-1260-5	yogesh	7/10/2009 2:24:37 AM	ugo	7/14/2009 10:03:06 AM	Peak Integrated by Software incorrectly
A3430-05	P6028337.D	Aroclor-1260-1 #2	yogesh	7/10/2009 2:24:37 AM	ugo	7/14/2009 10:03:06 AM	Peak Integrated by Software incorrectly
A3430-05	P6028337.D	Aroclor-1260-2 #2	yogesh	7/10/2009 2:24:37 AM	ugo	7/14/2009 10:03:06 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6070809	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 1000	P6028341.D	Aroclor-1016-4	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly
1660 1000	P6028341.D	Aroclor-1016-3 #2	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly
1660 1000	P6028341.D	Aroclor-1016-4 #2	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly
1660 1000	P6028341.D	Aroclor-1016-5 #2	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly
1660 1000	P6028341.D	Aroclor-1260-2	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly
1660 1000	P6028341.D	Aroclor-1260-3 #2	yogesh	7/10/2009 2:24:40 AM	ugo	7/14/2009 10:03:11 AM	Peak Integrated by Software incorrectly

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	STD TEST	P6028227.D	8 Jul 2009 11:05	BI	Ok
2	HEXANE	P6028228.D	8 Jul 2009 11:52	BI	Not Ok
3	HEXANE	P6028229.D	8 Jul 2009 12:05	BI	Not Ok
4	I.BLK	P6028230.D	8 Jul 2009 12:19	BI	Ok
5	1660 1000 PPB	P6028231.D	8 Jul 2009 12:32	BI	Ok
6	1660 750 PPB	P6028232.D	8 Jul 2009 12:45	BI	Ok
7	1660 500 PPB	P6028233.D	8 Jul 2009 12:58	BI	Ok
8	1660 250 PPB	P6028234.D	8 Jul 2009 13:11	BI	Ok
9	1660 50 PPB	P6028235.D	8 Jul 2009 13:24	BI	Ok,M

10	1660 100 PPB	P6028236.D	8 Jul 2009 15:21	BI	Ok
11	AR1221 500 PPB	P6028237.D	8 Jul 2009 15:35	BI	Ok
12	AR1232 500 PPB	P6028238.D	8 Jul 2009 15:48	BI	Ok
13	AR1242 500 PPB	P6028239.D	8 Jul 2009 16:01	BI	Ok
14	AR1248 500 PPB	P6028240.D	8 Jul 2009 16:14	BI	Ok
15	AR1254 500 PPB	P6028241.D	8 Jul 2009 16:27	BI	Ok
16	1660 500 ICV	P6028242.D	8 Jul 2009 16:42	BI	Ok
17	I.BLK	P6028243.D	8 Jul 2009 18:20	BI	Ok
18	1660 1000	P6028244.D	8 Jul 2009 18:33	BI	Ok
19	MDL CHECK SOIL	P6028245.D	8 Jul 2009 18:53	BI	Ok,M
20	MDL CHECK WATER	P6028246.D	8 Jul 2009 19:06	BI	Ok,M
21	MDL CHECK SOIL	P6028247.D	8 Jul 2009 19:18	BI	Ok,M

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	MDL CHECK WATER	P6028248.D	8 Jul 2009 19:31	BI	Ok,M
23	PB43291BL	P6028249.D	8 Jul 2009 19:45	BI	Ok,M
24	PB43291BS	P6028250.D	8 Jul 2009 19:59	BI	Ok,M
25	A3425-01	P6028251.D	8 Jul 2009 20:12	BI	Ok,M
26	A3425-02	P6028252.D	8 Jul 2009 20:25	BI	Ok,M
27	A3425-03	P6028253.D	8 Jul 2009 20:38	BI	Ok,M
28	A3425-04	P6028254.D	8 Jul 2009 20:51	BI	Ok,M
29	HEXANE	P6028255.D	8 Jul 2009 21:04	BI	Ok
30	HEXANE	P6028256.D	8 Jul 2009 21:17	BI	Ok
31	I.BLK	P6028257.D	8 Jul 2009 21:30	BI	Ok
32	1660 1000	P6028258.D	8 Jul 2009 21:43	BI	Ok,M
33	A3425-05	P6028259.D	8 Jul 2009 21:56	BI	Ok
34	A3425-06	P6028260.D	8 Jul 2009 22:09	BI	Ok,M
35	A3425-07	P6028261.D	8 Jul 2009 22:22	BI	Ok,M
36	A3425-08MS	P6028262.D	8 Jul 2009 22:35	BI	Ok,M
37	A3425-09MSD	P6028263.D	8 Jul 2009 22:48	BI	Ok,M
38	A3425-10	P6028264.D	8 Jul 2009 23:02	BI	Ok
39	A3425-11	P6028265.D	8 Jul 2009 23:15	BI	Ok
40	A3425-12	P6028266.D	8 Jul 2009 23:28	BI	Ok
41	A3425-13	P6028267.D	8 Jul 2009 23:41	BI	Ok

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	A3425-14	P6028268.D	8 Jul 2009 23:54	BI	Ok
43	HEXANE	P6028269.D	9 Jul 2009 00:07	BI	Ok
44	HEXANE	P6028270.D	9 Jul 2009 00:20	BI	Ok
45	I.BLK	P6028271.D	9 Jul 2009 00:33	BI	Ok
46	1660 1000	P6028272.D	9 Jul 2009 00:46	BI	Ok,M
47	A3425-15	P6028273.D	9 Jul 2009 00:59	BI	Ok,M
48	A3425-16	P6028274.D	9 Jul 2009 1:12	BI	Ok
49	A3425-17	P6028275.D	9 Jul 2009 1:25	BI	Ok
50	A3425-18	P6028276.D	9 Jul 2009 1:38	BI	Ok
51	A3425-19	P6028277.D	9 Jul 2009 1:51	BI	Ok
52	A3425-20	P6028278.D	9 Jul 2009 2:05	BI	Ok,M
53	A3425-21	P6028279.D	9 Jul 2009 2:18	BI	Ok
54	PB43281BL	P6028280.D	9 Jul 2009 2:31	BI	Ok
55	PB43281BS	P6028281.D	9 Jul 2009 2:44	BI	Not Ok
56	HEXANE	P6028282.D	9 Jul 2009 2:57	BI	Ok
57	HEXANE	P6028283.D	9 Jul 2009 3:10	BI	Ok
58	I.BLK	P6028284.D	9 Jul 2009 3:23	BI	Ok
59	1660 1000	P6028285.D	9 Jul 2009 3:36	BI	Ok,M
60	A3433-01	P6028286.D	9 Jul 2009 3:49	BI	Ok,M
61	A3433-02	P6028287.D	9 Jul 2009 4:02	BI	Ok

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
62	A3433-03	P6028288.D	9 Jul 2009 4:15	BI	Ok
63	A3433-04	P6028289.D	9 Jul 2009 4:28	BI	Ok,M
64	A3423-01	P6028290.D	9 Jul 2009 4:41	BI	Not Ok
65	A3423-01MS	P6028291.D	9 Jul 2009 4:54	BI	Ok,M
66	A3423-01MSD	P6028292.D	9 Jul 2009 5:07	BI	Ok,M
67	PB43294BL	P6028293.D	9 Jul 2009 5:21	BI	Ok
68	PB43294BS	P6028294.D	9 Jul 2009 5:34	BI	Ok,M
69	A3429-01	P6028295.D	9 Jul 2009 5:47	BI	Dilution
70	HEXANE	P6028296.D	9 Jul 2009 5:59	BI	Ok
71	HEXANE	P6028297.D	9 Jul 2009 6:13	BI	Ok
72	I.BLK	P6028298.D	9 Jul 2009 6:26	BI	Ok
73	1660 1000	P6028299.D	9 Jul 2009 6:39	BI	Ok,M
74	A3429-02	P6028300.D	9 Jul 2009 6:52	BI	Ok,M
75	A3429-03	P6028301.D	9 Jul 2009 7:05	BI	Ok,M
76	A3429-04	P6028302.D	9 Jul 2009 7:18	BI	Ok,M
77	A3429-05	P6028303.D	9 Jul 2009 7:31	BI	Ok
78	A3429-06	P6028304.D	9 Jul 2009 7:44	BI	Ok
79	A3429-07	P6028305.D	9 Jul 2009 7:57	BI	Ok
80	A3429-08	P6028306.D	9 Jul 2009 8:10	BI	Ok
81	A3429-09	P6028307.D	9 Jul 2009 8:23	BI	Ok

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
82	A3429-10	P6028308.D	9 Jul 2009 8:37	BI	Dilution
83	A3429-11	P6028309.D	9 Jul 2009 8:50	BI	Ok,M
84	HEXANE	P6028310.D	9 Jul 2009 9:04	BI	Not Ok
85	HEXANE	P6028311.D	9 Jul 2009 9:17	BI	Not Ok
86	I.BLK	P6028312.D	9 Jul 2009 9:30	BI	Ok
87	1660 1000	P6028313.D	9 Jul 2009 9:43	BI	Ok
88	A3429-14	P6028314.D	9 Jul 2009 9:56	BI	ReRun
89	A3429-15	P6028315.D	9 Jul 2009 10:09	BI	Ok,M
90	A3429-16	P6028316.D	9 Jul 2009 10:21	BI	Ok,M
91	A3429-17	P6028317.D	9 Jul 2009 10:35	BI	Ok,M
92	A3429-18	P6028318.D	9 Jul 2009 10:48	BI	Dilution
93	A3429-19	P6028319.D	9 Jul 2009 11:01	BI	Ok
94	A3429-20	P6028320.D	9 Jul 2009 11:14	BI	Ok,M
95	A3429-21	P6028321.D	9 Jul 2009 11:27	BI	Ok,M
96	A3429-12MS	P6028322.D	9 Jul 2009 11:40	BI	Ok,M
97	A3429-13MSD	P6028323.D	9 Jul 2009 11:53	BI	Ok,M
98	HEXANE	P6028324.D	9 Jul 2009 12:07	BI	Not Ok
99	HEXANE	P6028325.D	9 Jul 2009 12:20	BI	Not Ok
100	I.BLK	P6028326.D	9 Jul 2009 12:33	BI	Ok
101	1660 1000	P6028327.D	9 Jul 2009 12:46	BI	Ok

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
102	A3429-22	P6028328.D	9 Jul 2009 12:59	BI	Ok,M
103	A3442-01	P6028329.D	9 Jul 2009 13:12	BI	Ok
104	A3442-02	P6028330.D	9 Jul 2009 13:25	BI	Ok
105	PB43295BL	P6028331.D	9 Jul 2009 13:38	BI	Ok
106	PB43295BS	P6028332.D	9 Jul 2009 13:51	BI	Ok,M
107	A3430-01	P6028333.D	9 Jul 2009 14:04	BI	Ok,M
108	A3430-02	P6028334.D	9 Jul 2009 14:17	BI	Ok,M
109	A3430-03	P6028335.D	9 Jul 2009 14:30	BI	Dilution
110	A3430-04	P6028336.D	9 Jul 2009 14:44	BI	Dilution
111	A3430-05	P6028337.D	9 Jul 2009 14:57	BI	Ok,M
112	HEXANE	P6028338.D	9 Jul 2009 15:10	BI	Ok
113	HEXANE	P6028339.D	9 Jul 2009 15:23	BI	Ok
114	I.BLK	P6028340.D	9 Jul 2009 15:36	BI	Ok
115	1660 1000	P6028341.D	9 Jul 2009 15:49	BI	Ok,M

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Comment	Status
1	STD TEST	P6028227.D		Ok
2	HEXANE	P6028228.D		Not Ok
3	HEXANE	P6028229.D		Not Ok
4	I.BLK	P6028230.D		Ok
5	1660 1000 PPB	P6028231.D		Ok
6	1660 750 PPB	P6028232.D		Ok
7	1660 500 PPB	P6028233.D		Ok
8	1660 250 PPB	P6028234.D		Ok
9	1660 50 PPB	P6028235.D	Use for Regular packages	Ok,M
10	1660 100 PPB	P6028236.D	Use for Tetra Tech EC Inc.	Ok
11	AR1221 500 PPB	P6028237.D		Ok
12	AR1232 500 PPB	P6028238.D		Ok
13	AR1242 500 PPB	P6028239.D		Ok
14	AR1248 500 PPB	P6028240.D		Ok
15	AR1254 500 PPB	P6028241.D		Ok
16	1660 500 ICV	P6028242.D		Ok
17	I.BLK	P6028243.D		Ok
18	1660 1000	P6028244.D		Ok
19	MDL CHECK SOIL	P6028245.D		Ok,M
20	MDL CHECK WATER	P6028246.D		Ok,M
21	MDL CHECK SOIL	P6028247.D		Ok,M

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Comment	Status
22	MDL CHECK WATER	P6028248.D		Ok,M
23	PB43291BL	P6028249.D		Ok,M
24	PB43291BS	P6028250.D	AR1016 low with 4 peak report from second column	Ok,M
25	A3425-01	P6028251.D		Ok,M
26	A3425-02	P6028252.D		Ok,M
27	A3425-03	P6028253.D		Ok,M
28	A3425-04	P6028254.D		Ok,M
29	HEXANE	P6028255.D		Ok
30	HEXANE	P6028256.D		Ok
31	I.BLK	P6028257.D		Ok
32	1660 1000	P6028258.D		Ok,M
33	A3425-05	P6028259.D		Ok
34	A3425-06	P6028260.D		Ok,M
35	A3425-07	P6028261.D		Ok,M
36	A3425-08MS	P6028262.D		Ok,M
37	A3425-09MSD	P6028263.D		Ok,M
38	A3425-10	P6028264.D		Ok
39	A3425-11	P6028265.D		Ok
40	A3425-12	P6028266.D		Ok
41	A3425-13	P6028267.D		Ok

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Daily Analysis Runlog For Instrument ID #P6070809

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	7/9/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	
CCC		SubDirectory	P6070809
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK		HP Processing Method	P6070809.M,P6070809NEW.M

Sr#	SampleId	Data File Name	Comment	Status
42	A3425-14	P6028268.D		Ok
43	HEXANE	P6028269.D		Ok
44	HEXANE	P6028270.D		Ok
45	I.BLK	P6028271.D		Ok
46	1660 1000	P6028272.D		Ok,M
47	A3425-15	P6028273.D	DCB high in second column	Ok,M
48	A3425-16	P6028274.D		Ok
49	A3425-17	P6028275.D		Ok
50	A3425-18	P6028276.D		Ok
51	A3425-19	P6028277.D		Ok
52	A3425-20	P6028278.D		Ok,M
53	A3425-21	P6028279.D		Ok
54	PB43281BL	P6028280.D		Ok
55	PB43281BS	P6028281.D	AR1016 high	Not Ok
56	HEXANE	P6028282.D		Ok
57	HEXANE	P6028283.D		Ok
58	I.BLK	P6028284.D		Ok
59	1660 1000	P6028285.D		Ok,M
60	A3433-01	P6028286.D		Ok,M
61	A3433-02	P6028287.D		Ok

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Manual Integration Report

Sequence	P6080609	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 500	P6029611.D	Aroclor-1260-5 #2	birha	8/6/2009 12:59:03 PM	ugo	8/10/2009 11:40:36 AM	Peak Integrated by Software incorrectly
1660 500	P6029611.D	Aroclor-1260-4 #2	birha	8/6/2009 12:59:03 PM	ugo	8/10/2009 11:40:36 AM	Peak Integrated by Software incorrectly
1660 500	P6029611.D	Aroclor-1260-2 #2	birha	8/6/2009 12:59:03 PM	ugo	8/10/2009 11:40:36 AM	Peak Integrated by Software incorrectly
1660 500	P6029611.D	Aroclor-1260-3 #2	birha	8/6/2009 12:59:03 PM	ugo	8/10/2009 11:40:36 AM	Peak Integrated by Software incorrectly
1660 500	P6029611.D	Aroclor-1260-1 #2	birha	8/6/2009 12:59:03 PM	ugo	8/10/2009 11:40:36 AM	Peak Integrated by Software incorrectly
1660 500	P6029624.D	Aroclor-1260-2 #2	birha	8/6/2009 6:27:31 PM	ugo	8/10/2009 11:40:42 AM	Peak Integrated by Software incorrectly
1660 500	P6029624.D	Aroclor-1260-3 #2	birha	8/6/2009 6:27:31 PM	ugo	8/10/2009 11:40:42 AM	Peak Integrated by Software incorrectly
1660 500	P6029624.D	Aroclor-1260-4 #2	birha	8/6/2009 6:27:31 PM	ugo	8/10/2009 11:40:42 AM	Peak Integrated by Software incorrectly
1660 500	P6029624.D	Aroclor-1260-5 #2	birha	8/6/2009 6:27:31 PM	ugo	8/10/2009 11:40:42 AM	Peak Integrated by Software incorrectly
1660 500	P6029624.D	Aroclor-1260-1 #2	birha	8/6/2009 6:27:31 PM	ugo	8/10/2009 11:40:42 AM	Peak Integrated by Software incorrectly
PB43879BS	P6029629.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:07 AM	birha	8/7/2009 11:37:11 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080609	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3823-03MS	P6029630.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:09 AM	birha	8/7/2009 11:38:00 AM	Peak Integrated by Software incorrectly
A3823-03MS	P6029630.D	Aroclor-1016-5	Paresh Desai	8/7/2009 10:01:09 AM	birha	8/7/2009 11:38:00 AM	Peak Integrated by Software incorrectly
A3823-03MSD	P6029631.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:10 AM	birha	8/7/2009 11:38:06 AM	Peak Integrated by Software incorrectly
A3823-03MSD	P6029631.D	Aroclor-1016-5	Paresh Desai	8/7/2009 10:01:10 AM	birha	8/7/2009 11:38:06 AM	Peak Integrated by Software incorrectly
1660 500	P6029637.D	Aroclor-1016-4	Paresh Desai	8/7/2009 10:01:11 AM	birha	8/7/2009 11:38:13 AM	Peak Integrated by Software incorrectly
PB43859BS	P6029639.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:16:52 AM	birha	8/7/2009 11:38:19 AM	Peak Integrated by Software incorrectly
PB43859BS	P6029639.D	Aroclor-1260-4	Paresh Desai	8/7/2009 10:16:52 AM	birha	8/7/2009 11:38:19 AM	Peak Integrated by Software incorrectly
PB43859BS	P6029639.D	Decachlorobiphenyl	Paresh Desai	8/7/2009 10:16:52 AM	birha	8/7/2009 11:38:19 AM	Peak Integrated by Software incorrectly
A3808-06	P6029645.D	Decachlorobiphenyl	Paresh Desai	8/7/2009 10:01:14 AM	birha	8/7/2009 11:38:26 AM	Peak Integrated by Software incorrectly
A3808-06	P6029645.D	Decachlorobiphenyl #2	Paresh Desai	8/7/2009 10:01:14 AM	birha	8/7/2009 11:38:26 AM	Peak Integrated by Software incorrectly
1660 500	P6029651.D	Aroclor-1016-4	Paresh Desai	8/7/2009 10:01:15 AM	birha	8/7/2009 11:38:36 AM	Peak Integrated by Software incorrectly
A3808-10	P6029653.D	Decachlorobiphenyl	Paresh Desai	8/7/2009 10:01:17 AM	birha	8/7/2009 11:38:43 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080609	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3808-16	P6029659.D	Decachlorobiphenyl	Paresh Desai	8/7/2009 10:02:17 AM	birha	8/7/2009 11:38:50 AM	Peak Integrated by Software incorrectly
A3808-16	P6029659.D	Decachlorobiphenyl #2	Paresh Desai	8/7/2009 10:02:17 AM	birha	8/7/2009 11:38:50 AM	Peak Integrated by Software incorrectly
A3808-17	P6029660.D	Decachlorobiphenyl	Paresh Desai	8/7/2009 10:01:19 AM	birha	8/7/2009 11:39:00 AM	Peak Integrated by Software incorrectly
A3808-17	P6029660.D	Decachlorobiphenyl #2	Paresh Desai	8/7/2009 10:01:19 AM	birha	8/7/2009 11:39:00 AM	Peak Integrated by Software incorrectly
1660 500	P6029665.D	Aroclor-1016-4	Paresh Desai	8/7/2009 10:01:20 AM	birha	8/7/2009 11:39:07 AM	Peak Integrated by Software incorrectly
A3808-08MS	P6029668.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:22 AM	birha	8/7/2009 11:39:14 AM	Peak Integrated by Software incorrectly
A3808-08MSD	P6029669.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:24 AM	birha	8/7/2009 11:39:19 AM	Peak Integrated by Software incorrectly
PB43913BS	P6029671.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:29 AM	birha	8/7/2009 11:39:25 AM	Peak Integrated by Software incorrectly
PB43913BSD	P6029672.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:30 AM	birha	8/7/2009 11:39:32 AM	Peak Integrated by Software incorrectly
1660 500	P6029677.D	Aroclor-1016-4	Paresh Desai	8/7/2009 10:01:32 AM	birha	8/7/2009 11:39:38 AM	Peak Integrated by Software incorrectly
A3827-01	P6029678.D	Aroclor-1254-2 #2	Paresh Desai	8/7/2009 10:01:34 AM	birha	8/7/2009 11:39:46 AM	Peak Integrated by Software incorrectly
A3827-04	P6029681.D	Aroclor-1254-2	Paresh Desai	8/7/2009 10:01:36 AM	birha	8/7/2009 11:39:54 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080609	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3827-06	P6029683.D	Aroclor-1254-2 #2	Paresh Desai	8/7/2009 10:01:38 AM	birha	8/7/2009 11:40:02 AM	Peak Integrated by Software incorrectly
A3827-07	P6029684.D	Aroclor-1254-5	Paresh Desai	8/7/2009 10:01:40 AM	birha	8/7/2009 11:40:08 AM	Peak Integrated by Software incorrectly
A3827-08	P6029685.D	Aroclor-1254-2 #2	Paresh Desai	8/7/2009 10:02:15 AM	birha	8/7/2009 11:40:13 AM	Peak Integrated by Software incorrectly
1660 500	P6029690.D	Aroclor-1260-5	Paresh Desai	8/7/2009 10:01:42 AM	birha	8/7/2009 11:40:20 AM	Peak Integrated by Software incorrectly
1660 500	P6029690.D	Aroclor-1016-4	Paresh Desai	8/7/2009 10:01:42 AM	birha	8/7/2009 11:40:20 AM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P6029608.D	6 Aug 2009 10:38	BI	Not Ok
2	HEXANE	P6029609.D	6 Aug 2009 10:52	BI	Not Ok
3	I.BLK	P6029610.D	6 Aug 2009 11:05	BI	Ok
4	1660 500	P6029611.D	6 Aug 2009 11:18	BI	Ok,M
5	A3823-06	P6029612.D	6 Aug 2009 11:56	BI	Ok
6	A3823-03	P6029613.D	6 Aug 2009 12:09	BI	Ok
7	A3823-04	P6029614.D	6 Aug 2009 12:22	BI	Ok
8	A3823-05	P6029615.D	6 Aug 2009 12:35	BI	Ok
9	A3780-07 2X	P6029616.D	6 Aug 2009 14:36	BI	Ok
10	A3780-09 10X	P6029617.D	6 Aug 2009 14:49	BI	Ok
11	A3780-11 100X	P6029618.D	6 Aug 2009 15:02	BI	Ok

12	A3780-13 5X	P6029619.D	6 Aug 2009 15:15	BI	Ok
13	A3816-14	P6029620.D	6 Aug 2009 15:28	BI	Ok
14	HEXANE	P6029621.D	6 Aug 2009 15:41	BI	Not Ok
15	HEXANE	P6029622.D	6 Aug 2009 15:54	BI	Not Ok
16	I.BLK	P6029623.D	6 Aug 2009 16:07	BI	Ok
17	1660 500	P6029624.D	6 Aug 2009 16:20	BI	Ok,M
18	PB43878BL	P6029625.D	6 Aug 2009 16:33	BI	Ok
19	PB43878BS	P6029626.D	6 Aug 2009 16:47	BI	Ok
20	PB43878BSD	P6029627.D	6 Aug 2009 17:00	BI	Ok
21	PB43879BL	P6029628.D	6 Aug 2009 17:13	BI	Ok

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	PB43879BS	P6029629.D	6 Aug 2009 17:26	BI	Not Ok
23	A3823-03MS	P6029630.D	6 Aug 2009 17:39	BI	Ok,M
24	A3823-03MSD	P6029631.D	6 Aug 2009 17:52	BI	Ok,M
25	A3830-01	P6029632.D	6 Aug 2009 18:05	BI	Ok
26	A3830-02	P6029633.D	6 Aug 2009 18:18	BI	Ok
27	HEXANE	P6029634.D	6 Aug 2009 18:31	BI	Ok
28	HEXANE	P6029635.D	6 Aug 2009 18:44	BI	Ok
29	I.BLK	P6029636.D	6 Aug 2009 18:57	BI	Ok
30	1660 500	P6029637.D	6 Aug 2009 19:10	BI	Ok,M
31	PB43859BL	P6029638.D	6 Aug 2009 19:23	BI	Ok
32	PB43859BS	P6029639.D	6 Aug 2009 19:36	BI	Ok,M
33	A3808-01	P6029640.D	6 Aug 2009 19:49	BI	Ok
34	A3808-02	P6029641.D	6 Aug 2009 20:02	BI	Ok
35	A3808-03	P6029642.D	6 Aug 2009 20:15	BI	Ok
36	A3808-04	P6029643.D	6 Aug 2009 20:29	BI	Ok
37	A3808-05	P6029644.D	6 Aug 2009 20:42	BI	Ok
38	A3808-06	P6029645.D	6 Aug 2009 20:55	BI	Ok,M
39	A3808-07	P6029646.D	6 Aug 2009 21:08	BI	Ok
40	A3808-08	P6029647.D	6 Aug 2009 21:21	BI	Ok
41	HEXANE	P6029648.D	6 Aug 2009 21:34	BI	Ok

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	HEXANE	P6029649.D	6 Aug 2009 21:47	BI	Ok
43	I.BLK	P6029650.D	6 Aug 2009 22:00	BI	Ok
44	1660 500	P6029651.D	6 Aug 2009 22:13	BI	Ok,M
45	A3808-09	P6029652.D	6 Aug 2009 22:26	BI	Ok
46	A3808-10	P6029653.D	6 Aug 2009 22:39	BI	Ok,M
47	A3808-11	P6029654.D	6 Aug 2009 22:52	BI	Ok
48	A3808-12	P6029655.D	6 Aug 2009 23:05	BI	Ok
49	A3808-13	P6029656.D	6 Aug 2009 23:18	BI	Ok
50	A3808-14	P6029657.D	6 Aug 2009 23:31	BI	Ok
51	A3808-15	P6029658.D	6 Aug 2009 23:44	BI	Ok
52	A3808-16	P6029659.D	6 Aug 2009 23:58	BI	Ok,M
53	A3808-17	P6029660.D	7 Aug 2009 00:11	BI	Ok,M
54	A3808-18	P6029661.D	7 Aug 2009 00:24	BI	Ok
55	HEXANE	P6029662.D	7 Aug 2009 00:37	BI	Ok
56	HEXANE	P6029663.D	7 Aug 2009 00:50	BI	Ok
57	I.BLK	P6029664.D	7 Aug 2009 1:03	BI	Ok
58	1660 500	P6029665.D	7 Aug 2009 1:16	BI	Ok,M
59	A3808-19	P6029666.D	7 Aug 2009 1:29	BI	Ok
60	A3808-20	P6029667.D	7 Aug 2009 1:42	BI	Ok
61	A3808-08MS	P6029668.D	7 Aug 2009 1:55	BI	Ok,M

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Instrument: ECD 6

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
62	A3808-08MSD	P6029669.D	7 Aug 2009 2:09	BI	Ok,M
63	PB43913BL	P6029670.D	7 Aug 2009 2:22	BI	Ok
64	PB43913BS	P6029671.D	7 Aug 2009 2:35	BI	Ok,M
65	PB43913BSD	P6029672.D	7 Aug 2009 2:48	BI	Not Ok
66	A3827-10	P6029673.D	7 Aug 2009 3:01	BI	Ok
67	HEXANE	P6029674.D	7 Aug 2009 3:14	BI	Ok
68	HEXANE	P6029675.D	7 Aug 2009 3:27	BI	Ok
69	I.BLK	P6029676.D	7 Aug 2009 3:40	BI	Ok
70	1660 500	P6029677.D	7 Aug 2009 3:53	BI	Ok,M
71	A3827-01	P6029678.D	7 Aug 2009 4:07	BI	Ok,M
72	A3827-02	P6029679.D	7 Aug 2009 4:20	BI	Ok
73	A3827-03	P6029680.D	7 Aug 2009 4:33	BI	Ok
74	A3827-04	P6029681.D	7 Aug 2009 4:46	BI	Ok,M
75	A3827-05	P6029682.D	7 Aug 2009 4:59	BI	Dilution
76	A3827-06	P6029683.D	7 Aug 2009 5:12	BI	Ok,M
77	A3827-07	P6029684.D	7 Aug 2009 5:25	BI	Dilution
78	A3827-08	P6029685.D	7 Aug 2009 5:39	BI	Ok,M
79	A3827-09	P6029686.D	7 Aug 2009 5:52	BI	Ok
80	HEXANE	P6029687.D	7 Aug 2009 6:05	BI	Ok
81	HEXANE	P6029688.D	7 Aug 2009 6:18	BI	Ok

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Instrument: ECD 6

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
82	I.BLK	P6029689.D	7 Aug 2009 6:31	BI	Ok
83	1660 500	P6029690.D	7 Aug 2009 6:44	BI	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P6029608.D		Not Ok
2	HEXANE	P6029609.D		Not Ok
3	I.BLK	P6029610.D		Ok
4	1660 500	P6029611.D		Ok,M
5	A3823-06	P6029612.D		Ok
6	A3823-03	P6029613.D	AR1254 WITH 4 PEAKS	Ok
7	A3823-04	P6029614.D	AR1254 WITH 4 PEAKS	Ok
8	A3823-05	P6029615.D		Ok
9	A3780-07 2X	P6029616.D		Ok
10	A3780-09 10X	P6029617.D		Ok
11	A3780-11 100X	P6029618.D		Ok
12	A3780-13 5X	P6029619.D		Ok
13	A3816-14	P6029620.D		Ok
14	HEXANE	P6029621.D		Not Ok
15	HEXANE	P6029622.D		Not Ok
16	I.BLK	P6029623.D		Ok
17	1660 500	P6029624.D		Ok,M
18	PB43878BL	P6029625.D		Ok
19	PB43878BS	P6029626.D		Ok
20	PB43878BSD	P6029627.D		Ok
21	PB43879BL	P6029628.D		Ok

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Instrument: ECD 6

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
22	PB43879BS	P6029629.D	AR 1260 high in second column	Not Ok
23	A3823-03MS	P6029630.D	AR 1260 High;AR 1254 (1,3-5) with 4 peaks	Ok,M
24	A3823-03MSD	P6029631.D	AR 1260 High;AR 1254 (1,3-5) with 4 peaks	Ok,M
25	A3830-01	P6029632.D		Ok
26	A3830-02	P6029633.D		Ok
27	HEXANE	P6029634.D		Ok
28	HEXANE	P6029635.D		Ok
29	I.BLK	P6029636.D		Ok
30	1660 500	P6029637.D	AR 1260 high in second column	Ok,M
31	PB43859BL	P6029638.D		Ok
32	PB43859BS	P6029639.D	AR 1016 (1-4) with 4 peaks	Ok,M
33	A3808-01	P6029640.D		Ok
34	A3808-02	P6029641.D		Ok
35	A3808-03	P6029642.D		Ok
36	A3808-04	P6029643.D		Ok
37	A3808-05	P6029644.D		Ok
38	A3808-06	P6029645.D		Ok,M
39	A3808-07	P6029646.D		Ok
40	A3808-08	P6029647.D		Ok
41	HEXANE	P6029648.D		Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
42	HEXANE	P6029649.D		Ok
43	I.BLK	P6029650.D		Ok
44	1660 500	P6029651.D	AR 1260 high in second column	Ok,M
45	A3808-09	P6029652.D		Ok
46	A3808-10	P6029653.D		Ok,M
47	A3808-11	P6029654.D		Ok
48	A3808-12	P6029655.D		Ok
49	A3808-13	P6029656.D		Ok
50	A3808-14	P6029657.D		Ok
51	A3808-15	P6029658.D		Ok
52	A3808-16	P6029659.D		Ok,M
53	A3808-17	P6029660.D		Ok,M
54	A3808-18	P6029661.D		Ok
55	HEXANE	P6029662.D		Ok
56	HEXANE	P6029663.D		Ok
57	I.BLK	P6029664.D		Ok
58	1660 500	P6029665.D		Ok,M
59	A3808-19	P6029666.D		Ok
60	A3808-20	P6029667.D		Ok
61	A3808-08MS	P6029668.D		Ok,M

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Instrument: ECD 6

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Daily Analysis Runlog For Sequence/QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
62	A3808-08MSD	P6029669.D		Ok,M
63	PB43913BL	P6029670.D		Ok
64	PB43913BS	P6029671.D		Ok,M
65	PB43913BSD	P6029672.D	AR 1260 high in second column	Not Ok
66	A3827-10	P6029673.D		Ok
67	HEXANE	P6029674.D		Ok
68	HEXANE	P6029675.D		Ok
69	I.BLK	P6029676.D		Ok
70	1660 500	P6029677.D	AR 1260 high in second column	Ok,M
71	A3827-01	P6029678.D	AR 1254 Hits	Ok,M
72	A3827-02	P6029679.D	AR 1254 (1,3-5) with 4 peaks	Ok
73	A3827-03	P6029680.D	AR 1254 (1,3-5) with 4 peaks	Ok
74	A3827-04	P6029681.D	AR 1254 Hits	Ok,M
75	A3827-05	P6029682.D	Need 5X;AR 1254 (1,3-5) with 4 peaks	Dilution
76	A3827-06	P6029683.D	AR 1254 Hits	Ok,M
77	A3827-07	P6029684.D	Need 5X;AR 1254 (1,3-5) with 4 peaks	Dilution
78	A3827-08	P6029685.D	AR 1254 HIts;DCB high in second column	Ok,M
79	A3827-09	P6029686.D		Ok
80	HEXANE	P6029687.D		Ok
81	HEXANE	P6029688.D		Ok

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Instrument: ECD 6

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Daily Analysis Runlog For Sequence / QCBatch ID #P6080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9165	SubDirectory	P6080609
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
82	I.BLK	P6029689.D	TCMX high in first column	Ok
83	1660 500	P6029690.D	AR 1260 high in second column;TCMX high in first column	Ok,M

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3813-07MS	P6029700.D	Aroclor-1260-5	BIRHA	8/7/2009 3:13:05 PM	ugo	8/10/2009 11:41:08 AM	Peak Integrated by Software incorrectly
A3813-08MSD	P6029701.D	Aroclor-1260-5	BIRHA	8/7/2009 3:13:11 PM	ugo	8/10/2009 11:41:12 AM	Peak Integrated by Software incorrectly
PB43891BL	P6029705.D	Decachlorobiphenyl	yogesh	8/8/2009 9:39:50 AM	BIRHA	8/10/2009 10:46:37 AM	Peak Integrated by Software incorrectly
PB43891BL	P6029705.D	Decachlorobiphenyl #2	yogesh	8/8/2009 9:39:50 AM	BIRHA	8/10/2009 10:46:37 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-1	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-3	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-4	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1016-2 #2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Aroclor-1260-2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43891BS	P6029706.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Decachlorobiphenyl #2	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Decachlorobiphenyl	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
PB43891BS	P6029706.D	Tetrachloro-m-xylene	yogesh	8/8/2009 9:39:55 AM	BIRHA	8/10/2009 10:46:31 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1016-2	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1260-1	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1260-5	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-02MS	P6029708.D	Aroclor-1260-2 #2	yogesh	8/8/2009 9:39:57 AM	BIRHA	8/10/2009 10:46:27 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P6029709.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:39:59 AM	BIRHA	8/10/2009 10:46:22 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P6029709.D	Aroclor-1260-5	yogesh	8/8/2009 9:39:59 AM	BIRHA	8/10/2009 10:46:22 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-03MSD	P6029709.D	Aroclor-1260-2 #2	yogesh	8/8/2009 9:39:59 AM	BIRHA	8/10/2009 10:46:22 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1016-2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1016-4	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-1	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-2 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-4 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-5	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
1660 750	P6029717.D	Aroclor-1260-3 #2	yogesh	8/8/2009 9:42:23 AM	BIRHA	8/10/2009 10:46:17 AM	Peak Integrated by Software incorrectly
A3816-16	P6029725.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:40:00 AM	BIRHA	8/10/2009 10:46:09 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 750	P6029731.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-3 #2	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
1660 750	P6029731.D	Aroclor-1260-4 #2	yogesh	8/8/2009 9:40:03 AM	BIRHA	8/10/2009 10:45:59 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1016-1	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1016-2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43924BS	P6029737.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1260-2 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1260-3 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
PB43924BS	P6029737.D	Aroclor-1260-4 #2	yogesh	8/8/2009 9:40:09 AM	BIRHA	8/10/2009 10:45:54 AM	Peak Integrated by Software incorrectly
A3845-01	P6029738.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:40:10 AM	BIRHA	8/10/2009 10:45:48 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Tetrachloro-m-xylene	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Aroclor-1016-1	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Aroclor-1016-2	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3845-01MS	P6029741.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MS	P6029741.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:40:13 AM	BIRHA	8/10/2009 10:45:42 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P6029742.D	Aroclor-1016-1	yogesh	8/8/2009 9:40:28 AM	BIRHA	8/10/2009 10:45:36 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P6029742.D	Aroclor-1016-2	yogesh	8/8/2009 9:40:28 AM	BIRHA	8/10/2009 10:45:36 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P6029742.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:28 AM	BIRHA	8/10/2009 10:45:36 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P6029742.D	Aroclor-1016-4 #2	yogesh	8/8/2009 9:40:28 AM	BIRHA	8/10/2009 10:45:36 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P6029742.D	Aroclor-1016-1 #2	yogesh	8/8/2009 9:40:28 AM	BIRHA	8/10/2009 10:45:36 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1016-1	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1016-2	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 750	P6029746.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
1660 750	P6029746.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:40:31 AM	BIRHA	8/10/2009 10:45:21 AM	Peak Integrated by Software incorrectly
A3794-09	P6029748.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:32 AM	BIRHA	8/10/2009 10:45:17 AM	Peak Integrated by Software incorrectly
A3794-09	P6029748.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:32 AM	BIRHA	8/10/2009 10:45:17 AM	Peak Integrated by Software incorrectly
A3794-09	P6029748.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:32 AM	BIRHA	8/10/2009 10:45:17 AM	Peak Integrated by Software incorrectly
A3794-09	P6029748.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:32 AM	BIRHA	8/10/2009 10:45:17 AM	Peak Integrated by Software incorrectly
A3813-03	P6029751.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:34 AM	BIRHA	8/10/2009 10:45:12 AM	Peak Integrated by Software incorrectly
A3813-03	P6029751.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:34 AM	BIRHA	8/10/2009 10:45:12 AM	Peak Integrated by Software incorrectly
A3813-03	P6029751.D	Aroclor-1260-1 #2	yogesh	8/8/2009 9:40:34 AM	BIRHA	8/10/2009 10:45:12 AM	Peak Integrated by Software incorrectly
A3813-03	P6029751.D	Aroclor-1260-5 #2	yogesh	8/8/2009 9:40:34 AM	BIRHA	8/10/2009 10:45:12 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Aroclor-1016-1	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Aroclor-1016-4	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6080709	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 750	P6029758.D	Aroclor-1016-3 #2	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Aroclor-1260-1	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Aroclor-1260-5	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Decachlorobiphenyl	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly
1660 750	P6029758.D	Decachlorobiphenyl #2	yogesh	8/8/2009 9:40:36 AM	BIRHA	8/10/2009 10:45:07 AM	Peak Integrated by Software incorrectly

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P6029691.D	7 Aug 2009 11:12	BI	Not Ok
2	HEXANE	P6029692.D	7 Aug 2009 11:25	BI	Not Ok
3	I.BLK	P6029693.D	7 Aug 2009 11:38	BI	Ok
4	1660 1000	P6029694.D	7 Aug 2009 11:51	BI	Ok
5	A3827-05 5X	P6029695.D	7 Aug 2009 12:14	BI	Ok
6	A3827-07 5X	P6029696.D	7 Aug 2009 12:27	BI	Ok
7	PB43892BL	P6029697.D	7 Aug 2009 12:40	BI	Ok
8	PB43892BS	P6029698.D	7 Aug 2009 12:53	BI	Ok
9	A3813-06	P6029699.D	7 Aug 2009 13:59	BI	Ok
10	A3813-07MS	P6029700.D	7 Aug 2009 14:13	BI	Ok,M
11	A3813-08MSD	P6029701.D	7 Aug 2009 14:26	BI	Ok,M

12	I.BLK	P6029702.D	7 Aug 2009 14:39	BI	Ok
13	1660 1000	P6029703.D	7 Aug 2009 14:52	BI	Ok
14	A3774-02	P6029704.D	7 Aug 2009 15:05	BI	Not Ok
15	PB43891BL	P6029705.D	7 Aug 2009 16:22	BI	Ok,M
16	PB43891BS	P6029706.D	7 Aug 2009 16:35	BI	Not Ok
17	A3816-01	P6029707.D	7 Aug 2009 16:48	BI	Ok
18	A3816-02MS	P6029708.D	7 Aug 2009 17:01	BI	Ok,M
19	A3816-03MSD	P6029709.D	7 Aug 2009 17:15	BI	Ok,M
20	A3816-04	P6029710.D	7 Aug 2009 17:28	BI	Ok
21	A3816-05	P6029711.D	7 Aug 2009 17:41	BI	Ok

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3816-06	P6029712.D	7 Aug 2009 17:54	BI	Ok
23	A3816-07	P6029713.D	7 Aug 2009 18:07	BI	Ok
24	HEXANE	P6029714.D	7 Aug 2009 18:20	BI	Ok
25	I.BLK	P6029716.D	7 Aug 2009 18:46	BI	Ok
26	1660 750	P6029717.D	7 Aug 2009 18:59	BI	Ok,M
27	A3816-08	P6029718.D	7 Aug 2009 19:12	BI	Ok
28	A3816-09	P6029719.D	7 Aug 2009 19:25	BI	Ok
29	A3816-10	P6029720.D	7 Aug 2009 19:38	BI	Ok
30	A3816-11	P6029721.D	7 Aug 2009 19:51	BI	Ok
31	A3816-12	P6029722.D	7 Aug 2009 20:04	BI	Ok
32	A3816-13	P6029723.D	7 Aug 2009 20:17	BI	Ok
33	A3816-15	P6029724.D	7 Aug 2009 20:30	BI	Ok
34	A3816-16	P6029725.D	7 Aug 2009 20:43	BI	Ok,M
35	A3816-17	P6029726.D	7 Aug 2009 20:56	BI	Ok
36	A3816-18	P6029727.D	7 Aug 2009 21:09	BI	Ok
37	HEXANE	P6029728.D	7 Aug 2009 21:22	BI	Ok
38	HEXANE	P6029729.D	7 Aug 2009 21:35	BI	Ok
39	I.BLK	P6029730.D	7 Aug 2009 21:48	BI	Ok
40	1660 750	P6029731.D	7 Aug 2009 22:01	BI	Ok,M
41	A3816-19	P6029732.D	7 Aug 2009 22:14	BI	Ok

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	A3816-20	P6029733.D	7 Aug 2009 22:27	BI	Ok
43	A3816-21	P6029734.D	7 Aug 2009 22:40	BI	Ok
44	A3816-22	P6029735.D	7 Aug 2009 22:53	BI	Ok
45	PB43924BL	P6029736.D	7 Aug 2009 23:06	BI	Ok
46	PB43924BS	P6029737.D	7 Aug 2009 23:19	BI	Ok,M
47	A3845-01	P6029738.D	7 Aug 2009 23:32	BI	Ok,M
48	A3846-01	P6029739.D	7 Aug 2009 23:46	BI	Ok
49	A3847-01	P6029740.D	7 Aug 2009 23:59	BI	Ok
50	A3845-01MS	P6029741.D	8 Aug 2009 00:12	BI	Ok,M
51	A3845-01MSD	P6029742.D	8 Aug 2009 00:25	BI	Ok,M
52	HEXANE	P6029743.D	8 Aug 2009 00:38	BI	Ok
53	HEXANE	P6029744.D	8 Aug 2009 00:51	BI	Ok
54	I.BLK	P6029745.D	8 Aug 2009 1:04	BI	Ok
55	1660 750	P6029746.D	8 Aug 2009 1:17	BI	Ok,M
56	A3794-08	P6029747.D	8 Aug 2009 1:30	BI	Ok
57	A3794-09	P6029748.D	8 Aug 2009 1:43	BI	Ok,M
58	A3813-01	P6029749.D	8 Aug 2009 1:56	BI	Ok
59	A3813-02	P6029750.D	8 Aug 2009 2:09	BI	Ok
60	A3813-03	P6029751.D	8 Aug 2009 2:22	BI	Ok,M
61	A3813-04	P6029752.D	8 Aug 2009 2:35	BI	Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
62	A3813-05	P6029753.D	8 Aug 2009 2:49	BI	Not Ok
63	A3813-09	P6029754.D	8 Aug 2009 3:02	BI	Ok
64	HEXANE	P6029755.D	8 Aug 2009 3:15	BI	Ok
65	HEXANE	P6029756.D	8 Aug 2009 3:28	BI	Ok
66	I.BLK	P6029757.D	8 Aug 2009 3:41	BI	Ok
67	1660 750	P6029758.D	8 Aug 2009 3:54	BI	Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P6029691.D		Not Ok
2	HEXANE	P6029692.D		Not Ok
3	I.BLK	P6029693.D		Ok
4	1660 1000	P6029694.D		Ok
5	A3827-05 5X	P6029695.D	AR1254 WITH 4 PEAKS	Ok
6	A3827-07 5X	P6029696.D	AR1254 WITH 4 PEAKS	Ok
7	PB43892BL	P6029697.D		Ok
8	PB43892BS	P6029698.D		Ok
9	A3813-06	P6029699.D		Ok
10	A3813-07MS	P6029700.D		Ok,M
11	A3813-08MSD	P6029701.D		Ok,M
12	I.BLK	P6029702.D		Ok
13	1660 1000	P6029703.D		Ok
14	A3774-02	P6029704.D	Need cleanup	Not Ok
15	PB43891BL	P6029705.D		Ok,M
16	PB43891BS	P6029706.D	AR1016 with 4 peaks due to contamination;AR1260 high in second column	Not Ok
17	A3816-01	P6029707.D		Ok
18	A3816-02MS	P6029708.D		Ok,M
19	A3816-03MSD	P6029709.D		Ok,M
20	A3816-04	P6029710.D		Ok
21	A3816-05	P6029711.D		Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
22	A3816-06	P6029712.D		Ok
23	A3816-07	P6029713.D		Ok
24	HEXANE	P6029714.D		Ok
25	I.BLK	P6029716.D		Ok
26	1660 750	P6029717.D		Ok,M
27	A3816-08	P6029718.D		Ok
28	A3816-09	P6029719.D		Ok
29	A3816-10	P6029720.D		Ok
30	A3816-11	P6029721.D		Ok
31	A3816-12	P6029722.D		Ok
32	A3816-13	P6029723.D		Ok
33	A3816-15	P6029724.D		Ok
34	A3816-16	P6029725.D	AR1260 hit	Ok,M
35	A3816-17	P6029726.D		Ok
36	A3816-18	P6029727.D		Ok
37	HEXANE	P6029728.D		Ok
38	HEXANE	P6029729.D		Ok
39	I.BLK	P6029730.D		Ok
40	1660 750	P6029731.D		Ok,M
41	A3816-19	P6029732.D		Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
42	A3816-20	P6029733.D		Ok
43	A3816-21	P6029734.D		Ok
44	A3816-22	P6029735.D		Ok
45	PB43924BL	P6029736.D		Ok
46	PB43924BS	P6029737.D	AR1016 with 4 peaks (1,2,3,4)	Ok,M
47	A3845-01	P6029738.D		Ok,M
48	A3846-01	P6029739.D		Ok
49	A3847-01	P6029740.D		Ok
50	A3845-01MS	P6029741.D		Ok,M
51	A3845-01MSD	P6029742.D		Ok,M
52	HEXANE	P6029743.D		Ok
53	HEXANE	P6029744.D		Ok
54	I.BLK	P6029745.D		Ok
55	1660 750	P6029746.D		Ok,M
56	A3794-08	P6029747.D	GPC BLK	Ok
57	A3794-09	P6029748.D	GPC BLK SPIKE	Ok,M
58	A3813-01	P6029749.D		Ok
59	A3813-02	P6029750.D		Ok
60	A3813-03	P6029751.D	AR1260 hit	Ok,M
61	A3813-04	P6029752.D		Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	BIRHA	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	n/a	Initial Calibration Stds	n/a
CCC	gcp9163	SubDirectory	P6080709
Internal Standard/PEM	n/a	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6070809.M

Sr#	SampleId	Data File Name	Comment	Status
62	A3813-05	P6029753.D	Need cleaup	Not Ok
63	A3813-09	P6029754.D		Ok
64	HEXANE	P6029755.D		Ok
65	HEXANE	P6029756.D		Ok
66	I.BLK	P6029757.D		Ok
67	1660 750	P6029758.D		Ok,M

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 50 PPB	P6029766.D	Aroclor-1260-5 #2	birha	8/10/2009 5:25:55 PM	CAL	8/12/2009 2:09:14 PM	Peak Integrated by Software incorrectly
I.BLK	P6029773.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:43 AM	CAL	8/12/2009 2:09:46 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1016-4	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1260-1	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1260-2	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
1660 500	P6029774.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:48 PM	Peak Integrated by Software incorrectly
PB43959BL	P6029775.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:46 AM	CAL	8/12/2009 2:09:49 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1016-1	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1016-2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43959BS	P6029776.D	Aroclor-1016-4	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1260-1	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1260-2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BS	P6029776.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:48 AM	CAL	8/12/2009 2:09:55 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Aroclor-1016-4	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43959BSD	P6029777.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
PB43959BSD	P6029777.D	Aroclor-1260-5	yogesh	8/11/2009 5:22:49 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
A3862-17	P6029778.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:51 AM	CAL	8/12/2009 2:09:56 PM	Peak Integrated by Software incorrectly
A3862-18	P6029779.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:53 AM	CAL	8/12/2009 2:09:57 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Decachlorobiphenyl	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1260-1	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1260-2	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
PB43951BS	P6029781.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:54 AM	CAL	8/12/2009 2:09:58 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3859-01MS	P6029783.D	Aroclor-1016-1	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1016-2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1260-1	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MS	P6029783.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:56 AM	CAL	8/12/2009 2:09:59 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1016-1	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1016-2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1260-1	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1260-2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3859-01MSD	P6029784.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
A3859-01MSD	P6029784.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:22:59 AM	CAL	8/12/2009 2:10:01 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1016-1	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1016-4	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1260-1	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1260-2	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly
1660 500	P6029788.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:23:03 AM	CAL	8/12/2009 2:10:29 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43819BS	P6029789.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:23:04 AM	CAL	8/12/2009 2:10:31 PM	Peak Integrated by Software incorrectly
PB43819BS	P6029789.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:23:04 AM	CAL	8/12/2009 2:10:31 PM	Peak Integrated by Software incorrectly
PB43819BS	P6029789.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:23:04 AM	CAL	8/12/2009 2:10:31 PM	Peak Integrated by Software incorrectly
PB43819BS	P6029789.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:23:04 AM	CAL	8/12/2009 2:10:31 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-1	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-4	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-1 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1016-2 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-1	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43858BS	P6029790.D	Aroclor-1260-4	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-5	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
PB43858BS	P6029790.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:23:08 AM	CAL	8/12/2009 2:10:32 PM	Peak Integrated by Software incorrectly
I.BLK	P6029792.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:23:10 AM	CAL	8/12/2009 2:10:34 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Decachlorobiphenyl #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-1	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-4	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-5	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-3 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081009	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 500	P6029793.D	Aroclor-1016-4 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1016-5 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1260-1	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1260-2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1260-1 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1260-2 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly
1660 500	P6029793.D	Aroclor-1260-5 #2	yogesh	8/11/2009 5:23:13 AM	CAL	8/12/2009 2:10:37 PM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	GCP9375-9385
CCC	GCP9375	SubDirectory	P6081009
Internal Standard/PEM	N/A	HP Acquire Method	PCBP6.M
ICV/I.BLK	GCP9092-9385	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P6029759.D	10 Aug 2009 11:16	BI	Not Ok
2	HEXANE	P6029760.D	10 Aug 2009 11:30	BI	Not Ok
3	I.BLK	P6029761.D	10 Aug 2009 11:43	BI	Ok
4	1660 1000 PPB	P6029762.D	10 Aug 2009 11:56	BI	Ok
5	1660 750 PPB	P6029763.D	10 Aug 2009 12:09	BI	Ok
6	1660 500 PPB	P6029764.D	10 Aug 2009 12:22	BI	Ok
7	1660 250 PPB	P6029765.D	10 Aug 2009 12:35	BI	Ok

8	1660 50 PPB	P6029766.D	10 Aug 2009 12:48	BI	Ok,M
9	AR1221 500 PPB	P6029767.D	10 Aug 2009 14:20	BI	Ok
10	AR1232 500 PPB	P6029768.D	10 Aug 2009 14:33	BI	Ok
11	AR1242 500 PPB	P6029769.D	10 Aug 2009 14:47	BI	Ok
12	AR1248 500 PPB	P6029770.D	10 Aug 2009 15:00	BI	Ok
13	AR1254 500 PPB	P6029771.D	10 Aug 2009 15:13	BI	Ok
14	1660 500 ICV	P6029772.D	10 Aug 2009 15:26	BI	Ok
15	I.BLK	P6029773.D	10 Aug 2009 16:54	BI	Ok,M
16	1660 500	P6029774.D	10 Aug 2009 17:07	BI	Ok,M
17	PB43959BL	P6029775.D	10 Aug 2009 17:20	BI	Ok,M
18	PB43959BS	P6029776.D	10 Aug 2009 17:33	BI	Ok,M
19	PB43959BSD	P6029777.D	10 Aug 2009 17:46	BI	Ok,M
20	A3862-17	P6029778.D	10 Aug 2009 18:00	BI	Ok,M
21	A3862-18	P6029779.D	10 Aug 2009 18:13	BI	Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	GCP9375-9385
CCC	GCP9375	SubDirectory	P6081009
Internal Standard/PEM	N/A	HP Acquire Method	PCBP6.M
ICV/I.BLK	GCP9092-9385	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	PB43951BL	P6029780.D	10 Aug 2009 18:26	BI	Ok
23	PB43951BS	P6029781.D	10 Aug 2009 18:39	BI	Ok,M
24	A3859-01	P6029782.D	10 Aug 2009 18:52	BI	Ok
25	A3859-01MS	P6029783.D	10 Aug 2009 19:05	BI	Ok,M
26	A3859-01MSD	P6029784.D	10 Aug 2009 19:18	BI	Ok,M
27	HEXANE	P6029785.D	10 Aug 2009 19:31	BI	Ok
28	HEXANE	P6029786.D	10 Aug 2009 19:45	BI	Ok
29	I.BLK	P6029787.D	10 Aug 2009 19:58	BI	Ok
30	1660 500	P6029788.D	10 Aug 2009 20:11	BI	Ok,M
31	PB43819BS	P6029789.D	10 Aug 2009 20:24	BI	Ok,M
32	PB43858BS	P6029790.D	10 Aug 2009 20:37	BI	Ok,M
33	HEXANE	P6029791.D	10 Aug 2009 20:50	BI	Ok
34	I.BLK	P6029792.D	10 Aug 2009 21:03	BI	Ok,M
35	1660 500	P6029793.D	10 Aug 2009 21:16	BI	Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	GCP9375-9385
CCC	GCP9375	SubDirectory	P6081009
Internal Standard/PEM	N/A	HP Acquire Method	PCBP6.M
ICV/I.BLK	GCP9092-9385	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P6029759.D		Not Ok
2	HEXANE	P6029760.D		Not Ok
3	I.BLK	P6029761.D		Ok
4	1660 1000 PPB	P6029762.D		Ok
5	1660 750 PPB	P6029763.D		Ok
6	1660 500 PPB	P6029764.D		Ok
7	1660 250 PPB	P6029765.D		Ok
8	1660 50 PPB	P6029766.D		Ok,M
9	AR1221 500 PPB	P6029767.D		Ok
10	AR1232 500 PPB	P6029768.D		Ok
11	AR1242 500 PPB	P6029769.D		Ok
12	AR1248 500 PPB	P6029770.D		Ok
13	AR1254 500 PPB	P6029771.D		Ok
14	1660 500 ICV	P6029772.D		Ok
15	I.BLK	P6029773.D		Ok,M
16	1660 500	P6029774.D		Ok,M
17	PB43959BL	P6029775.D		Ok,M
18	PB43959BS	P6029776.D		Ok,M
19	PB43959BSD	P6029777.D		Ok,M
20	A3862-17	P6029778.D		Ok,M
21	A3862-18	P6029779.D		Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	GCP9375-9385
CCC	GCP9375	SubDirectory	P6081009
Internal Standard/PEM	N/A	HP Acquire Method	PCBP6.M
ICV/I.BLK	GCP9092-9385	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
22	PB43951BL	P6029780.D		Ok
23	PB43951BS	P6029781.D	AR1016 with 4 peaks (1,2,3,4) due to contamination	Ok,M
24	A3859-01	P6029782.D		Ok
25	A3859-01MS	P6029783.D	AR1016 with 4 peaks (1,2,3,4) due to contamination	Ok,M
26	A3859-01MSD	P6029784.D	AR1016 with 4 peaks (1,2,3,4) due to contamination	Ok,M
27	HEXANE	P6029785.D		Ok
28	HEXANE	P6029786.D		Ok
29	I.BLK	P6029787.D		Ok
30	1660 500	P6029788.D		Ok,M
31	PB43819BS	P6029789.D		Ok,M
32	PB43858BS	P6029790.D		Ok,M
33	HEXANE	P6029791.D		Ok
34	I.BLK	P6029792.D		Ok,M
35	1660 500	P6029793.D		Ok,M

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 1000	P6029809.D	Aroclor-1260-2 #2	birha	8/12/2009 12:29:24 PM	CAL	8/12/2009 2:11:11 PM	Peak Integrated by Software incorrectly
1660 1000	P6029809.D	Aroclor-1260-1 #2	birha	8/12/2009 12:29:24 PM	CAL	8/12/2009 2:11:11 PM	Peak Integrated by Software incorrectly
1660 1000	P6029809.D	Aroclor-1260-3 #2	birha	8/12/2009 12:29:24 PM	CAL	8/12/2009 2:11:11 PM	Peak Integrated by Software incorrectly
1660 1000	P6029809.D	Aroclor-1260-5 #2	birha	8/12/2009 12:29:24 PM	CAL	8/12/2009 2:11:11 PM	Peak Integrated by Software incorrectly
A3862-12	P6029813.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:13 AM	birha	8/12/2009 12:29:17 PM	Peak Integrated by Software incorrectly
A3862-14	P6029815.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:14 AM	birha	8/12/2009 12:29:09 PM	Peak Integrated by Software incorrectly
A3862-15	P6029816.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:15 AM	birha	8/12/2009 12:29:03 PM	Peak Integrated by Software incorrectly
A3862-16	P6029817.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly
A3862-16	P6029817.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly
A3862-16	P6029817.D	Aroclor-1260-5	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly
A3862-16	P6029817.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3862-16	P6029817.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly
A3862-16	P6029817.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:20 AM	birha	8/12/2009 12:28:57 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029821.D	Tetrachloro-m-xylene #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:50 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43985BL	P6029822.D	Decachlorobiphenyl	yogesh	8/12/2009 7:59:21 AM	birha	8/12/2009 12:28:45 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1016-3	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-5	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-3 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly
PB43985BS	P6029823.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:23 AM	birha	8/12/2009 12:28:39 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3870-06	P6029829.D	Decachlorobiphenyl	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:31 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Aroclor-1260-5	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly
1660 1000	P6029834.D	Tetrachloro-m-xylene #2	yogesh	8/12/2009 7:59:25 AM	birha	8/12/2009 12:28:23 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3870-08	P6029835.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-1 #2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-2 #2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-4 #2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
A3870-08	P6029835.D	Aroclor-1016-5 #2	yogesh	8/12/2009 7:59:26 AM	birha	8/12/2009 12:28:17 PM	Peak Integrated by Software incorrectly
PB43963BL	P6029838.D	Tetrachloro-m-xylene	yogesh	8/12/2009 7:59:27 AM	birha	8/12/2009 12:28:10 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43963BS	P6029839.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BS	P6029839.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:30 AM	birha	8/12/2009 12:28:04 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
PB43963BSD	P6029840.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43963BSD	P6029840.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:31 AM	birha	8/12/2009 12:27:54 PM	Peak Integrated by Software incorrectly
I.BLK	P6029846.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:34 AM	birha	8/12/2009 12:27:32 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
1660 1000	P6029847.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:35 AM	birha	8/12/2009 12:27:25 PM	Peak Integrated by Software incorrectly
A3880-02	P6029849.D	Aroclor-1016-5 #2	yogesh	8/12/2009 7:59:36 AM	birha	8/12/2009 12:27:02 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3880-03	P6029850.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:39 AM	birha	8/12/2009 12:26:57 PM	Peak Integrated by Software incorrectly
A3862-01 5X	P6029853.D	Aroclor-1254-1 #2	yogesh	8/12/2009 7:59:42 AM	birha	8/12/2009 12:26:52 PM	Peak Integrated by Software incorrectly
A3862-01 5X	P6029853.D	Aroclor-1254-4	yogesh	8/12/2009 7:59:42 AM	birha	8/12/2009 12:26:52 PM	Peak Integrated by Software incorrectly
A3862-01 5X	P6029853.D	Decachlorobiphenyl #2	yogesh	8/12/2009 7:59:42 AM	birha	8/12/2009 12:26:52 PM	Peak Integrated by Software incorrectly
A3862-03 RE	P6029854.D	Aroclor-1254-4	yogesh	8/12/2009 7:59:44 AM	birha	8/12/2009 12:26:21 PM	Peak Integrated by Software incorrectly
A3862-03 RE	P6029854.D	Aroclor-1254-5 #2	yogesh	8/12/2009 7:59:44 AM	birha	8/12/2009 12:26:21 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-5	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-3 #2	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
A3813-05	P6029855.D	Aroclor-1260-4 #2	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3813-05	P6029855.D	Aroclor-1260-4	yogesh	8/12/2009 7:59:45 AM	birha	8/12/2009 12:26:14 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-4	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43879BS	P6029856.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:47 AM	birha	8/12/2009 12:26:06 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43891BS	P6029857.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
PB43891BS	P6029857.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:49 AM	birha	8/12/2009 12:25:59 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1016-1	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1016-2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1016-4	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1016-3 #2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1260-1	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P6081109	Instrument	ECD_6

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 1000	P6029861.D	Aroclor-1260-2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1260-1 #2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1260-2 #2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly
1660 1000	P6029861.D	Aroclor-1260-5 #2	yogesh	8/12/2009 7:59:52 AM	birha	8/12/2009 12:25:50 PM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P6029794.D	11 Aug 2009 11:40	BI	Not Ok
2	HEXANE	P6029795.D	11 Aug 2009 11:53	BI	Not Ok
3	I.BLK	P6029796.D	11 Aug 2009 12:06	BI	Ok
4	1660 1000	P6029797.D	11 Aug 2009 12:19	BI	Ok
5	A3862-01	P6029798.D	11 Aug 2009 12:44	BI	Dilution
6	A3862-02	P6029799.D	11 Aug 2009 12:57	BI	Ok
7	A3862-03	P6029800.D	11 Aug 2009 13:10	BI	ReRun
8	A3862-04	P6029801.D	11 Aug 2009 13:23	BI	Ok
9	A3862-05	P6029802.D	11 Aug 2009 13:36	BI	Ok
10	A3862-06	P6029803.D	11 Aug 2009 13:49	BI	Ok
11	A3862-07	P6029804.D	11 Aug 2009 14:02	BI	Ok
12	A3862-08	P6029805.D	11 Aug 2009 14:15	BI	Ok
13	HEXANE	P6029806.D	11 Aug 2009 14:28	BI	Not Ok

14	HEXANE	P6029807.D	11 Aug 2009 14:41	BI	Not Ok
15	I.BLK	P6029808.D	11 Aug 2009 14:55	BI	Ok
16	1660 1000	P6029809.D	11 Aug 2009 15:08	BI	Ok,M
17	A3862-09	P6029810.D	11 Aug 2009 15:21	BI	Ok
18	A3862-10	P6029811.D	11 Aug 2009 15:34	BI	Ok
19	A3862-11	P6029812.D	11 Aug 2009 15:47	BI	Ok
20	A3862-12	P6029813.D	11 Aug 2009 16:00	BI	Ok,M
21	A3862-13	P6029814.D	11 Aug 2009 16:14	BI	Ok

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3862-14	P6029815.D	11 Aug 2009 16:27	BI	Ok,M
23	A3862-15	P6029816.D	11 Aug 2009 16:40	BI	Ok,M
24	A3862-16	P6029817.D	11 Aug 2009 16:53	BI	ReRun
25	HEXANE	P6029818.D	11 Aug 2009 17:06	BI	Ok
26	HEXANE	P6029819.D	11 Aug 2009 17:19	BI	Ok
27	I.BLK	P6029820.D	11 Aug 2009 17:32	BI	Ok
28	1660 1000	P6029821.D	11 Aug 2009 17:45	BI	Ok,M
29	PB43985BL	P6029822.D	11 Aug 2009 17:58	BI	Ok,M
30	PB43985BS	P6029823.D	11 Aug 2009 18:11	BI	Ok,M
31	A3870-01	P6029824.D	11 Aug 2009 18:24	BI	Ok
32	A3870-02	P6029825.D	11 Aug 2009 18:38	BI	Ok
33	A3870-03	P6029826.D	11 Aug 2009 18:51	BI	Ok
34	A3870-04	P6029827.D	11 Aug 2009 19:04	BI	Ok
35	A3870-05	P6029828.D	11 Aug 2009 19:17	BI	Not Ok
36	A3870-06	P6029829.D	11 Aug 2009 19:30	BI	Ok,M
37	A3870-07	P6029830.D	11 Aug 2009 19:43	BI	Ok
38	HEXANE	P6029831.D	11 Aug 2009 19:56	BI	Ok
39	HEXANE	P6029832.D	11 Aug 2009 20:09	BI	Ok
40	I.BLK	P6029833.D	11 Aug 2009 20:22	BI	Ok
41	1660 1000	P6029834.D	11 Aug 2009 20:35	BI	Ok,M

CHEMTECH **Instrument: ECD 6**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	A3870-08	P6029835.D	11 Aug 2009 20:49	BI	Not Ok
45	PB43963BL	P6029838.D	11 Aug 2009 21:28	BI	Ok,M
46	PB43963BS	P6029839.D	11 Aug 2009 21:41	BI	Ok,M
47	PB43963BSD	P6029840.D	11 Aug 2009 21:54	BI	Ok,M
48	A3870-11	P6029841.D	11 Aug 2009 22:07	BI	Ok
49	A3870-12	P6029842.D	11 Aug 2009 22:20	BI	Ok
50	A3880-04	P6029843.D	11 Aug 2009 22:33	BI	Ok
51	HEXANE	P6029844.D	11 Aug 2009 22:46	BI	Ok
52	HEXANE	P6029845.D	11 Aug 2009 23:00	BI	Ok
53	I.BLK	P6029846.D	11 Aug 2009 23:13	BI	Ok,M
54	1660 1000	P6029847.D	11 Aug 2009 23:26	BI	Ok,M
55	A3880-01	P6029848.D	11 Aug 2009 23:39	BI	Not Ok
56	A3880-02	P6029849.D	11 Aug 2009 23:52	BI	Ok,M
57	A3880-03	P6029850.D	12 Aug 2009 00:05	BI	Ok,M
58	A3882-01	P6029851.D	12 Aug 2009 00:18	BI	Ok
59	A3883-01	P6029852.D	12 Aug 2009 00:31	BI	Ok
60	A3862-01 5X	P6029853.D	12 Aug 2009 00:45	BI	Ok,M
61	A3862-03 RE	P6029854.D	12 Aug 2009 00:58	BI	Confirms

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
62	A3813-05	P6029855.D	12 Aug 2009 1:11	BI	Ok,M
63	PB43879BS	P6029856.D	12 Aug 2009 1:24	BI	Not Ok
64	PB43891BS	P6029857.D	12 Aug 2009 1:37	BI	Ok,M
65	HEXANE	P6029858.D	12 Aug 2009 1:50	BI	Ok
66	HEXANE	P6029859.D	12 Aug 2009 2:04	BI	Ok
67	I.BLK	P6029860.D	12 Aug 2009 2:17	BI	Ok
68	1660 1000	P6029861.D	12 Aug 2009 2:30	BI	Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P6029794.D		Not Ok
2	HEXANE	P6029795.D		Not Ok
3	I.BLK	P6029796.D		Ok
4	1660 1000	P6029797.D		Ok
5	A3862-01	P6029798.D	AR1254 WITH 3 PEAKS	Dilution
6	A3862-02	P6029799.D	ar1254 with 4 peaks	Ok
7	A3862-03	P6029800.D	ar1254 with 4 peaks,dcb high in both cols.	ReRun
8	A3862-04	P6029801.D		Ok
9	A3862-05	P6029802.D		Ok
10	A3862-06	P6029803.D	ar1254 with 4 peaks	Ok
11	A3862-07	P6029804.D	ar1254 with 3 peaks	Ok
12	A3862-08	P6029805.D		Ok
13	HEXANE	P6029806.D		Not Ok
14	HEXANE	P6029807.D		Not Ok
15	I.BLK	P6029808.D		Ok
16	1660 1000	P6029809.D		Ok,M
17	A3862-09	P6029810.D		Ok
18	A3862-10	P6029811.D		Ok
19	A3862-11	P6029812.D		Ok
20	A3862-12	P6029813.D		Ok,M
21	A3862-13	P6029814.D		Ok

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
22	A3862-14	P6029815.D		Ok,M
23	A3862-15	P6029816.D		Ok,M
24	A3862-16	P6029817.D	DCB high in both column	ReRun
25	HEXANE	P6029818.D		Ok
26	HEXANE	P6029819.D		Ok
27	I.BLK	P6029820.D		Ok
28	1660 1000	P6029821.D		Ok,M
29	PB43985BL	P6029822.D		Ok,M
30	PB43985BS	P6029823.D	AR1016 (1,2,3,4), & AR1260 (2,3,4,5) with 4 peaks due to contamination	Ok,M
31	A3870-01	P6029824.D		Ok
32	A3870-02	P6029825.D		Ok
33	A3870-03	P6029826.D		Ok
34	A3870-04	P6029827.D		Ok
35	A3870-05	P6029828.D	Need Cleanup	Not Ok
36	A3870-06	P6029829.D		Ok,M
37	A3870-07	P6029830.D		Ok
38	HEXANE	P6029831.D		Ok
39	HEXANE	P6029832.D		Ok
40	I.BLK	P6029833.D		Ok
41	1660 1000	P6029834.D		Ok,M

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
42	A3870-08	P6029835.D	may carryover	Not Ok
45	PB43963BL	P6029838.D		Ok,M
46	PB43963BS	P6029839.D		Ok,M
47	PB43963BSD	P6029840.D		Ok,M
48	A3870-11	P6029841.D		Ok
49	A3870-12	P6029842.D		Ok
50	A3880-04	P6029843.D		Ok
51	HEXANE	P6029844.D		Ok
52	HEXANE	P6029845.D		Ok
53	I.BLK	P6029846.D		Ok,M
54	1660 1000	P6029847.D		Ok,M
55	A3880-01	P6029848.D	may carryover	Not Ok
56	A3880-02	P6029849.D		Ok,M
57	A3880-03	P6029850.D		Ok,M
58	A3882-01	P6029851.D		Ok
59	A3883-01	P6029852.D		Ok
60	A3862-01 5X	P6029853.D	AR1254 (1,3,4) with 3 peaks	Ok,M
61	A3862-03 RE	P6029854.D	AR1254 (1,3,4,5) with 4 peaksDCB high in both column	Confirms

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Instrument: ECD 6

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P6081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9375	SubDirectory	P6081109
Internal Standard/PEM	N/A	HP Acquire Method	pcbp6.m
ICV/I.BLK	GCP9092	HP Processing Method	P6081009.M

Sr#	SampleId	Data File Name	Comment	Status
62	A3813-05	P6029855.D		Ok,M
63	PB43879BS	P6029856.D	AR1260 low	Not Ok
64	PB43891BS	P6029857.D		Ok,M
65	HEXANE	P6029858.D		Ok
66	HEXANE	P6029859.D		Ok
67	I.BLK	P6029860.D		Ok
68	1660 1000	P6029861.D	TCMX high in second column	Ok,M

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QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3811-02	HD-23(32.5-35)	1	1.17	8.91	7.44	81.1
A3811-05	HD-24(27.5-30)	2	1.18	9.01	7.64	82.6
A3811-07	HD-25(27.5-30)	3	1.17	9.06	7.68	82.6
A3811-08	A3811-07MS	4	NR	NR	NR	NR
A3811-09	A3811-07MSD	5	NR	NR	NR	NR
A3811-15	HD-26(27.5-30)	6	1.17	8.99	8.26	90.7
A3811-16	DUP-05	7	1.17	9	8.17	89.4
A3811-20	HD-27(27.5-30)	8	1.18	9.07	8.3	90.3
A3811-22	HD-28(27.5-30)	9	1.17	8.99	8.36	92.0
A3811-23	A3811-22MS	10	NR	NR	NR	NR
A3811-24	A3811-22MSD	11	NR	NR	NR	NR
A3811-25	DUP-07	12	1.16	8.98	7.36	79.3
A3811-27	HD-29(30-32.5)	13	1.16	8.99	7.49	80.9
A3813-01	TP-1	14	1.17	8.84	7.02	76.3
A3813-02	TP-2	15	1.16	9.05	7.4	79.1
A3813-03	TP-3	16	1.16	8.89	7.71	84.8
A3813-04	TP-X	17	1.16	8.93	7.29	78.9
A3813-05	TP-4	18	1.17	8.83	7.88	87.6
A3813-06	TP-5	19	1.16	9.01	7.51	80.9
A3813-07	A3813-06MS	20	NR	NR	NR	NR
A3813-08	A3813-06MSD	21	NR	NR	NR	NR
A3813-09	TP-6	22	1.17	8.85	7.27	79.5
A3815-01	T-1	23	1.17	8.92	7.86	86.4
A3815-02	T-2	24	1.17	8.85	7.26	79.3
A3815-03	T-3	25	1.18	8.9	6.71	71.7
A3815-04	T-4	26	1.17	8.85	7.71	85.2
A3816-01	SBM-7	27	1.16	8.95	7.55	82.1
A3816-02	A3816-01MS	28	NR	NR	NR	NR
A3816-03	A3816-01MSD	29	NR	NR	NR	NR
A3816-04	SBM-1	30	1.18	8.79	6.76	73.4
A3816-05	SBM-8	31	1.16	8.78	6.95	76.0
A3816-06	FDSS080309	32	1.17	8.7	6.95	76.8
A3816-07	SBM-2	33	1.19	8.89	7.43	81.1
A3816-08	SBM-11	34	1.16	9.02	7.41	79.6

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

A. P. 08/06/09

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3816-09	SBM-12	35	1.17	8.89	7.87	86.8
A3816-10	SBM-4	36	1.16	8.83	6.96	75.7
A3816-11	SBM-3	37	1.18	9.06	7.51	80.4
A3816-12	SBM-5	38	1.17	8.92	7.52	82.0
A3816-13	SBM-9	39	1.16	8.96	7.77	84.8
A3816-15	SBM-10	40	1.16	8.9	7.63	83.6
A3816-16	SBM-6	41	1.16	8.98	8	87.5
A3816-17	SBM-6-S-2	42	1.16	8.97	7.68	83.5
A3816-18	SBM-3-S-1	43	1.16	9.03	7.84	84.9
A3816-19	SBM-4-S-1	44	1.17	9.08	7.78	83.6
A3816-20	SBM-2-S-3	45	1.19	8.9	7.74	85.0
A3816-21	SBM-9-S-1	46	1.17	8.89	7.82	86.2
A3816-22	SBM-1-S-2	47	1.19	8.95	7.27	78.4
A3817-01	LOT-080-39	48		OINTMENT	SAMPLE	100.0
A3818-01	SB-1	49	1.18	8.87	7.55	82.9
A3818-02	SB-2	50	1.19	9.05	8.12	88.2
A3823-03	TRC-181X-EP-B-11	51	1.16	8.76	7.49	83.3
A3823-04	TRC-181X-EP-S-11	52	1.18	9.04	7.39	79.1
A3823-05	TRC-181X-EP-S-11DUP	53	1.19	8.96	7.89	86.3
A3811-22D	HD-28(27.5-30)D	9D	1.17	9.02	8.46	92.9
A3816-01D	SBM-7D	27D	1.16	8.98	7.65	83.0
A3823-03D	TRC-181X-EP-B-11D	51D	1.16	8.79	7.59	84.3
BLANK	DISH	B1	1.16	1.16	1.16	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

08/06/09 A.P.

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 081415

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 12,3	SBM-7	Soil		X	8/3/09	1035	3	X	X	X	X						MS/MSD
2. 4	SBM-1	Soil		X	8/2/09	1100	1	X	X	X	X						
3. 5	SBM-8	Soil		X	8/3/09	1135	1	X	X	X	X						
4. 6	FDSS080309	Soil		X	8/3/09	1200	1	X	X	X	X						
5. 7	SBM-2	Soil		X	8/3/09	1210	1	X	X	X	X						
6. 8	SBM-11	Soil		X	8/3/09	1230	1	X	X	X	X						
7. 9	SBM-12	Soil		X	8/3/09	1320	1	X	X	X	X						
8. 10	SBM-4	Soil		X	8/3/09	1340	1	X	X	X	X						
9. 11	SBM-3	Soil		X	8/3/09	1410	1	X	X	X	X						
10. 12	SBM-5	Soil		X	8/3/09	1550	1	X	X	X	X						

← Specify Preservatives
A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/4/09 1610	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 9:55	RECEIVED FOR LAB BY:
3.	8-5-09	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 078975

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator Site
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: SAME FAX: SAME

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals	TAL Metals				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 13	SBM-9	soil		X	8/3/09	1555	1	X	X	X	X						
2. 14	EB080309	water		X	~~8/3/09~~ 8/4/09	1430	4	X	X	X		X					
3. 15	SBM-10	soil		X	8/3/09	1615	1	X	X	X	X						
4. 16	SBM-6	soil		X	8/3/09	1610	1	X	X	X	X						
5. 17	SBM-6 @ S-2	soil		X	8/4/09	1045	1	X	X	X	X						
6. 18	SBM-3 S-1	soil		X	8/4/09	1115	1	X	X	X	X						
7. 19	SBM-4 S-1	soil		X	8/4/09	1110	1	X	X	X	X						
8. 20	SBM-2 S-3	soil		X	8/4/09	1055	1	X	X	X	X						
9. 21	SBM-9 S-1	soil		X	8/4/09	1140	1	X	X	X	X						
10. 22	SBM-1 S-2	soil		X	8/4/09	1050	1	X	X	X	X						

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
1. ~~RELINQUISHED BY SAMPLER:~~	8/4/09 1610	1.
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:
3. RELINQUISHED BY: DHL/PS	DATE/TIME: 9:55 8-5-09	3. RECEIVED FOR LAB BY:

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

UPS CampusShip: View/Print Label

1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

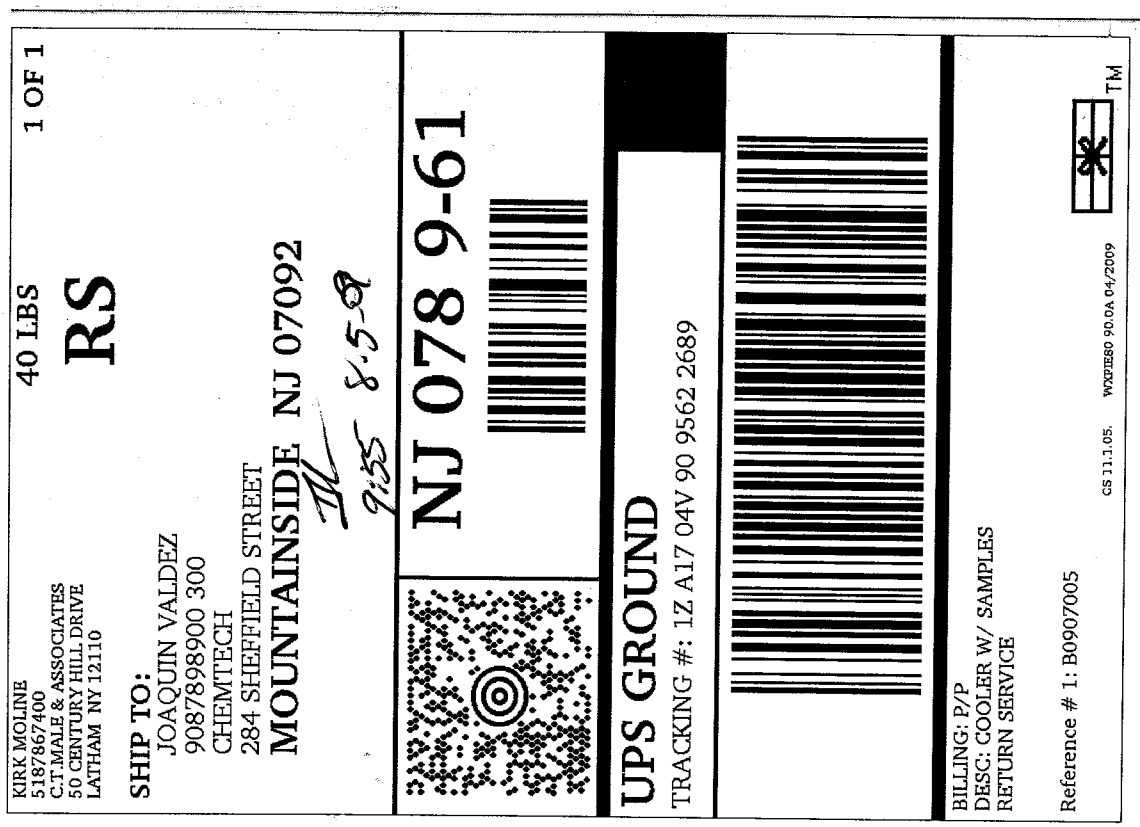
   Customers without a Daily Pickup

   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup

   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



UPS CampusShip: View/Print Label

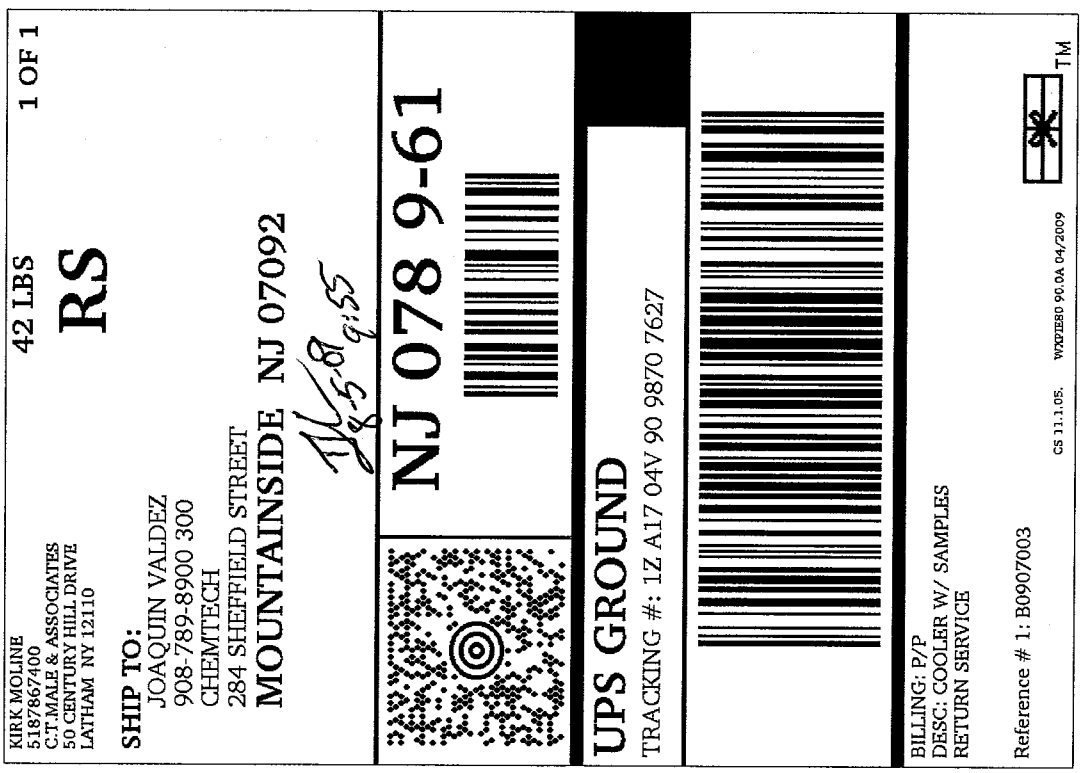
1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

END OF ANALYTICAL RESULTS

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : OLD TROY MUNICIPAL INCINERATOR

C.T. MALE & ASSOCIATES

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 5187867400

ORDER ID : A3816

ATTENTION : Kirk Moline

Table of Contents for A3816(PESTICIDES DATA)

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PESTICIDE/PCB SAMPLE DATA 18

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CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3816

Project ID : Old Troy Municipal Incinerator

Client : C.T. Male & Associates

Lab Sample Number	Client Sample Number
A3816-01	SBM-7
A3816-02	A3816-01MS
A3816-03	A3816-01MSD
A3816-04	SBM-1
A3816-05	SBM-8
A3816-06	FDSS080309
A3816-07	SBM-2
A3816-08	SBM-11
A3816-09	SBM-12
A3816-10	SBM-4
A3816-11	SBM-3
A3816-12	SBM-5
A3816-13	SBM-9
A3816-14	EB080309
A3816-15	SBM-10
A3816-16	SBM-6
A3816-17	SBM-6-S-2
A3816-18	SBM-3-S-1
A3816-19	SBM-4-S-1
A3816-20	SBM-2-S-3
A3816-21	SBM-9-S-1
A3816-22	SBM-1-S-2

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 7. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 111391. The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11324.
The analysis of Pesticide-TCL was based on method 8081 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria except for Endosulfan I, 4,4'-DDD, Endosulfan Sulfate, Methoxychlor and Endrin aldehyde.
The Blank Spike met requirements for all samples except for Dieldrin.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration File ID ccal01 met the requirements except for Endosulfan Sulfate in first column. The Calibration File ID ccal02 met the requirements except for Heptachlor, Endosulfan Sulfate and Endrin ketone in first column. The Calibration File ID ccal02 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor. The Calibration File ID ccal03 ,ccal04The Calibration File ID ccal05 met the requirements except for Heptachlor. met the requirements except for 4,4'-DDT. in second column The Calibration File ID ccal05 met the requirements except for Heptachlor. The Calibration File ID ccal06 met the requirements except for beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, 4,4'-DDD, Endosulfan Sulfate and Endrin ketone in first colum

The Calibration File ID ccal06 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor in second column but it is not present in the samples.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Result Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U. This is the detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the compound was analyzed for but was not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L, and a concentration of 3ug/L was calculated, report as 3 J.
B	Indicates the analyte was found in the blank as well as the sample.
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected Aldol-condensation product.

CHEMTECH

PESTICIDE/PCB

DATA

CHEMTECH

PESTICIDE/PCB QC DATA

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PB43888BL	114		109		111		114				0
02	PB43888BS	85		82		86		90				0
03	PB43888BSD	85		82		91		93				0
04	EB080309	57		55		89		89				0

QC LIMITS

TCMX = Tetrachloro-m-xylene (18-157)
DCB = Decachlorobiphenyl (18-157)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC #	TCX2 % REC #	DCB1 % REC #	DCB2 % REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PB43893BL	110	107	110	111			0
02	PB43893BS	96	93	95	99			0
03	SBM-7	79	76	77	80			0
04	A3816-01MS	86	81	90	95			0
05	A3816-01MSD	61	61	87	92			0
06	SBM-1	59	58	74	75			0
07	SBM-8	62	61	70	71			0
08	FDSS080309	59	60	70	77			0
09	SBM-2	57	55	67	70			0
10	SBM-11	74	73	77	80			0
11	SBM-12	95	97	88	87			0
12	SBM-4	70	72	79	81			0
13	SBM-3	87	90	89	88			0
14	SBM-5	84	87	87	88			0
15	SBM-9	60	78	82	82			0
16	SBM-10	49	61	78	74			0
17	SBM-6	84	99	102	99			0
18	SBM-6-S-2	64	74	85	82			0
19	SBM-3-S-1	63	70	83	82			0
20	SBM-4-S-1	71	76	84	83			0
21	SBM-2-S-3	61	65	86	85			0
22	SBM-9-S-1	65	68	59	58			0
23	SBM-1-S-2	61	64	70	70			0

QC LIMITS

TCMX = Tetrachloro-m-xylene (25-140)
DCB = Decachlorobiphenyl (25-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

3F

SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: A3816-02MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
alpha-BHC	20.2	0	22	99	(38-125)
beta-BHC	20.2	0	22	99	(45-126)
delta-BHC	20.2	0	20	99	(33-123)
gamma-BHC (Lindane)	20.2	0	23	104	(42-126)
Heptachlor	20.2	0	22	94	(43-123)
Aldrin	20.2	0	20	94	(34-128)
Heptachlor epoxide	20.2	0	20	94	(43-126)
Endosulfan I	20.2	0	19	84	(31-137)
Dieldrin	20.2	0	19	89	(34-136)
4,4'-DDE	20.2	0	19	89	(34-146)
Endrin	20.2	0	19	94	(31-143)
Endosulfan II	20.2	0	21	89	(33-123)
4,4'-DDD	20.2	0	19	79	(31-126)
Endosulfan sulfate	20.2	0	20	99	(27-127)
4,4'-DDT	20.2	0	22	94	(16-157)
Methoxychlor	20.2	0	21	99	(19-172)
Endrin ketone	20.2	0	21	99	(34-123)
Endrin aldehyde	20.2	0	17	79	(22-121)
alpha-Chlordane	20.2	0	19	89	(34-132)
gamma-Chlordane	20.2	0	19	89	(33-135)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: A3816-03MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
alpha-BHC	20.2	21	94	4	20	(38-125)
beta-BHC	20.2	20	89	9	20	(45-126)
delta-BHC	20.2	18	79	8	20	(33-123)
gamma-BHC (Lindane)	20.2	22	94	1	50	(42-126)
Heptachlor	20.2	18	79	19	31	(43-123)
Aldrin	20.2	18	84	8	43	(34-128)
Heptachlor epoxide	20.2	19	84	8	20	(43-126)
Endosulfan I	20.2	15	59	26*	20	(31-137)
Dieldrin	20.2	17	79	13	38	(34-136)
4,4'-DDE	20.2	16	79	13	20	(34-146)
Endrin	20.2	14	69	33	45	(31-143)
Endosulfan II	20.2	17	64	19	20	(33-123)
4,4'-DDD	20.2	15	64	20	20	(31-126)
Endosulfan sulfate	20.2	14	59	33*	20	(27-127)
4,4'-DDT	20.2	17	74	25	50	(16-157)
Methoxychlor	20.2	13	64	46*	20	(19-172)
Endrin ketone	20.2	17	84	19	20	(34-123)
Endrin aldehyde	20.2	11	54	43*	20	(22-121)
alpha-Chlordane	20.2	17	84	13	20	(34-132)
gamma-Chlordane	20.2	17	79	13	20	(33-135)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 4 out of 20 outside limits

Spike Recovery: 0 out of 20 outside limits

3E

WATER LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43888BS

COMPOUND	SPIKE ADDED (ug/L)		LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
alpha-BHC	0.5000		0.54	108	(65-141)
beta-BHC	0.5000		0.54	108	(42-152)
delta-BHC	0.5000		0.53	106	(26-172)
gamma-BHC (Lindane)	0.5000		0.55	110	(60-143)
Heptachlor	0.5000		0.53	106	(60-147)
Aldrin	0.5000		0.46	92	(62-130)
Heptachlor epoxide	0.5000		0.50	100	(42-144)
Endosulfan I	0.5000		0.49	98	(54-136)
Dieldrin	0.5000		0.48	96	(64-137)
4,4'-DDE	0.5000		0.46	92	(57-141)
Endrin	0.5000		0.51	102	(56-147)
Endosulfan II	0.5000		0.50	100	(45-143)
4,4'-DDD	0.5000		0.48	96	(45-166)
Endosulfan sulfate	0.5000		0.59	118	(42-155)
4,4'-DDT	0.5000		0.50	100	(45-164)
Methoxychlor	0.5000		0.55	110	(48-161)
Endrin ketone	0.5000		0.55	110	(55-175)
Endrin aldehyde	0.5000		0.49	98	(52-150)
alpha-Chlordane	0.5000		0.47	94	(55-139)
gamma-Chlordane	0.5000		0.47	94	(53-141)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43888BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	#	% RPD	#	QC LIMITS RPD	REC
alpha-BHC	0.5000	0.55	110		2		20	(65-141)
beta-BHC	0.5000	0.55	110		2		20	(42-152)
delta-BHC	0.5000	0.55	110		4		20	(26-172)
gamma-BHC (Lindane)	0.5000	0.56	112		2		15	(60-143)
Heptachlor	0.5000	0.54	108		2		20	(60-147)
Aldrin	0.5000	0.48	96		4		22	(62-130)
Heptachlor epoxide	0.5000	0.51	102		2		20	(42-144)
Endosulfan I	0.5000	0.51	102		4		20	(54-136)
Dieldrin	0.5000	0.49	98		2		18	(64-137)
4,4'-DDE	0.5000	0.48	96		4		20	(57-141)
Endrin	0.5000	0.53	106		4		21	(56-147)
Endosulfan II	0.5000	0.51	102		2		20	(45-143)
4,4'-DDD	0.5000	0.50	100		4		20	(45-166)
Endosulfan sulfate	0.5000	0.61	122		3		20	(42-155)
4,4'-DDT	0.5000	0.52	104		4		27	(45-164)
Methoxychlor	0.5000	0.57	114		4		20	(48-161)
Endrin ketone	0.5000	0.56	112		2		20	(55-175)
Endrin aldehyde	0.5000	0.51	102		4		20	(52-150)
alpha-Chlordane	0.5000	0.49	98		4		20	(55-139)
gamma-Chlordane	0.5000	0.49	98		4		20	(53-141)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 20 outside limits

Spike Recovery: 0 out of 20 outside limits

3F

SOIL LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43893BS

COMPOUND	SPIKE ADDED (ug/Kg)		LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
alpha-BHC	16.6		17	102	(90-116)
beta-BHC	16.6		17	102	(89-116)
delta-BHC	16.6		17	102	(90-119)
gamma-BHC (Lindane)	16.6		18	108	(90-118)
Heptachlor	16.6		18	108	(89-115)
Aldrin	16.6		16	96	(89-117)
Heptachlor epoxide	16.6		15	90	(89-114)
Endosulfan I	16.6		15	90	(88-117)
Dieldrin	16.6		15	90*	(91-115)
4,4'-DDE	16.6		16	96	(88-116)
Endrin	16.6		16	96	(85-121)
Endosulfan II	16.6		15	90	(87-117)
4,4'-DDD	16.6		15	90	(88-122)
Endosulfan sulfate	16.6		18	108	(88-125)
4,4'-DDT	16.6		16	96	(80-119)
Methoxychlor	16.6		17	102	(86-120)
Endrin ketone	16.6		17	102	(86-123)
Endrin aldehyde	16.6		16	96	(86-116)
alpha-Chlordane	16.6		15	90	(90-114)
gamma-Chlordane	16.6		15	90	(89-115)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 1 out of 20 outside limits

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43888BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43888BL Lab File ID: P7039708.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/10/2009 Date Analyzed (2): 8/10/2009

Time Analyzed (1): 14:39 Time Analyzed (2): 14:39

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB43888BS	PB43888BS	P7039709.D	8/10/2009	8/10/2009
PB43888BSD	PB43888BSD	P7039710.D	8/10/2009	8/10/2009
EB080309	A3816-14	P7039711.D	8/10/2009	8/10/2009

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43893BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43893BL Lab File ID: P7039706.D

Matrix: (soil/water) SOIL Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/10/2009 Date Analyzed (2): 8/10/2009

Time Analyzed (1): 14:11 Time Analyzed (2): 14:11

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB43893BS	PB43893BS	P7039707.D	8/10/2009	8/10/2009
SBM-7	A3816-01	P7039749.D	8/11/2009	8/11/2009
A3816-02MS	A3816-02MS	P7039750.D	8/11/2009	8/11/2009
A3816-03MSD	A3816-03MSD	P7039751.D	8/11/2009	8/11/2009
SBM-1	A3816-04	P7039752.D	8/11/2009	8/11/2009
SBM-8	A3816-05	P7039753.D	8/11/2009	8/11/2009
FDSS080309	A3816-06	P7039754.D	8/11/2009	8/11/2009
SBM-2	A3816-07	P7039755.D	8/11/2009	8/11/2009
SBM-11	A3816-08	P7039756.D	8/11/2009	8/11/2009
SBM-12	A3816-09	P7039757.D	8/11/2009	8/11/2009
SBM-4	A3816-10	P7039758.D	8/11/2009	8/11/2009
SBM-3	A3816-11	P7039810.D	8/12/2009	8/12/2009
SBM-5	A3816-12	P7039811.D	8/12/2009	8/12/2009
SBM-9	A3816-13	P7039812.D	8/12/2009	8/12/2009
SBM-10	A3816-15	P7039813.D	8/12/2009	8/12/2009
SBM-6	A3816-16	P7039814.D	8/12/2009	8/12/2009
SBM-6-S-2	A3816-17	P7039815.D	8/12/2009	8/12/2009
SBM-3-S-1	A3816-18	P7039816.D	8/12/2009	8/12/2009
SBM-4-S-1	A3816-19	P7039817.D	8/12/2009	8/12/2009
SBM-2-S-3	A3816-20	P7039818.D	8/12/2009	8/12/2009
SBM-9-S-1	A3816-21	P7039819.D	8/12/2009	8/12/2009
SBM-1-S-2	A3816-22	P7039820.D	8/12/2009	8/12/2009

COMMENTS:

CHEMTECH

PESTICIDE/PCB SAMPLE DATA

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039749.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

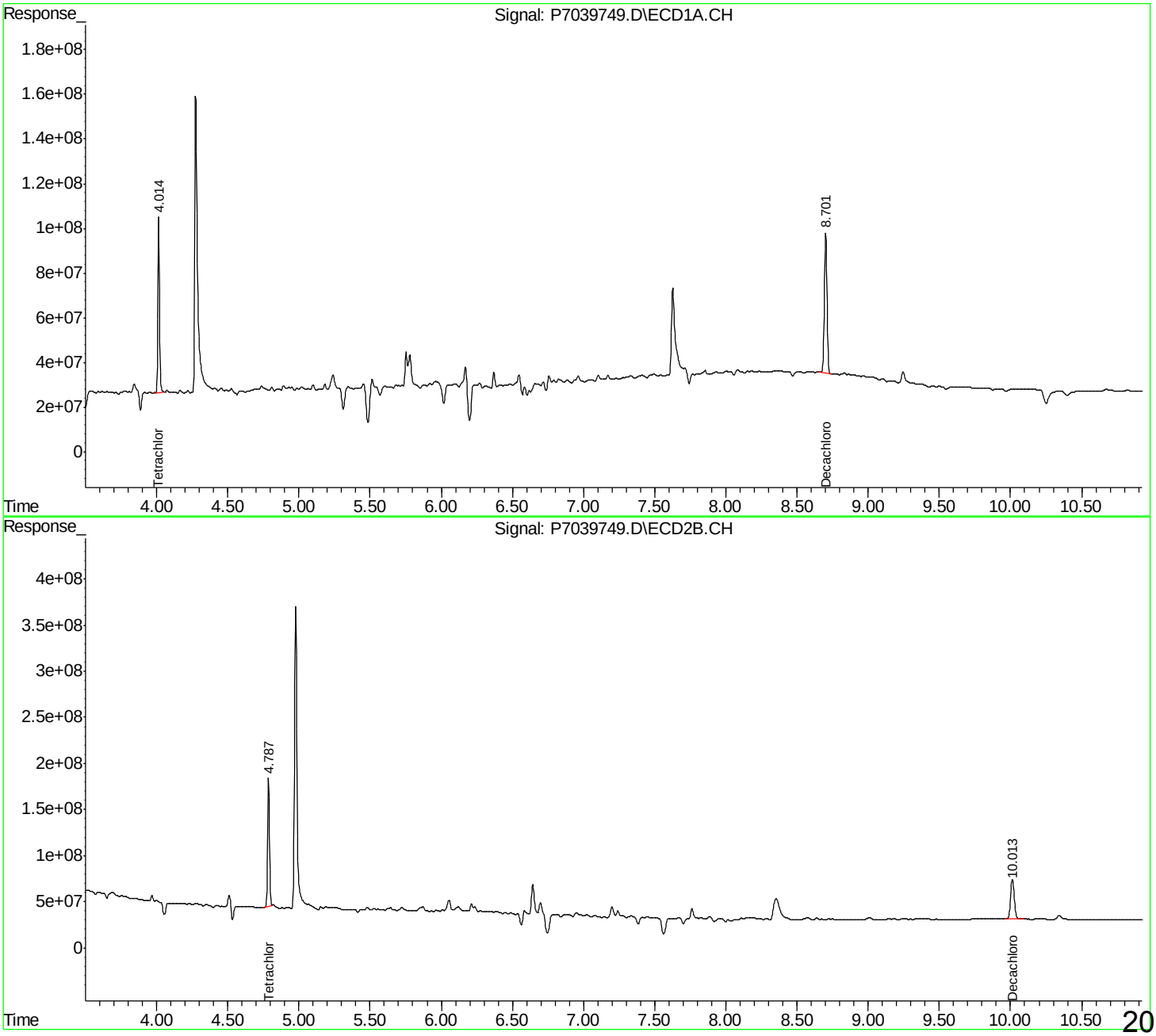
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039749.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:47
Operator : JJ
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:03 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039749.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:47
Operator : JJ
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:03 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.016	4.788	689.3E6	1359.3E6	15.481	16.059
22)	SA Decachlor...	8.702	10.015	758.1E6	773.2E6	15.771	15.291
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039752.D

% Moisture: 27 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

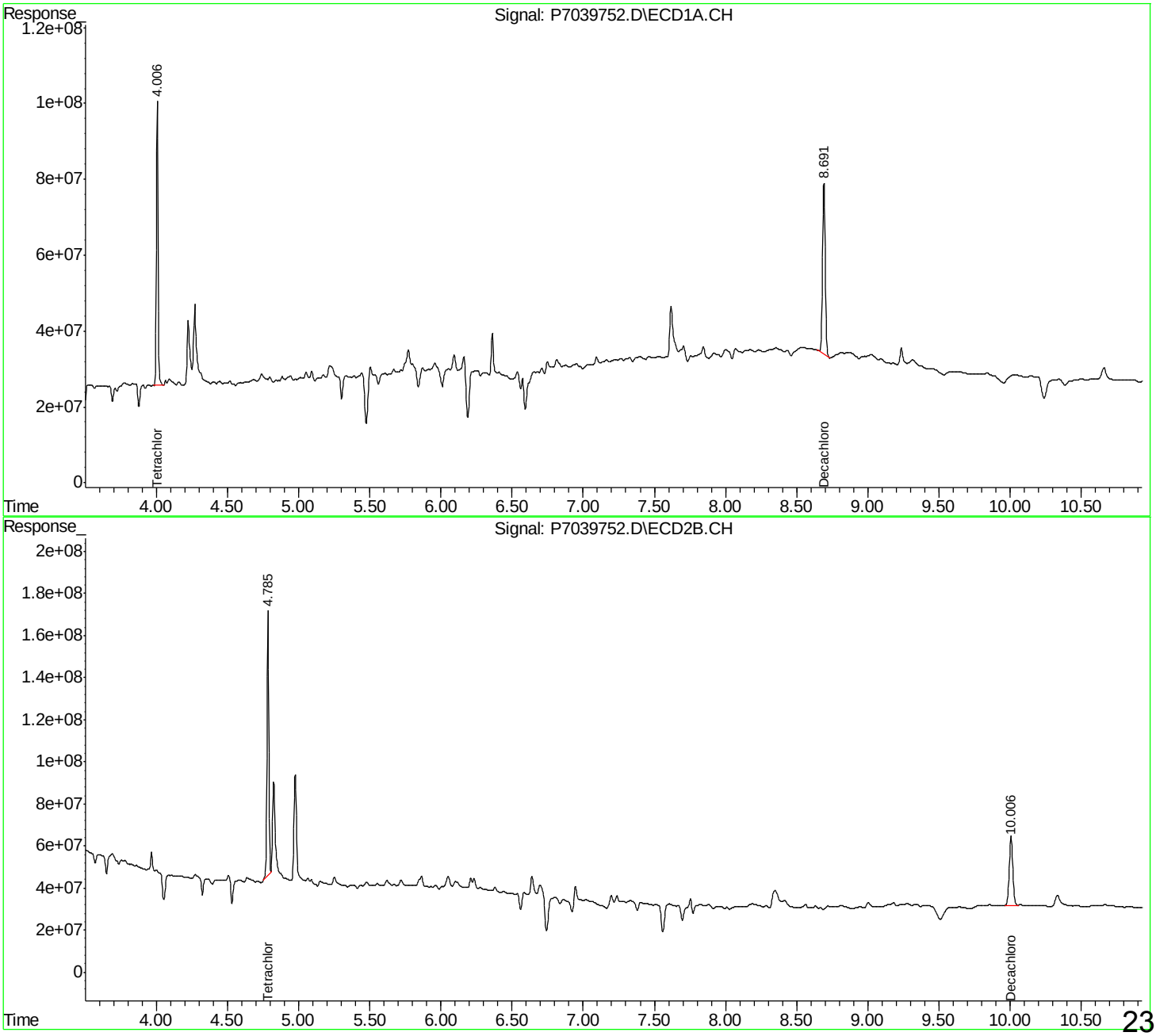
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	2.3	U
72-55-9	4,4'-DDE	2.3	U
72-20-8	Endrin	2.3	U
33213-65-9	Endosulfan II	2.3	U
72-54-8	4,4'-DDD	2.3	U
1031-07-8	Endosulfan sulfate	2.3	U
50-29-3	4,4'-DDT	2.3	U
72-43-5	Methoxychlor	2.3	U
53494-70-5	Endrin ketone	2.3	U
7421-93-4	Endrin aldehyde	2.3	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	23	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:29
Operator : JJ
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:58:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:29
Operator : JJ
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:58:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	661.1E6	1262.7E6	14.846	14.917
22)	SA Decachlor...	8.693	10.007	570.3E6	587.0E6	11.864	11.610
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039753.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

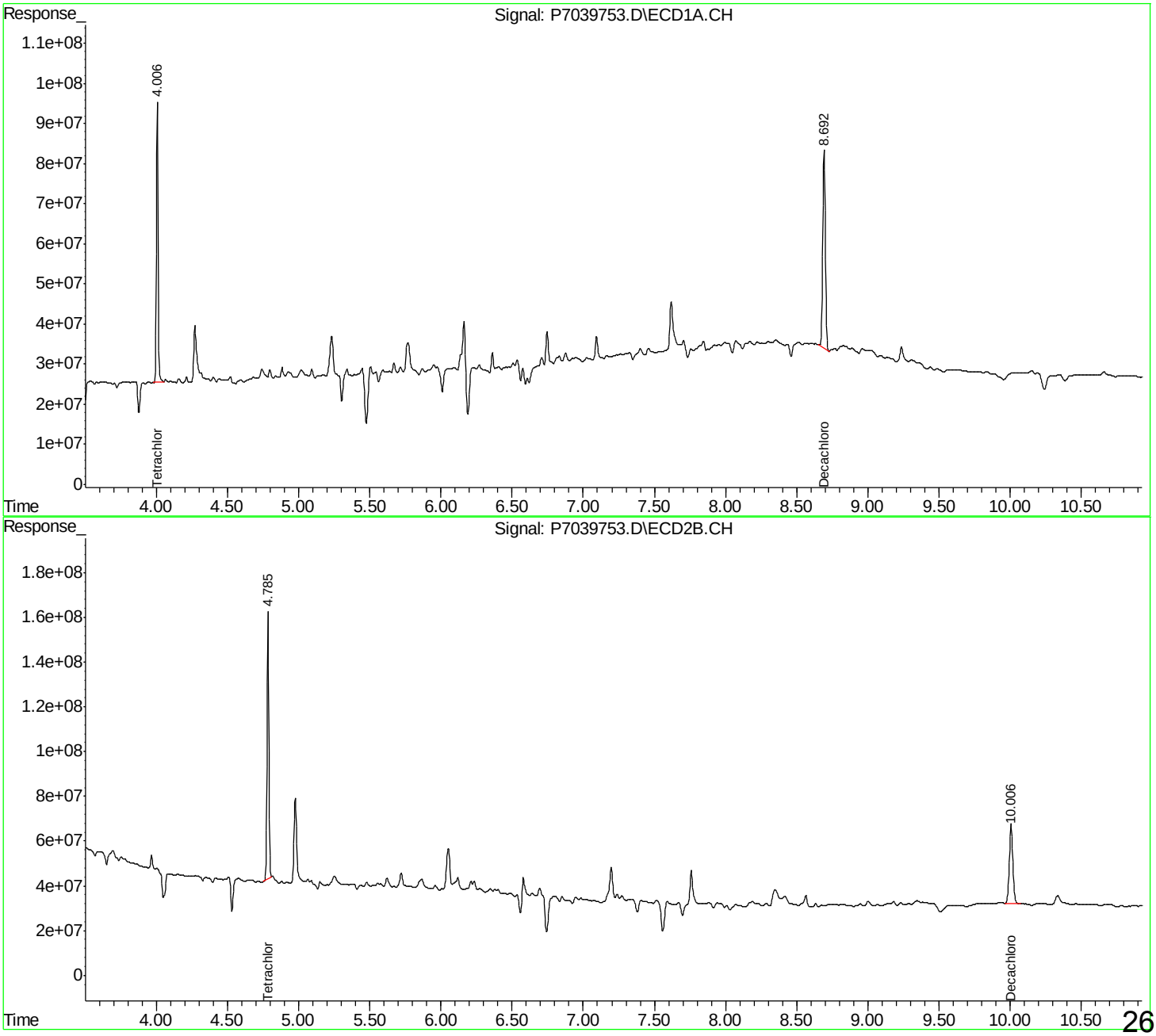
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039753.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:43
Operator : JJ
Sample : A3816-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:58:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039753.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:43
Operator : JJ
Sample : A3816-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:58:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.786	618.9E6	1196.2E6	13.898	14.132
22)	SA Decachlor...	8.694	10.007	600.4E6	621.4E6	12.490	12.289
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039754.D

% Moisture: 23 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

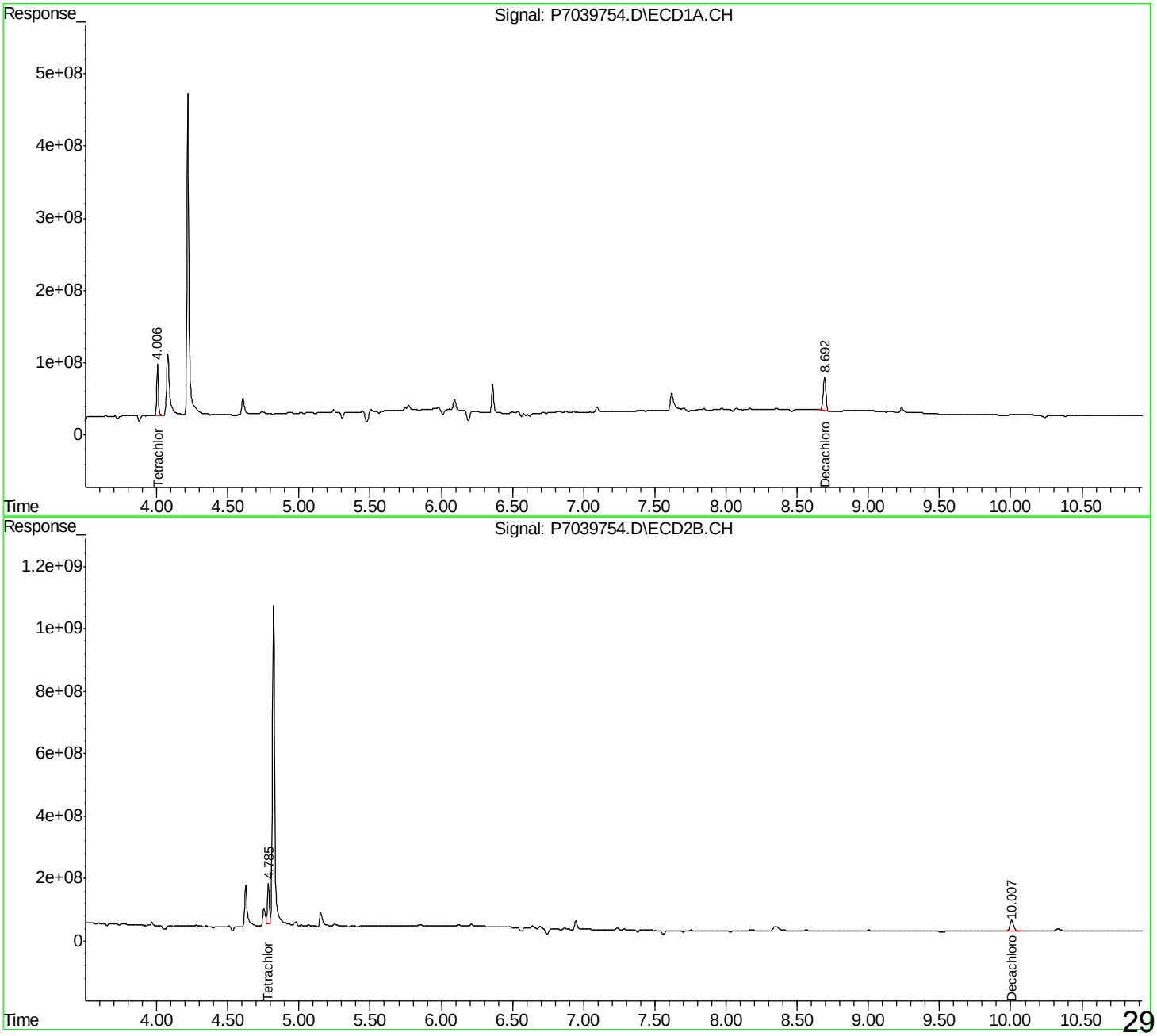
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:58
Operator : JJ
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:59:28 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

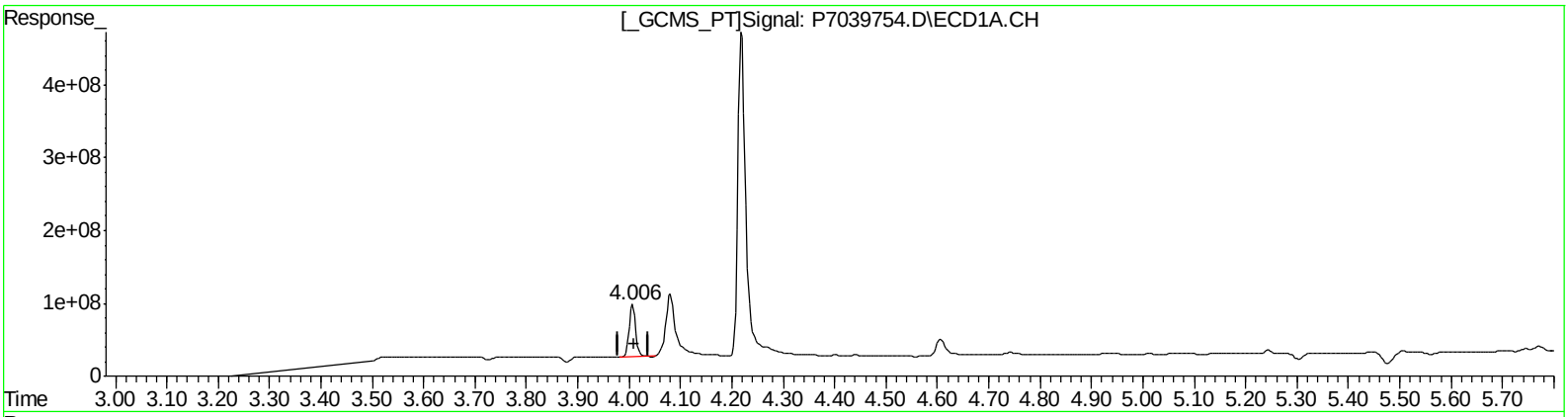


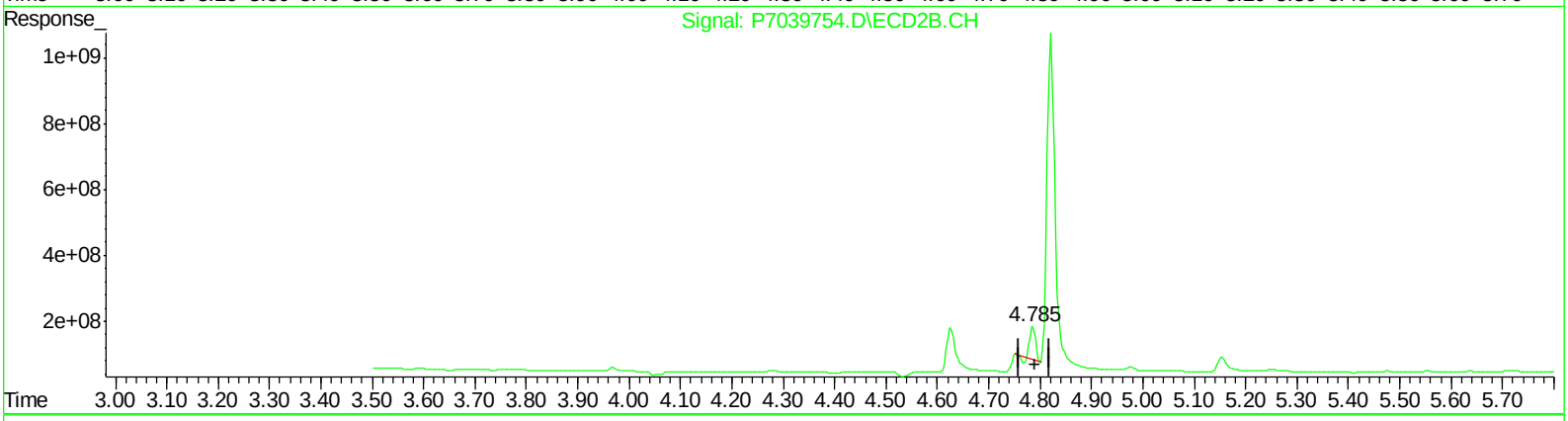
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:58
Operator : JJ
Sample   : A3816-06
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:59:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 14.049 ng/ml

response 625585787

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 8.327 ng/ml

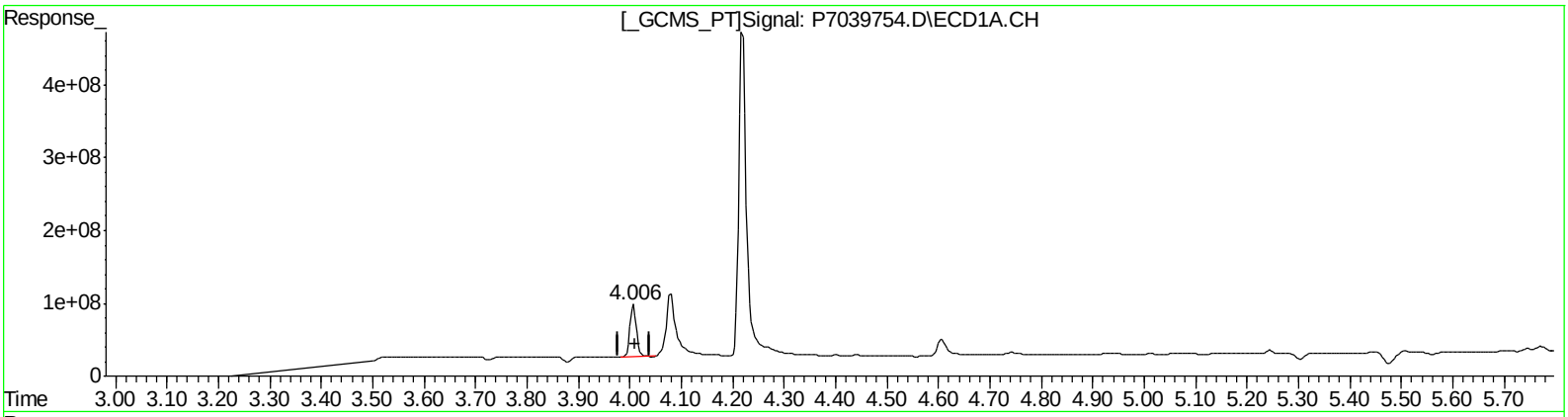
response 704841913

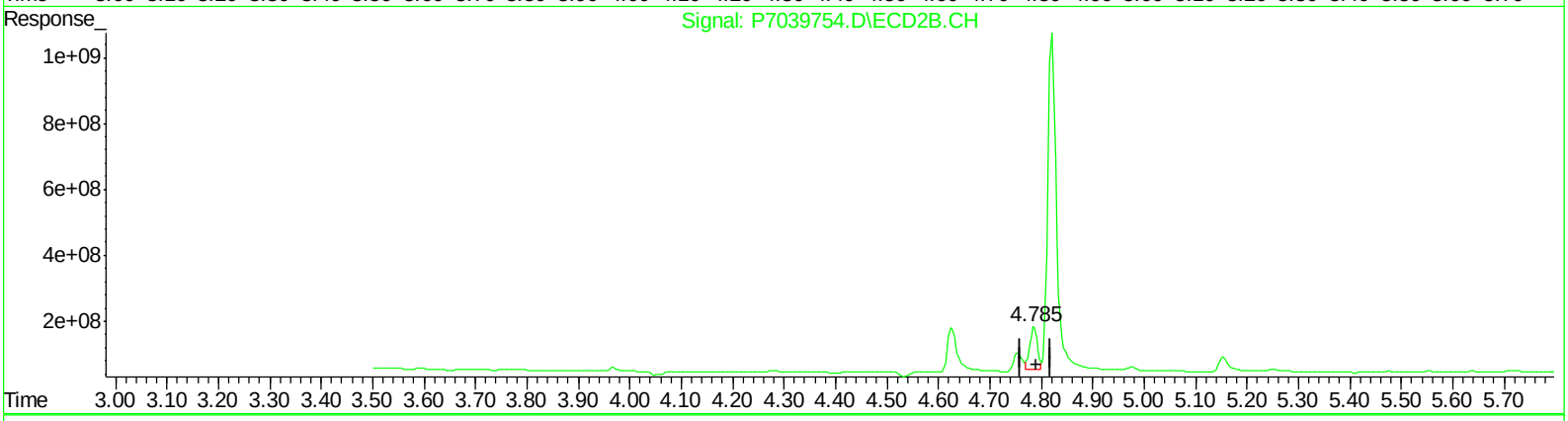
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:58
Operator : JJ
Sample   : A3816-06
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:59:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 14.049 ng/ml

response 625585787

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 15.426 ng/ml m

response 1305790438

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039754.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:58
Operator : JJ
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:59:28 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	625.6E6	1305.8E6	14.049	15.426m
22)	SA Decachlor...	8.694	10.008	569.9E6	608.7E6	11.856	12.038
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039755.D

% Moisture: 19 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

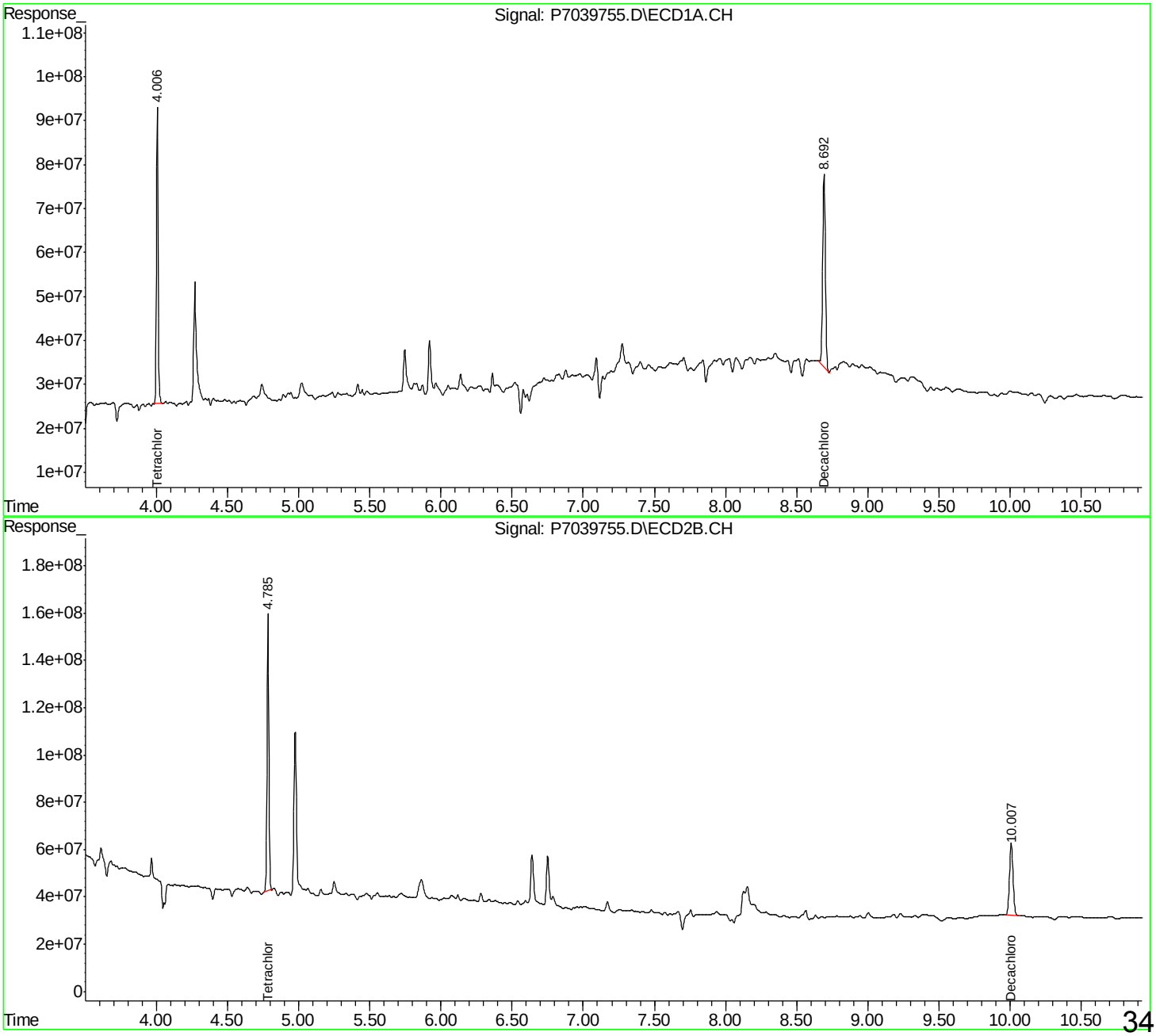
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039755.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:12
Operator : JJ
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:00:19 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039755.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:12
Operator : JJ
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:00:19 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	597.9E6	1178.8E6	13.427	13.926
22)	SA Decachlor...	8.693	10.008	544.4E6	555.3E6	11.325	10.981
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039756.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

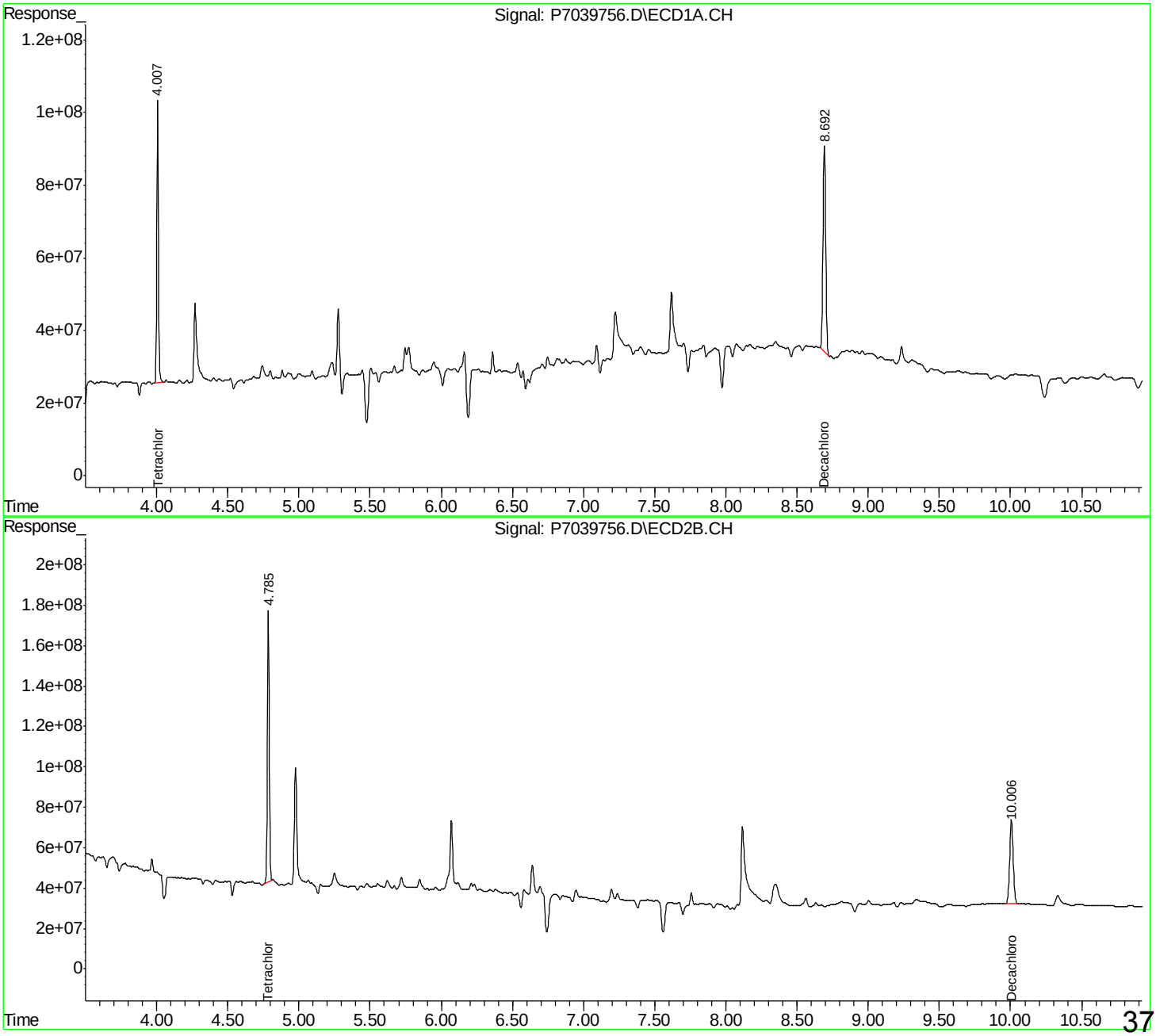
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:26
Operator : JJ
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:01:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

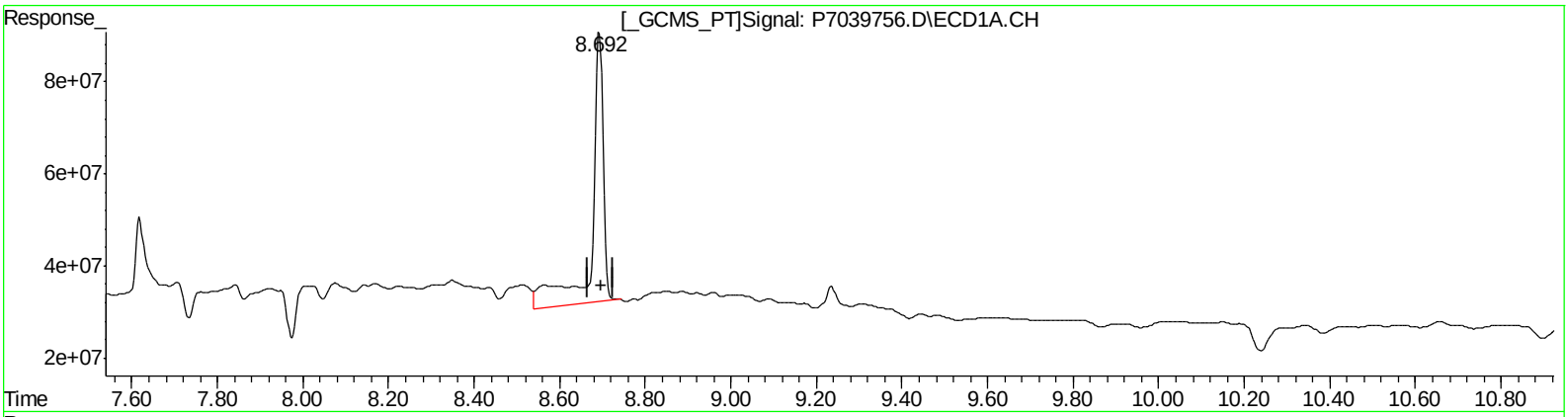


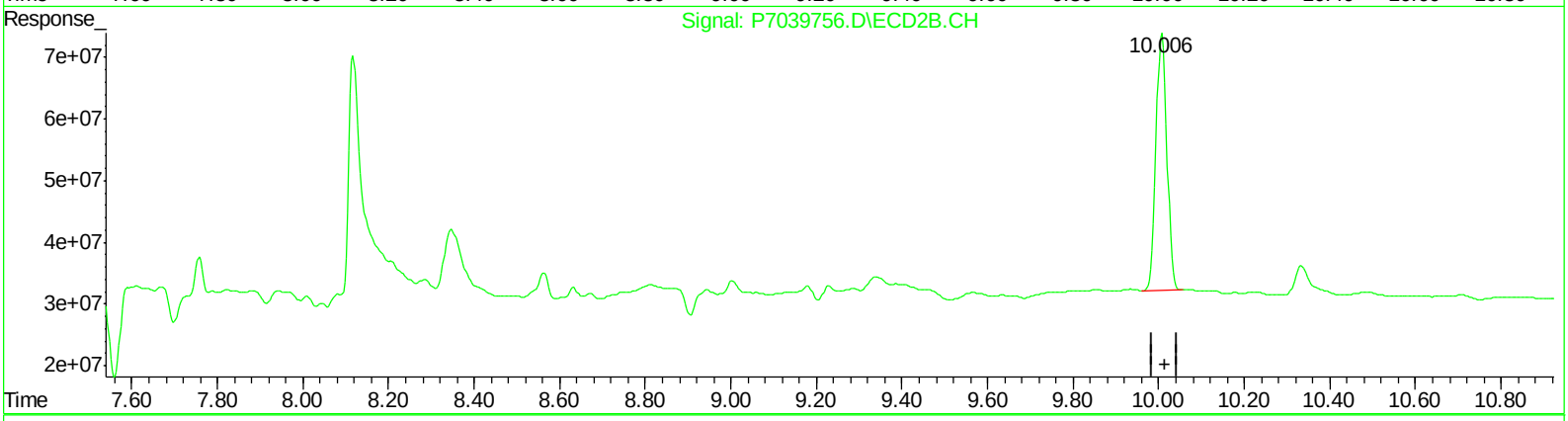
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 13:26
Operator : JJ
Sample   : A3816-08
Misc   :
ALS Vial : 12   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:00:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 22.344 ng/ml

response 1074045015

(22) Decachlorobiphenyl #2 (SA)

10.008min 14.566 ng/ml

response 736508281

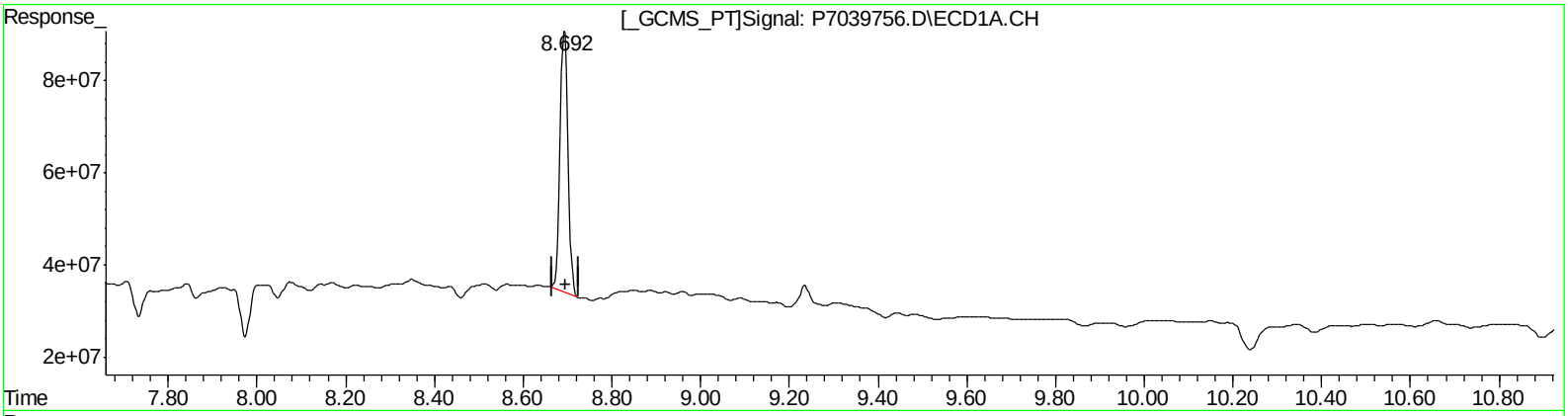
(+) = Expected Retention Time

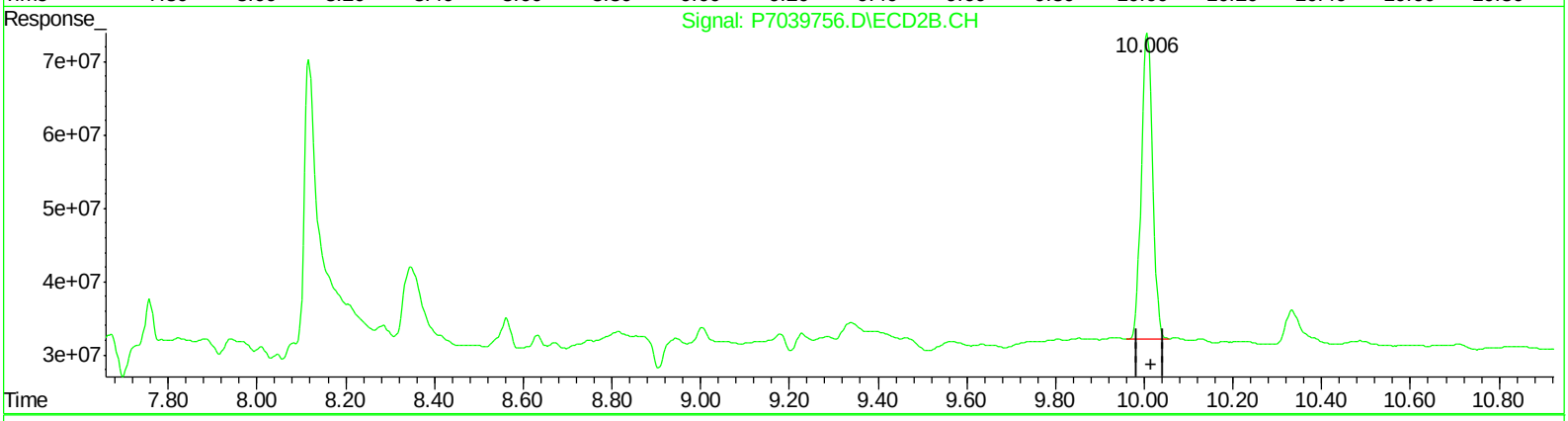
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 13:26
Operator : JJ
Sample   : A3816-08
Misc   :
ALS Vial : 12   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:00:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 14.823 ng/ml m

response 712506360

(22) Decachlorobiphenyl #2 (SA)

10.008min 14.566 ng/ml

response 736508281

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039756.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:26
Operator : JJ
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:01:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	686.7E6	1349.7E6	15.422	15.945
22)	SA Decachlor...	8.692	10.008	712.5E6	736.5E6	14.823m	14.566
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039757.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

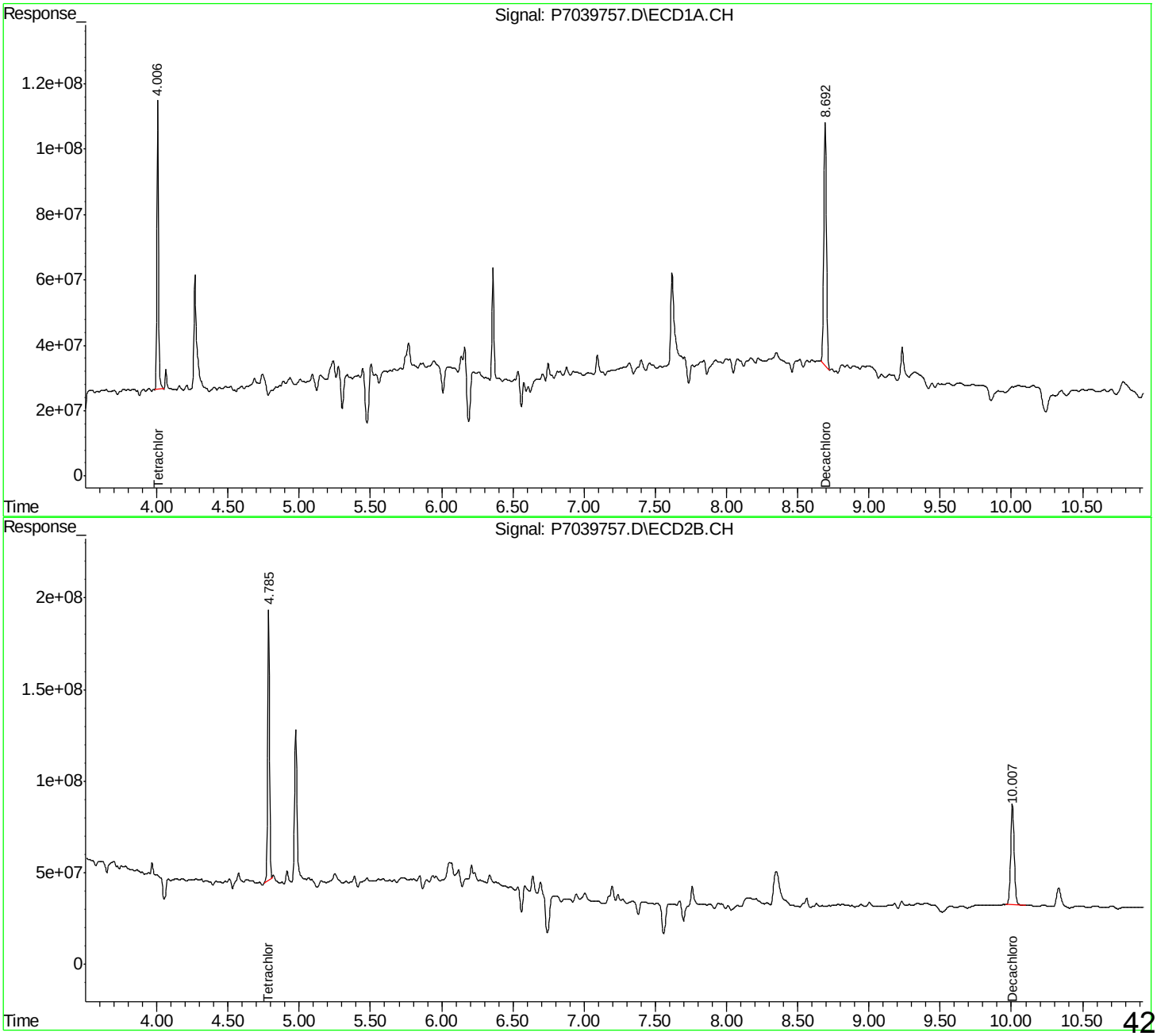
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	1.9	U
72-55-9	4,4'-DDE	1.9	U
72-20-8	Endrin	1.9	U
33213-65-9	Endosulfan II	1.9	U
72-54-8	4,4'-DDD	1.9	U
1031-07-8	Endosulfan sulfate	1.9	U
50-29-3	4,4'-DDT	1.9	U
72-43-5	Methoxychlor	1.9	U
53494-70-5	Endrin ketone	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	19	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039757.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:40
Operator : JJ
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:04:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

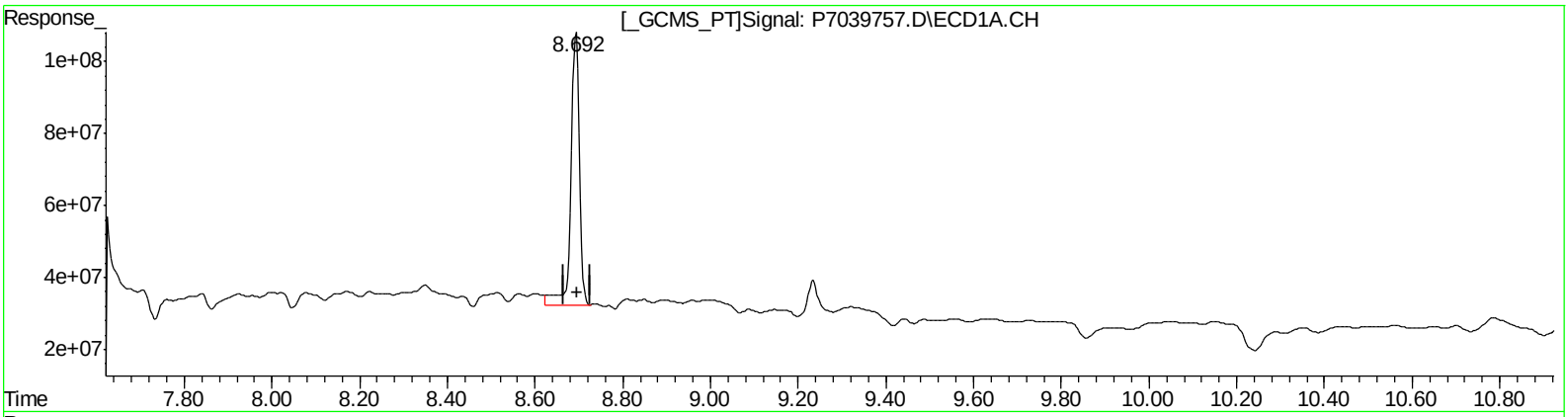


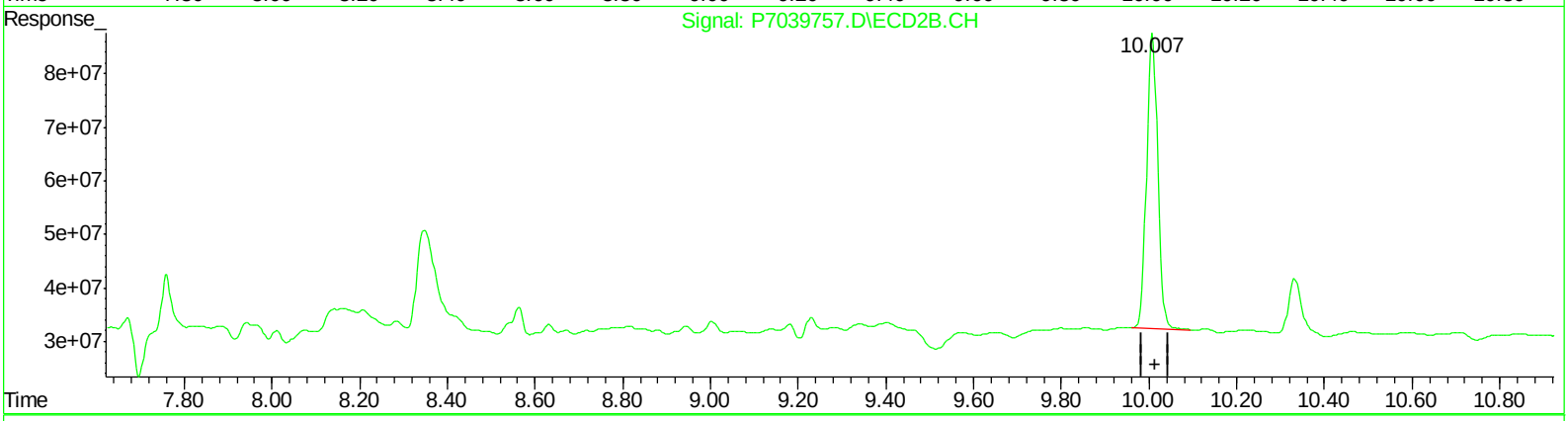
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039757.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 13:40
Operator : JJ
Sample   : A3816-09
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:04:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 21.680 ng/ml

response 1042138877

(22) Decachlorobiphenyl #2 (SA)

10.008min 19.408 ng/ml

response 981371524

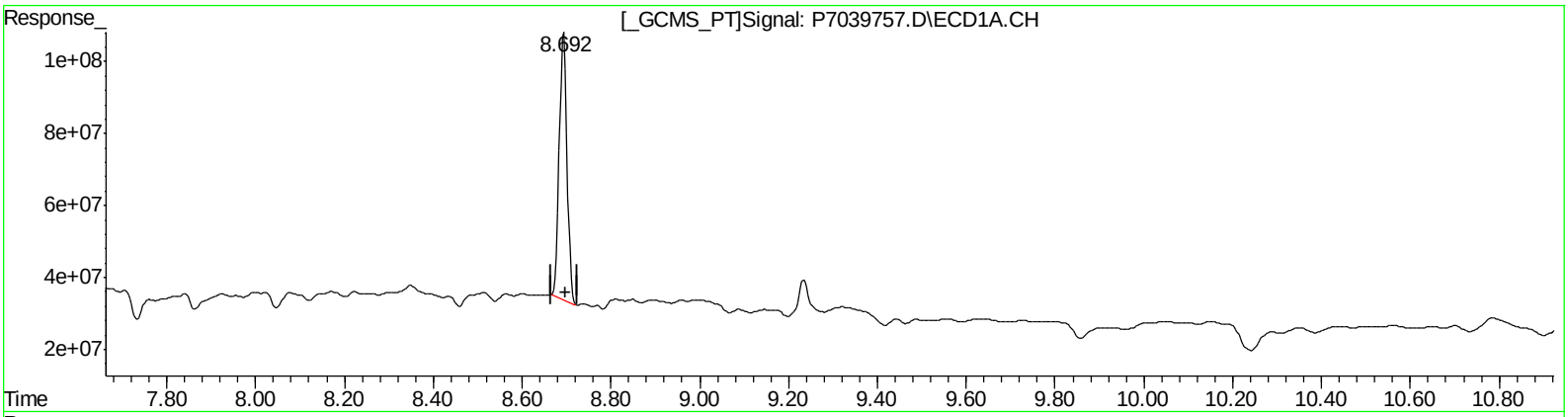
(+) = Expected Retention Time

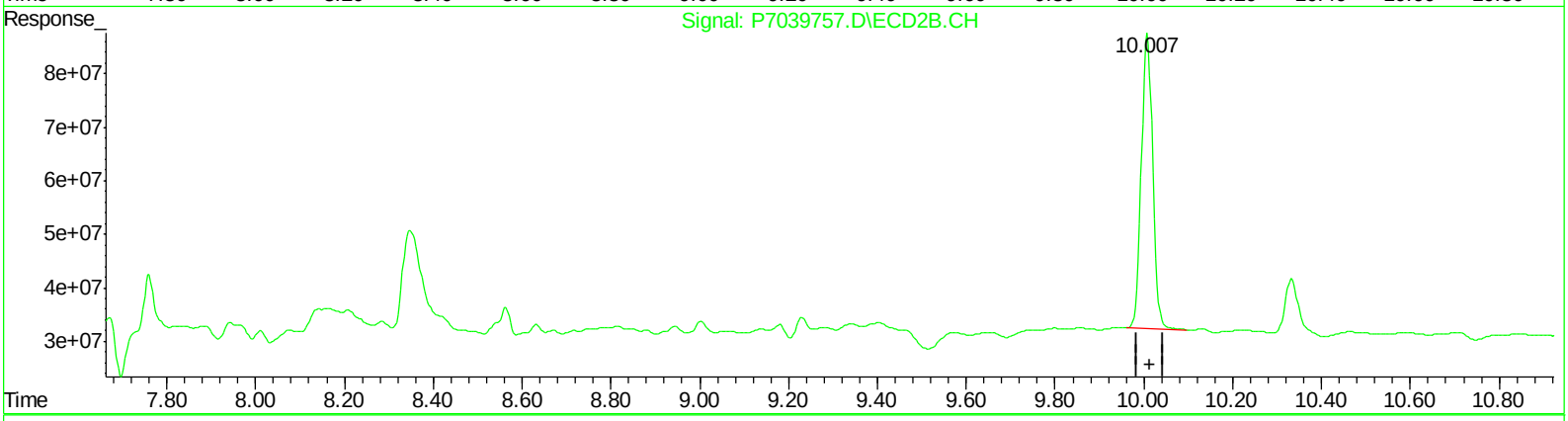
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039757.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 13:40
Operator : JJ
Sample   : A3816-09
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:04:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 18.979 ng/ml m

response 912288793

(22) Decachlorobiphenyl #2 (SA)

10.008min 19.408 ng/ml

response 981371524

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039757.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:40
Operator : JJ
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:04:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.787	779.5E6	1480.9E6	17.505	17.495
22)	SA Decachlor...	8.692	10.008	912.3E6	981.4E6	18.979m	19.408
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039758.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

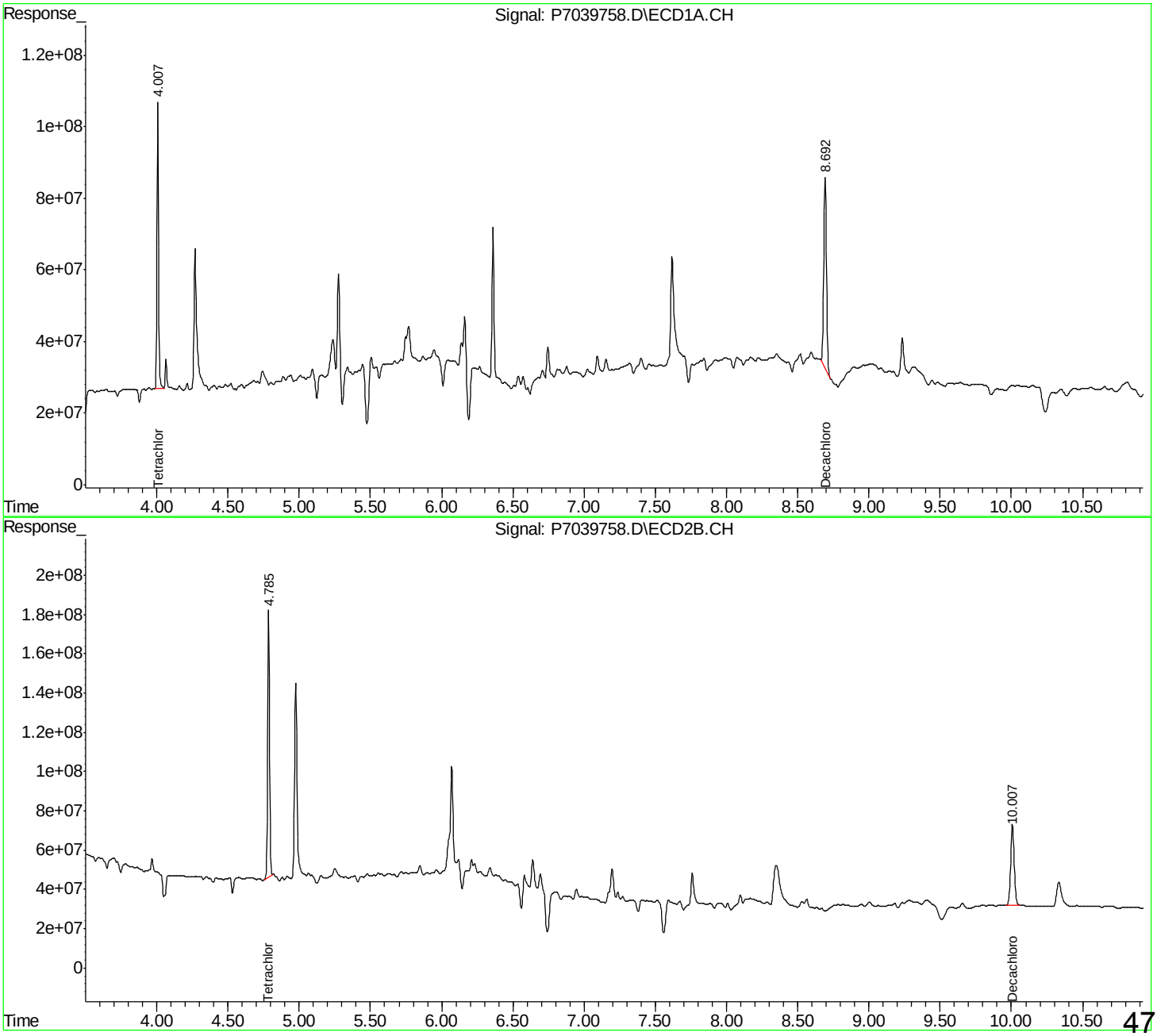
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039758.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:54
Operator : JJ
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:13:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

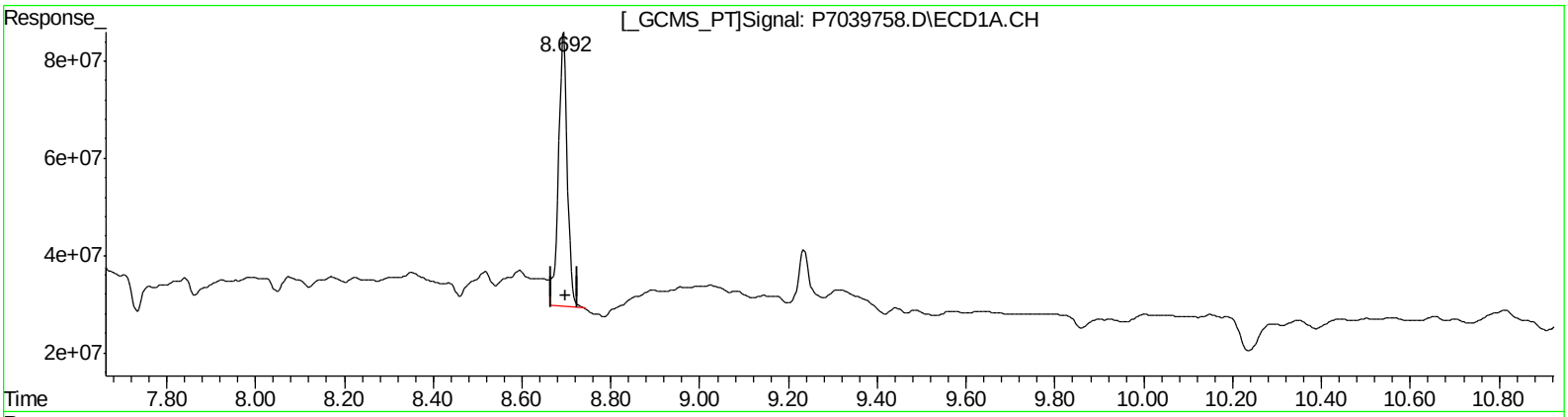


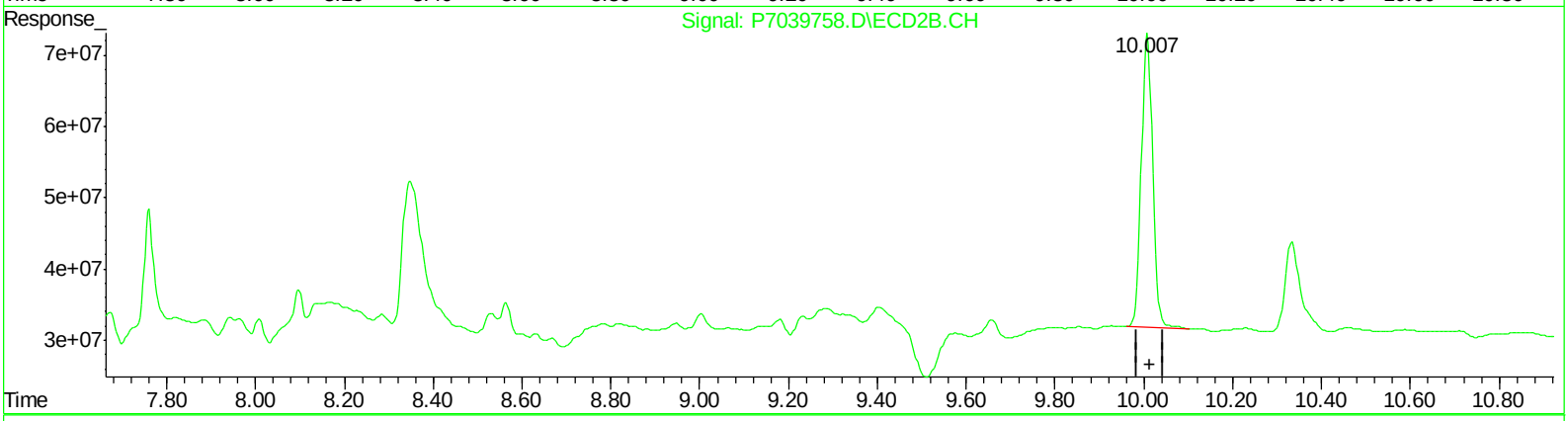
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039758.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:54
Operator : JJ
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:12:59 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 16.151 ng/ml

response 776333451

(22) Decachlorobiphenyl #2 (SA)

10.008min 14.652 ng/ml

response 740872675

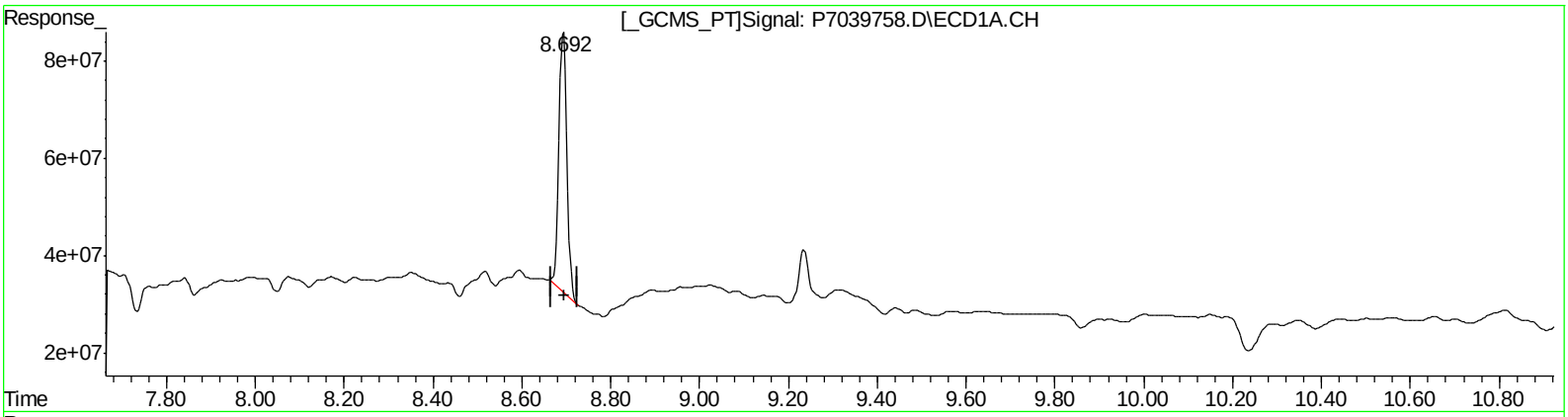
(+) = Expected Retention Time

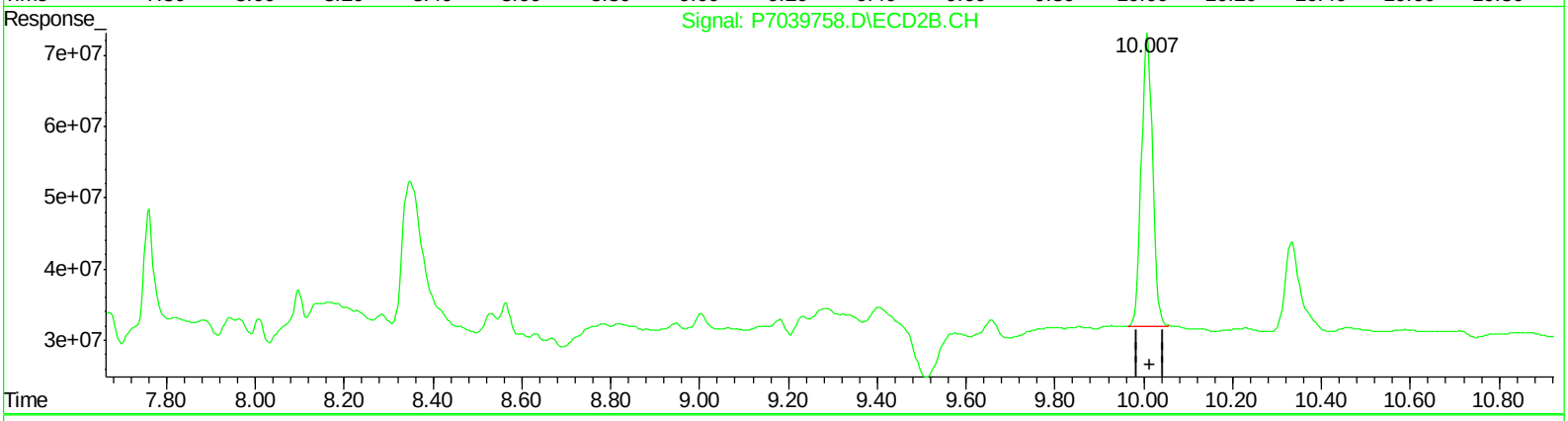
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039758.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:54
Operator : JJ
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:12:59 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 13.908 ng/ml m

response 668546870

(22) Decachlorobiphenyl #2 (SA)

10.007min 14.322 ng/ml m

response 724180217

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039758.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 13:54
Operator : JJ
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:13:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.787	701.7E6	1367.2E6	15.759	16.152
22)	SA Decachlor...	8.692	10.007	668.5E6	724.2E6	13.908m	14.322m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039810.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

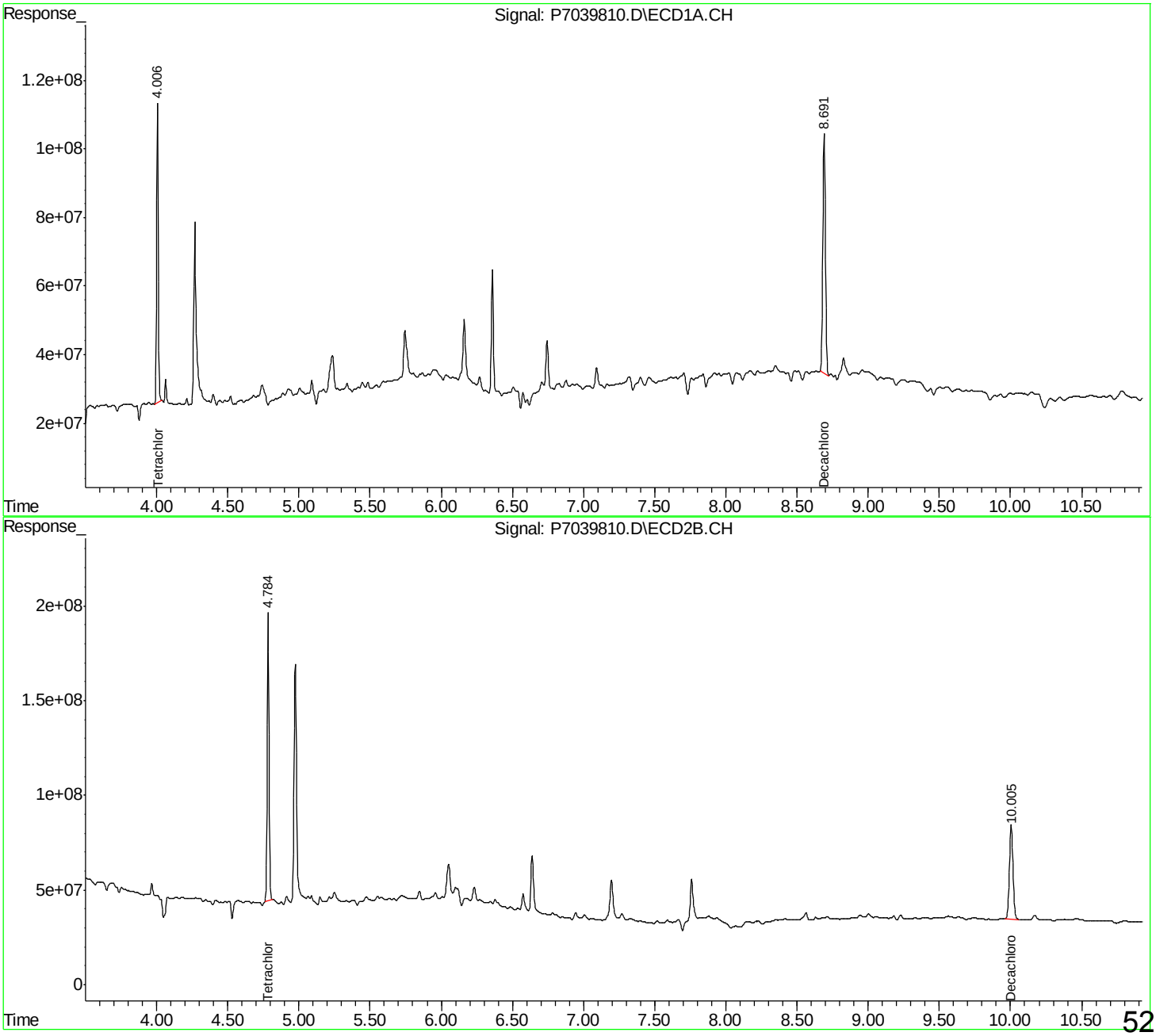
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:04
Operator : JJ
Sample : A3816-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:32:59 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

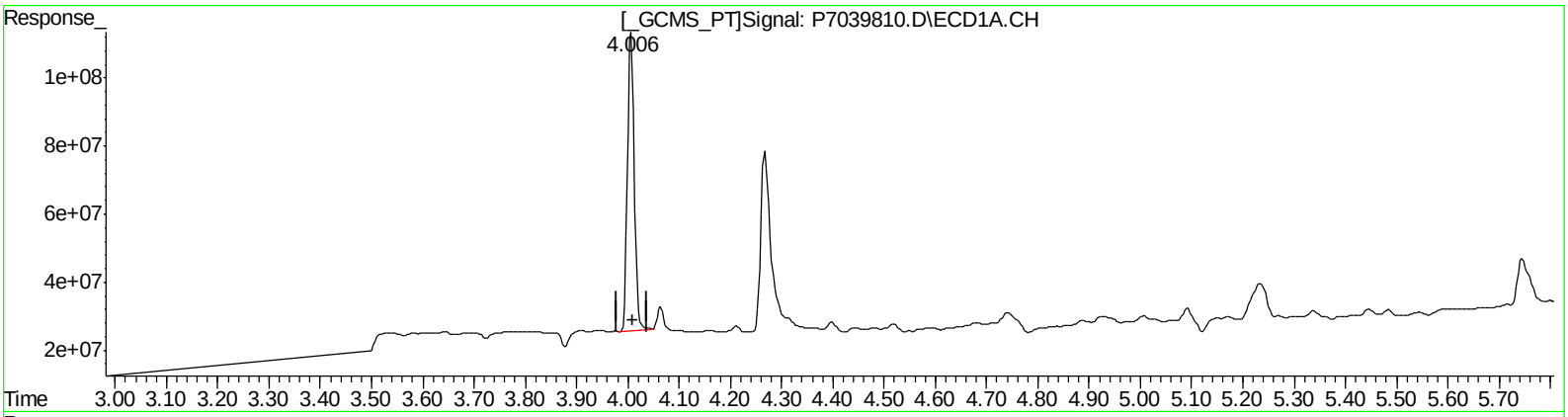


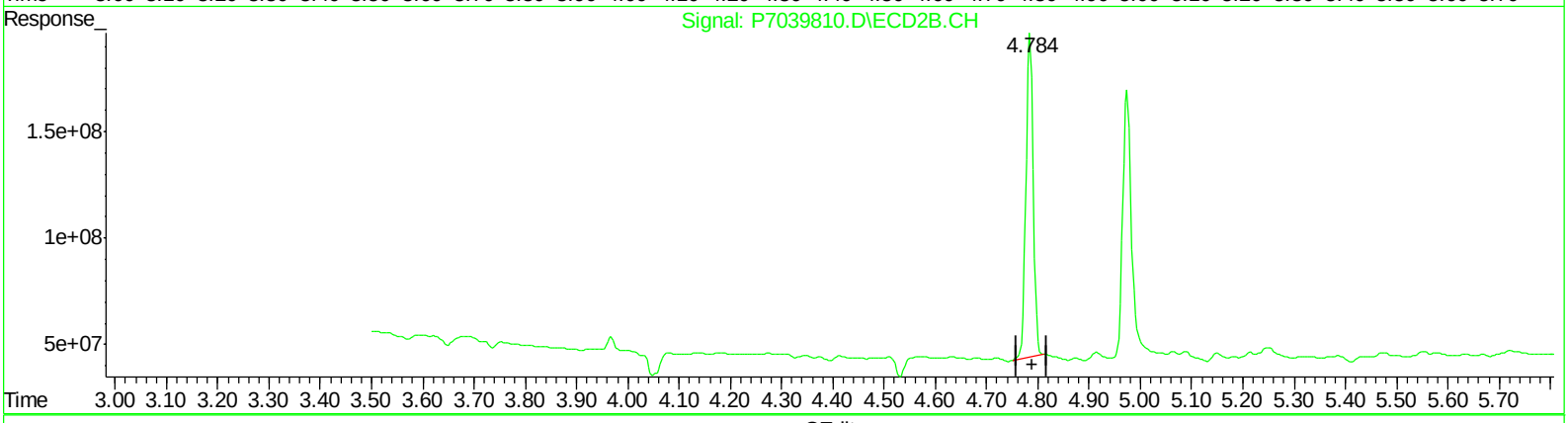
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:04
Operator : JJ
Sample   : A3816-11
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:24:45 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 17.811 ng/ml

response 793075847

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 17.880 ng/ml

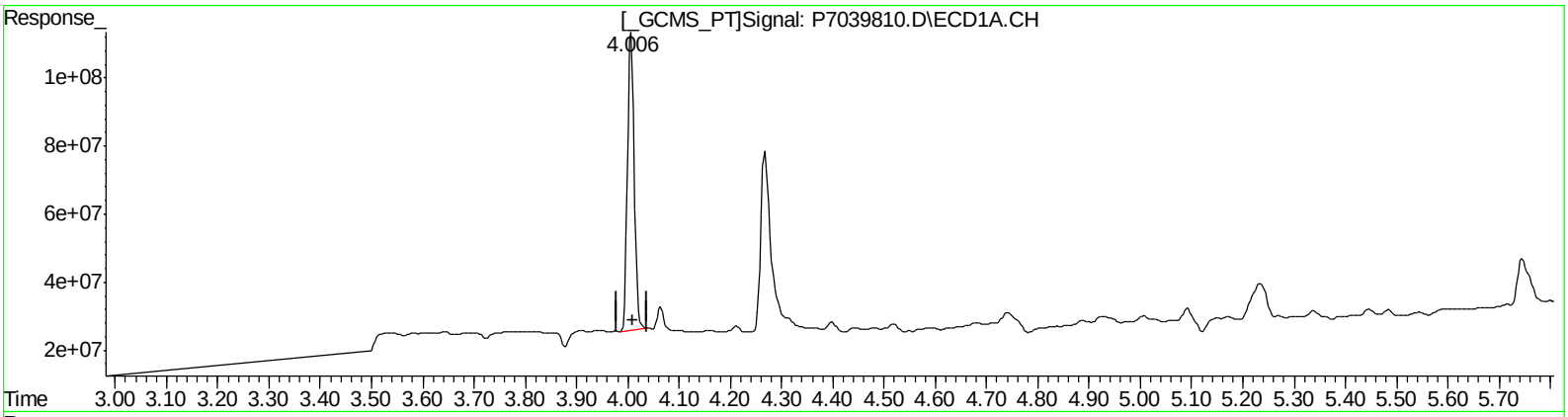
response 1513469381

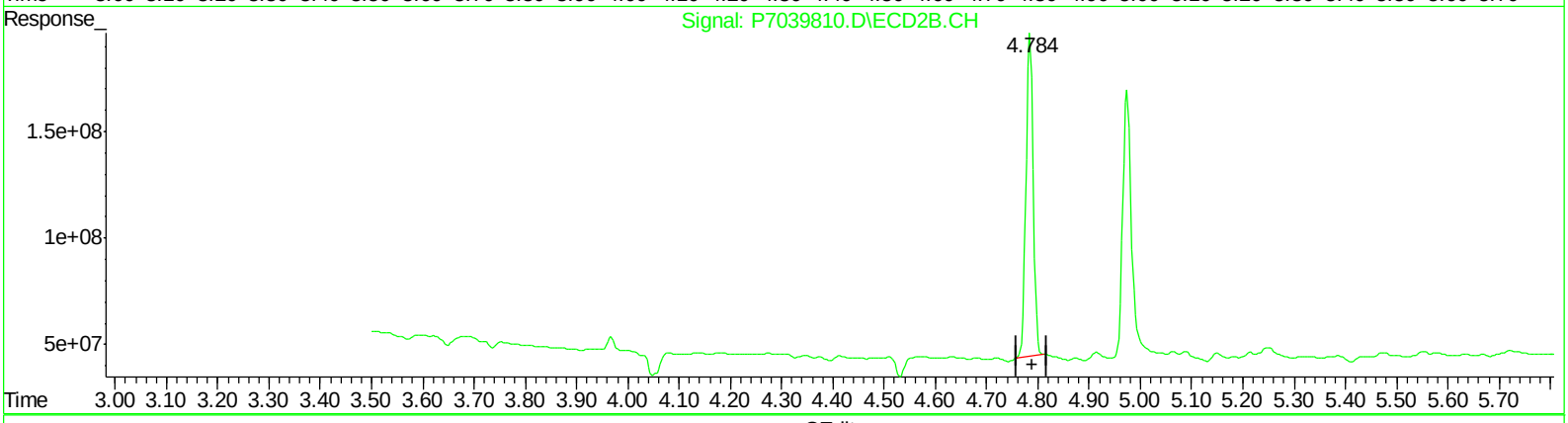
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:04
Operator : JJ
Sample   : A3816-11
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:24:45 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 17.710 ng/ml m

response 788606812

(1) Tetrachloro-m-xylene #2 (SA)

4.784min 17.652 ng/ml m

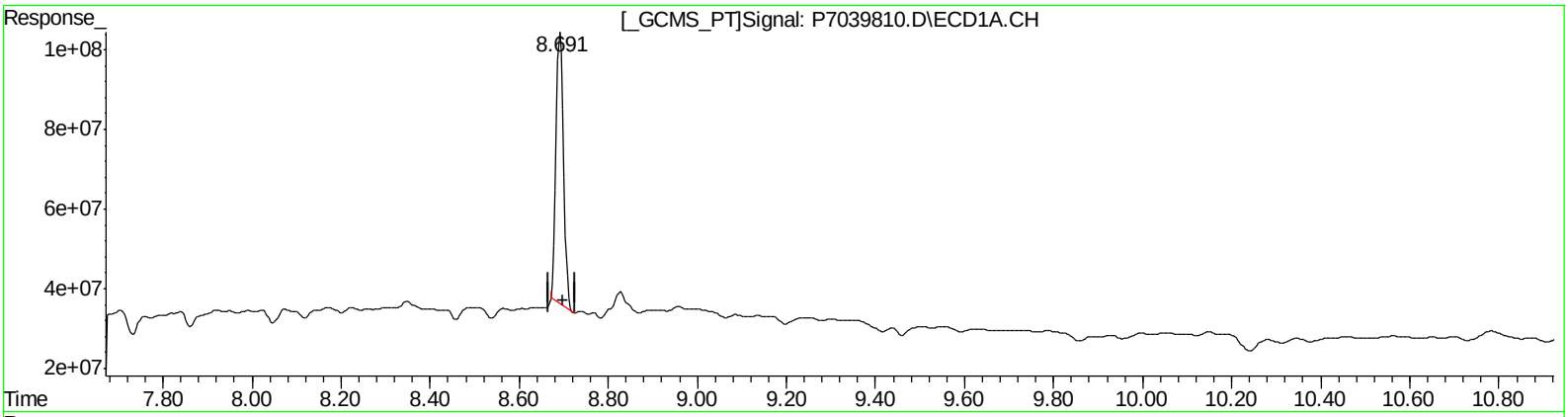
response 1494151038

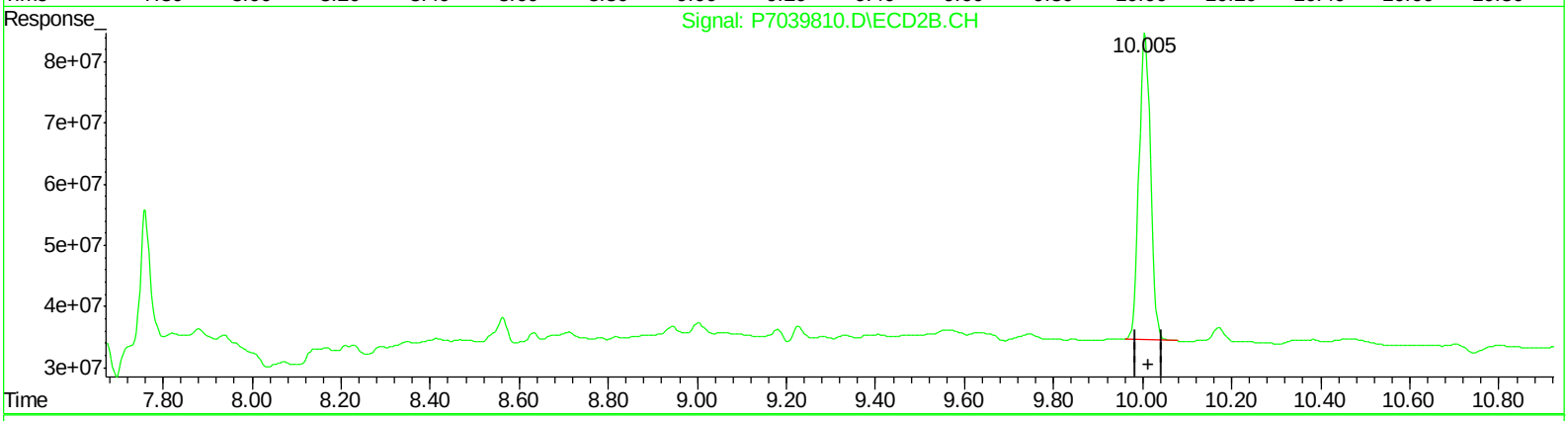
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:04
Operator : JJ
Sample   : A3816-11
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:24:45 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 16.420 ng/ml

response 789257410

(22) Decachlorobiphenyl #2 (SA)

10.006min 18.003 ng/ml

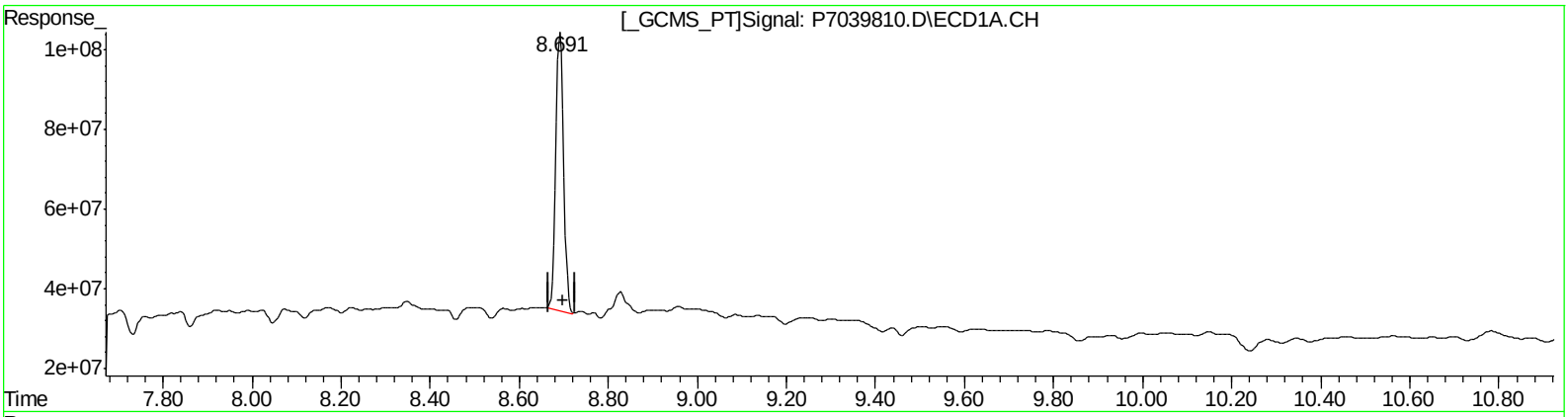
response 910293342

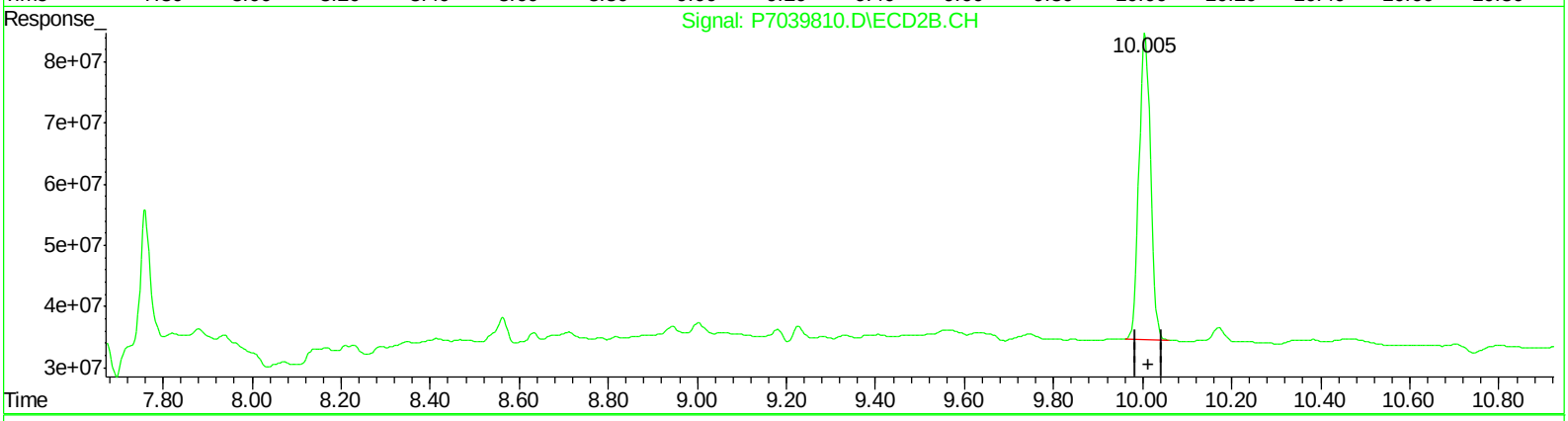
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:04
Operator : JJ
Sample   : A3816-11
Misc   :
ALS Vial : 27   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:24:45 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 17.417 ng/ml m

response 837216374

(22) Decachlorobiphenyl #2 (SA)

10.005min 17.951 ng/ml m

response 907696161

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039810.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:04
Operator : JJ
Sample : A3816-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:32:59 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.784	788.6E6	1494.2E6	17.710m	17.652m
22)	SA Decachlor...	8.691	10.005	837.2E6	907.7E6	17.417m	17.951m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039811.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

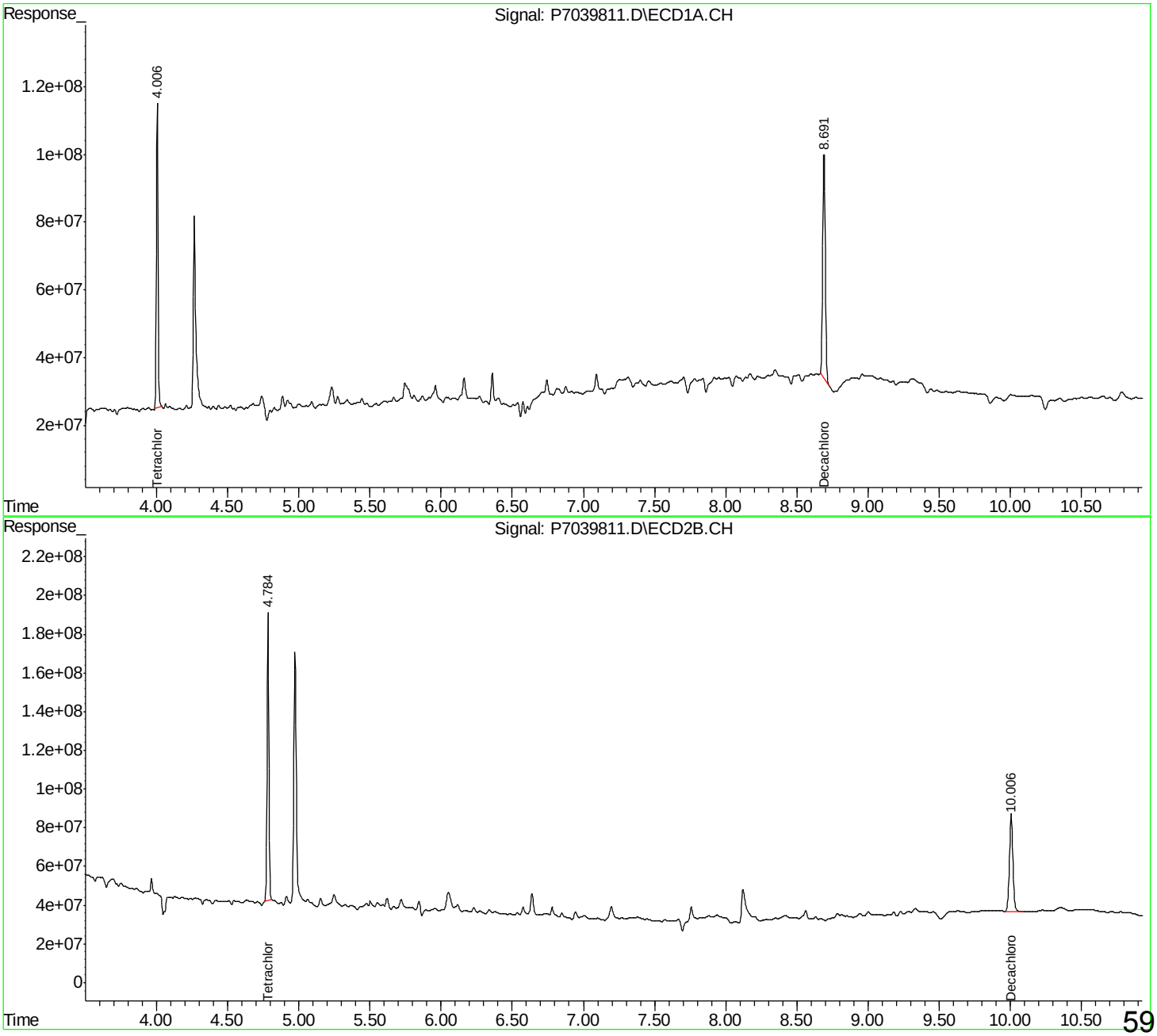
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:18
Operator : JJ
Sample : A3816-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:37:06 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

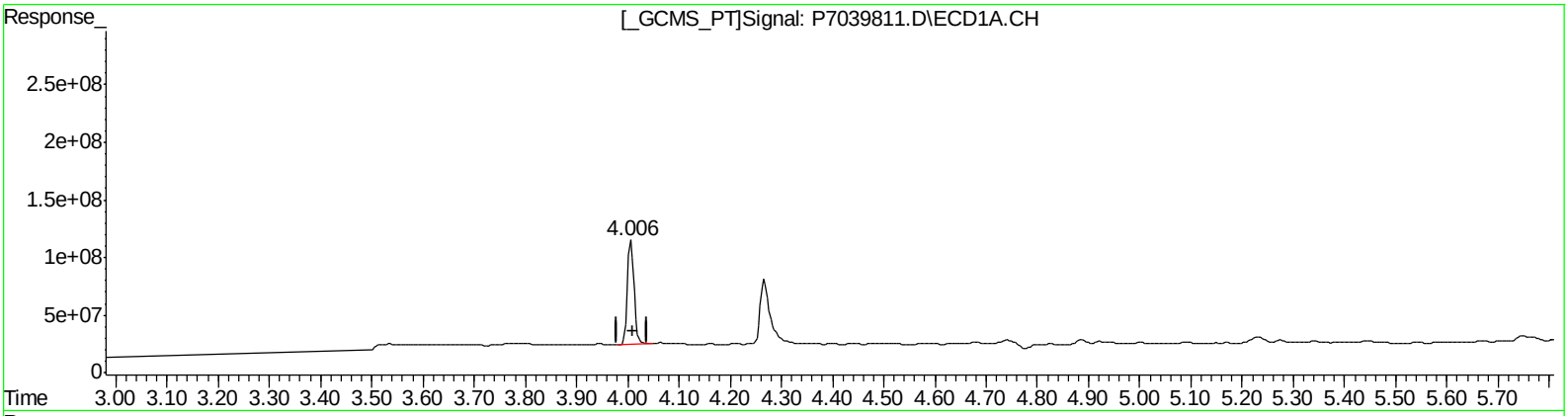


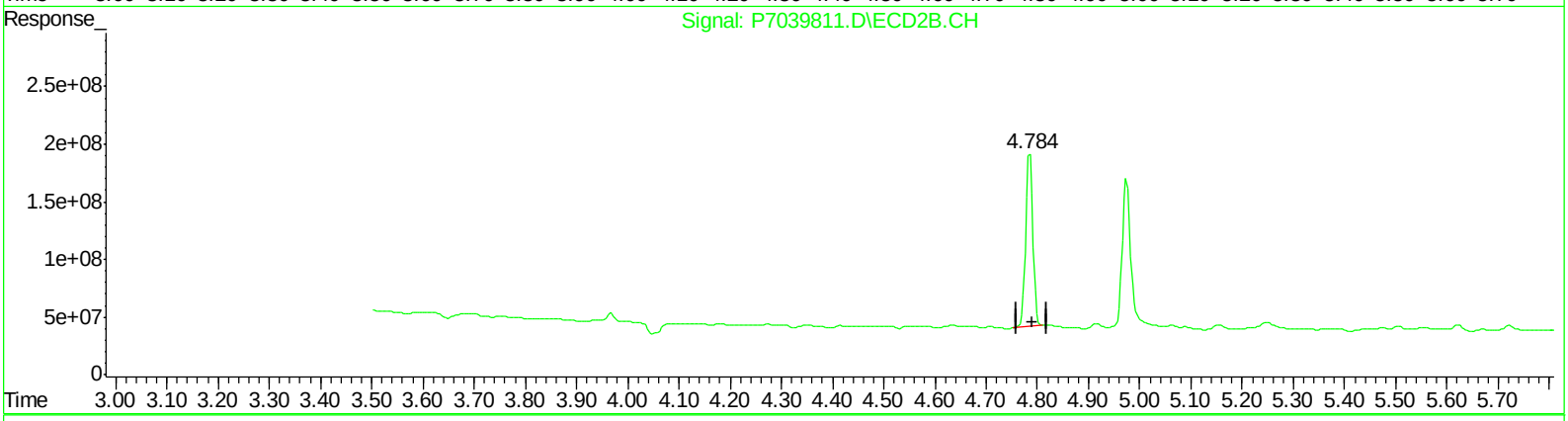
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:18
Operator : JJ
Sample   : A3816-12
Misc   :
ALS Vial : 28   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:33:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 17.772 ng/ml

response 791361379

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 17.630 ng/ml

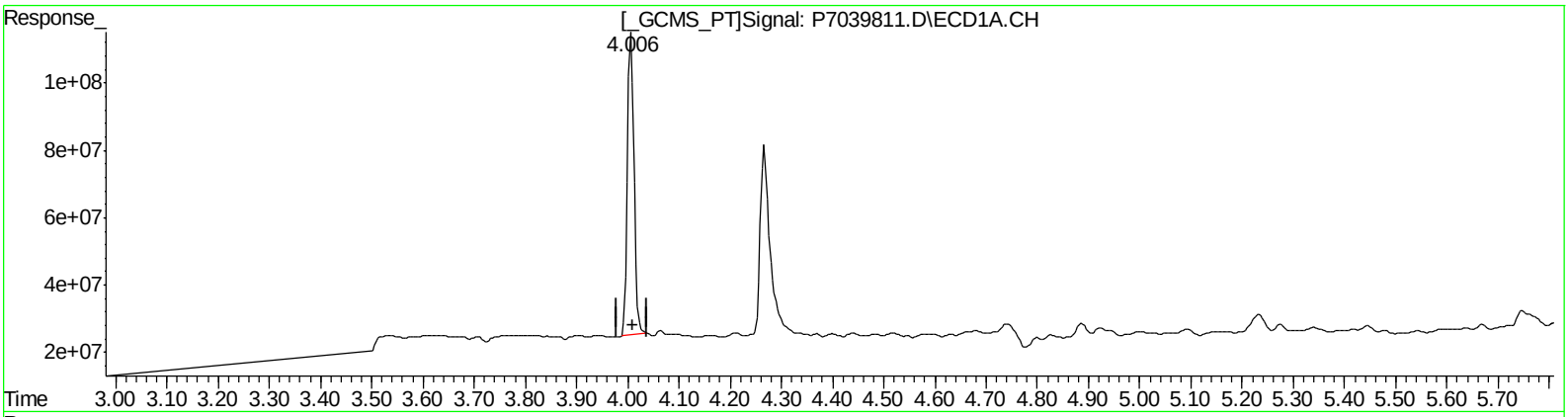
response 1492333745

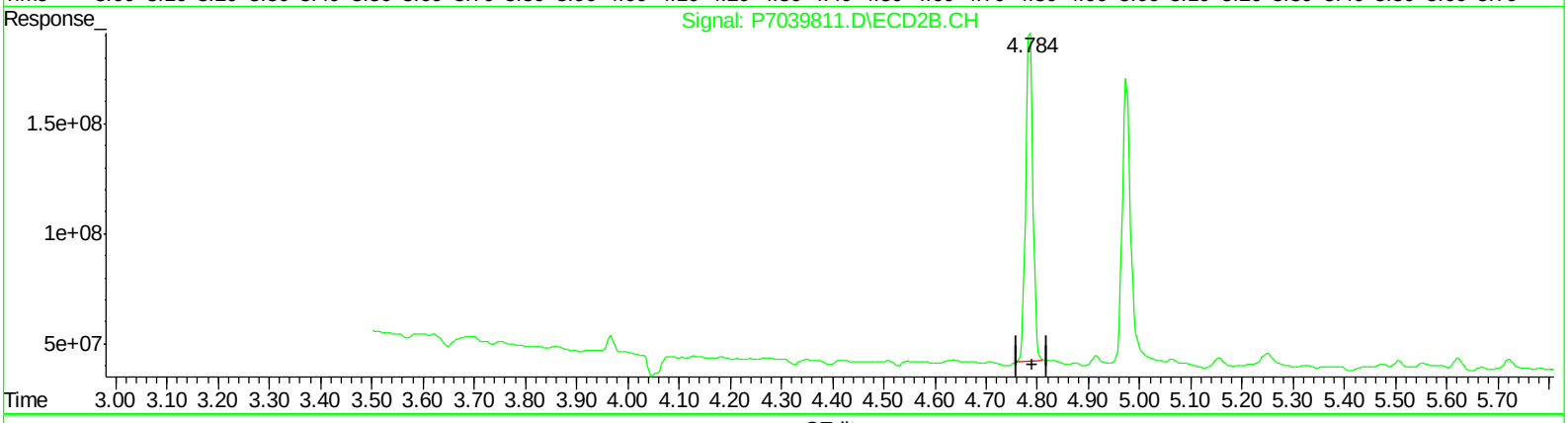
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:18
Operator : JJ
Sample   : A3816-12
Misc   :
ALS Vial : 28   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:33:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 17.430 ng/ml m

response 776138840

(1) Tetrachloro-m-xylene #2 (SA)

4.784min 17.513 ng/ml m

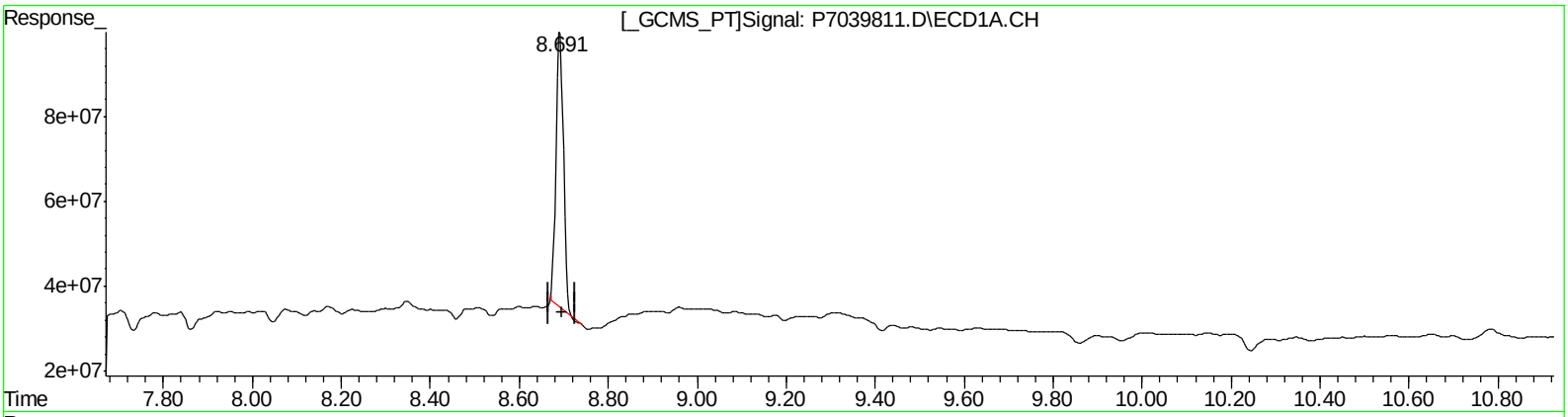
response 1482373164

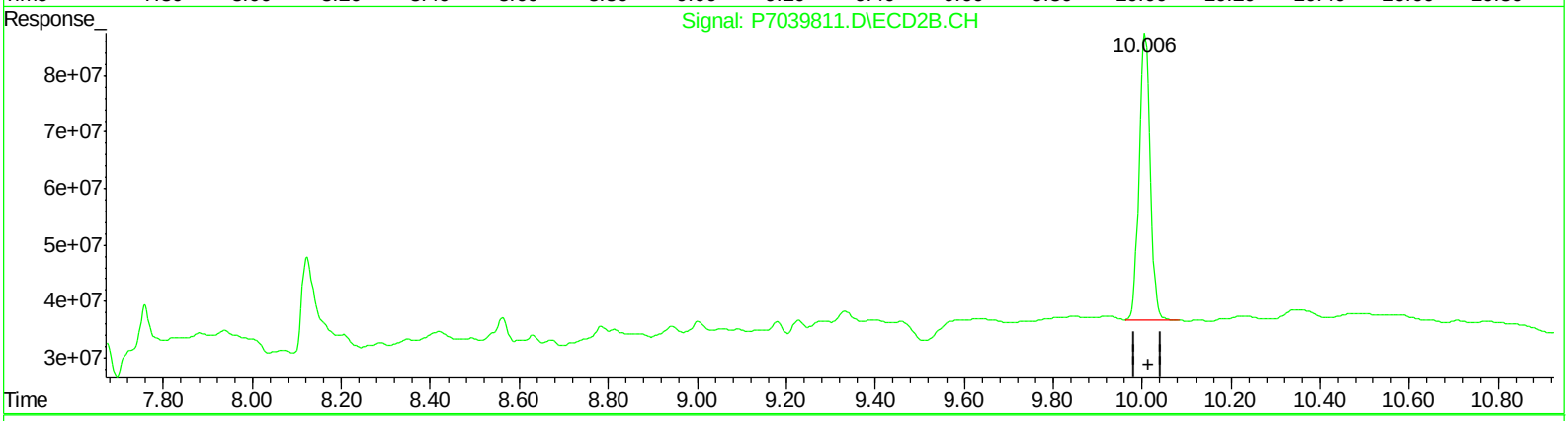
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:18
Operator : JJ
Sample   : A3816-12
Misc   :
ALS Vial : 28   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:33:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 15.729 ng/ml

response 756082715

(22) Decachlorobiphenyl #2 (SA)

10.007min 17.444 ng/ml

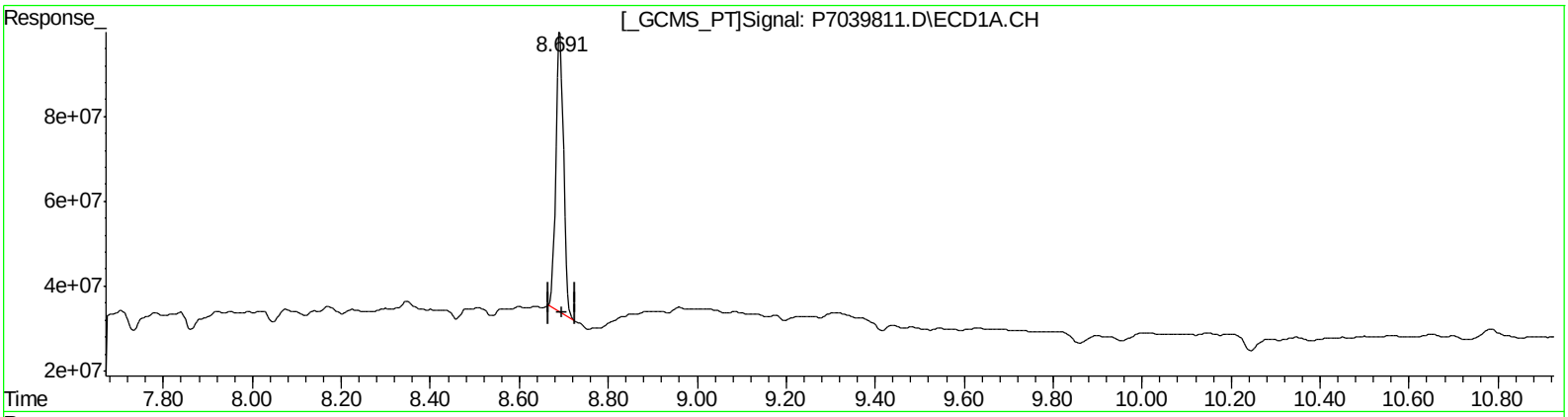
response 882060711

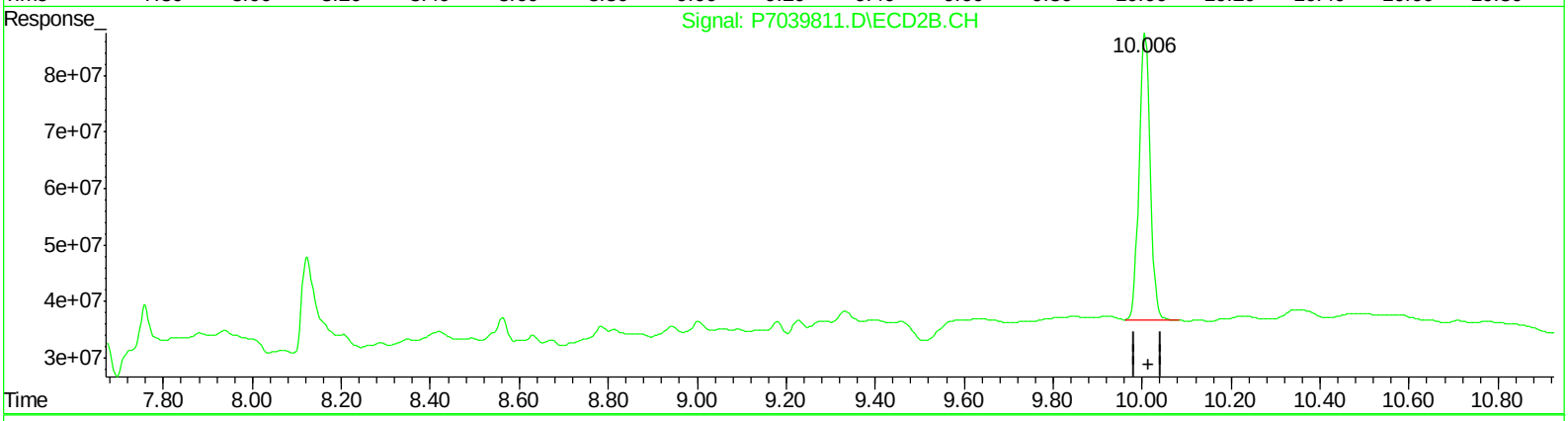
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:18
Operator : JJ
Sample   : A3816-12
Misc   :
ALS Vial : 28   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:33:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 16.709 ng/ml m

response 803148768

(22) Decachlorobiphenyl #2 (SA)

10.007min 17.444 ng/ml

response 882060711

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039811.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:18
Operator : JJ
Sample : A3816-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:37:06 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.784	776.1E6	1482.4E6	17.430m	17.513m
22)	SA Decachlor...	8.691	10.007	803.1E6	882.1E6	16.709m	17.444
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039812.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

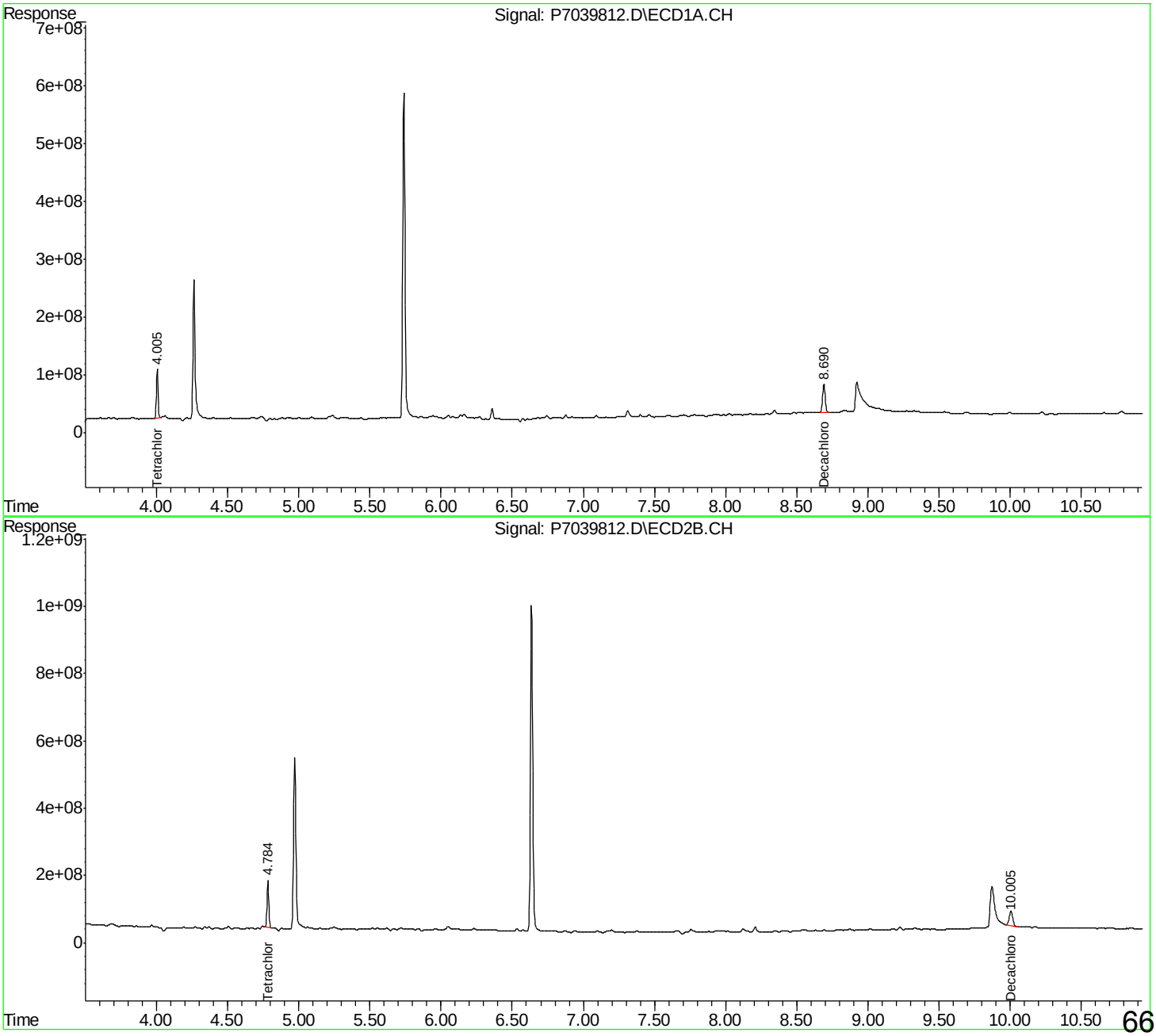
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:33
Operator : JJ
Sample : A3816-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:41:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

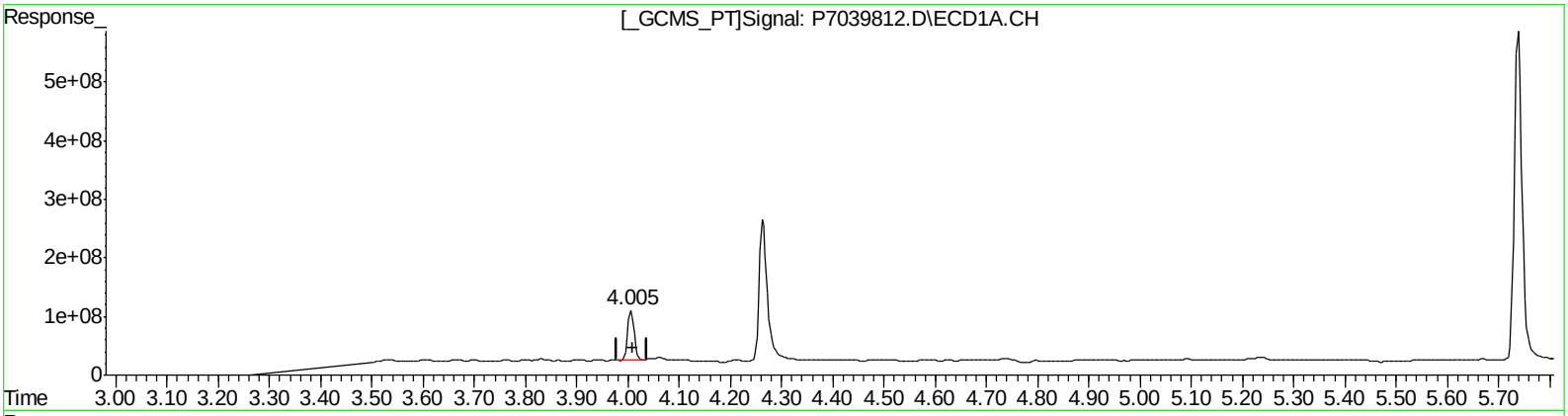


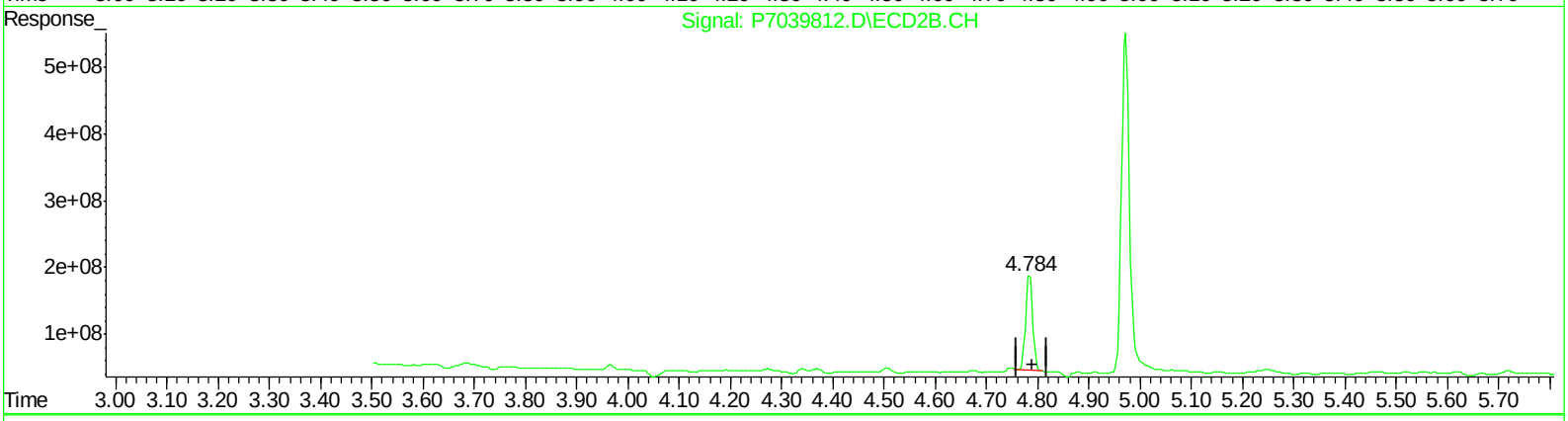
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:33
Operator : JJ
Sample   : A3816-13
Misc   :
ALS Vial : 29   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:38:07 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 16.308 ng/ml

response 726165044

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.218 ng/ml

response 1372834075

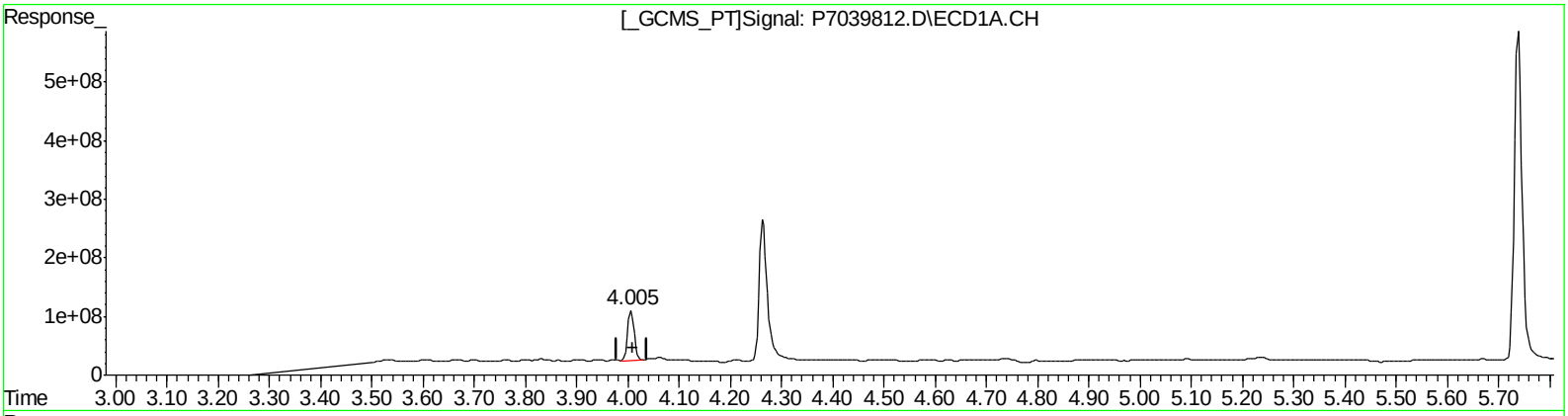
(+) = Expected Retention Time

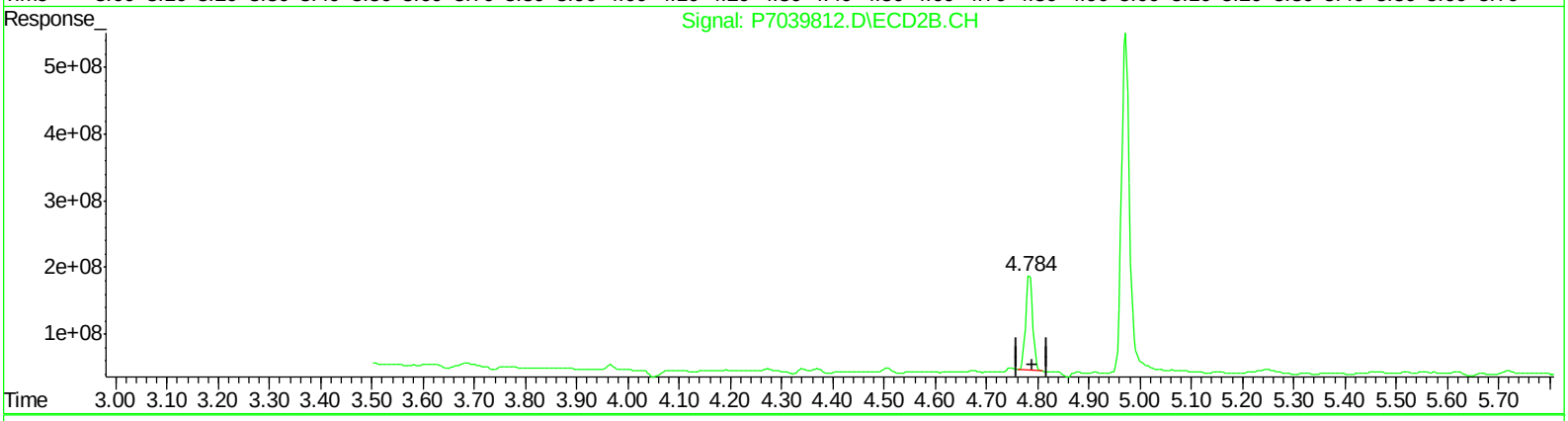
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:33
Operator : JJ
Sample   : A3816-13
Misc   :
ALS Vial : 29   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:38:07 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.005min 16.447 ng/ml m

response 732339040

(1) Tetrachloro-m-xylene #2 (SA)

4.784min 16.416 ng/ml m

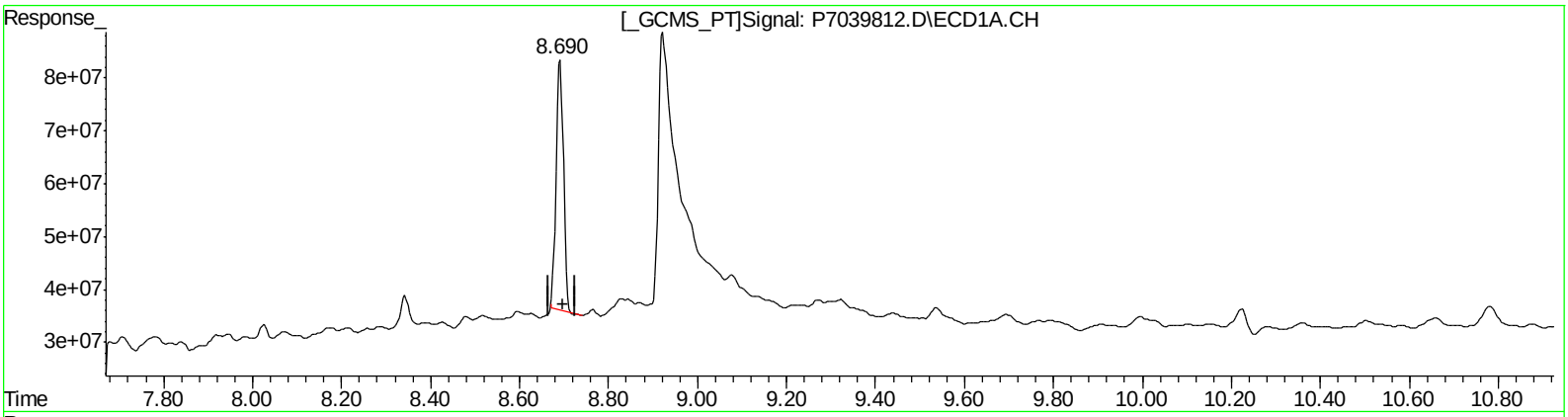
response 1389526298

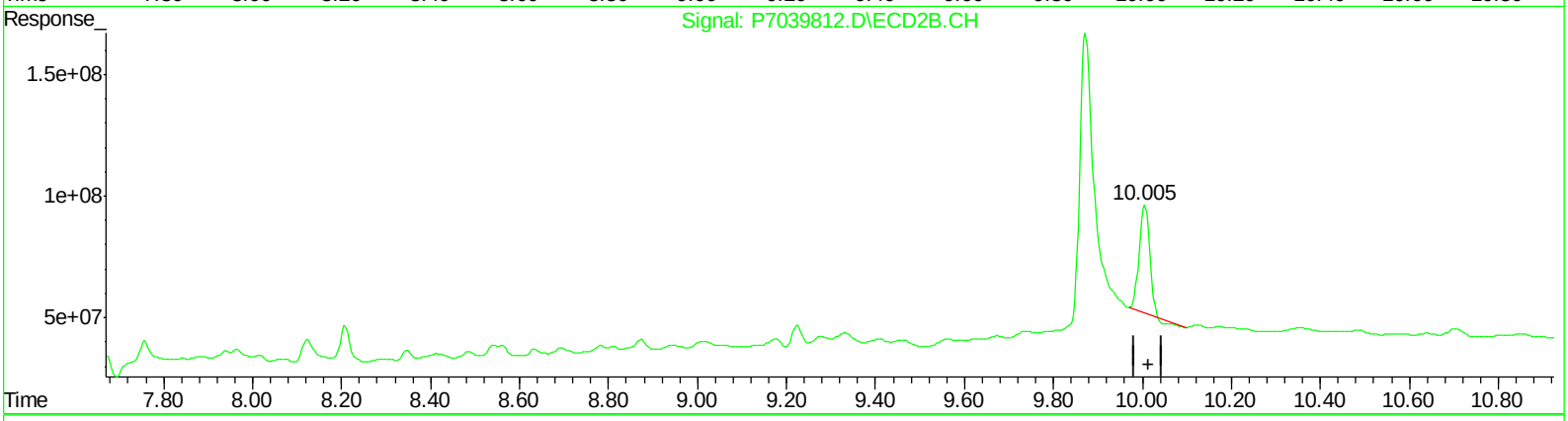
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:33
Operator : JJ
Sample   : A3816-13
Misc   :
ALS Vial : 29   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:38:07 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 11.439 ng/ml

response 549841597

(22) Decachlorobiphenyl #2 (SA)

10.006min 14.140 ng/ml

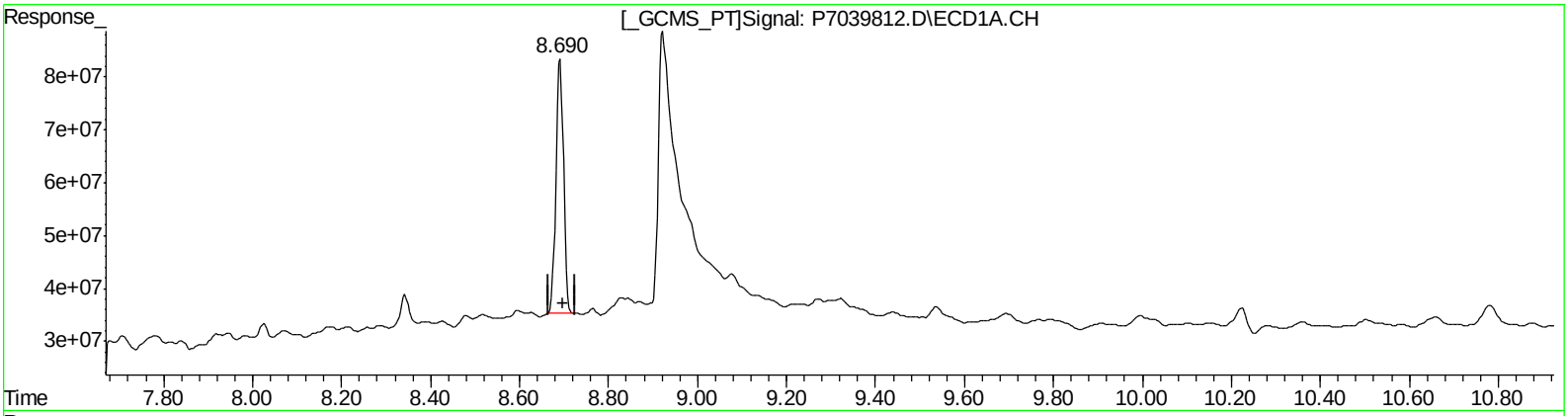
response 714983698

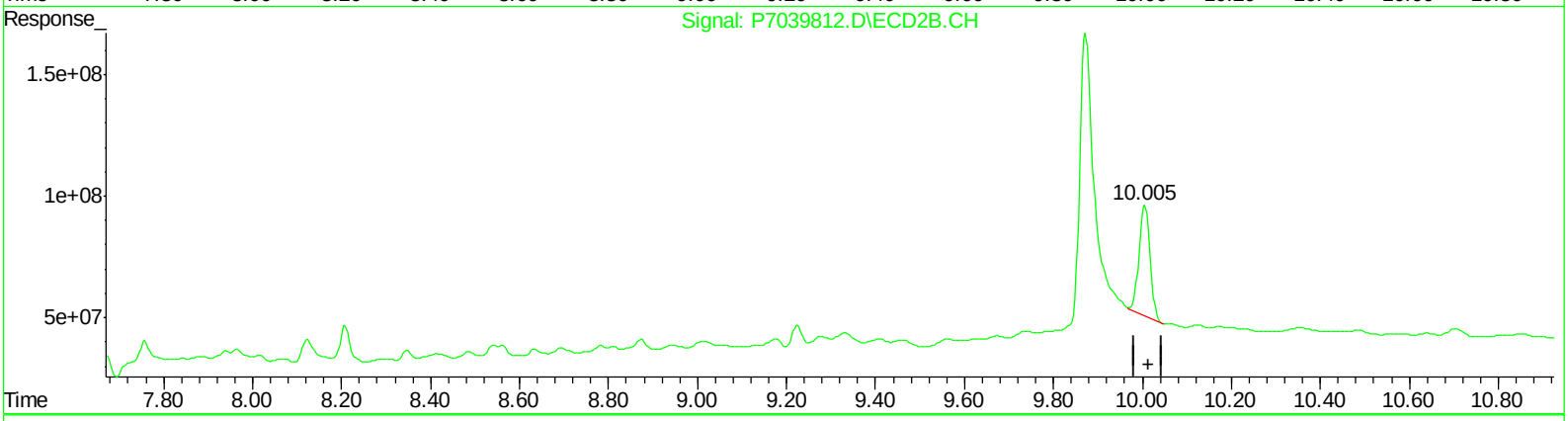
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:33
Operator : JJ
Sample   : A3816-13
Misc   :
ALS Vial : 29   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:38:07 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 11.983 ng/ml m

response 576018741

(22) Decachlorobiphenyl #2 (SA)

10.005min 15.616 ng/ml m

response 789617309

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039812.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:33
Operator : JJ
Sample : A3816-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:41:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.005	4.784	732.3E6	1389.5E6	16.447m	16.416m
22)	SA Decachlor...	8.690	10.005	576.0E6	789.6E6	11.983m	15.616m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) mL Lab File ID: P7039711.D

% Moisture: Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5 Sulfur Cleanup:(Y/N) N

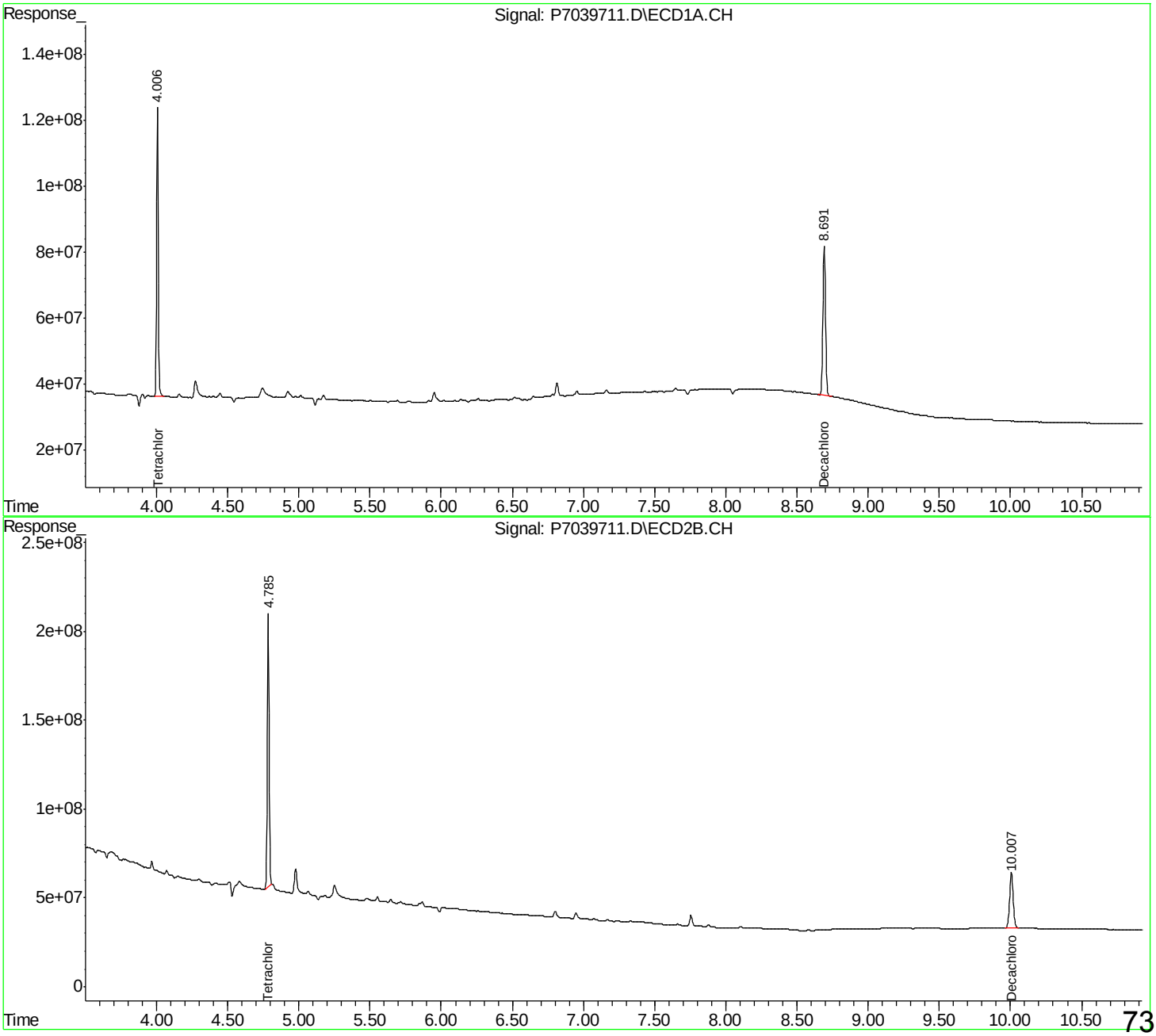
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.053	U
319-85-7	beta-BHC	0.053	U
319-86-8	delta-BHC	0.053	U
58-89-9	gamma-BHC (Lindane)	0.053	U
76-44-8	Heptachlor	0.053	U
309-00-2	Aldrin	0.053	U
1024-57-3	Heptachlor epoxide	0.053	U
959-98-8	Endosulfan I	0.053	U
60-57-1	Dieldrin	0.053	U
72-55-9	4,4'-DDE	0.053	U
72-20-8	Endrin	0.053	U
33213-65-9	Endosulfan II	0.053	U
72-54-8	4,4'-DDD	0.053	U
1031-07-8	Endosulfan sulfate	0.053	U
50-29-3	4,4'-DDT	0.053	U
72-43-5	Methoxychlor	0.053	U
53494-70-5	Endrin ketone	0.053	U
7421-93-4	Endrin aldehyde	0.053	U
5103-71-9	alpha-Chlordane	0.053	U
5103-74-2	gamma-Chlordane	0.053	U
8001-35-2	Toxaphene	0.53	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:22
Operator : JJ
Sample : A3816-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:19:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

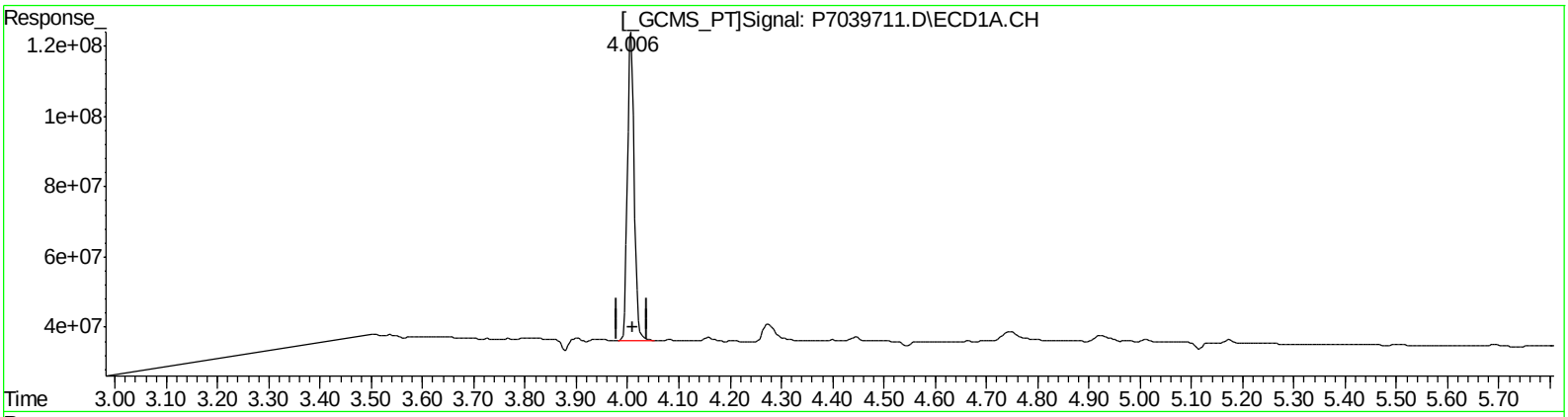


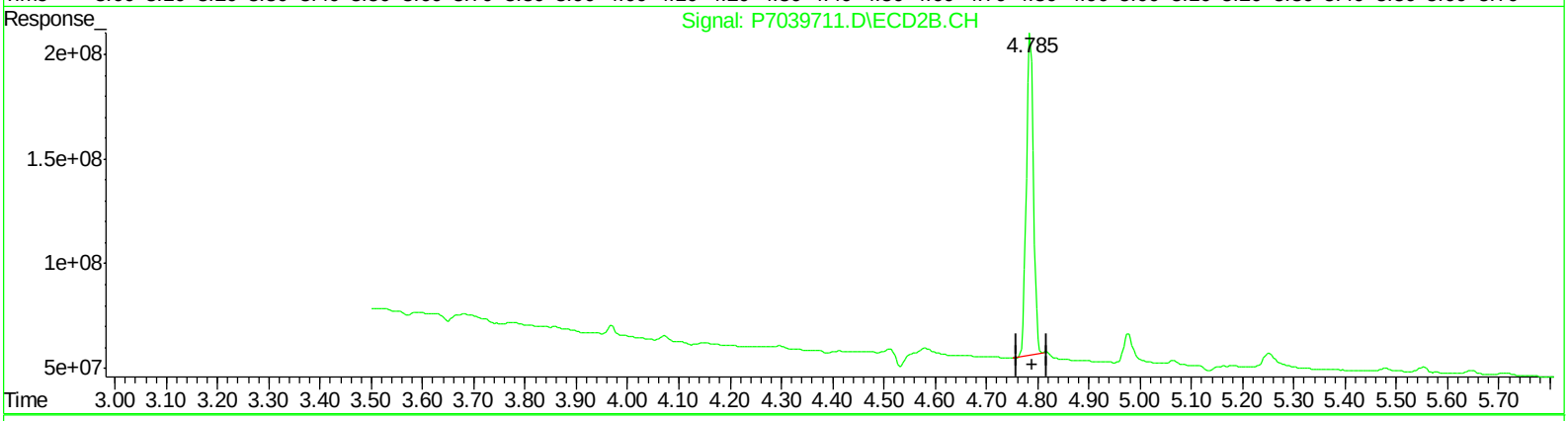
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:22
Operator : JJ
Sample   : A3816-14
Misc   :
ALS Vial : 20   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:13:34 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 17.698 ng/ml

response 788044731

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 17.732 ng/ml

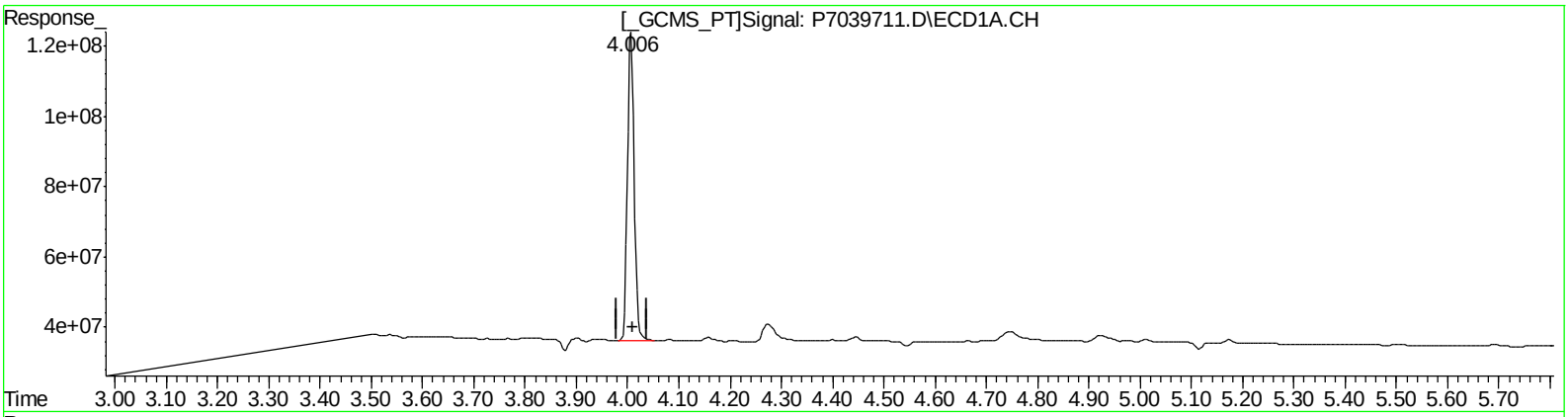
response 1500932546

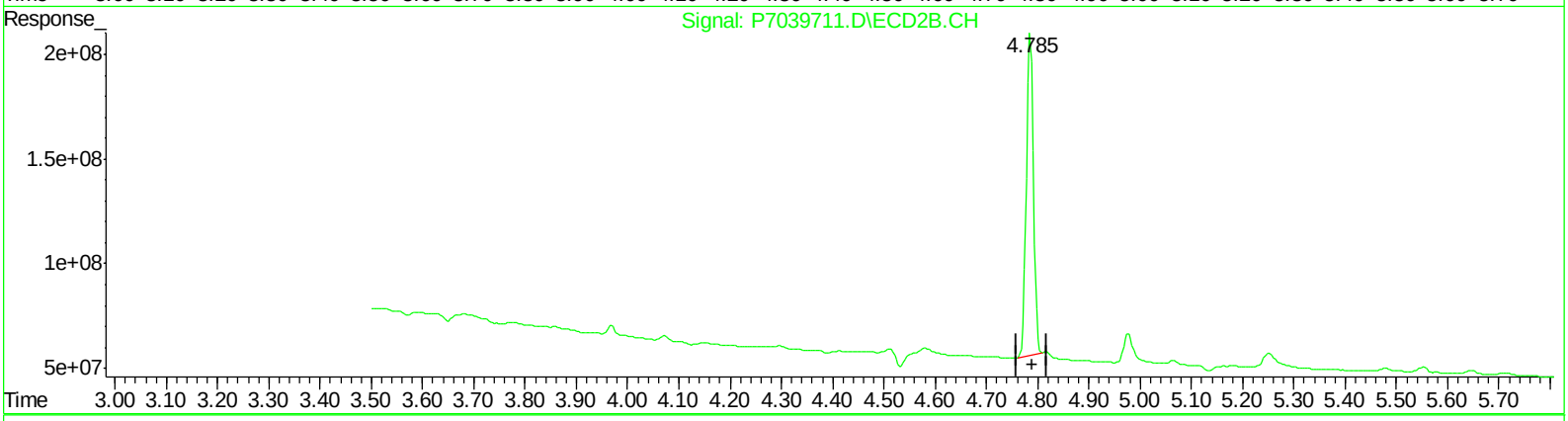
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:22
Operator : JJ
Sample   : A3816-14
Misc   :
ALS Vial : 20   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:13:34 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 17.698 ng/ml

response 788044731

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 17.741 ng/ml m

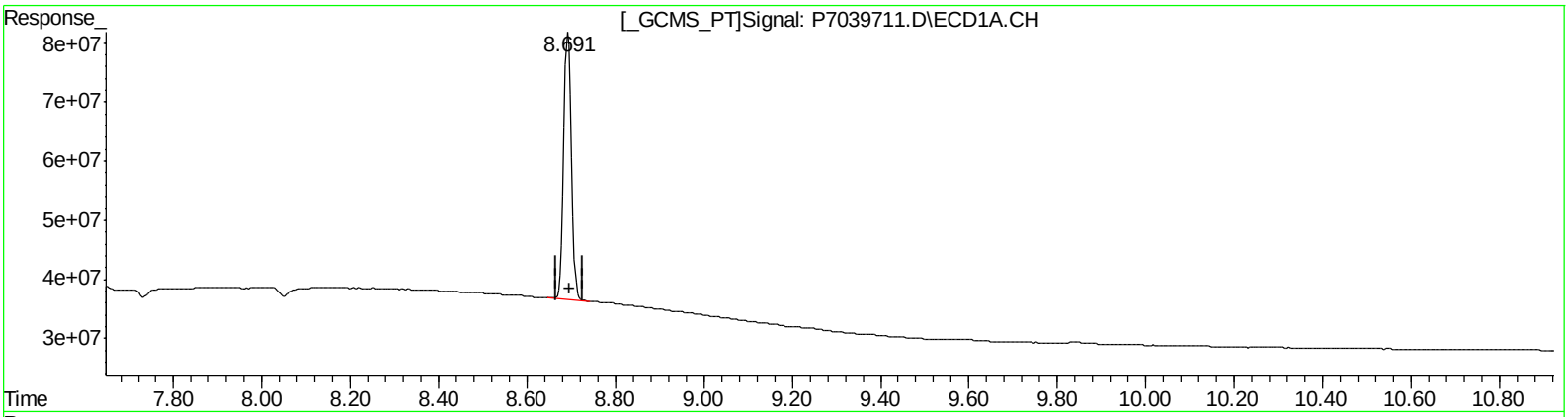
response 1501737460

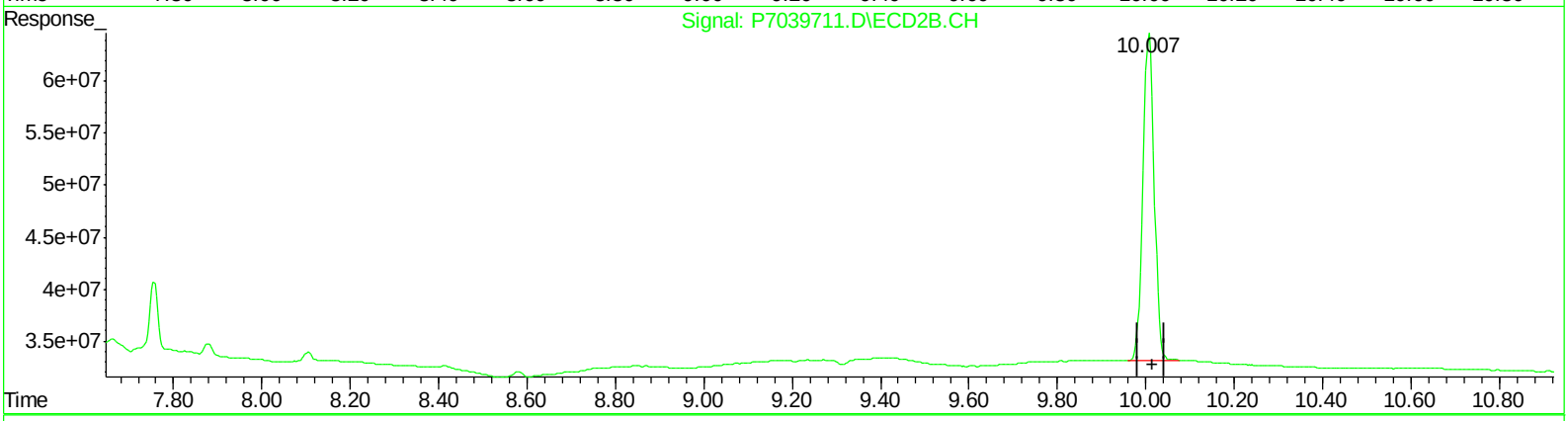
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:22
Operator : JJ
Sample   : A3816-14
Misc   :
ALS Vial : 20   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:13:34 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 11.414 ng/ml

response 548637454

(22) Decachlorobiphenyl #2 (SA)

10.008min 11.028 ng/ml

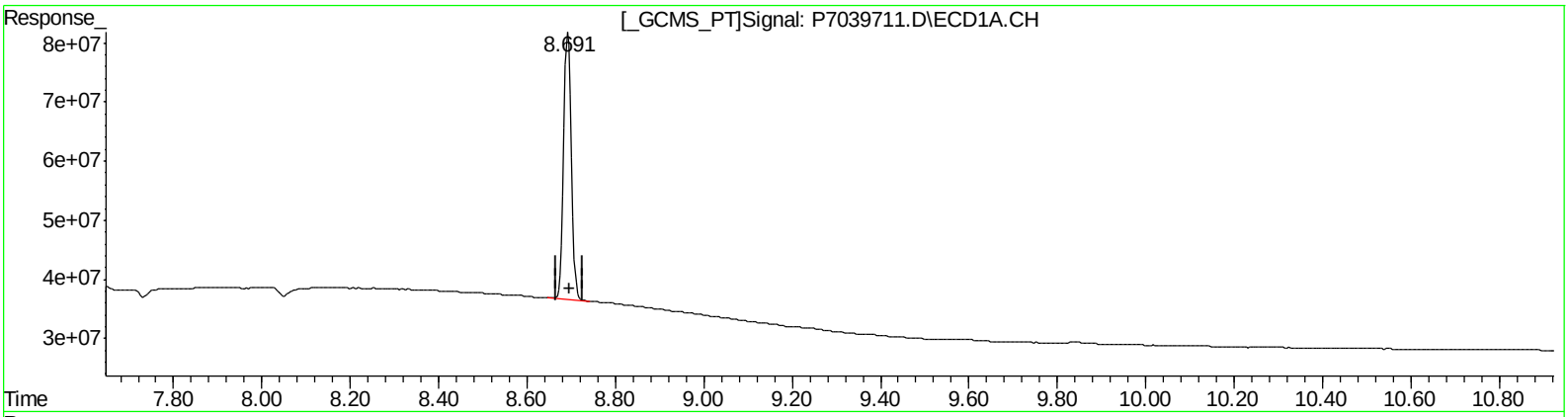
response 557631594

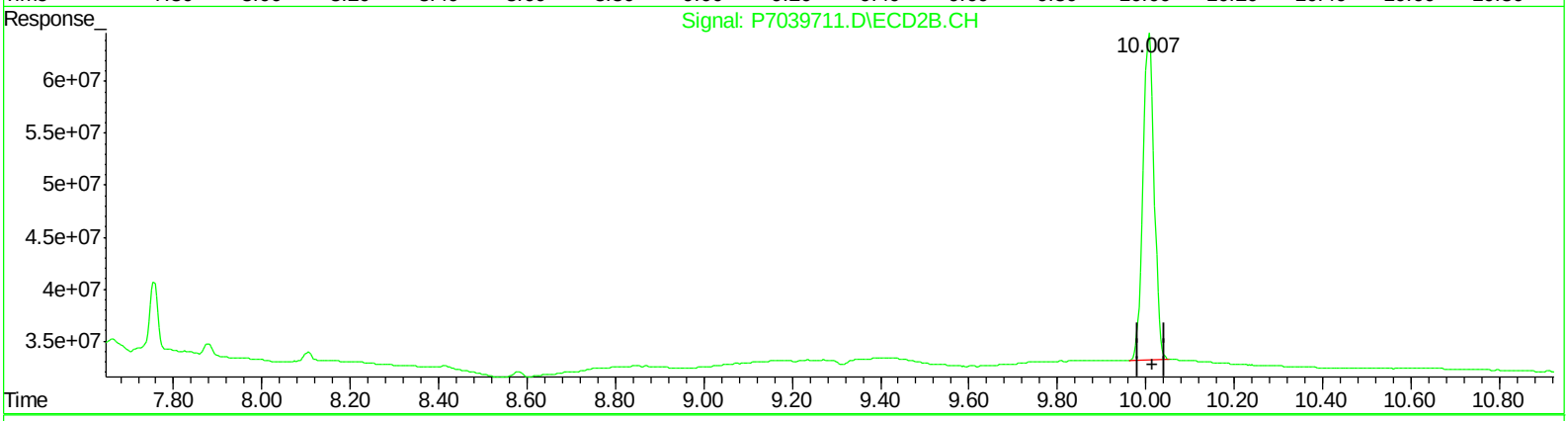
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:22
Operator : JJ
Sample   : A3816-14
Misc   :
ALS Vial : 20   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:13:34 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 11.414 ng/ml

response 548637454

(22) Decachlorobiphenyl #2 (SA)

10.007min 10.964 ng/ml m

response 554393236

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039711.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:22
Operator : JJ
Sample : A3816-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:19:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	788.0E6	1501.7E6	17.698	17.741m
22)	SA Decachlor...	8.693	10.007	548.6E6	554.4E6	11.414	10.964m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039813.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

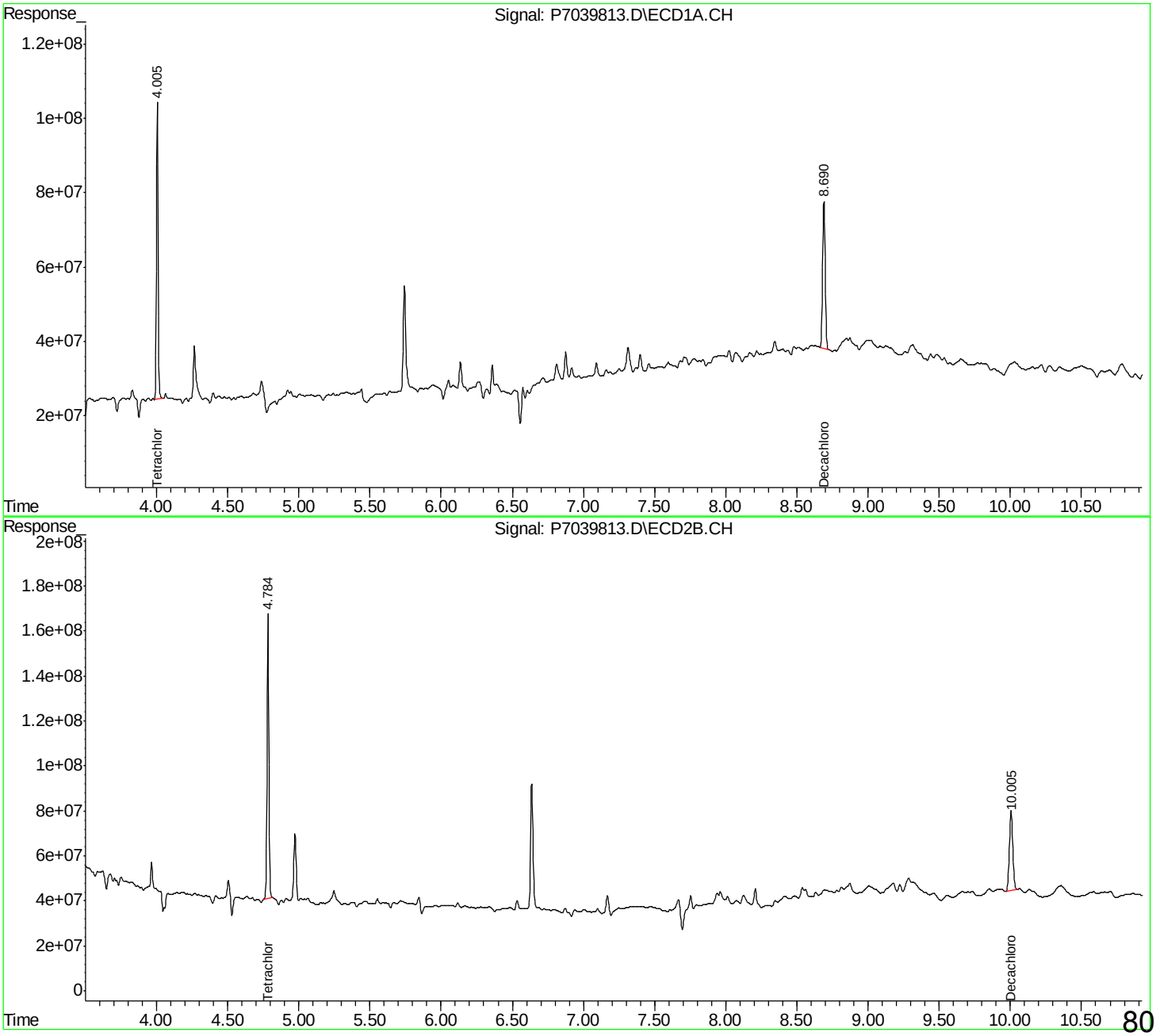
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:47
Operator : JJ
Sample : A3816-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:46:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

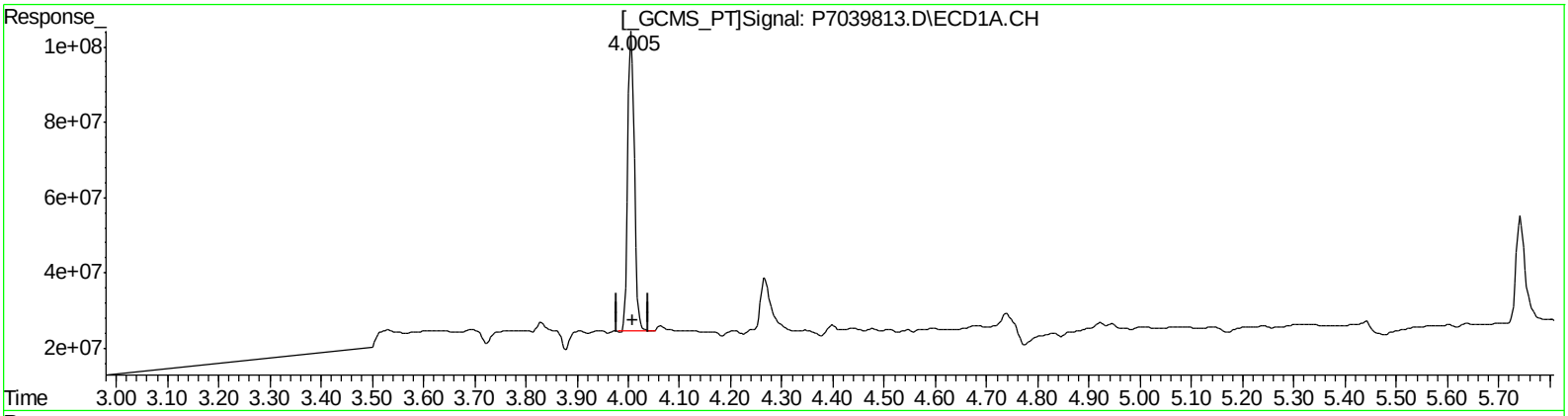


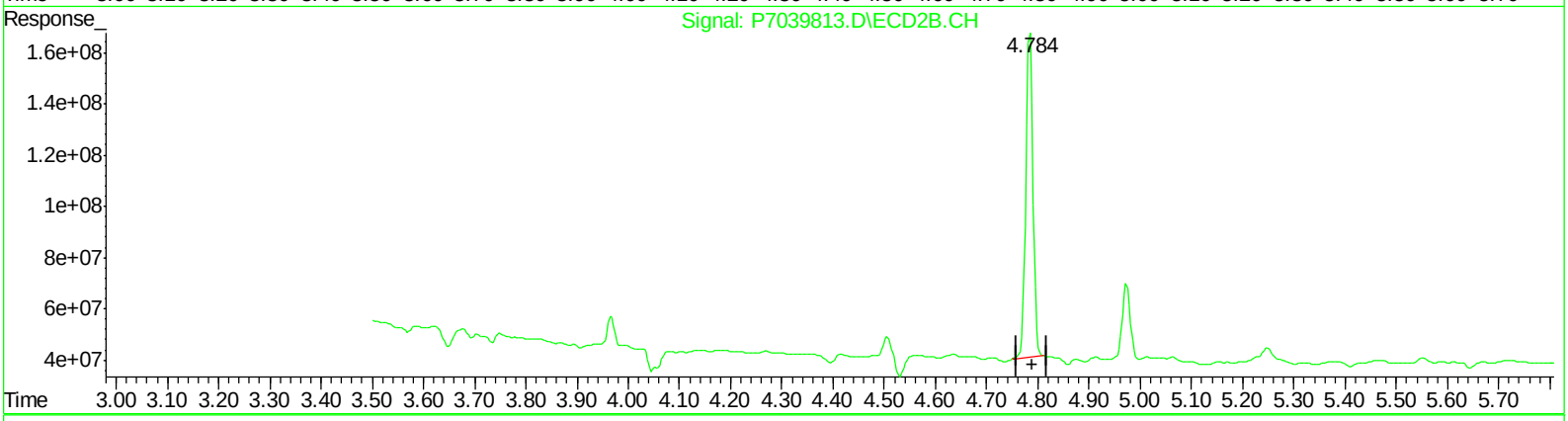
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:47
Operator : JJ
Sample   : A3816-15
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 15.438 ng/ml

response 687420692

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 14.796 ng/ml

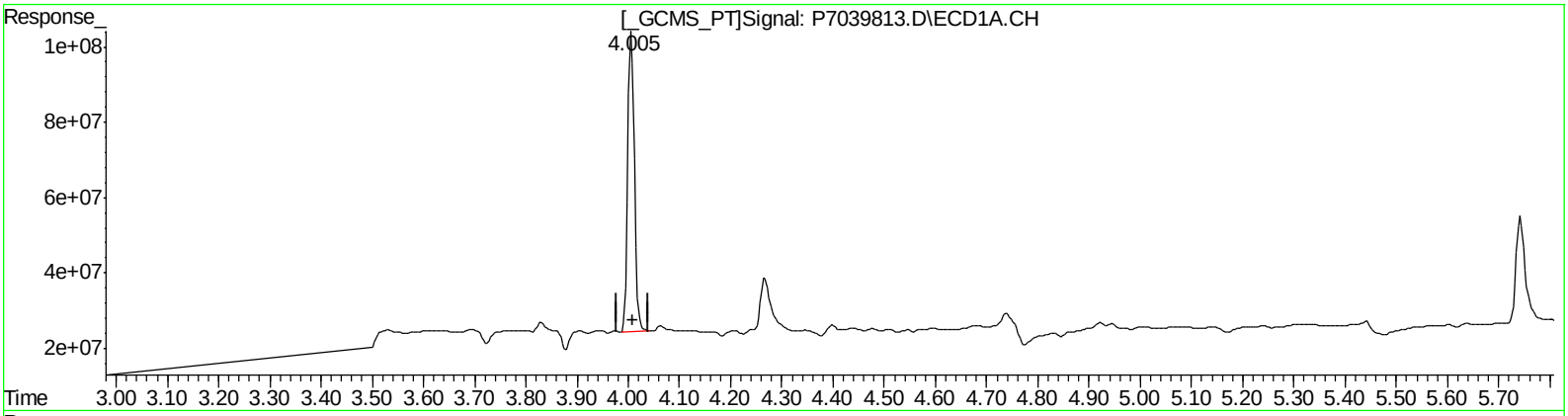
response 1252447084

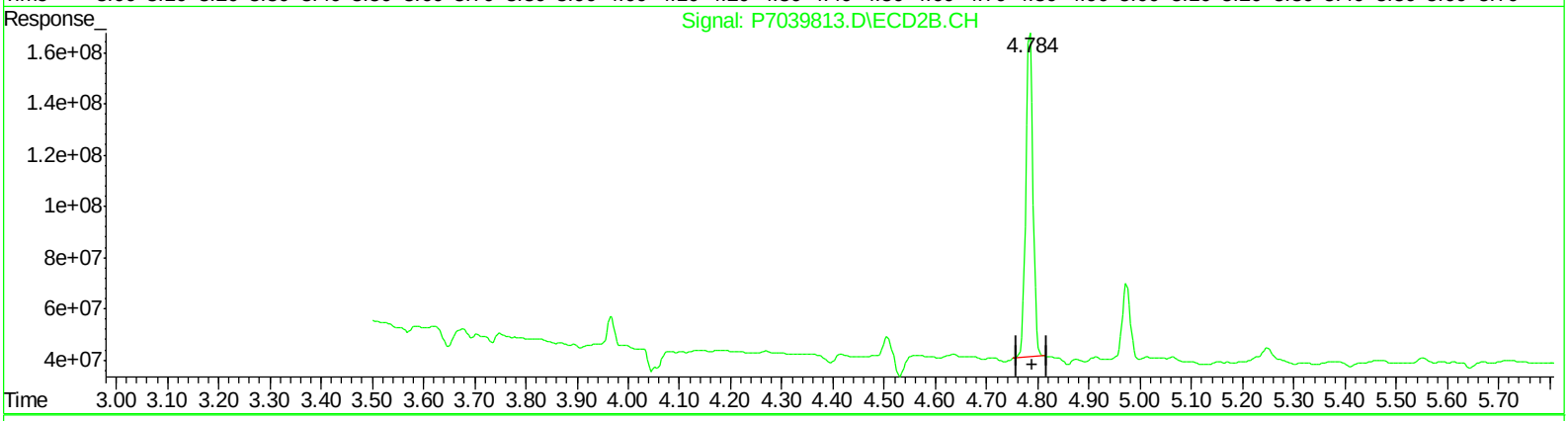
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:47
Operator : JJ
Sample   : A3816-15
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.005min 15.529 ng/ml m

response 691485932

(1) Tetrachloro-m-xylene #2 (SA)

4.784min 14.776 ng/ml m

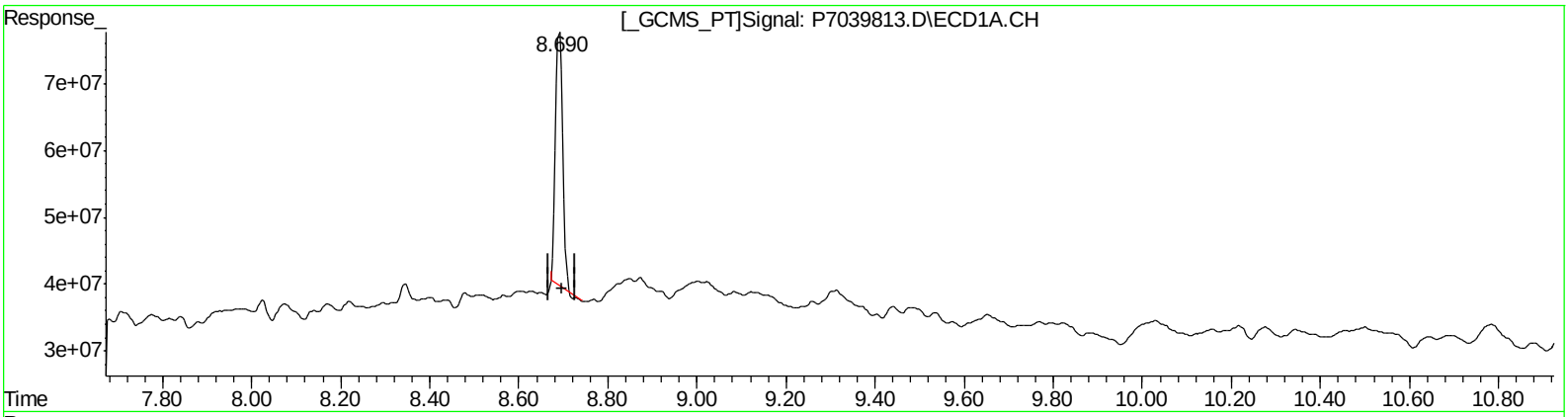
response 1250695226

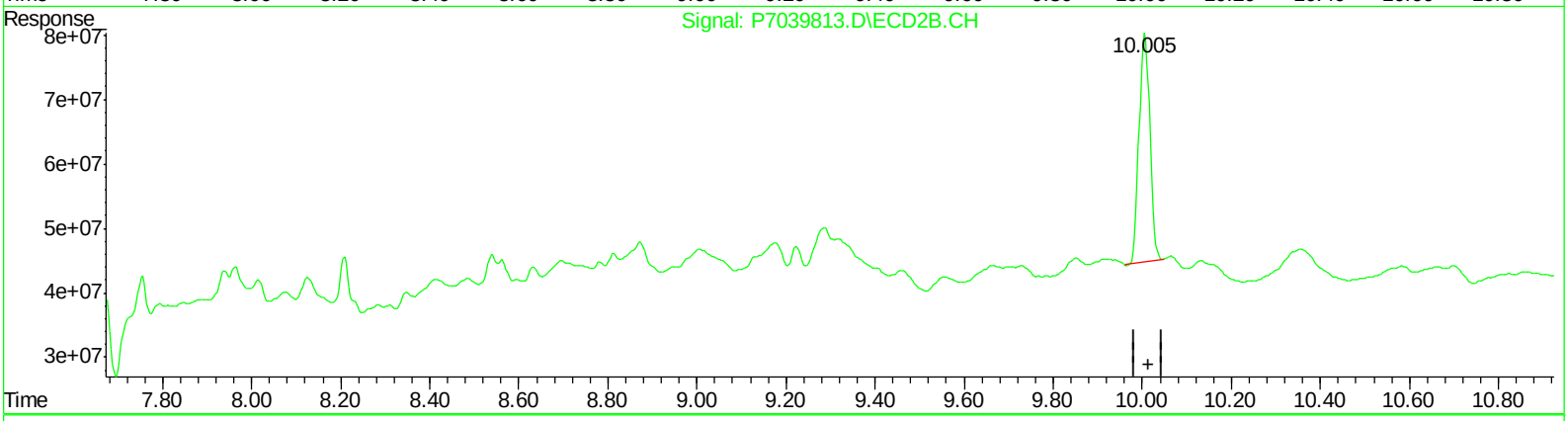
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:47
Operator : JJ
Sample   : A3816-15
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 8.802 ng/ml

response 423092984

(22) Decachlorobiphenyl #2 (SA)

10.006min 11.966 ng/ml

response 605069030

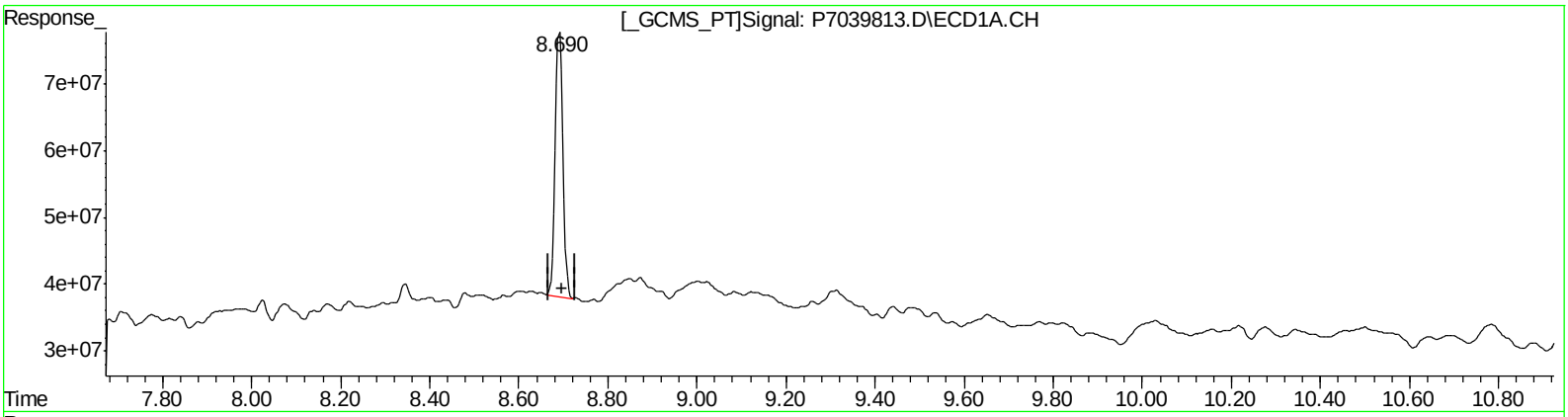
(+) = Expected Retention Time

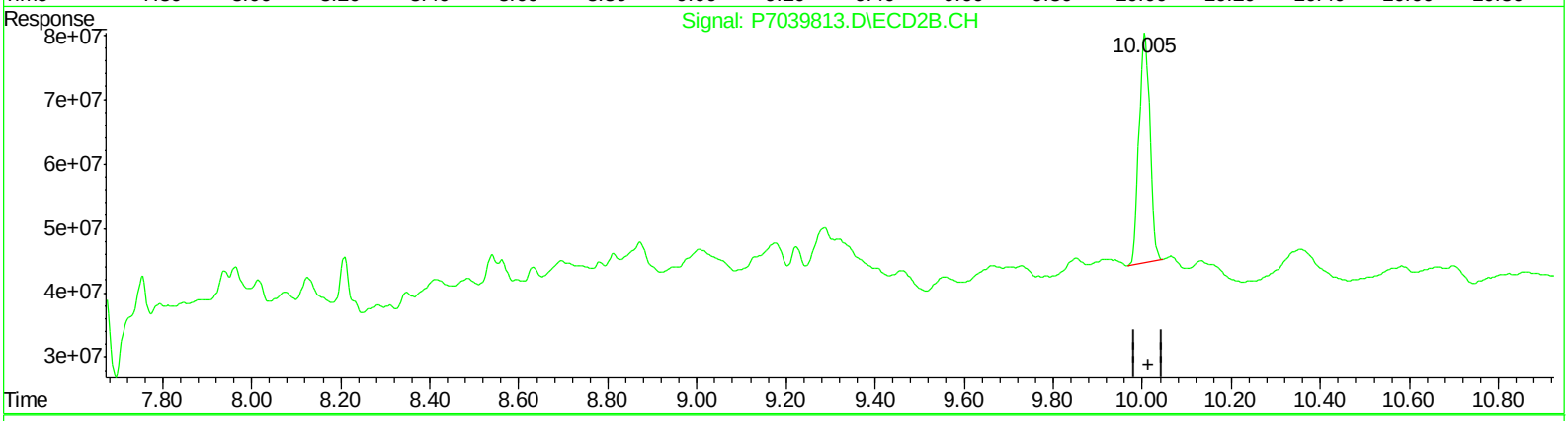
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 19:47
Operator : JJ
Sample   : A3816-15
Misc   :
ALS Vial : 30   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 9.858 ng/ml m

response 473837012

(22) Decachlorobiphenyl #2 (SA)

10.005min 12.096 ng/ml m

response 611620749

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039813.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 19:47
Operator : JJ
Sample : A3816-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:46:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.005	4.784	691.5E6	1250.7E6	15.529m	14.776m
22)	SA Decachlor...	8.690	10.005	473.8E6	611.6E6	9.858m	12.096m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039814.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

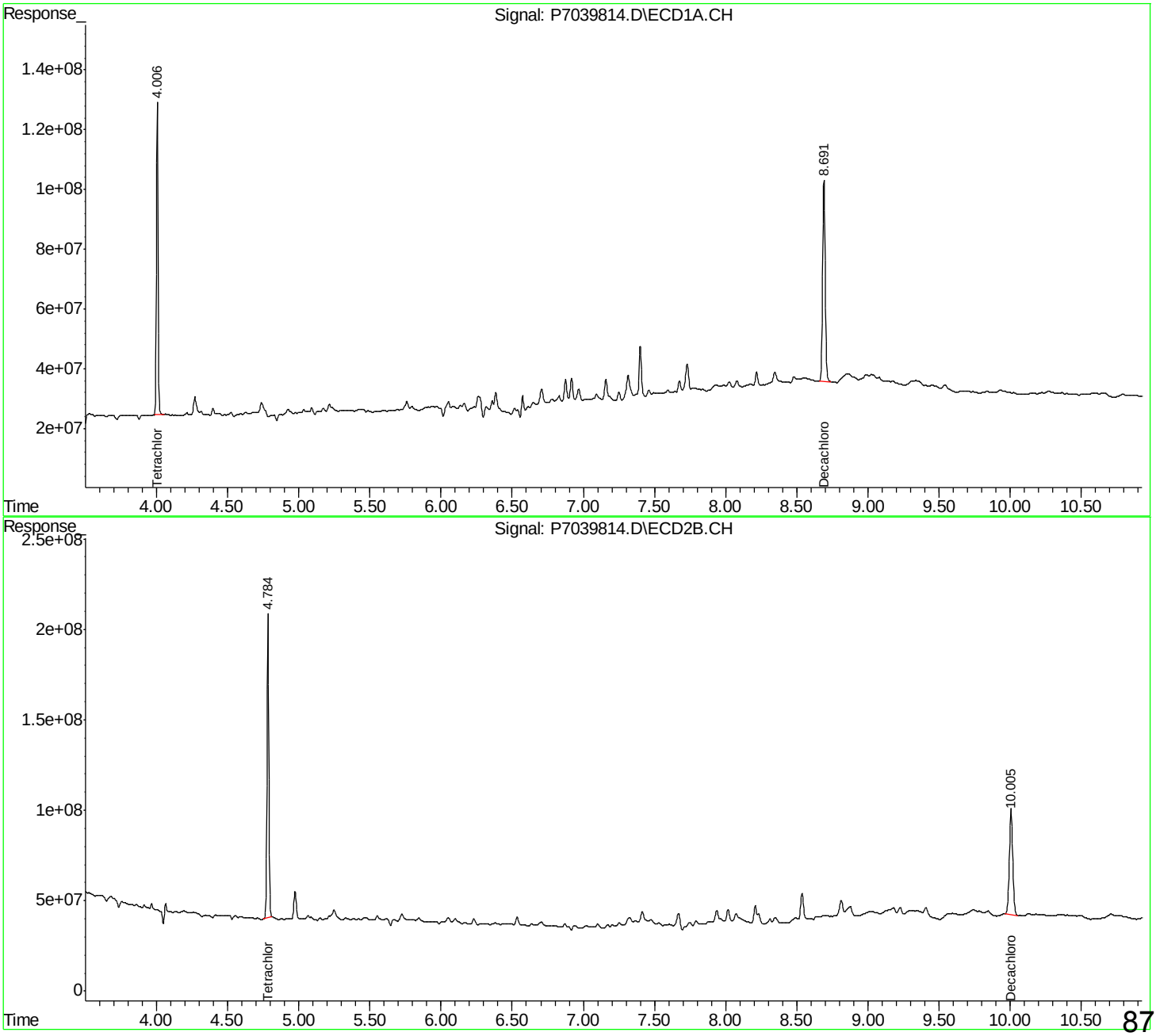
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	1.9	U
72-55-9	4,4'-DDE	1.9	U
72-20-8	Endrin	1.9	U
33213-65-9	Endosulfan II	1.9	U
72-54-8	4,4'-DDD	1.9	U
1031-07-8	Endosulfan sulfate	1.9	U
50-29-3	4,4'-DDT	1.9	U
72-43-5	Methoxychlor	1.9	U
53494-70-5	Endrin ketone	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	19	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:01
Operator : JJ
Sample : A3816-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:49:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

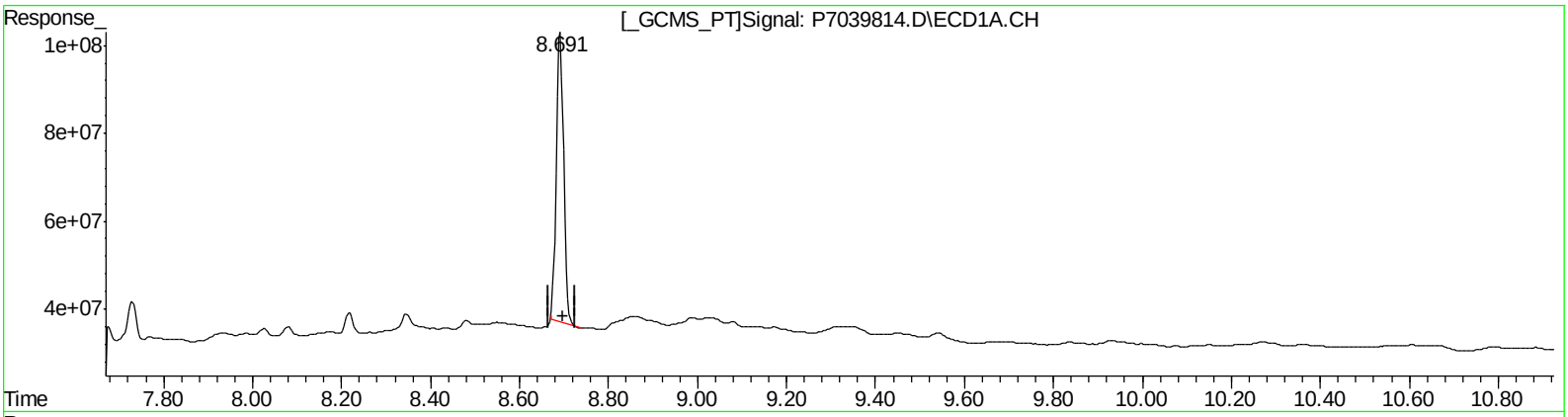


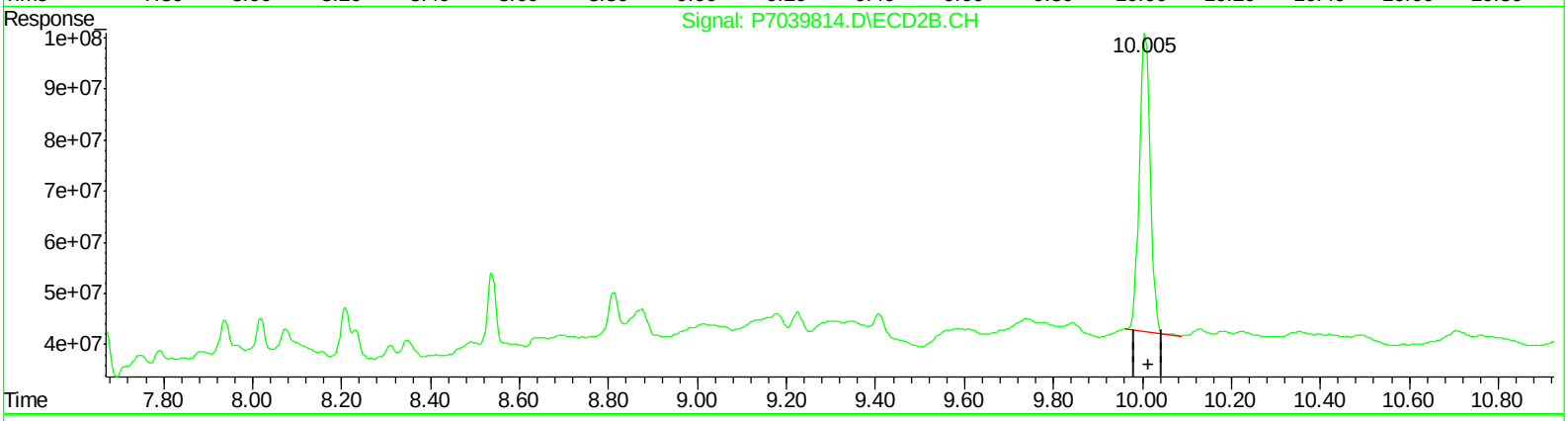
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:01
Operator : JJ
Sample   : A3816-16
Misc   :
ALS Vial : 31   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:47:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 15.856 ng/ml

response 762164972

(22) Decachlorobiphenyl #2 (SA)

10.007min 19.673 ng/ml

response 994748225

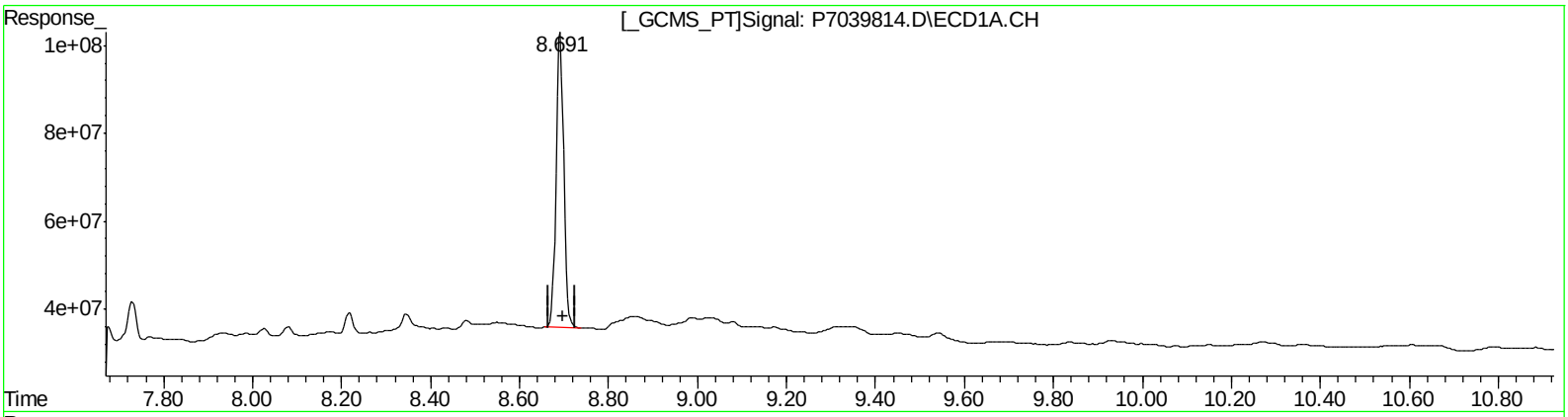
(+) = Expected Retention Time

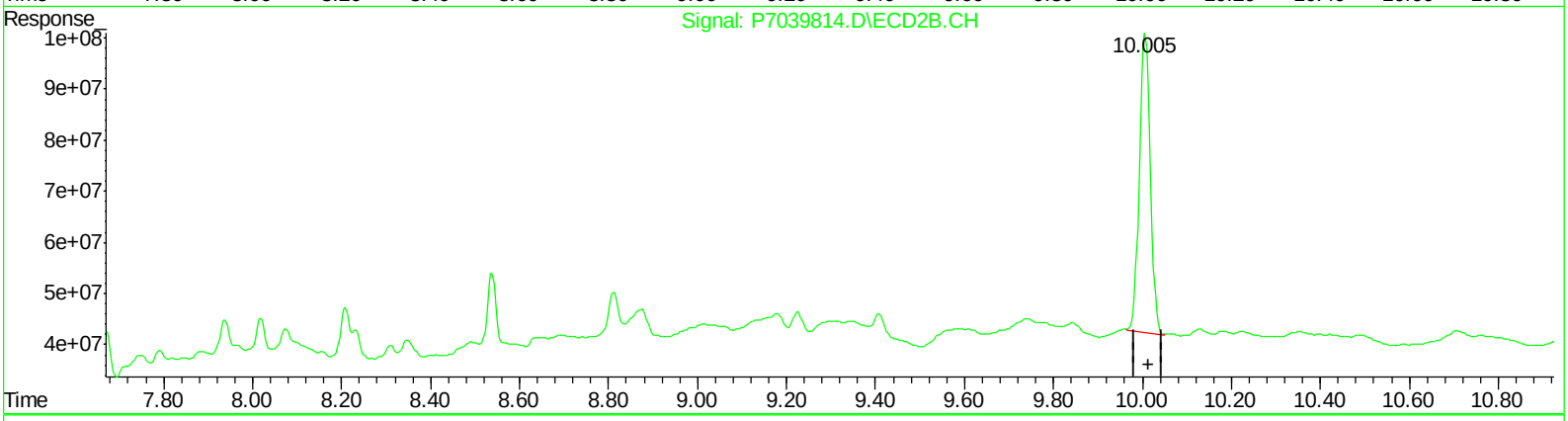
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:01
Operator : JJ
Sample   : A3816-16
Misc   :
ALS Vial : 31   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:47:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 16.799 ng/ml m

response 807479649

(22) Decachlorobiphenyl #2 (SA)

10.005min 19.756 ng/ml m

response 998981016

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:01
Operator : JJ
Sample : A3816-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:49:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	907.4E6	1677.6E6	20.378	19.819
22)	SA Decachlor...	8.691	10.005	807.5E6	999.0E6	16.799m	19.756m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039815.D

% Moisture: 17 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

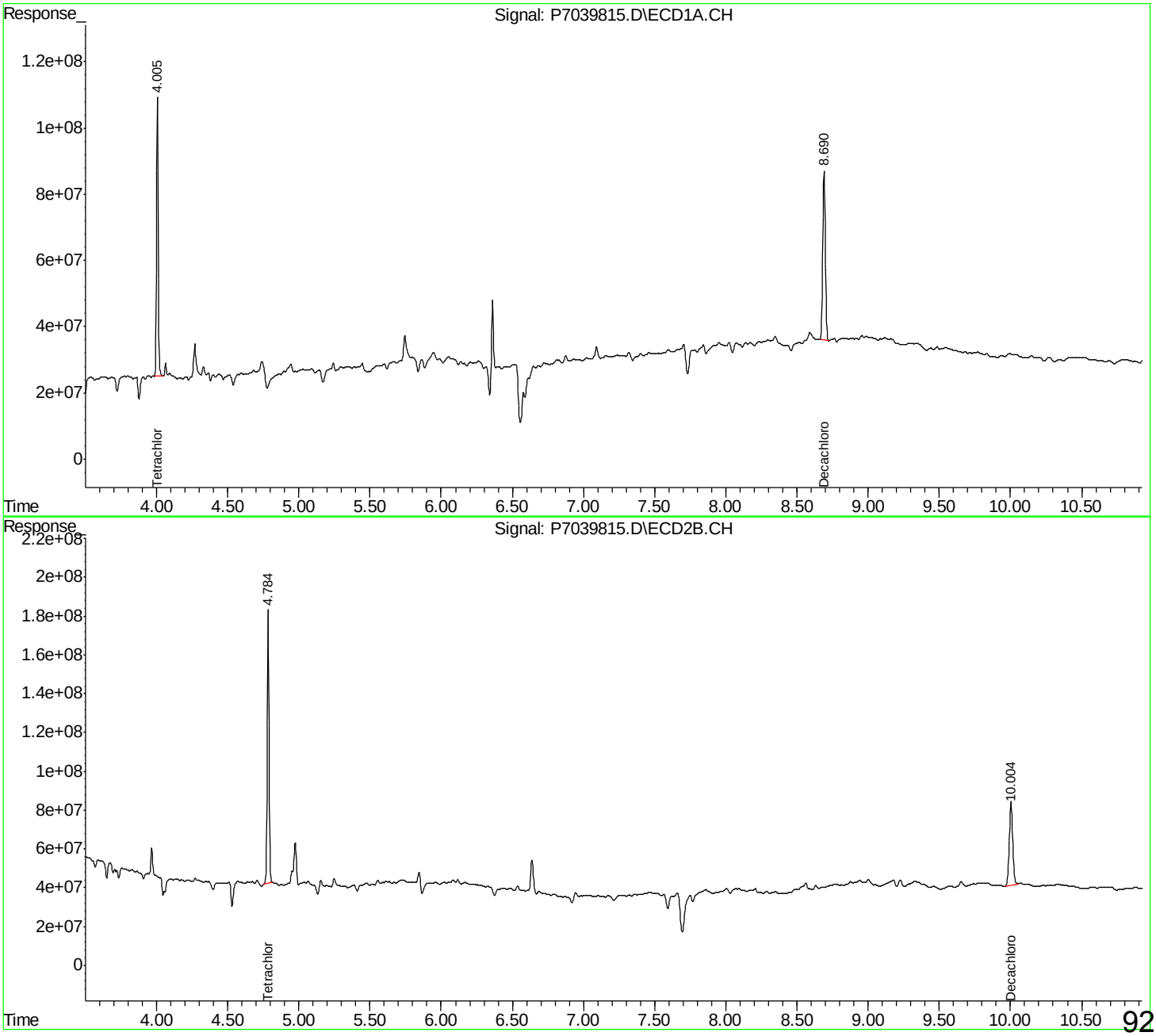
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:15
Operator : JJ
Sample : A3816-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:53:28 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

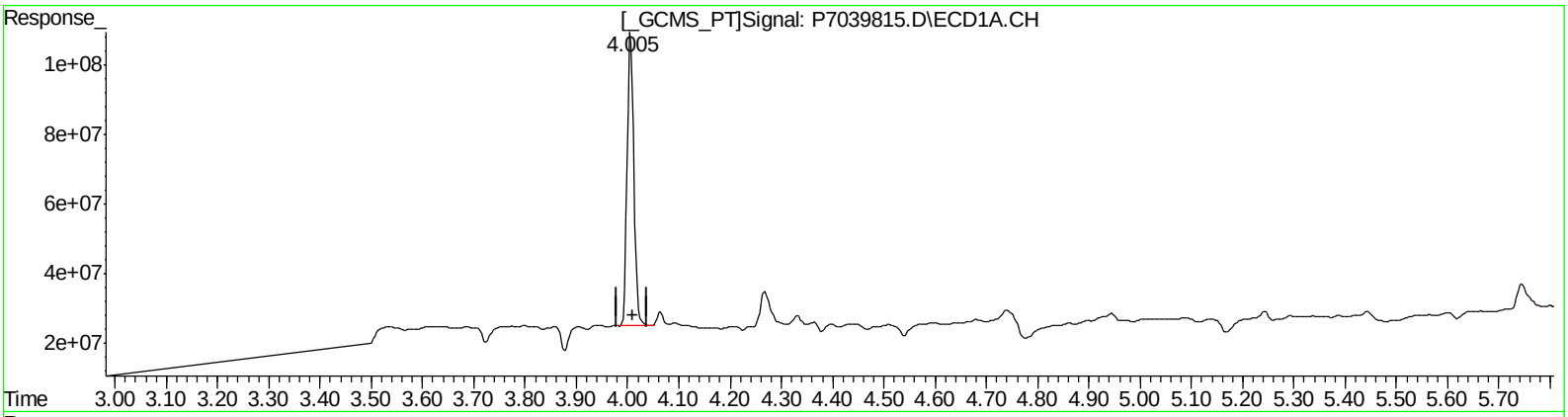


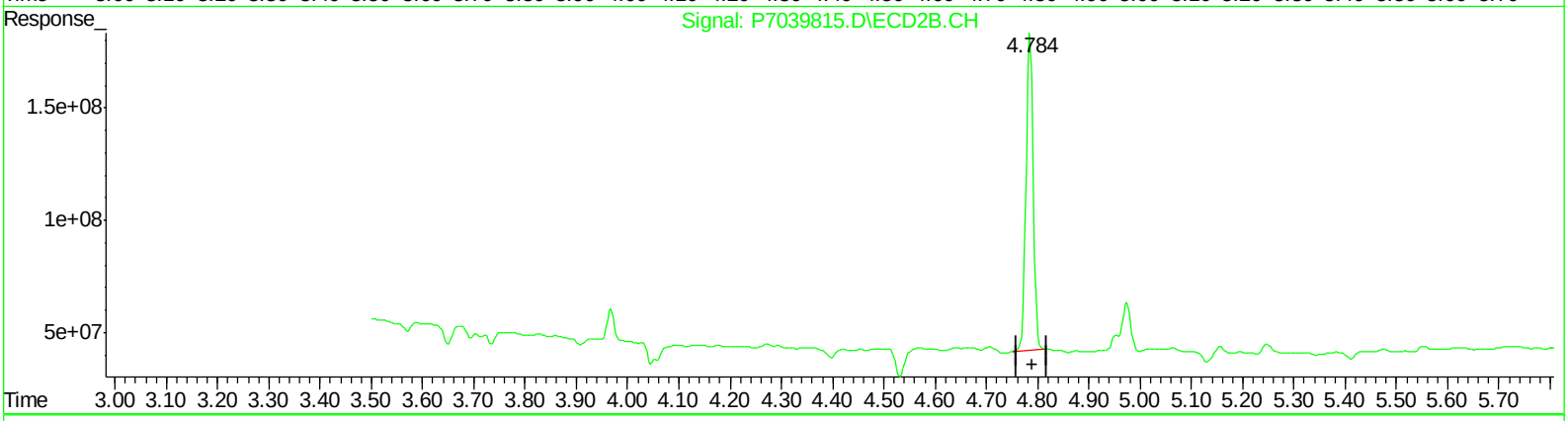
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:15
Operator : JJ
Sample   : A3816-17
Misc   :
ALS Vial : 32   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:50:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 16.939 ng/ml

response 754267925

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.345 ng/ml

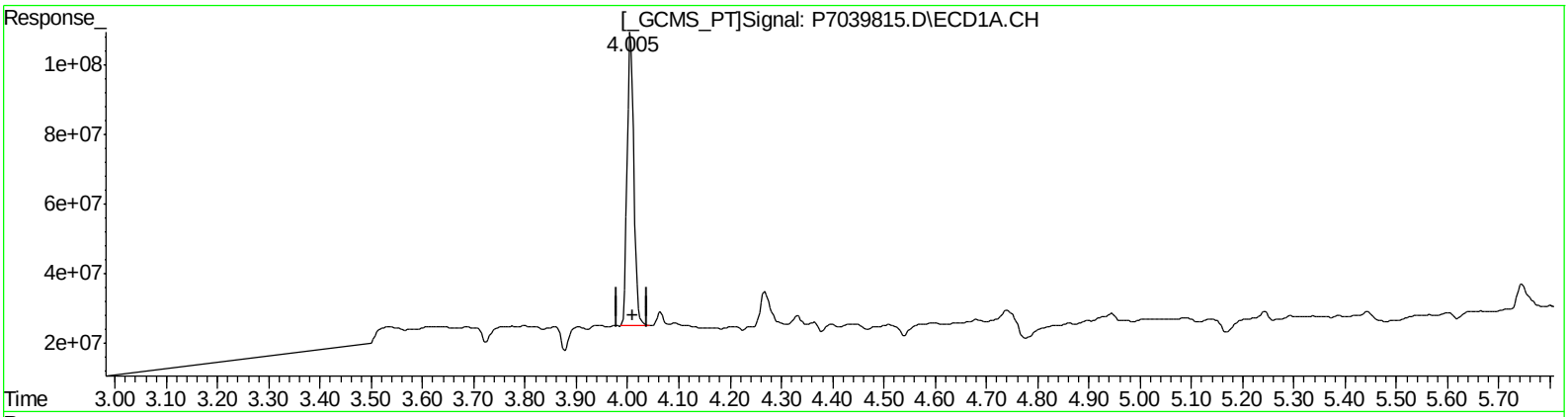
response 1383580919

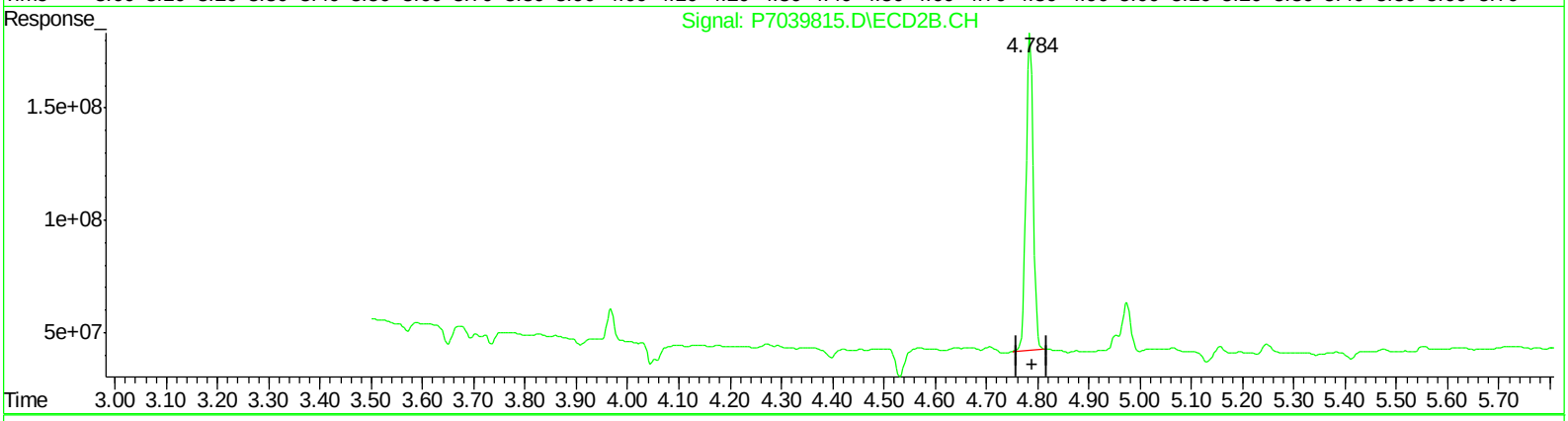
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:15
Operator : JJ
Sample   : A3816-17
Misc   :
ALS Vial : 32   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:50:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.005min 17.022 ng/ml m

response 757952399

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.345 ng/ml

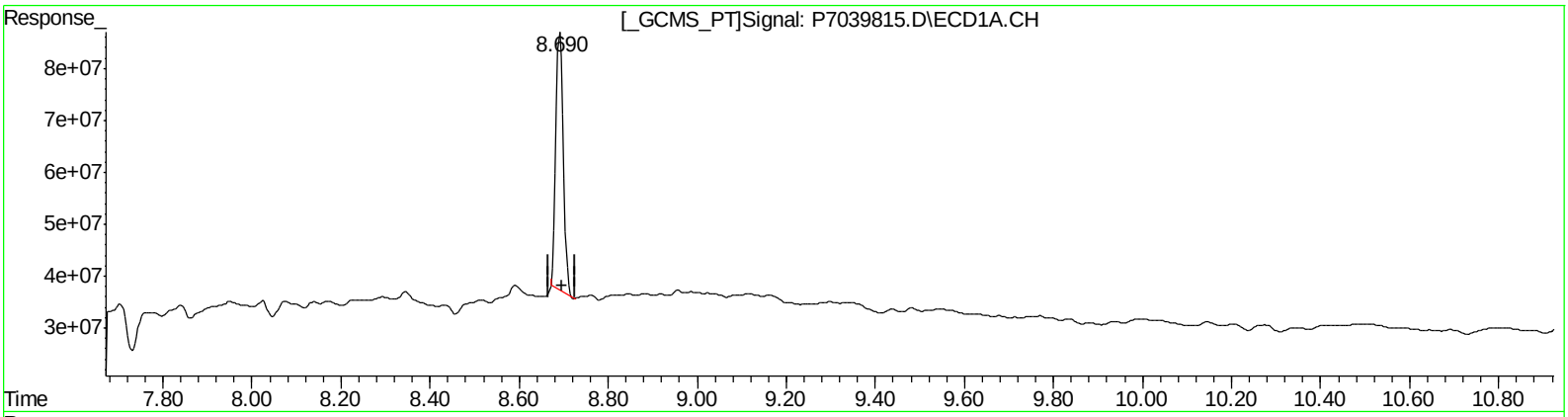
response 1383580919

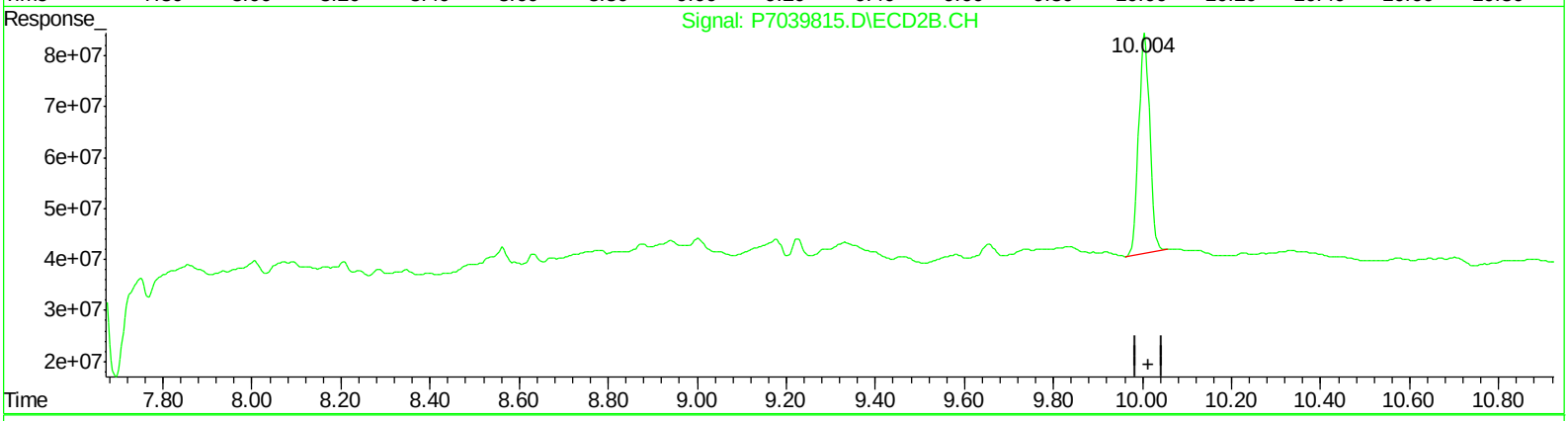
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:15
Operator : JJ
Sample   : A3816-17
Misc   :
ALS Vial : 32   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:50:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 11.926 ng/ml

response 573282488

(22) Decachlorobiphenyl #2 (SA)

10.005min 14.806 ng/ml

response 748657230

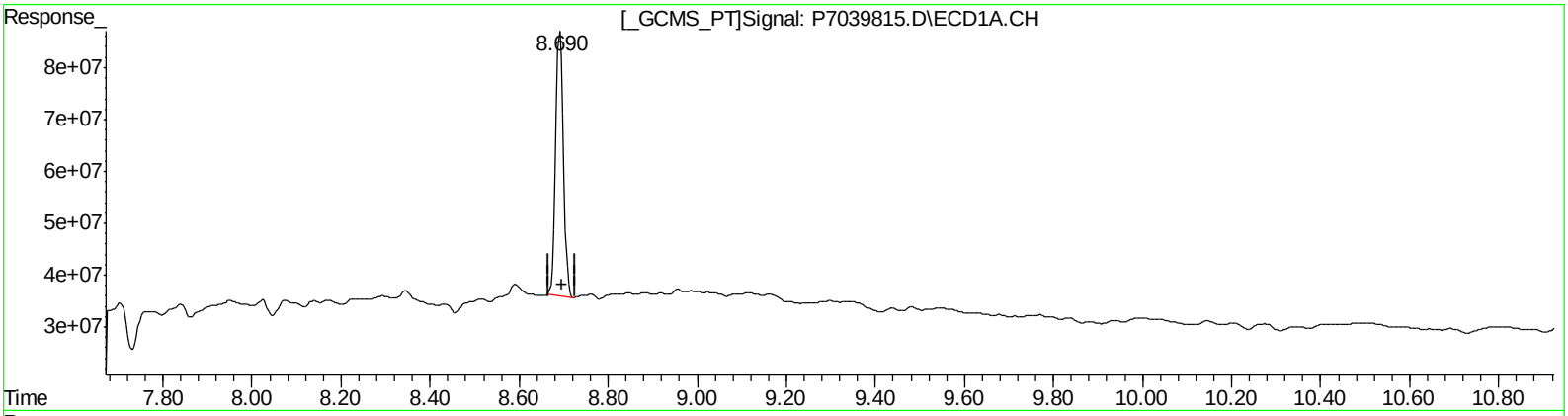
(+) = Expected Retention Time

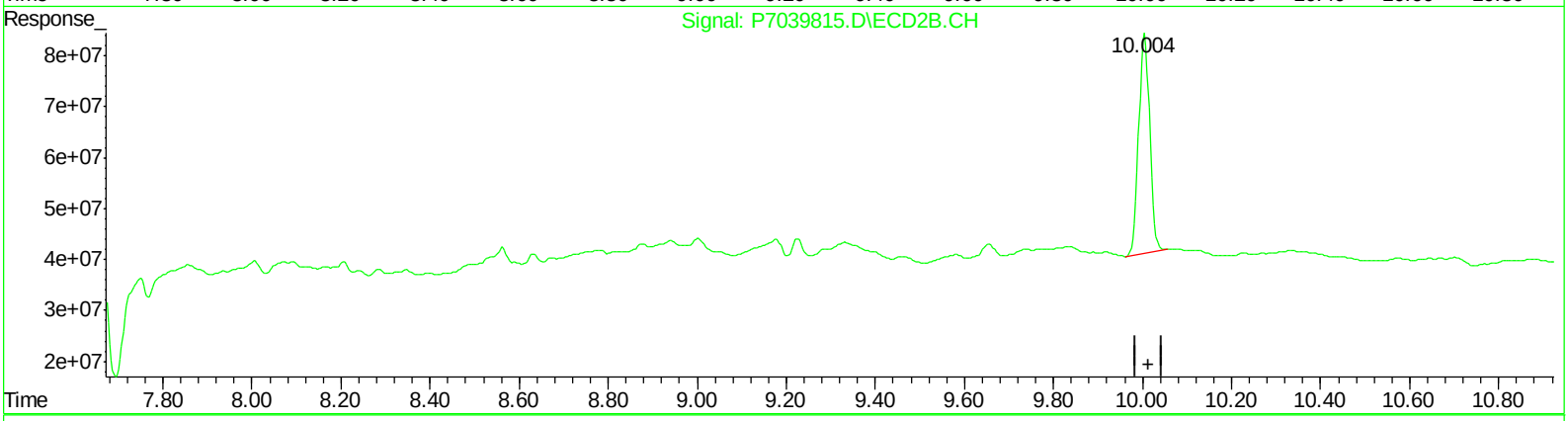
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:15
Operator : JJ
Sample   : A3816-17
Misc   :
ALS Vial : 32   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:50:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 12.726 ng/ml m

response 611710305

(22) Decachlorobiphenyl #2 (SA)

10.005min 14.806 ng/ml

response 748657230

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039815.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:15
Operator : JJ
Sample : A3816-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:53:28 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.005	4.785	758.0E6	1383.6E6	17.022m	16.345
22)	SA Decachlor...	8.690	10.005	611.7E6	748.7E6	12.726m	14.806
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039816.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

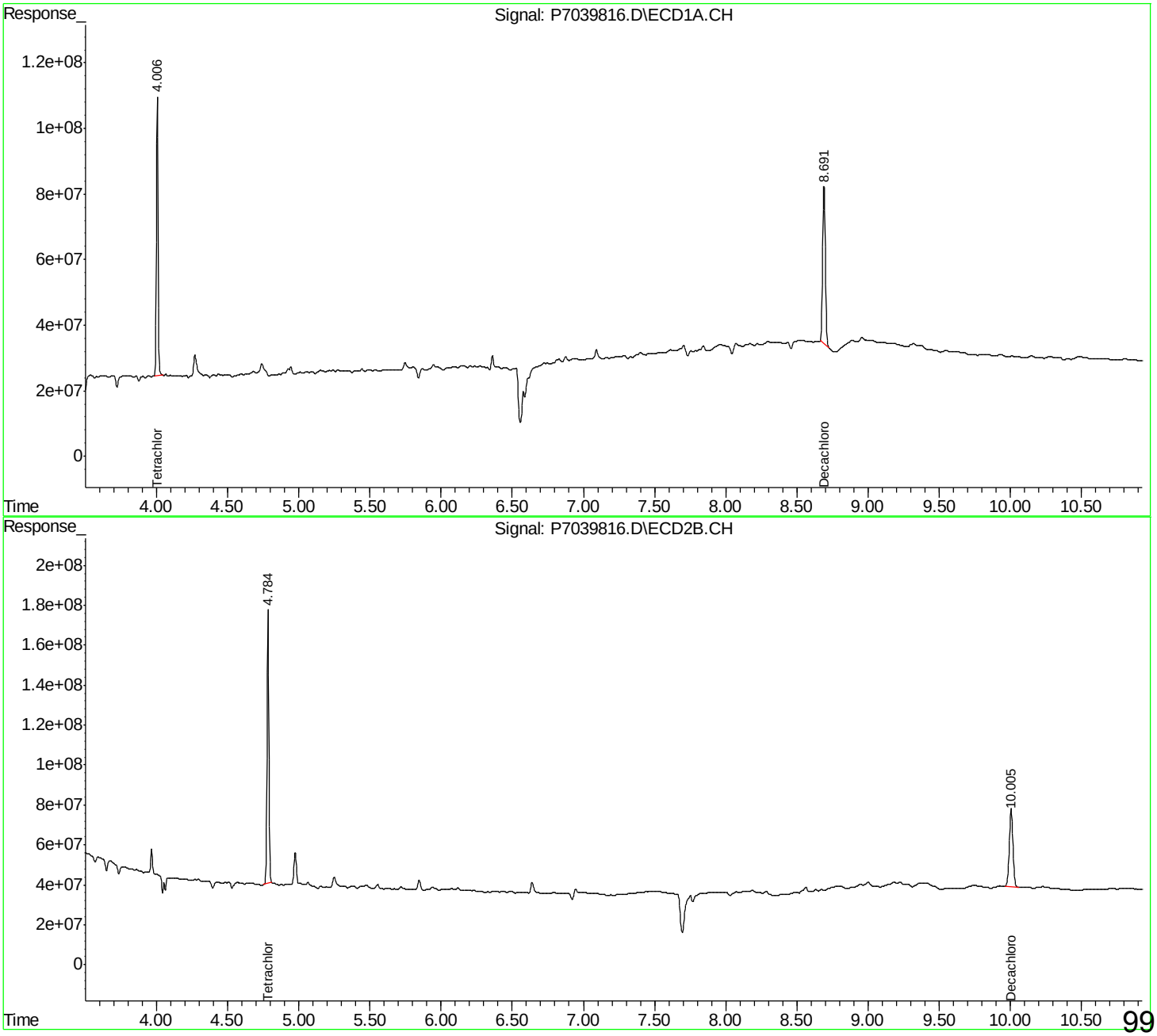
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:29
Operator : JJ
Sample : A3816-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:56:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

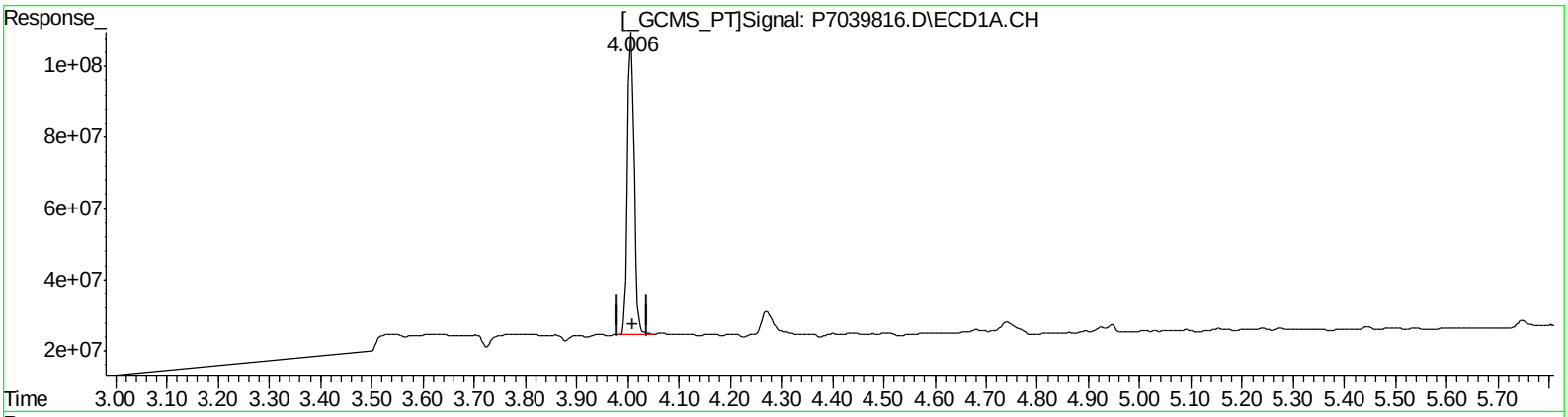


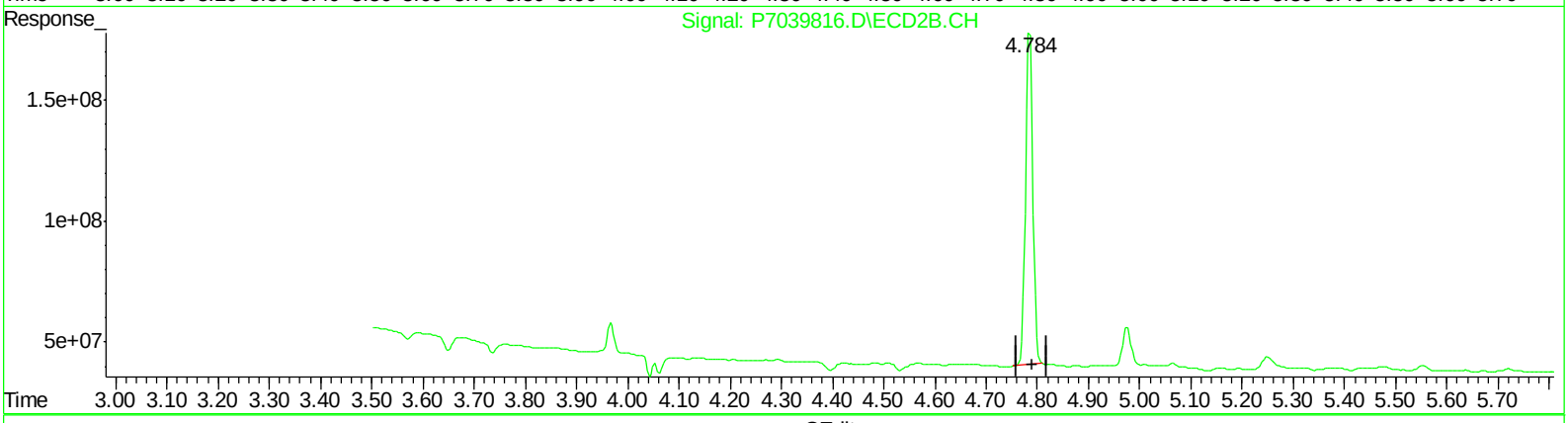
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:29
Operator : JJ
Sample   : A3816-18
Misc   :
ALS Vial : 33   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:54:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 16.613 ng/ml

response 739742695

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.392 ng/ml

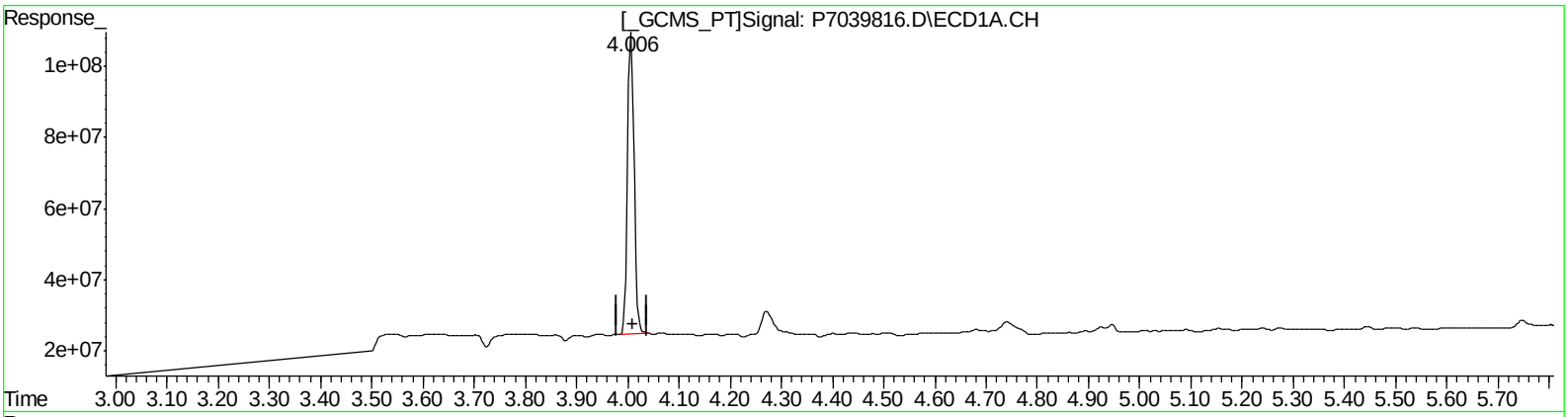
response 1387558250

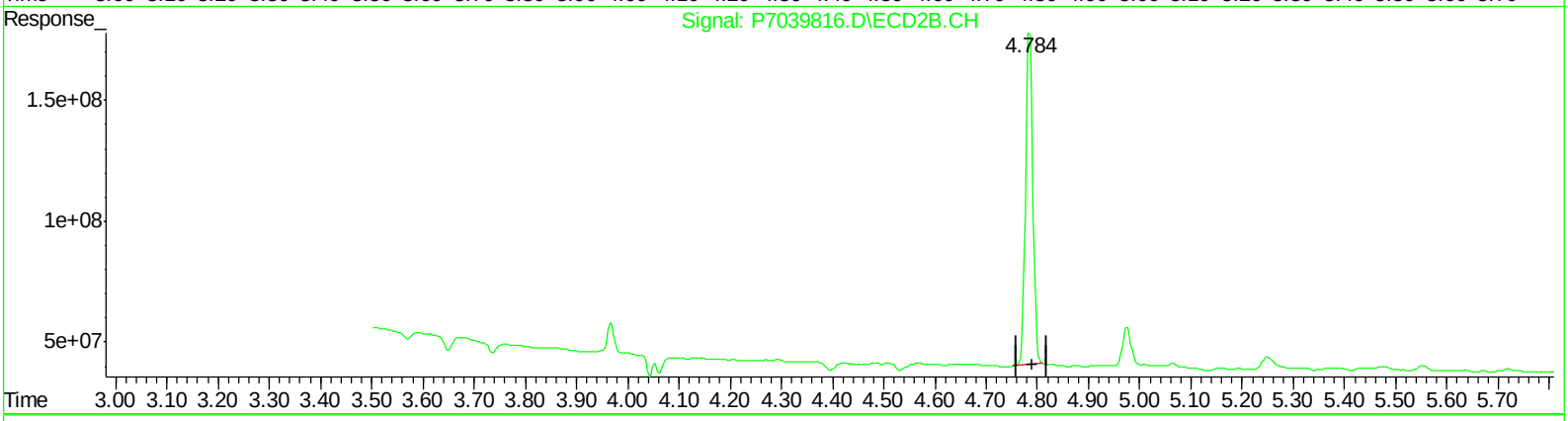
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:29
Operator : JJ
Sample   : A3816-18
Misc   :
ALS Vial : 33   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:54:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 16.561 ng/ml m

response 737450389

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.392 ng/ml

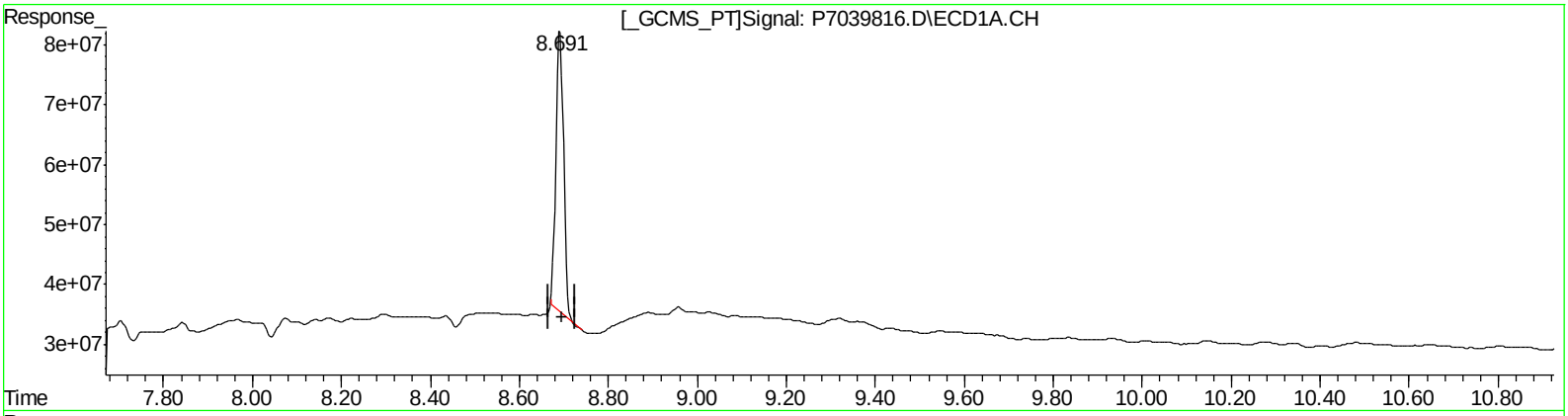
response 1387558250

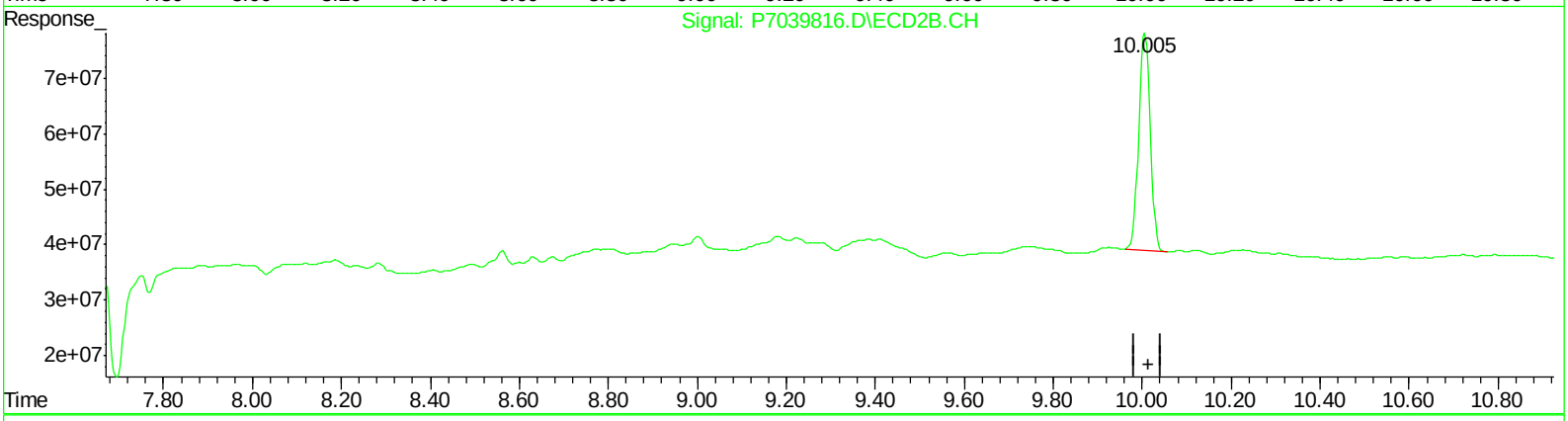
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:29
Operator : JJ
Sample   : A3816-18
Misc   :
ALS Vial : 33   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:54:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 11.774 ng/ml

response 565969610

(22) Decachlorobiphenyl #2 (SA)

10.006min 14.049 ng/ml

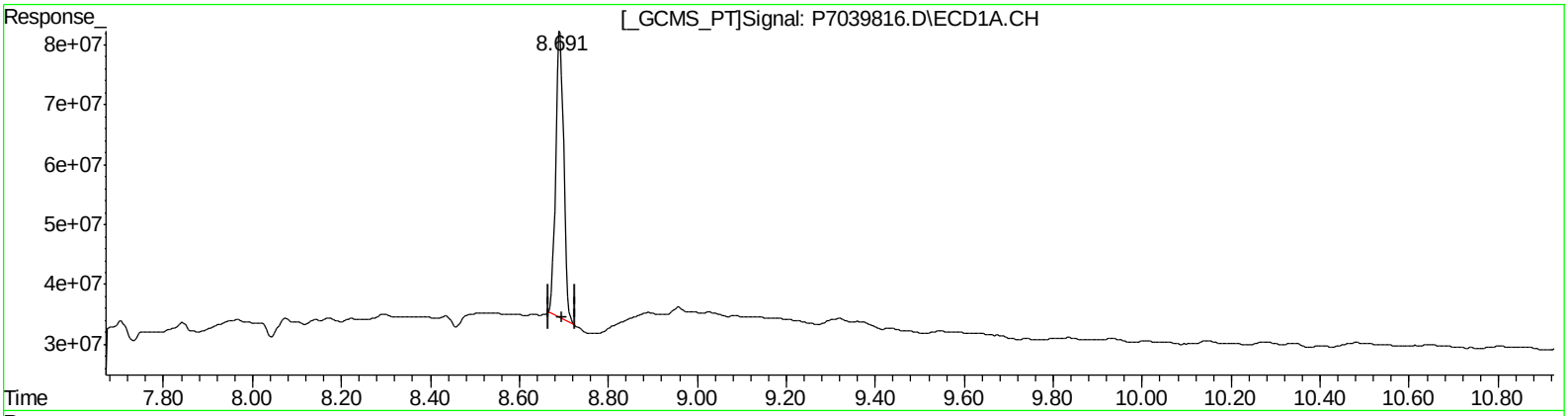
response 710374764

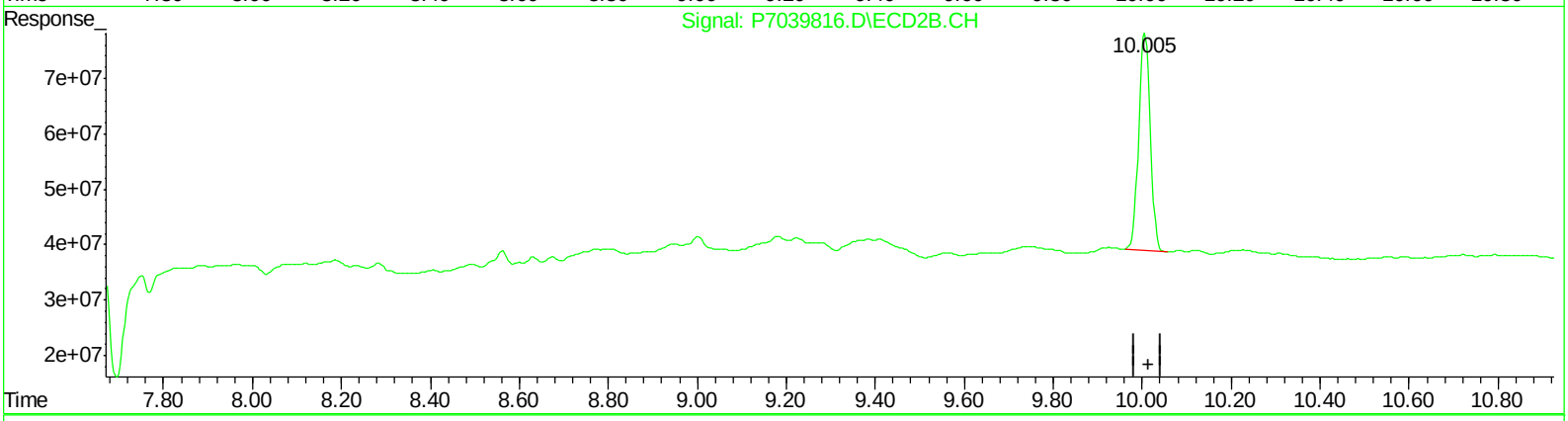
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:29
Operator : JJ
Sample   : A3816-18
Misc   :
ALS Vial : 33   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:54:04 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 12.538 ng/ml m

response 602681260

(22) Decachlorobiphenyl #2 (SA)

10.006min 14.049 ng/ml

response 710374764

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039816.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:29
Operator : JJ
Sample : A3816-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:56:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.785	737.5E6	1387.6E6	16.561m	16.392
22)	SA Decachlor...	8.691	10.006	602.7E6	710.4E6	12.538m	14.049
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039817.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

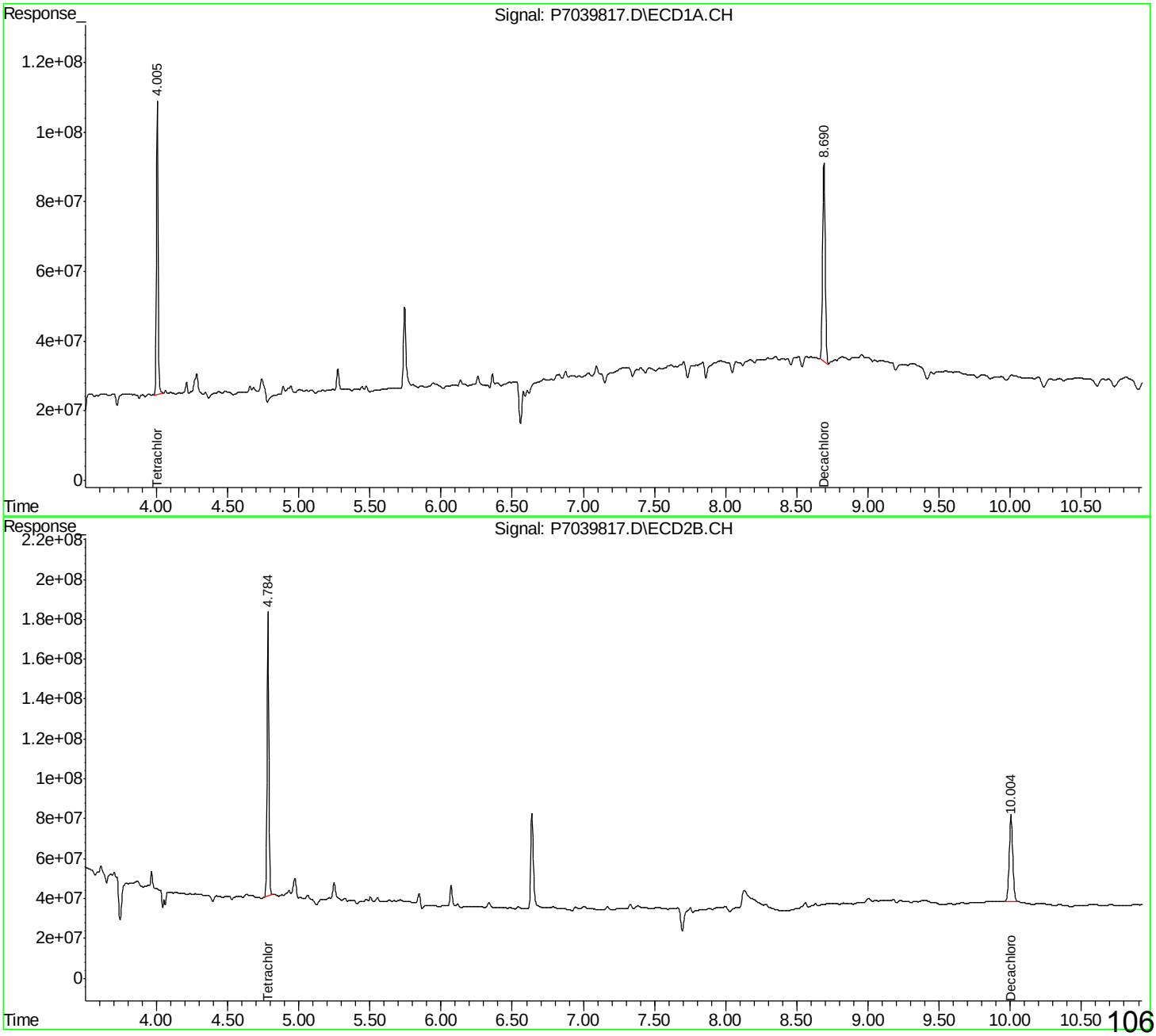
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:43
Operator : JJ
Sample : A3816-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:00:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

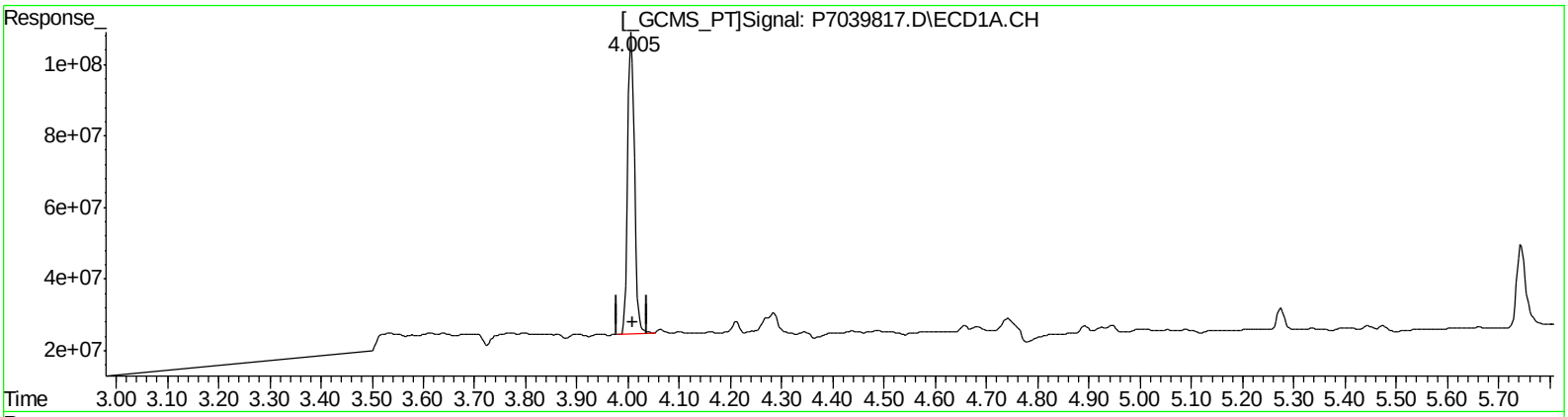


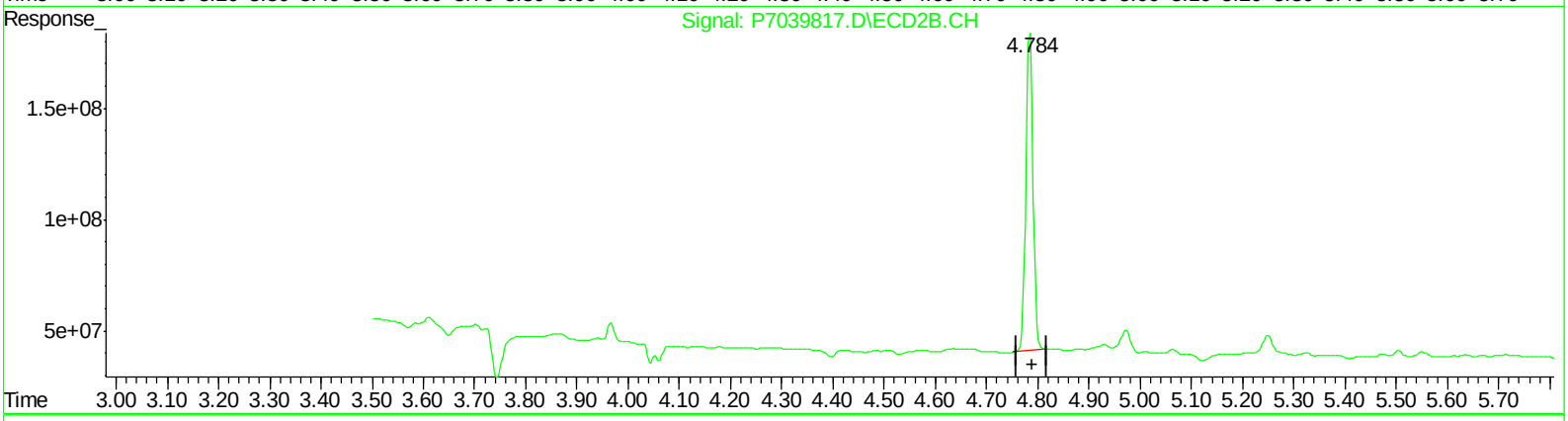
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:43
Operator : JJ
Sample   : A3816-19
Misc   :
ALS Vial : 34   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:57:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 16.729 ng/ml

response 744909870

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.625 ng/ml

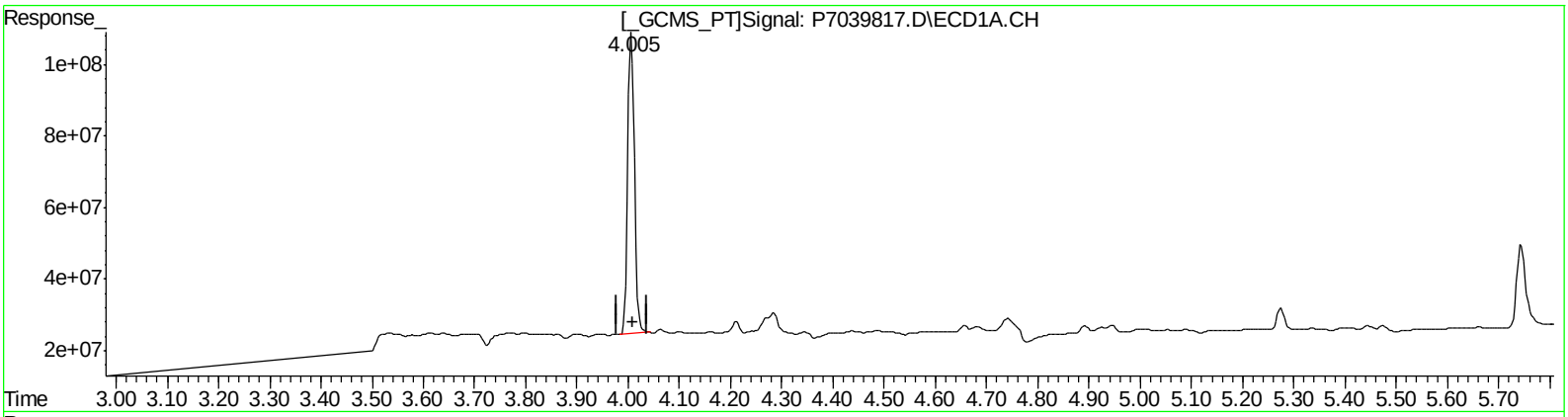
response 1407258455

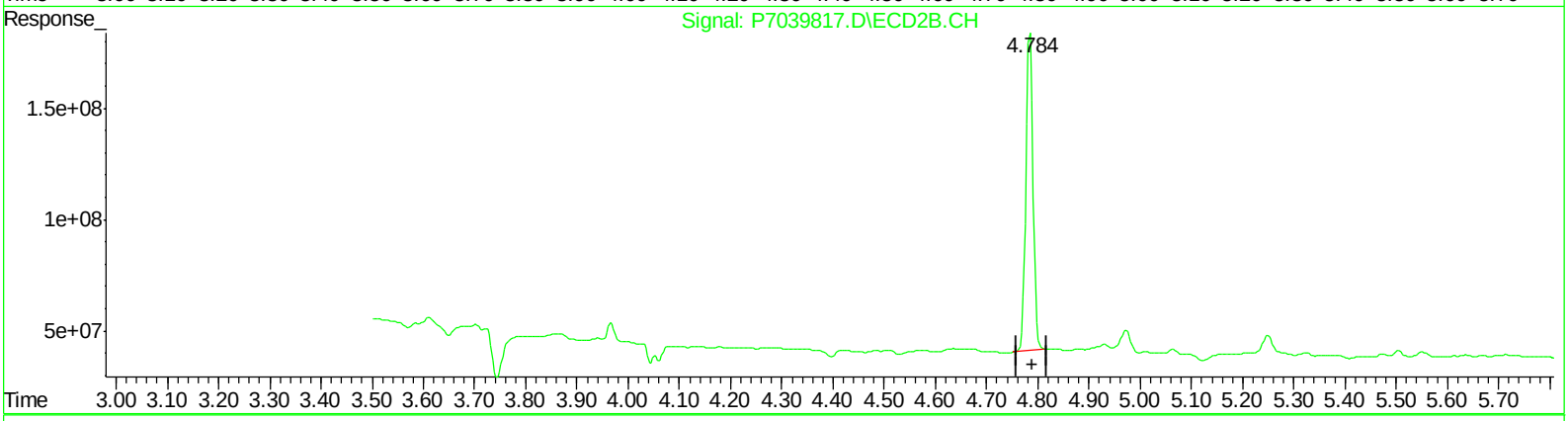
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:43
Operator : JJ
Sample   : A3816-19
Misc   :
ALS Vial : 34   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:57:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.005min 16.710 ng/ml m

response 744085981

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 16.625 ng/ml

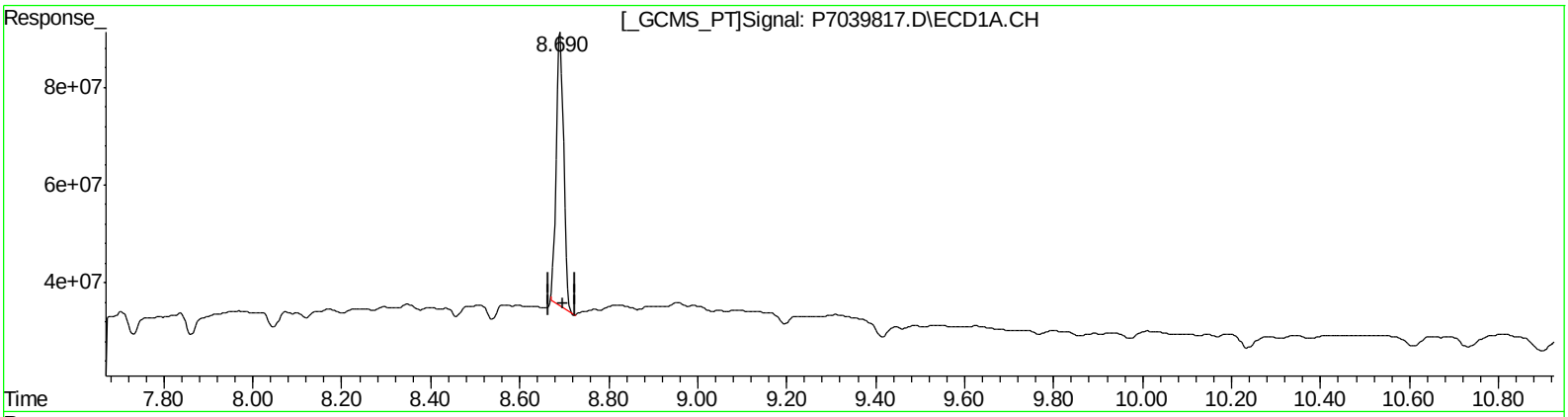
response 1407258455

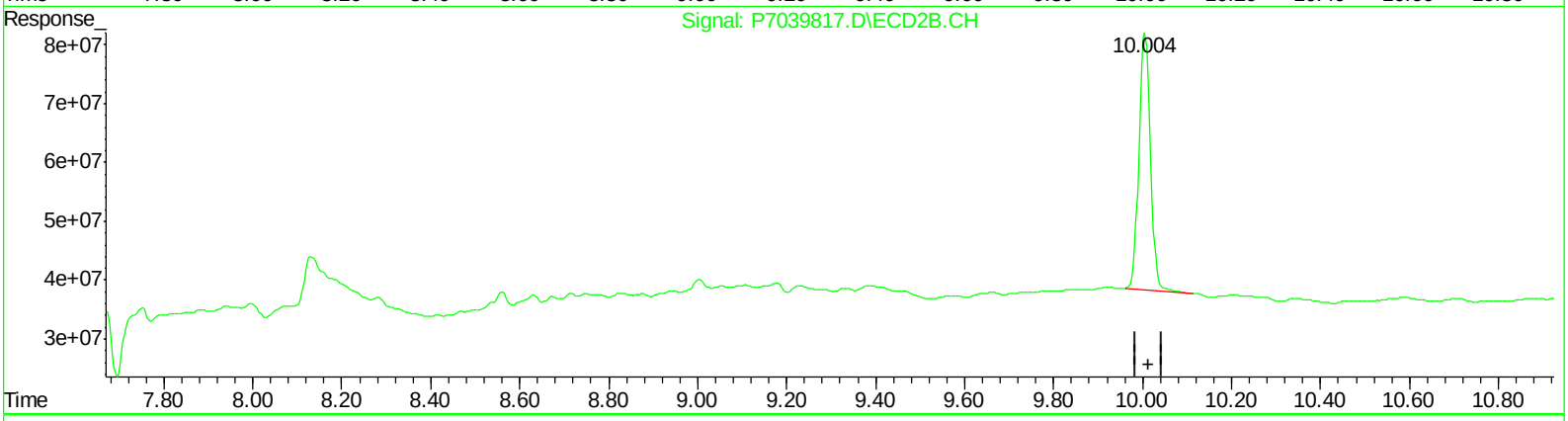
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:43
Operator : JJ
Sample   : A3816-19
Misc   :
ALS Vial : 34   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:57:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 13.708 ng/ml

response 658924581

(22) Decachlorobiphenyl #2 (SA)

10.006min 15.641 ng/ml

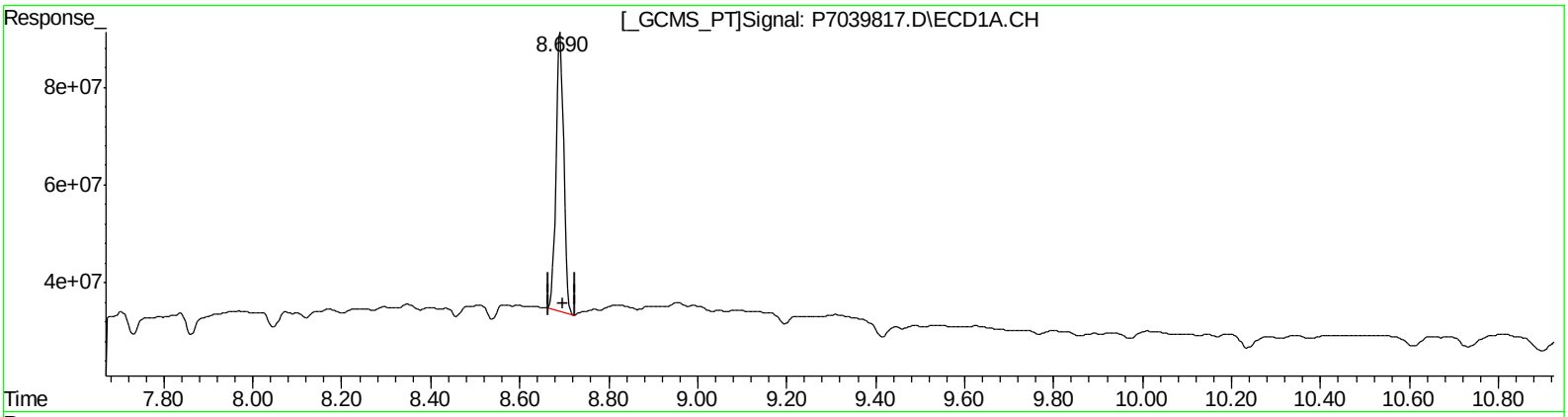
response 790886602

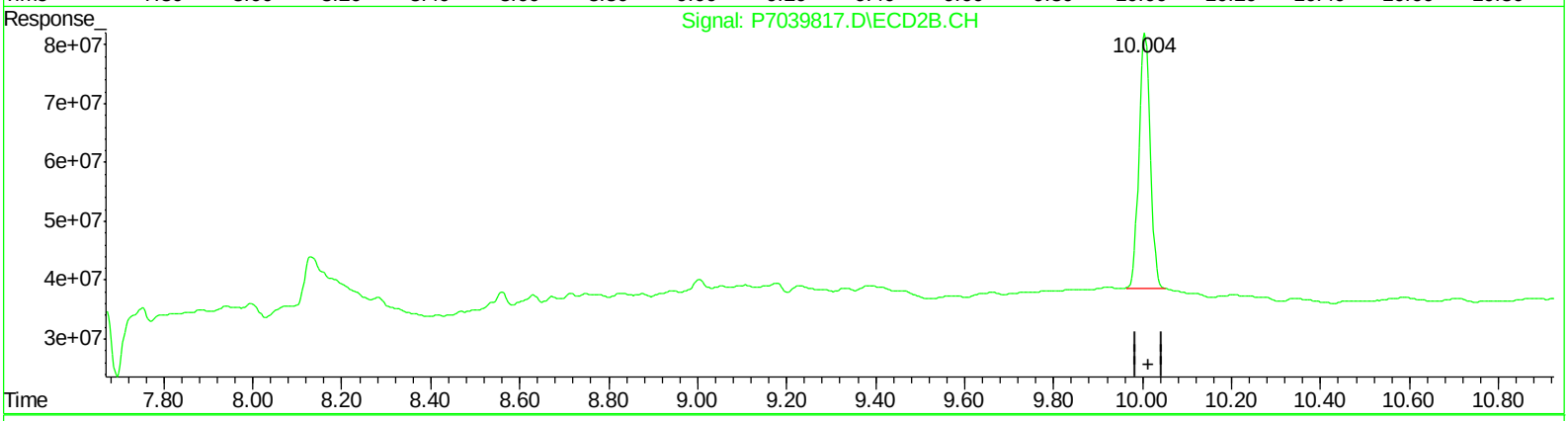
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:43
Operator : JJ
Sample   : A3816-19
Misc   :
ALS Vial : 34   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:57:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 14.272 ng/ml m

response 686011035

(22) Decachlorobiphenyl #2 (SA)

10.004min 15.203 ng/ml m

response 768723025

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039817.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:43
Operator : JJ
Sample : A3816-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:00:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.005	4.785	744.1E6	1407.3E6	16.710m	16.625
22)	SA Decachlor...	8.690	10.004	686.0E6	768.7E6	14.272m	15.203m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039818.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

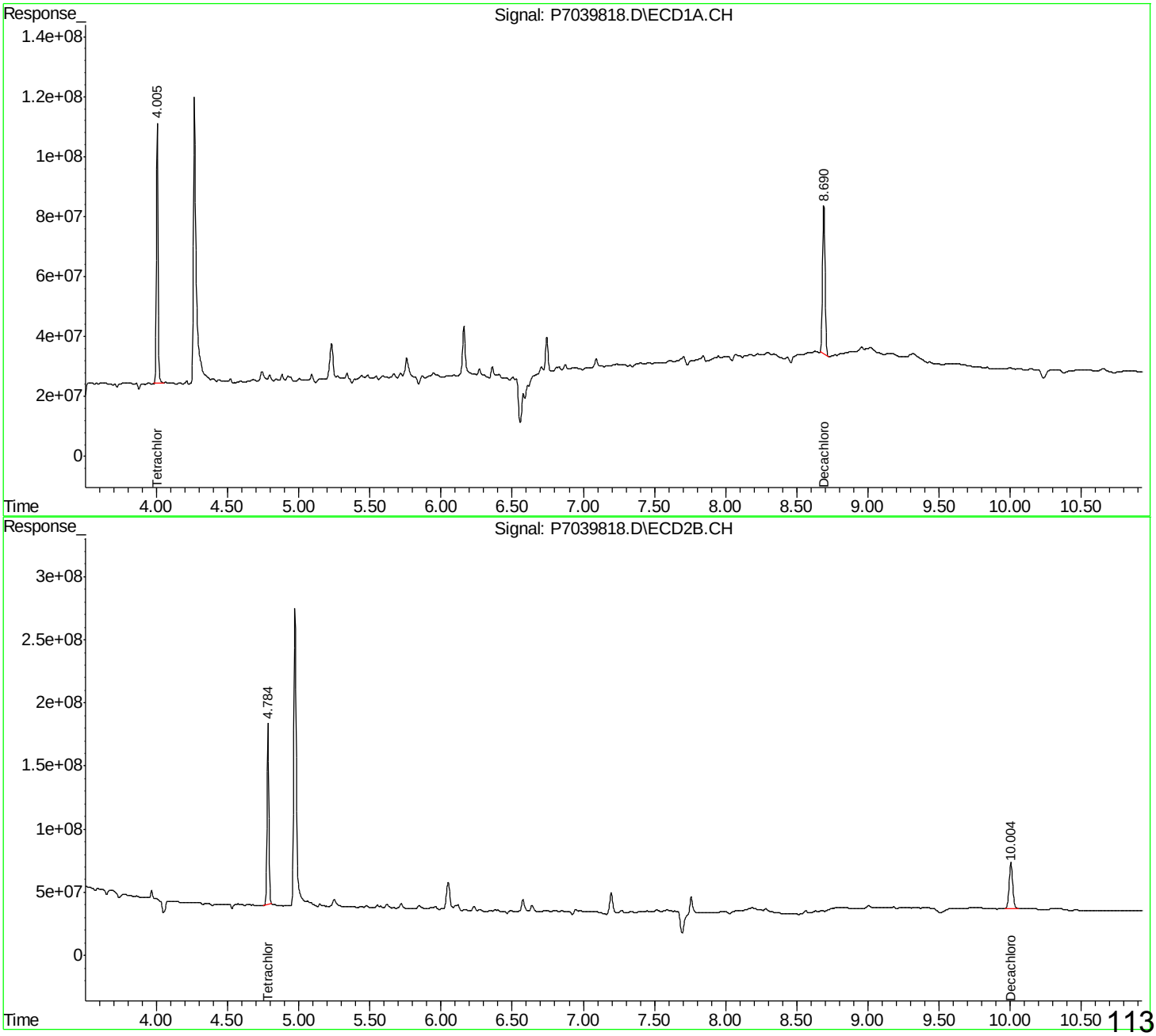
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:57
Operator : JJ
Sample : A3816-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:02:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

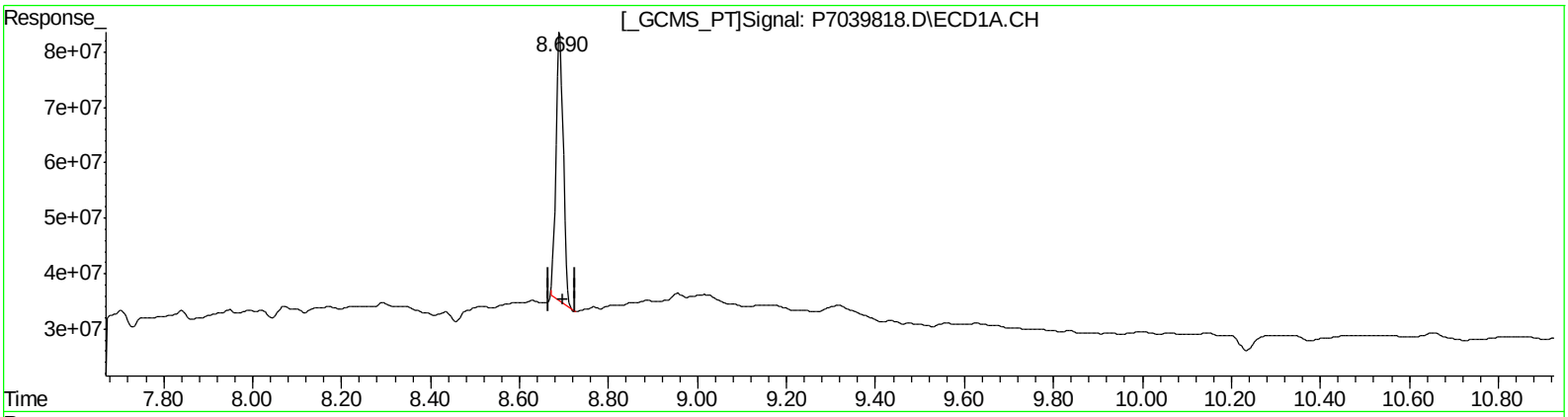


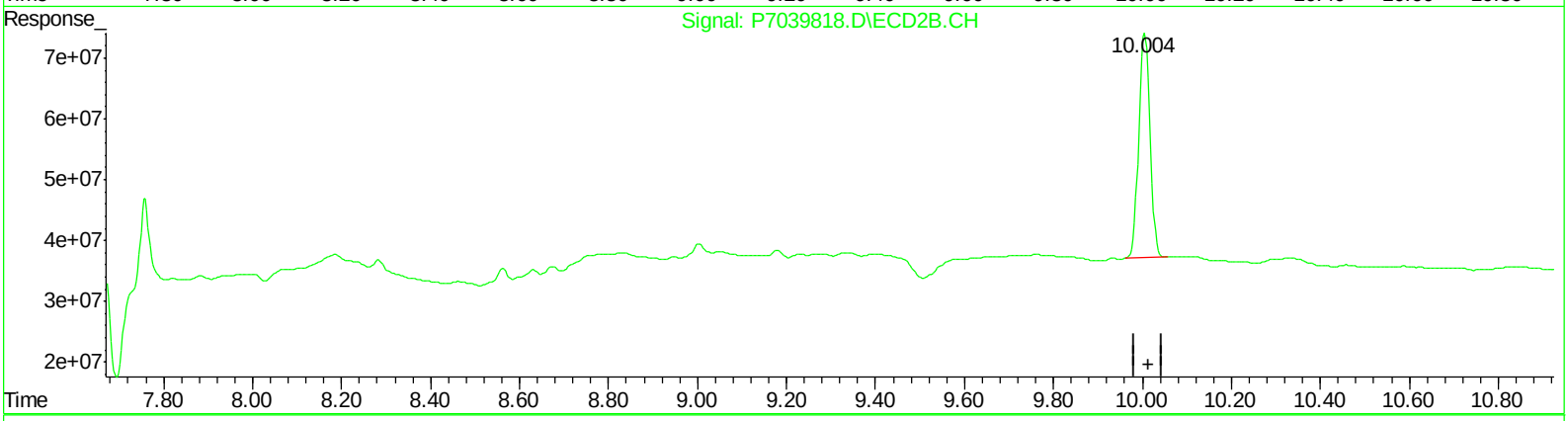
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 20:57
Operator : JJ
Sample   : A3816-20
Misc   :
ALS Vial : 35   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:01:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 11.699 ng/ml

response 562329864

(22) Decachlorobiphenyl #2 (SA)

10.006min 12.941 ng/ml

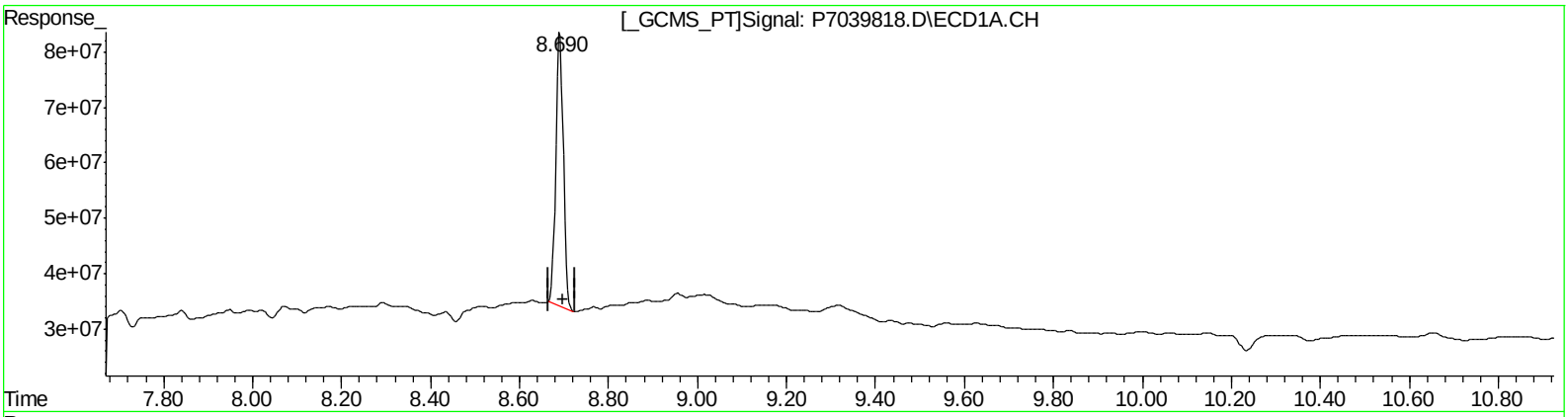
response 654375134

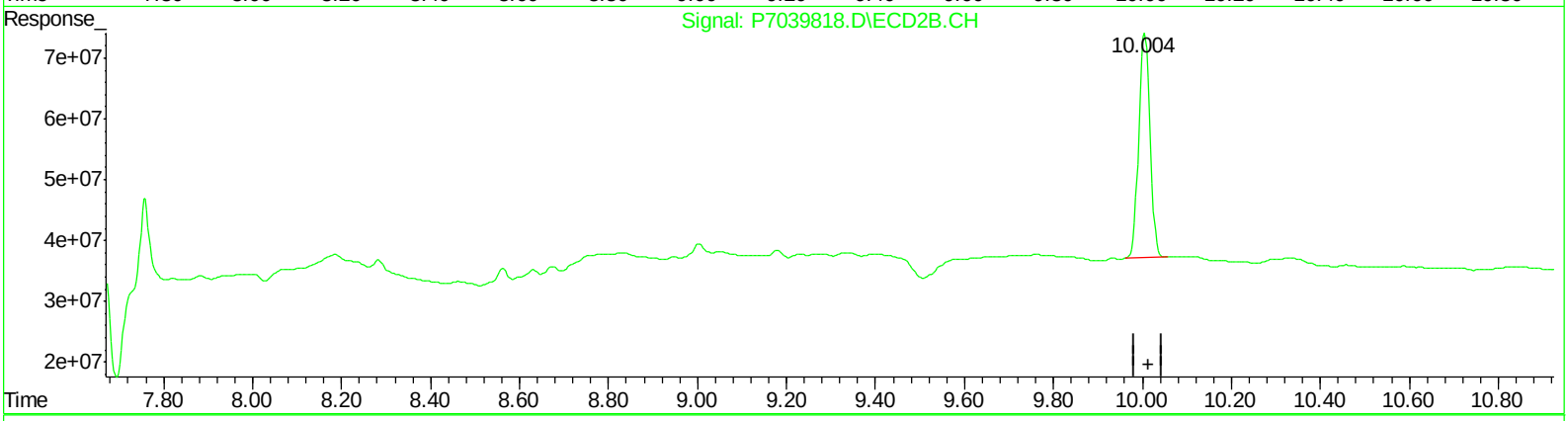
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:57
Operator : JJ
Sample : A3816-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:01:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 12.229 ng/ml m

response 587810599

(22) Decachlorobiphenyl #2 (SA)

10.006min 12.941 ng/ml

response 654375134

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 20:57
Operator : JJ
Sample : A3816-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:02:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	762.2E6	1441.8E6	17.118	17.033
22)	SA Decachlor...	8.690	10.006	587.8E6	654.4E6	12.229m	12.941
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039819.D

% Moisture: 14 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

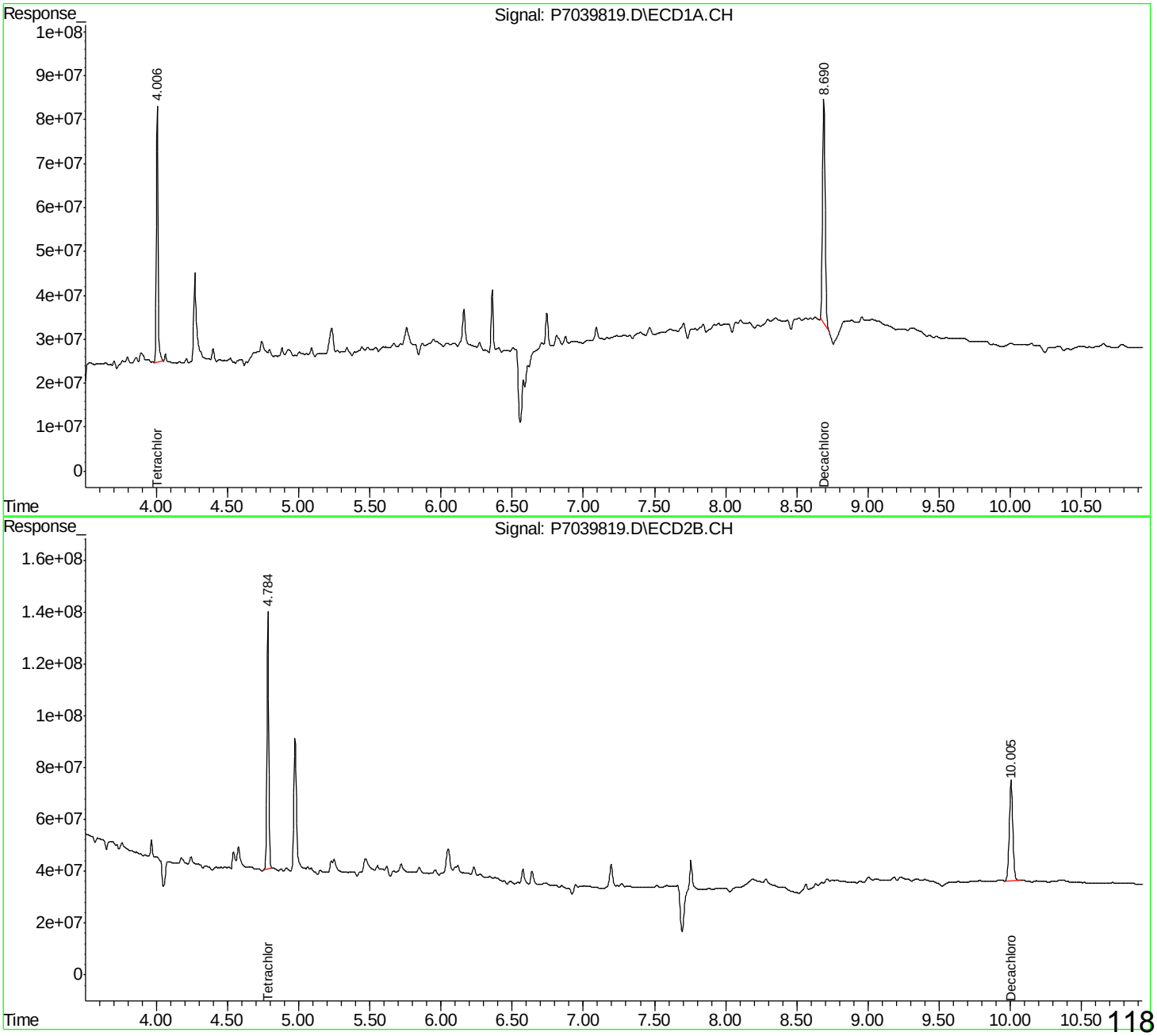
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 21:12
Operator : JJ
Sample : A3816-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:11 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

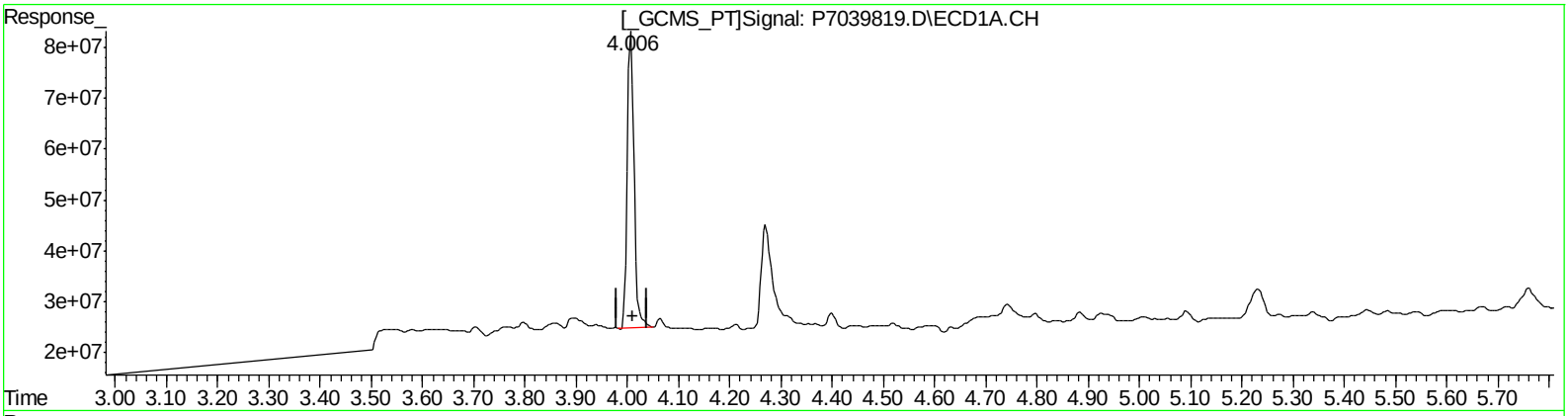


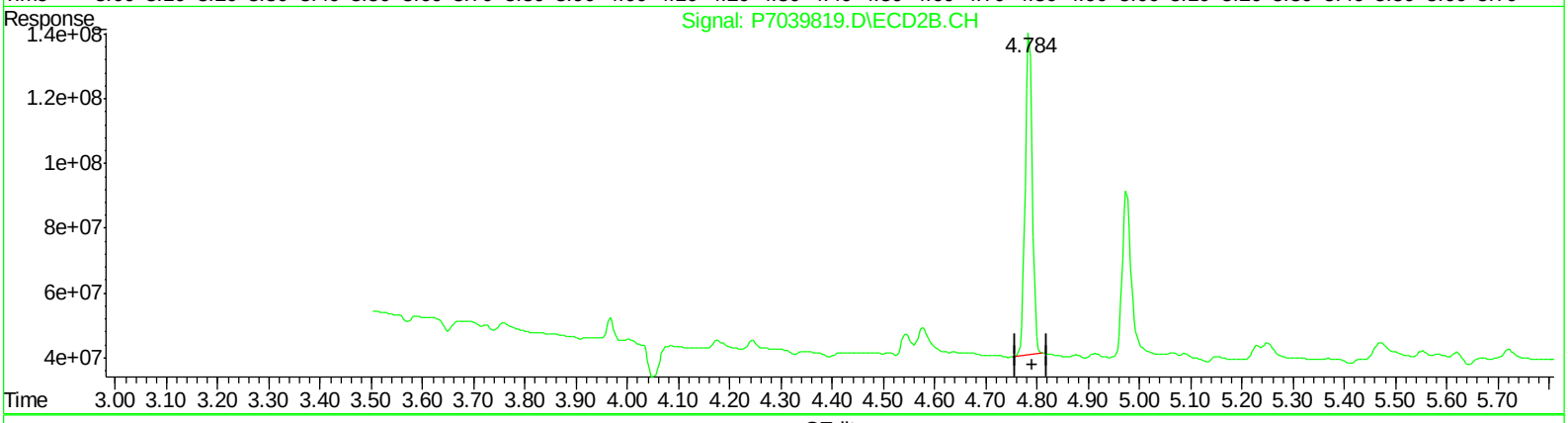
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:12
Operator : JJ
Sample   : A3816-21
Misc   :
ALS Vial : 36   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:03:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 11.647 ng/ml

response 518621786

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 11.559 ng/ml

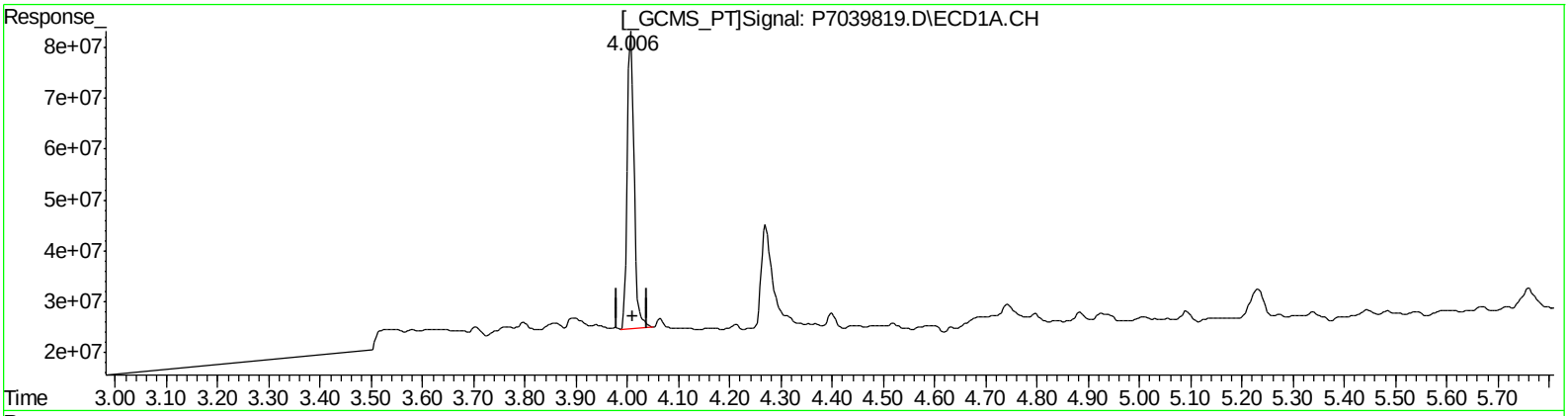
response 978442607

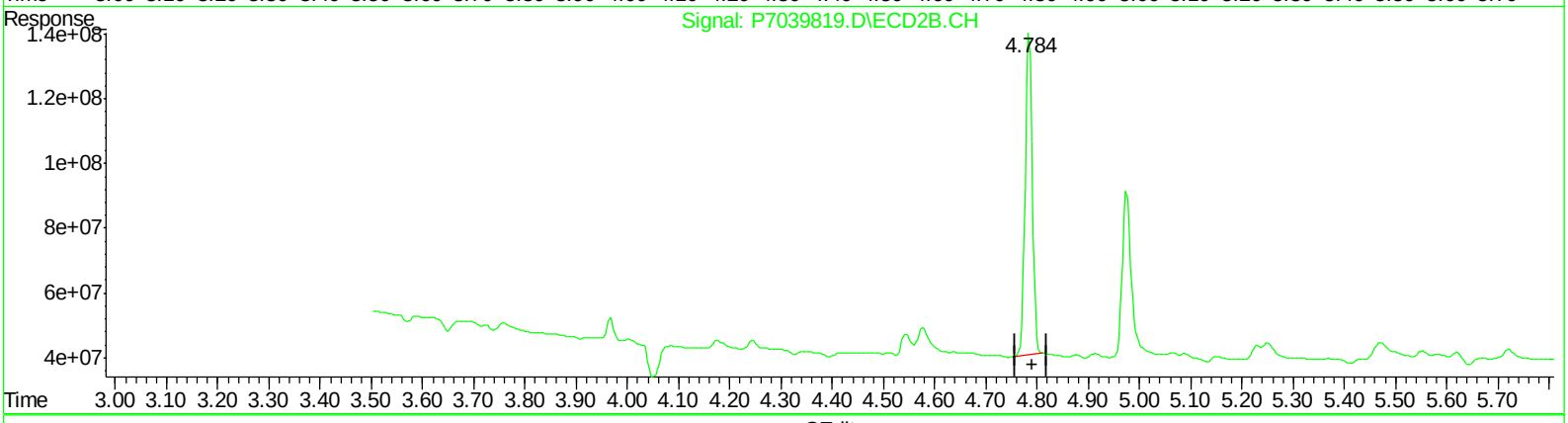
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:12
Operator : JJ
Sample   : A3816-21
Misc   :
ALS Vial : 36   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:03:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 11.779 ng/ml m

response 524487559

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 11.559 ng/ml

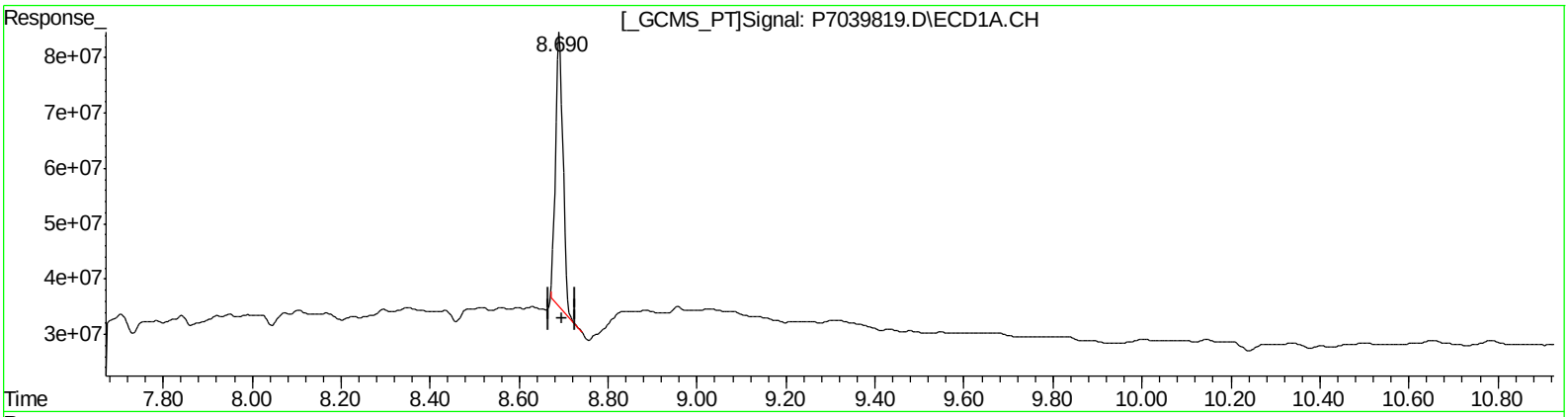
response 978442607

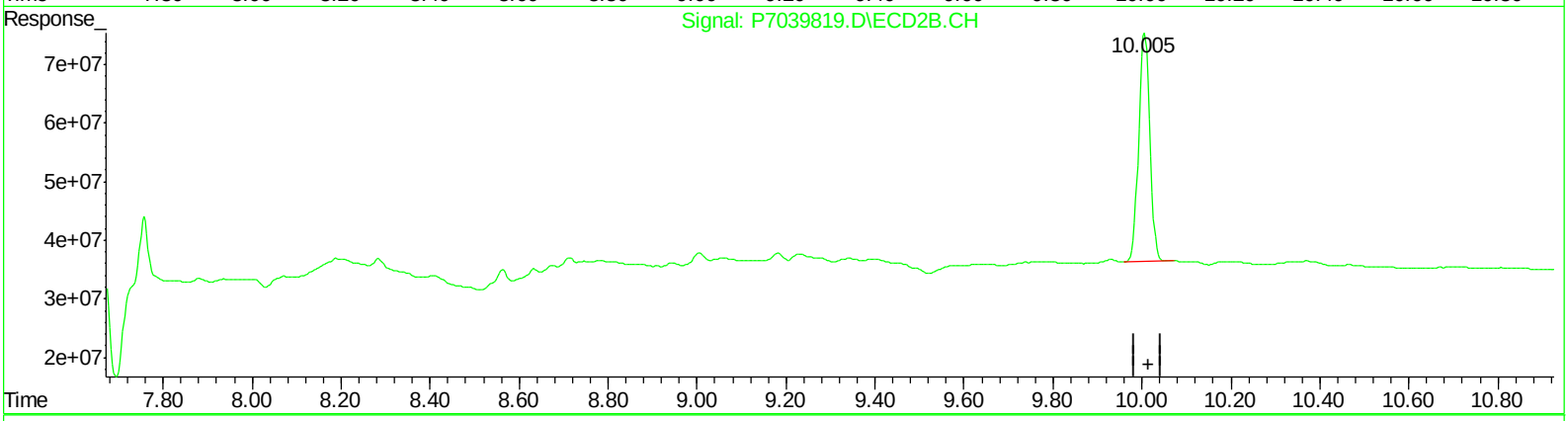
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:12
Operator : JJ
Sample   : A3816-21
Misc   :
ALS Vial : 36   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:03:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 12.099 ng/ml

response 581581640

(22) Decachlorobiphenyl #2 (SA)

10.006min 13.586 ng/ml

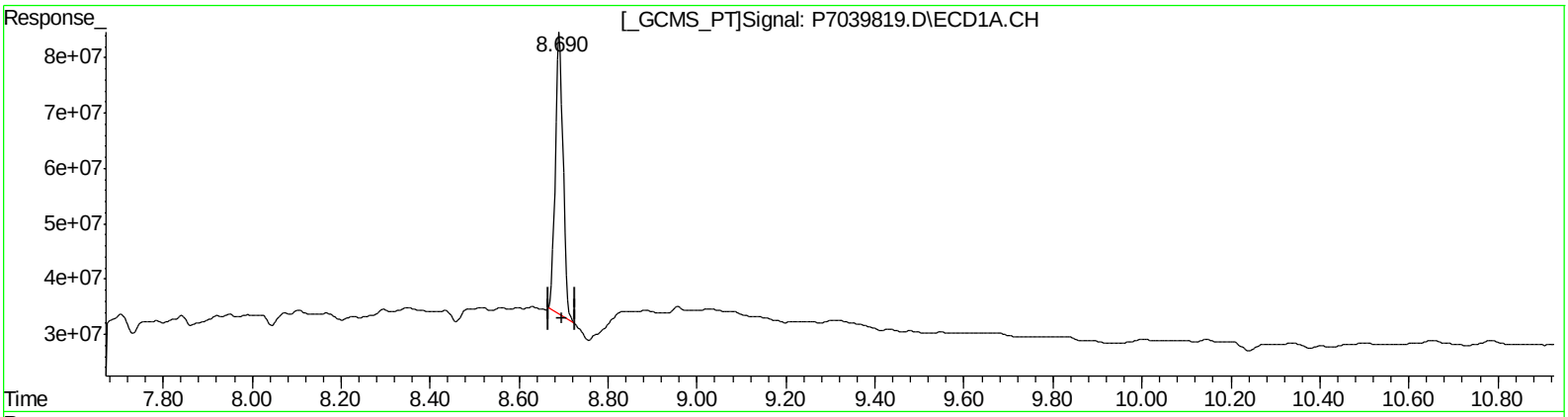
response 686996012

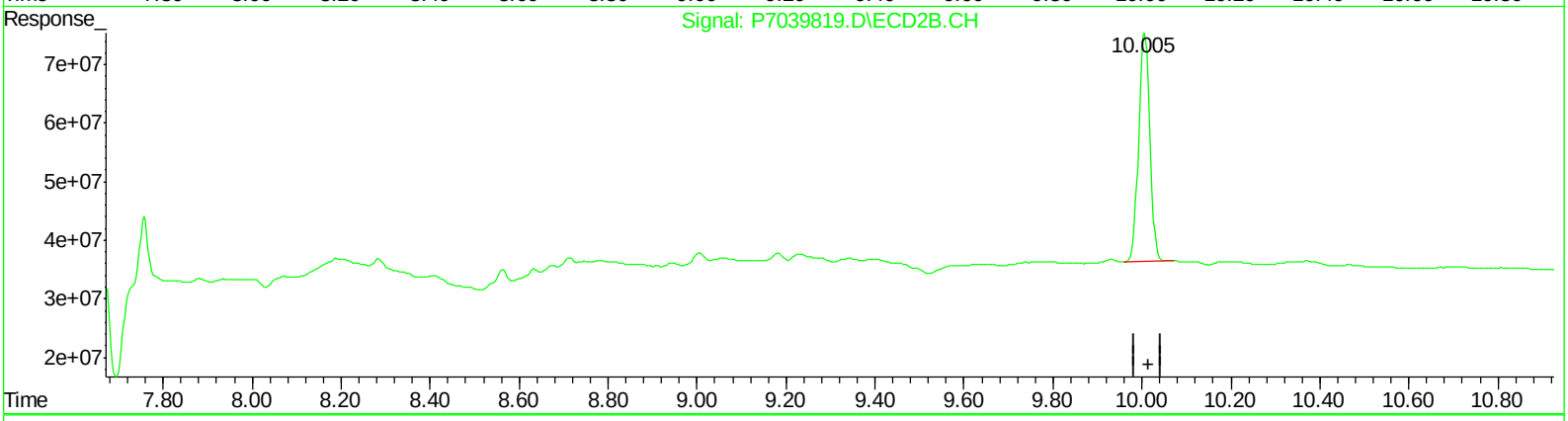
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:12
Operator : JJ
Sample   : A3816-21
Misc   :
ALS Vial : 36   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:03:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 12.907 ng/ml m

response 620400548

(22) Decachlorobiphenyl #2 (SA)

10.006min 13.586 ng/ml

response 686996012

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039819.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 21:12
Operator : JJ
Sample : A3816-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:11 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.785	524.5E6	978.4E6	11.779m	11.559
22)	SA Decachlor...	8.690	10.006	620.4E6	687.0E6	12.907m	13.586
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039820.D

% Moisture: 22 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

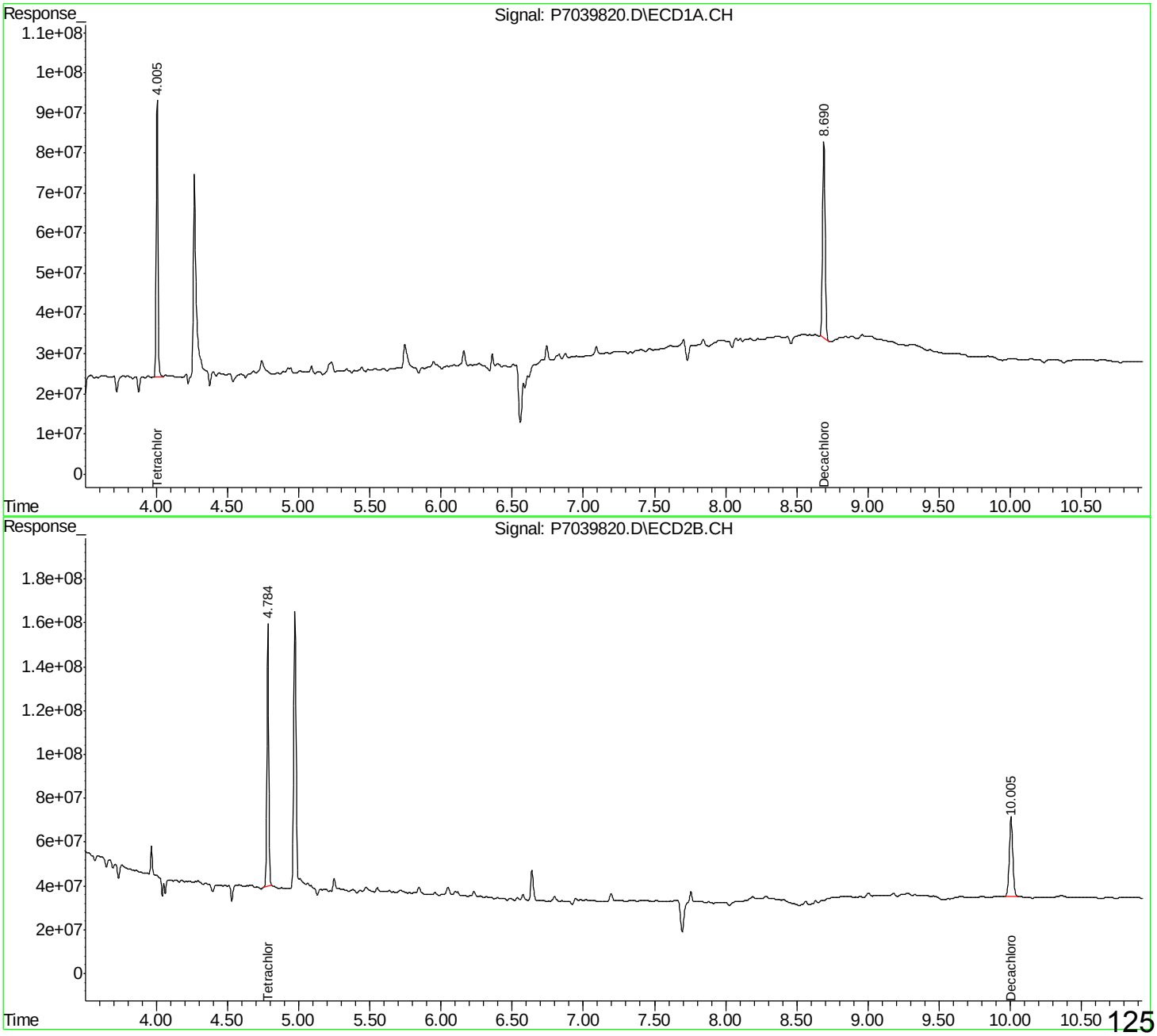
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 21:26
Operator : JJ
Sample : A3816-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:09:39 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

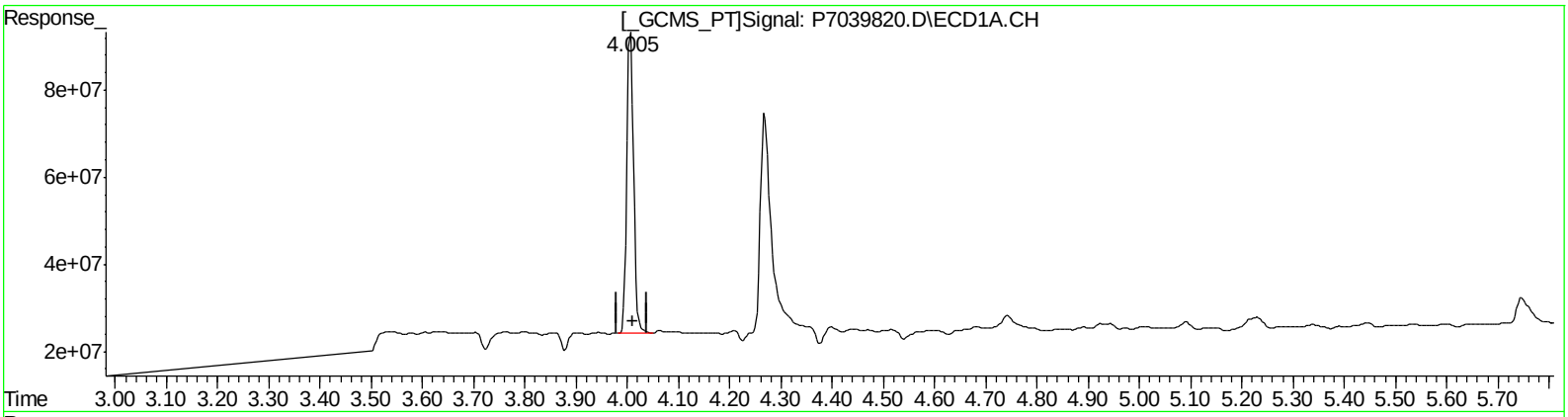


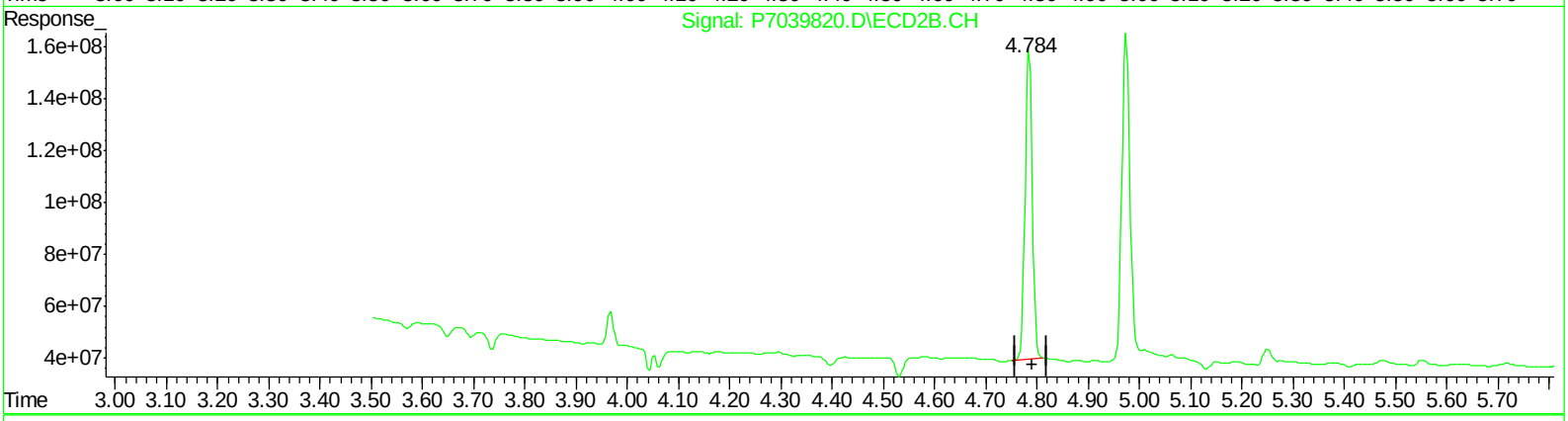
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:26
Operator : JJ
Sample   : A3816-22
Misc   :
ALS Vial : 37   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 13.916 ng/ml

response 619652417

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 13.920 ng/ml

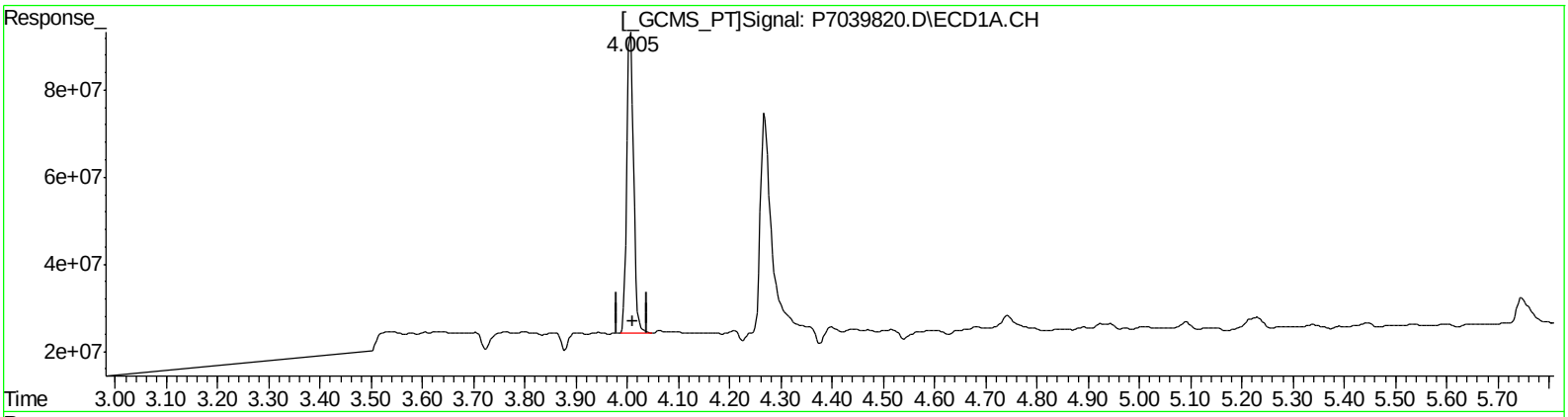
response 1178266178

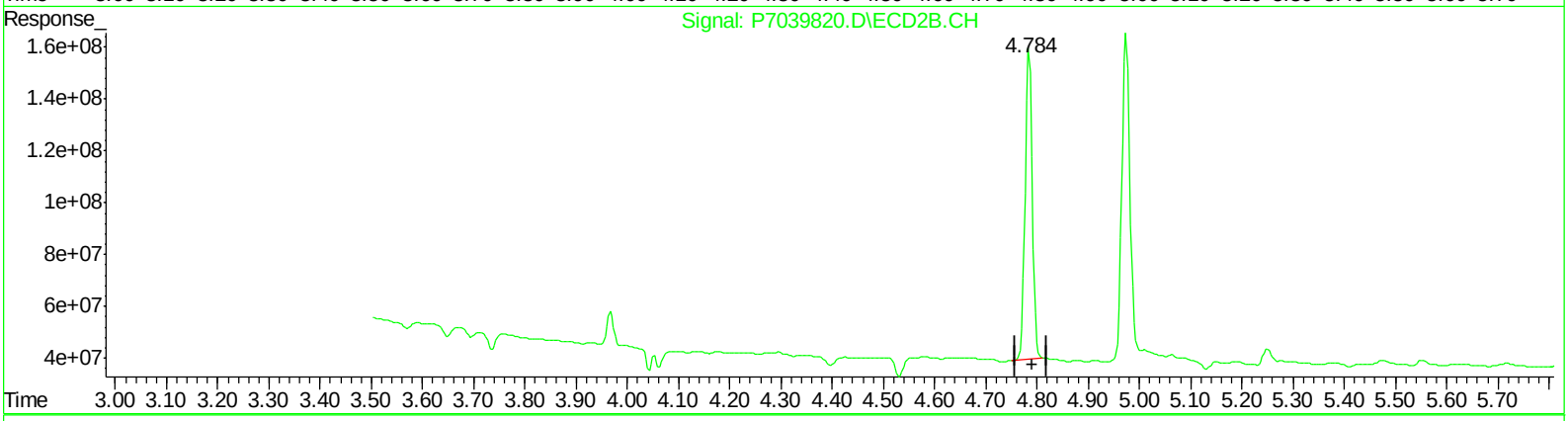
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:26
Operator : JJ
Sample   : A3816-22
Misc   :
ALS Vial : 37   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.005min 13.922 ng/ml m

response 619911849

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 13.920 ng/ml

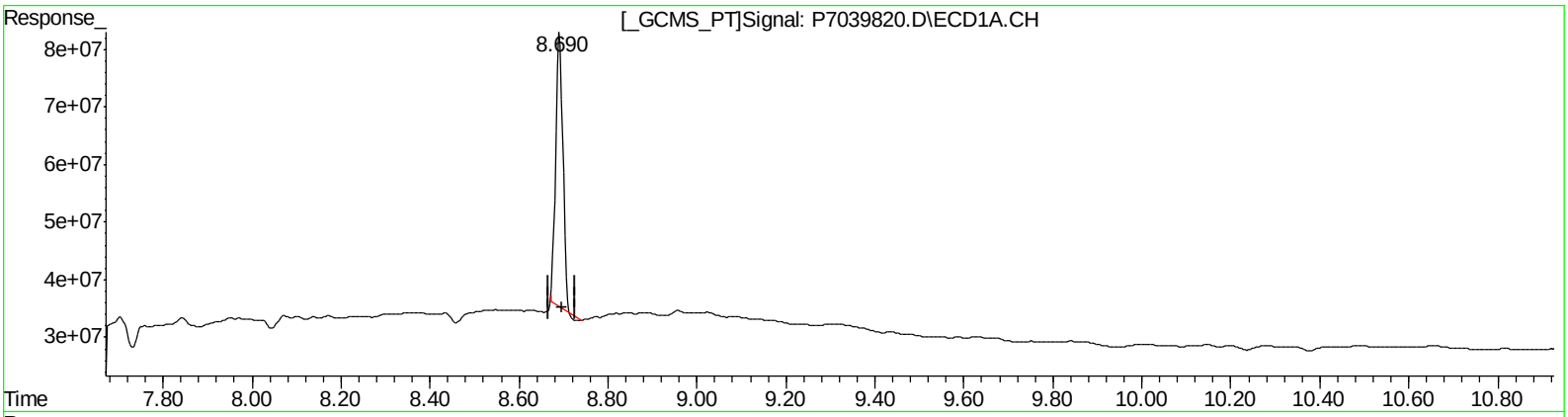
response 1178266178

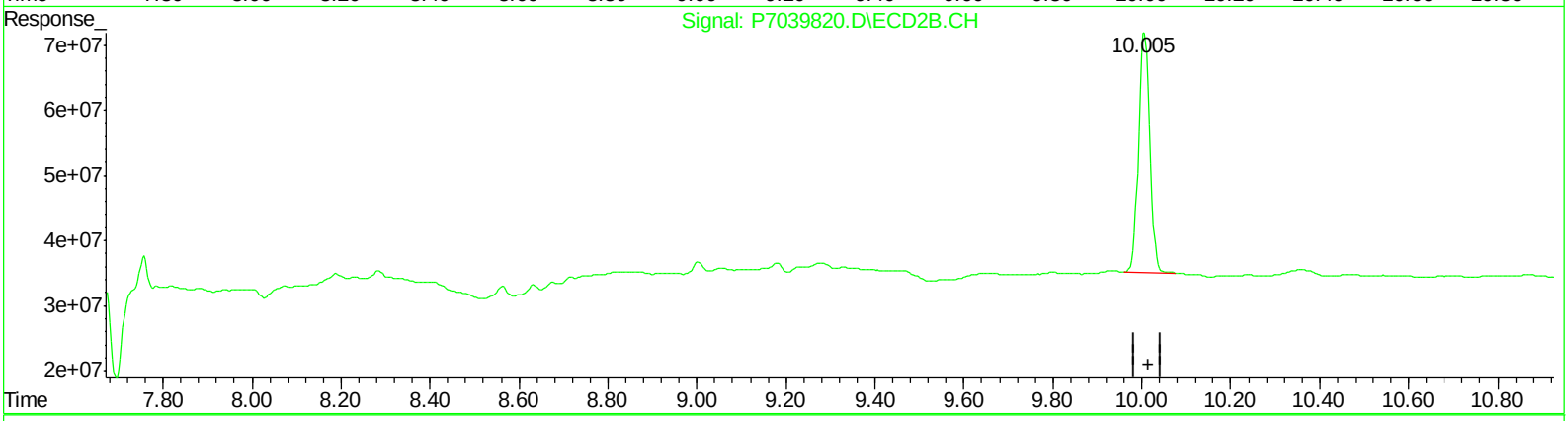
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:26
Operator : JJ
Sample   : A3816-22
Misc   :
ALS Vial : 37   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 11.114 ng/ml

response 534222382

(22) Decachlorobiphenyl #2 (SA)

10.006min 12.816 ng/ml

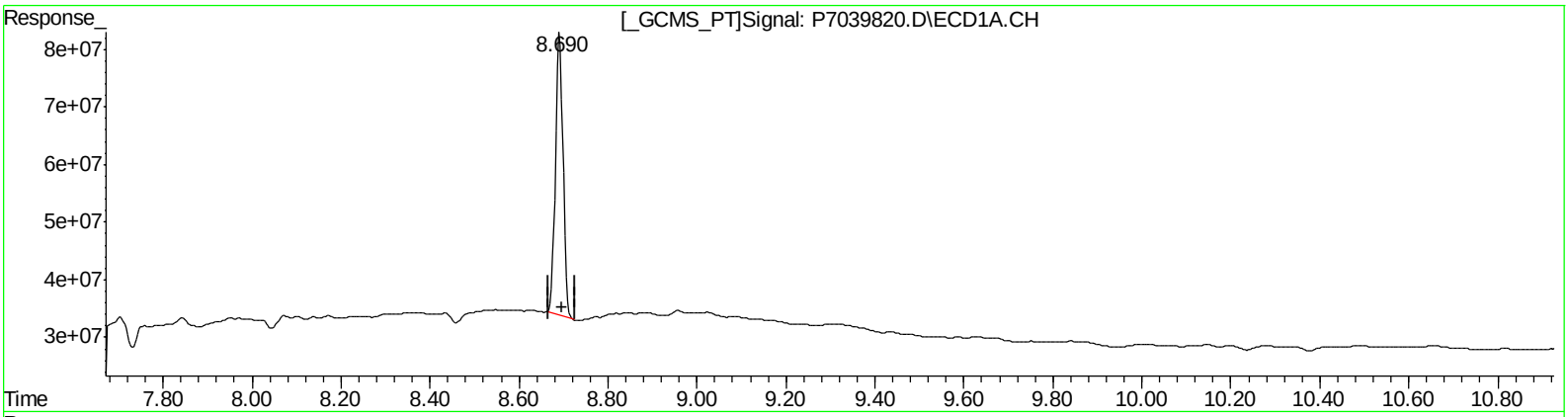
response 648025248

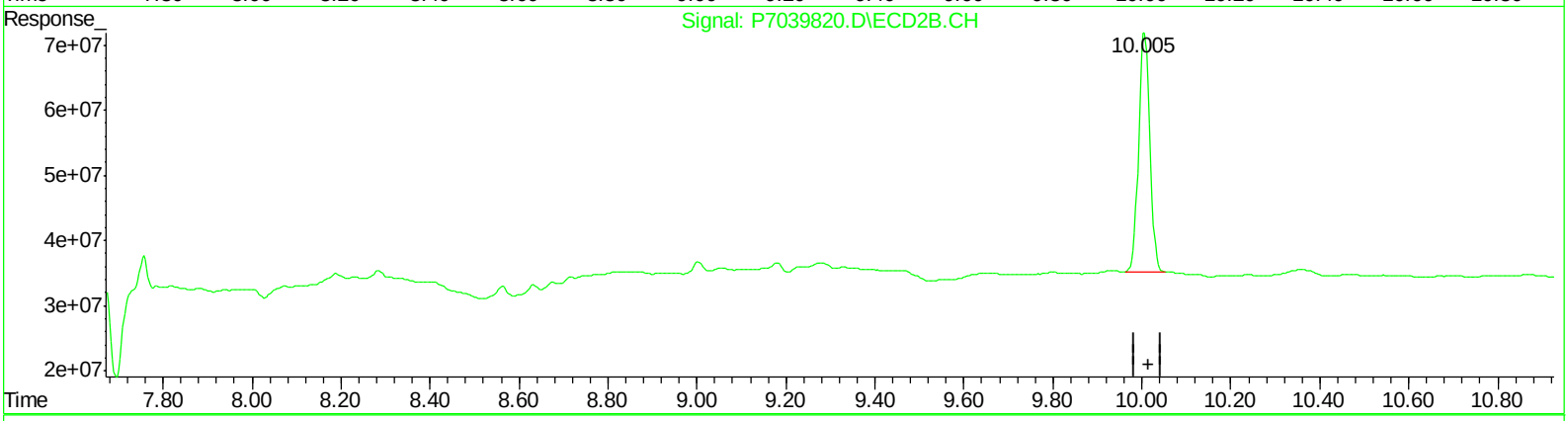
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 21:26
Operator : JJ
Sample   : A3816-22
Misc   :
ALS Vial : 37   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:06:53 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 12.241 ng/ml m

response 588400828

(22) Decachlorobiphenyl #2 (SA)

10.005min 12.756 ng/ml m

response 645021741

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039820.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 21:26
Operator : JJ
Sample : A3816-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:09:39 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.005	4.785	619.9E6	1178.3E6	13.922m	13.920
22)	SA Decachlor...	8.690	10.005	588.4E6	645.0E6	12.241m	12.756m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB CALIBRATION DATA

Pesticide-TCL

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD7 Calibration Date(s): 7/17/2009 7/17/2009

Calibration Times: 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT005 = P7038828.D RT025 = P7038827.D

RT050 = P7038826.D RT075 = P7038825.D RT100 = P7038824.D

COMPOUND	RT005	RT025	RT050	RT075	RT100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
alpha-BHC	4.45	4.45	4.45	4.45	4.45	4.45	4.40	4.50
beta-BHC	4.98	4.98	4.98	4.98	4.98	4.98	4.93	5.03
delta-BHC	5.18	5.18	5.18	5.18	5.18	5.18	5.13	5.23
gamma-BHC (Lindane)	4.73	4.73	4.73	4.73	4.73	4.73	4.68	4.78
Heptachlor	5.02	5.02	5.02	5.02	5.02	5.02	4.97	5.07
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.21	5.31
Heptachlor epoxide	5.70	5.70	5.70	5.70	5.70	5.70	5.63	5.77
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.96	6.10
Dieldrin	6.26	6.26	6.26	6.26	6.26	6.26	6.19	6.33
4,4'-DDE	6.14	6.14	6.14	6.14	6.14	6.14	6.07	6.21
Endrin	6.52	6.52	6.52	6.52	6.52	6.52	6.45	6.59
Endosulfan II	6.79	6.79	6.79	6.79	6.79	6.79	6.72	6.86
4,4'-DDD	6.65	6.65	6.65	6.65	6.65	6.65	6.58	6.72
Endosulfan sulfate	7.17	7.16	7.16	7.16	7.16	7.17	7.10	7.24
4,4'-DDT	6.89	6.89	6.89	6.89	6.89	6.89	6.82	6.96
Methoxychlor	7.44	7.43	7.43	7.43	7.43	7.44	7.37	7.51
Endrin ketone	7.65	7.65	7.65	7.65	7.65	7.65	7.58	7.72
Endrin aldehyde	6.96	6.96	6.96	6.96	6.96	6.96	6.89	7.03
alpha-Chlordane	5.97	5.97	5.97	5.97	5.97	5.97	5.90	6.04
gamma-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.85	5.99

Pesticide-TCL

RETENTION TIMES OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD7 Calibration Date(s): 7/17/2009 7/17/2009

Calibration Times: 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT005 = P7038828.D RT025 = P7038827.D

RT050 = P7038826.D RT075 = P7038825.D RT100 = P7038824.D

COMPOUND	RT005	RT025	RT050	RT075	RT100	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	10.02	10.01	10.01	10.01	10.01	10.01	9.91	10.11
Tetrachloro-m-xylene	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
alpha-BHC	5.19	5.19	5.19	5.19	5.19	5.19	5.14	5.24
beta-BHC	5.65	5.65	5.65	5.65	5.65	5.65	5.60	5.70
delta-BHC	5.87	5.87	5.87	5.87	5.87	5.87	5.82	5.92
gamma-BHC (Lindane)	5.48	5.48	5.48	5.48	5.48	5.48	5.43	5.53
Heptachlor	6.01	6.01	6.01	6.01	6.01	6.01	5.96	6.06
Aldrin	6.32	6.32	6.32	6.32	6.33	6.33	6.28	6.38
Heptachlor epoxide	6.71	6.71	6.71	6.71	6.71	6.71	6.64	6.78
Endosulfan I	7.08	7.08	7.08	7.08	7.08	7.08	7.01	7.15
Dieldrin	7.34	7.34	7.34	7.34	7.34	7.34	7.27	7.41
4,4'-DDE	7.18	7.18	7.18	7.18	7.18	7.18	7.11	7.25
Endrin	7.56	7.56	7.56	7.56	7.56	7.56	7.49	7.63
Endosulfan II	7.76	7.76	7.76	7.76	7.76	7.76	7.69	7.83
4,4'-DDD	7.67	7.67	7.67	7.67	7.67	7.67	7.60	7.74
Endosulfan sulfate	8.11	8.11	8.11	8.11	8.11	8.11	8.04	8.18
4,4'-DDT	7.97	7.97	7.97	7.97	7.97	7.97	7.90	8.04
Methoxychlor	8.42	8.42	8.42	8.42	8.42	8.42	8.35	8.49
Endrin ketone	8.59	8.59	8.59	8.59	8.59	8.58	8.51	8.65
Endrin aldehyde	7.88	7.89	7.88	7.88	7.88	7.88	7.81	7.95
alpha-Chlordane	7.03	7.03	7.03	7.03	7.03	7.03	6.96	7.10
gamma-Chlordane	6.95	6.95	6.95	6.95	6.95	6.95	6.88	7.02

Pesticide-TCL

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD7 Calibration Date(s): 7/17/2009 7/17/2009

Calibration Times: 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: CF005 = P7038828.D CF025 = P7038827.D

CF050 = P7038826.D CF075 = P7038825.D CF100 = P7038824.

COMPOUND	CF005	CF025	CF050	CF075	CF100	$\overline{CF}$	% RSD
Decachlorobiphenyl	49344475600	46700632440	48525224240	47446972387	48323963170	48068253567	2
Tetrachloro-m-xylene	44516449800	43391269240	45105588940	44477098560	45150090600	44528099428	2
alpha-BHC	71452897200	72486044280	77084249400	76518310640	78539318720	75216164048	4
beta-BHC	26149406000	25729924200	26661695880	25786215560	26537214300	26172891188	2
delta-BHC	64374843800	64895171640	69805904680	69181875707	71399794670	67931518099	5
gamma-BHC (Lindane)	67259299800	65532735640	69828121300	69071900853	71022724750	68542956469	3
Heptachlor	52996698800	56261531320	60071621040	57781646000	60456491990	57513597830	5
Aldrin	67581911600	66785177440	69813428820	68311786413	69462330490	68390926953	2
Heptachlor epoxide	65195066000	62601809760	64340784380	62199702080	62587316700	63384935784	2
Endosulfan I	63098339200	61264659600	63197012380	60837786507	61430042580	61965568053	2
Dieldrin	71535771800	70353112600	73215723860	71116389400	71782206190	71600640770	1
4,4'-DDE	66504134600	65068076640	68401449560	66930136560	68377031180	67056165708	2
Endrin	57254661000	55611938680	58447627880	56322968547	56981631300	56923765481	2
Endosulfan II	63854875600	61675334080	63758387880	61676744013	62174499670	62627968249	2
4,4'-DDD	59885387200	58148914880	60889210240	59387100813	60323607540	59726844135	2
Endosulfan sulfate	46870768400	44918394480	47351057500	46174763333	46839903700	46430977483	2
4,4'-DDT	29158689800	43945500120	51343169060	51846772667	54113975960	46081621521	22
Methoxychlor	20639346400	24350187040	26366811680	25528914747	25779080850	24532868143	9
Endrin ketone	60552656000	61592735680	64447995500	62354223827	62726966510	62334915503	2
Endrin aldehyde	52792328200	49868388440	50667527180	49280917520	49450018240	50411835916	3
alpha-Chlordane	67959385800	64904910480	68012126460	66501984373	67960880720	67067857567	2
gamma-Chlordane	68325810800	66849098480	70487554140	69099547120	70708005860	69094003280	2

Pesticide-TCL

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: C.T. Male & Associa

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Instrument ID: ECD7 Calibration Date(s): 7/17/2009 7/17/2009

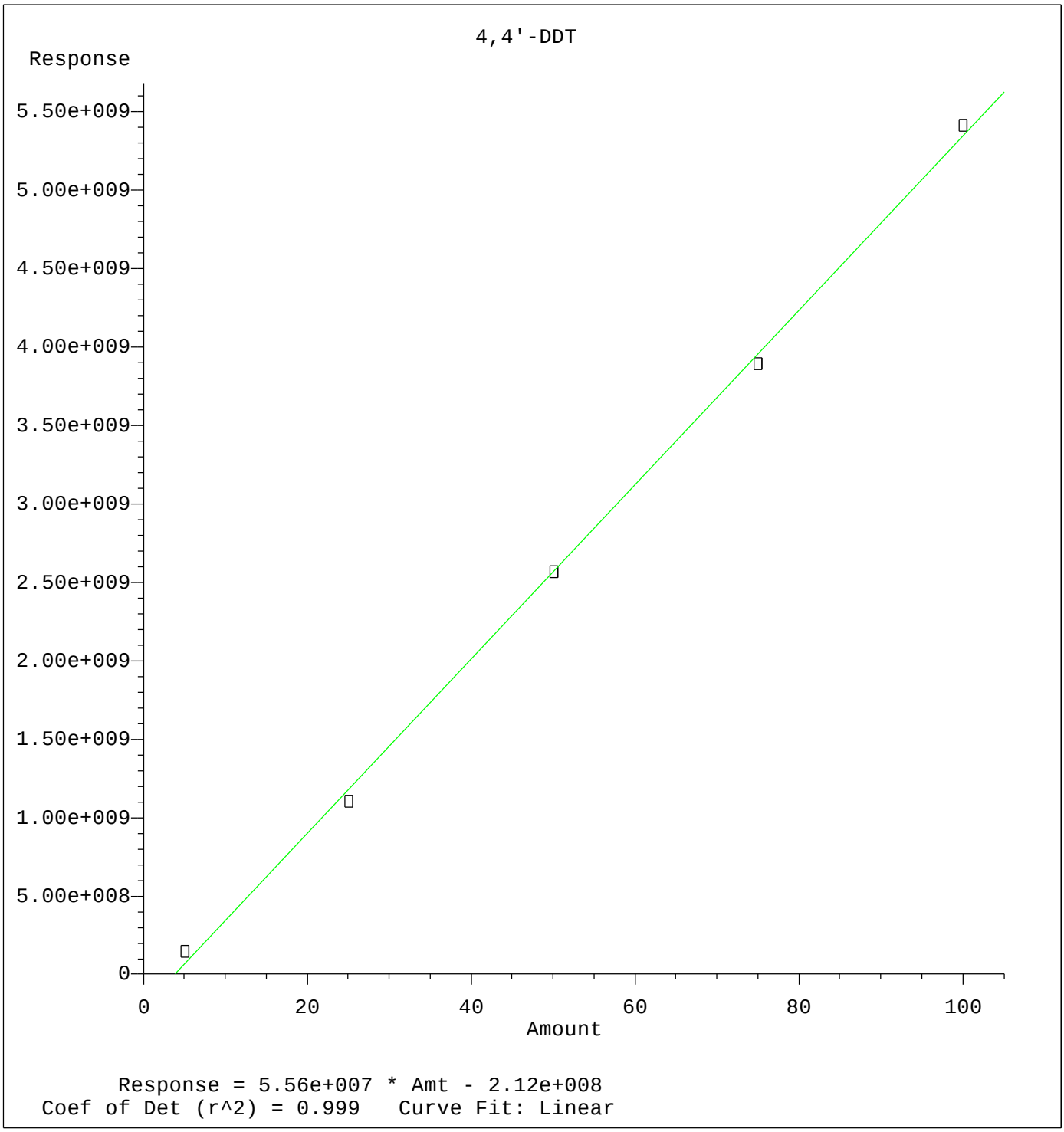
Calibration Times: 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: CF005 = P7038828.D CF025 = P7038827.D

CF050 = P7038826.D CF075 = P7038825.D CF100 = P7038824.

COMPOUND	CF005	CF025	CF050	CF075	CF100	$\overline{CF}$	% RSD
Decachlorobiphenyl	53683559800	49837365800	50639155280	49120175987	49543709460	50564793265	4
Tetrachloro-m-xylene	87417050200	83481999440	85584602860	83066410093	83681166420	84646245803	2
alpha-BHC	126684235800	126920215680	13304463032	12988792126	13215954950	129739310513	2
beta-BHC	44494278200	43024706480	44664402000	43132747373	43553164470	43773859705	2
delta-BHC	108135060200	106831834160	11306622498	11037109490	11228734732	110138312313	2
gamma-BHC (Lindane)	109031811400	111128179000	11681242274	11397634742	11584675576	113359103265	3
Heptachlor	94305294600	93192833560	97732171000	94625590987	95488083590	95068794747	2
Aldrin	108211270400	103198068280	10556785102	10151796585	10166658284	104032347679	3
Heptachlor epoxide	99816177200	92088782400	93548178000	89122482667	88624268630	92639977779	5
Endosulfan I	90350559200	84875935880	86308888820	82371712600	81965937280	85174606756	4
Dieldrin	93166808400	90403365640	93000311000	89537855760	89761264820	91173921124	2
4,4'-DDE	89722409400	87259656720	90402838260	87594704293	88168831640	88629688063	2
Endrin	65380440600	65186130800	67898724140	64582864680	66458762820	65901384608	2
Endosulfan II	76817969800	73352669400	75174336380	72392555560	72462720560	74040050340	3
4,4'-DDD	75429781600	71694890520	73579901200	71008583813	71134281400	72569487707	3
Endosulfan sulfate	63994427400	63210623520	66414202700	65010019240	65801918270	64886238226	2
4,4'-DDT	35241229800	49658796440	57134222160	57136900867	59051818580	51644593569	19
Methoxychlor	23834617000	26518592360	28224305980	27499042373	27748378350	26764987213	7
Endrin ketone	58120303800	58912377080	62042142020	60279562027	60851890830	60041255151	3
Endrin aldehyde	65558639800	60835775160	61317157120	59230918960	59057054750	61199909158	4
alpha-Chlordane	95457515800	90187318320	93091439620	90077729360	90730184360	91908837492	3
gamma-Chlordane	101126927000	94179995320	97162601000	94057699813	95029332840	96311311195	3



Method Name: P:\HPCHEM1\Ecd_7\Method\P7071709.M
Calibration Table Last Updated: Fri Jul 17 14:29:08 2009

Pesticide-TCL

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Instrument ID: ECD7 **Date(s) Analyzed:** 7/17/2009 7/17/2009

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.5000	1	6.80	6.75	6.85	1349941632
		2	7.25	7.20	7.30	1173615872
		3	7.62	7.57	7.67	944449344
		4	7.85	7.80	7.90	1902589184
		5	7.98	7.93	8.03	685055296

Pesticide-TCL

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

Instrument ID: ECD7 **Date(s) Analyzed:** _____ _____

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.5000	1	7.51	7.45	7.56	1539147392
		2	8.11	8.06	8.16	2667673856
		3	8.20	8.15	8.25	2065985920
		4	8.67	8.62	8.72	823944384
		5	8.87	8.82	8.92	1405638400

Chromatographic Resolution Report

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038823.D
Acq On : 17 Jul 2009 12:52
Operator : JJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Title : GC Extractables
Last Update : Fri Jul 17 14:29:08 2009
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

RT#1	RT#2	Resolution
4.010	5.916	100.00%
5.916	6.026	100.00%
6.026	6.143	100.00%
6.143	6.264	100.00%
6.264	7.166	100.00%
7.166	7.436	100.00%
7.436	7.653	100.00%
7.653	8.698	100.00%

Signal #2

4.789	6.951	100.00%
6.951	7.076	100.00%
7.076	7.174	100.00%
7.174	7.335	100.00%
7.335	8.108	100.00%
8.108	8.419	100.00%
8.419	8.585	100.00%
8.585	10.015	100.00%

P7071709.M Sat Jul 18 09:45:56 2009 GC

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/200 7/17/200

Client Sample No. PEM01 **Date Analyzed:** 7/17/2009

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:37

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.010	3.910	4.110	0.021	0.020	5.0
alpha-BHC	4.451	4.400	4.500	0.009	0.010	10.0
gamma-BHC (Lindane)	4.731	4.680	4.780	0.009	0.010	10.0
beta-BHC	4.978	4.930	5.030	0.010	0.010	0.0
Endrin	6.519	6.450	6.590	0.049	0.050	2.0
4,4'-DDT	6.887	6.820	6.960	0.106	0.100	6.0
Methoxychlor	7.436	7.370	7.510	0.251	0.250	0.4
Decachlorobiphenyl	8.698	8.600	8.800	0.020	0.020	0.0

Client Sample No. PEM01 **Date Analyzed:** 7/17/2009

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:37

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.789	4.690	4.890	0.020	0.020	0.0
alpha-BHC	5.188	5.140	5.240	0.010	0.010	0.0
gamma-BHC (Lindane)	5.481	5.430	5.530	0.010	0.010	0.0
beta-BHC	5.645	5.600	5.700	0.010	0.010	0.0
Endrin	7.556	7.490	7.630	0.048	0.050	4.0
4,4'-DDT	7.969	7.900	8.040	0.119	0.100	19.0
Methoxychlor	8.420	8.350	8.490	0.255	0.250	2.0
Decachlorobiphenyl	10.015	9.910	10.110	0.020	0.020	0.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 7/17/200 7/17/200

Client Sample No. PEM02 Date Analyzed: 8/10/2009

Lab Sample No.(PEM): PEM Time Analyzed: 15:50

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.007	3.910	4.110	0.024	0.020	20.0
alpha-BHC	4.446	4.400	4.500	0.010	0.010	0.0
gamma-BHC (Lindane)	4.727	4.680	4.780	0.011	0.010	10.0
beta-BHC	4.976	4.930	5.030	0.012	0.010	20.0
Endrin	6.515	6.450	6.590	0.055	0.050	10.0
4,4'-DDT	6.882	6.820	6.960	0.124	0.100	24.0
Methoxychlor	7.431	7.370	7.510	0.288	0.250	15.2
Decachlorobiphenyl	8.693	8.600	8.800	0.024	0.020	20.0

Client Sample No. PEM02 Date Analyzed: 8/10/2009

Lab Sample No.(PEM): PEM Time Analyzed: 15:50

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.784	4.690	4.890	0.024	0.020	20.0
alpha-BHC	5.183	5.140	5.240	0.012	0.010	20.0
gamma-BHC (Lindane)	5.476	5.430	5.530	0.012	0.010	20.0
beta-BHC	5.641	5.600	5.700	0.012	0.010	20.0
Endrin	7.550	7.490	7.630	0.052	0.050	4.0
4,4'-DDT	7.963	7.900	8.040	0.128	0.100	28.0
Methoxychlor	8.414	8.350	8.490	0.271	0.250	8.4
Decachlorobiphenyl	10.006	9.910	10.110	0.023	0.020	15.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 7/17/200 7/17/200

Client Sample No. PEM03 Date Analyzed: 8/11/2009

Lab Sample No.(PEM): PEM Time Analyzed: 10:46

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.006	3.910	4.110	0.023	0.020	15.0
alpha-BHC	4.446	4.400	4.500	0.010	0.010	0.0
gamma-BHC (Lindane)	4.727	4.680	4.780	0.011	0.010	10.0
beta-BHC	4.975	4.930	5.030	0.012	0.010	20.0
Endrin	6.514	6.450	6.590	0.052	0.050	4.0
4,4'-DDT	6.881	6.820	6.960	0.116	0.100	16.0
Methoxychlor	7.430	7.370	7.510	0.282	0.250	12.8
Decachlorobiphenyl	8.691	8.600	8.800	0.025	0.020	25.0

Client Sample No. PEM03 Date Analyzed: 8/11/2009

Lab Sample No.(PEM): PEM Time Analyzed: 10:46

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.786	4.690	4.890	0.024	0.020	20.0
alpha-BHC	5.184	5.140	5.240	0.011	0.010	10.0
gamma-BHC (Lindane)	5.477	5.430	5.530	0.011	0.010	10.0
beta-BHC	5.643	5.600	5.700	0.012	0.010	20.0
Endrin	7.551	7.490	7.630	0.053	0.050	6.0
4,4'-DDT	7.965	7.900	8.040	0.133	0.100	33.0
Methoxychlor	8.416	8.350	8.490	0.283	0.250	13.2
Decachlorobiphenyl	10.007	9.910	10.110	0.024	0.020	20.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 7/17/200 7/17/200

Client Sample No. PEM04 Date Analyzed: 8/12/2009

Lab Sample No.(PEM): PEM Time Analyzed: 18:36

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.008	3.910	4.110	0.022	0.020	10.0
alpha-BHC	4.446	4.400	4.500	0.010	0.010	0.0
gamma-BHC (Lindane)	4.728	4.680	4.780	0.011	0.010	10.0
beta-BHC	4.976	4.930	5.030	0.012	0.010	20.0
Endrin	6.514	6.450	6.590	0.051	0.050	2.0
4,4'-DDT	6.882	6.820	6.960	0.110	0.100	10.0
Methoxychlor	7.431	7.370	7.510	0.264	0.250	5.6
Decachlorobiphenyl	8.691	8.600	8.800	0.022	0.020	10.0

Client Sample No. PEM04 Date Analyzed: 8/12/2009

Lab Sample No.(PEM): PEM Time Analyzed: 18:36

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Tetrachloro-m-xylene	4.785	4.690	4.890	0.023	0.020	15.0
alpha-BHC	5.183	5.140	5.240	0.011	0.010	10.0
gamma-BHC (Lindane)	5.477	5.430	5.530	0.011	0.010	10.0
beta-BHC	5.643	5.600	5.700	0.011	0.010	10.0
Endrin	7.552	7.490	7.630	0.047	0.050	6.0
4,4'-DDT	7.963	7.900	8.040	0.112	0.100	12.0
Methoxychlor	8.415	8.350	8.490	0.256	0.250	2.4
Decachlorobiphenyl	10.007	9.910	10.110	0.022	0.020	10.0

Endrin And DDT BreakdownP7038822		
Date: 07/23/09		
Name:MITESH		

DDT	DDD	DDE	SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown of DDT Column 1	% Breakdown of DDT Column 2
Column 1						
5.67E+09	1.25E+08	9.99E+07	224665944	5891065944	3.81	4.27
Column 2						
6.14E+09	1.39E+08	1.35E+08	273600000	6413500000		

Endrin	Endrin Ketone	Endrin Ald	SUM (B+C)	SUM (A+B+C)	% Breakdown of Endrin Column 1	% Breakdown of Endrin Column 2
Column 1						
2.79E+09	1.93E+08	7.98E+07	272349204	3062249204	8.89	7.57
Column 2						
3.17E+09	1.71E+08	8.87E+07	259955667	3434455667		

Endrin And DDT BreakdownP7039747		
Date: 08/11/09		
Name:MITESH		

DDT	DDD	DDE	SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown of DDT Column 1	% Breakdown of DDT Column 2
Column 1						
6.24E+09	3.47E+07	9.55E+07	130173767	6369373767	2.04	2.88
Column 2						
6.89E+09	8.43E+07	1.20E+08	204462969	7091162969		

Endrin	Endrin Ketone	Endrin Ald	SUM (B+C)	SUM (A+B+C)	% Breakdown of Endrin Column 1	% Breakdown of Endrin Column 2
Column 1						
2.94E+09	1.93E+08	8.89E+07	282052360	3225352360	8.74	7.04
Column 2						
3.48E+09	1.70E+08	9.38E+07	263839649	3746539649		

Endrin And DDT Breakdown P7039713		
Date: 08/10/09		
Name:kartik		

DDT	DDD	DDE	SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown of DDT Column 1	% Breakdown of DDT Column 2
Column 1						
6.69E+09	4.91E+07	4.30E+07	92199148	6783999148	1.36	1.99
Column 2						
6.59E+09	6.54E+07	6.82E+07	133576234	6721276234		

Endrin	Endrin Ketone	Endrin Ald	SUM (B+C)	SUM (A+B+C)	% Breakdown of Endrin Column 1	% Breakdown of Endrin Column 2
Column 1						
3.10E+09	1.93E+08	9.86E+07	291914778	3395614778	8.60	6.62
Column 2						
3.41E+09	1.63E+08	7.89E+07	241757141	3650457141		

Endrin And DDT Breakdown P7039808		
Date: 08/12/09		
Name:kartik		

DDT	DDD	DDE	SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown of DDT Column 1	% Breakdown of DDT Column 2
Column 1						
5.88E+09	6.25E+07	6.64E+07	128960327	6009160327	2.15	2.62
Column 2						
5.79E+09	6.97E+07	8.59E+07	155612036	5949712036		

Endrin	Endrin Ketone	Endrin Ald	SUM (B+C)	SUM (A+B+C)	% Breakdown of Endrin Column 1	% Breakdown of Endrin Column 2
Column 1						
2.89E+09	1.63E+08	6.37E+07	227025043	3114825043	7.29	6.25
Column 2						
3.06E+09	1.43E+08	6.13E+07	204135189	3268335189		

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/10/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 13:38 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.69	8.70	8.60	8.80	0.01
Tetrachloro-m-xylene	4.01	4.01	3.91	4.11	0.00
alpha-BHC	4.45	4.45	4.40	4.50	0.00
beta-BHC	4.98	4.98	4.93	5.03	0.00
delta-BHC	5.17	5.18	5.13	5.23	0.01
gamma-BHC (Lindane)	4.73	4.73	4.68	4.78	0.00
Heptachlor	5.01	5.02	4.97	5.07	0.01
Aldrin	5.26	5.26	5.21	5.31	0.01
Heptachlor epoxide	5.69	5.70	5.63	5.77	0.01
Endosulfan I	6.02	6.03	5.96	6.10	0.01
Dieldrin	6.26	6.26	6.19	6.33	0.00
4,4'-DDE	6.14	6.14	6.07	6.21	0.00
Endrin	6.51	6.52	6.45	6.59	0.01
Endosulfan II	6.78	6.79	6.72	6.86	0.01
4,4'-DDD	6.65	6.65	6.58	6.72	0.00
Endosulfan sulfate	7.16	7.17	7.10	7.24	0.01
4,4'-DDT	6.88	6.89	6.82	6.96	0.01
Methoxychlor	7.43	7.44	7.37	7.51	0.01
Endrin ketone	7.65	7.65	7.58	7.72	0.00
Endrin aldehyde	6.95	6.96	6.89	7.03	0.01
alpha-Chlordane	5.97	5.97	5.90	6.04	0.00
gamma-Chlordane	5.91	5.92	5.85	5.99	0.01

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/10/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 13:38 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.01	10.01	9.91	10.11	0.00
Tetrachloro-m-xylene	4.79	4.79	4.69	4.89	0.00
alpha-BHC	5.18	5.19	5.14	5.24	0.01
beta-BHC	5.64	5.65	5.60	5.70	0.01
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.48	5.48	5.43	5.53	0.00
Heptachlor	6.01	6.01	5.96	6.06	0.00
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.07	7.08	7.01	7.15	0.01
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.55	7.56	7.49	7.63	0.01
Endosulfan II	7.76	7.76	7.69	7.83	0.00
4,4'-DDD	7.66	7.67	7.60	7.74	0.01
Endosulfan sulfate	8.10	8.11	8.04	8.18	0.01
4,4'-DDT	7.97	7.97	7.90	8.04	0.00
Methoxychlor	8.41	8.42	8.35	8.49	0.01
Endrin ketone	8.58	8.58	8.51	8.65	0.00
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/10/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 16:05 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.69	8.70	8.60	8.80	0.01
Tetrachloro-m-xylene	4.01	4.01	3.91	4.11	0.00
alpha-BHC	4.45	4.45	4.40	4.50	0.00
beta-BHC	4.97	4.98	4.93	5.03	0.01
delta-BHC	5.17	5.18	5.13	5.23	0.01
gamma-BHC (Lindane)	4.73	4.73	4.68	4.78	0.00
Heptachlor	5.01	5.02	4.97	5.07	0.01
Aldrin	5.26	5.26	5.21	5.31	0.00
Heptachlor epoxide	5.69	5.70	5.63	5.77	0.01
Endosulfan I	6.02	6.03	5.96	6.10	0.01
Dieldrin	6.26	6.26	6.19	6.33	0.00
4,4'-DDE	6.14	6.14	6.07	6.21	0.00
Endrin	6.51	6.52	6.45	6.59	0.01
Endosulfan II	6.78	6.79	6.72	6.86	0.01
4,4'-DDD	6.64	6.65	6.58	6.72	0.01
Endosulfan sulfate	7.16	7.17	7.10	7.24	0.01
4,4'-DDT	6.88	6.89	6.82	6.96	0.01
Methoxychlor	7.43	7.44	7.37	7.51	0.01
Endrin ketone	7.65	7.65	7.58	7.72	0.00
Endrin aldehyde	6.95	6.96	6.89	7.03	0.01
alpha-Chlordane	5.97	5.97	5.90	6.04	0.00
gamma-Chlordane	5.91	5.92	5.85	5.99	0.01

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/10/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 16:05 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.01	10.01	9.91	10.11	0.00
Tetrachloro-m-xylene	4.78	4.79	4.69	4.89	0.01
alpha-BHC	5.18	5.19	5.14	5.24	0.01
beta-BHC	5.64	5.65	5.60	5.70	0.01
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.48	5.48	5.43	5.53	0.00
Heptachlor	6.01	6.01	5.96	6.06	0.00
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.07	7.08	7.01	7.15	0.01
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.55	7.56	7.49	7.63	0.01
Endosulfan II	7.76	7.76	7.69	7.83	0.00
4,4'-DDD	7.66	7.67	7.60	7.74	0.01
Endosulfan sulfate	8.10	8.11	8.04	8.18	0.01
4,4'-DDT	7.97	7.97	7.90	8.04	0.00
Methoxychlor	8.42	8.42	8.35	8.49	0.00
Endrin ketone	8.58	8.58	8.51	8.65	0.00
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/11/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 11:24 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.70	8.70	8.60	8.80	0.00
Tetrachloro-m-xylene	4.02	4.01	3.91	4.11	-0.01
alpha-BHC	4.45	4.45	4.40	4.50	-0.01
beta-BHC	4.99	4.98	4.93	5.03	-0.01
delta-BHC	5.18	5.18	5.13	5.23	0.00
gamma-BHC (Lindane)	4.74	4.73	4.68	4.78	-0.01
Heptachlor	5.02	5.02	4.97	5.07	0.00
Aldrin	5.26	5.26	5.21	5.31	0.00
Heptachlor epoxide	5.70	5.70	5.63	5.77	0.00
Endosulfan I	6.03	6.03	5.96	6.10	0.00
Dieldrin	6.27	6.26	6.19	6.33	-0.01
4,4'-DDE	6.15	6.14	6.07	6.21	-0.01
Endrin	6.52	6.52	6.45	6.59	0.00
Endosulfan II	6.79	6.79	6.72	6.86	0.00
4,4'-DDD	6.66	6.65	6.58	6.72	-0.01
Endosulfan sulfate	7.17	7.17	7.10	7.24	0.00
4,4'-DDT	6.89	6.89	6.82	6.96	0.00
Methoxychlor	7.44	7.44	7.37	7.51	0.00
Endrin ketone	7.66	7.65	7.58	7.72	-0.01
Endrin aldehyde	6.96	6.96	6.89	7.03	0.00
alpha-Chlordane	5.98	5.97	5.90	6.04	-0.01
gamma-Chlordane	5.92	5.92	5.85	5.99	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/11/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 11:24 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.02	10.01	9.91	10.11	-0.01
Tetrachloro-m-xylene	4.79	4.79	4.69	4.89	0.00
alpha-BHC	5.19	5.19	5.14	5.24	0.00
beta-BHC	5.65	5.65	5.60	5.70	0.00
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.48	5.48	5.43	5.53	0.00
Heptachlor	6.01	6.01	5.96	6.06	0.00
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.08	7.08	7.01	7.15	0.00
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.56	7.56	7.49	7.63	0.00
Endosulfan II	7.76	7.76	7.69	7.83	0.00
4,4'-DDD	7.67	7.67	7.60	7.74	0.00
Endosulfan sulfate	8.11	8.11	8.04	8.18	0.00
4,4'-DDT	7.97	7.97	7.90	8.04	0.00
Methoxychlor	8.42	8.42	8.35	8.49	0.00
Endrin ketone	8.59	8.58	8.51	8.65	-0.01
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/11/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 14:37 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.69	8.70	8.60	8.80	0.01
Tetrachloro-m-xylene	4.01	4.01	3.91	4.11	0.00
alpha-BHC	4.45	4.45	4.40	4.50	0.00
beta-BHC	4.98	4.98	4.93	5.03	0.00
delta-BHC	5.17	5.18	5.13	5.23	0.01
gamma-BHC (Lindane)	4.73	4.73	4.68	4.78	0.00
Heptachlor	5.01	5.02	4.97	5.07	0.01
Aldrin	5.26	5.26	5.21	5.31	0.00
Heptachlor epoxide	5.69	5.70	5.63	5.77	0.01
Endosulfan I	6.02	6.03	5.96	6.10	0.01
Dieldrin	6.26	6.26	6.19	6.33	0.00
4,4'-DDE	6.14	6.14	6.07	6.21	0.00
Endrin	6.51	6.52	6.45	6.59	0.01
Endosulfan II	6.78	6.79	6.72	6.86	0.01
4,4'-DDD	6.65	6.65	6.58	6.72	0.00
Endosulfan sulfate	7.16	7.17	7.10	7.24	0.01
4,4'-DDT	6.88	6.89	6.82	6.96	0.01
Methoxychlor	7.43	7.44	7.37	7.51	0.01
Endrin ketone	7.65	7.65	7.58	7.72	0.00
Endrin aldehyde	6.95	6.96	6.89	7.03	0.01
alpha-Chlordane	5.97	5.97	5.90	6.04	0.00
gamma-Chlordane	5.91	5.92	5.85	5.99	0.01

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/11/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 14:37 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.01	10.01	9.91	10.11	0.00
Tetrachloro-m-xylene	4.79	4.79	4.69	4.89	0.00
alpha-BHC	5.18	5.19	5.14	5.24	0.01
beta-BHC	5.64	5.65	5.60	5.70	0.01
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.48	5.48	5.43	5.53	0.00
Heptachlor	6.01	6.01	5.96	6.06	0.00
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.07	7.08	7.01	7.15	0.01
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.55	7.56	7.49	7.63	0.01
Endosulfan II	7.76	7.76	7.69	7.83	0.00
4,4'-DDD	7.66	7.67	7.60	7.74	0.01
Endosulfan sulfate	8.10	8.11	8.04	8.18	0.01
4,4'-DDT	7.97	7.97	7.90	8.04	0.00
Methoxychlor	8.42	8.42	8.35	8.49	0.00
Endrin ketone	8.58	8.58	8.51	8.65	0.00
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/12/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 18:50 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.69	8.70	8.60	8.80	0.01
Tetrachloro-m-xylene	4.01	4.01	3.91	4.11	0.00
alpha-BHC	4.45	4.45	4.40	4.50	0.00
beta-BHC	4.98	4.98	4.93	5.03	0.00
delta-BHC	5.17	5.18	5.13	5.23	0.01
gamma-BHC (Lindane)	4.73	4.73	4.68	4.78	0.00
Heptachlor	5.01	5.02	4.97	5.07	0.01
Aldrin	5.26	5.26	5.21	5.31	0.01
Heptachlor epoxide	5.69	5.70	5.63	5.77	0.01
Endosulfan I	6.02	6.03	5.96	6.10	0.01
Dieldrin	6.26	6.26	6.19	6.33	0.00
4,4'-DDE	6.14	6.14	6.07	6.21	0.00
Endrin	6.51	6.52	6.45	6.59	0.01
Endosulfan II	6.78	6.79	6.72	6.86	0.01
4,4'-DDD	6.65	6.65	6.58	6.72	0.00
Endosulfan sulfate	7.16	7.17	7.10	7.24	0.01
4,4'-DDT	6.88	6.89	6.82	6.96	0.01
Methoxychlor	7.43	7.44	7.37	7.51	0.01
Endrin ketone	7.65	7.65	7.58	7.72	0.00
Endrin aldehyde	6.95	6.96	6.89	7.03	0.01
alpha-Chlordane	5.97	5.97	5.90	6.04	0.00
gamma-Chlordane	5.91	5.92	5.85	5.99	0.01

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/12/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 18:50 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.01	10.01	9.91	10.11	0.01
Tetrachloro-m-xylene	4.79	4.79	4.69	4.89	0.00
alpha-BHC	5.18	5.19	5.14	5.24	0.01
beta-BHC	5.64	5.65	5.60	5.70	0.01
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.48	5.48	5.43	5.53	0.00
Heptachlor	6.01	6.01	5.96	6.06	0.00
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.07	7.08	7.01	7.15	0.01
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.55	7.56	7.49	7.63	0.01
Endosulfan II	7.76	7.76	7.69	7.83	0.00
4,4'-DDD	7.66	7.67	7.60	7.74	0.01
Endosulfan sulfate	8.10	8.11	8.04	8.18	0.01
4,4'-DDT	7.96	7.97	7.90	8.04	0.01
Methoxychlor	8.41	8.42	8.35	8.49	0.01
Endrin ketone	8.58	8.58	8.51	8.65	0.00
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/12/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 22:23 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.69	8.70	8.60	8.80	0.01
Tetrachloro-m-xylene	4.01	4.01	3.91	4.11	0.00
alpha-BHC	4.45	4.45	4.40	4.50	0.00
beta-BHC	4.98	4.98	4.93	5.03	0.00
delta-BHC	5.17	5.18	5.13	5.23	0.01
gamma-BHC (Lindane)	4.73	4.73	4.68	4.78	0.00
Heptachlor	5.01	5.02	4.97	5.07	0.01
Aldrin	5.26	5.26	5.21	5.31	0.01
Heptachlor epoxide	5.69	5.70	5.63	5.77	0.01
Endosulfan I	6.02	6.03	5.96	6.10	0.01
Dieldrin	6.26	6.26	6.19	6.33	0.00
4,4'-DDE	6.14	6.14	6.07	6.21	0.00
Endrin	6.51	6.52	6.45	6.59	0.01
Endosulfan II	6.78	6.79	6.72	6.86	0.01
4,4'-DDD	6.65	6.65	6.58	6.72	0.00
Endosulfan sulfate	7.16	7.17	7.10	7.24	0.01
4,4'-DDT	6.88	6.89	6.82	6.96	0.01
Methoxychlor	7.43	7.44	7.37	7.51	0.01
Endrin ketone	7.65	7.65	7.58	7.72	0.00
Endrin aldehyde	6.95	6.96	6.89	7.03	0.01
alpha-Chlordane	5.97	5.97	5.90	6.04	0.00
gamma-Chlordane	5.91	5.92	5.85	5.99	0.01

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Continuing Calib Date: 8/12/2009 Initial Calibration Date(s): 7/17/2009 7/17/2009

Continuing Calib Time: 22:23 Initial Calibration Time(s): 13:06 14:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	10.00	10.01	9.91	10.11	0.01
Tetrachloro-m-xylene	4.78	4.79	4.69	4.89	0.01
alpha-BHC	5.18	5.19	5.14	5.24	0.01
beta-BHC	5.64	5.65	5.60	5.70	0.01
delta-BHC	5.87	5.87	5.82	5.92	0.00
gamma-BHC (Lindane)	5.47	5.48	5.43	5.53	0.01
Heptachlor	6.01	6.01	5.96	6.06	0.01
Aldrin	6.32	6.33	6.28	6.38	0.01
Heptachlor epoxide	6.71	6.71	6.64	6.78	0.00
Endosulfan I	7.07	7.08	7.01	7.15	0.01
Dieldrin	7.33	7.34	7.27	7.41	0.01
4,4'-DDE	7.17	7.18	7.11	7.25	0.01
Endrin	7.55	7.56	7.49	7.63	0.01
Endosulfan II	7.76	7.76	7.69	7.83	0.01
4,4'-DDD	7.66	7.67	7.60	7.74	0.01
Endosulfan sulfate	8.10	8.11	8.04	8.18	0.01
4,4'-DDT	7.96	7.97	7.90	8.04	0.01
Methoxychlor	8.41	8.42	8.35	8.49	0.01
Endrin ketone	8.58	8.58	8.51	8.65	0.00
Endrin aldehyde	7.88	7.88	7.81	7.95	0.00
alpha-Chlordane	7.02	7.03	6.96	7.10	0.01
gamma-Chlordane	6.95	6.95	6.88	7.02	0.00

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL01 **Date Analyzed:** 8/10/2009

Lab Sample No.: STD 50 **Time Analyzed:** 13:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.448	4.400	4.500	0.053	0.050	6.0
beta-BHC	4.976	4.930	5.030	0.053	0.050	6.0
delta-BHC	5.174	5.130	5.230	0.055	0.050	10.0
gamma-BHC (Lindane)	4.728	4.680	4.780	0.055	0.050	10.0
Heptachlor	5.015	4.970	5.070	0.055	0.050	10.0
Aldrin	5.255	5.210	5.310	0.052	0.050	4.0
Heptachlor epoxide	5.692	5.630	5.770	0.050	0.050	0.0
Endosulfan I	6.022	5.960	6.100	0.050	0.050	0.0
Dieldrin	6.261	6.190	6.330	0.049	0.050	2.0
4,4'-DDE	6.139	6.070	6.210	0.052	0.050	4.0
Endrin	6.515	6.450	6.590	0.051	0.050	2.0
Endosulfan II	6.785	6.720	6.860	0.050	0.050	0.0
4,4'-DDD	6.647	6.580	6.720	0.050	0.050	0.0
Endosulfan sulfate	7.163	7.100	7.240	0.058	0.050	16.0
4,4'-DDT	6.882	6.820	6.960	0.052	0.050	4.0
Methoxychlor	7.432	7.370	7.510	0.054	0.050	8.0
Endrin ketone	7.650	7.580	7.720	0.055	0.050	10.0
Endrin aldehyde	6.954	6.890	7.030	0.050	0.050	0.0
alpha-Chlordane	5.971	5.900	6.040	0.049	0.050	2.0
gamma-Chlordane	5.913	5.850	5.990	0.050	0.050	0.0
Decachlorobiphenyl	8.693	8.600	8.800	0.054	0.050	8.0
Tetrachloro-m-xylene	4.007	3.910	4.110	0.055	0.050	10.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL01 **Date Analyzed:** 8/10/2009

Lab Sample No.: STD 50 **Time Analyzed:** 13:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.185	5.140	5.240	0.055	0.050	10.0
beta-BHC	5.643	5.600	5.700	0.057	0.050	14.0
delta-BHC	5.869	5.820	5.920	0.056	0.050	12.0
gamma-BHC (Lindane)	5.477	5.430	5.530	0.057	0.050	14.0
Heptachlor	6.007	5.960	6.060	0.057	0.050	14.0
Aldrin	6.321	6.280	6.380	0.052	0.050	4.0
Heptachlor epoxide	6.709	6.640	6.780	0.049	0.050	2.0
Endosulfan I	7.073	7.010	7.150	0.047	0.050	6.0
Dieldrin	7.331	7.270	7.410	0.047	0.050	6.0
4,4'-DDE	7.171	7.110	7.250	0.048	0.050	4.0
Endrin	7.552	7.490	7.630	0.047	0.050	6.0
Endosulfan II	7.757	7.690	7.830	0.046	0.050	8.0
4,4'-DDD	7.662	7.600	7.740	0.045	0.050	10.0
Endosulfan sulfate	8.105	8.040	8.180	0.049	0.050	2.0
4,4'-DDT	7.965	7.900	8.040	0.052	0.050	4.0
Methoxychlor	8.415	8.350	8.490	0.048	0.050	4.0
Endrin ketone	8.581	8.510	8.650	0.052	0.050	4.0
Endrin aldehyde	7.880	7.810	7.950	0.047	0.050	6.0
alpha-Chlordane	7.021	6.960	7.100	0.047	0.050	6.0
gamma-Chlordane	6.947	6.880	7.020	0.047	0.050	6.0
Decachlorobiphenyl	10.007	9.910	10.110	0.051	0.050	2.0
Tetrachloro-m-xylene	4.786	4.690	4.890	0.055	0.050	10.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL02 **Date Analyzed:** 8/10/2009

Lab Sample No.: STD 50 **Time Analyzed:** 16:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.446	4.400	4.500	0.053	0.050	6.0
beta-BHC	4.975	4.930	5.030	0.055	0.050	10.0
delta-BHC	5.174	5.130	5.230	0.056	0.050	12.0
gamma-BHC (Lindane)	4.728	4.680	4.780	0.056	0.050	12.0
Heptachlor	5.013	4.970	5.070	0.058	0.050	16.0
Aldrin	5.256	5.210	5.310	0.054	0.050	8.0
Heptachlor epoxide	5.693	5.630	5.770	0.051	0.050	2.0
Endosulfan I	6.022	5.960	6.100	0.051	0.050	2.0
Dieldrin	6.259	6.190	6.330	0.051	0.050	2.0
4,4'-DDE	6.138	6.070	6.210	0.053	0.050	6.0
Endrin	6.515	6.450	6.590	0.053	0.050	6.0
Endosulfan II	6.782	6.720	6.860	0.052	0.050	4.0
4,4'-DDD	6.645	6.580	6.720	0.052	0.050	4.0
Endosulfan sulfate	7.162	7.100	7.240	0.062	0.050	24.0
4,4'-DDT	6.882	6.820	6.960	0.055	0.050	10.0
Methoxychlor	7.431	7.370	7.510	0.057	0.050	14.0
Endrin ketone	7.649	7.580	7.720	0.059	0.050	18.0
Endrin aldehyde	6.954	6.890	7.030	0.053	0.050	6.0
alpha-Chlordane	5.971	5.900	6.040	0.051	0.050	2.0
gamma-Chlordane	5.912	5.850	5.990	0.051	0.050	2.0
Decachlorobiphenyl	8.692	8.600	8.800	0.059	0.050	18.0
Tetrachloro-m-xylene	4.007	3.910	4.110	0.055	0.050	10.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL02 **Date Analyzed:** 8/10/2009

Lab Sample No.: STD 50 **Time Analyzed:** 16:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.183	5.140	5.240	0.058	0.050	16.0
beta-BHC	5.643	5.600	5.700	0.059	0.050	18.0
delta-BHC	5.868	5.820	5.920	0.058	0.050	16.0
gamma-BHC (Lindane)	5.476	5.430	5.530	0.060	0.050	20.0
Heptachlor	6.007	5.960	6.060	0.059	0.050	18.0
Aldrin	6.320	6.280	6.380	0.055	0.050	10.0
Heptachlor epoxide	6.708	6.640	6.780	0.052	0.050	4.0
Endosulfan I	7.072	7.010	7.150	0.051	0.050	2.0
Dieldrin	7.329	7.270	7.410	0.051	0.050	2.0
4,4'-DDE	7.171	7.110	7.250	0.053	0.050	6.0
Endrin	7.550	7.490	7.630	0.051	0.050	2.0
Endosulfan II	7.756	7.690	7.830	0.050	0.050	0.0
4,4'-DDD	7.660	7.600	7.740	0.049	0.050	2.0
Endosulfan sulfate	8.103	8.040	8.180	0.054	0.050	8.0
4,4'-DDT	7.965	7.900	8.040	0.055	0.050	10.0
Methoxychlor	8.416	8.350	8.490	0.050	0.050	0.0
Endrin ketone	8.579	8.510	8.650	0.055	0.050	10.0
Endrin aldehyde	7.879	7.810	7.950	0.050	0.050	0.0
alpha-Chlordane	7.020	6.960	7.100	0.051	0.050	2.0
gamma-Chlordane	6.947	6.880	7.020	0.051	0.050	2.0
Decachlorobiphenyl	10.008	9.910	10.110	0.055	0.050	10.0
Tetrachloro-m-xylene	4.785	4.690	4.890	0.057	0.050	14.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL03 **Date Analyzed:** 8/11/2009

Lab Sample No.: STD 100 **Time Analyzed:** 11:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.455	4.400	4.500	0.101	0.100	1.0
beta-BHC	4.985	4.930	5.030	0.102	0.100	2.0
delta-BHC	5.183	5.130	5.230	0.103	0.100	3.0
gamma-BHC (Lindane)	4.736	4.680	4.780	0.103	0.100	3.0
Heptachlor	5.024	4.970	5.070	0.107	0.100	7.0
Aldrin	5.264	5.210	5.310	0.097	0.100	3.0
Heptachlor epoxide	5.702	5.630	5.770	0.091	0.100	9.0
Endosulfan I	6.031	5.960	6.100	0.092	0.100	8.0
Dieldrin	6.270	6.190	6.330	0.092	0.100	8.0
4,4'-DDE	6.147	6.070	6.210	0.099	0.100	1.0
Endrin	6.524	6.450	6.590	0.096	0.100	4.0
Endosulfan II	6.793	6.720	6.860	0.094	0.100	6.0
4,4'-DDD	6.656	6.580	6.720	0.094	0.100	6.0
Endosulfan sulfate	7.171	7.100	7.240	0.105	0.100	5.0
4,4'-DDT	6.891	6.820	6.960	0.103	0.100	3.0
Methoxychlor	7.440	7.370	7.510	0.105	0.100	5.0
Endrin ketone	7.658	7.580	7.720	0.108	0.100	8.0
Endrin aldehyde	6.963	6.890	7.030	0.096	0.100	4.0
alpha-Chlordane	5.980	5.900	6.040	0.094	0.100	6.0
gamma-Chlordane	5.922	5.850	5.990	0.095	0.100	5.0
Decachlorobiphenyl	8.703	8.600	8.800	0.121	0.100	21.0
Tetrachloro-m-xylene	4.016	3.910	4.110	0.100	0.100	0.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL03 **Date Analyzed:** 8/11/2009

Lab Sample No.: STD 100 **Time Analyzed:** 11:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.186	5.140	5.240	0.106	0.100	6.0
beta-BHC	5.646	5.600	5.700	0.111	0.100	11.0
delta-BHC	5.872	5.820	5.920	0.107	0.100	7.0
gamma-BHC (Lindane)	5.479	5.430	5.530	0.111	0.100	11.0
Heptachlor	6.010	5.960	6.060	0.110	0.100	10.0
Aldrin	6.324	6.280	6.380	0.101	0.100	1.0
Heptachlor epoxide	6.712	6.640	6.780	0.094	0.100	6.0
Endosulfan I	7.076	7.010	7.150	0.094	0.100	6.0
Dieldrin	7.334	7.270	7.410	0.096	0.100	4.0
4,4'-DDE	7.174	7.110	7.250	0.100	0.100	0.0
Endrin	7.556	7.490	7.630	0.098	0.100	2.0
Endosulfan II	7.761	7.690	7.830	0.095	0.100	5.0
4,4'-DDD	7.666	7.600	7.740	0.095	0.100	5.0
Endosulfan sulfate	8.109	8.040	8.180	0.105	0.100	5.0
4,4'-DDT	7.969	7.900	8.040	0.118	0.100	18.0
Methoxychlor	8.421	8.350	8.490	0.103	0.100	3.0
Endrin ketone	8.585	8.510	8.650	0.105	0.100	5.0
Endrin aldehyde	7.884	7.810	7.950	0.097	0.100	3.0
alpha-Chlordane	7.024	6.960	7.100	0.096	0.100	4.0
gamma-Chlordane	6.951	6.880	7.020	0.096	0.100	4.0
Decachlorobiphenyl	10.015	9.910	10.110	0.108	0.100	8.0
Tetrachloro-m-xylene	4.788	4.690	4.890	0.104	0.100	4.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL04 **Date Analyzed:** 8/11/2009

Lab Sample No.: STD 100 **Time Analyzed:** 14:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.448	4.400	4.500	0.104	0.100	4.0
beta-BHC	4.976	4.930	5.030	0.107	0.100	7.0
delta-BHC	5.174	5.130	5.230	0.109	0.100	9.0
gamma-BHC (Lindane)	4.726	4.680	4.780	0.109	0.100	9.0
Heptachlor	5.015	4.970	5.070	0.112	0.100	12.0
Aldrin	5.256	5.210	5.310	0.101	0.100	1.0
Heptachlor epoxide	5.693	5.630	5.770	0.094	0.100	6.0
Endosulfan I	6.022	5.960	6.100	0.094	0.100	6.0
Dieldrin	6.261	6.190	6.330	0.095	0.100	5.0
4,4'-DDE	6.139	6.070	6.210	0.102	0.100	2.0
Endrin	6.515	6.450	6.590	0.099	0.100	1.0
Endosulfan II	6.784	6.720	6.860	0.095	0.100	5.0
4,4'-DDD	6.647	6.580	6.720	0.099	0.100	1.0
Endosulfan sulfate	7.162	7.100	7.240	0.112	0.100	12.0
4,4'-DDT	6.882	6.820	6.960	0.105	0.100	5.0
Methoxychlor	7.431	7.370	7.510	0.105	0.100	5.0
Endrin ketone	7.650	7.580	7.720	0.111	0.100	11.0
Endrin aldehyde	6.954	6.890	7.030	0.097	0.100	3.0
alpha-Chlordane	5.971	5.900	6.040	0.097	0.100	3.0
gamma-Chlordane	5.913	5.850	5.990	0.098	0.100	2.0
Decachlorobiphenyl	8.693	8.600	8.800	0.119	0.100	19.0
Tetrachloro-m-xylene	4.008	3.910	4.110	0.107	0.100	7.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL04 **Date Analyzed:** 8/11/2009

Lab Sample No.: STD 100 **Time Analyzed:** 14:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.185	5.140	5.240	0.112	0.100	12.0
beta-BHC	5.643	5.600	5.700	0.114	0.100	14.0
delta-BHC	5.868	5.820	5.920	0.112	0.100	12.0
gamma-BHC (Lindane)	5.476	5.430	5.530	0.115	0.100	15.0
Heptachlor	6.007	5.960	6.060	0.113	0.100	13.0
Aldrin	6.321	6.280	6.380	0.104	0.100	4.0
Heptachlor epoxide	6.709	6.640	6.780	0.096	0.100	4.0
Endosulfan I	7.073	7.010	7.150	0.096	0.100	4.0
Dieldrin	7.331	7.270	7.410	0.098	0.100	2.0
4,4'-DDE	7.171	7.110	7.250	0.103	0.100	3.0
Endrin	7.552	7.490	7.630	0.100	0.100	0.0
Endosulfan II	7.757	7.690	7.830	0.098	0.100	2.0
4,4'-DDD	7.661	7.600	7.740	0.097	0.100	3.0
Endosulfan sulfate	8.105	8.040	8.180	0.106	0.100	6.0
4,4'-DDT	7.965	7.900	8.040	0.121	0.100	21.0
Methoxychlor	8.416	8.350	8.490	0.105	0.100	5.0
Endrin ketone	8.581	8.510	8.650	0.111	0.100	11.0
Endrin aldehyde	7.880	7.810	7.950	0.099	0.100	1.0
alpha-Chlordane	7.022	6.960	7.100	0.099	0.100	1.0
gamma-Chlordane	6.947	6.880	7.020	0.099	0.100	1.0
Decachlorobiphenyl	10.009	9.910	10.110	0.113	0.100	13.0
Tetrachloro-m-xylene	4.786	4.690	4.890	0.109	0.100	9.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL05 **Date Analyzed:** 8/12/2009

Lab Sample No.: STD 50 **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.446	4.400	4.500	0.053	0.050	6.0
beta-BHC	4.976	4.930	5.030	0.055	0.050	10.0
delta-BHC	5.174	5.130	5.230	0.054	0.050	8.0
gamma-BHC (Lindane)	4.728	4.680	4.780	0.056	0.050	12.0
Heptachlor	5.014	4.970	5.070	0.058	0.050	16.0
Aldrin	5.255	5.210	5.310	0.052	0.050	4.0
Heptachlor epoxide	5.692	5.630	5.770	0.050	0.050	0.0
Endosulfan I	6.022	5.960	6.100	0.050	0.050	0.0
Dieldrin	6.260	6.190	6.330	0.049	0.050	2.0
4,4'-DDE	6.137	6.070	6.210	0.051	0.050	2.0
Endrin	6.514	6.450	6.590	0.052	0.050	4.0
Endosulfan II	6.783	6.720	6.860	0.049	0.050	2.0
4,4'-DDD	6.646	6.580	6.720	0.050	0.050	0.0
Endosulfan sulfate	7.160	7.100	7.240	0.056	0.050	12.0
4,4'-DDT	6.881	6.820	6.960	0.052	0.050	4.0
Methoxychlor	7.430	7.370	7.510	0.052	0.050	4.0
Endrin ketone	7.648	7.580	7.720	0.055	0.050	10.0
Endrin aldehyde	6.953	6.890	7.030	0.049	0.050	2.0
alpha-Chlordane	5.970	5.900	6.040	0.049	0.050	2.0
gamma-Chlordane	5.912	5.850	5.990	0.050	0.050	0.0
Decachlorobiphenyl	8.690	8.600	8.800	0.055	0.050	10.0
Tetrachloro-m-xylene	4.006	3.910	4.110	0.054	0.050	8.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL05 **Date Analyzed:** 8/12/2009

Lab Sample No.: STD 50 **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.183	5.140	5.240	0.055	0.050	10.0
beta-BHC	5.643	5.600	5.700	0.056	0.050	12.0
delta-BHC	5.869	5.820	5.920	0.054	0.050	8.0
gamma-BHC (Lindane)	5.477	5.430	5.530	0.057	0.050	14.0
Heptachlor	6.006	5.960	6.060	0.056	0.050	12.0
Aldrin	6.320	6.280	6.380	0.052	0.050	4.0
Heptachlor epoxide	6.708	6.640	6.780	0.048	0.050	4.0
Endosulfan I	7.072	7.010	7.150	0.047	0.050	6.0
Dieldrin	7.330	7.270	7.410	0.046	0.050	8.0
4,4'-DDE	7.170	7.110	7.250	0.048	0.050	4.0
Endrin	7.550	7.490	7.630	0.049	0.050	2.0
Endosulfan II	7.756	7.690	7.830	0.046	0.050	8.0
4,4'-DDD	7.660	7.600	7.740	0.046	0.050	8.0
Endosulfan sulfate	8.103	8.040	8.180	0.050	0.050	0.0
4,4'-DDT	7.962	7.900	8.040	0.052	0.050	4.0
Methoxychlor	8.415	8.350	8.490	0.050	0.050	0.0
Endrin ketone	8.580	8.510	8.650	0.053	0.050	6.0
Endrin aldehyde	7.880	7.810	7.950	0.047	0.050	6.0
alpha-Chlordane	7.021	6.960	7.100	0.046	0.050	8.0
gamma-Chlordane	6.946	6.880	7.020	0.047	0.050	6.0
Decachlorobiphenyl	10.005	9.910	10.110	0.055	0.050	10.0
Tetrachloro-m-xylene	4.786	4.690	4.890	0.055	0.050	10.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL06 **Date Analyzed:** 8/12/2009

Lab Sample No.: STD 50 **Time Analyzed:** 22:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	4.447	4.400	4.500	0.055	0.050	10.0
beta-BHC	4.976	4.930	5.030	0.058	0.050	16.0
delta-BHC	5.174	5.130	5.230	0.059	0.050	18.0
gamma-BHC (Lindane)	4.728	4.680	4.780	0.058	0.050	16.0
Heptachlor	5.015	4.970	5.070	0.059	0.050	18.0
Aldrin	5.255	5.210	5.310	0.055	0.050	10.0
Heptachlor epoxide	5.691	5.630	5.770	0.053	0.050	6.0
Endosulfan I	6.022	5.960	6.100	0.053	0.050	6.0
Dieldrin	6.261	6.190	6.330	0.052	0.050	4.0
4,4'-DDE	6.137	6.070	6.210	0.054	0.050	8.0
Endrin	6.515	6.450	6.590	0.054	0.050	8.0
Endosulfan II	6.782	6.720	6.860	0.052	0.050	4.0
4,4'-DDD	6.646	6.580	6.720	0.061	0.050	22.0
Endosulfan sulfate	7.160	7.100	7.240	0.062	0.050	24.0
4,4'-DDT	6.881	6.820	6.960	0.043	0.050	14.0
Methoxychlor	7.431	7.370	7.510	0.044	0.050	12.0
Endrin ketone	7.648	7.580	7.720	0.059	0.050	18.0
Endrin aldehyde	6.953	6.890	7.030	0.053	0.050	6.0
alpha-Chlordane	5.971	5.900	6.040	0.052	0.050	4.0
gamma-Chlordane	5.912	5.850	5.990	0.053	0.050	6.0
Decachlorobiphenyl	8.691	8.600	8.800	0.062	0.050	24.0
Tetrachloro-m-xylene	4.008	3.910	4.110	0.057	0.050	14.0

Pesticide-TCL

CALIBRATION VERIFICATION SUMMARY

Contract: C.T. Male & Associates

Lab Code: CTECH **Case No.:** A3816 **SAS No.:** A3816 **SDG NO.:** A3816

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 7/17/2009 7/17/2009

Client Sample No.: CCAL06 **Date Analyzed:** 8/12/2009

Lab Sample No.: STD 50 **Time Analyzed:** 22:23

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.183	5.140	5.240	0.059	0.050	18.0
beta-BHC	5.642	5.600	5.700	0.061	0.050	22.0
delta-BHC	5.867	5.820	5.920	0.060	0.050	20.0
gamma-BHC (Lindane)	5.475	5.430	5.530	0.061	0.050	22.0
Heptachlor	6.005	5.960	6.060	0.059	0.050	18.0
Aldrin	6.319	6.280	6.380	0.056	0.050	12.0
Heptachlor epoxide	6.708	6.640	6.780	0.052	0.050	4.0
Endosulfan I	7.071	7.010	7.150	0.052	0.050	4.0
Dieldrin	7.329	7.270	7.410	0.052	0.050	4.0
4,4'-DDE	7.169	7.110	7.250	0.054	0.050	8.0
Endrin	7.548	7.490	7.630	0.050	0.050	0.0
Endosulfan II	7.755	7.690	7.830	0.050	0.050	0.0
4,4'-DDD	7.658	7.600	7.740	0.056	0.050	12.0
Endosulfan sulfate	8.103	8.040	8.180	0.054	0.050	8.0
4,4'-DDT	7.963	7.900	8.040	0.044	0.050	12.0
Methoxychlor	8.414	8.350	8.490	0.043	0.050	14.0
Endrin ketone	8.579	8.510	8.650	0.057	0.050	14.0
Endrin aldehyde	7.878	7.810	7.950	0.051	0.050	2.0
alpha-Chlordane	7.020	6.960	7.100	0.051	0.050	2.0
gamma-Chlordane	6.946	6.880	7.020	0.051	0.050	2.0
Decachlorobiphenyl	10.004	9.910	10.110	0.059	0.050	18.0
Tetrachloro-m-xylene	4.785	4.690	4.890	0.058	0.050	16.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 8.70 TCX 4.01

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
PIBLK01	I.BLK	7/17/2009	12:23	8.70	4.01
PEM01	PEM	7/17/2009	12:37	8.70	4.01
RESC01	RESCHK	7/17/2009	12:52	8.70	4.01
100 PPB PEST	100 PPB PEST S	7/17/2009	13:06	8.70	4.01
75 PPB PEST S	75 PPB PEST ST	7/17/2009	13:20	8.70	4.01
50 PPB PEST S	50 PPB PEST ST	7/17/2009	13:34	8.70	4.01
25 PPB PEST S	25 PPB PEST ST	7/17/2009	13:48	8.70	4.01
5 PPB PEST ST	5 PPB PEST STD	7/17/2009	14:02	8.70	4.01
TOX 500	TOX	7/17/2009	14:37	8.71	4.02
CHLOR 500	CHLOR 500	7/17/2009	14:51	8.70	4.01
PIBLK02	I.BLK	8/10/2009	13:24	8.69	4.01
CCAL01	STD 50	8/10/2009	13:38	8.69	4.01
PB43893BL	PB43893BL	8/10/2009	14:11	8.70	4.01
PB43893BS	PB43893BS	8/10/2009	14:25	8.69	4.01
PB43888BL	PB43888BL	8/10/2009	14:39	8.69	4.01
PB43888BS	PB43888BS	8/10/2009	14:53	8.69	4.01
PB43888BSD	PB43888BSD	8/10/2009	15:08	8.69	4.01
EB080309	A3816-14	8/10/2009	15:22	8.69	4.01
PIBLK03	I.BLK	8/10/2009	15:36	8.69	4.01
PEM02	PEM	8/10/2009	15:50	8.69	4.01
CCAL02	STD 50	8/10/2009	16:05	8.69	4.01
PIBLK04	I.BLK	8/11/2009	10:32	8.69	4.01
PEM03	PEM	8/11/2009	10:46	8.69	4.01
CCAL03	STD 100	8/11/2009	11:24	8.70	4.02

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 8.70 TCX 4.01

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
SBM-7	A3816-01	8/11/2009	11:47	8.70	4.02
A3816-01MS	A3816-02MS	8/11/2009	12:01	8.69	4.01
A3816-01MSD	A3816-03MSD	8/11/2009	12:15	8.69	4.01
SBM-1	A3816-04	8/11/2009	12:29	8.69	4.01
SBM-8	A3816-05	8/11/2009	12:43	8.69	4.01
FDSS080309	A3816-06	8/11/2009	12:58	8.69	4.01
SBM-2	A3816-07	8/11/2009	13:12	8.69	4.01
SBM-11	A3816-08	8/11/2009	13:26	8.69	4.01
SBM-12	A3816-09	8/11/2009	13:40	8.69	4.01
SBM-4	A3816-10	8/11/2009	13:54	8.69	4.01
PIBLK05	I.BLK	8/11/2009	14:23	8.69	4.01
CCAL04	STD 100	8/11/2009	14:37	8.69	4.01
PIBLK06	I.BLK	8/12/2009	18:22	8.69	4.01
PEM04	PEM	8/12/2009	18:36	8.69	4.01
CCAL05	STD 50	8/12/2009	18:50	8.69	4.01
SBM-3	A3816-11	8/12/2009	19:04	8.69	4.01
SBM-5	A3816-12	8/12/2009	19:18	8.69	4.01
SBM-9	A3816-13	8/12/2009	19:33	8.69	4.01
SBM-10	A3816-15	8/12/2009	19:47	8.69	4.01
SBM-6	A3816-16	8/12/2009	20:01	8.69	4.01
SBM-6-S-2	A3816-17	8/12/2009	20:15	8.69	4.01
SBM-3-S-1	A3816-18	8/12/2009	20:29	8.69	4.01
SBM-4-S-1	A3816-19	8/12/2009	20:43	8.69	4.01
SBM-2-S-3	A3816-20	8/12/2009	20:57	8.69	4.01

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR2 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 8.70 TCX 4.01

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
SBM-9-S-1	A3816-21	8/12/2009	21:12	8.69	4.01
SBM-1-S-2	A3816-22	8/12/2009	21:26	8.69	4.01
PIBLK07	I.BLK	8/12/2009	22:08	8.69	4.01
CCAL06	STD 50	8/12/2009	22:23	8.69	4.01

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR1 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 10.01 TCX 4.79

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
PIBLK01	I.BLK	7/17/2009	12:23	10.02	4.79
PEM01	PEM	7/17/2009	12:37	10.02	4.79
RESC01	RESCHK	7/17/2009	12:52	10.02	4.79
100 PPB PEST	100 PPB PEST S	7/17/2009	13:06	10.01	4.79
75 PPB PEST S	75 PPB PEST ST	7/17/2009	13:20	10.01	4.79
50 PPB PEST S	50 PPB PEST ST	7/17/2009	13:34	10.01	4.79
25 PPB PEST S	25 PPB PEST ST	7/17/2009	13:48	10.01	4.79
5 PPB PEST ST	5 PPB PEST STD	7/17/2009	14:02	10.02	4.79
TOX 500	TOX	7/17/2009	14:37	10.02	4.79
CHLOR 500	CHLOR 500	7/17/2009	14:51	10.02	4.79
PIBLK02	I.BLK	8/10/2009	13:24	10.01	4.79
CCAL01	STD 50	8/10/2009	13:38	10.01	4.79
PB43893BL	PB43893BL	8/10/2009	14:11	10.01	4.79
PB43893BS	PB43893BS	8/10/2009	14:25	10.01	4.78
PB43888BL	PB43888BL	8/10/2009	14:39	10.01	4.79
PB43888BS	PB43888BS	8/10/2009	14:53	10.01	4.78
PB43888BSD	PB43888BSD	8/10/2009	15:08	10.01	4.79
EB080309	A3816-14	8/10/2009	15:22	10.01	4.78
PIBLK03	I.BLK	8/10/2009	15:36	10.01	4.78
PEM02	PEM	8/10/2009	15:50	10.01	4.78
CCAL02	STD 50	8/10/2009	16:05	10.01	4.78
PIBLK04	I.BLK	8/11/2009	10:32	10.01	4.79
PEM03	PEM	8/11/2009	10:46	10.01	4.79
CCAL03	STD 100	8/11/2009	11:24	10.02	4.79

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR1 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 10.01 TCX 4.79

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
SBM-7	A3816-01	8/11/2009	11:47	10.02	4.79
A3816-01MS	A3816-02MS	8/11/2009	12:01	10.01	4.79
A3816-01MSD	A3816-03MSD	8/11/2009	12:15	10.01	4.79
SBM-1	A3816-04	8/11/2009	12:29	10.01	4.79
SBM-8	A3816-05	8/11/2009	12:43	10.01	4.79
FDSS080309	A3816-06	8/11/2009	12:58	10.01	4.78
SBM-2	A3816-07	8/11/2009	13:12	10.01	4.79
SBM-11	A3816-08	8/11/2009	13:26	10.01	4.79
SBM-12	A3816-09	8/11/2009	13:40	10.01	4.79
SBM-4	A3816-10	8/11/2009	13:54	10.01	4.79
PIBLK05	I.BLK	8/11/2009	14:23	10.01	4.79
CCAL04	STD 100	8/11/2009	14:37	10.01	4.79
PIBLK06	I.BLK	8/12/2009	18:22	10.01	4.78
PEM04	PEM	8/12/2009	18:36	10.01	4.78
CCAL05	STD 50	8/12/2009	18:50	10.01	4.79
SBM-3	A3816-11	8/12/2009	19:04	10.01	4.78
SBM-5	A3816-12	8/12/2009	19:18	10.01	4.78
SBM-9	A3816-13	8/12/2009	19:33	10.01	4.78
SBM-10	A3816-15	8/12/2009	19:47	10.01	4.78
SBM-6	A3816-16	8/12/2009	20:01	10.01	4.78
SBM-6-S-2	A3816-17	8/12/2009	20:15	10.01	4.78
SBM-3-S-1	A3816-18	8/12/2009	20:29	10.01	4.78
SBM-4-S-1	A3816-19	8/12/2009	20:43	10.00	4.78
SBM-2-S-3	A3816-20	8/12/2009	20:57	10.01	4.78

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

GC Column: ZB-MR1 ID: 0.32 (mm) Inst. Calib. Date(s): 7/17/2009 7/17/2009

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

DCB 10.01 TCX 4.79

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
SBM-9-S-1	A3816-21	8/12/2009	21:12	10.01	4.78
SBM-1-S-2	A3816-22	8/12/2009	21:26	10.01	4.78
PIBLK07	I.BLK	8/12/2009	22:08	10.01	4.78
CCAL06	STD 50	8/12/2009	22:23	10.00	4.78

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)
TCX = Tetrachloro-m-xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

A3816-02MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: A3816-02MS Date(s) Analyzed: 8/11/2009 8/11/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
alpha-BHC	1	4.45	4.40	4.50		20	
	2	5.18	5.14	5.24		22	10.0
beta-BHC	1	4.98	4.93	5.03		20	
	2	5.64	5.60	5.70		22	10.0
delta-BHC	1	5.18	5.13	5.23		20	
	2	5.87	5.82	5.92		17	17.6
gamma-BHC (Lindane)	1	4.73	4.68	4.78		21	
	2	5.48	5.43	5.53		23	9.5
Heptachlor	1	5.02	4.97	5.07		19	
	2	6.01	5.96	6.06		22	15.8
Aldrin	1	5.26	5.21	5.31		19	
	2	6.32	6.23	6.38		20	5.3
Heptachlor epoxide	1	5.69	5.63	5.77		19	
	2	6.71	6.64	6.78		20	5.3
Endosulfan I	1	6.02	5.96	6.10		17	
	2	7.07	7.01	7.15		19	11.8
Dieldrin	1	6.26	6.19	6.33		18	
	2	7.33	7.27	7.41		19	5.6
4,4'-DDE	1	6.14	6.07	6.21		18	
	2	7.17	7.11	7.25		19	5.6
Endrin	1	6.52	6.45	6.59		19	
	2	7.55	7.49	7.63		19	0.0
Endosulfan II	1	6.79	6.72	6.86		18	
	2	7.76	7.69	7.83		21	16.7
4,4'-DDD	1	6.65	6.58	6.72		16	
	2	7.66	7.60	7.74		19	18.8
Endosulfan sulfate	1	7.16	7.10	7.24		20	
	2	8.11	8.04	8.18		20	0.0

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

A3816-02MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: A3816-02MS Date(s) Analyzed: 8/11/2009 8/11/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
4,4'-DDT	1	6.88	6.82	6.96		19	
	2	7.97	7.90	8.04		22	15.8
Methoxychlor	1	7.43	7.37	7.51		20	
	2	8.42	8.35	8.49		21	5.0
Endrin ketone	1	7.65	7.58	7.72		20	
	2	8.58	8.51	8.65		21	5.0
Endrin aldehyde	1	6.96	6.89	7.03		16	
	2	7.88	7.81	7.95		17	6.3
alpha-Chlordane	1	5.97	5.90	6.04		18	
	2	7.02	6.96	7.10		19	5.6
gamma-Chlordane	1	5.91	5.85	5.99		18	
	2	6.95	6.88	7.02		19	5.6

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

A3816-03MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: A3816-03MSD Date(s) Analyzed: 8/11/2009 8/11/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
alpha-BHC	1	4.45	4.40	4.50		19	
	2	5.18	5.14	5.24		21	10.5
beta-BHC	1	4.98	4.93	5.03		18	
	2	5.64	5.60	5.70		20	11.1
delta-BHC	1	5.18	5.13	5.23		16	
	2	5.87	5.82	5.92		18	12.5
gamma-BHC (Lindane)	1	4.73	4.68	4.78		19	
	2	5.48	5.43	5.53		22	15.8
Heptachlor	1	5.02	4.97	5.07		16	
	2	6.01	5.96	6.06		18	12.5
Aldrin	1	5.26	5.21	5.31		17	
	2	6.32	6.28	6.38		18	5.9
Heptachlor epoxide	1	5.69	5.63	5.77		17	
	2	6.71	6.64	6.78		19	11.8
Endosulfan I	1	6.02	5.96	6.10		12	
	2	7.07	7.01	7.15		15	25.0
Dieldrin	1	6.26	6.19	6.33		16	
	2	7.33	7.27	7.41		17	6.3
4,4'-DDE	1	6.14	6.07	6.21		16	
	2	7.17	7.11	7.25		14	14.3
Endrin	1	6.52	6.45	6.59		14	
	2	7.55	7.49	7.63		8.0	75.0
Endosulfan II	1	6.78	6.72	6.86		13	
	2	7.76	7.69	7.83		17	30.8
4,4'-DDD	1	6.65	6.58	6.72		13	
	2	7.66	7.60	7.74		15	15.4
Endosulfan sulfate	1	7.16	7.10	7.24		12	
	2	8.10	8.04	8.18		14	16.7

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

A3816-03MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: A3816-03MSD Date(s) Analyzed: 8/11/2009 8/11/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
4,4'-DDT	1	6.88	6.82	6.96		15	
	2	7.97	7.90	8.04		17	13.3
Methoxychlor	1	7.43	7.37	7.51		13	
	2	8.42	8.35	8.49		9.5	36.8
Endrin ketone	1	7.65	7.58	7.72		17	
	2	8.58	8.51	8.65		16	6.3
Endrin aldehyde	1	6.95	6.89	7.03		11	
	2	7.88	7.81	7.95		11	0.0
alpha-Chlordane	1	5.97	5.90	6.04		17	
	2	7.02	6.96	7.10		17	0.0
gamma-Chlordane	1	5.91	5.85	5.99		16	
	2	6.95	6.88	7.02		17	6.3

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43888BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43888BS Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
alpha-BHC	1	4.45	4.40	4.50		0.51	
	2	5.18	5.14	5.24		0.54	5.9
beta-BHC	1	4.97	4.93	5.03		0.51	
	2	5.64	5.60	5.70		0.54	5.9
delta-BHC	1	5.17	5.13	5.23		0.52	
	2	5.87	5.82	5.92		0.53	1.9
gamma-BHC (Lindane)	1	4.73	4.68	4.78		0.52	
	2	5.47	5.43	5.53		0.55	5.8
Heptachlor	1	5.01	4.97	5.07		0.52	
	2	6.01	5.96	6.06		0.53	1.9
Aldrin	1	5.26	5.21	5.31		0.46	
	2	6.32	6.28	6.38		0.46	0.0
Heptachlor epoxide	1	5.69	5.63	5.77		0.49	
	2	6.71	6.64	6.78		0.50	2.0
Endosulfan I	1	6.02	5.96	6.10		0.49	
	2	7.07	7.01	7.15		0.48	2.1
Dieldrin	1	6.26	6.19	6.33		0.48	
	2	7.33	7.27	7.41		0.47	2.1
4,4'-DDE	1	6.14	6.07	6.21		0.46	
	2	7.17	7.11	7.25		0.44	4.5
Endrin	1	6.51	6.45	6.59		0.51	
	2	7.55	7.49	7.63		0.49	4.1
Endosulfan II	1	6.78	6.72	6.86		0.50	
	2	7.76	7.69	7.83		0.47	6.4
4,4'-DDD	1	6.64	6.58	6.72		0.48	
	2	7.66	7.60	7.74		0.44	9.1
Endosulfan sulfate	1	7.16	7.10	7.24		0.59	
	2	8.10	8.04	8.18		0.51	15.7

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43888BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43888BS Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
4,4'-DDT	1	6.88	6.82	6.96		0.49	
	2	7.97	7.90	8.04		0.50	2.0
Methoxychlor	1	7.43	7.37	7.51		0.55	
	2	8.42	8.35	8.49		0.49	12.2
Endrin ketone	1	7.65	7.58	7.72		0.55	
	2	8.58	8.51	8.65		0.51	7.8
Endrin aldehyde	1	6.95	6.89	7.03		0.49	
	2	7.88	7.81	7.95		0.46	6.5
alpha-Chlordane	1	5.97	5.90	6.04		0.47	
	2	7.02	6.96	7.10		0.47	0.0
gamma-Chlordane	1	5.91	5.85	5.99		0.47	
	2	6.95	6.88	7.02		0.47	0.0

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43888BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43888BSD Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
alpha-BHC	1	4.45	4.40	4.50		0.52	
	2	5.18	5.14	5.24		0.55	5.8
beta-BHC	1	4.97	4.93	5.03		0.52	
	2	5.64	5.60	5.70		0.55	5.8
delta-BHC	1	5.17	5.13	5.23		0.53	
	2	5.87	5.82	5.92		0.55	3.8
gamma-BHC (Lindane)	1	4.73	4.68	4.78		0.53	
	2	5.48	5.43	5.53		0.56	5.7
Heptachlor	1	5.01	4.97	5.07		0.53	
	2	6.01	5.96	6.06		0.54	1.9
Aldrin	1	5.26	5.21	5.31		0.47	
	2	6.32	6.28	6.38		0.48	2.1
Heptachlor epoxide	1	5.69	5.63	5.77		0.51	
	2	6.71	6.64	6.78		0.51	0.0
Endosulfan I	1	6.02	5.96	6.10		0.51	
	2	7.07	7.01	7.15		0.50	2.0
Dieldrin	1	6.26	6.19	6.33		0.49	
	2	7.33	7.27	7.41		0.49	0.0
4,4'-DDE	1	6.14	6.07	6.21		0.48	
	2	7.17	7.11	7.25		0.46	4.3
Endrin	1	6.51	6.45	6.59		0.53	
	2	7.55	7.49	7.63		0.50	6.0
Endosulfan II	1	6.78	6.72	6.86		0.51	
	2	7.76	7.69	7.83		0.48	6.3
4,4'-DDD	1	6.64	6.58	6.72		0.50	
	2	7.66	7.60	7.74		0.46	8.7
Endosulfan sulfate	1	7.16	7.10	7.24		0.61	
	2	8.10	8.04	8.18		0.53	15.1

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43888BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43888BSD Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
4,4'-DDT	1	6.88	6.82	6.96		0.52	
	2	7.97	7.90	8.04		0.52	0.0
Methoxychlor	1	7.43	7.37	7.51		0.57	
	2	8.42	8.35	8.49		0.51	11.8
Endrin ketone	1	7.65	7.58	7.72		0.56	
	2	8.58	8.51	8.65		0.53	5.7
Endrin aldehyde	1	6.95	6.89	7.03		0.51	
	2	7.88	7.81	7.95		0.47	8.5
alpha-Chlordane	1	5.97	5.90	6.04		0.49	
	2	7.02	6.96	7.10		0.48	2.1
gamma-Chlordane	1	5.91	5.85	5.99		0.49	
	2	6.95	6.88	7.02		0.48	2.1

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43893BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43893BS Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
alpha-BHC	1	4.45	4.40	4.50		16	
	2	5.18	5.14	5.24		17	6.3
beta-BHC	1	4.98	4.93	5.03		16	
	2	5.64	5.60	5.70		17	6.3
delta-BHC	1	5.18	5.13	5.23		17	
	2	5.87	5.82	5.92		17	0.0
gamma-BHC (Lindane)	1	4.73	4.68	4.78		17	
	2	5.48	5.43	5.53		18	5.9
Heptachlor	1	5.01	4.97	5.07		17	
	2	6.01	5.96	6.06		18	5.9
Aldrin	1	5.26	5.21	5.31		16	
	2	6.32	6.28	6.38		16	0.0
Heptachlor epoxide	1	5.69	5.63	5.77		15	
	2	6.71	6.64	6.78		15	0.0
Endosulfan I	1	6.02	5.96	6.10		15	
	2	7.07	7.01	7.15		15	0.0
Dieldrin	1	6.26	6.19	6.33		15	
	2	7.33	7.27	7.41		14	7.1
4,4'-DDE	1	6.14	6.07	6.21		16	
	2	7.17	7.11	7.25		15	6.7
Endrin	1	6.52	6.45	6.59		16	
	2	7.55	7.49	7.63		14	14.3
Endosulfan II	1	6.78	6.72	6.86		15	
	2	7.76	7.69	7.83		14	7.1
4,4'-DDD	1	6.65	6.58	6.72		15	
	2	7.66	7.60	7.74		14	7.1
Endosulfan sulfate	1	7.16	7.10	7.24		18	
	2	8.10	8.04	8.18		15	20.0

10A
PESTICIDE IDENTIFICATION SUMMARY

CLIENT SAMPLE NO.

PB43893BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab Sample ID: PB43893BS Date(s) Analyzed: 8/10/2009 8/10/2009

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

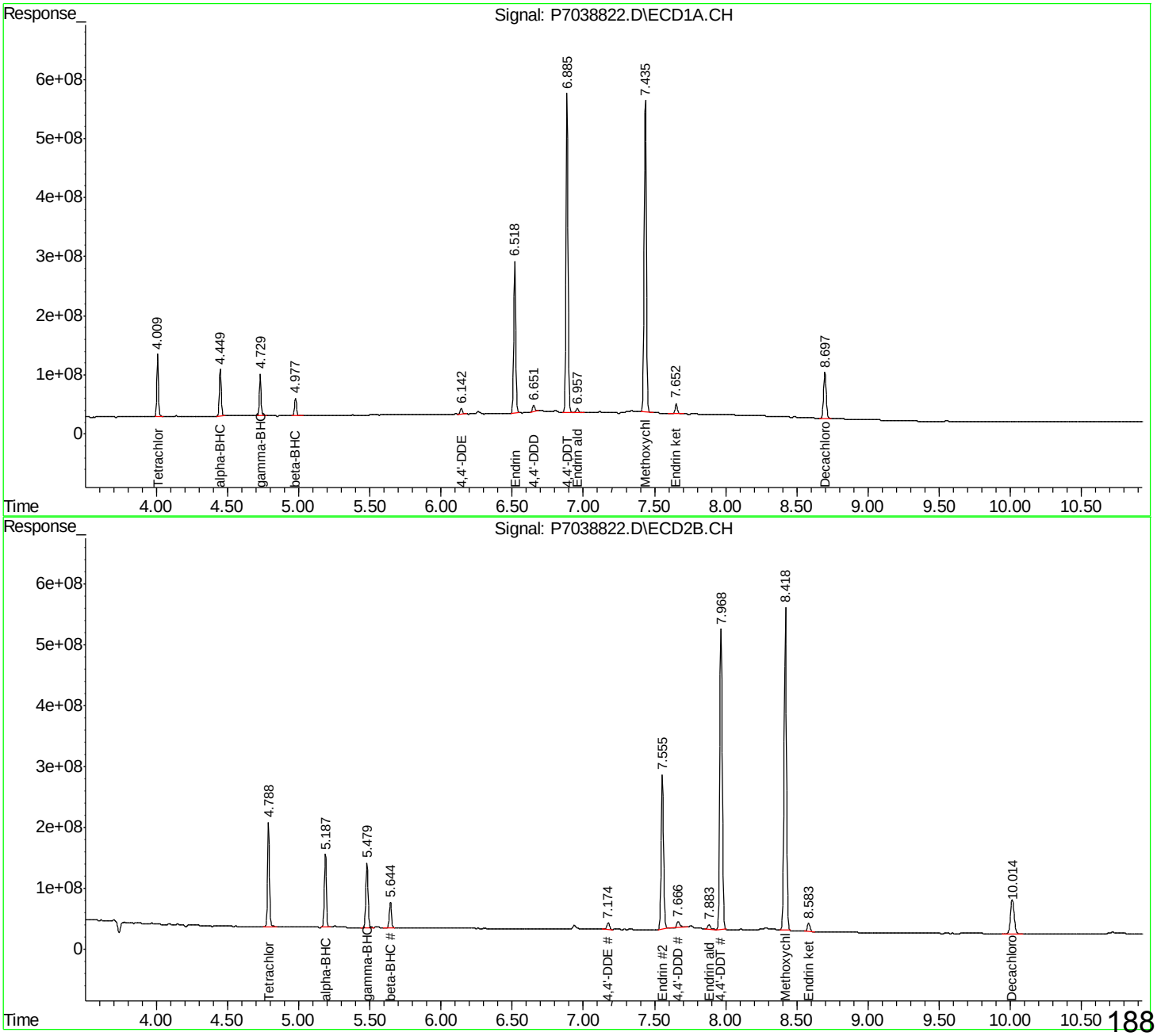
ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION		%D
4,4'-DDT	1	6.88	6.82	6.96		16	
	2	7.97	7.90	8.04		16	0.0
Methoxychlor	1	7.43	7.37	7.51		17	
	2	8.42	8.35	8.49		15	13.3
Endrin ketone	1	7.65	7.58	7.72		17	
	2	8.58	8.51	8.65		16	6.3
Endrin aldehyde	1	6.95	6.89	7.03		16	
	2	7.88	7.81	7.95		15	6.7
alpha-Chlordane	1	5.97	5.90	6.04		15	
	2	7.02	6.96	7.10		15	0.0
gamma-Chlordane	1	5.91	5.85	5.99		15	
	2	6.95	6.88	7.02		15	0.0

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038822.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:37
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:31:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038822.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:37
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:31:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

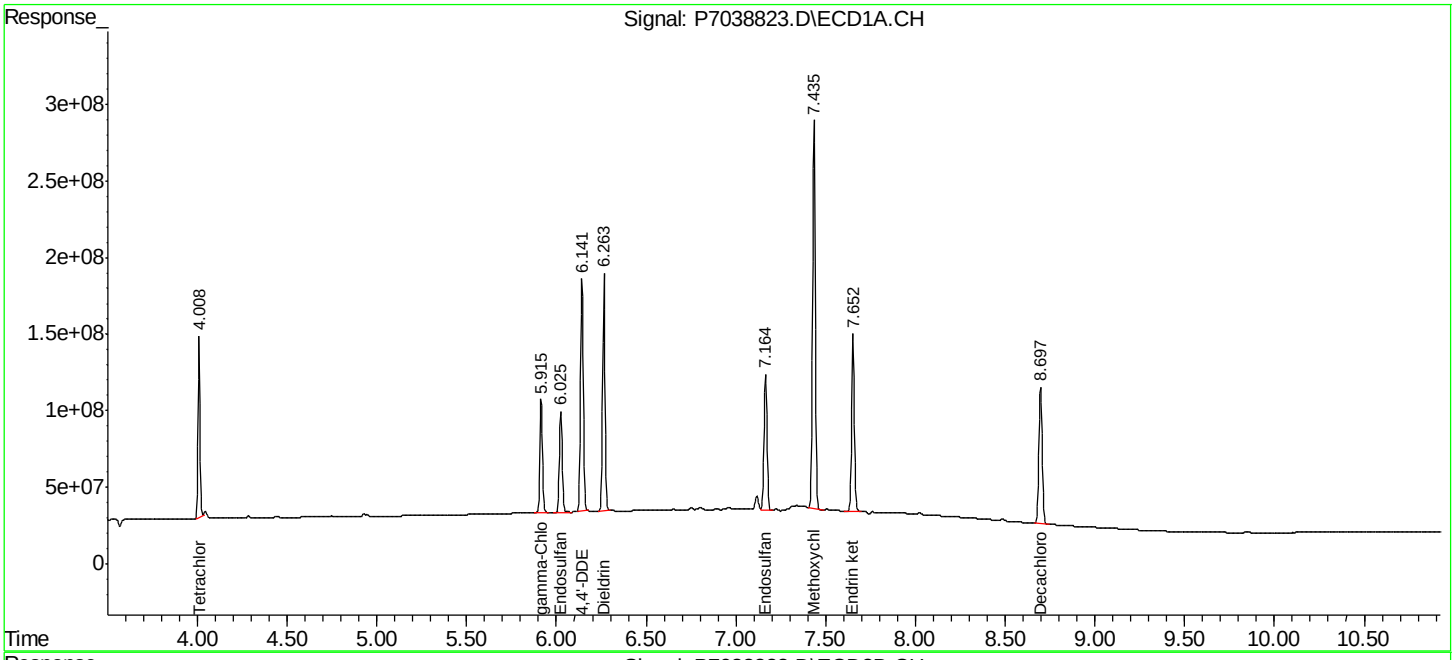
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.010	4.789	915.0E6	1728.7E6	20.548	20.423
22) SA	Decachlor...	8.698	10.015	938.2E6	1010.8E6	19.519	19.991
	Target Compounds						
2) A	alpha-BHC	4.451	5.188	689.2E6	1234.8E6	9.163	9.518
3) MA	gamma-BHC...	4.731	5.481	649.3E6	1097.0E6	9.473	9.678
6) B	beta-BHC	4.978	5.645	273.7E6	436.7E6	10.457	9.976
12) B	4,4'-DDE	6.143	7.175	99865944	134.9E6	1.489	1.522
14) MA	Endrin	6.519	7.556	2789.9E6	3174.5E6	49.011	48.171
16) A	4,4'-DDD	6.652	7.667	124.8E6	138.7E6	2.090	1.911
17) MA	4,4'-DDT	6.887	7.969	5666.4E6	6139.9E6	105.779	118.888
18) B	Endrin al...	6.958	7.884	79849204	88655667	1.584	1.449
20) A	Methoxychlor	7.436	8.420	6147.2E6	6813.9E6	250.570	254.584
21) B	Endrin ke...	7.653	8.585	192.5E6	171.3E6	3.087	2.853

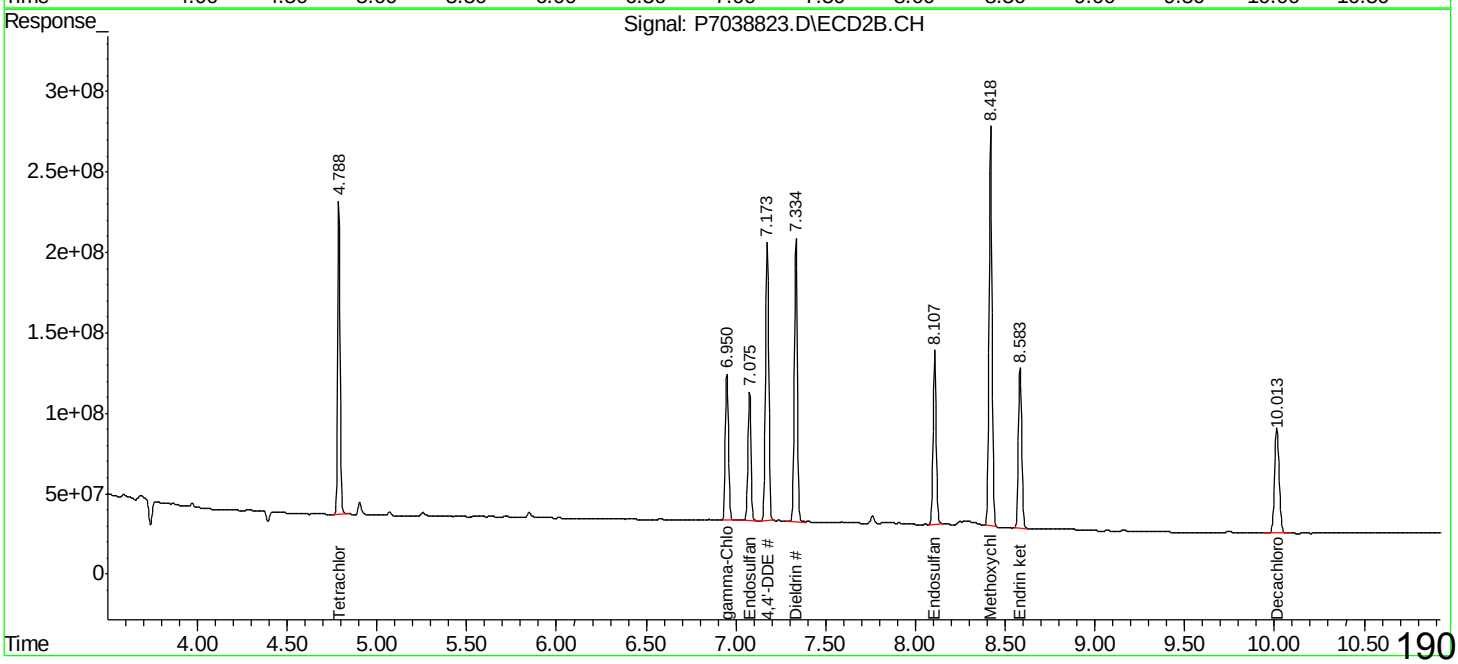
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:52
Operator : JJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:32:01 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:52
Operator : JJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:32:01 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.789	1016.3E6	1922.1E6	22.823	22.707
22)	SA Decachlor...	8.698	10.015	1083.1E6	1163.7E6	22.533	23.014
	Target Compounds						
9)	A Endosulfan I	6.026	7.076	695.5E6	971.7E6	11.224	11.408
10)	B gamma-Chl...	5.916	6.951	769.3E6	1099.2E6	11.133	11.413
12)	B 4,4'-DDE	6.143	7.174	1567.8E6	2091.6E6	23.380	23.600
13)	MA Dieldrin	6.264	7.335	1649.4E6	2139.1E6	23.036	23.461
19)	B Endosulfa...	7.166	8.108	978.6E6	1375.1E6	21.077	21.193
20)	A Methoxychlor	7.436	8.419	2884.1E6	3114.5E6	117.562	116.366
21)	B Endrin ke...	7.653	8.585	1304.4E6	1263.8E6	20.926	21.049

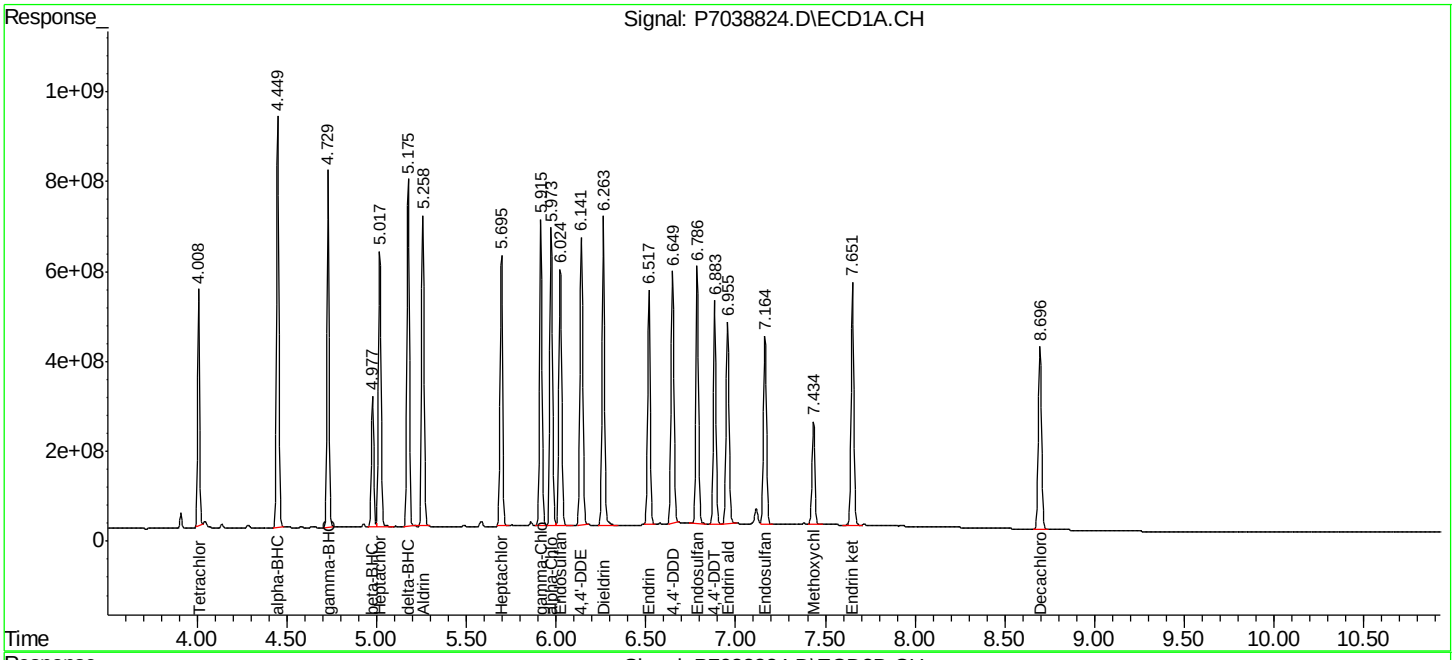
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

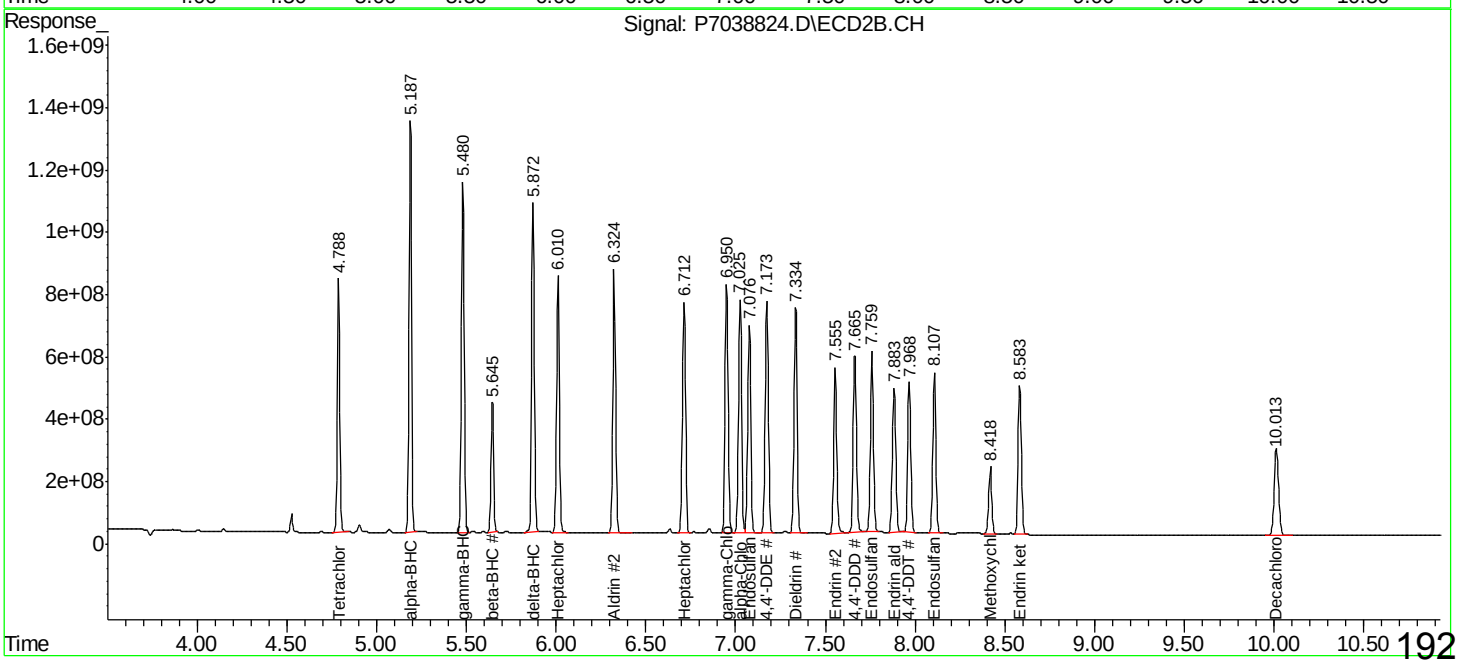
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:06
Operator : JJ
Sample : 100 PPB PEST STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:24:56 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



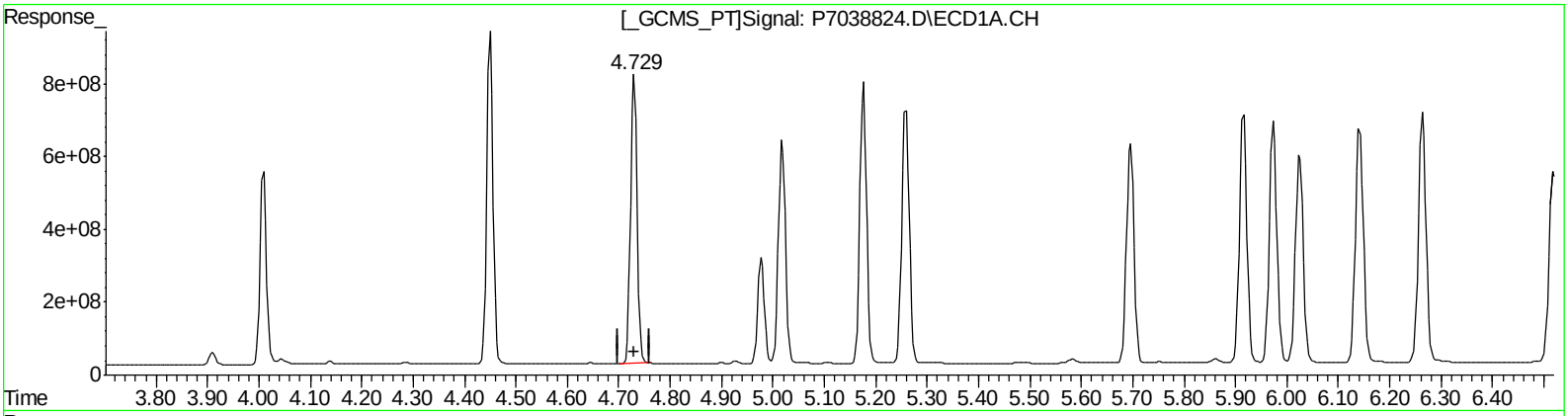


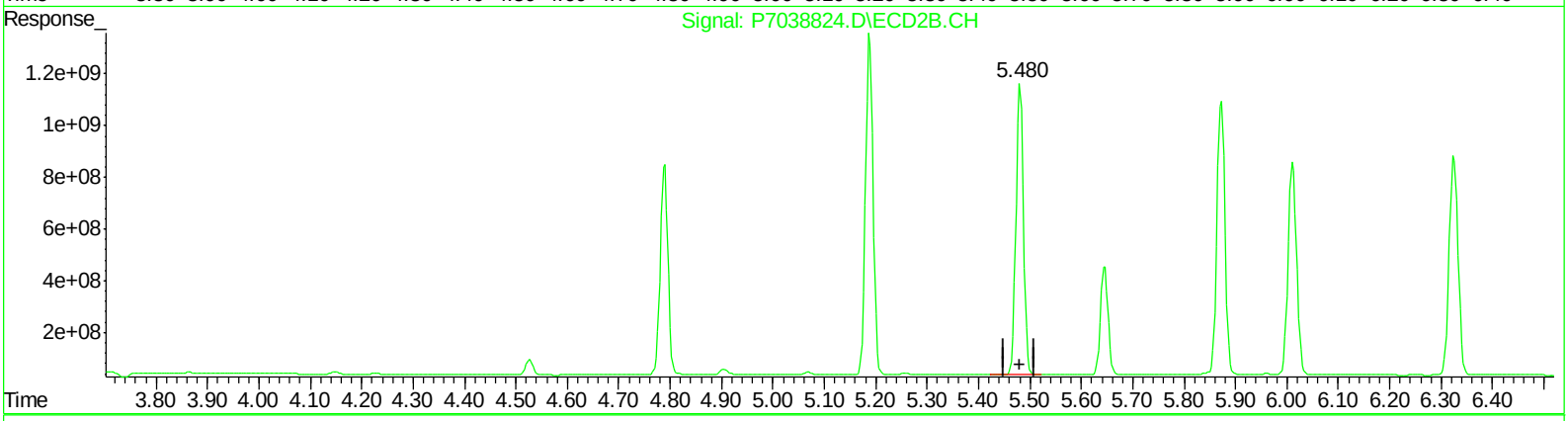
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 17 Jul 2009 13:06
Operator : JJ
Sample   : 100 PPB PEST STD
Misc   :
ALS Vial : 5   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.731min 102.265 ng/ml

response 7102272475

(3) gamma-BHC (Lindane) #2 (MA)

5.483min 69.161 ng/ml

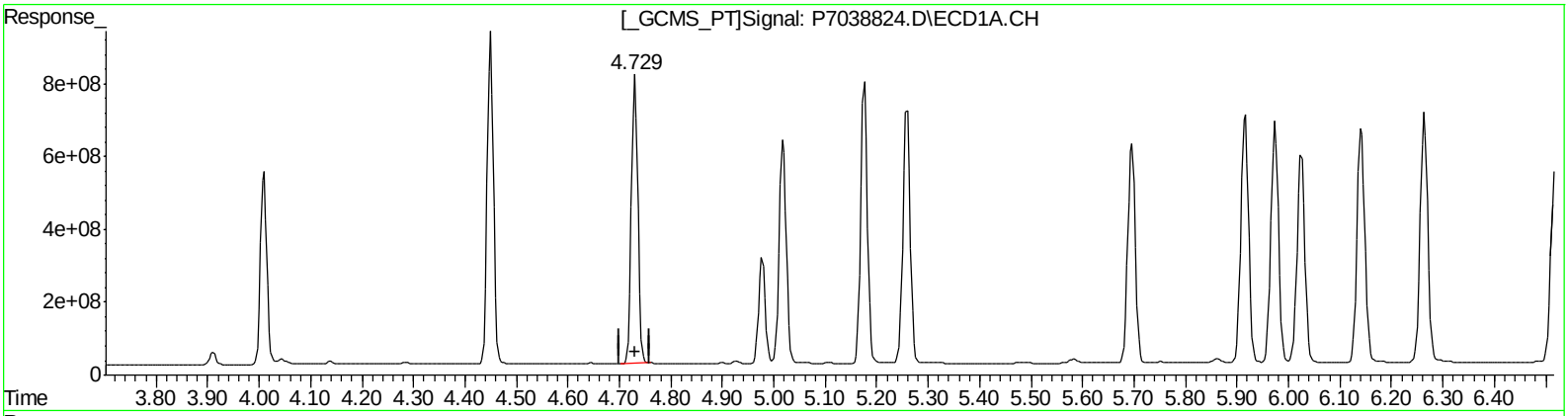
response 7980818344

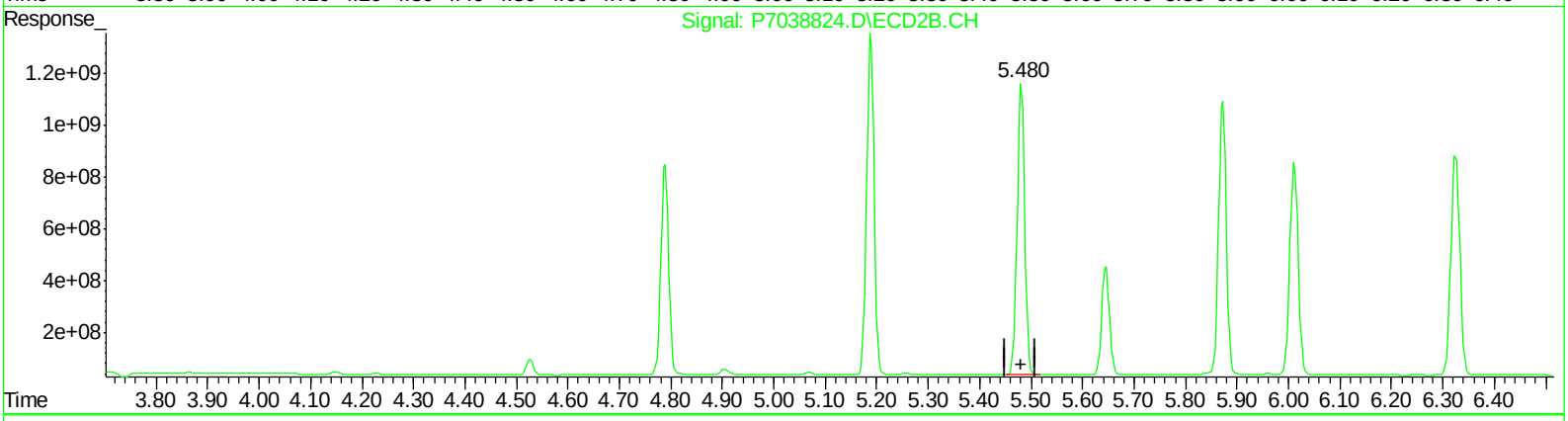
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:06
Operator : JJ
Sample : 100 PPB PEST STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.731min 102.265 ng/ml

response 7102272475

(3) gamma-BHC (Lindane) #2 (MA)

5.480min 100.392 ng/ml m

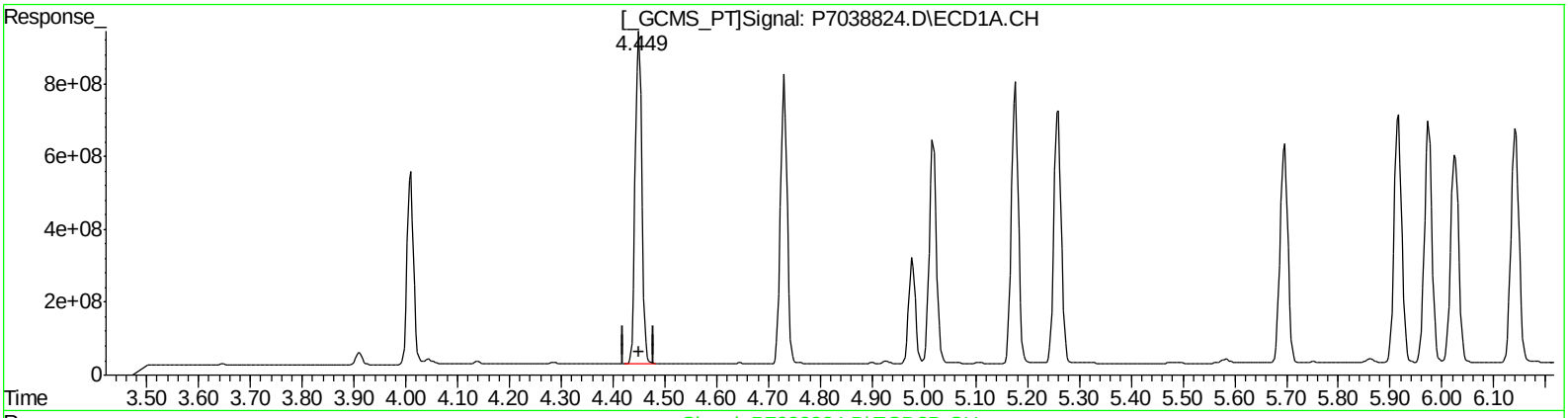
response 11584675576

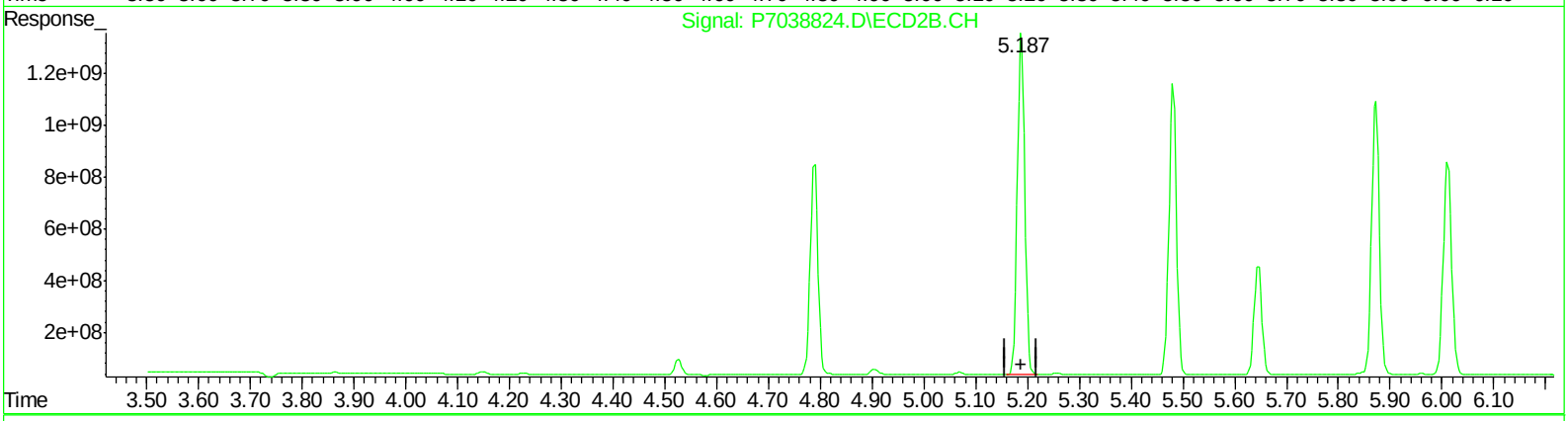
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 17 Jul 2009 13:06
Operator : JJ
Sample   : 100 PPB PEST STD
Misc   :
ALS Vial : 5   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.450min 102.263 ng/ml

response 7853931872

(2) alpha-BHC #2 (A)

5.188min 73.147 ng/ml

response 9616378984

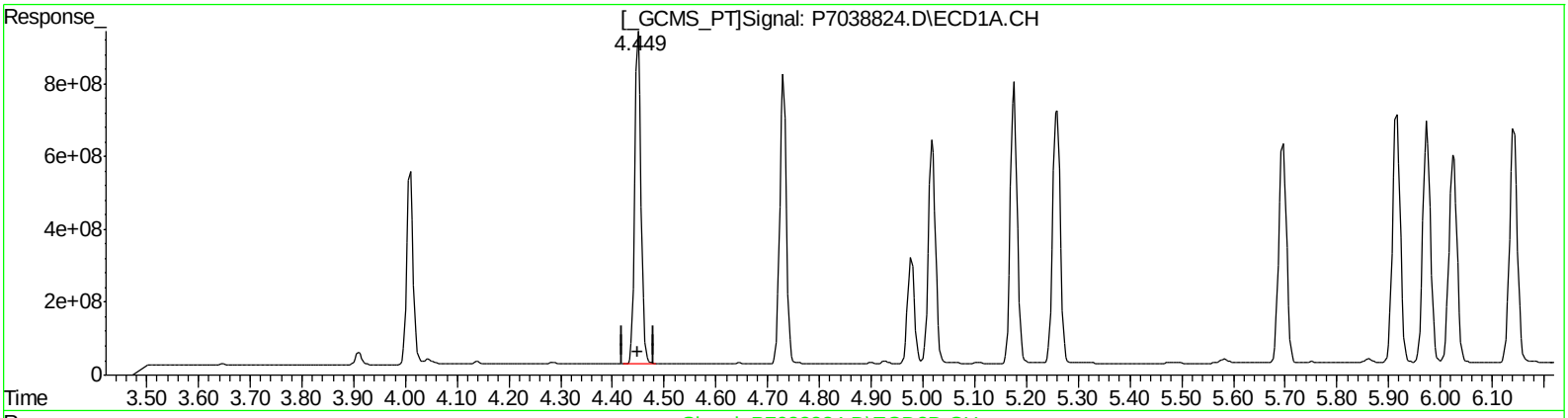
(+) = Expected Retention Time

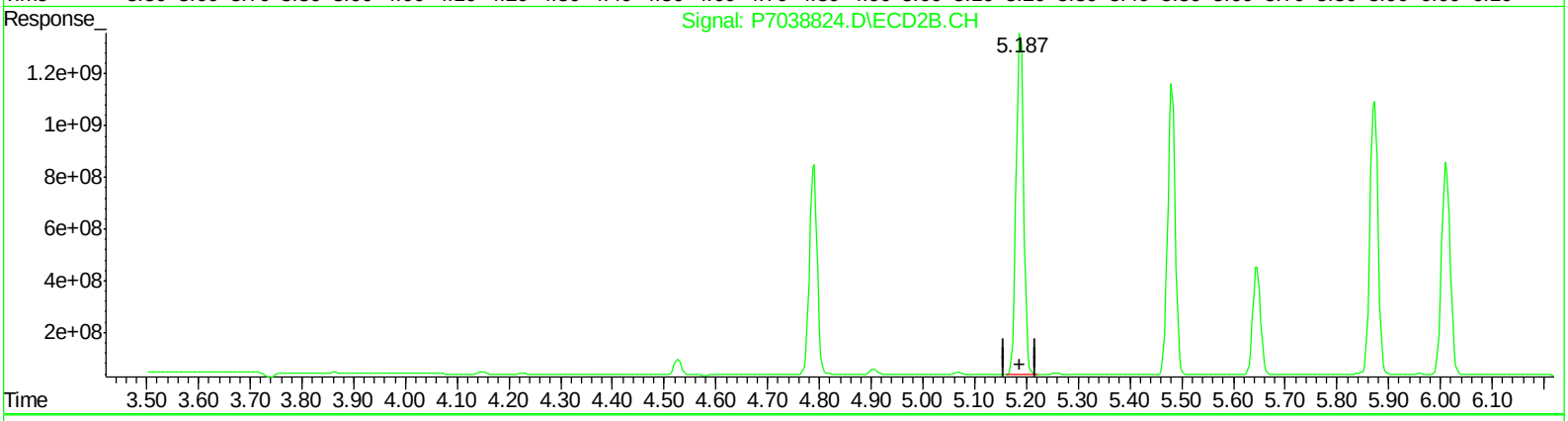
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 17 Jul 2009 13:06
Operator : JJ
Sample   : 100 PPB PEST STD
Misc   :
ALS Vial : 5   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.450min 102.263 ng/ml

response 7853931872

(2) alpha-BHC #2 (A)

5.187min 100.527 ng/ml m

response 13215954950

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:06
Operator : JJ
Sample : 100 PPB PEST STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:24:56 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:23:44 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.790	4515.0E6	8368.1E6	100.801	99.236
22)	SA Decachlor...	8.697	10.014	4832.4E6	4954.4E6	100.704	99.326
	Target Compounds						
2)	A alpha-BHC	4.450	5.187	7853.9E6	13216.0E6	102.263	100.527m
3)	MA gamma-BHC...	4.731	5.480	7102.3E6	11584.7E6	102.265	100.392m
4)	MA Heptachlor	5.018	6.012	6045.6E6	9548.8E6	102.596	99.282
5)	MB Aldrin	5.259	6.326	6946.2E6	10166.7E6	100.579	98.188
6)	B beta-BHC	4.978	5.646	2653.7E6	4355.3E6	101.195	99.213
7)	B delta-BHC	5.177	5.873	7140.0E6	11228.7E6	102.743	100.509
8)	B Heptachlo...	5.696	6.714	6258.7E6	8862.4E6	98.921	97.032
9)	A Endosulfan I	6.026	7.077	6143.0E6	8196.6E6	99.053	97.185
10)	B gamma-Chl...	5.916	6.951	7070.8E6	9502.9E6	101.310	99.393
11)	B alpha-Chl...	5.974	7.026	6796.1E6	9073.0E6	101.046	99.067
12)	B 4,4'-DDE	6.142	7.175	6837.7E6	8816.9E6	101.051	99.067
13)	MA Dieldrin	6.264	7.336	7178.2E6	8976.1E6	99.468	98.348
14)	MA Endrin	6.519	7.556	5698.2E6	6645.9E6	99.297	100.329
15)	B Endosulfa...	6.787	7.761	6217.4E6	7246.3E6	99.134	98.210
16)	A 4,4'-DDD	6.650	7.666	6032.4E6	7113.4E6	100.308	98.396
17)	MA 4,4'-DDT	6.885	7.969	5411.4E6	5905.2E6	104.882	103.354
18)	B Endrin al...	6.957	7.884	4945.0E6	5905.7E6	98.951	97.981
19)	B Endosulfa...	7.165	8.109	4684.0E6	6580.2E6	100.165	100.137
20)	A Methoxychlor	7.435	8.420	2577.9E6	2774.8E6	99.350	99.593
21)	B Endrin ke...	7.653	8.585	6272.7E6	6085.2E6	98.937	99.495

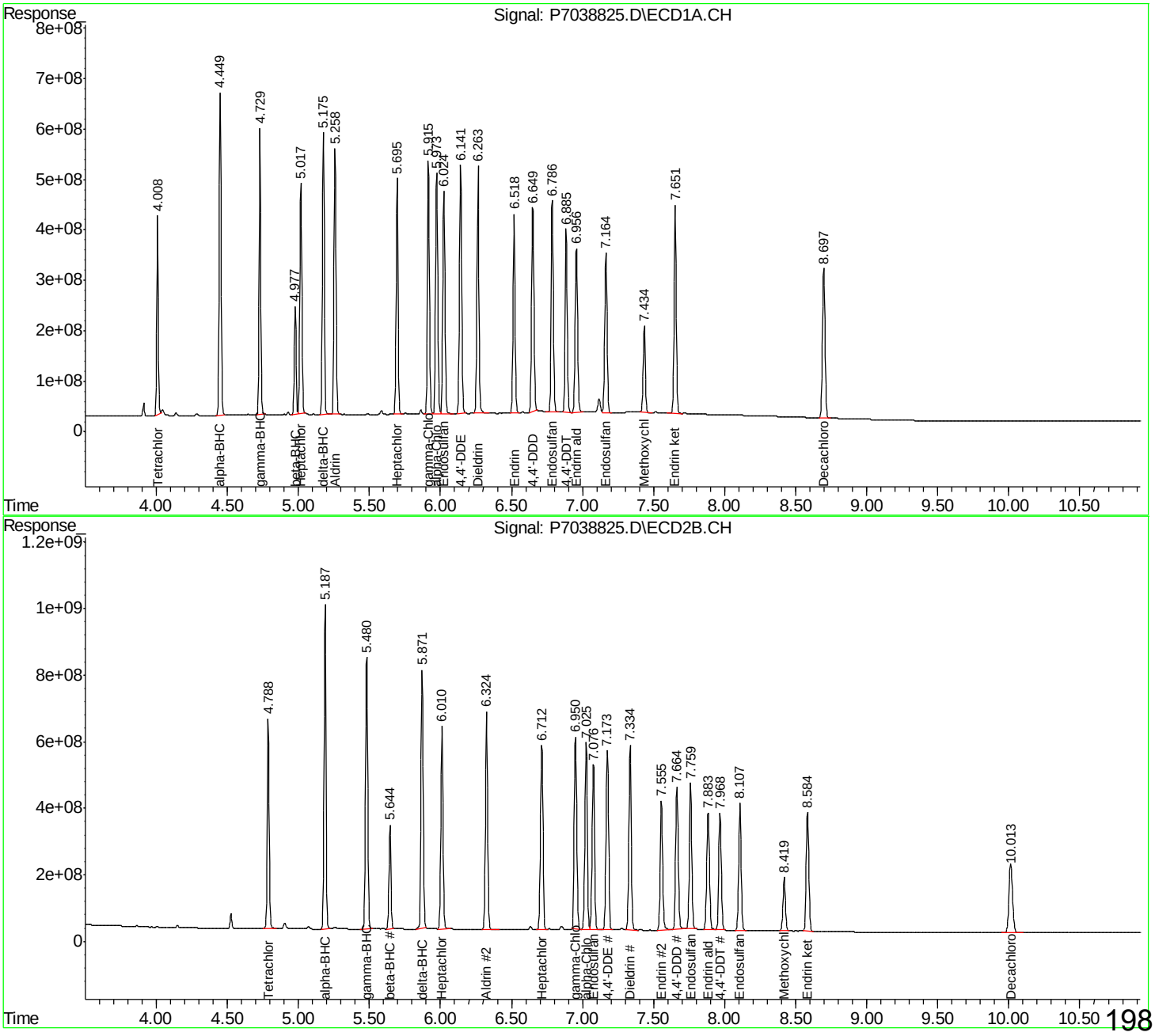
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:20
Operator : JJ
Sample : 75 PPB PEST STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:11 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:22:52 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:20
Operator : JJ
Sample : 75 PPB PEST STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:23:11 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:22:52 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.789	3335.8E6	6230.0E6	73.955	72.793
22)	SA Decachlor...	8.698	10.014	3558.5E6	3684.0E6	73.333	72.750
	Target Compounds						
2)	A alpha-BHC	4.451	5.189	5738.9E6	9741.6E6	74.449	73.220
3)	MA gamma-BHC...	4.730	5.481	5180.4E6	8548.2E6	74.188	73.179
4)	MA Heptachlor	5.018	6.011	4333.6E6	7096.9E6	72.141	72.616
5)	MB Aldrin	5.259	6.325	5123.4E6	7613.8E6	73.387	72.123
6)	B beta-BHC	4.978	5.646	1934.0E6	3235.0E6	72.537	72.428
7)	B delta-BHC	5.177	5.872	5188.6E6	8277.8E6	74.330	73.212
8)	B Heptachlo...	5.696	6.713	4665.0E6	6684.2E6	72.504	71.452
9)	A Endosulfan I	6.026	7.077	4562.8E6	6177.9E6	72.200	71.579
10)	B gamma-Chl...	5.916	6.952	5182.5E6	7054.3E6	73.523	72.603
11)	B alpha-Chl...	5.975	7.026	4987.6E6	6755.8E6	73.335	72.572
12)	B 4,4'-DDE	6.142	7.175	5019.8E6	6569.6E6	73.387	72.670
13)	MA Dieldrin	6.264	7.336	5333.7E6	6715.3E6	72.850	72.208
14)	MA Endrin	6.519	7.556	4224.2E6	4843.7E6	72.274	71.337
15)	B Endosulfa...	6.788	7.761	4625.8E6	5429.4E6	72.551	72.225
16)	A 4,4'-DDD	6.650	7.666	4454.0E6	5325.6E6	73.150	72.379
17)	MA 4,4'-DDT	6.886	7.969	3888.5E6	4285.3E6	75.736	75.004
18)	B Endrin al...	6.957	7.884	3696.1E6	4442.3E6	72.947	72.448
19)	B Endosulfa...	7.165	8.109	3463.1E6	4875.8E6	73.137	73.414
20)	A Methoxychlor	7.435	8.420	1914.7E6	2062.4E6	72.617	73.073
21)	B Endrin ke...	7.653	8.585	4676.6E6	4521.0E6	72.563	72.869

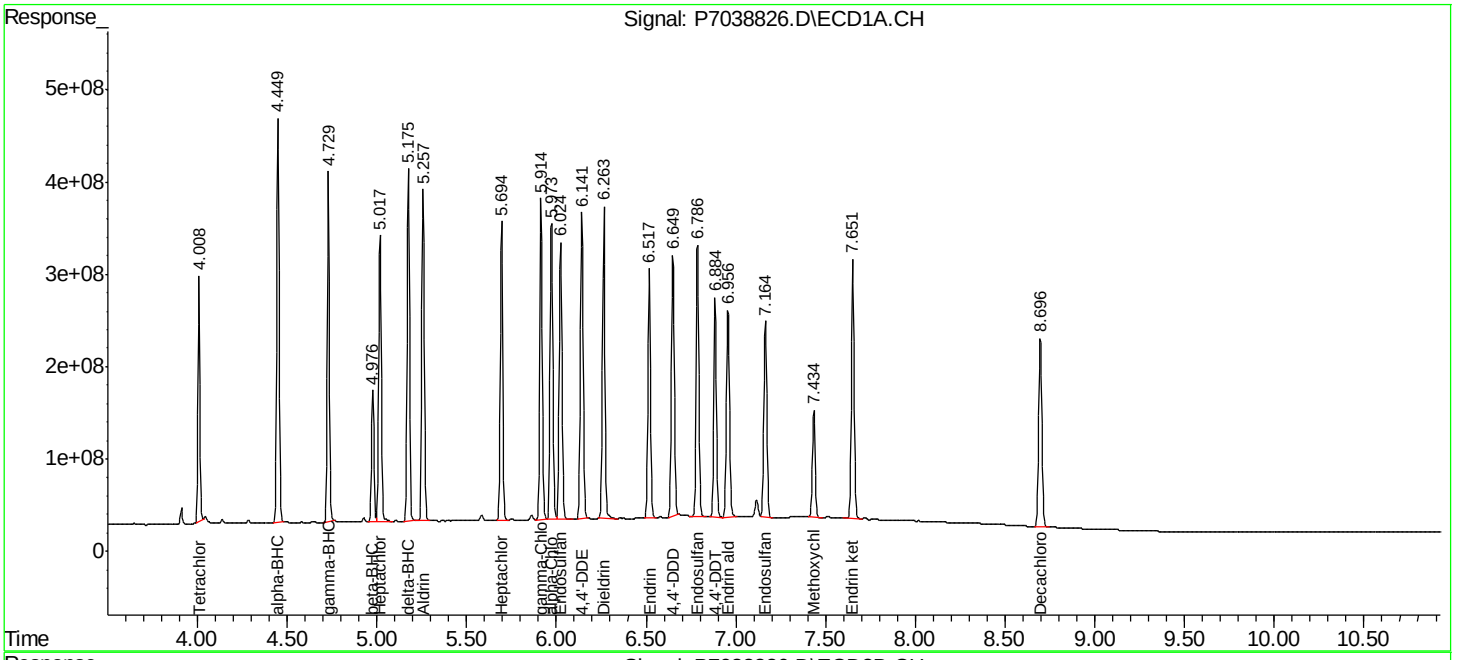
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

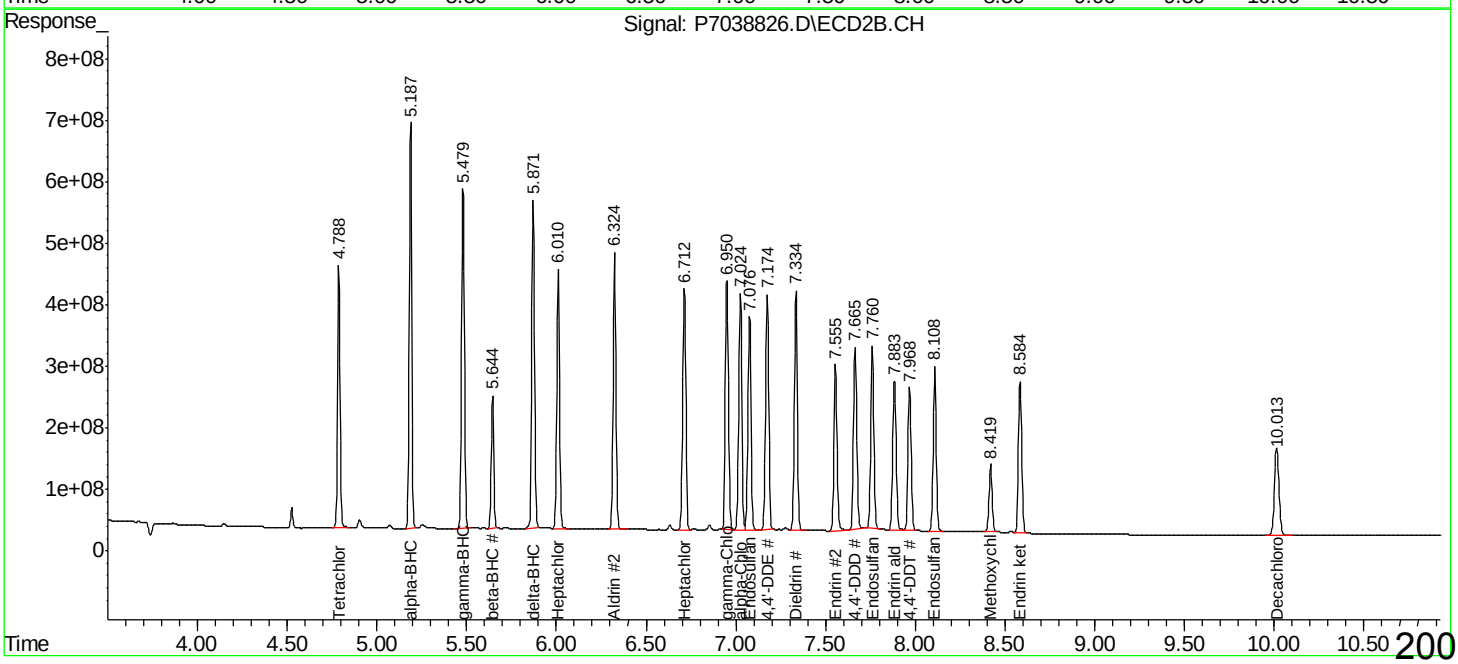
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038826.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:34
Operator : JJ
Sample : 50 PPB PEST STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:22:36 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:22:29 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038826.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:34
Operator : JJ
Sample : 50 PPB PEST STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:22:36 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:22:29 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.790	2255.3E6	4279.2E6	50.000	50.000
22)	SA Decachlor...	8.697	10.014	2426.3E6	2532.0E6	50.000	50.000
	Target Compounds						
2)	A alpha-BHC	4.450	5.188	3854.2E6	6652.2E6	50.000	50.000
3)	MA gamma-BHC...	4.730	5.481	3491.4E6	5840.6E6	50.000	50.000
4)	MA Heptachlor	5.018	6.011	3003.6E6	4886.6E6	50.000	50.000
5)	MB Aldrin	5.259	6.325	3490.7E6	5278.4E6	50.000	50.000
6)	B beta-BHC	4.977	5.646	1333.1E6	2233.2E6	50.000	50.000
7)	B delta-BHC	5.176	5.872	3490.3E6	5653.3E6	50.000	50.000
8)	B Heptachlo...	5.696	6.714	3217.0E6	4677.4E6	50.000	50.000
9)	A Endosulfan I	6.026	7.077	3159.9E6	4315.4E6	50.000	50.000
10)	B gamma-Chl...	5.916	6.951	3524.4E6	4858.1E6	50.000	50.000
11)	B alpha-Chl...	5.974	7.026	3400.6E6	4654.6E6	50.000	50.000
12)	B 4,4'-DDE	6.143	7.175	3420.1E6	4520.1E6	50.000	50.000
13)	MA Dieldrin	6.264	7.335	3660.8E6	4650.0E6	50.000	50.000
14)	MA Endrin	6.519	7.556	2922.4E6	3394.9E6	50.000	50.000
15)	B Endosulfa...	6.788	7.761	3187.9E6	3758.7E6	50.000	50.000
16)	A 4,4'-DDD	6.650	7.666	3044.5E6	3679.0E6	50.000	50.000
17)	MA 4,4'-DDT	6.886	7.969	2567.2E6	2856.7E6	50.000	50.000
18)	B Endrin al...	6.957	7.884	2533.4E6	3065.9E6	50.000	50.000
19)	B Endosulfa...	7.165	8.109	2367.6E6	3320.7E6	50.000	50.000
20)	A Methoxychlor	7.435	8.420	1318.3E6	1411.2E6	50.000	50.000
21)	B Endrin ke...	7.652	8.585	3222.4E6	3102.1E6	50.000	50.000

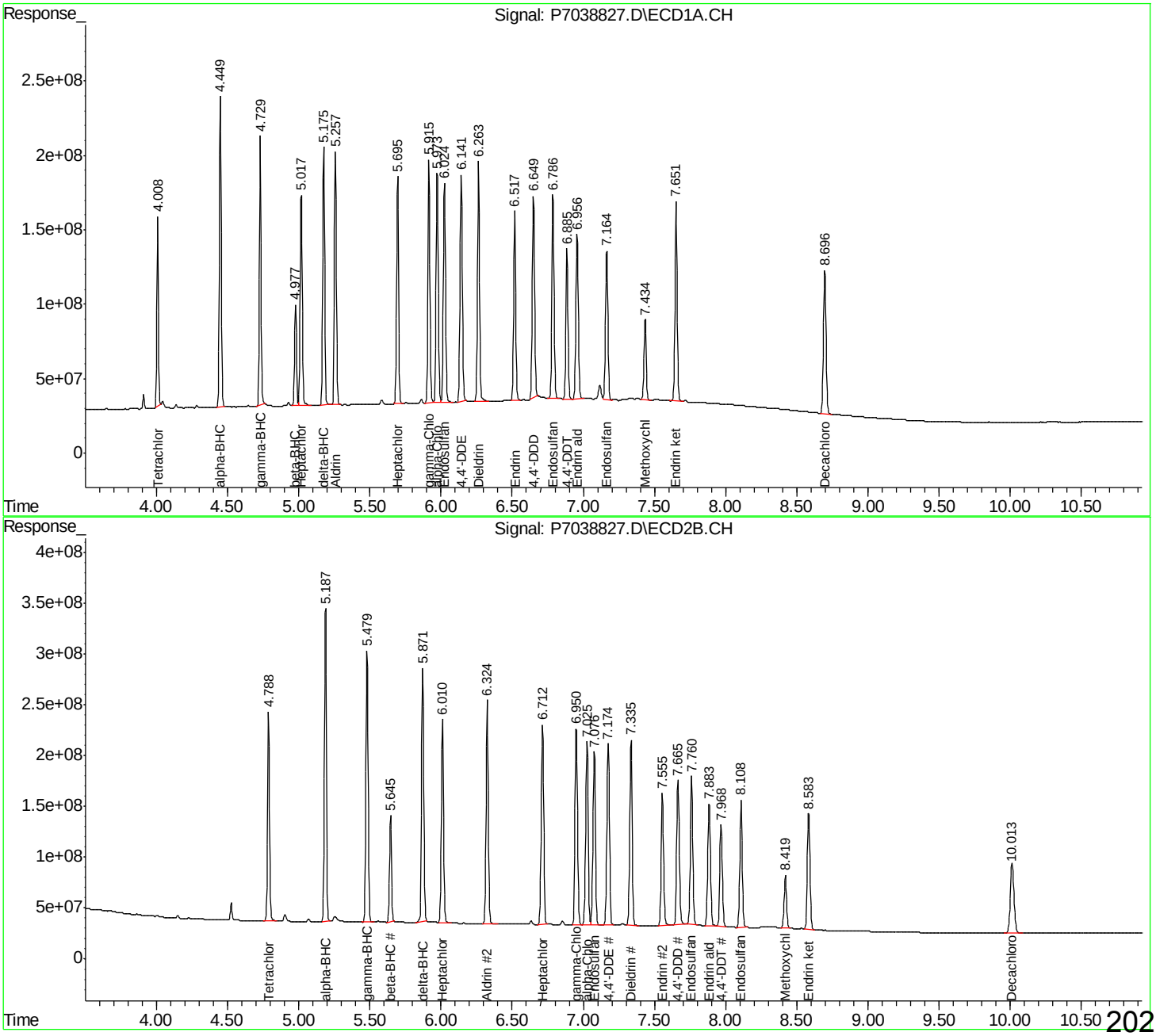
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038827.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:48
Operator : JJ
Sample : 25 PPB PEST STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:25:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:25:25 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038827.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 13:48
Operator : JJ
Sample : 25 PPB PEST STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:25:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:25:25 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.789	1084.8E6	2087.0E6	24.154	24.813
22)	SA Decachlor...	8.697	10.014	1167.5E6	1245.9E6	24.273	25.035
	Target Compounds						
2)	A alpha-BHC	4.450	5.188	1812.2E6	3173.0E6	23.419	24.093
3)	MA gamma-BHC...	4.730	5.481	1638.3E6	2778.2E6	23.413	24.044
4)	MA Heptachlor	5.018	6.011	1406.5E6	2329.8E6	23.665	24.282
5)	MB Aldrin	5.259	6.325	1669.6E6	2580.0E6	24.129	25.068
6)	B beta-BHC	4.978	5.646	643.2E6	1075.6E6	24.432	24.567
7)	B delta-BHC	5.176	5.873	1622.4E6	2670.8E6	23.134	23.866
8)	B Heptachlo...	5.696	6.714	1565.0E6	2302.2E6	24.825	25.458
9)	A Endosulfan I	6.026	7.077	1531.6E6	2121.9E6	24.775	25.397
10)	B gamma-Chl...	5.916	6.952	1671.2E6	2354.5E6	23.841	24.676
11)	B alpha-Chl...	5.975	7.026	1622.6E6	2254.7E6	24.042	24.695
12)	B 4,4'-DDE	6.143	7.175	1626.7E6	2181.5E6	23.956	24.588
13)	MA Dieldrin	6.265	7.336	1758.8E6	2260.1E6	24.415	24.900
14)	MA Endrin	6.519	7.556	1390.3E6	1629.7E6	24.284	24.575
15)	B Endosulfa...	6.787	7.761	1541.9E6	1833.8E6	24.656	25.003
16)	A 4,4'-DDD	6.650	7.666	1453.7E6	1792.4E6	24.148	24.926
17)	MA 4,4'-DDT	6.886	7.969	1098.6E6	1241.5E6	20.953	21.488
18)	B Endrin al...	6.957	7.885	1246.7E6	1520.9E6	25.035	25.404
19)	B Endosulfa...	7.165	8.109	1123.0E6	1580.3E6	24.001	24.037
20)	A Methoxychlor	7.435	8.421	608.8E6	663.0E6	23.512	23.827
21)	B Endrin ke...	7.653	8.585	1539.8E6	1472.8E6	24.373	24.122

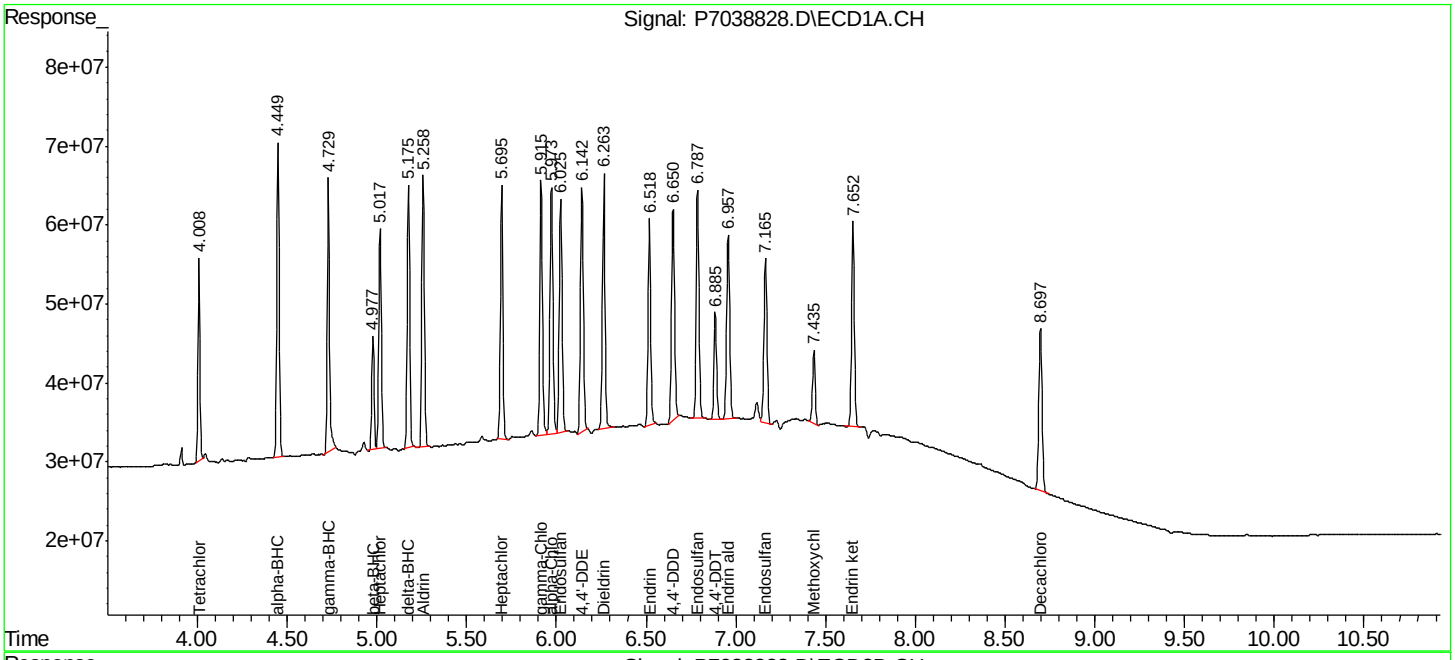
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

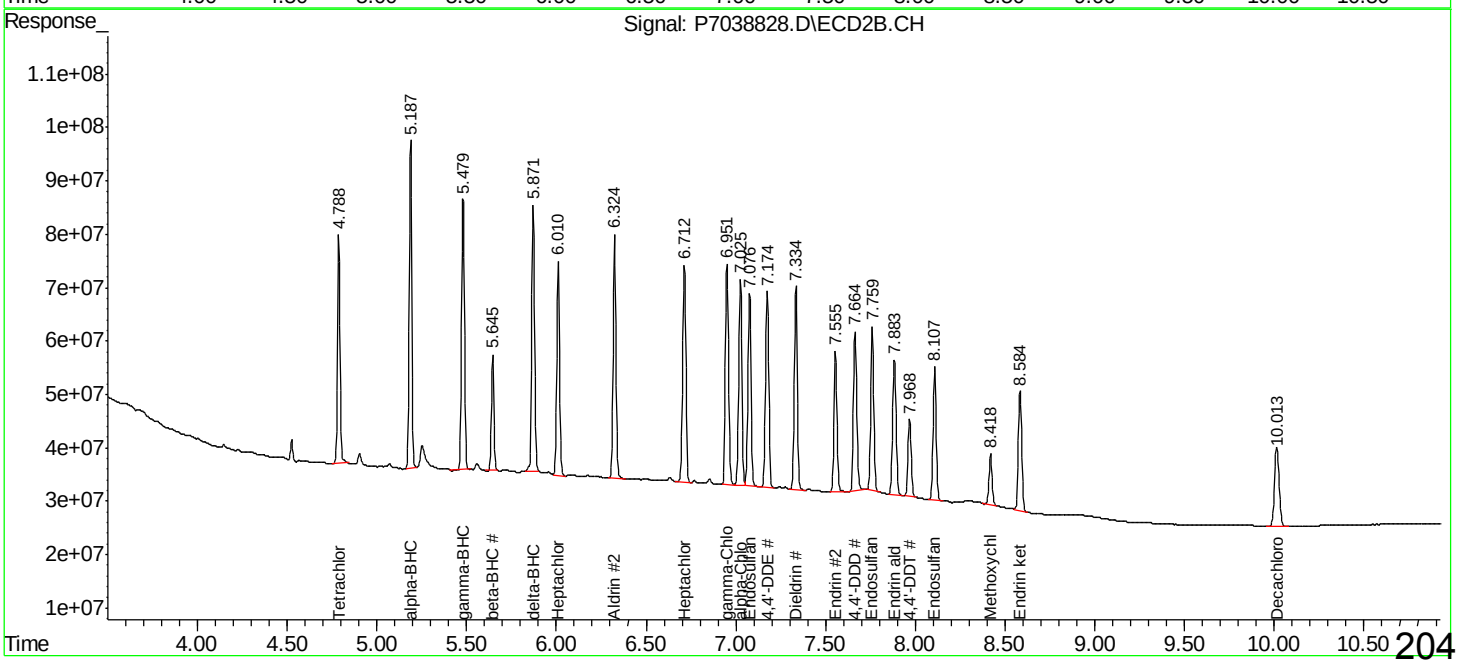
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038828.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:02
Operator : JJ
Sample : 5 PPB PEST STD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:26:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:25:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038828.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:02
Operator : JJ
Sample : 5 PPB PEST STD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:26:52 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:25:55 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.789	222.6E6	437.1E6	4.998	5.206
22)	SA Decachlor...	8.698	10.015	246.7E6	268.4E6	5.167	5.392
	Target Compounds						
2)	A alpha-BHC	4.450	5.188	357.3E6	633.4E6	4.691	4.854
3)	MA gamma-BHC...	4.731	5.481	336.3E6	545.2E6	4.883	4.764
4)	MA Heptachlor	5.018	6.011	265.0E6	471.5E6	4.519	4.950
5)	MB Aldrin	5.259	6.325	337.9E6	541.1E6	4.926	5.254
6)	B beta-BHC	4.978	5.646	130.7E6	222.5E6	4.994	5.103
7)	B delta-BHC	5.177	5.872	321.9E6	540.7E6	4.677	4.887
8)	B Heptachlo...	5.696	6.713	326.0E6	499.1E6	5.180	5.494
9)	A Endosulfan I	6.026	7.077	315.5E6	451.8E6	5.115	5.386
10)	B gamma-Chl...	5.916	6.952	341.6E6	505.6E6	4.931	5.316
11)	B alpha-Chl...	5.975	7.026	339.8E6	477.3E6	5.083	5.244
12)	B 4,4'-DDE	6.143	7.175	332.5E6	448.6E6	4.949	5.077
13)	MA Dieldrin	6.265	7.335	357.7E6	465.8E6	4.994	5.137
14)	MA Endrin	6.519	7.556	286.3E6	326.9E6	5.036	4.951
15)	B Endosulfa...	6.788	7.761	319.3E6	384.1E6	5.123	5.237
16)	A 4,4'-DDD	6.651	7.666	299.4E6	377.1E6	5.017	5.249
17)	MA 4,4'-DDT	6.887	7.970	145.8E6	176.2E6	2.898	3.161
18)	B Endrin al...	6.958	7.884	264.0E6	327.8E6	5.299	5.453
19)	B Endosulfa...	7.166	8.109	234.4E6	320.0E6	5.059	4.914
20)	A Methoxychlor	7.436	8.420	103.2E6	119.2E6	4.046	4.334
21)	B Endrin ke...	7.654	8.585	302.8E6	290.6E6	4.823	4.802

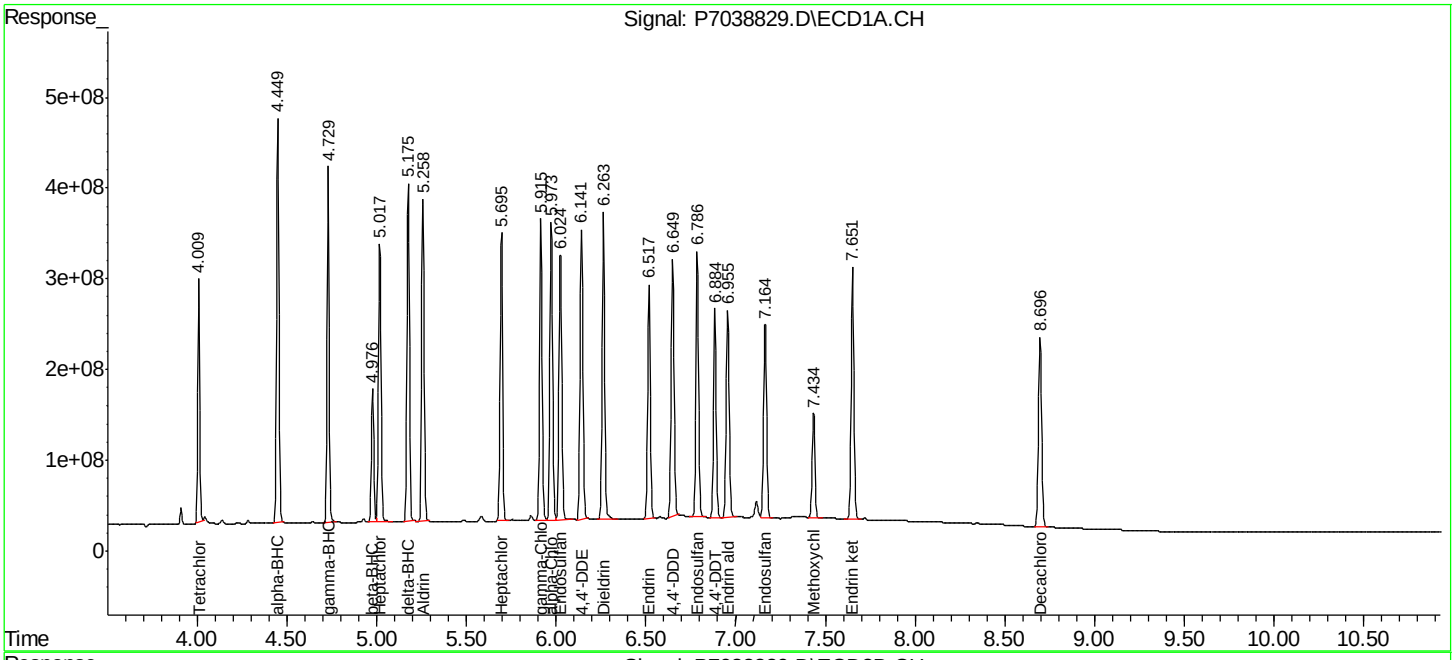
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

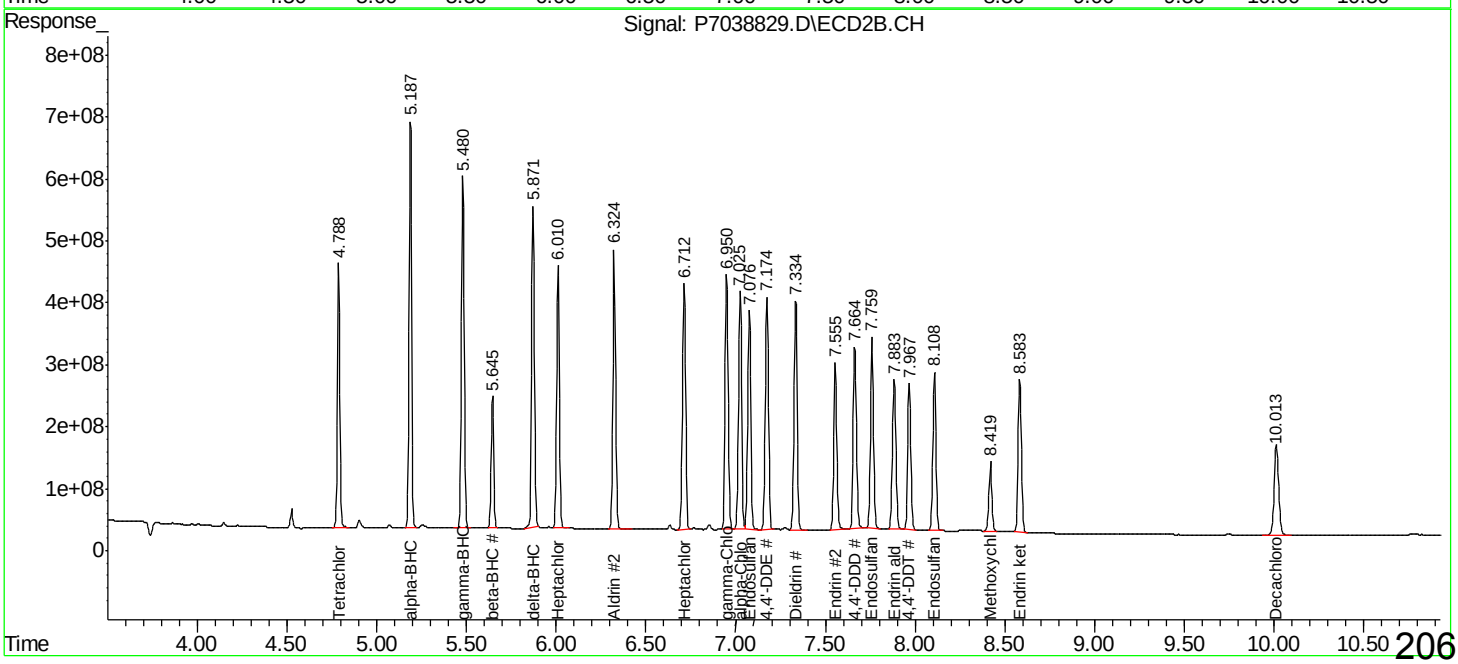
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038829.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:17
Operator : JJ
Sample : STD 50 ICV
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:35:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038829.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:17
Operator : JJ
Sample : STD 50 ICV
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:35:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.010	4.790	2253.3E6	4283.3E6	50.605	50.603
22)	SA Decachlor...	8.697	10.014	2460.5E6	2551.2E6	51.187	50.453
	Target Compounds						
2)	A alpha-BHC	4.451	5.189	3863.6E6	6665.7E6	51.367	51.378
3)	MA gamma-BHC...	4.730	5.481	3511.2E6	5848.3E6	51.226	51.591
4)	MA Heptachlor	5.018	6.011	2980.6E6	4864.5E6	51.824	51.168
5)	MB Aldrin	5.259	6.325	3492.8E6	5296.1E6	51.071	50.908
6)	B beta-BHC	4.978	5.646	1328.5E6	2218.3E6	50.760	50.675
7)	B delta-BHC	5.177	5.873	3494.7E6	5665.6E6	51.445	51.441
8)	B Heptachlo...	5.696	6.714	3222.3E6	4680.0E6	50.837	50.518
9)	A Endosulfan I	6.025	7.077	3158.8E6	4328.9E6	50.977	50.824
10)	B gamma-Chl...	5.916	6.951	3514.6E6	4883.5E6	50.867	50.706
11)	B alpha-Chl...	5.975	7.026	3398.5E6	4669.2E6	50.673	50.802
12)	B 4,4'-DDE	6.142	7.175	3407.5E6	4482.1E6	50.815	50.571
13)	MA Dieldrin	6.265	7.335	3657.8E6	4673.3E6	51.086	51.257
14)	MA Endrin	6.519	7.556	2878.9E6	3402.5E6	50.575	51.630
15)	B Endosulfa...	6.787	7.761	3184.0E6	3798.9E6	50.840	51.309
16)	A 4,4'-DDD	6.650	7.665	3034.5E6	3689.4E6	50.806	50.839
17)	MA 4,4'-DDT	6.885	7.969	2538.4E6	2847.0E6	49.490	55.127
18)	B Endrin al...	6.957	7.884	2533.1E6	3097.4E6	50.248	50.610
19)	B Endosulfa...	7.165	8.109	2380.0E6	3320.3E6	51.259	51.172
20)	A Methoxychlor	7.435	8.420	1300.4E6	1408.3E6	53.008	52.618
21)	B Endrin ke...	7.652	8.585	3243.0E6	3115.4E6	52.026	51.888

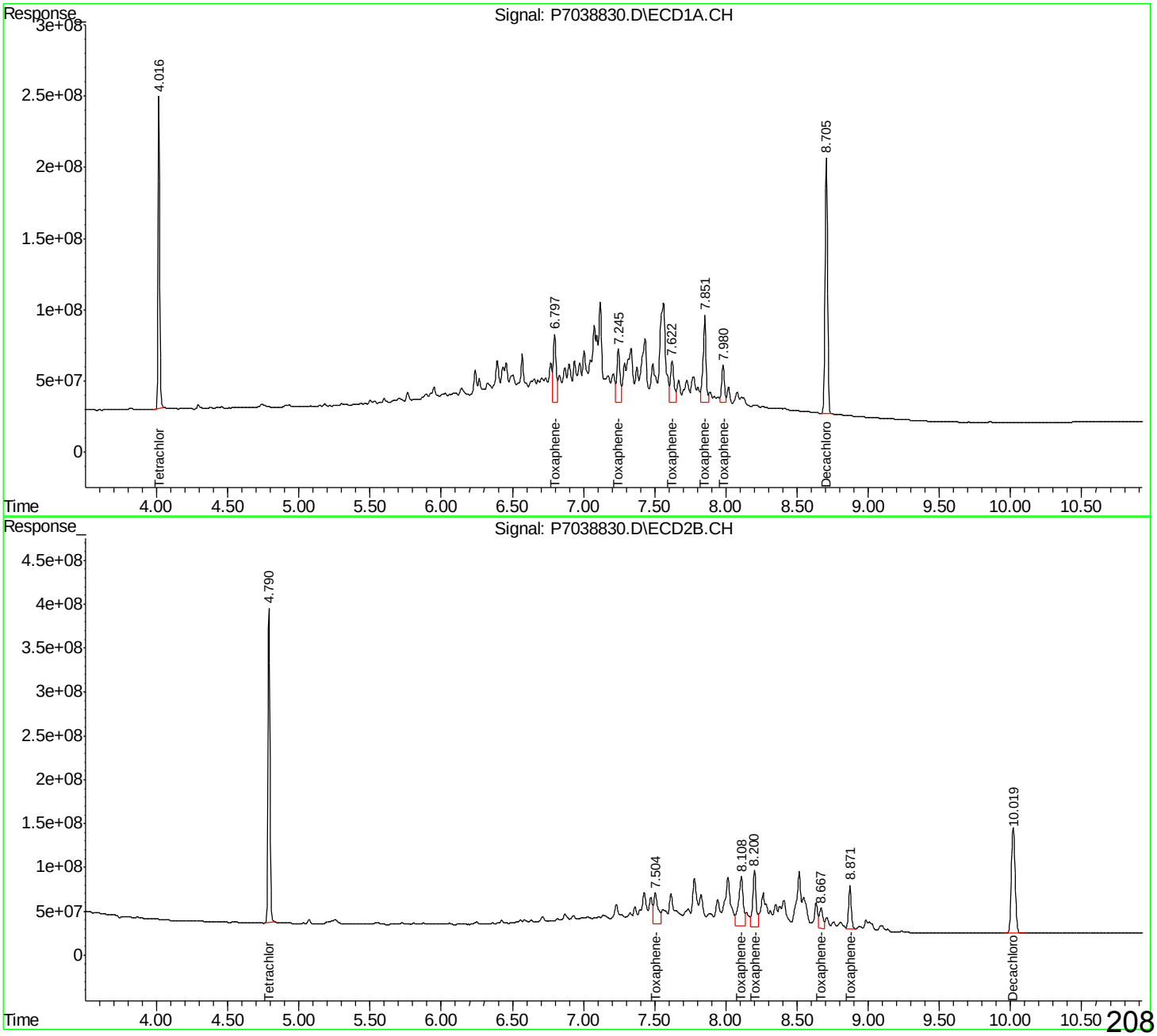
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038830.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:37
Operator : JJ
Sample : TOX 500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:34:37 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7TX071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:34:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038830.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:37
Operator : JJ
Sample : TOX 500
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:34:37 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7TX071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:34:22 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.018	4.792	1952.2E6	3564.5E6	50.000	50.000
7) SA	Decachlor...	8.706	10.020	2103.2E6	2168.7E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.798	7.505	675.0E6	769.6E6	500.000	500.000
3)	Toxaphene-2	7.247	8.110	586.8E6	1333.8E6	500.000	500.000
4)	Toxaphene-3	7.623	8.201	472.2E6	1033.0E6	500.000	500.000
5)	Toxaphene-4	7.853	8.669	951.3E6	412.0E6	500.000	500.000
6)	Toxaphene-5	7.981	8.873	342.5E6	702.8E6	500.000	500.000

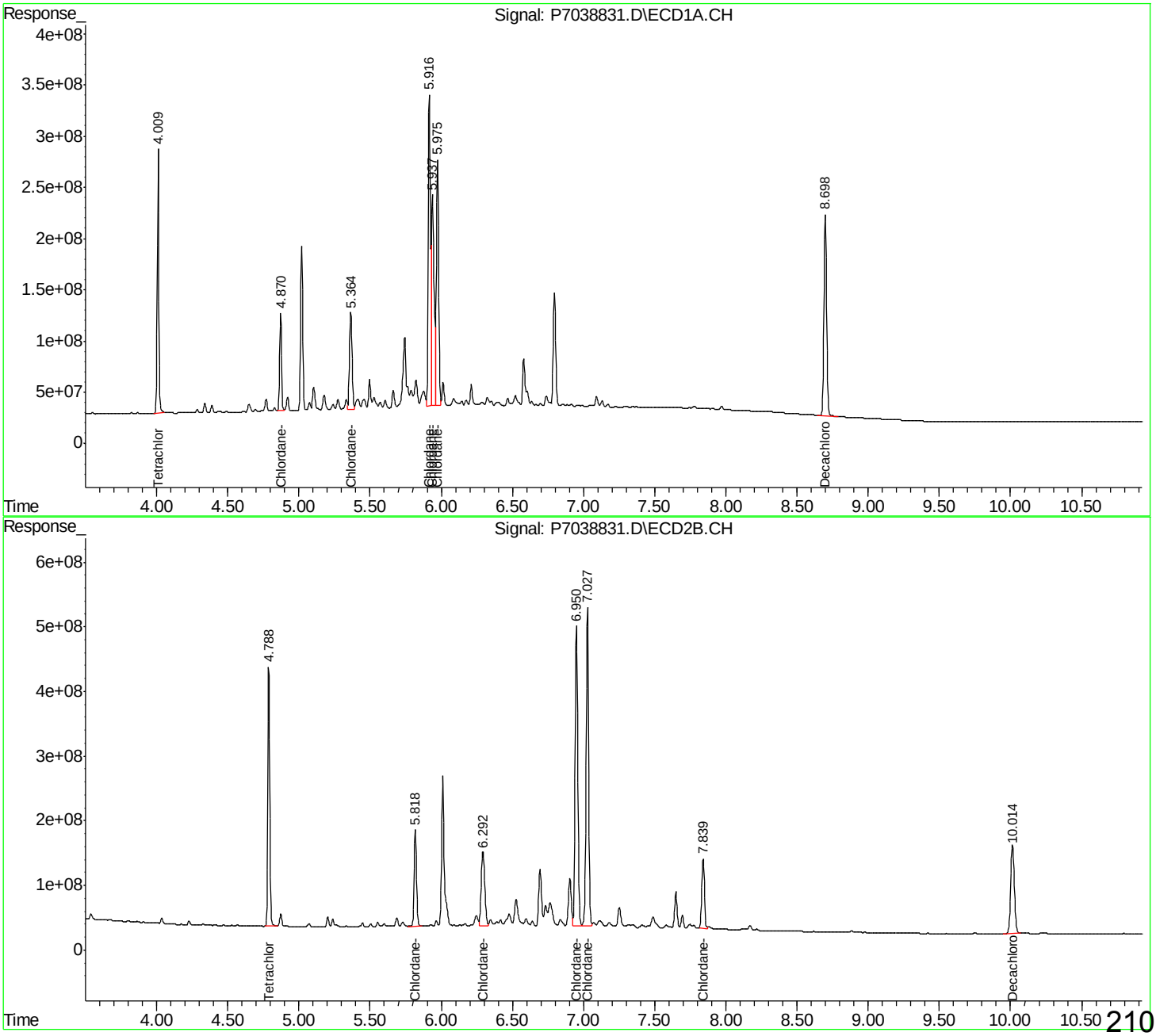
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038831.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:51
Operator : JJ
Sample : CHLOR 500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:41:40 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7CH071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:41:25 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038831.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 14:51
Operator : JJ
Sample : CHLOR 500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:41:40 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7CH071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:41:25 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.011	4.790	2313.8E6	4038.4E6	50.000	50.000
7) SA	Decachlor...	8.699	10.015	2436.3E6	2446.6E6	50.000	50.000
	Target Compounds						
2)	Chlordane-1	4.872	5.819	896.0E6	1742.8E6	500.000	500.000
3)	Chlordane-2	5.365	6.293	1165.9E6	1914.6E6	500.000	500.000
4)	Chlordane-3	5.918	6.952	3235.4E6	5866.4E6	500.000	500.000
5)	Chlordane-4	5.939	7.028	2604.2E6	6305.8E6	500.000	500.000
6)	Chlordane-5	5.976	7.841	2667.2E6	1390.1E6	500.000	500.000

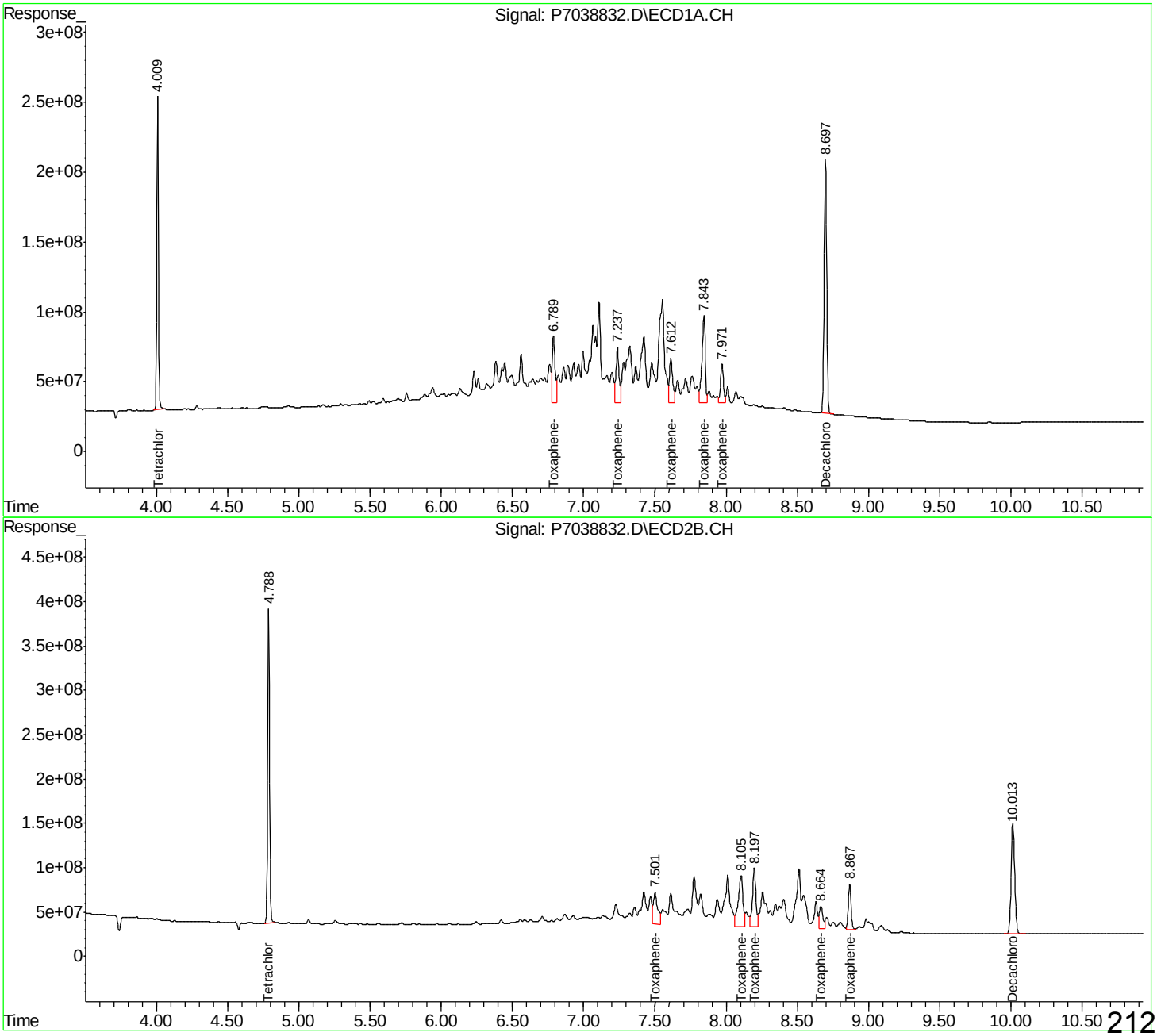
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038832.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:05
Operator : JJ
Sample : TOX 500 ICV
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:36:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7TX071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:36:09 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038832.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:05
Operator : JJ
Sample : TOX 500 ICV
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:36:33 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7TX071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:36:09 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.010	4.790	1975.8E6	3594.7E6	50.605	50.424
7) SA	Decachlor...	8.698	10.014	2123.1E6	2204.7E6	50.472	50.830
	Target Compounds						
2)	Toxaphene-1	6.790	7.502	692.1E6	777.6E6	512.672	505.227
3)	Toxaphene-2	7.238	8.106	617.6E6	1350.3E6	526.269	506.157
4)	Toxaphene-3	7.614	8.198	503.7E6	1075.5E6	533.277	520.598
5)	Toxaphene-4	7.845	8.665	990.9E6	440.4E6	520.797	534.485
6)	Toxaphene-5	7.973	8.868	377.4E6	725.4E6	550.893	516.095

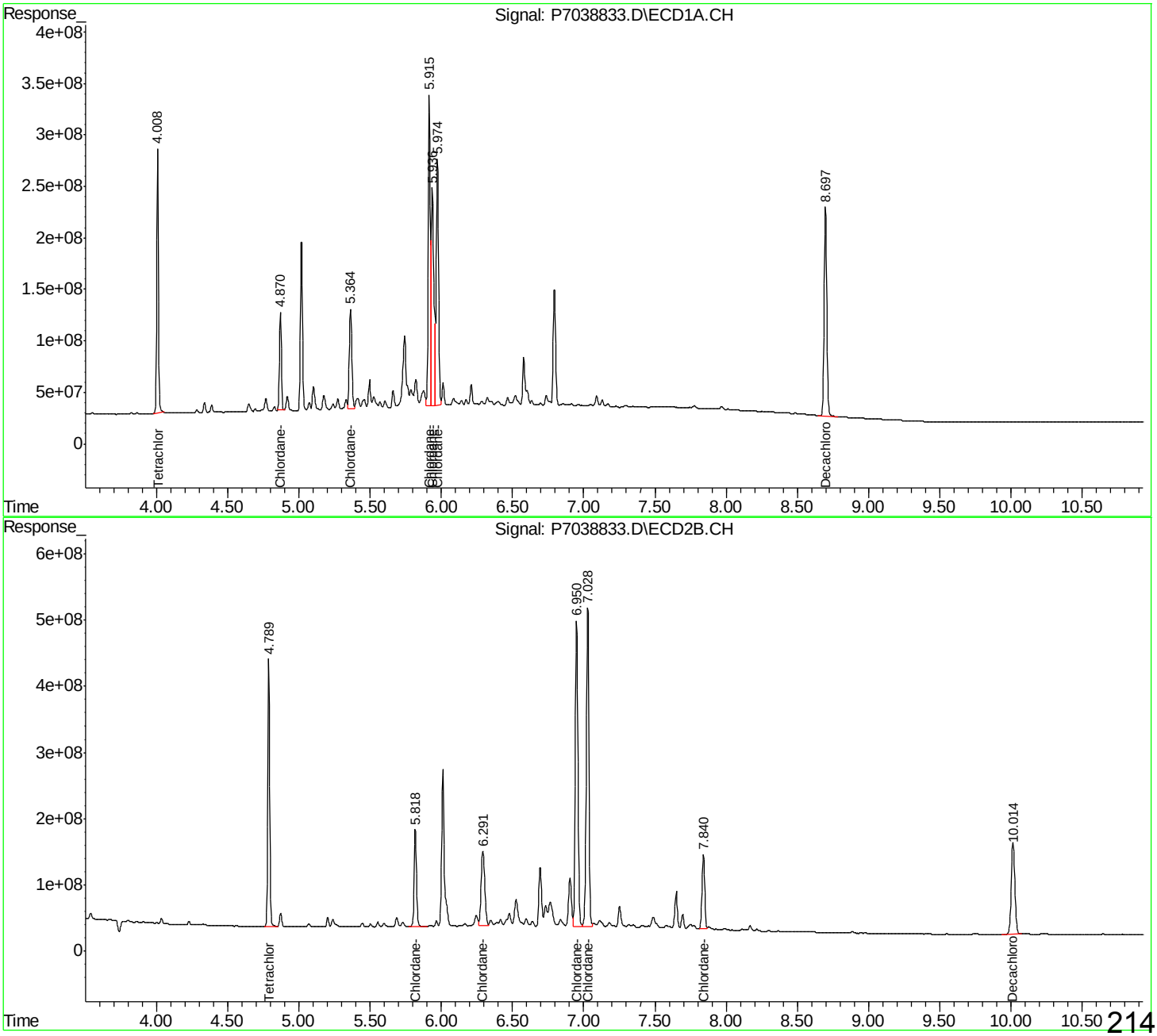
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038833.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:19
Operator : JJ
Sample : CHLOR 500 ICV
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:42:03 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7CH071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:41:45 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038833.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 15:19
Operator : JJ
Sample : CHLOR 500 ICV
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 15:42:03 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\7CH071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 15:41:45 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.010	4.790	2330.6E6	4066.0E6	50.365	50.342
7) SA	Decachlor...	8.698	10.016	2465.1E6	2460.0E6	50.591	50.274
	Target Compounds						
2)	Chlordane-1	4.872	5.819	885.9E6	1773.8E6	494.329	508.883
3)	Chlordane-2	5.365	6.293	1170.0E6	1923.1E6	501.764	502.235
4)	Chlordane-3	5.917	6.952	3216.9E6	5916.5E6	497.149	504.266
5)	Chlordane-4	5.938	7.029	2645.0E6	6359.4E6	507.830	504.255
6)	Chlordane-5	5.975	7.841	2685.3E6	1406.4E6	503.390	505.884

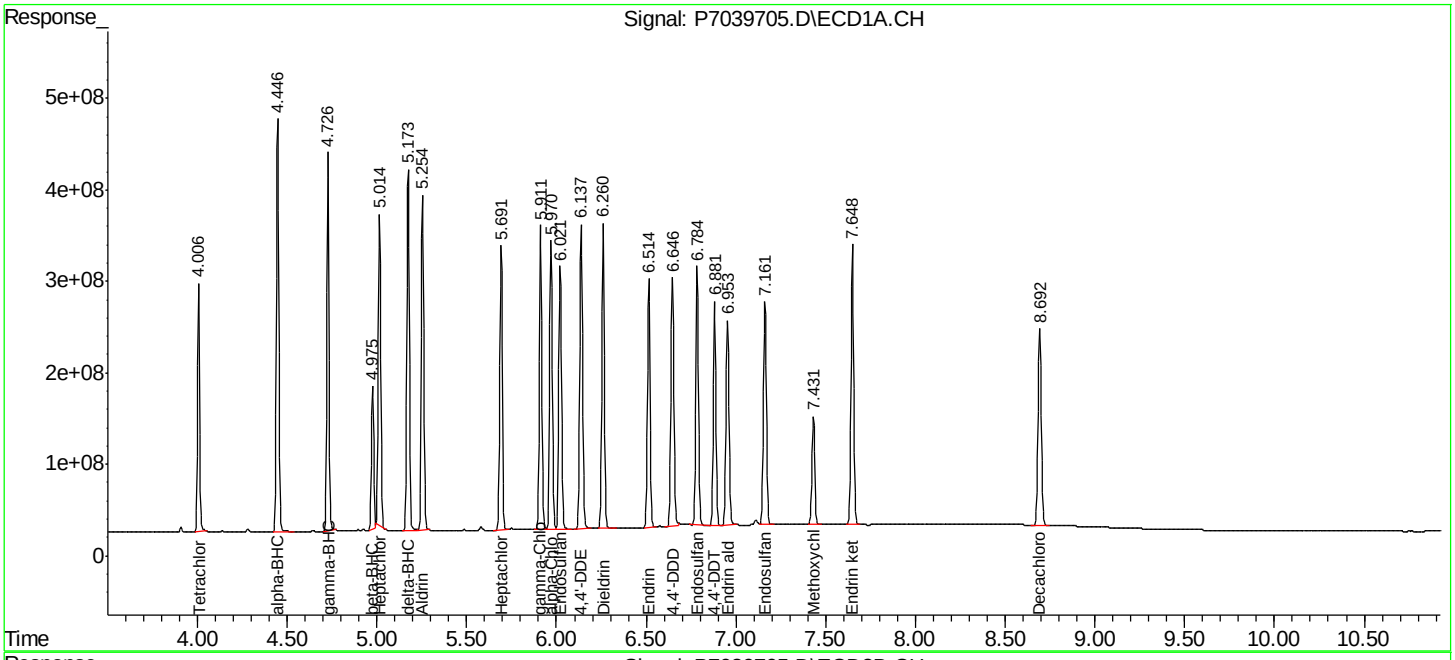
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

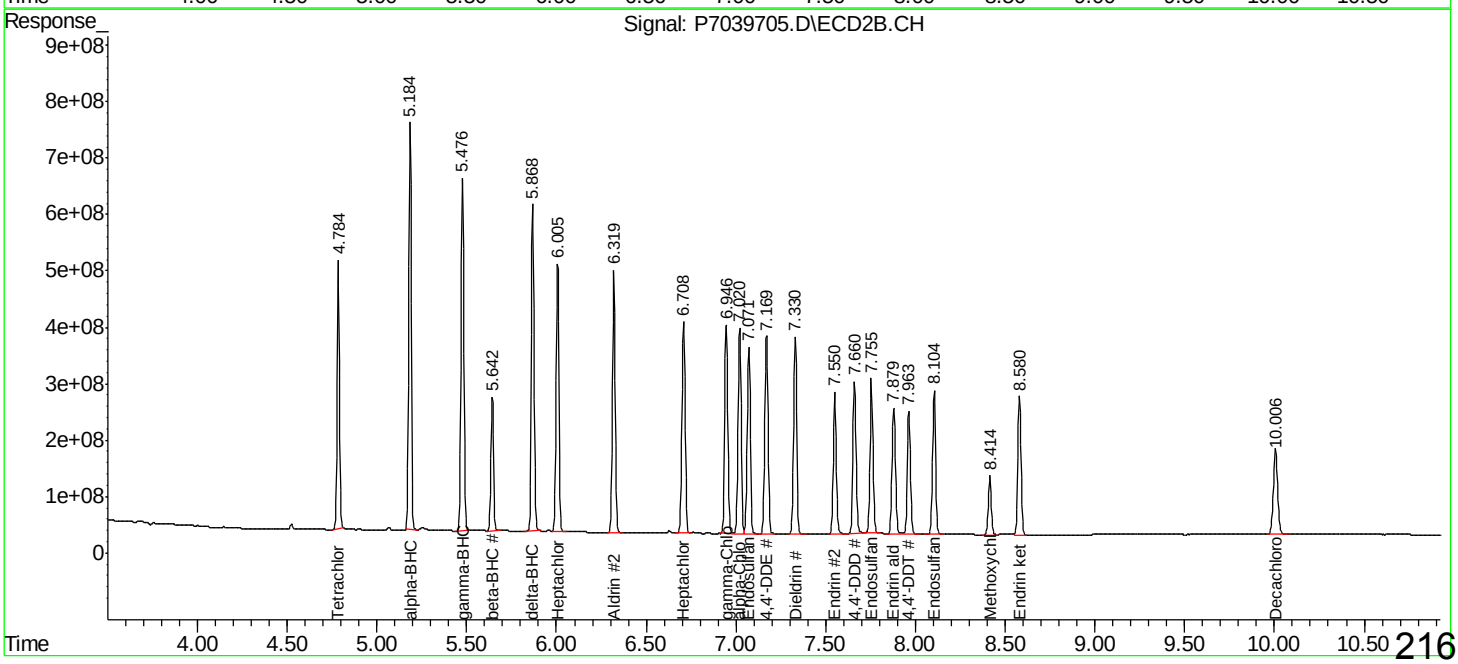
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 13:38
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:00:24 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039705.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 13:38
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:00:24 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.786	2432.6E6	4638.3E6	54.632	54.796
22)	SA Decachlor...	8.693	10.007	2576.5E6	2601.7E6	53.601	51.452
	Target Compounds						
2)	A alpha-BHC	4.448	5.185	4005.7E6	7154.7E6	53.256	55.147
3)	MA gamma-BHC...	4.728	5.477	3749.5E6	6508.2E6	54.703	57.412
4)	MA Heptachlor	5.015	6.007	3148.4E6	5395.4E6	54.741	56.752
5)	MB Aldrin	5.255	6.321	3574.8E6	5427.7E6	52.270	52.173
6)	B beta-BHC	4.976	5.643	1398.4E6	2502.8E6	53.429	57.175
7)	B delta-BHC	5.174	5.869	3746.9E6	6182.7E6	55.157	56.136
8)	B Heptachlo...	5.692	6.709	3155.9E6	4503.5E6	49.790	48.613
9)	A Endosulfan I	6.022	7.073	3082.7E6	4038.1E6	49.749	47.409
10)	B gamma-Chl...	5.913	6.947	3435.6E6	4541.5E6	49.724	47.155
11)	B alpha-Chl...	5.971	7.021	3307.1E6	4315.2E6	49.310	46.950
12)	B 4,4'-DDE	6.139	7.171	3462.2E6	4264.7E6	51.631	48.119
13)	MA Dieldrin	6.261	7.331	3535.4E6	4261.1E6	49.377	46.736
14)	MA Endrin	6.515	7.552	2928.9E6	3127.0E6	51.453	47.450
15)	B Endosulfa...	6.785	7.757	3112.1E6	3415.4E6	49.691	46.130
16)	A 4,4'-DDD	6.647	7.662	2997.1E6	3285.8E6	50.180	45.278
17)	MA 4,4'-DDT	6.882	7.965	2677.2E6	2700.8E6	51.988	52.296
18)	B Endrin al...	6.954	7.880	2519.5E6	2867.0E6	49.979	46.847
19)	B Endosulfa...	7.163	8.105	2685.6E6	3178.1E6	57.841	48.980
20)	A Methoxychlor	7.432	8.415	1315.3E6	1288.6E6	53.615	48.147
21)	B Endrin ke...	7.650	8.581	3457.3E6	3102.2E6	55.464	51.668

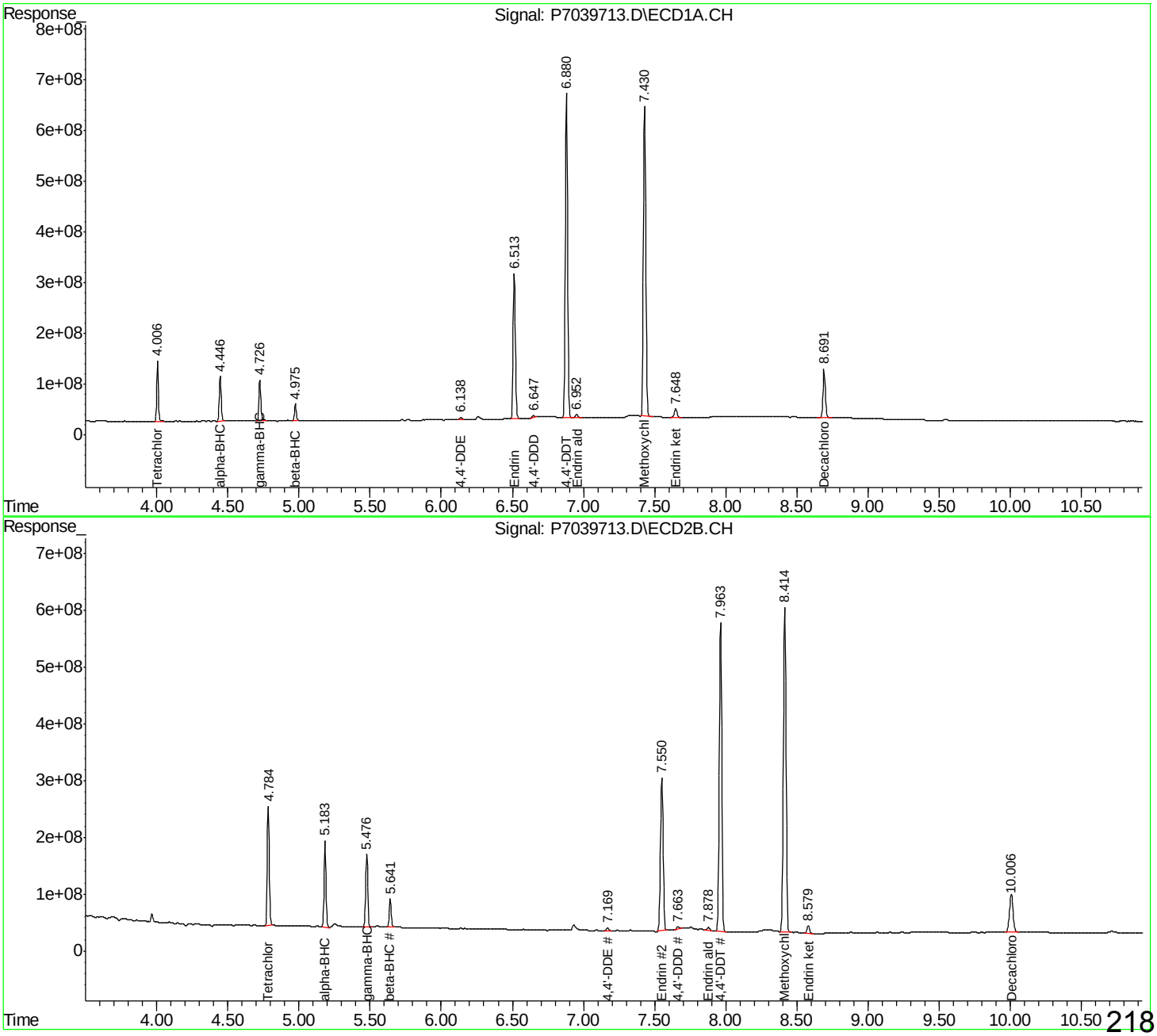
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:50
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:43:08 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

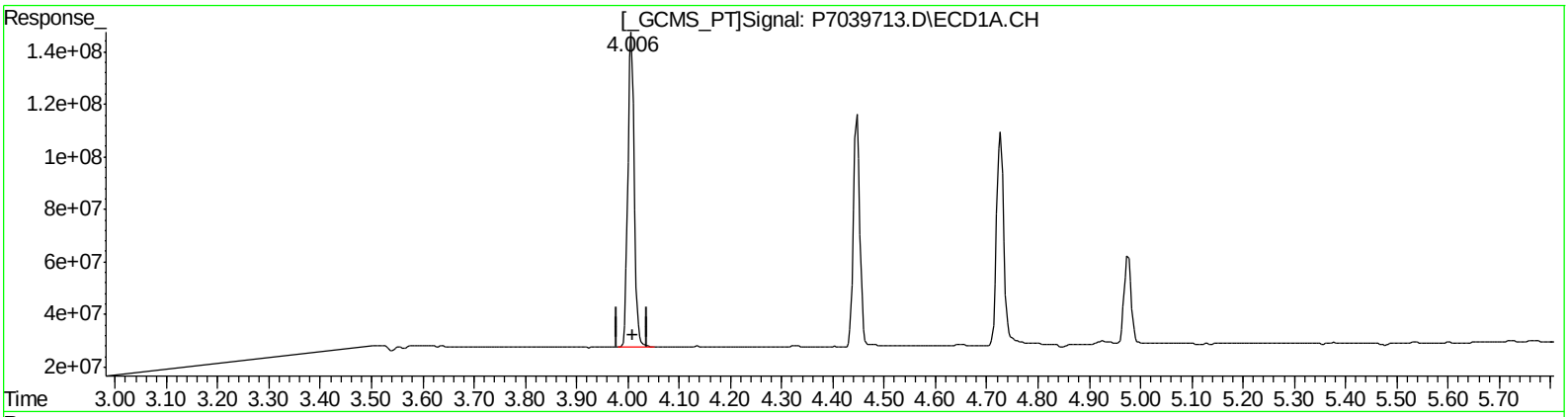


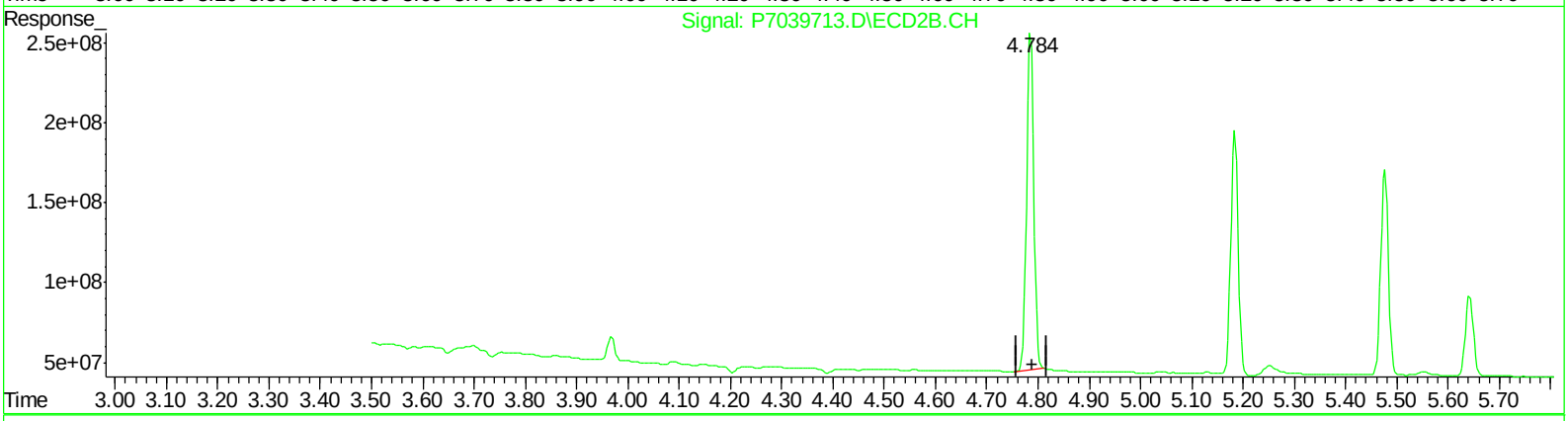
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 23.540 ng/ml

response 1048195674

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 24.354 ng/ml

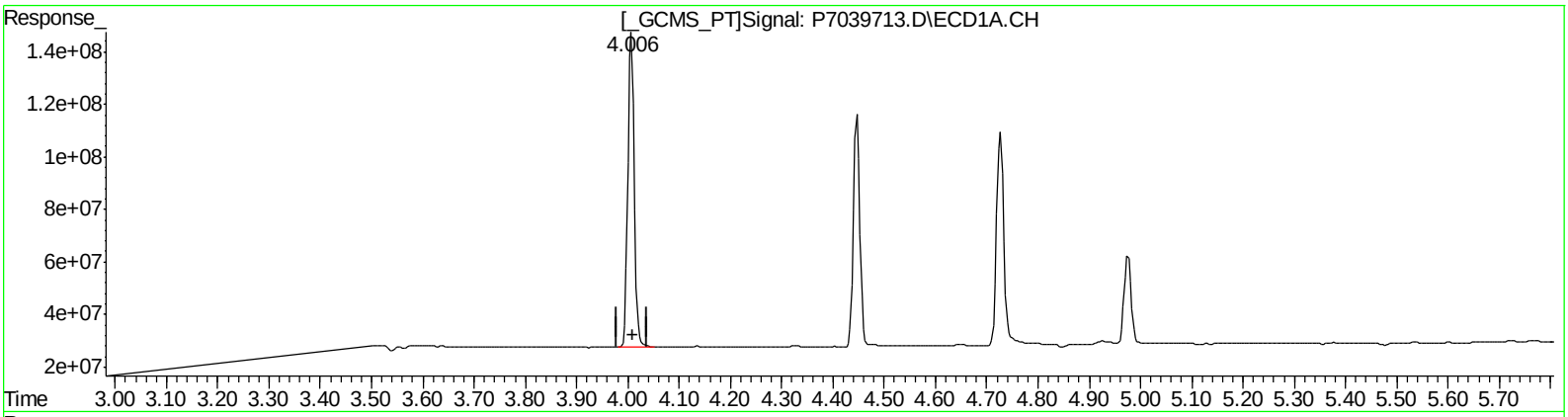
response 2061446023

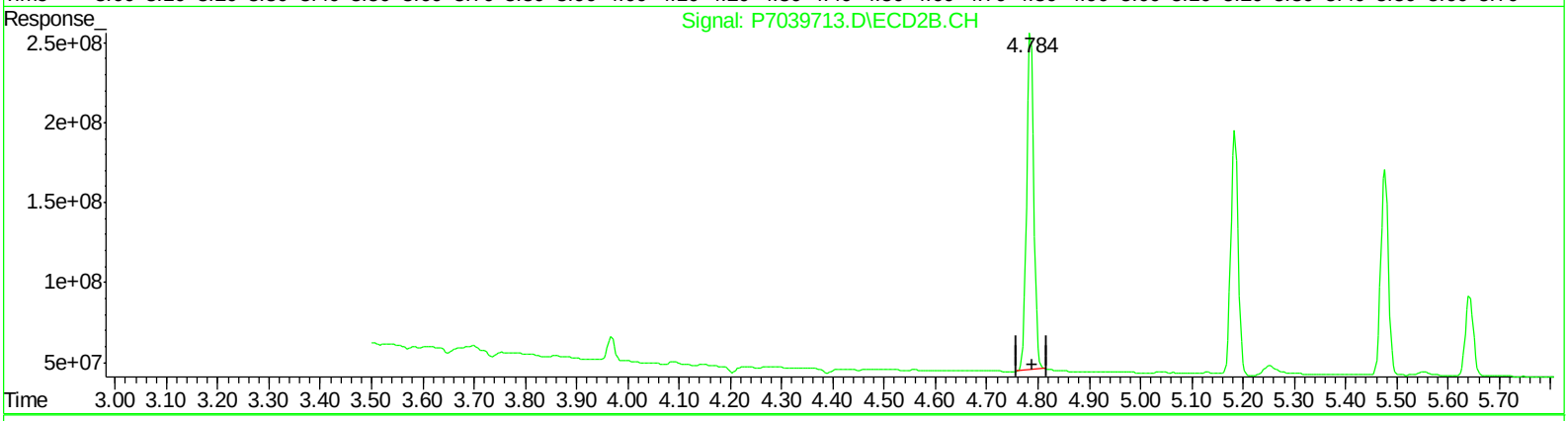
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 23.540 ng/ml

response 1048195674

(1) Tetrachloro-m-xylene #2 (SA)

4.784min 24.464 ng/ml m

response 2070818258

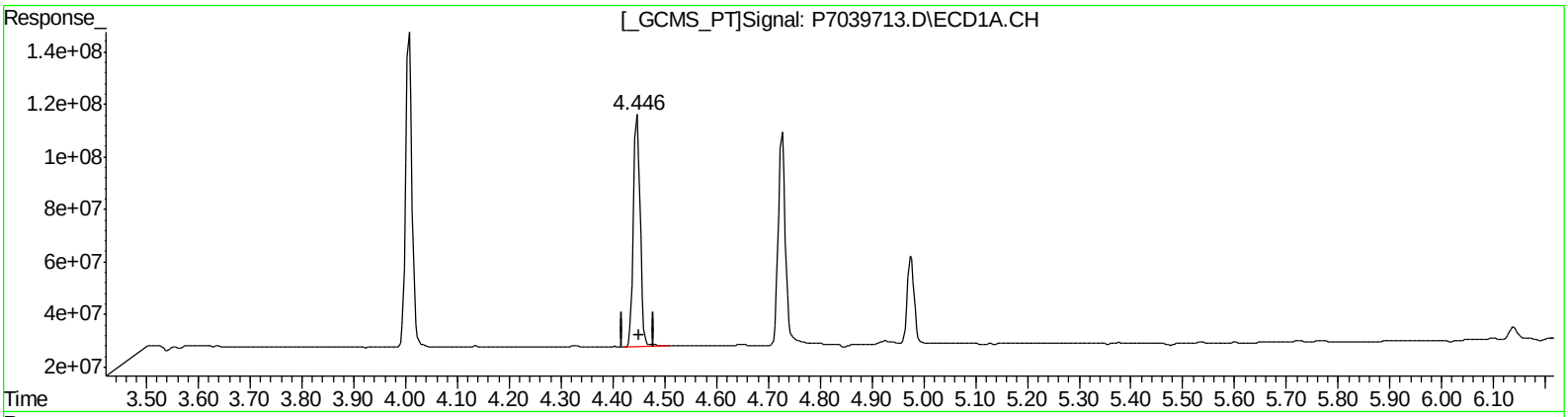
(+) = Expected Retention Time

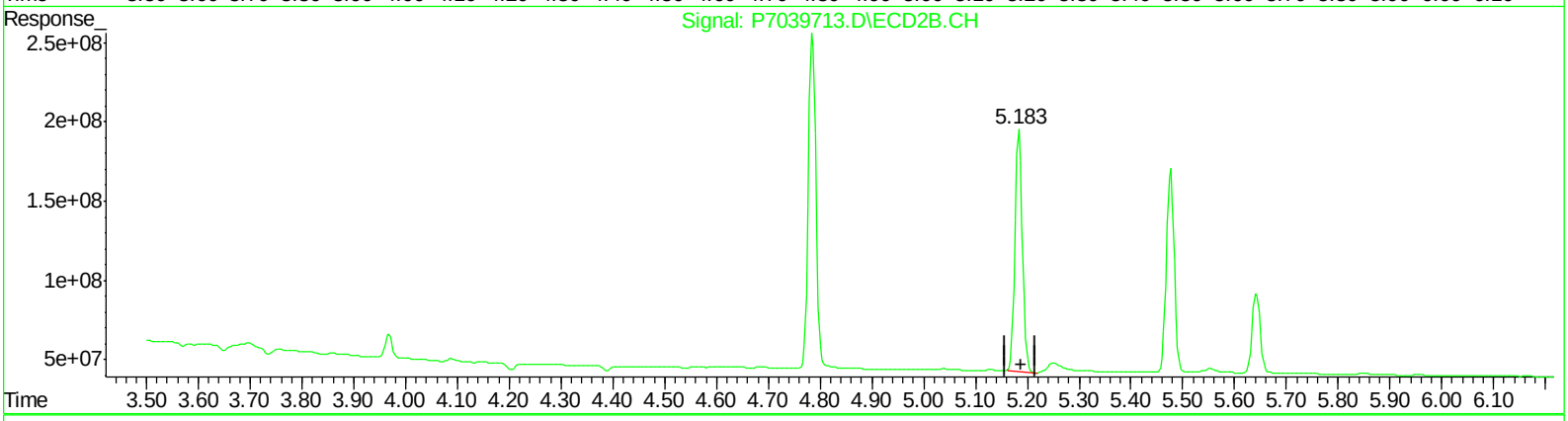
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)
4.447min 10.647 ng/ml
response 800858163

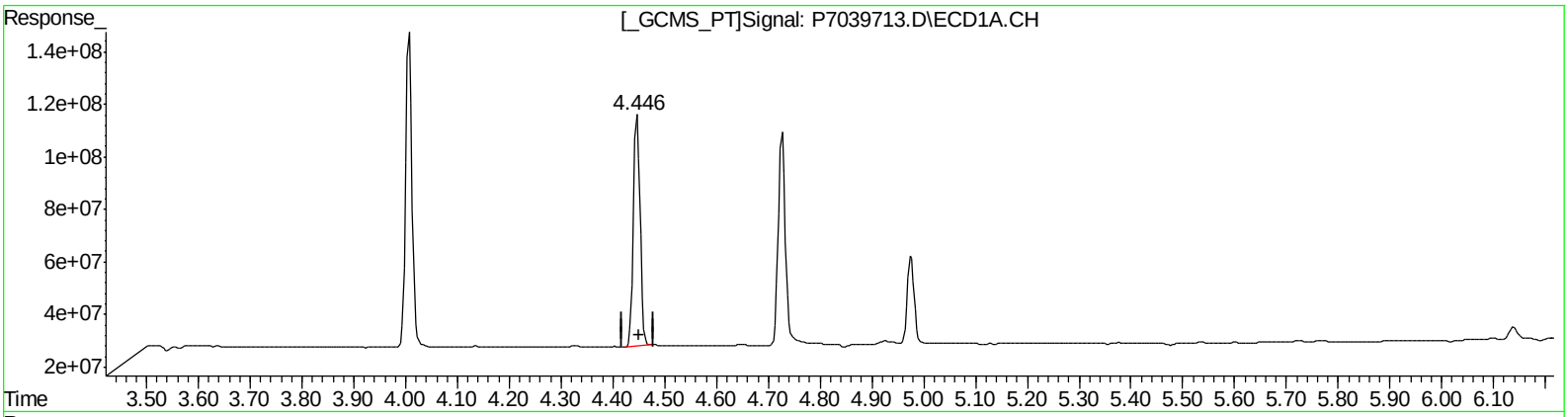
(2) alpha-BHC #2 (A)
5.185min 11.886 ng/ml
response 1542037054

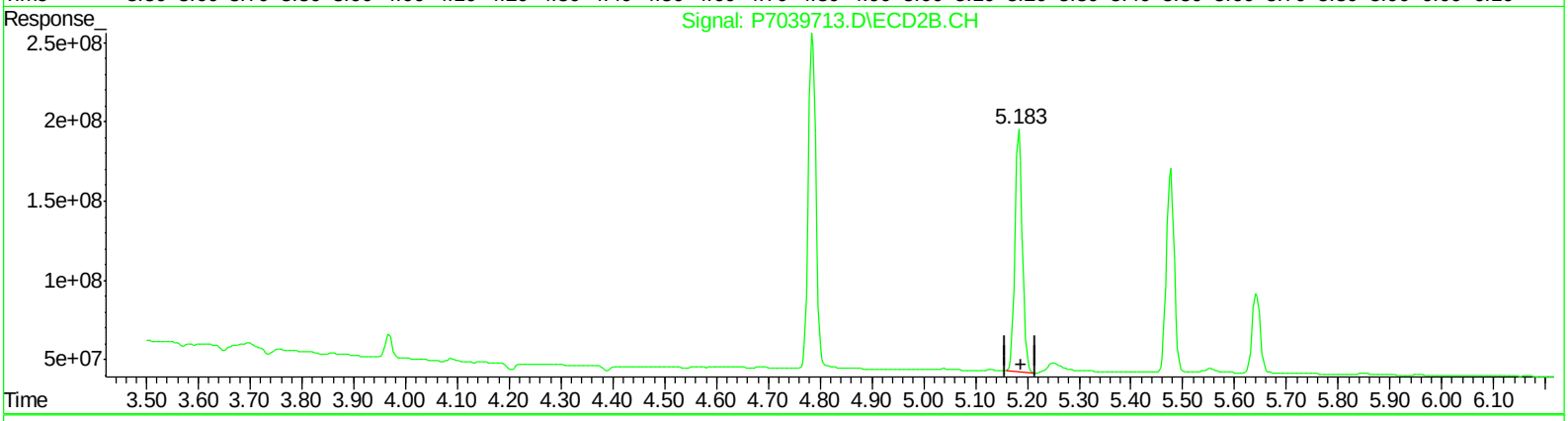
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 10.403 ng/ml m

response 782493412

(2) alpha-BHC #2 (A)

5.183min 11.918 ng/ml m

response 1546218100

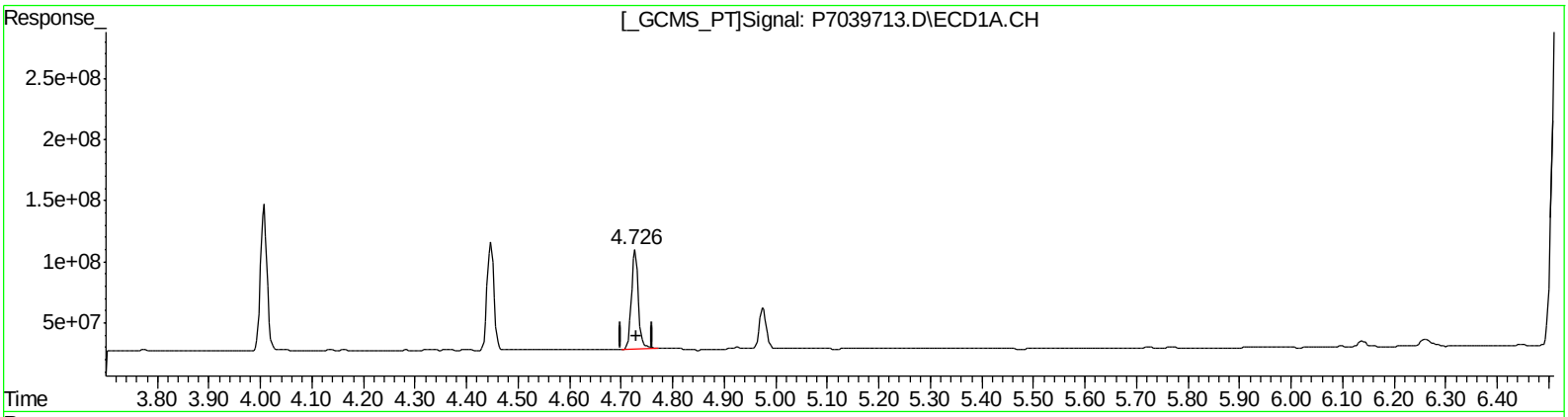
(+) = Expected Retention Time

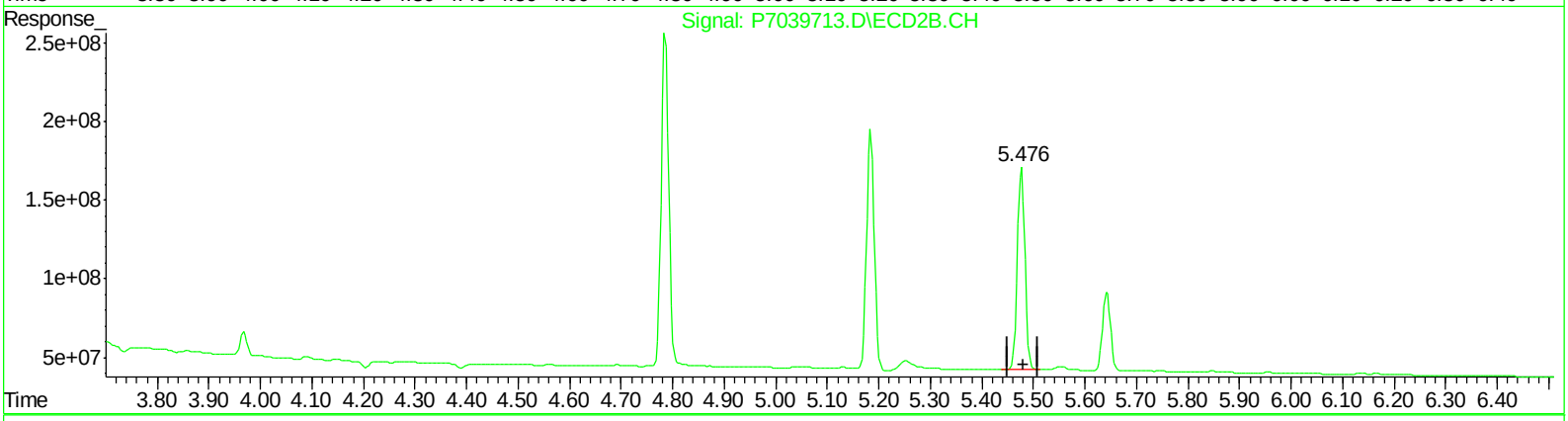
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.727min 11.124 ng/ml

response 762482138

(3) gamma-BHC (Lindane) #2 (MA)

5.477min 11.839 ng/ml

response 1342028520

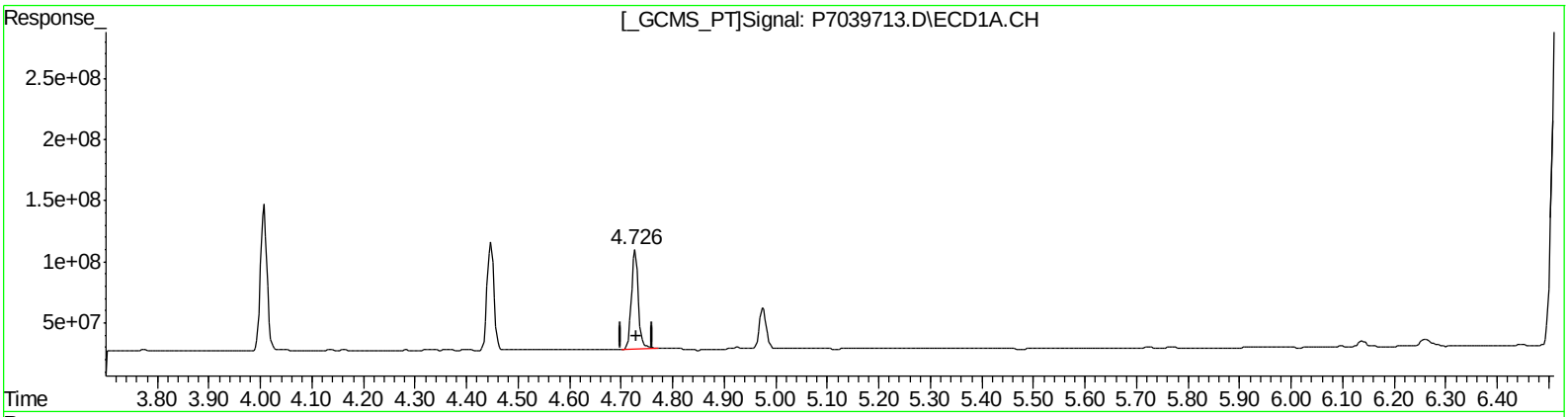
(+) = Expected Retention Time

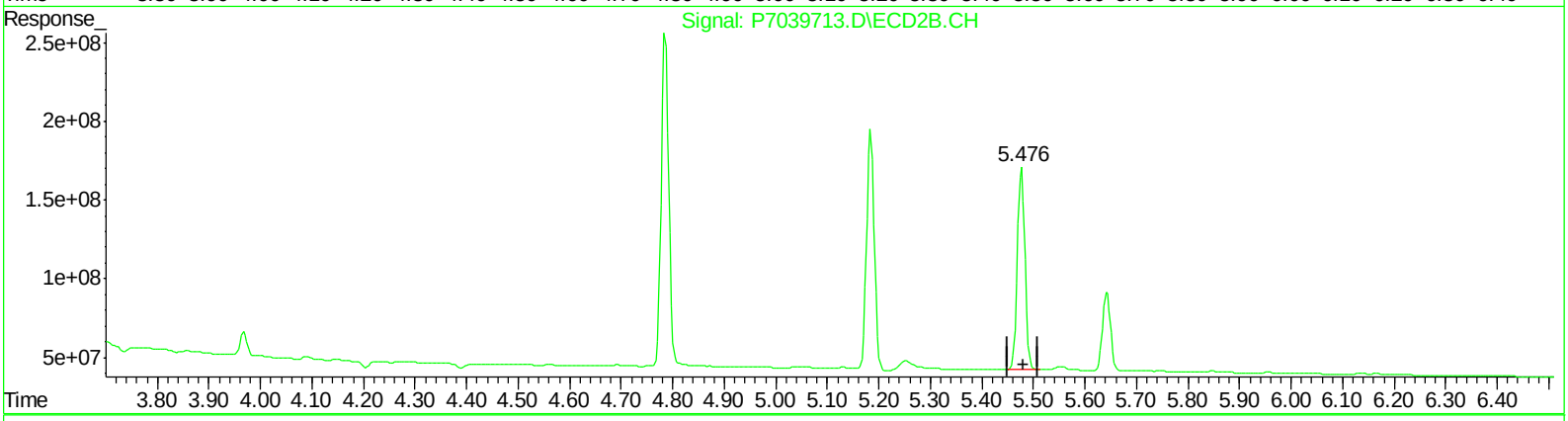
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.727min 11.124 ng/ml

response 762482138

(3) gamma-BHC (Lindane) #2 (MA)

5.476min 11.899 ng/ml m

response 1348879035

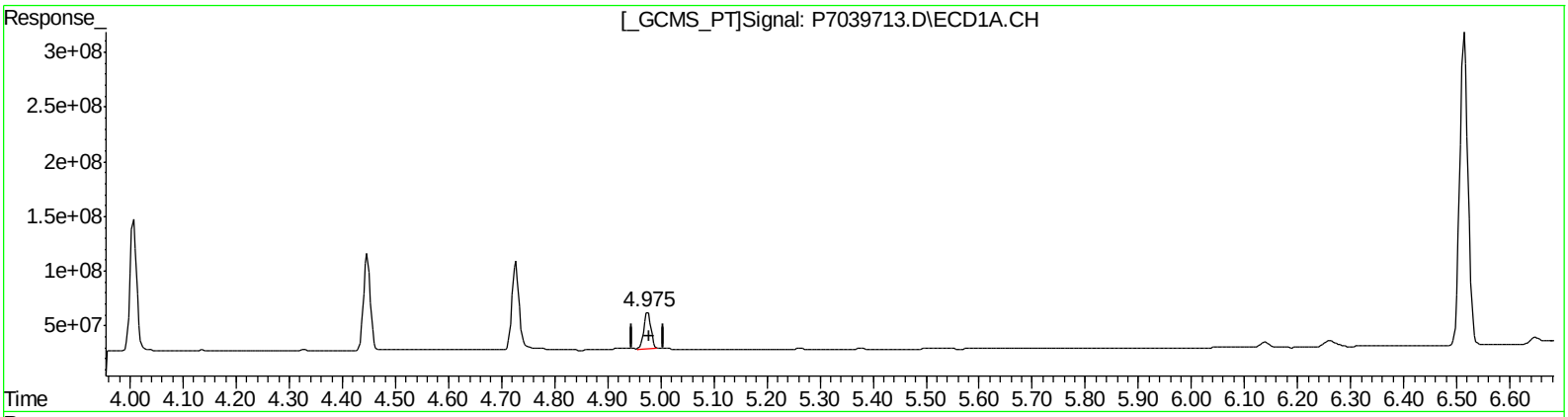
(+) = Expected Retention Time

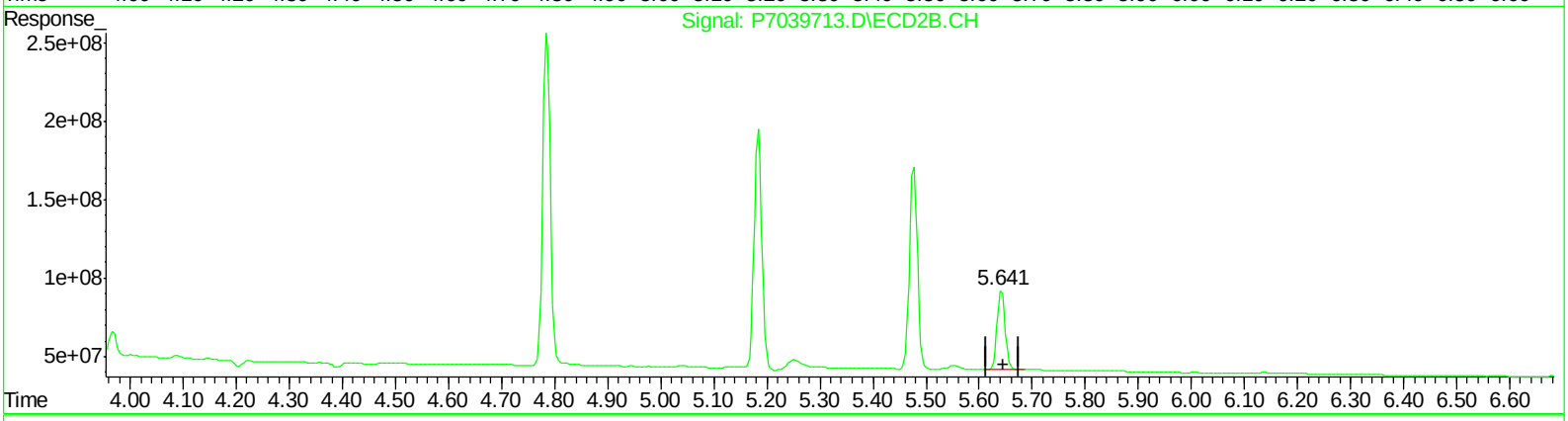
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.976min 11.732 ng/ml

response 307060717

(6) beta-BHC #2 (B)

5.643min 12.221 ng/ml

response 534974782

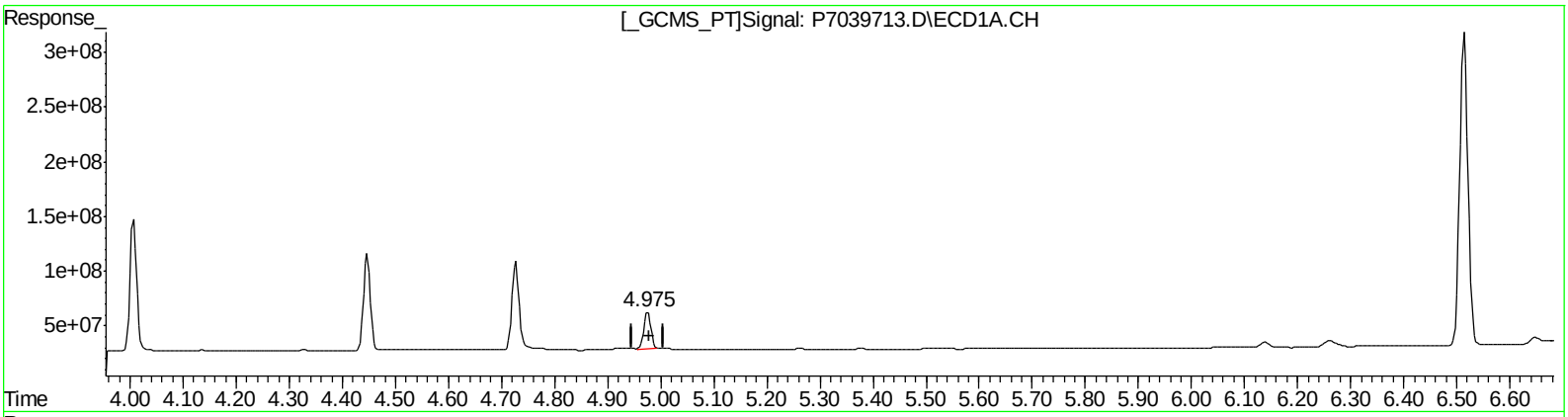
(+) = Expected Retention Time

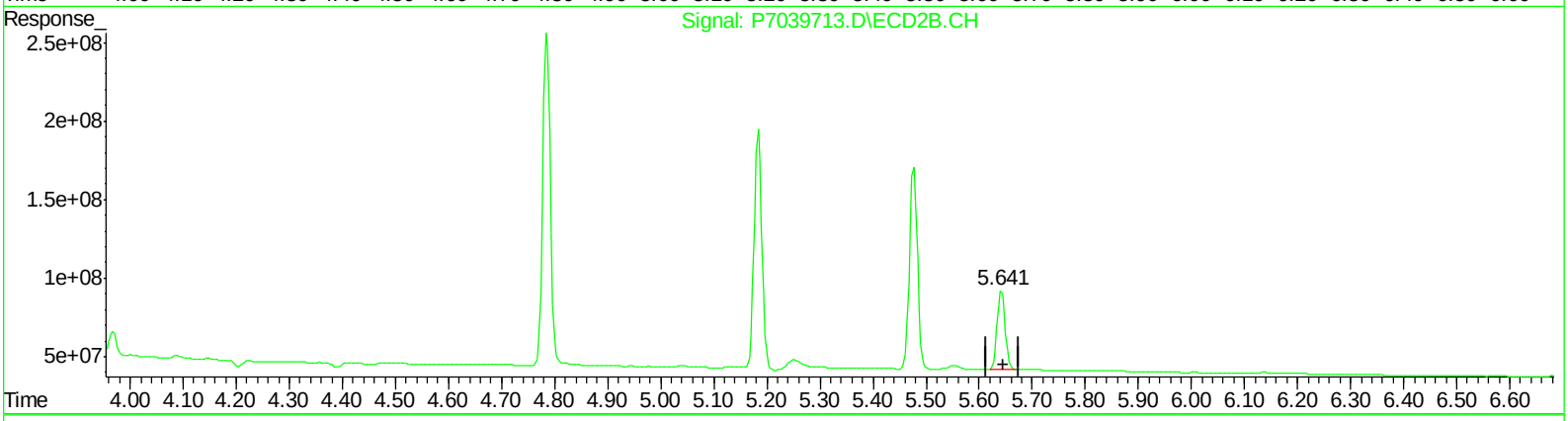
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.976min 11.732 ng/ml

response 307060717

(6) beta-BHC #2 (B)

5.641min 11.996 ng/ml m

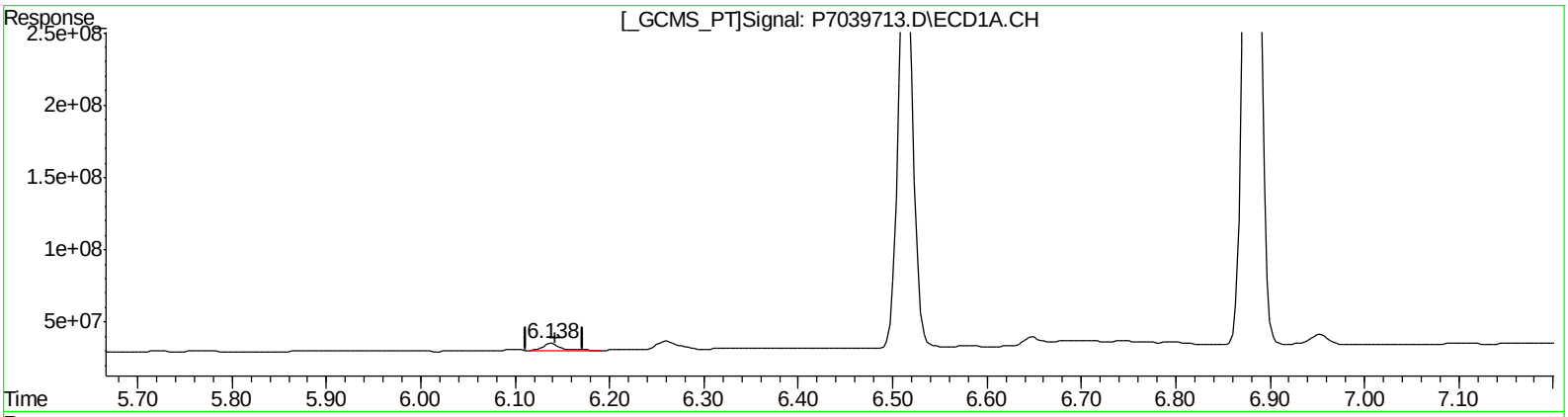
response 525106331

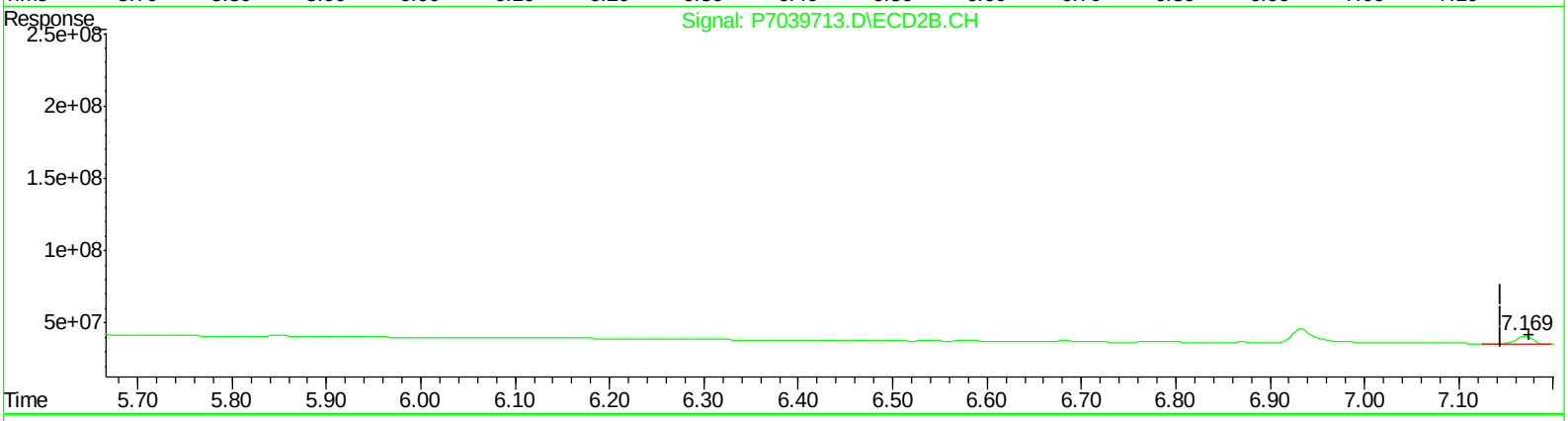
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.139min 1.088 ng/ml

response 72984461

(12) 4,4'-DDE #2 (B)

7.171min 0.785 ng/ml

response 69611276

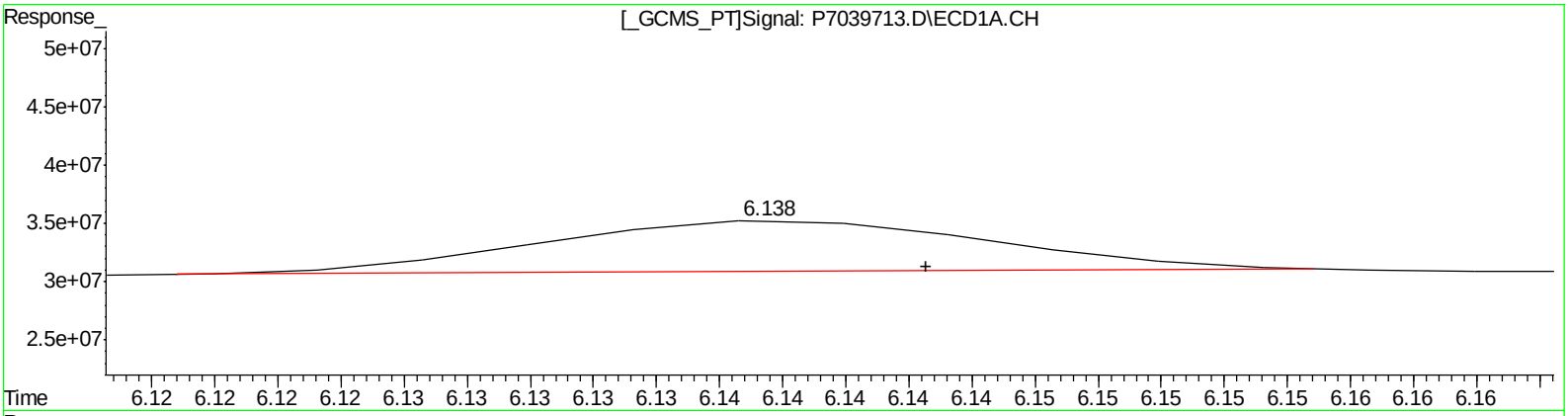
(+) = Expected Retention Time

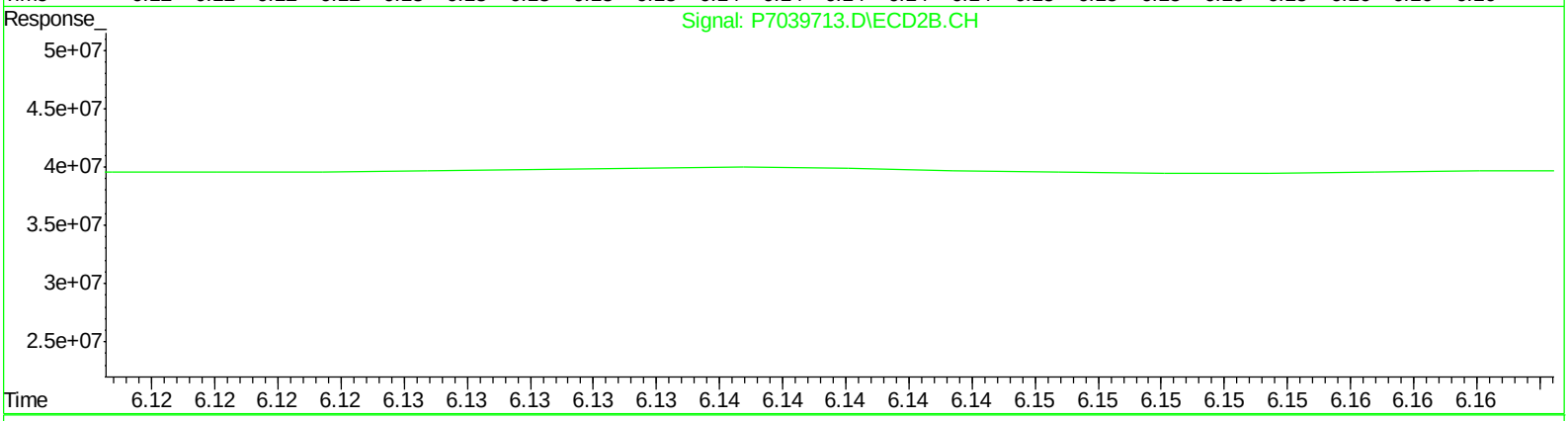
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.138min 0.642 ng/ml m

response 43049561

(12) 4,4'-DDE #2 (B)

7.171min 0.785 ng/ml

response 69611276

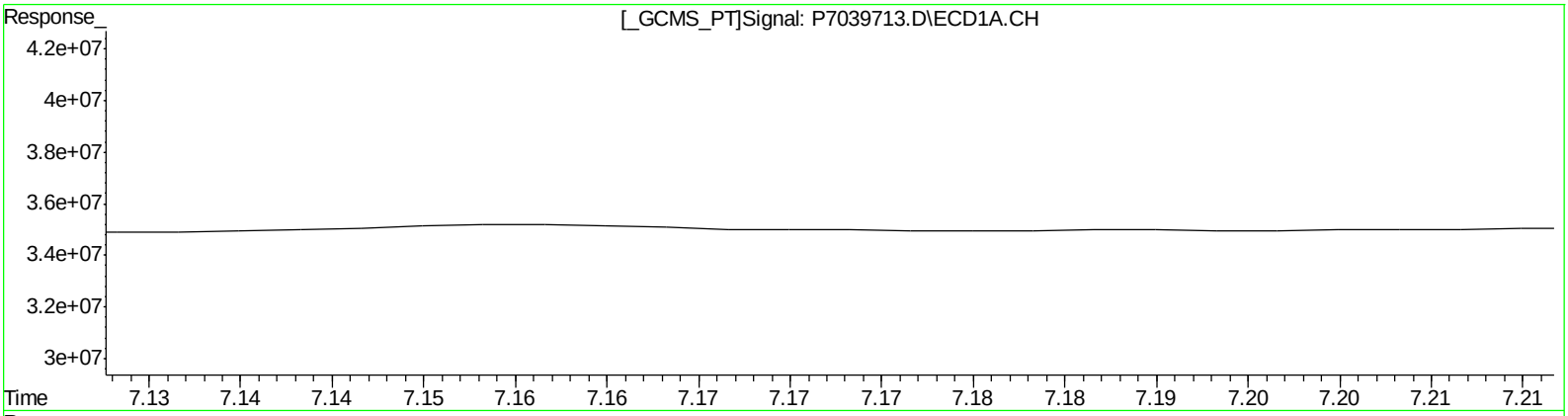
(+) = Expected Retention Time

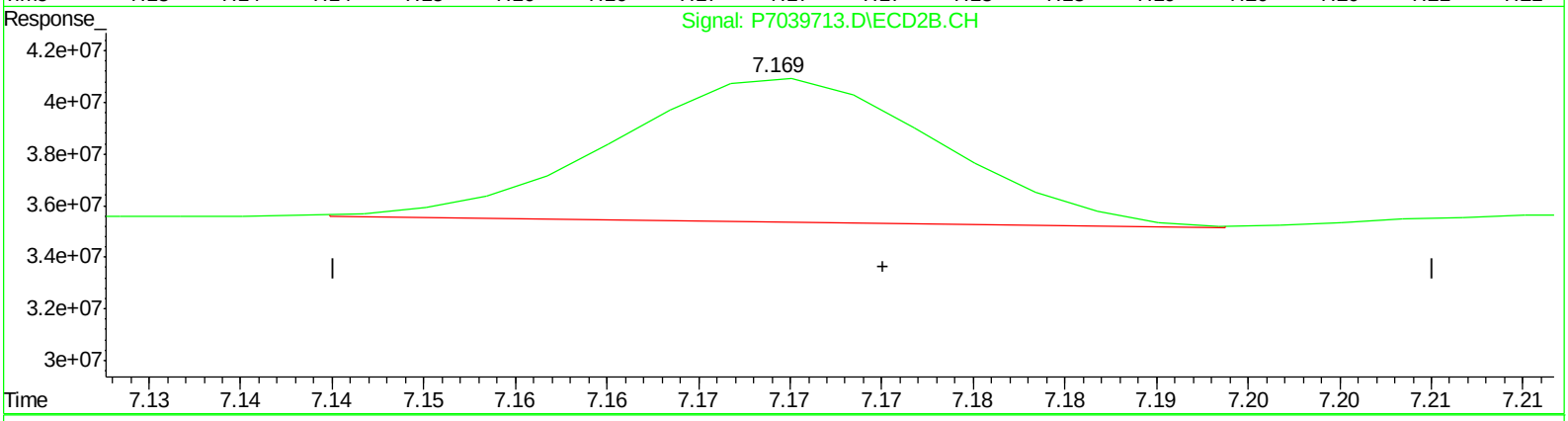
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.138min 0.642 ng/ml m

response 43049561

(12) 4,4'-DDE #2 (B)

7.169min 0.769 ng/ml m

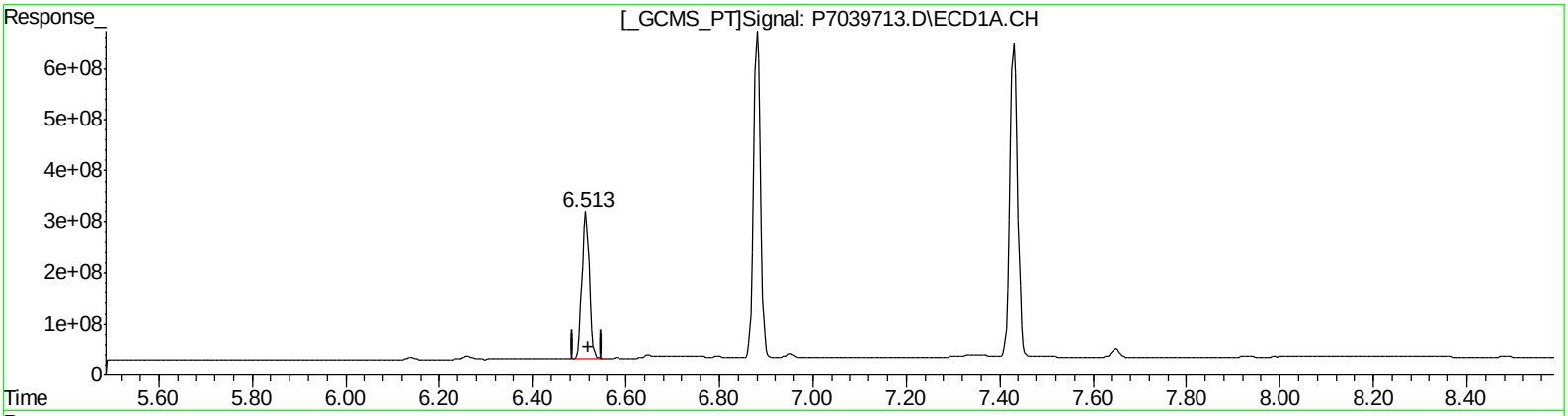
response 68150028

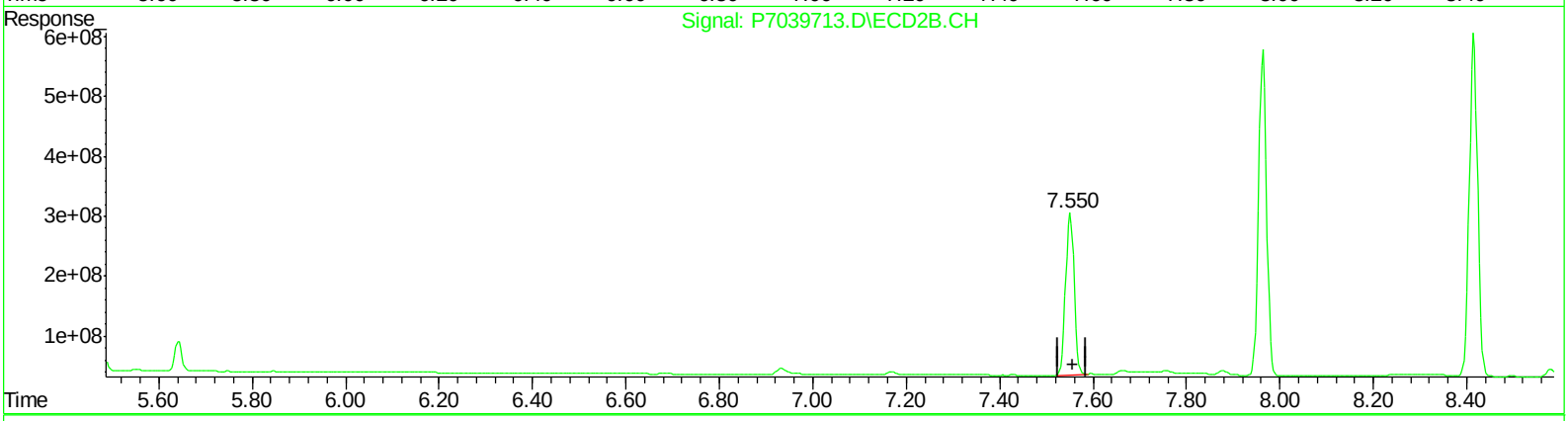
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.515min 54.523 ng/ml

response 3103673459

(14) Endrin #2 (MA)

7.552min 51.661 ng/ml

response 3404533165

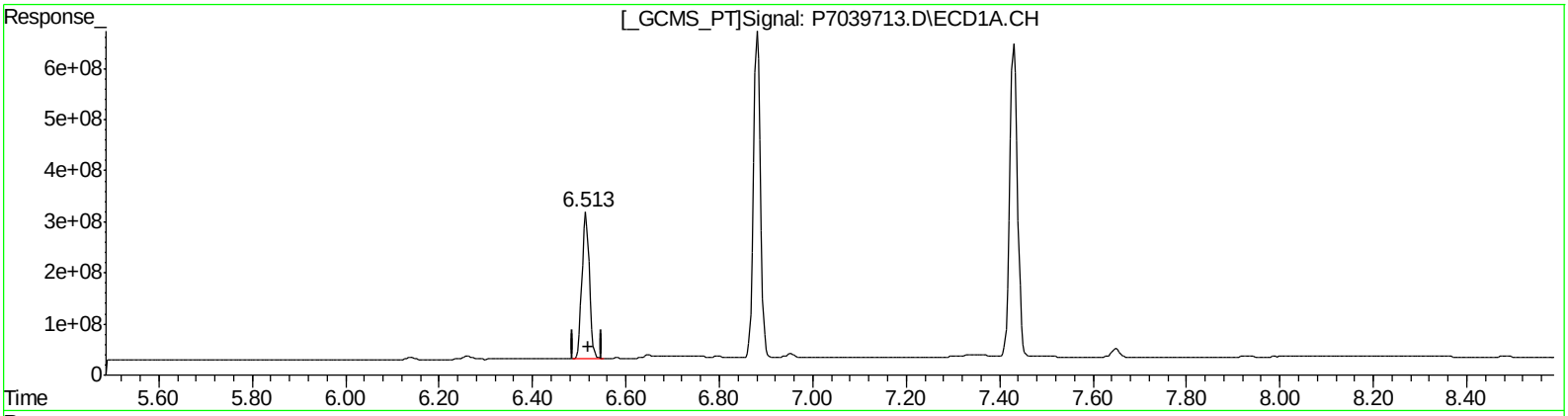
(+) = Expected Retention Time

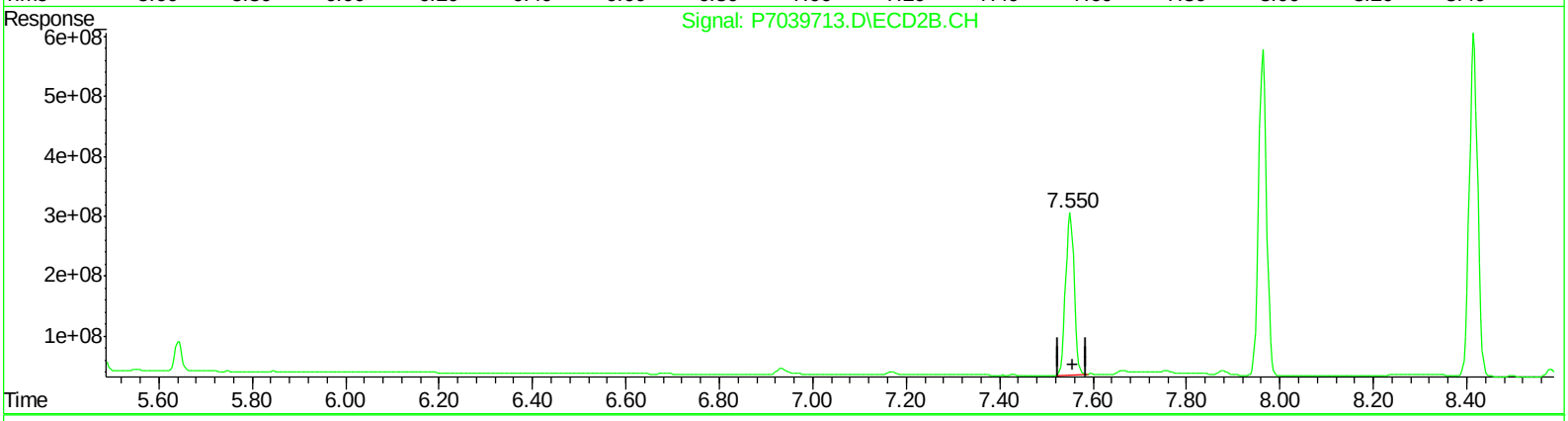
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)
6.515min 54.523 ng/ml
response 3103673459

(14) Endrin #2 (MA)
7.552min 51.661 ng/ml
response 3404533165

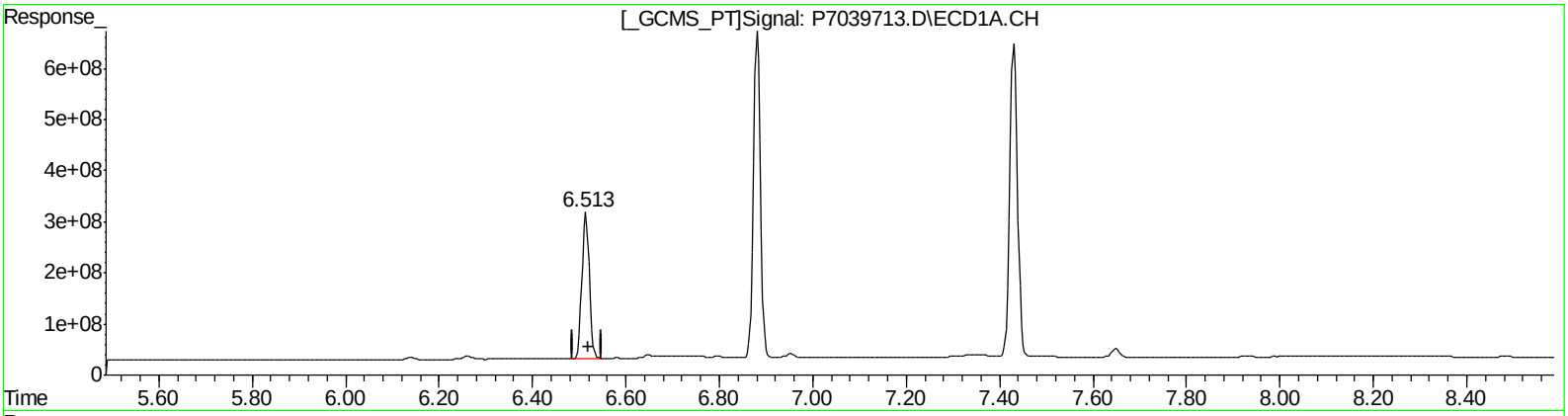
(+) = Expected Retention Time

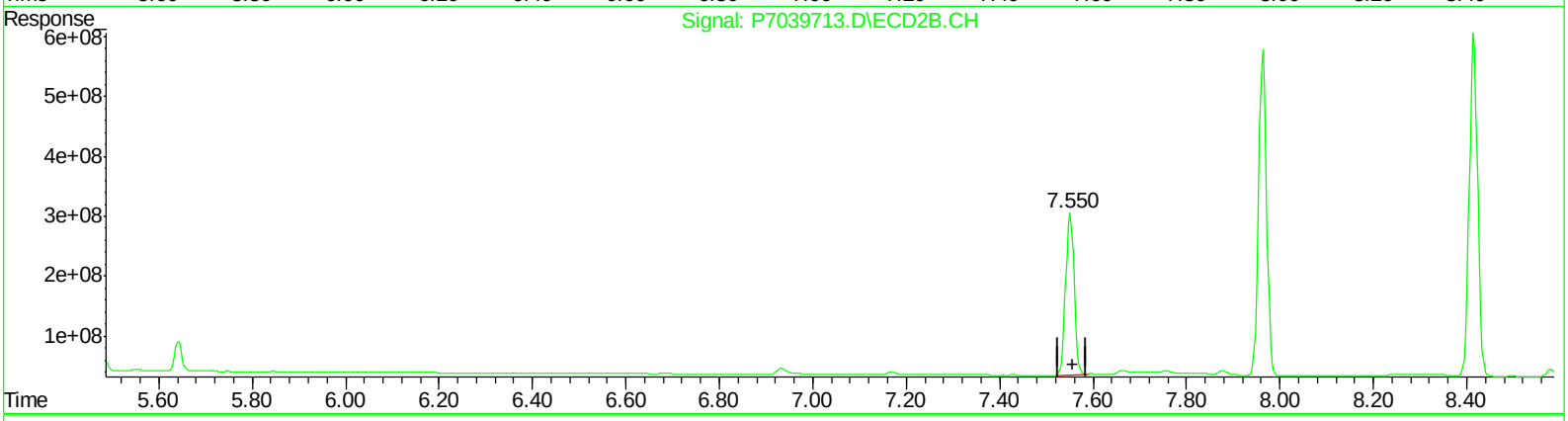
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.515min 54.523 ng/ml

response 3103673459

(14) Endrin #2 (MA)

7.550min 51.724 ng/ml m

response 3408651884

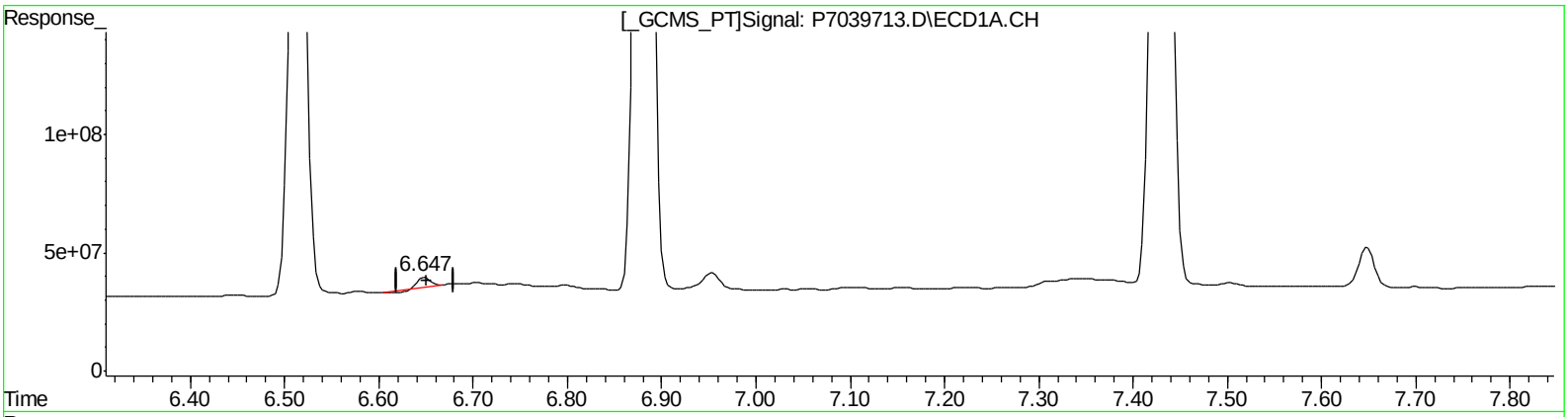
(+) = Expected Retention Time

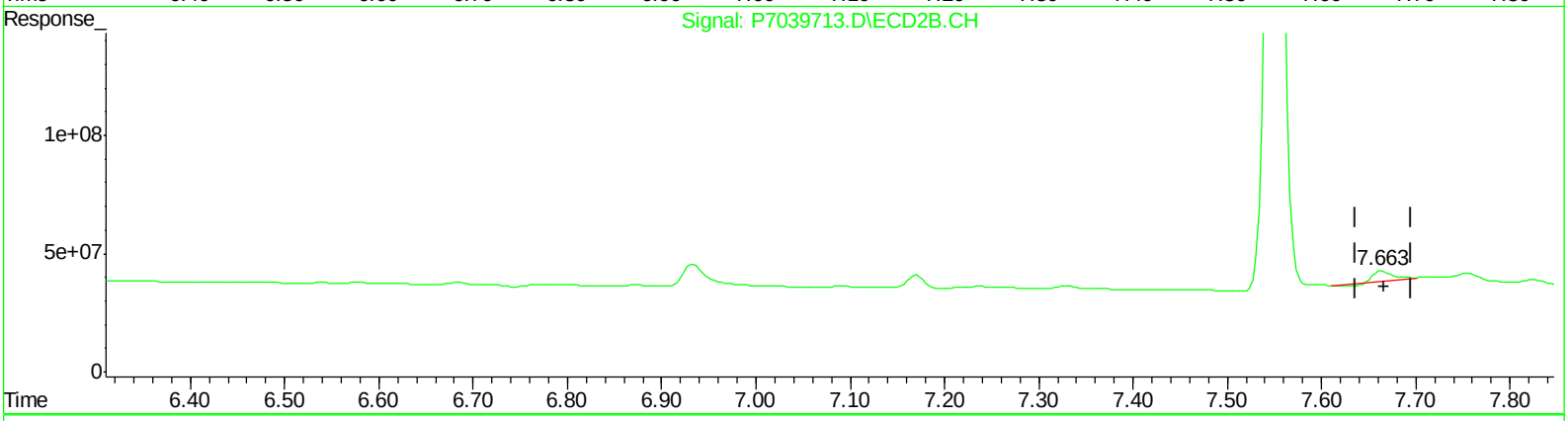
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.649min 0.526 ng/ml
response 31444279

(16) 4,4'-DDD #2 (A)
7.664min 0.671 ng/ml
response 48719776

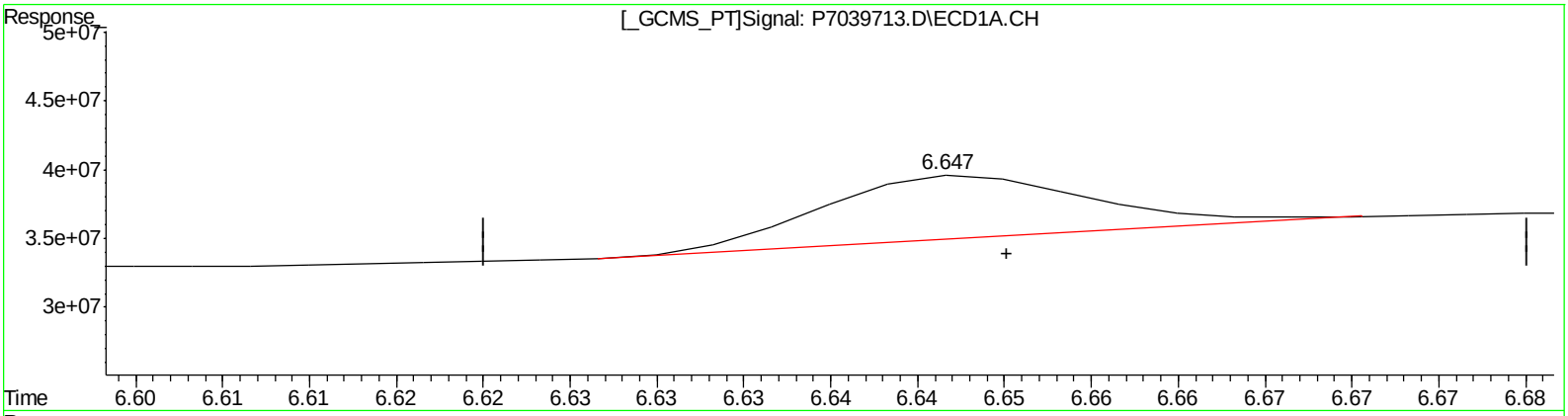
(+) = Expected Retention Time

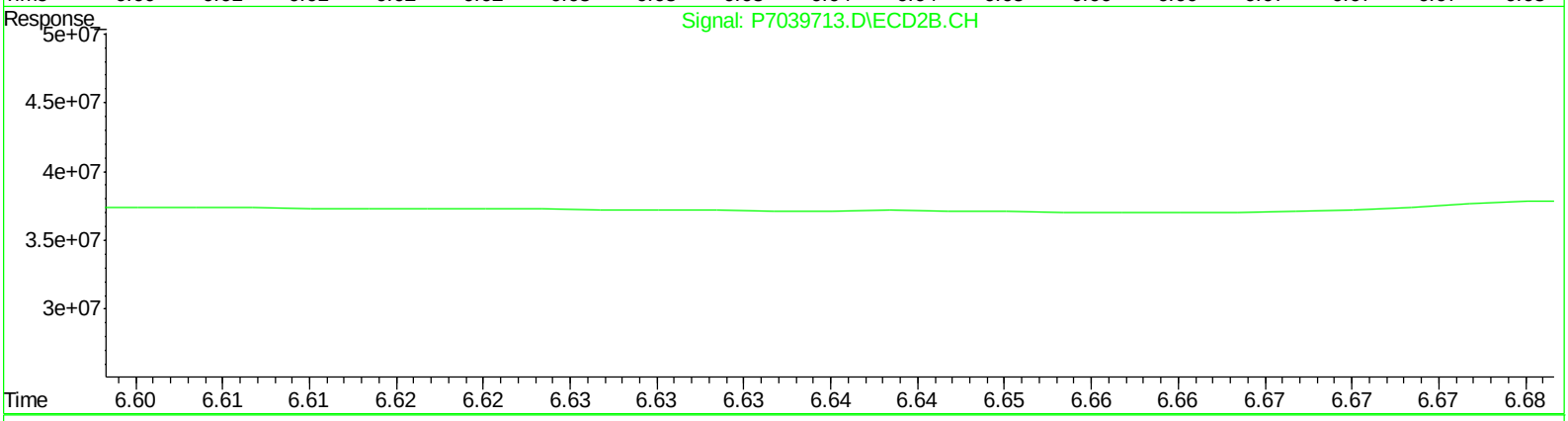
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.647min 0.823 ng/ml m

response 49149587

(16) 4,4'-DDD #2 (A)

7.664min 0.671 ng/ml

response 48719776

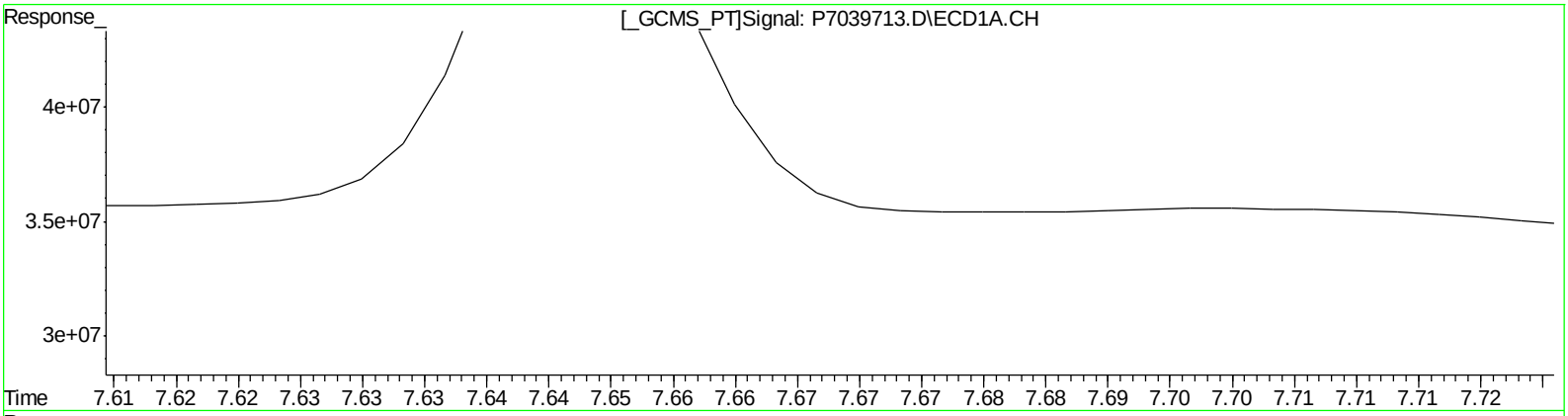
(+) = Expected Retention Time

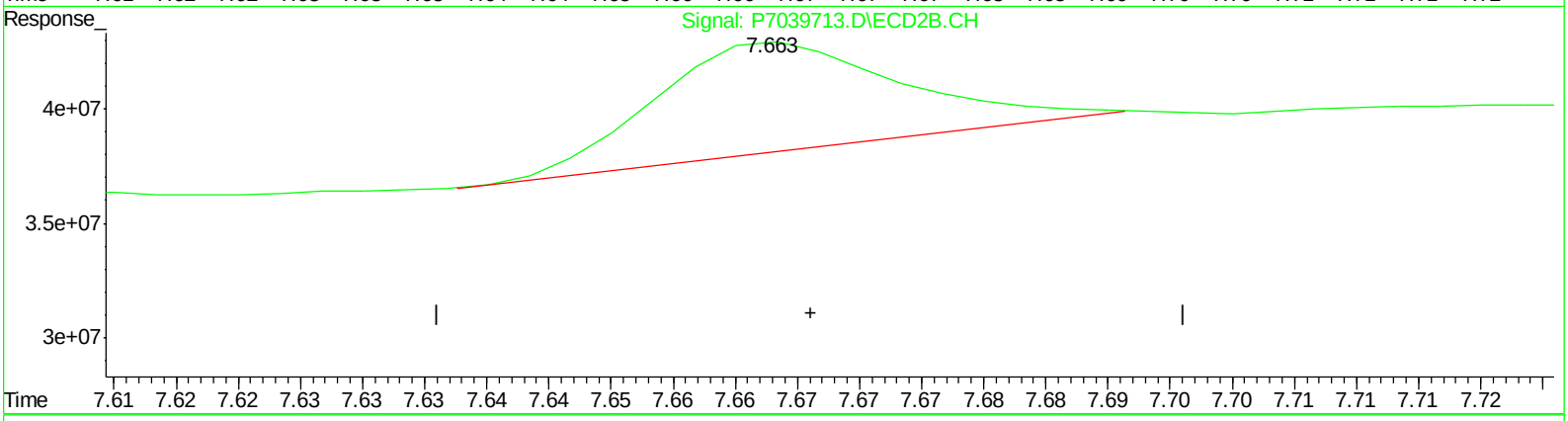
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.647min 0.823 ng/ml m
response 49149587

(16) 4,4'-DDD #2 (A)
7.663min 0.902 ng/ml m
response 65426206

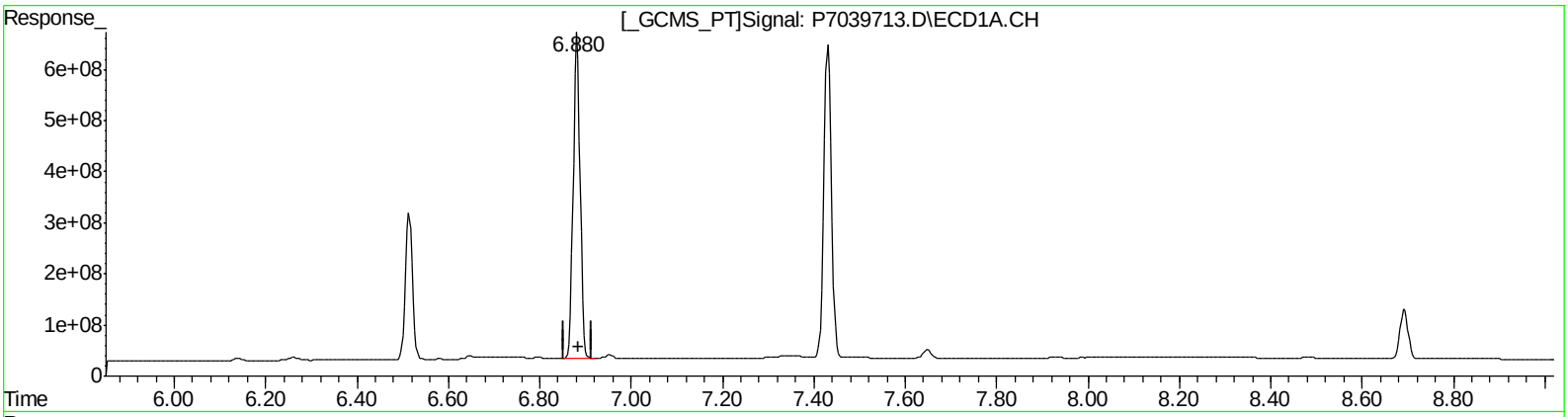
(+) = Expected Retention Time

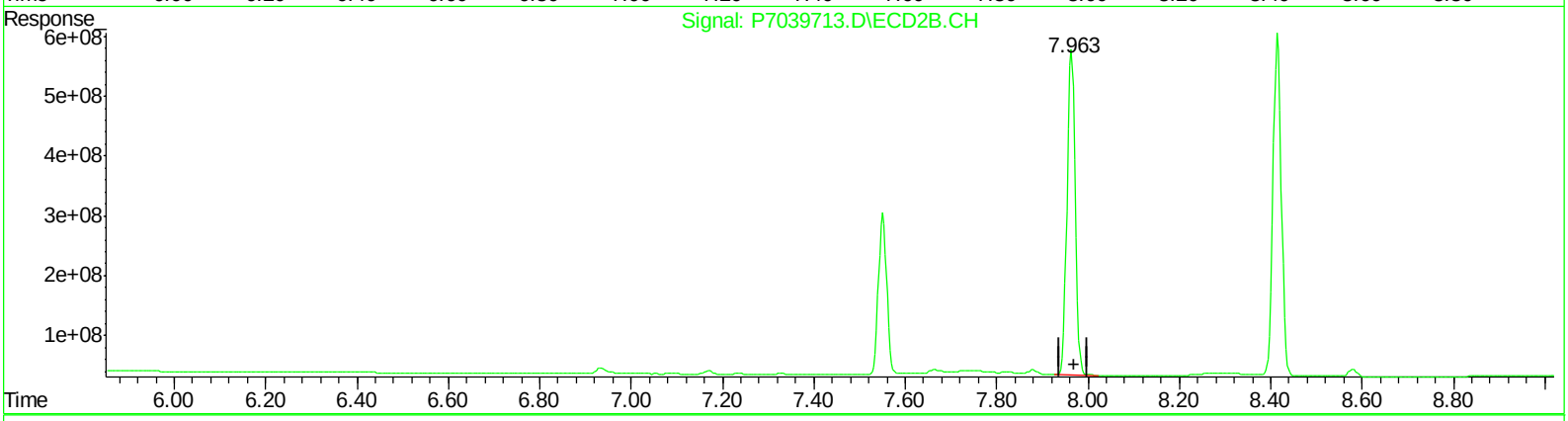
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.882min 124.231 ng/ml
response 6691801464

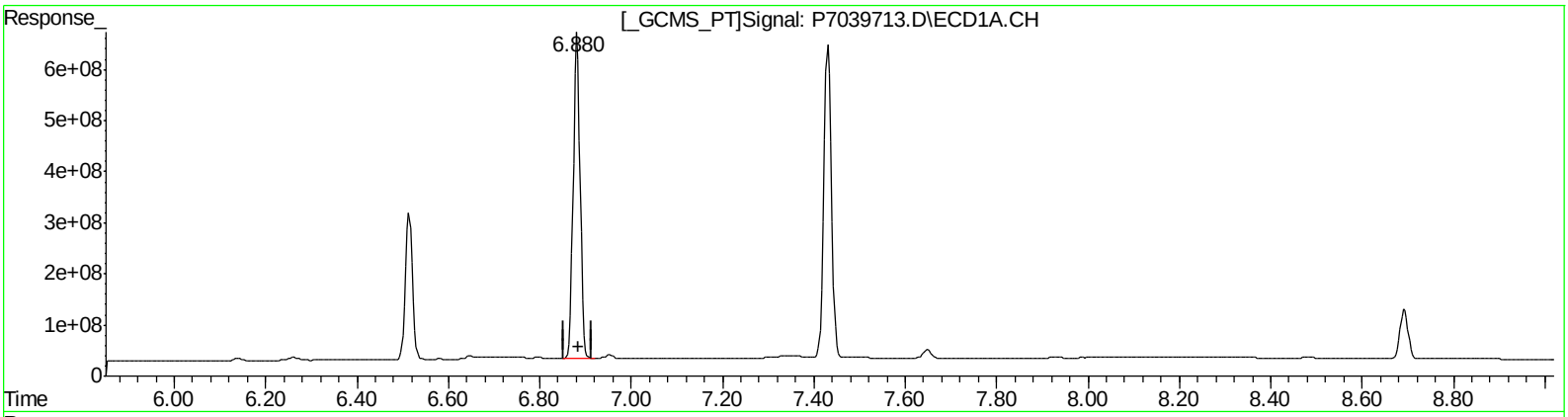
(17) 4,4'-DDT #2 (MA)
7.964min 127.528 ng/ml
response 6586153356

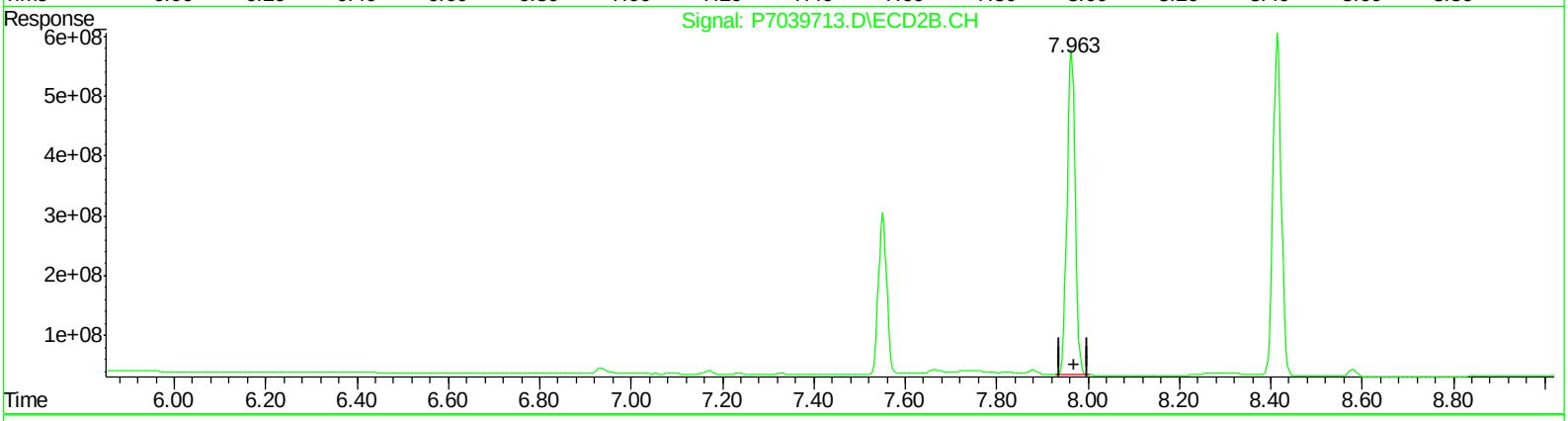
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.882min 124.231 ng/ml
response 6691801464

(17) 4,4'-DDT #2 (MA)
7.963min 127.559 ng/ml m
response 6587714820

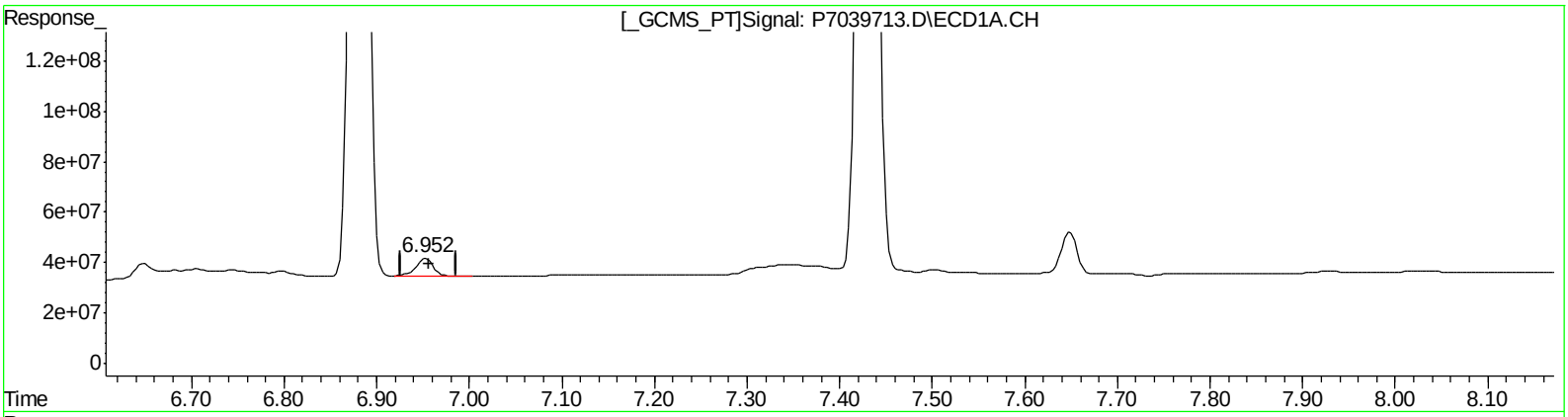
(+) = Expected Retention Time

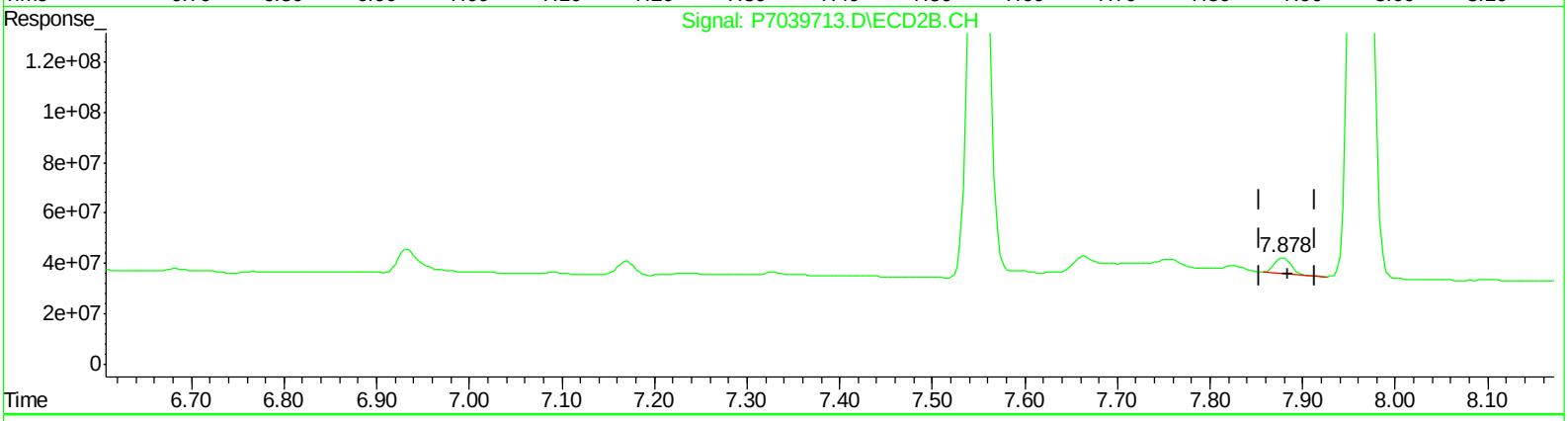
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.954min 1.919 ng/ml

response 96732738

(18) Endrin aldehyde #2 (B)

7.880min 1.243 ng/ml

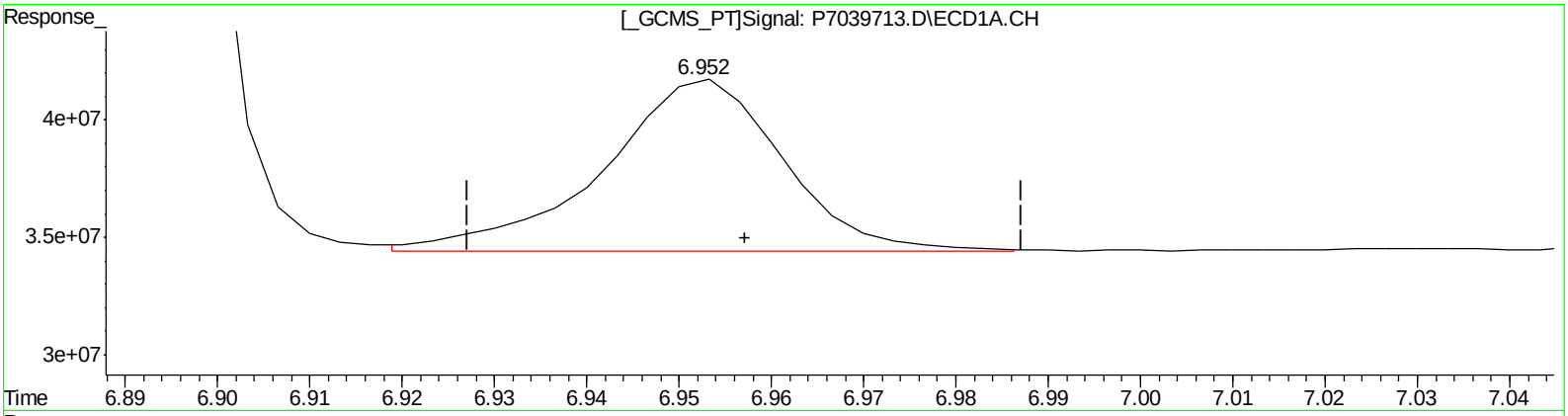
response 76053517

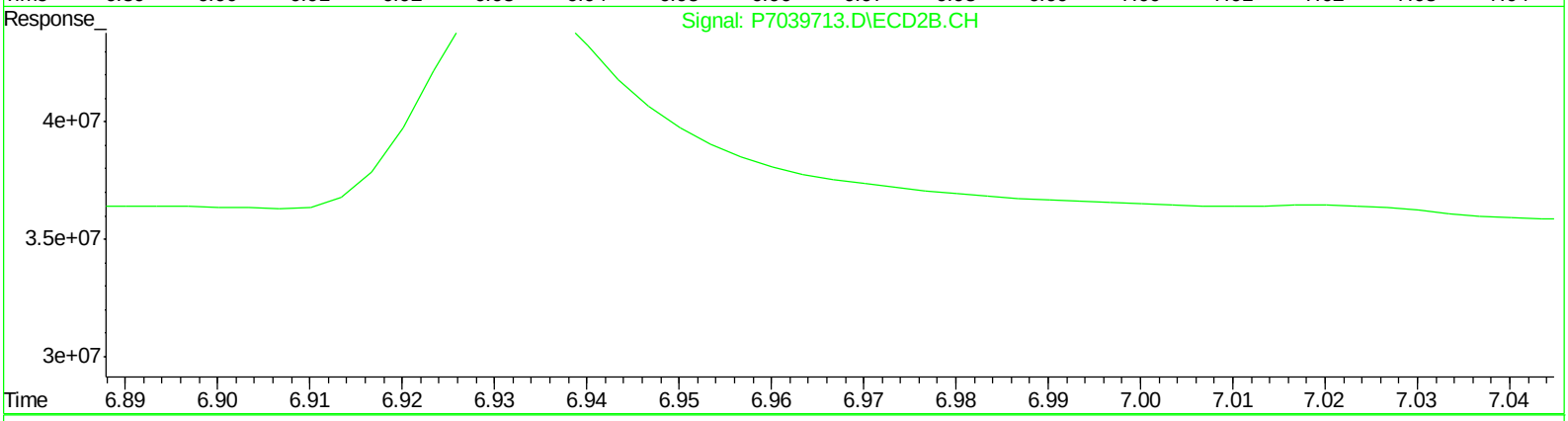
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.952min 1.956 ng/ml m

response 98614778

(18) Endrin aldehyde #2 (B)

7.880min 1.243 ng/ml

response 76053517

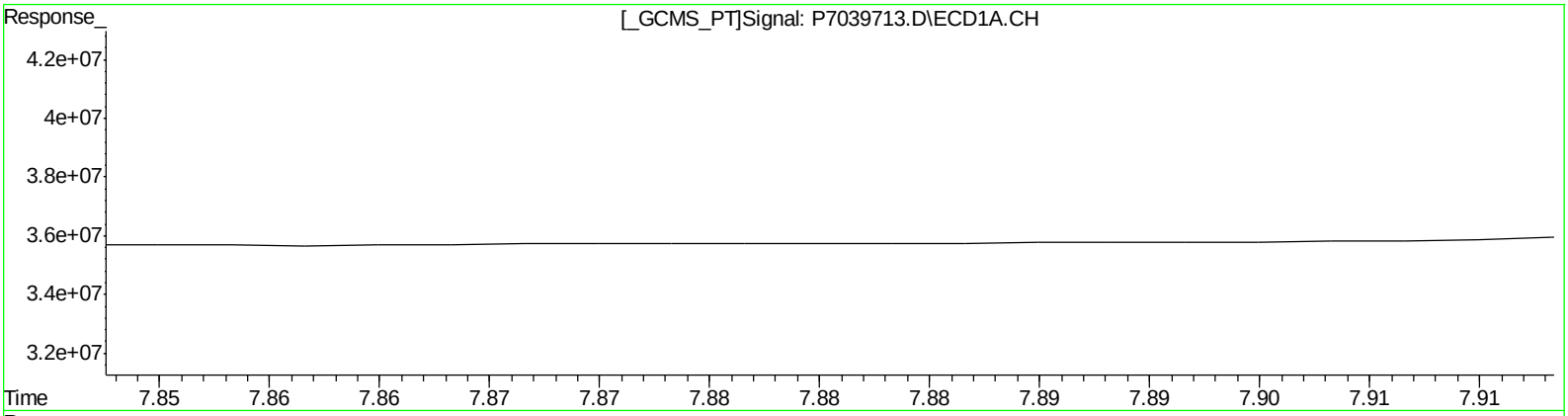
(+) = Expected Retention Time

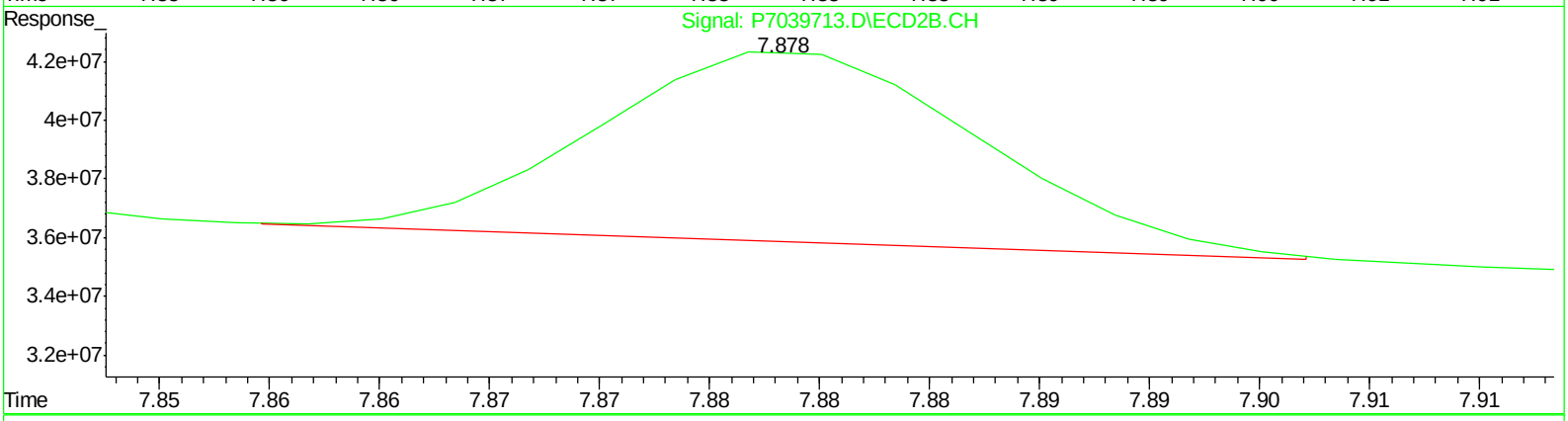
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.952min 1.956 ng/ml m

response 98614778

(18) Endrin aldehyde #2 (B)

7.878min 1.289 ng/ml m

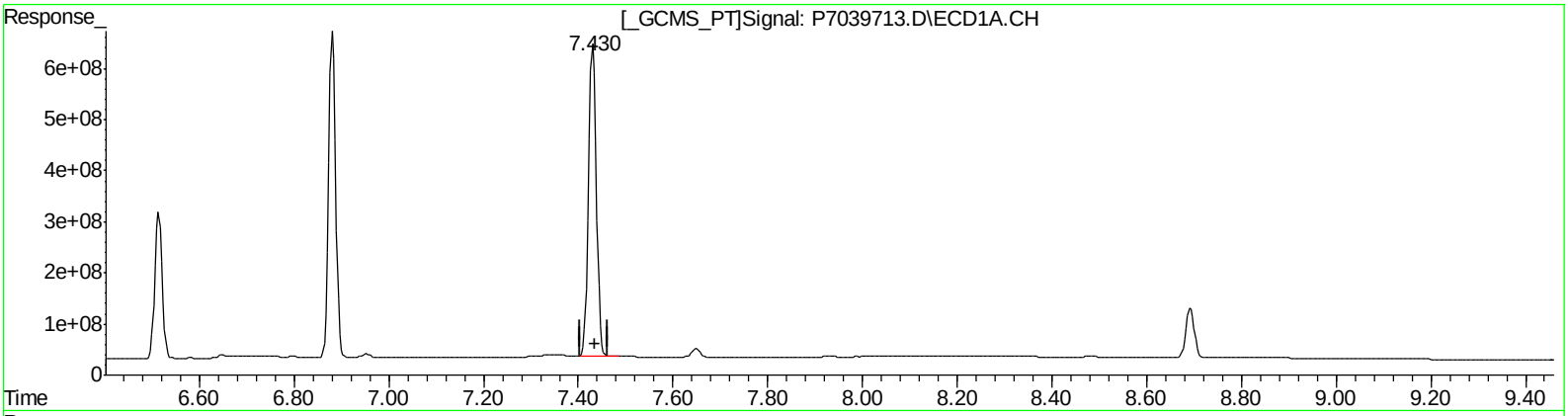
response 78857141

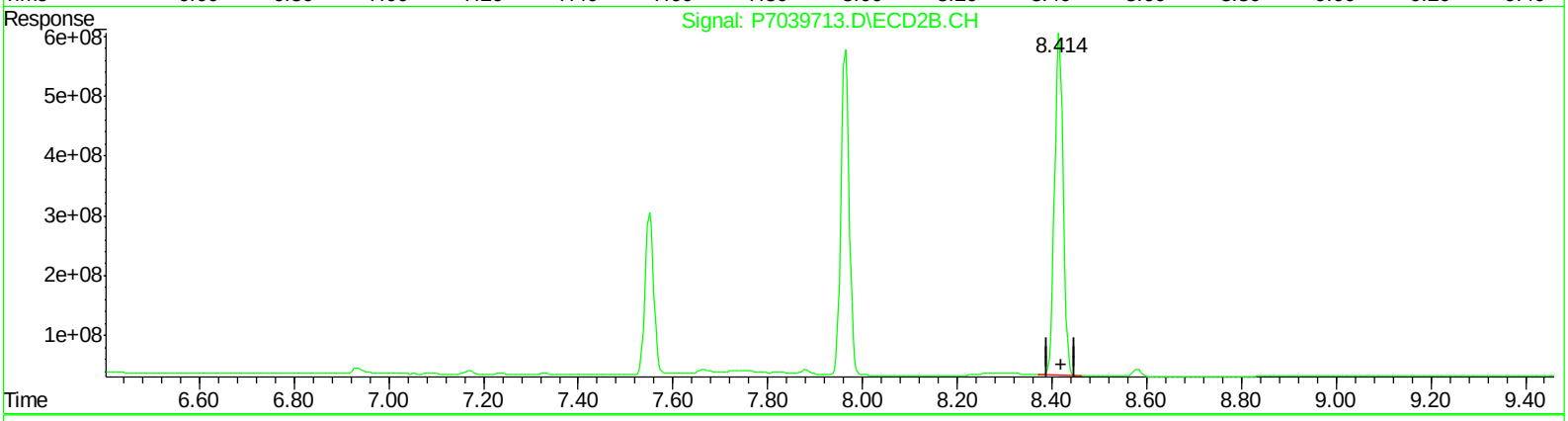
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(20) Methoxychlor (A)

7.431min 288.237 ng/ml

response 7071270825

(20) Methoxychlor #2 (A)

8.415min 270.504 ng/ml

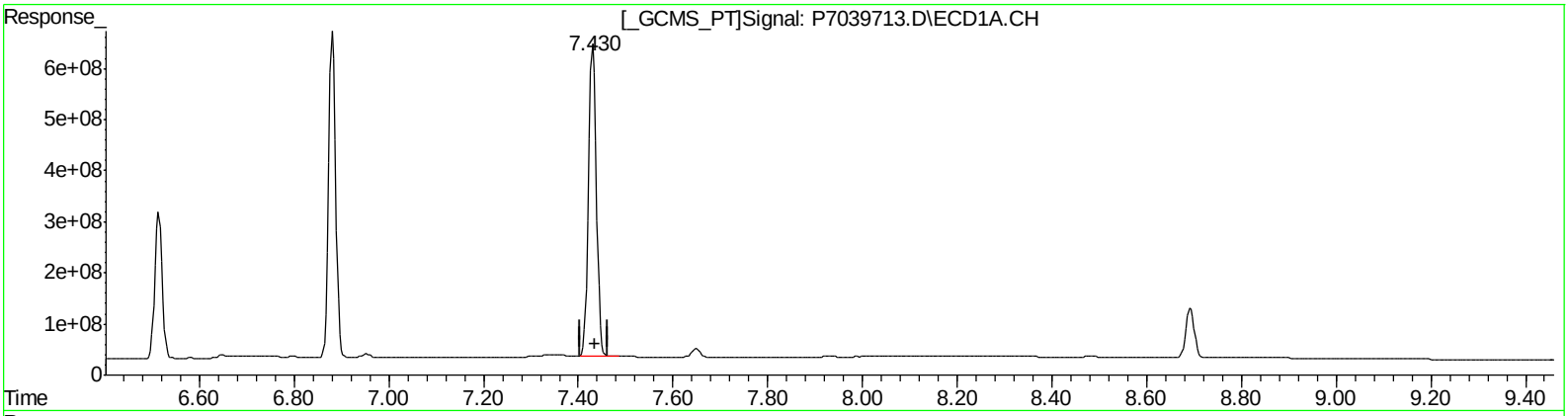
response 7240031380

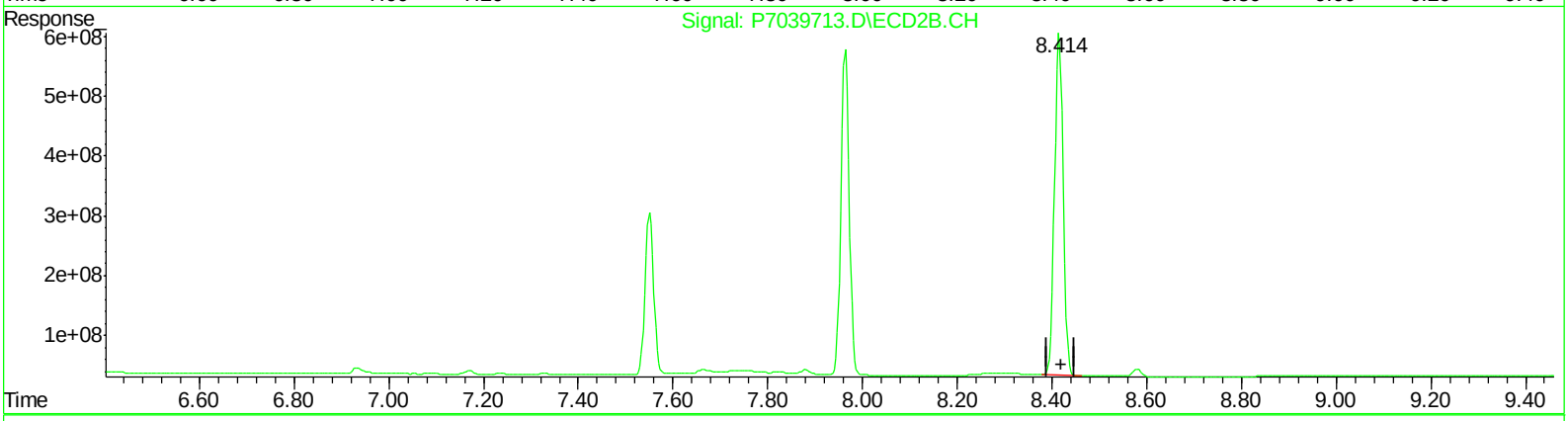
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(20) Methoxychlor (A)

7.431min 288.237 ng/ml

response 7071270825

(20) Methoxychlor #2 (A)

8.414min 270.597 ng/ml m

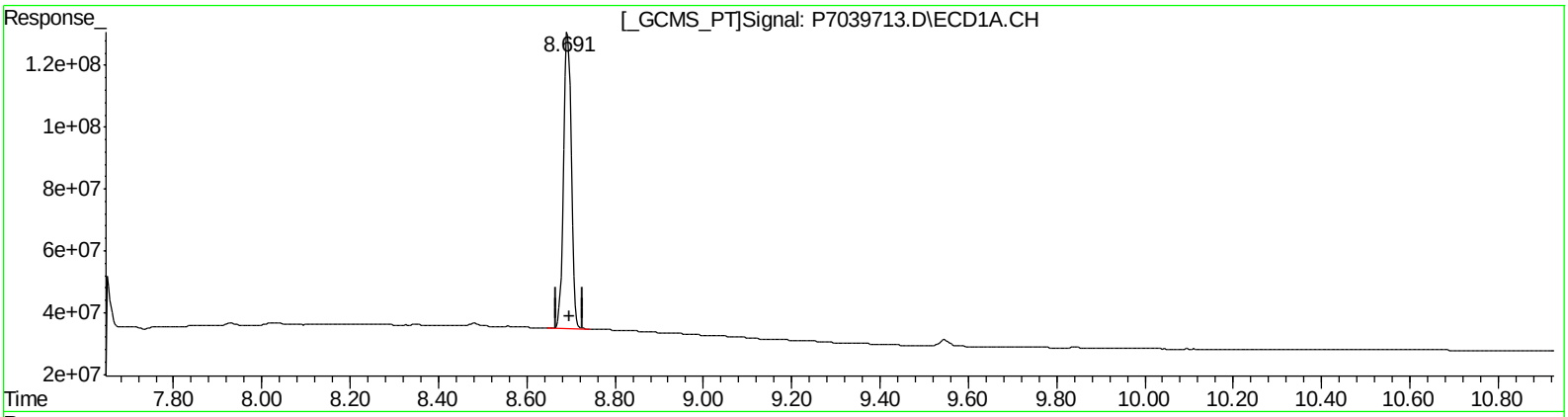
response 7242538212

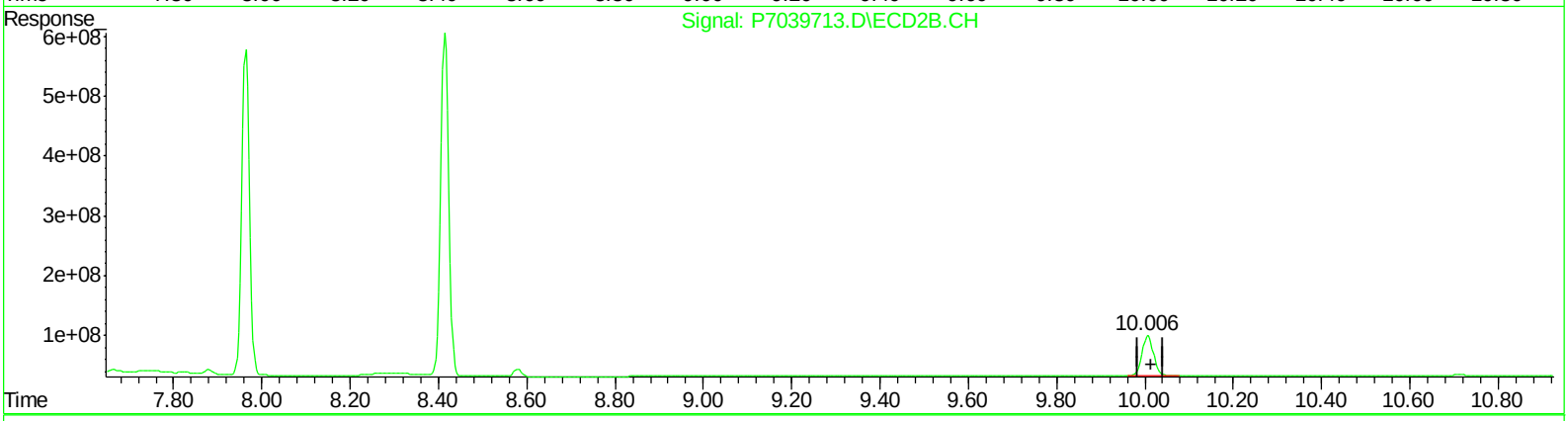
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:50
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 24.412 ng/ml

response 1173441229

(22) Decachlorobiphenyl #2 (SA)

10.007min 23.291 ng/ml

response 1177686282

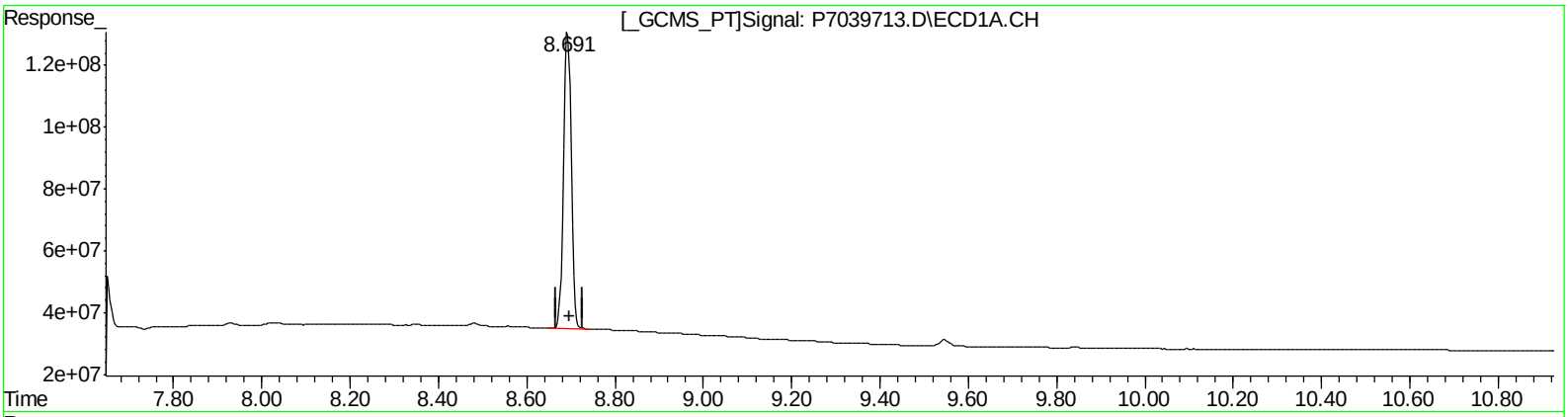
(+) = Expected Retention Time

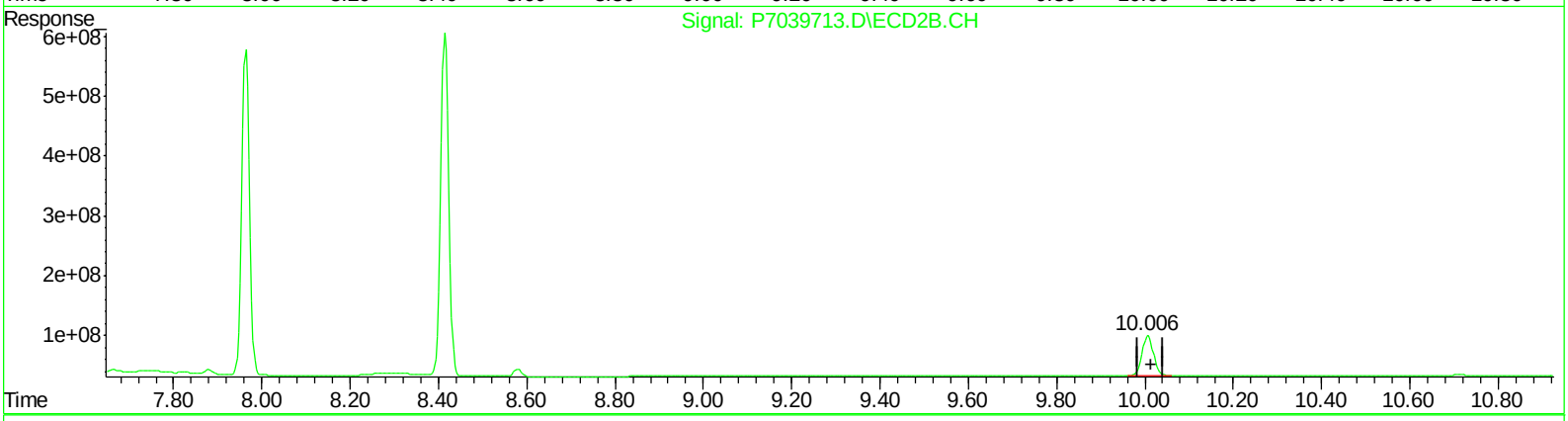
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:50
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 22   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:24:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.693min 24.412 ng/ml

response 1173441229

(22) Decachlorobiphenyl #2 (SA)

10.006min 23.256 ng/ml m

response 1175940156

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039713.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:50
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:43:08 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.784	1048.2E6	2070.8E6	23.540	24.464m
22)	SA Decachlor...	8.693	10.006	1173.4E6	1175.9E6	24.412	23.256m
	Target Compounds						
2)	A alpha-BHC	4.446	5.183	782.5E6	1546.2E6	10.403m	11.918m
3)	MA gamma-BHC...	4.727	5.476	762.5E6	1348.9E6	11.124	11.899m
6)	B beta-BHC	4.976	5.641	307.1E6	525.1E6	11.732	11.996m
12)	B 4,4'-DDE	6.138	7.169	43049561	68150028	0.642m	0.769m
14)	MA Endrin	6.515	7.550	3103.7E6	3408.7E6	54.523	51.724m
16)	A 4,4'-DDD	6.647	7.663	49149587	65426206	0.823m	0.902m
17)	MA 4,4'-DDT	6.882	7.963	6691.8E6	6587.7E6	124.231	127.559m
18)	B Endrin al...	6.952	7.878	98614778	78857141	1.956m	1.289m#
20)	A Methoxychlor	7.431	8.414	7071.3E6	7242.5E6	288.237	270.597m
21)	B Endrin ke...	7.649	8.580	193.3E6	162.9E6	3.100	2.713

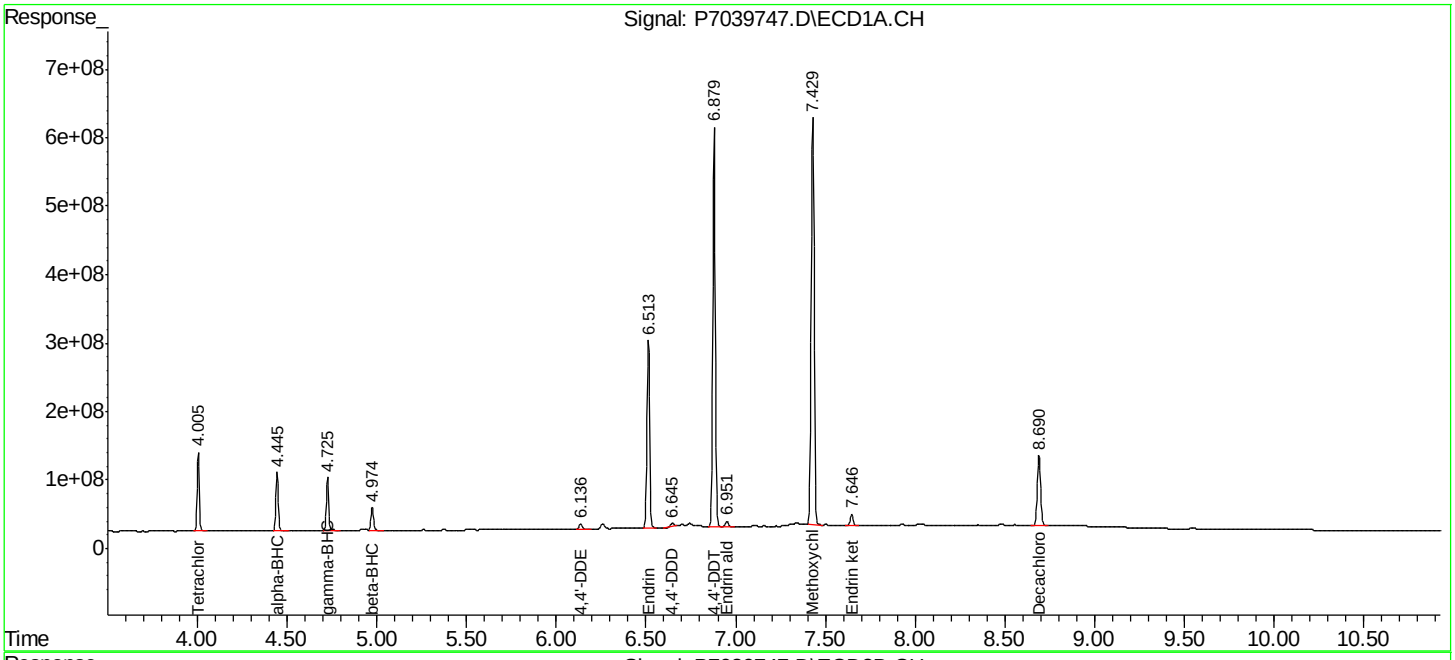
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

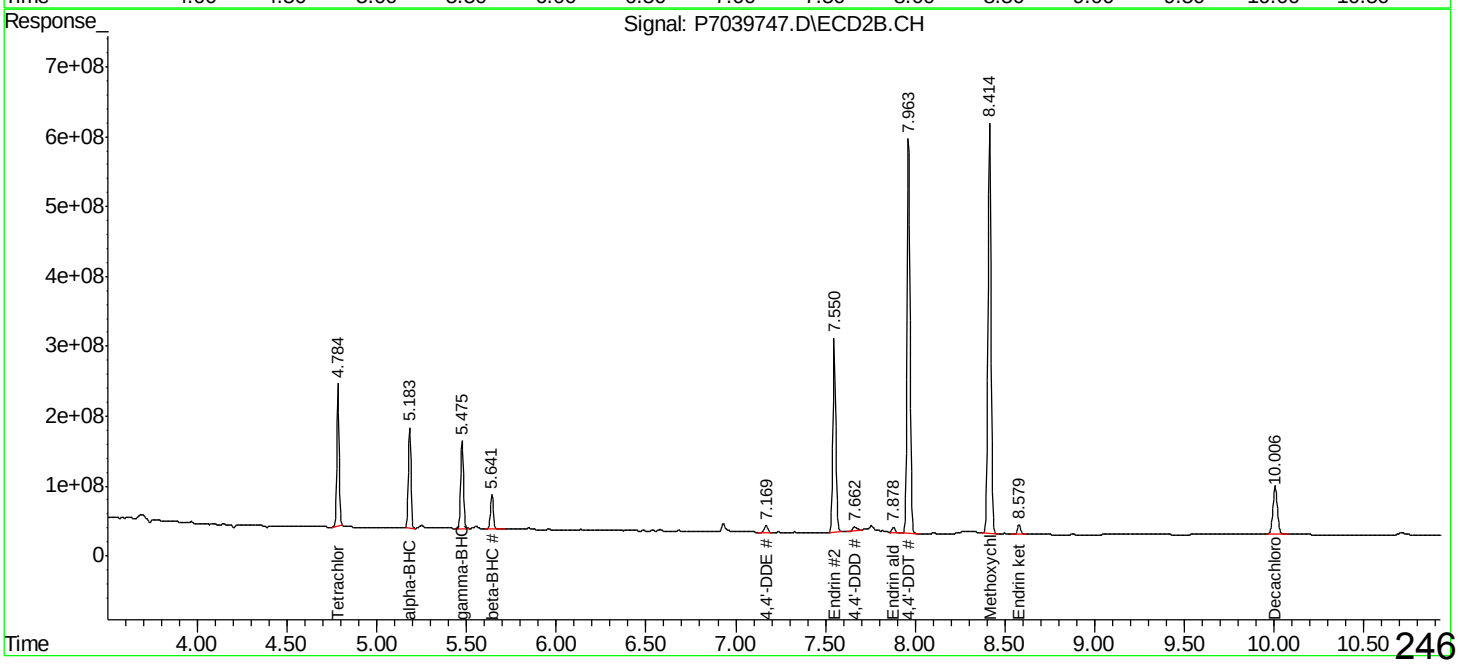
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039747.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 10:46
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:53:50 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





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Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039747.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 10:46
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:53:50 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.006	4.786	1014.3E6	2025.2E6	22.779	23.926	
22)	SA Decachlor...	8.691	10.007	1215.9E6	1222.0E6	25.296	24.167	
	Target Compounds							
2)	A alpha-BHC	4.446	5.184	769.9E6	1455.3E6	10.236	11.217	
3)	MA gamma-BHC...	4.727	5.477	729.8E6	1293.9E6	10.647	11.414	
6)	B beta-BHC	4.975	5.643	314.0E6	531.8E6	11.996	12.148	
12)	B 4,4'-DDE	6.138	7.170	95462544	120.2E6	1.424	1.356	
14)	MA Endrin	6.514	7.551	2943.3E6	3482.7E6	51.706	52.847	
16)	A 4,4'-DDD	6.647	7.664	34711223	84262969	0.581	1.161	#
17)	MA 4,4'-DDT	6.881	7.965	6239.2E6	6886.7E6	116.085	133.348	
18)	B Endrin al...	6.953	7.880	88852360	93839649	1.763	1.533	
20)	A Methoxychlor	7.430	8.416	6928.0E6	7576.3E6	282.398	283.069	
21)	B Endrin ke...	7.647	8.580	193.2E6	170.0E6	3.099	2.831	

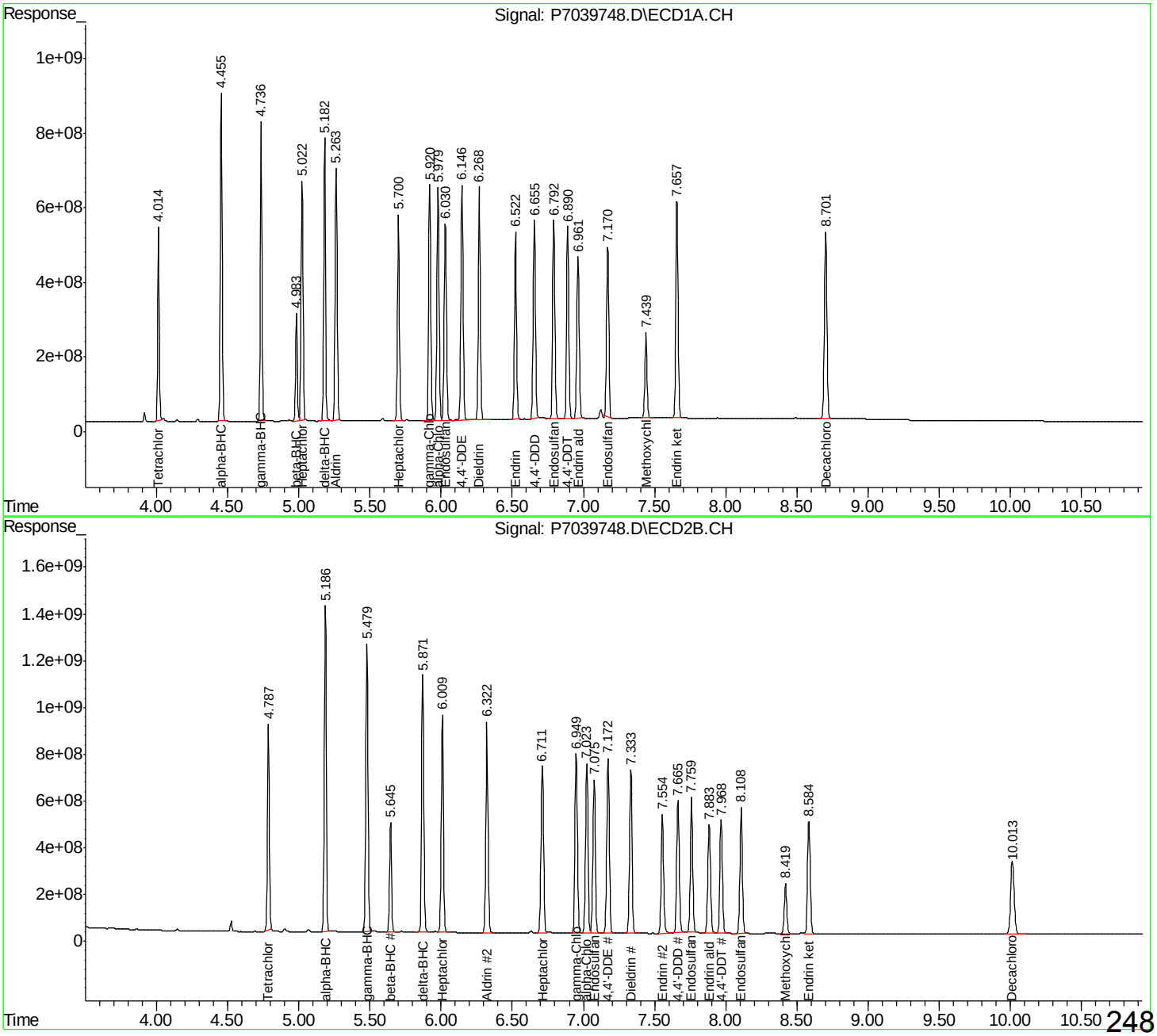
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:24
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:46:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

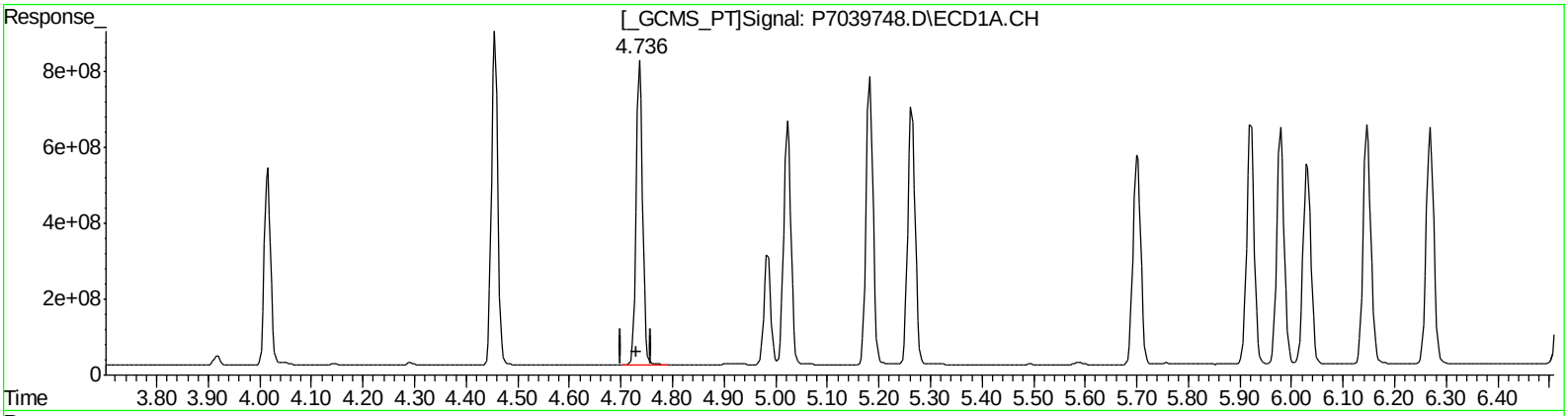


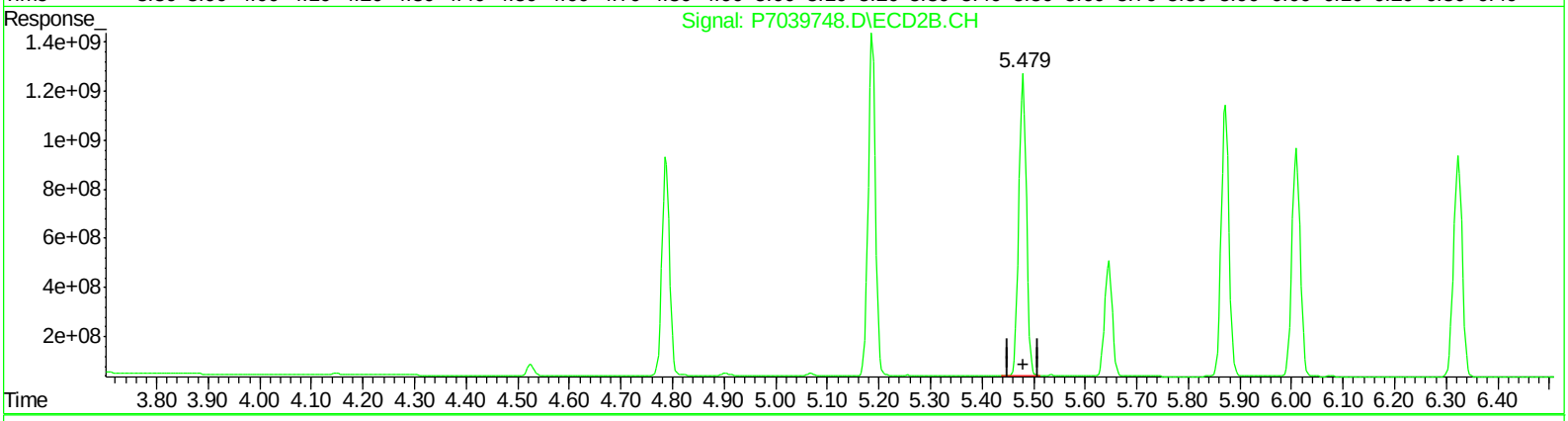
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 11:24
Operator : JJ
Sample   : STD 100
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.737min 104.295 ng/ml

response 7148666081

(3) gamma-BHC (Lindane) #2 (MA)

5.482min 79.167 ng/ml

response 8974310709

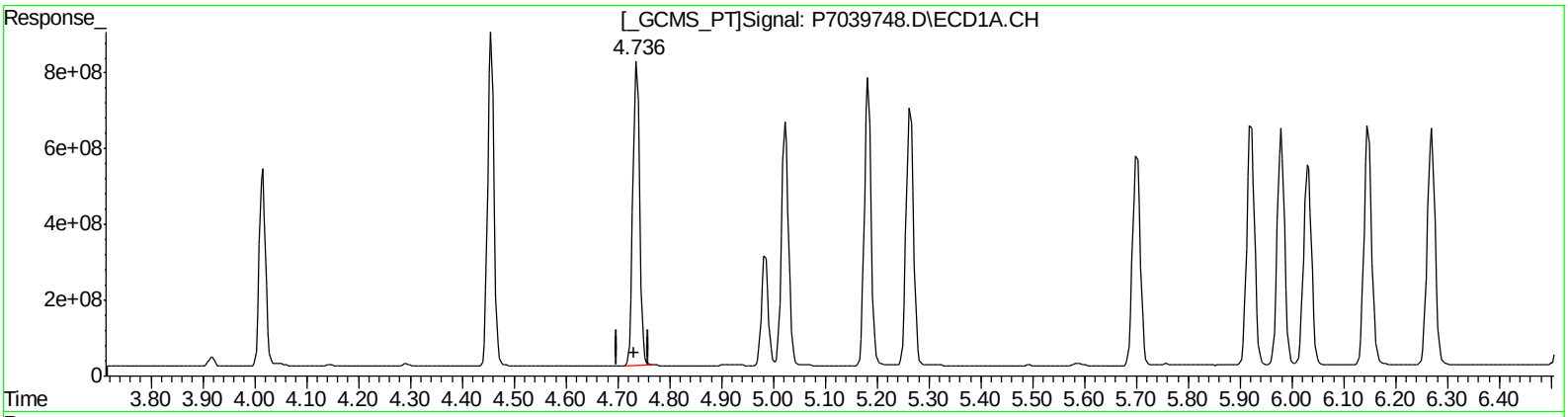
(+) = Expected Retention Time

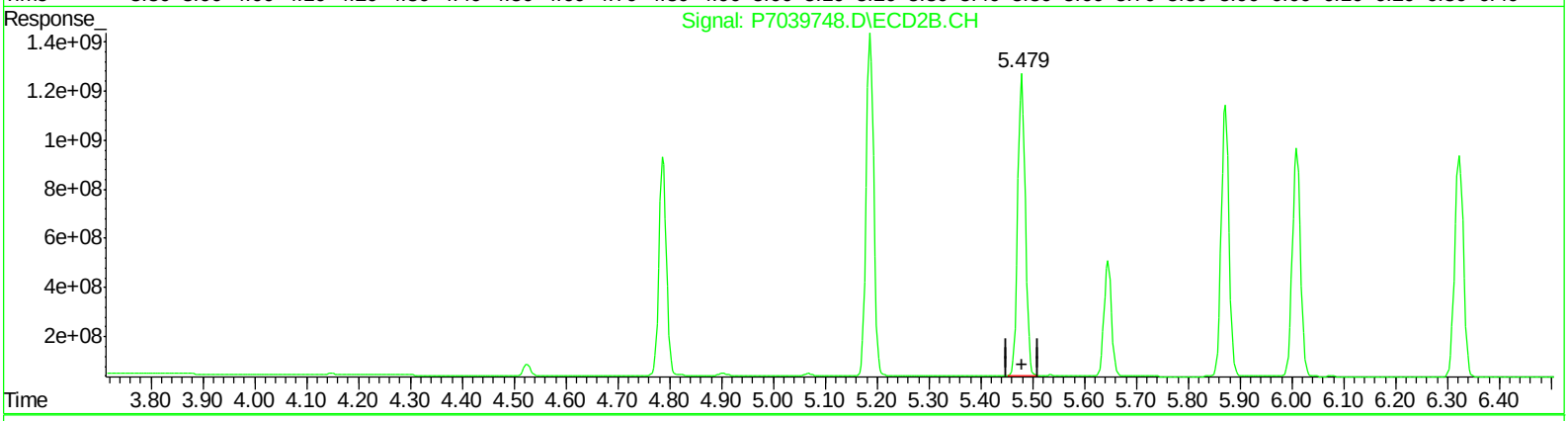
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:24
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.736min 103.445 ng/ml m

response 7090435901

(3) gamma-BHC (Lindane) #2 (MA)

5.479min 110.840 ng/ml m

response 12564742807

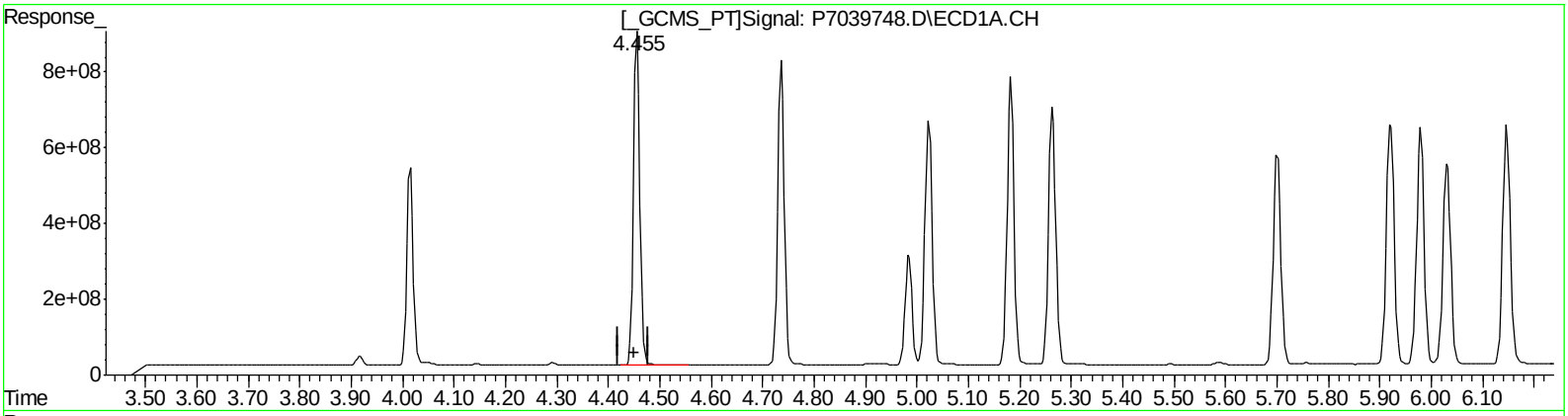
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:24
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(2) alpha-BHC (A)

4.456min 101.759 ng/ml

response 7653936087

(2) alpha-BHC #2 (A)

5.187min 78.743 ng/ml

response 10216110517

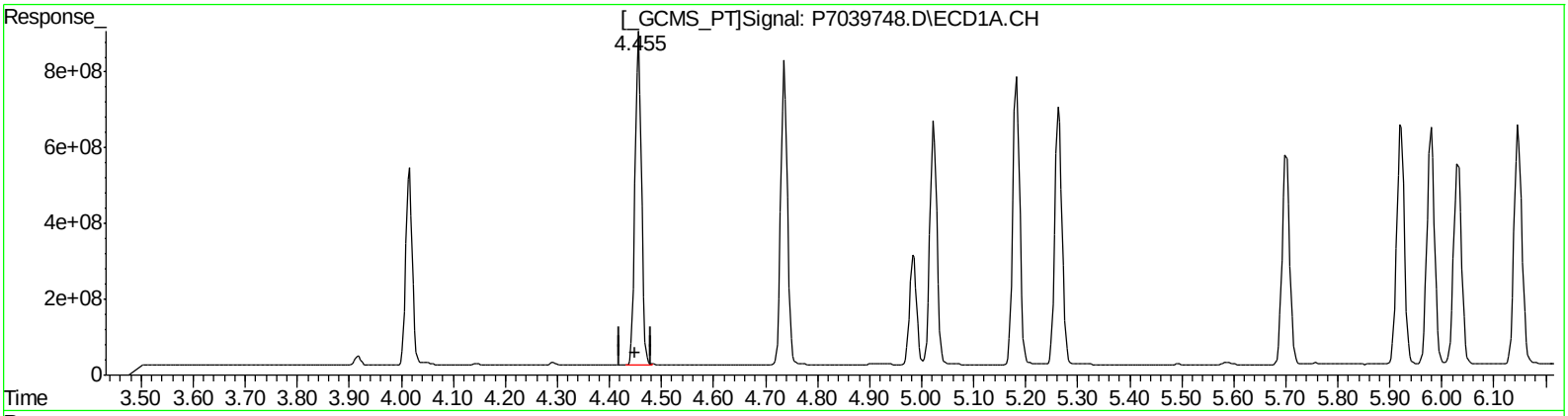
(+) = Expected Retention Time

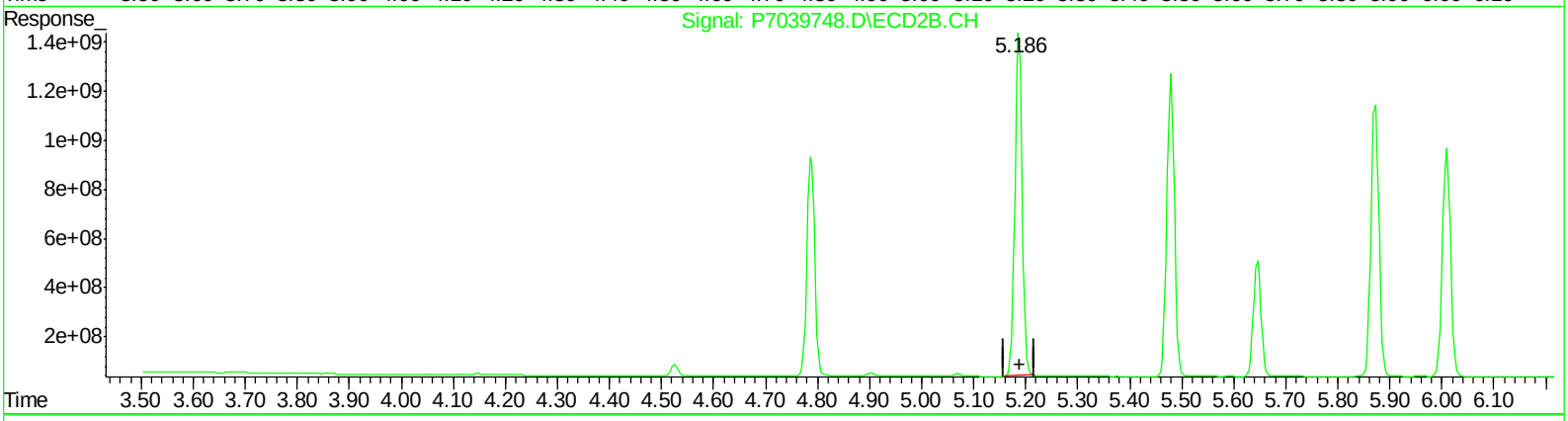
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:24
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:44:46 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.455min 100.951 ng/ml m

response 7593167088

(2) alpha-BHC #2 (A)

5.186min 106.003 ng/ml m

response 13752775897

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039748.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 11:24
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:46:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.016	4.788	4449.4E6	8804.9E6	99.923	104.020
22)	SA Decachlor...	8.703	10.015	5802.3E6	5477.7E6	120.710	108.330
	Target Compounds						
2)	A alpha-BHC	4.455	5.186	7593.2E6	13752.8E6	100.951m	106.003m
3)	MA gamma-BHC...	4.736	5.479	7090.4E6	12564.7E6	103.445m	110.840m
4)	MA Heptachlor	5.024	6.010	6163.2E6	10440.1E6	107.160	109.817
5)	MB Aldrin	5.264	6.324	6643.1E6	10543.2E6	97.135	101.345
6)	B beta-BHC	4.985	5.646	2678.9E6	4849.1E6	102.353	110.776
7)	B delta-BHC	5.183	5.872	6974.1E6	11793.7E6	102.664	107.081
8)	B Heptachlo...	5.702	6.712	5796.3E6	8678.4E6	91.447	93.679
9)	A Endosulfan I	6.031	7.076	5683.5E6	8039.4E6	91.720	94.387
10)	B gamma-Chl...	5.922	6.951	6539.8E6	9271.0E6	94.651	96.261
11)	B alpha-Chl...	5.980	7.024	6288.9E6	8784.9E6	93.769	95.583
12)	B 4,4'-DDE	6.147	7.174	6644.9E6	8885.9E6	99.095	100.259
13)	MA Dieldrin	6.270	7.334	6583.3E6	8709.0E6	91.945	95.521
14)	MA Endrin	6.524	7.556	5442.6E6	6451.0E6	95.612	97.889
15)	B Endosulfa...	6.793	7.761	5855.7E6	7035.3E6	93.499	95.020
16)	A 4,4'-DDD	6.656	7.666	5633.2E6	6901.8E6	94.316	95.105
17)	MA 4,4'-DDT	6.891	7.969	5535.3E6	6095.8E6	103.420	118.034
18)	B Endrin al...	6.963	7.884	4814.2E6	5940.6E6	95.498	97.069
19)	B Endosulfa...	7.171	8.109	4871.7E6	6840.8E6	104.924	105.428
20)	A Methoxychlor	7.440	8.421	2587.4E6	2762.2E6	105.466	103.200
21)	B Endrin ke...	7.658	8.585	6711.5E6	6283.9E6	107.668	104.660

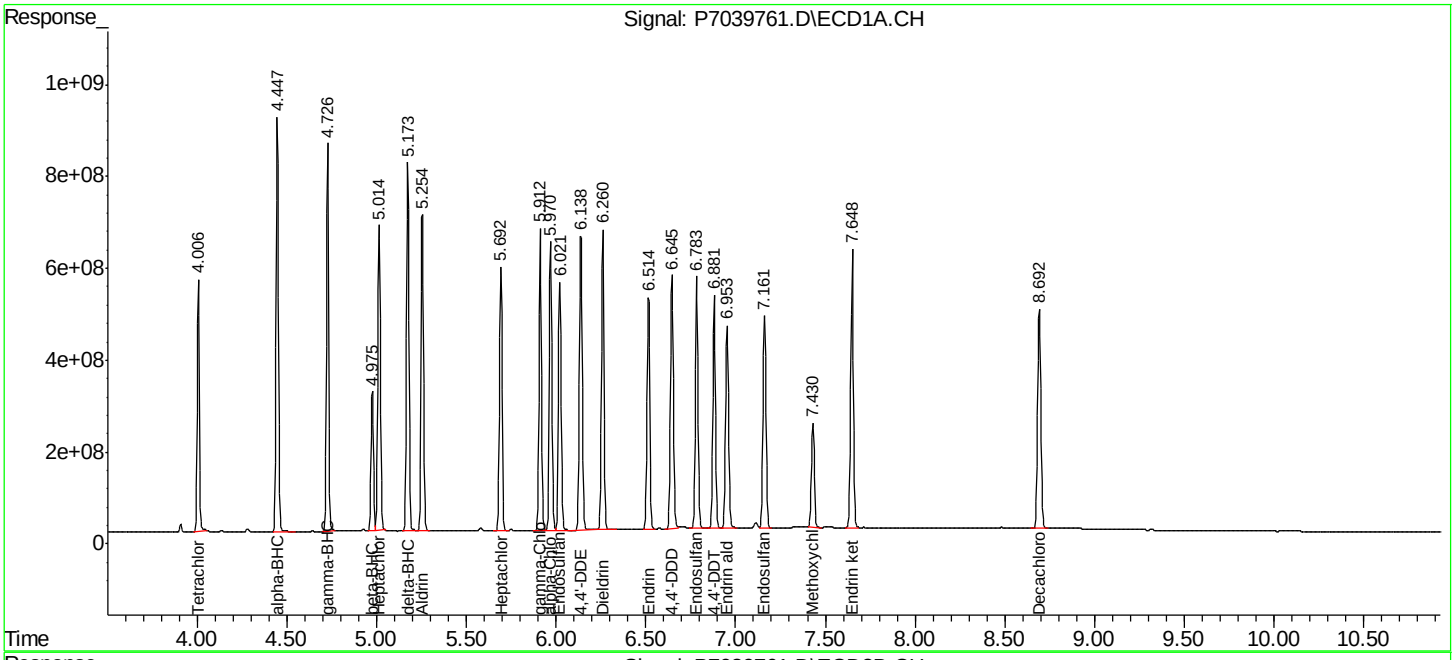
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

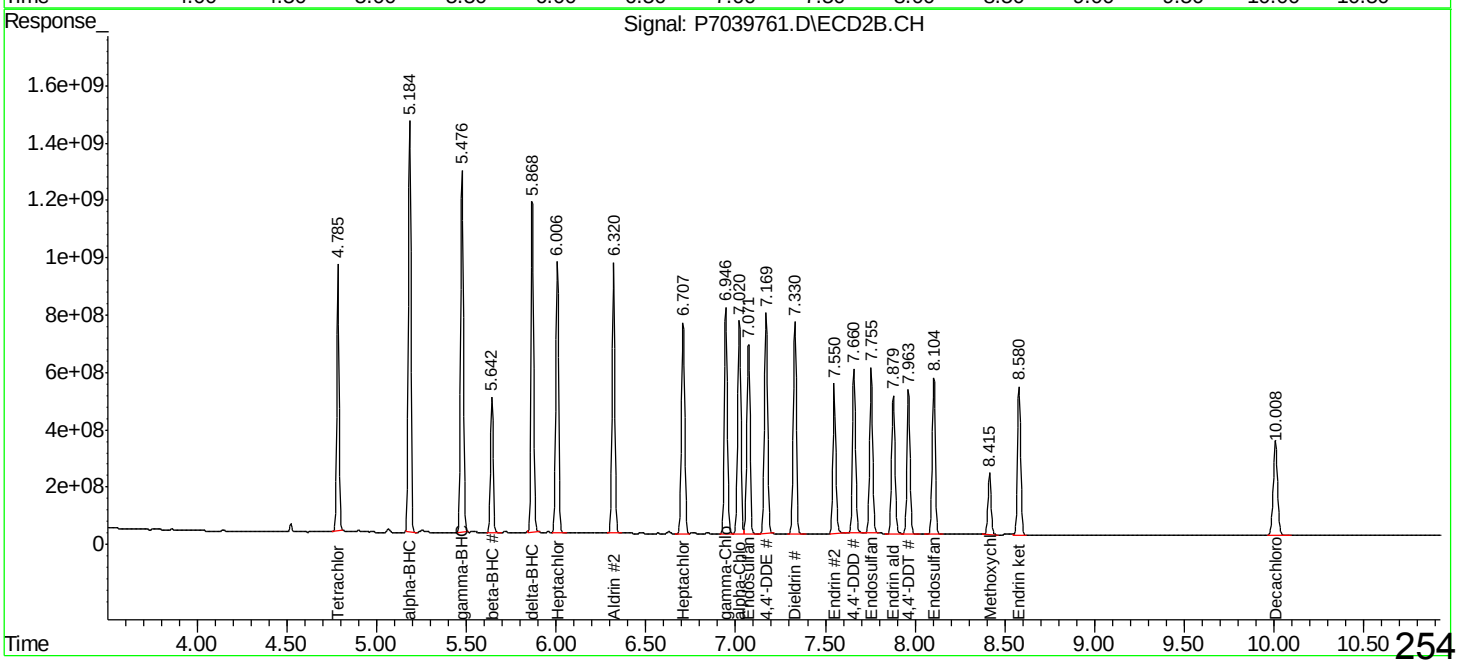
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 14:37
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:02:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



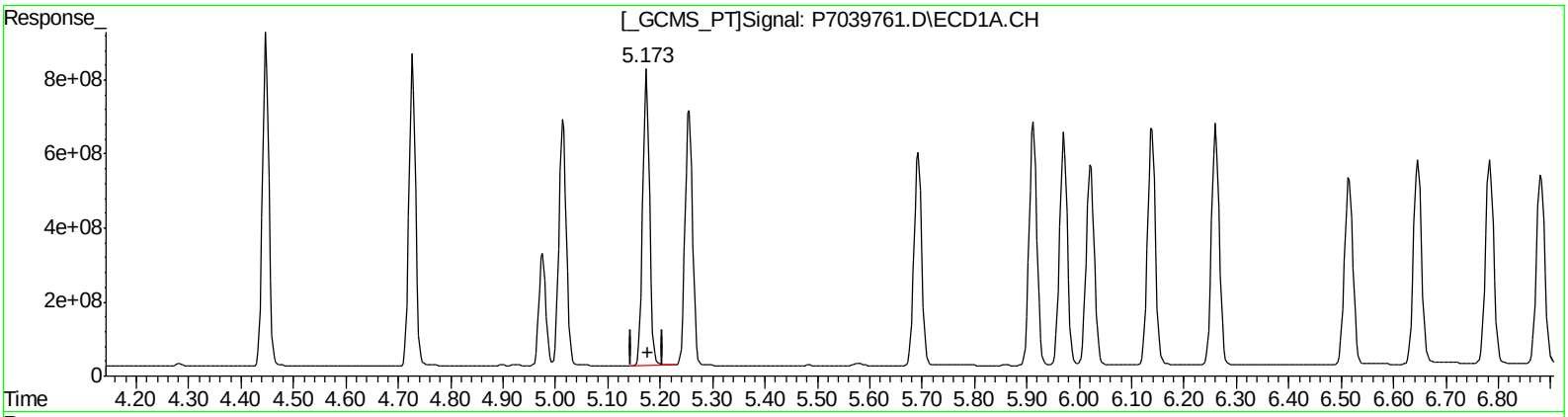


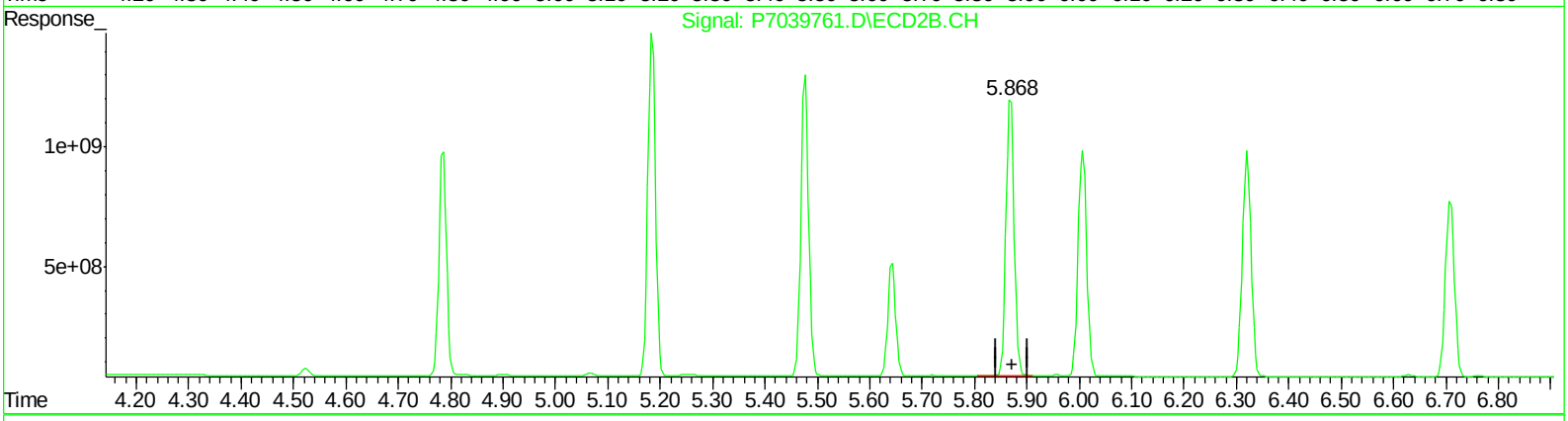
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 14:37
Operator : JJ
Sample   : STD 100
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:00:10 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.174min 108.531 ng/ml

response 7372684471

(7) delta-BHC #2 (B)

5.870min 79.884 ng/ml

response 8798304697

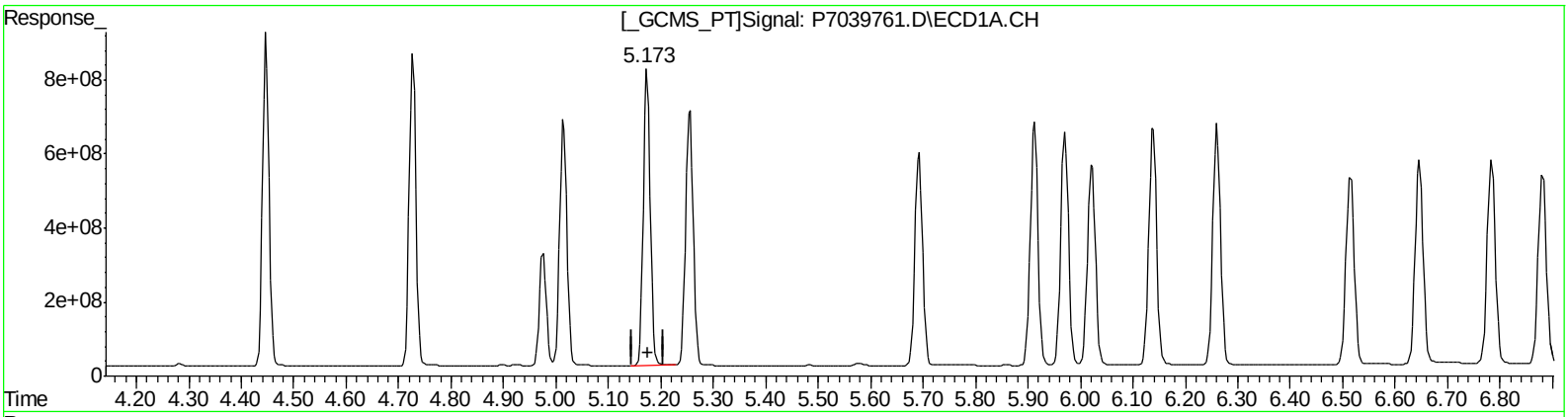
(+) = Expected Retention Time

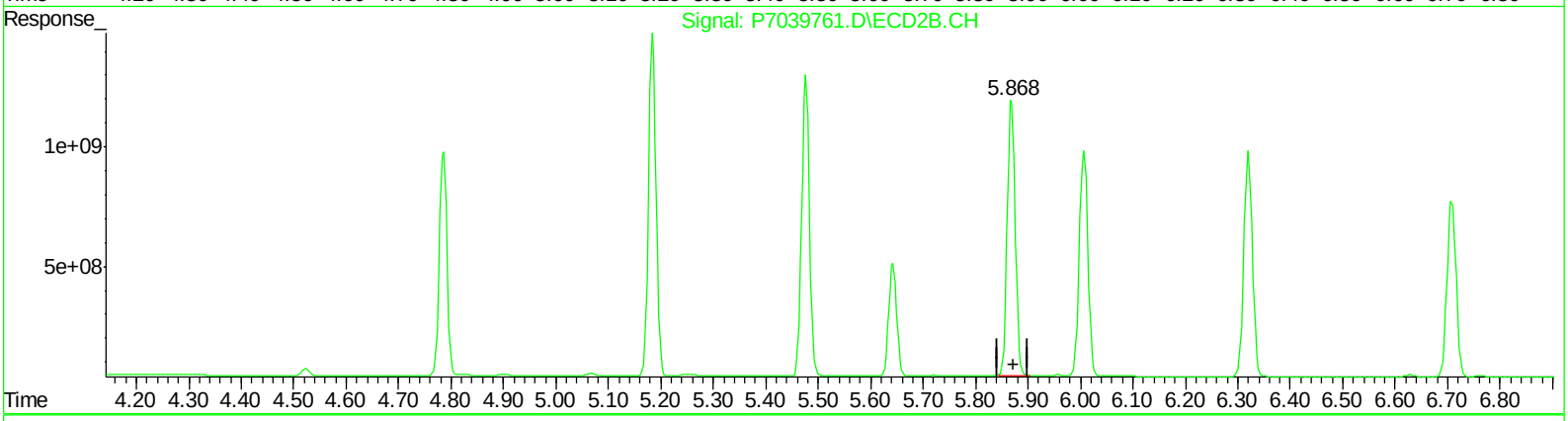
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 14:37
Operator : JJ
Sample   : STD 100
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:00:10 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.174min 108.531 ng/ml

response 7372684471

(7) delta-BHC #2 (B)

5.868min 112.084 ng/ml m

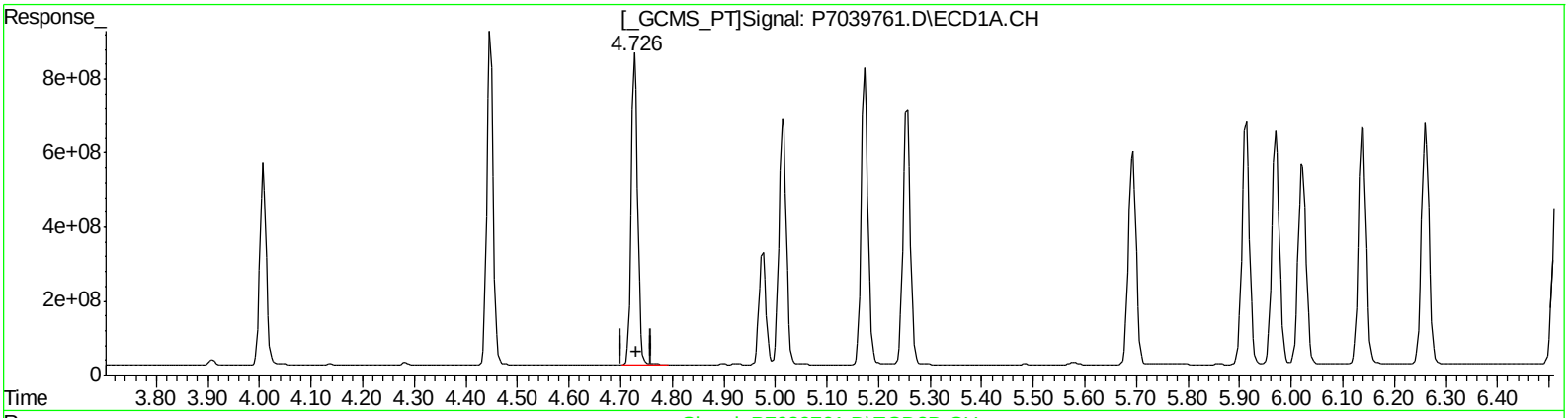
response 12344693988

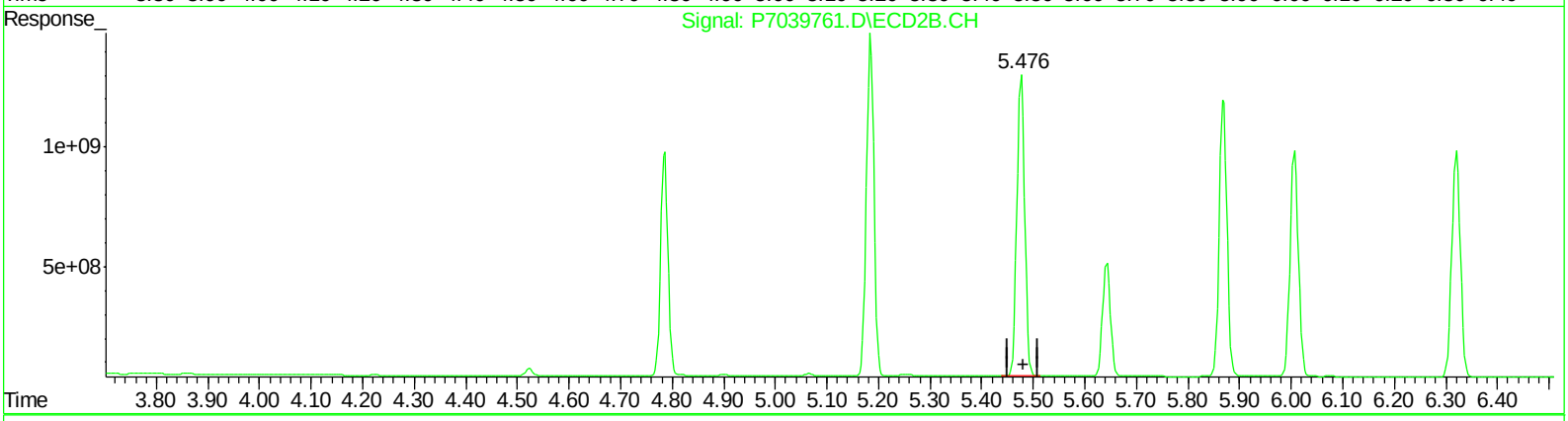
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 14:37
Operator : JJ
Sample   : STD 100
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:00:10 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 109.392 ng/ml

response 7498021299

(3) gamma-BHC (Lindane) #2 (MA)

5.475min 84.119 ng/ml

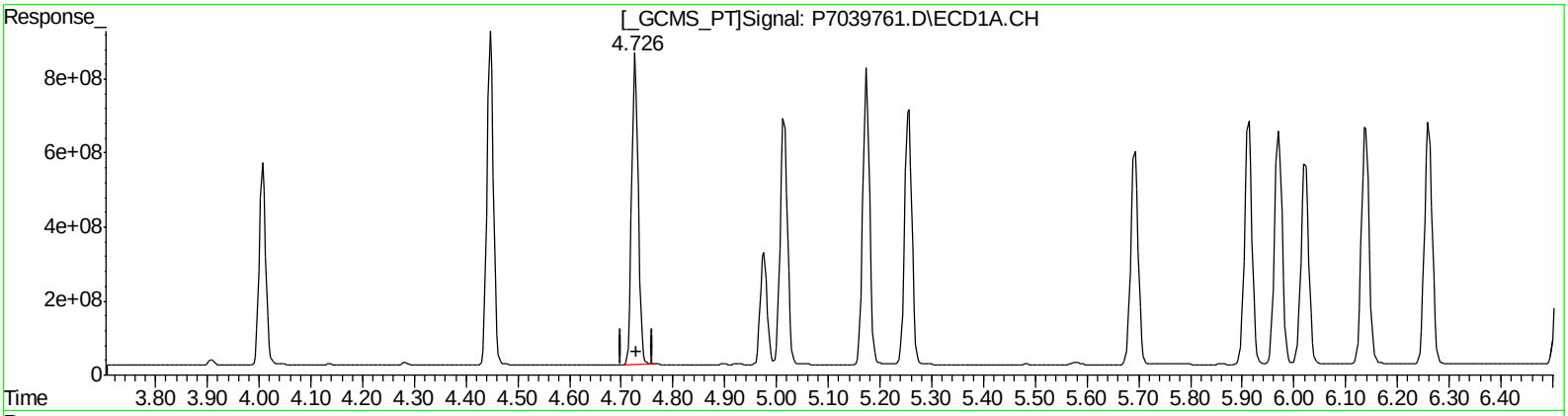
response 9535685584

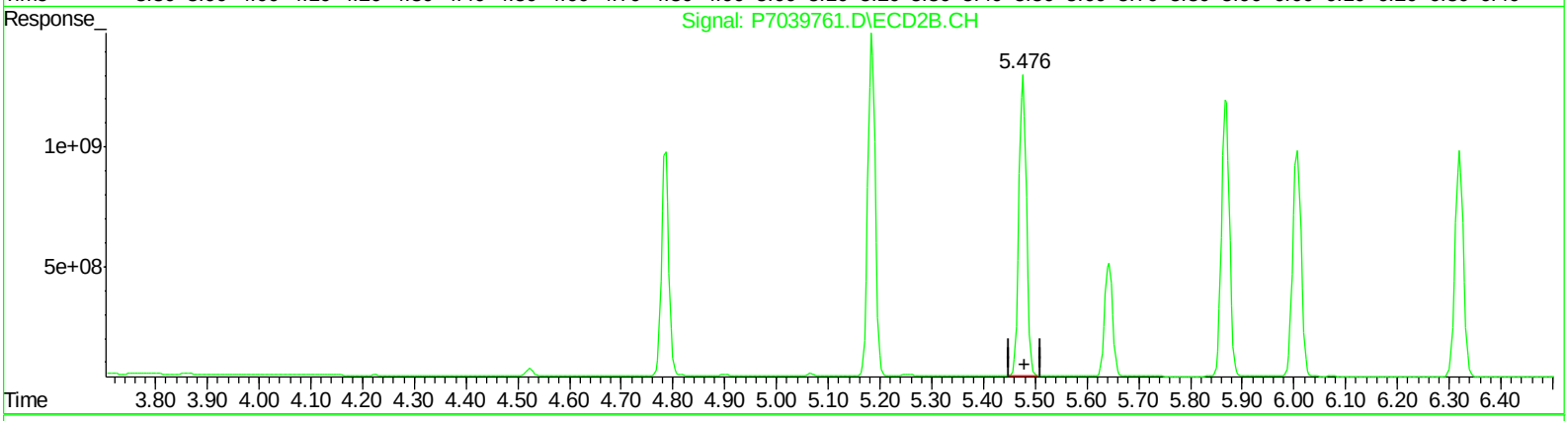
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 14:37
Operator : JJ
Sample   : STD 100
Misc   :
ALS Vial : 17   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:00:10 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.726min 108.889 ng/ml m

response 7463560760

(3) gamma-BHC (Lindane) #2 (MA)

5.476min 115.340 ng/ml m

response 13074842374

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039761.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 14:37
Operator : JJ
Sample : STD 100
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 15:02:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	4744.7E6	9234.1E6	106.555	109.090
22)	SA Decachlor...	8.693	10.009	5703.9E6	5695.6E6	118.662	112.639
	Target Compounds						
2)	A alpha-BHC	4.448	5.185	7839.7E6	14501.4E6	104.229	111.773
3)	MA gamma-BHC...	4.726	5.476	7463.6E6	13074.8E6	108.889m	115.340m
4)	MA Heptachlor	5.015	6.007	6418.2E6	10751.8E6	111.595	113.095
5)	MB Aldrin	5.256	6.321	6930.1E6	10825.4E6	101.331	104.058
6)	B beta-BHC	4.976	5.643	2788.3E6	5007.6E6	106.532	114.397
7)	B delta-BHC	5.174	5.868	7372.7E6	12344.7E6	108.531	112.084m
8)	B Heptachlo...	5.693	6.709	5975.3E6	8920.3E6	94.269	96.289
9)	A Endosulfan I	6.022	7.073	5851.8E6	8217.9E6	94.436	96.483
10)	B gamma-Chl...	5.913	6.947	6765.7E6	9497.6E6	97.920	98.613
11)	B alpha-Chl...	5.971	7.022	6483.8E6	9066.1E6	96.676	98.642
12)	B 4,4'-DDE	6.139	7.171	6817.8E6	9123.9E6	101.673	102.944
13)	MA Dieldrin	6.261	7.331	6771.8E6	8973.1E6	94.578	98.418
14)	MA Endrin	6.515	7.552	5633.0E6	6622.2E6	98.957	100.486
15)	B Endosulfa...	6.784	7.757	5966.7E6	7235.2E6	95.272	97.720
16)	A 4,4'-DDD	6.647	7.661	5896.2E6	7055.0E6	98.719	97.217
17)	MA 4,4'-DDT	6.882	7.965	5605.2E6	6272.8E6	104.678	121.461
18)	B Endrin al...	6.954	7.880	4892.2E6	6039.9E6	97.044	98.691
19)	B Endosulfa...	7.162	8.105	5192.4E6	6898.5E6	111.830	106.317
20)	A Methoxychlor	7.431	8.416	2585.7E6	2807.2E6	105.397	104.884
21)	B Endrin ke...	7.650	8.581	6943.0E6	6653.0E6	111.383	110.807

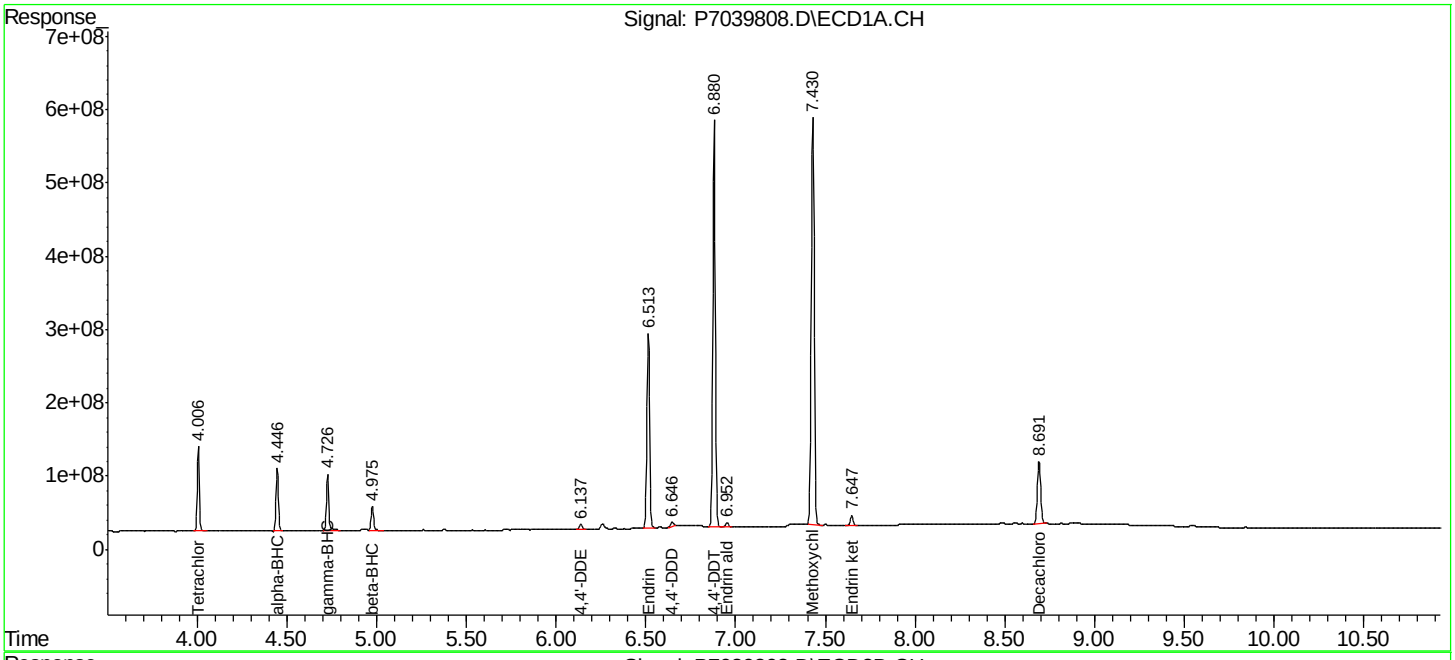
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

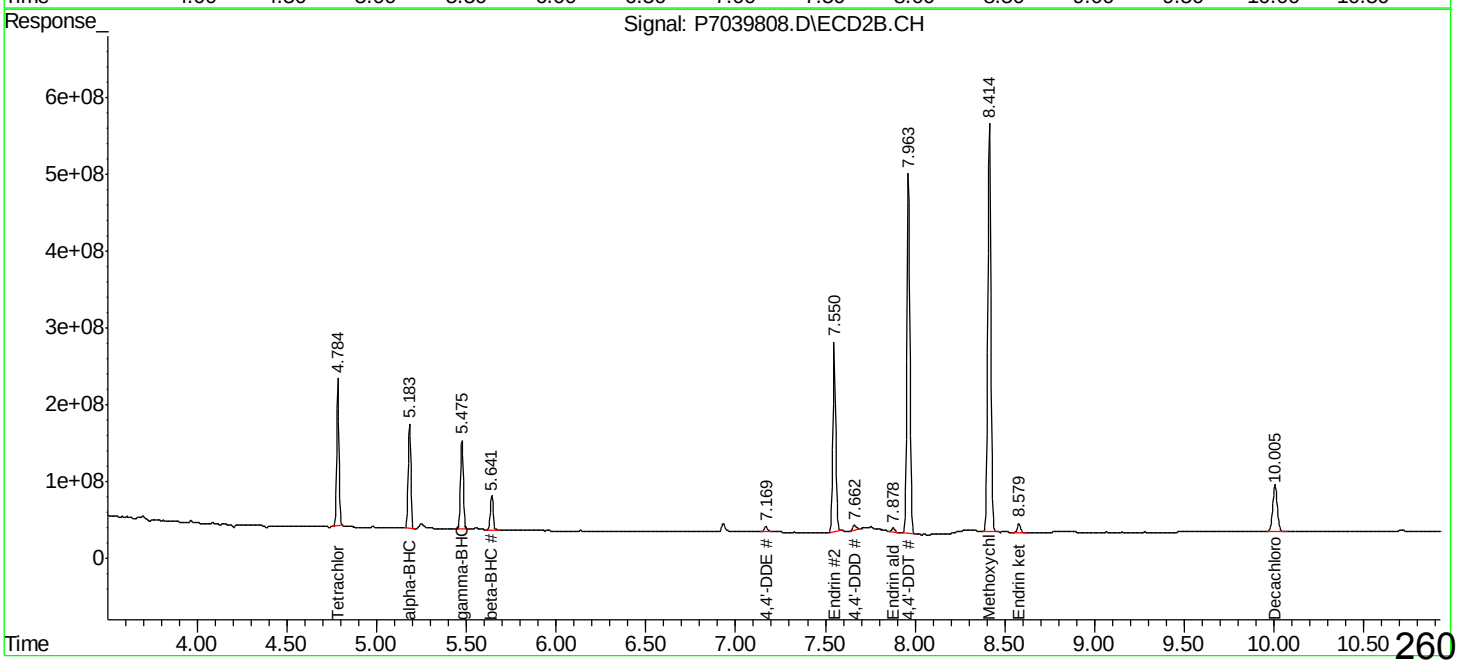
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:36
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:04:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



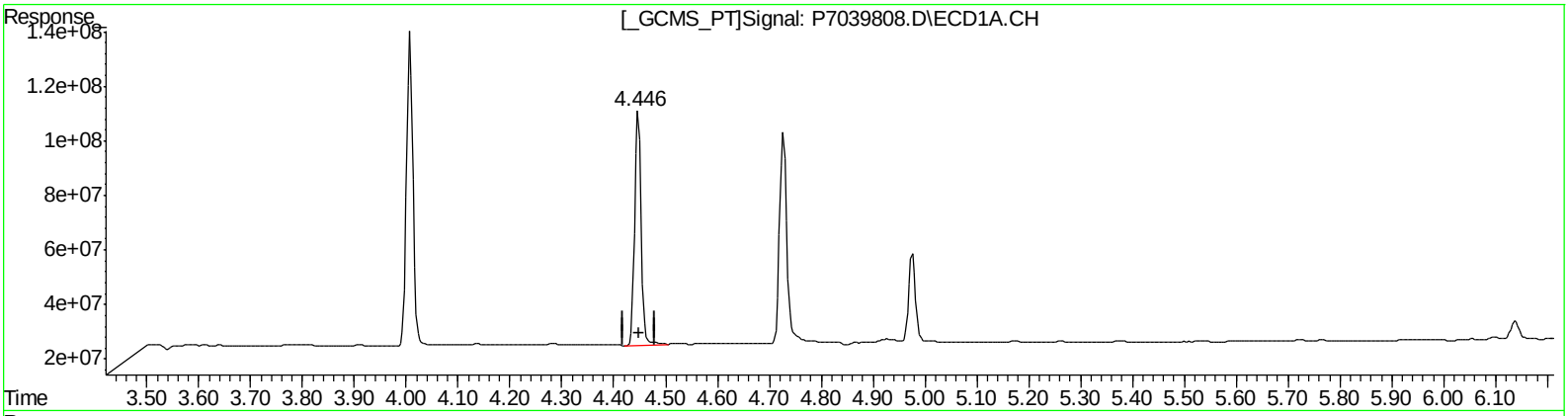


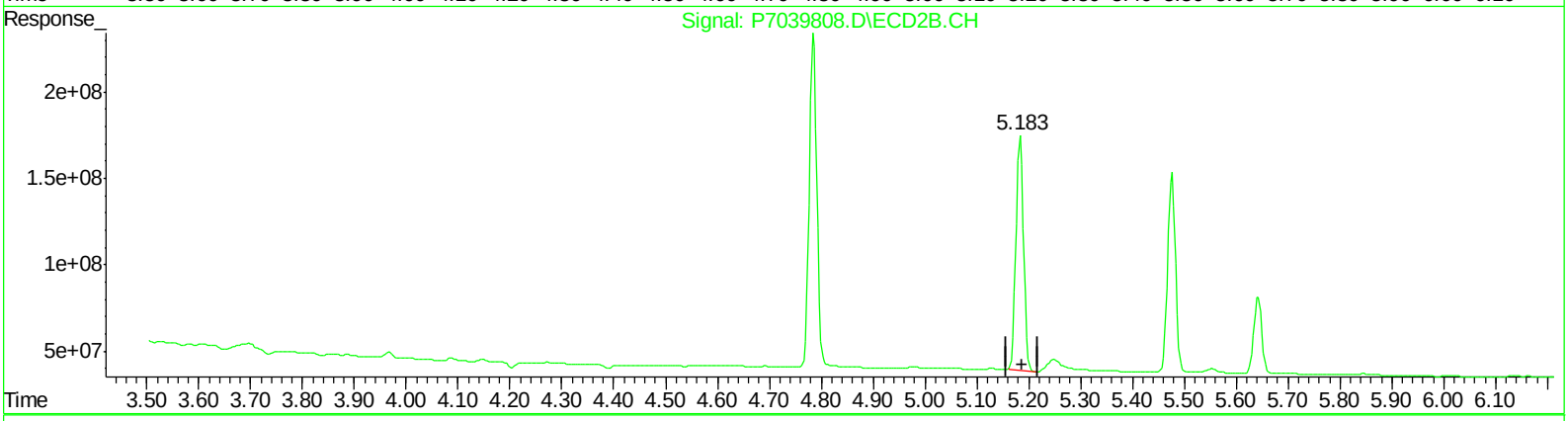
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.448min 10.187 ng/ml

response 766205196

(2) alpha-BHC #2 (A)

5.184min 10.581 ng/ml

response 1372781425

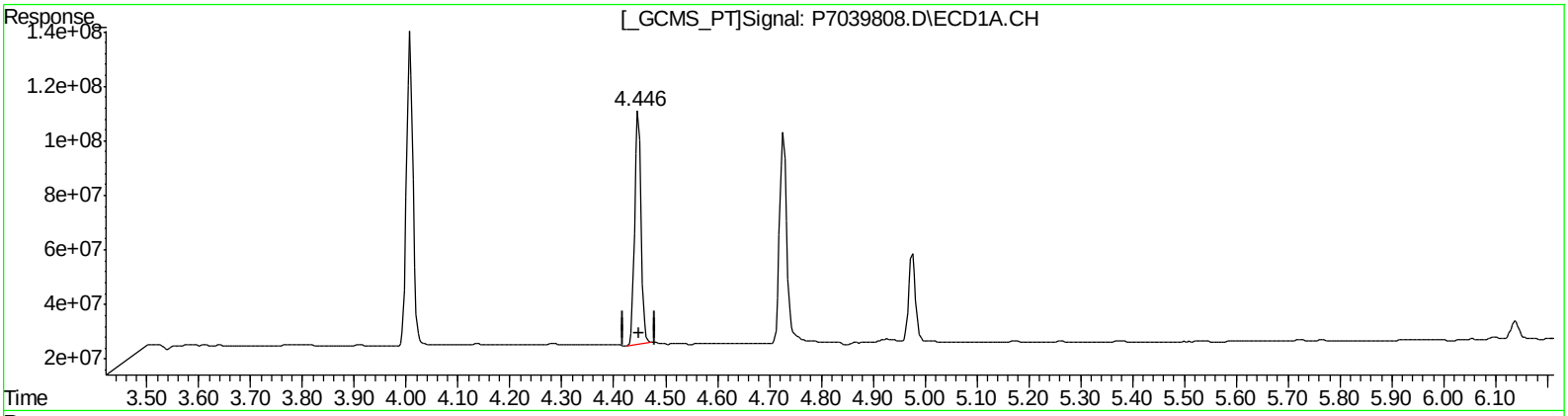
(+) = Expected Retention Time

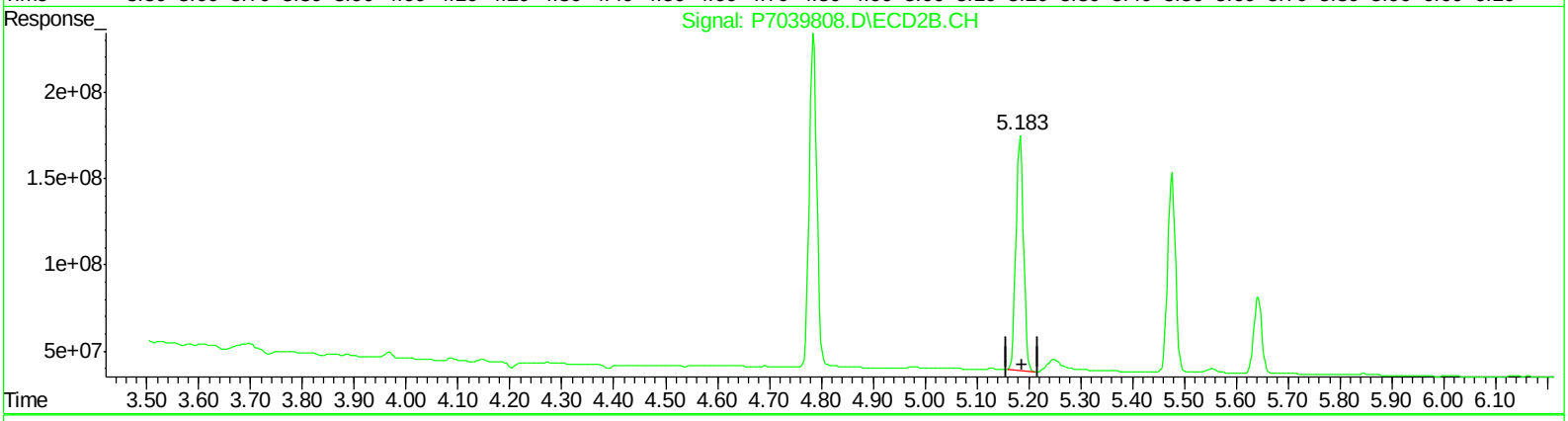
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 9.890 ng/ml m

response 743907475

(2) alpha-BHC #2 (A)

5.183min 10.626 ng/ml m

response 1378652364

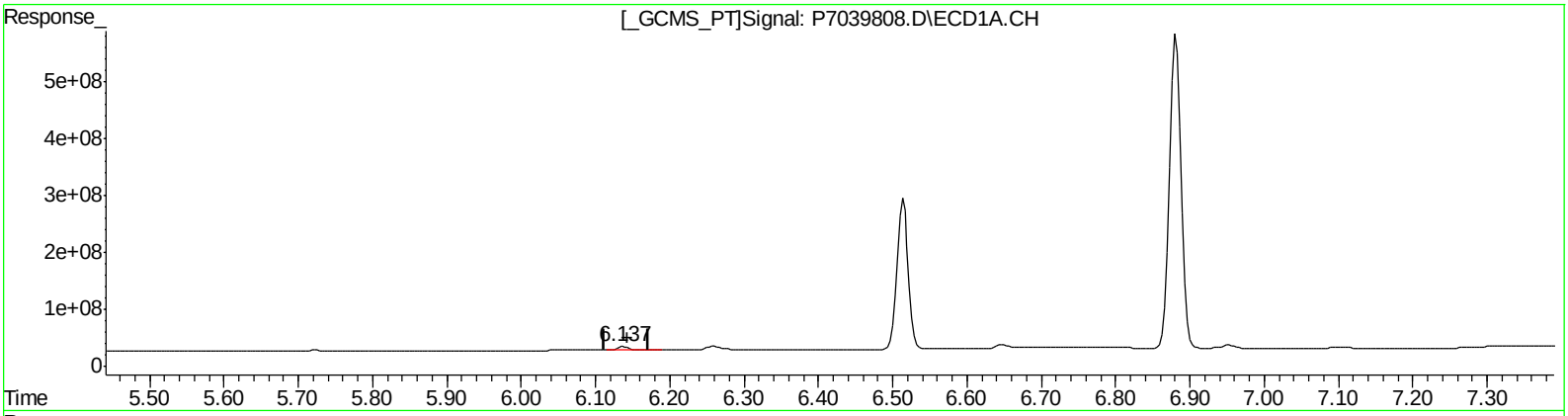
(+) = Expected Retention Time

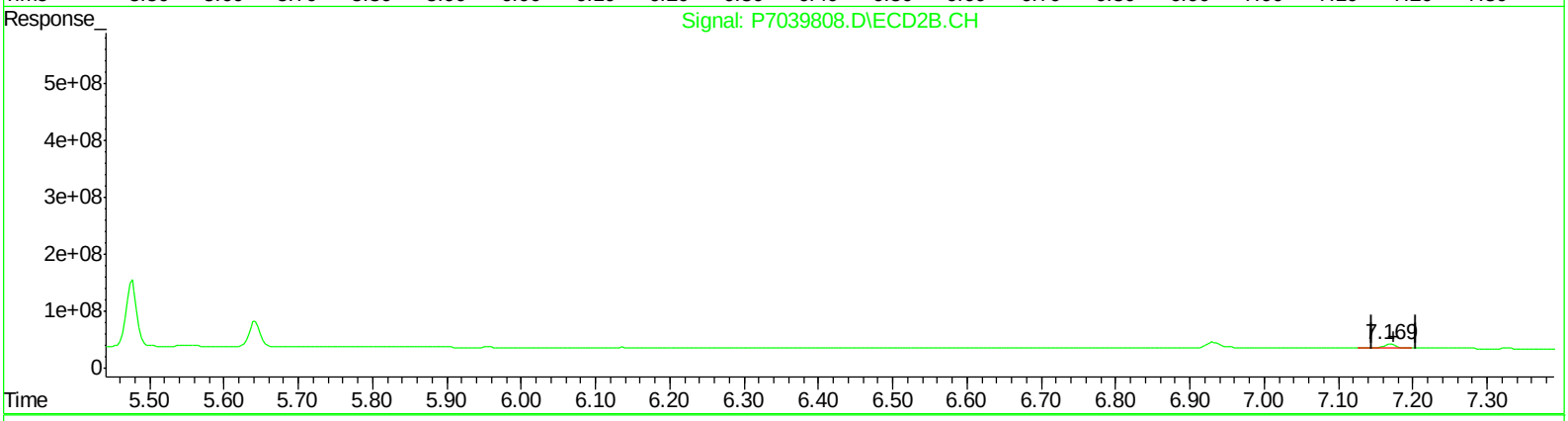
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.138min 1.212 ng/ml

response 81256345

(12) 4,4'-DDE #2 (B)

7.170min 0.958 ng/ml

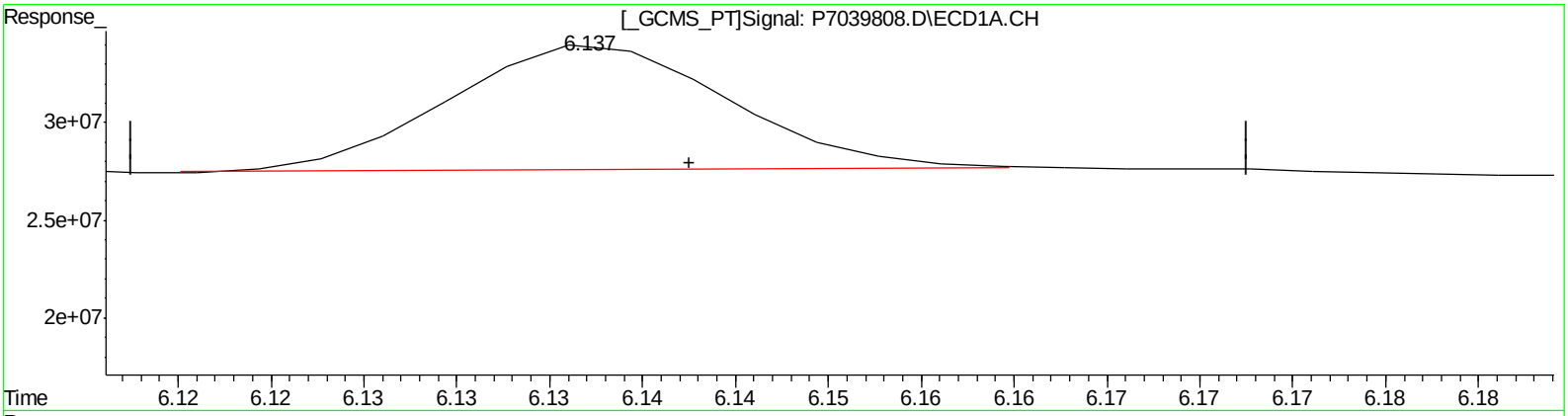
response 84877169

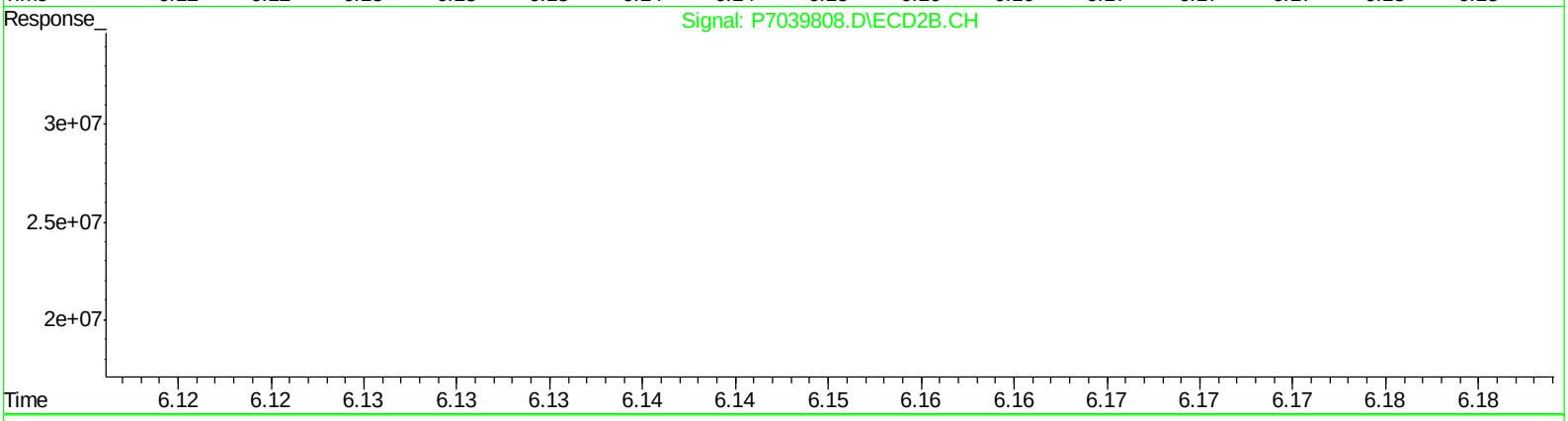
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.137min 0.991 ng/ml m

response 66441182

(12) 4,4'-DDE #2 (B)

7.170min 0.958 ng/ml

response 84877169

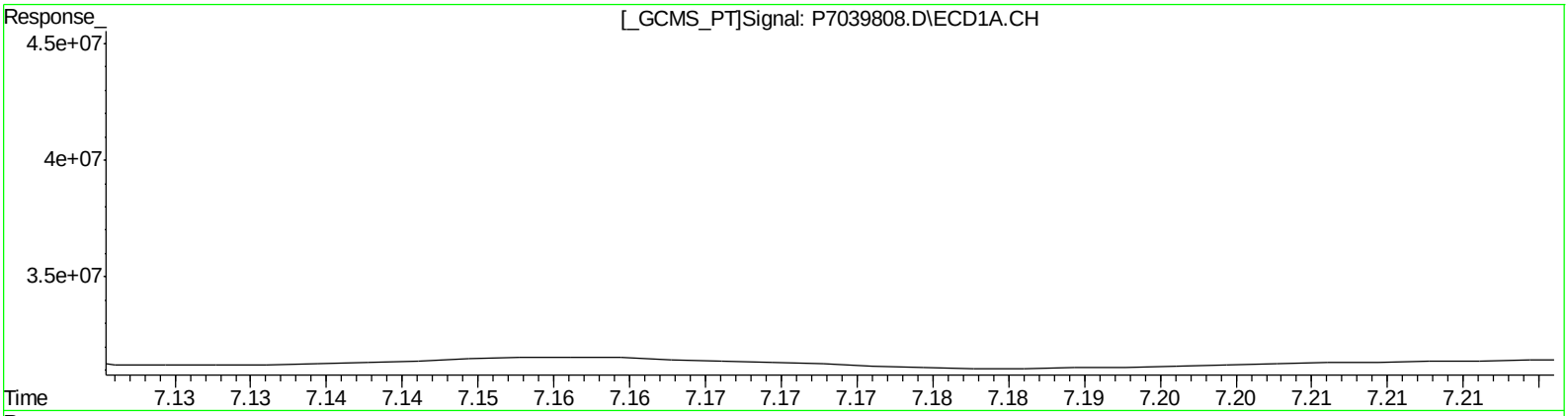
(+) = Expected Retention Time

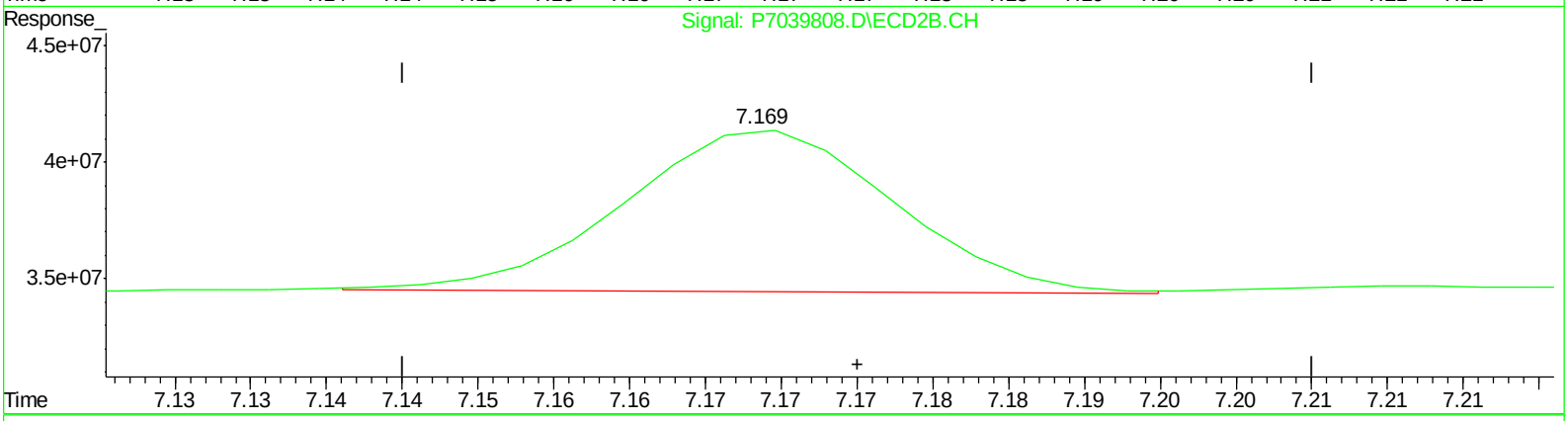
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.137min 0.991 ng/ml m

response 66441182

(12) 4,4'-DDE #2 (B)

7.169min 0.969 ng/ml m

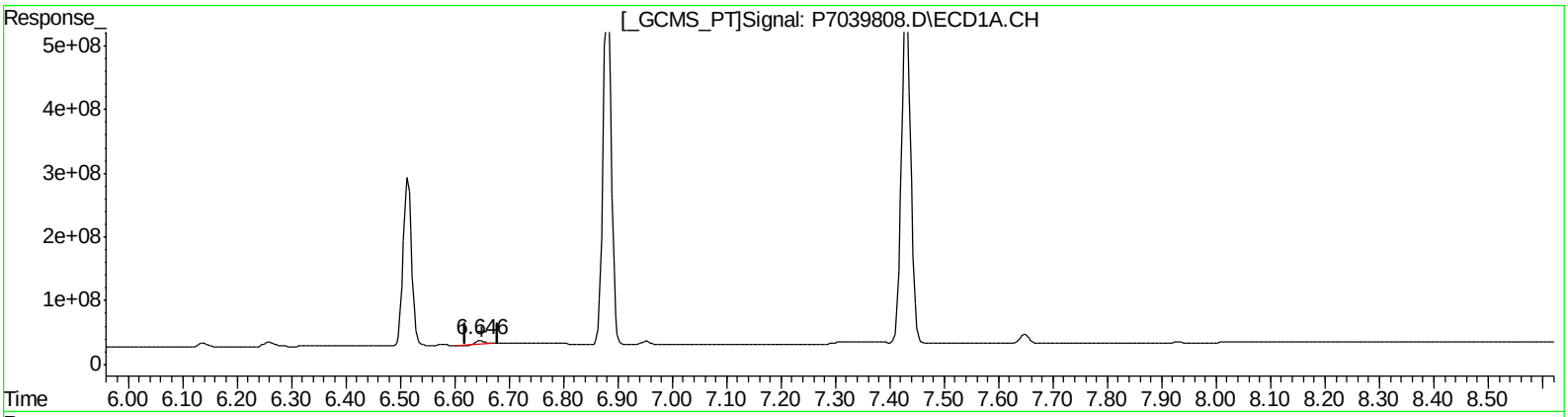
response 85880628

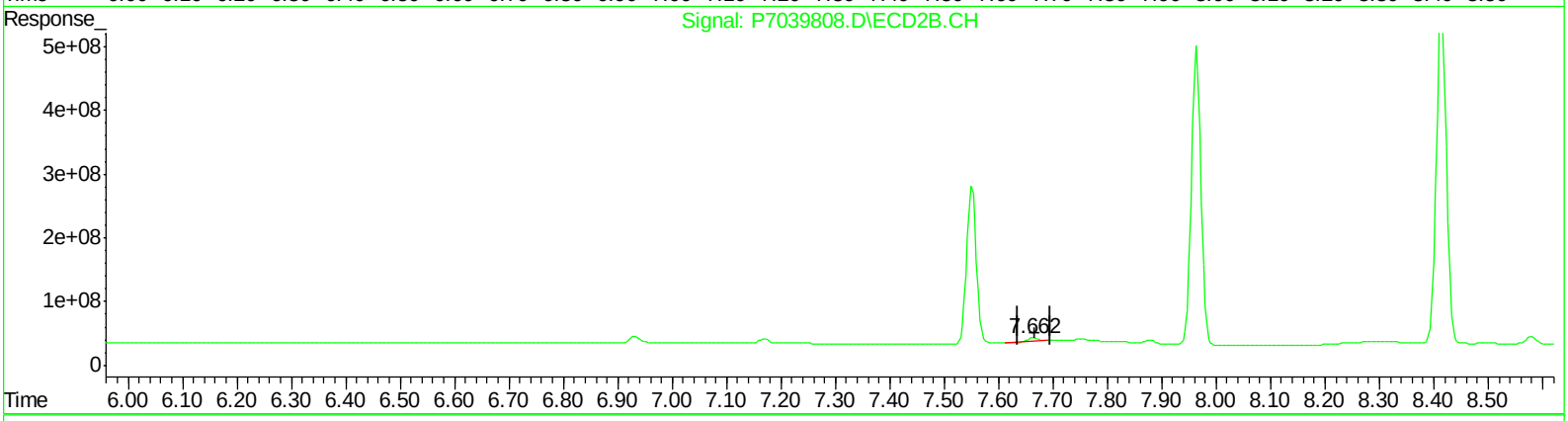
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.648min 0.819 ng/ml

response 48940865

(16) 4,4'-DDD #2 (A)

7.663min 0.638 ng/ml

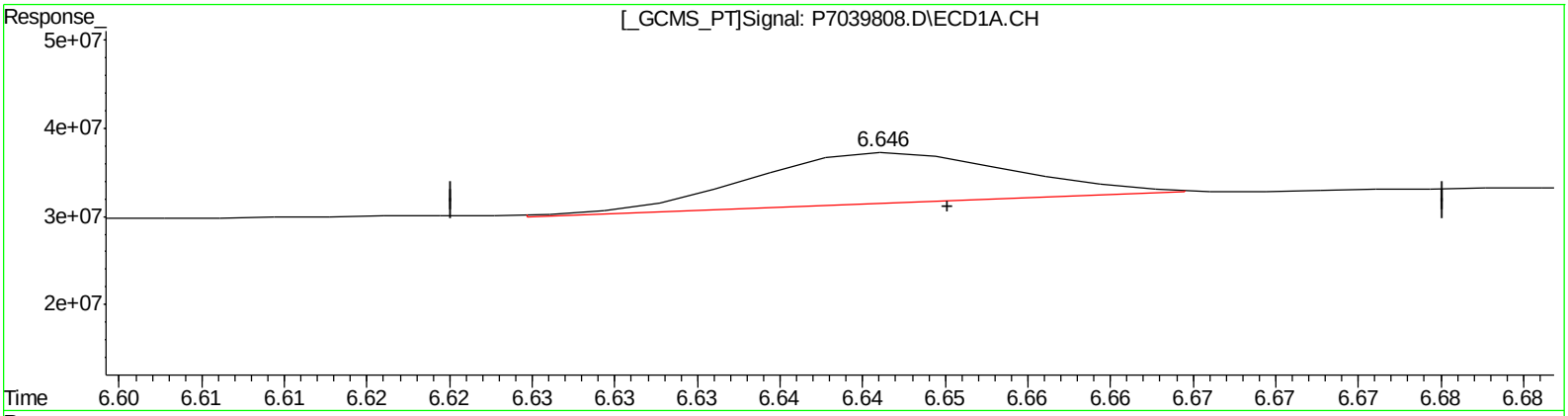
response 46333913

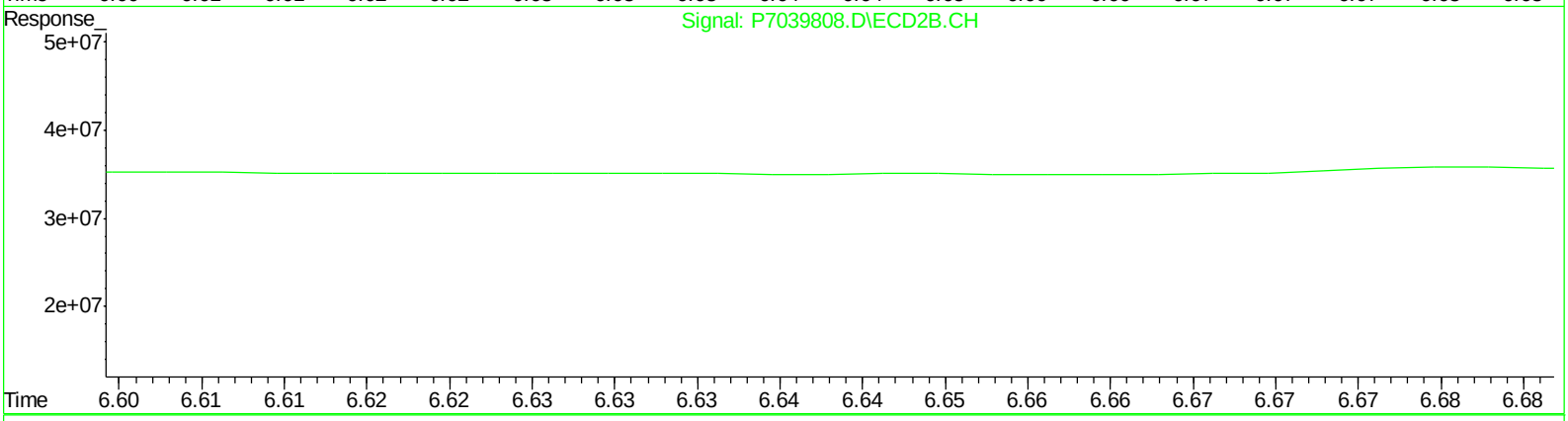
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.646min 1.047 ng/ml m

response 62519145

(16) 4,4'-DDD #2 (A)

7.663min 0.638 ng/ml

response 46333913

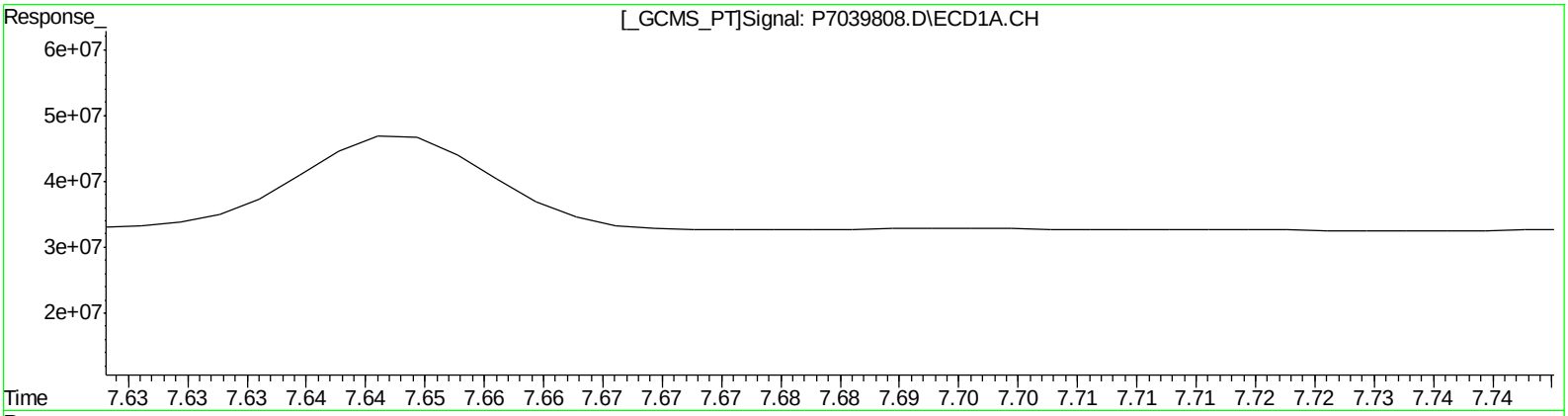
(+) = Expected Retention Time

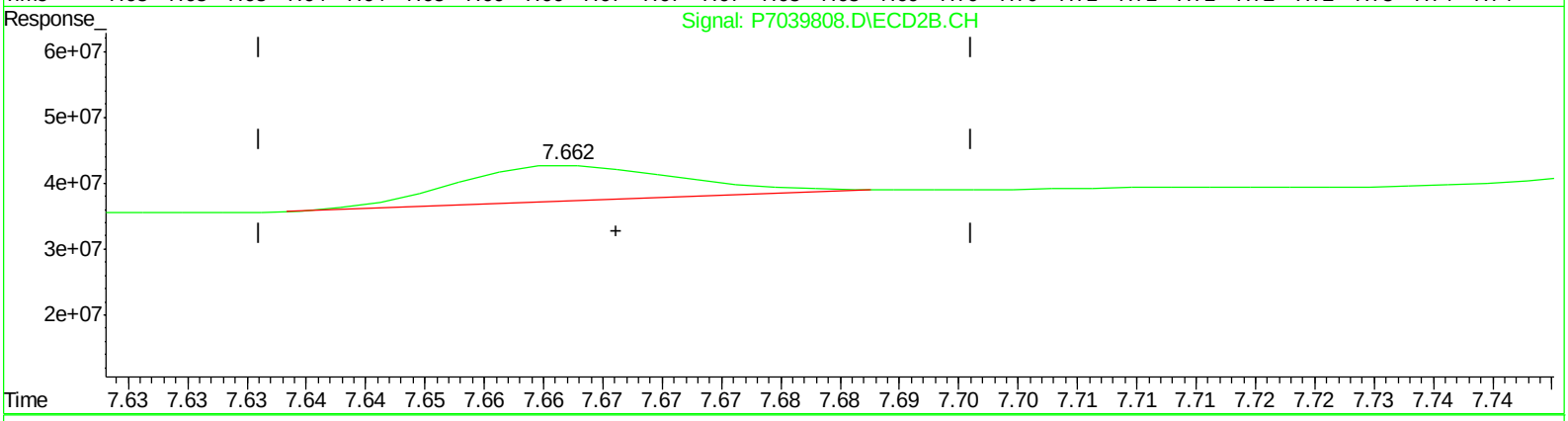
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.646min 1.047 ng/ml m

response 62519145

(16) 4,4'-DDD #2 (A)

7.662min 0.961 ng/ml m

response 69731408

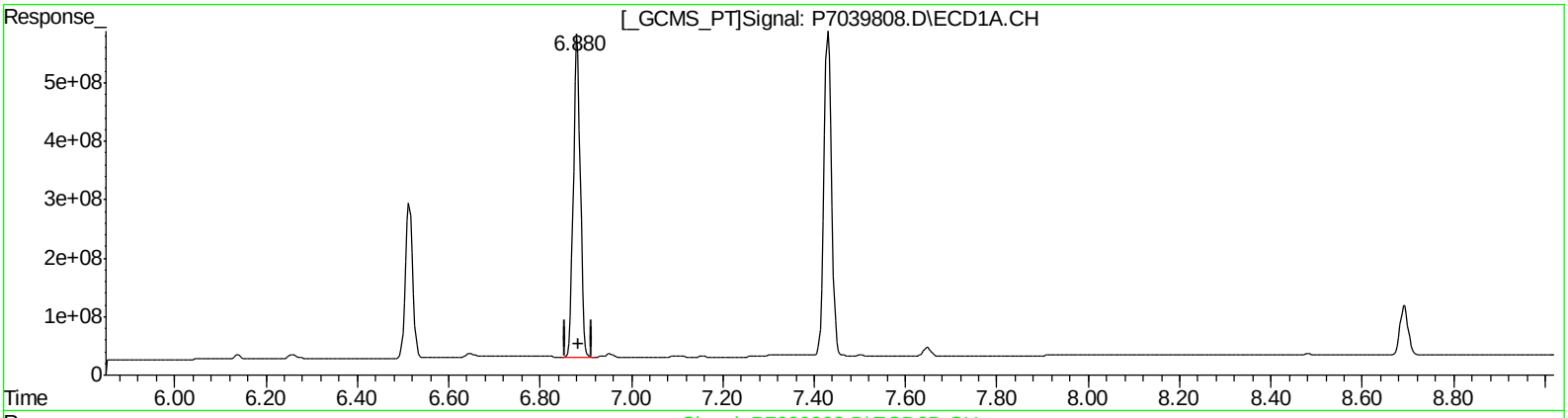
(+) = Expected Retention Time

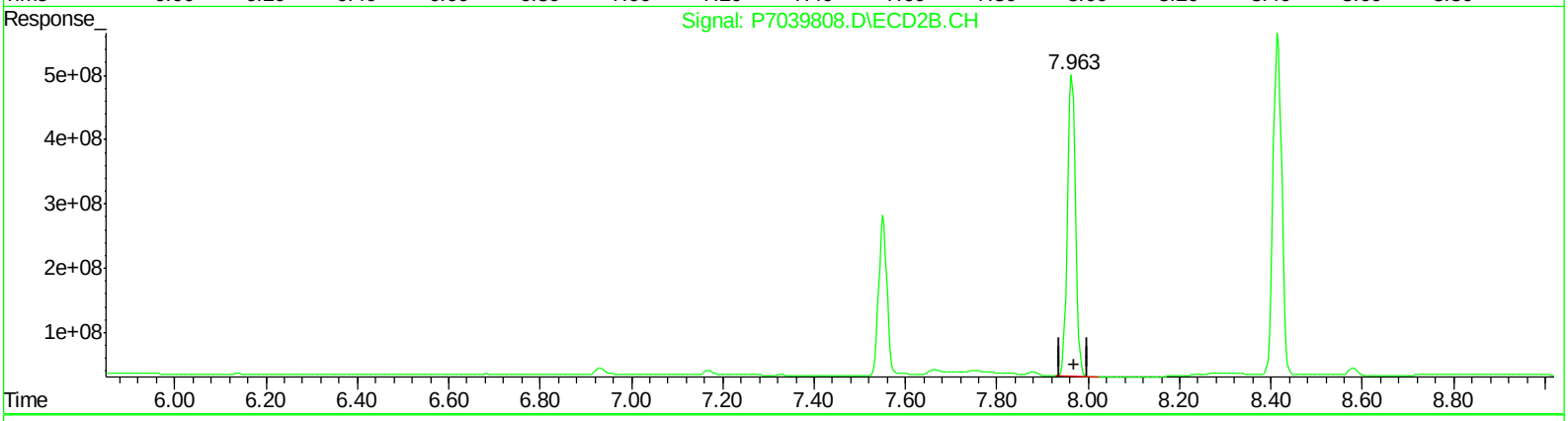
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.882min 109.626 ng/ml
response 5880206364

(17) 4,4'-DDT #2 (MA)
7.964min 112.049 ng/ml
response 5786712069

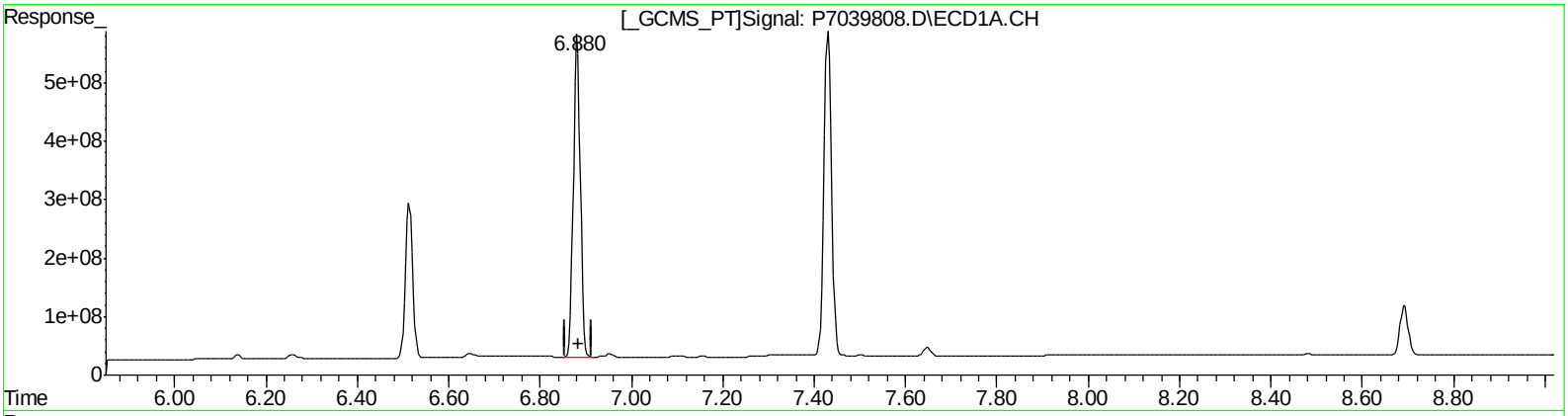
(+) = Expected Retention Time

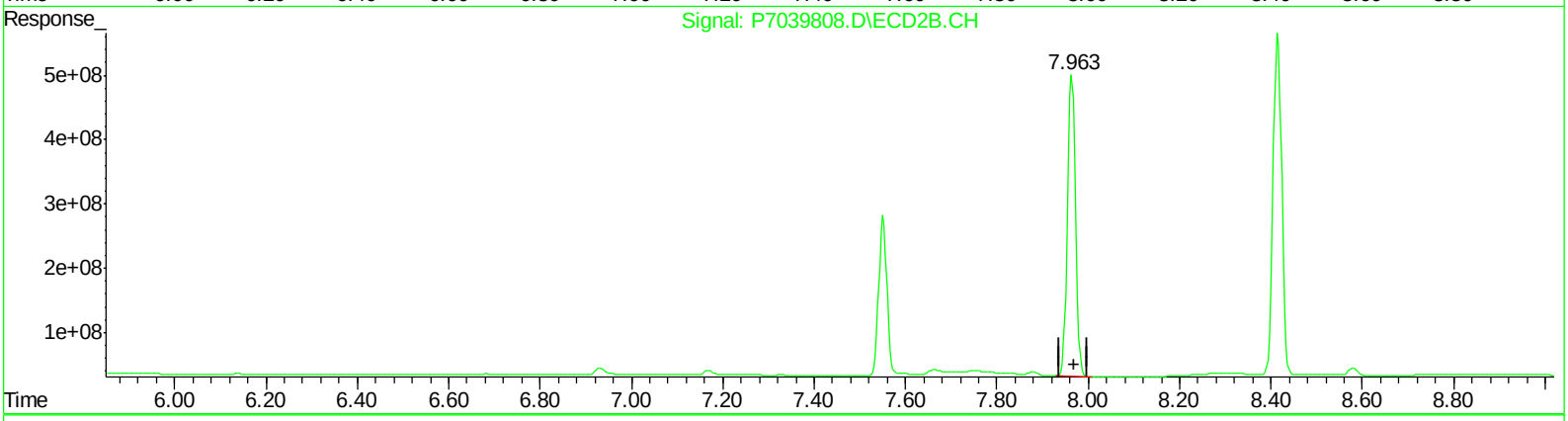
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.882min 109.626 ng/ml
response 5880206364

(17) 4,4'-DDT #2 (MA)
7.963min 112.192 ng/ml m
response 5794107037

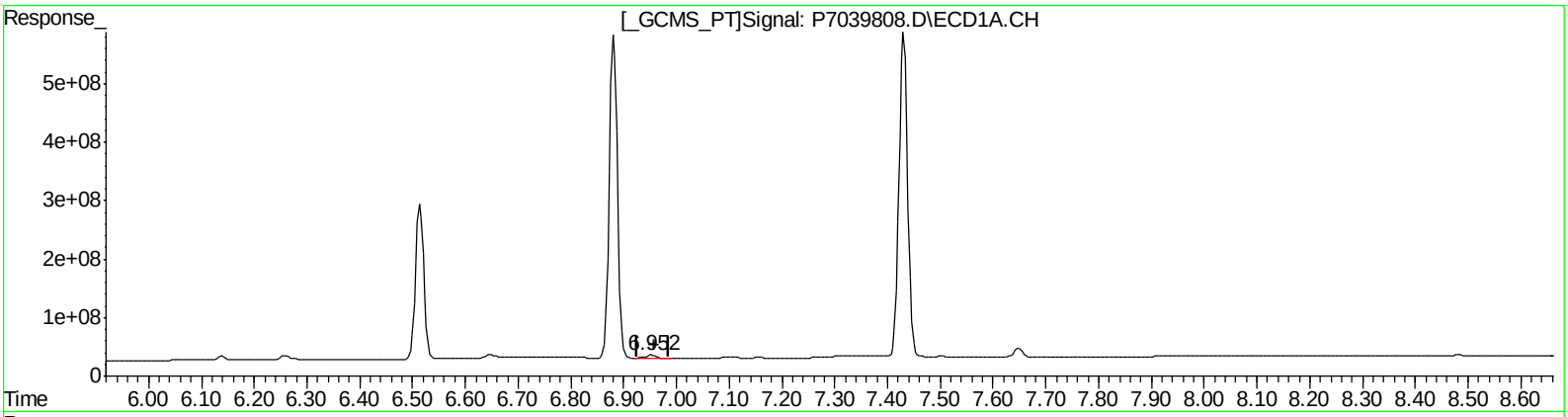
(+) = Expected Retention Time

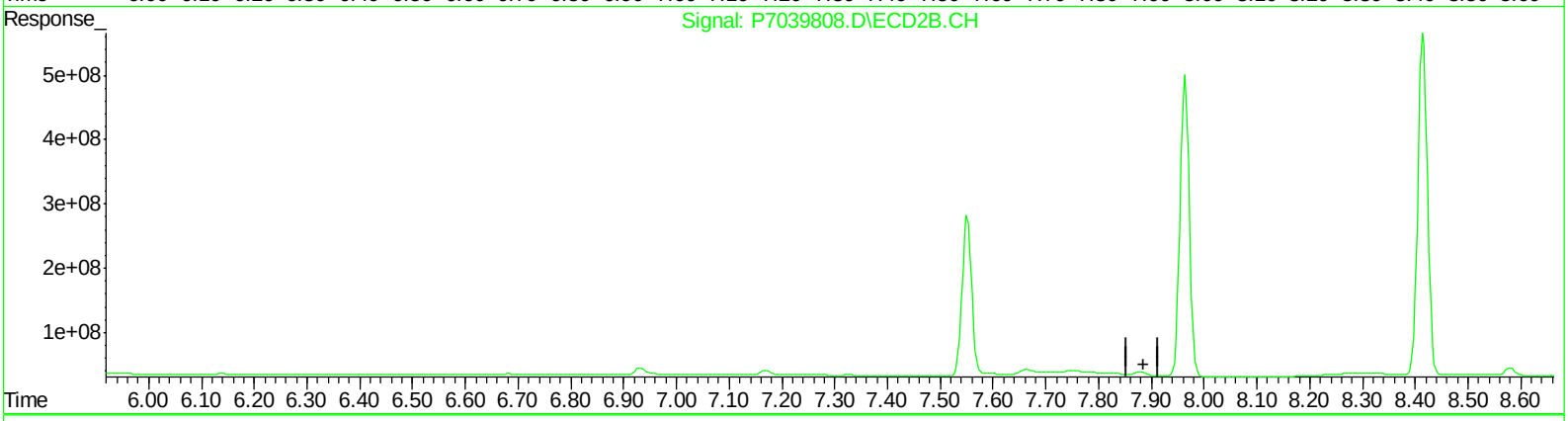
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:36
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.953min 1.325 ng/ml

response 66771474

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

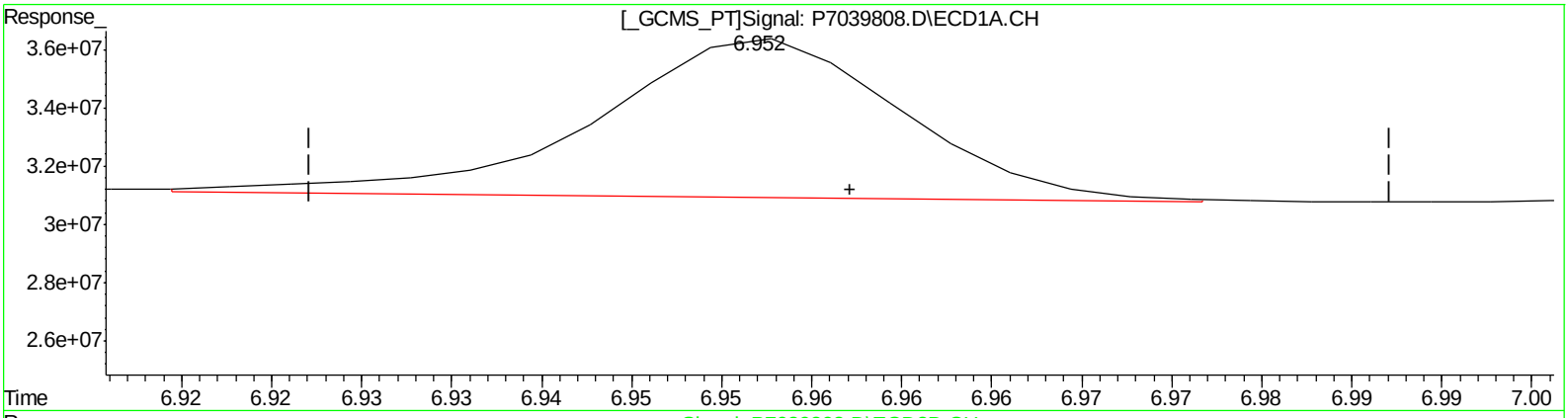
response 0

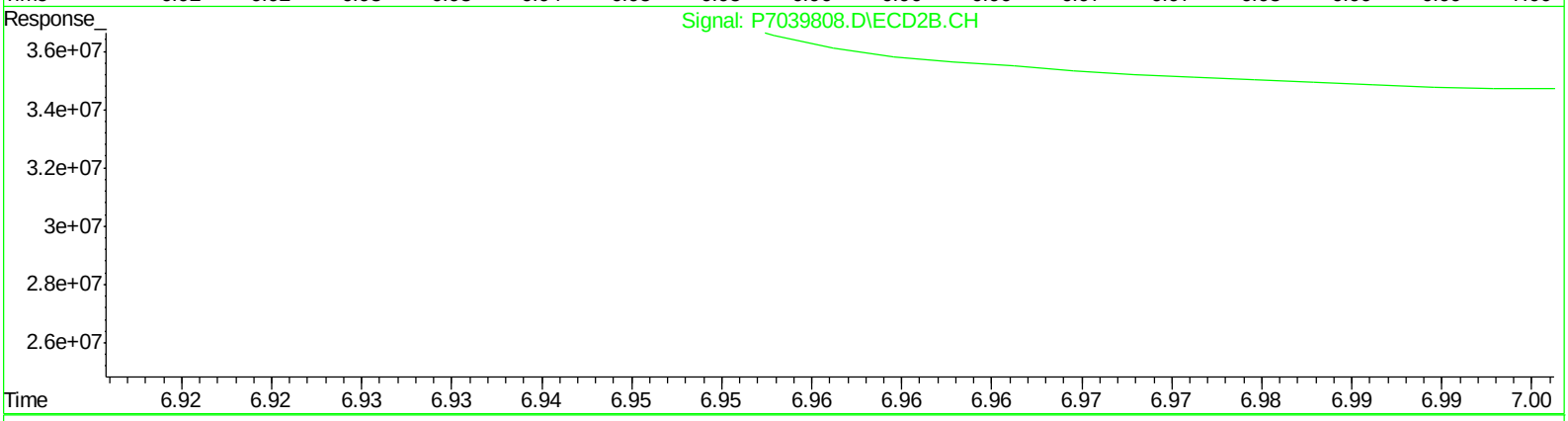
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.952min 1.264 ng/ml m

response 63725043

(18) Endrin aldehyde #2 (B)

7.878min 1.002 ng/ml m

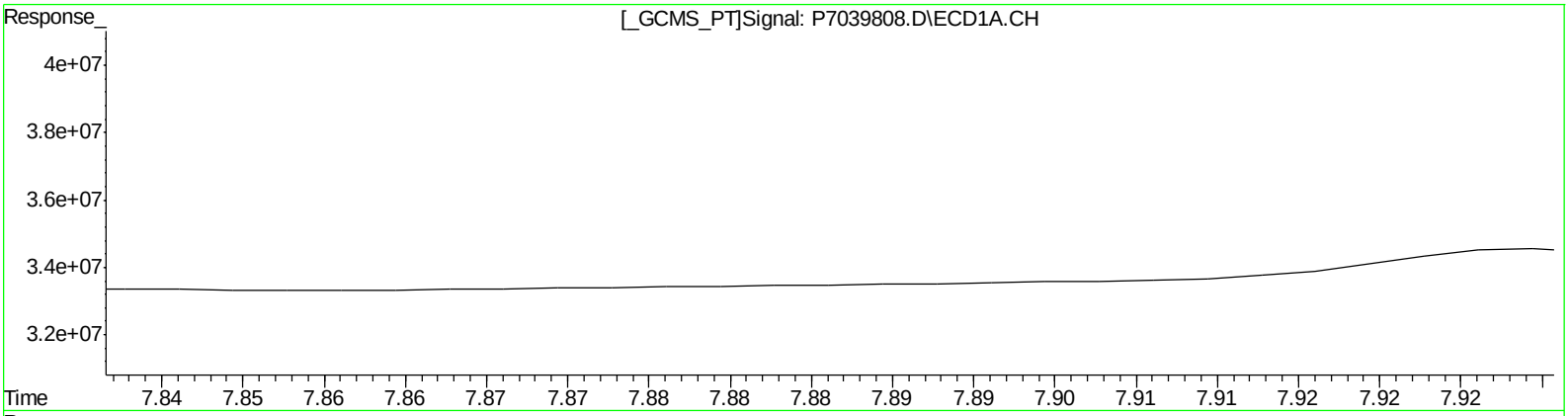
response 61335189

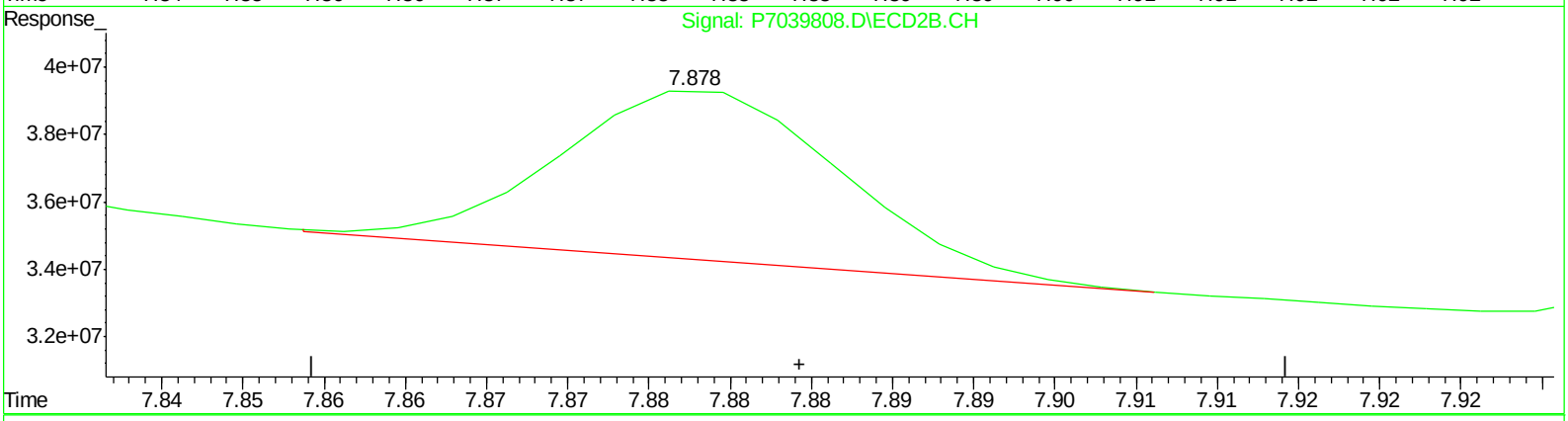
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:36
Operator : JJ
Sample   : PEM
Misc   :
ALS Vial : 25   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.952min 1.264 ng/ml m

response 63725043

(18) Endrin aldehyde #2 (B)

7.878min 1.002 ng/ml m

response 61335189

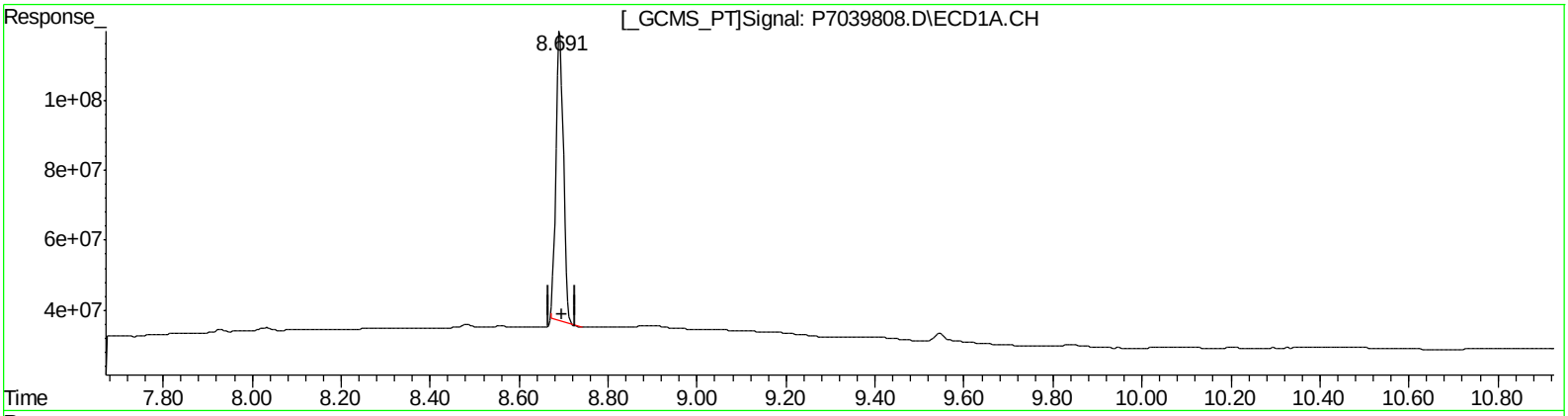
(+) = Expected Retention Time

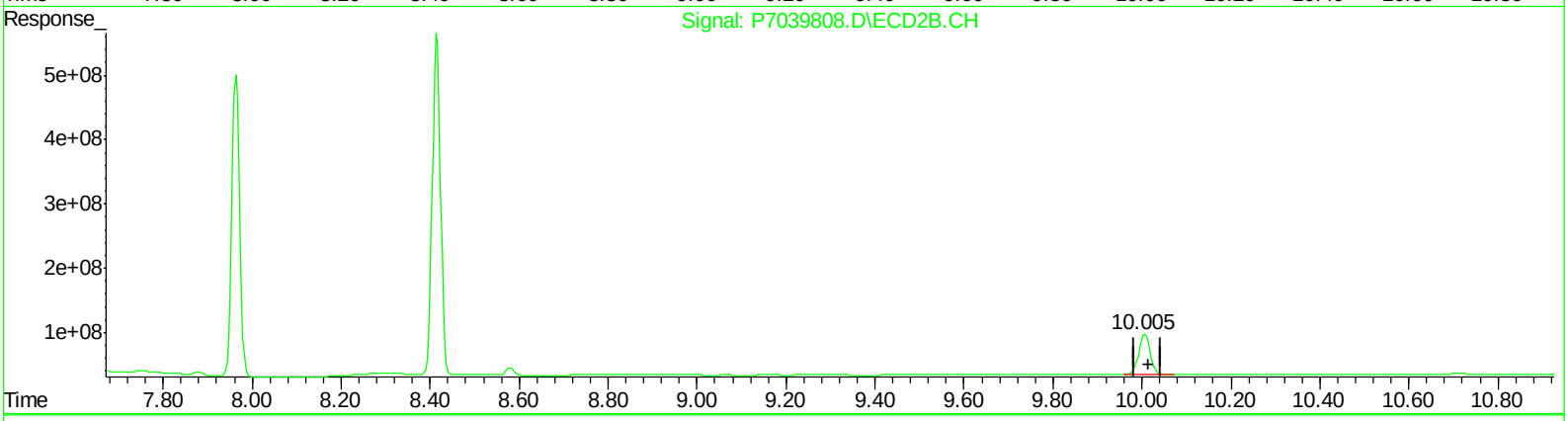
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:36
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 20.270 ng/ml

response 974337652

(22) Decachlorobiphenyl #2 (SA)

10.007min 21.931 ng/ml

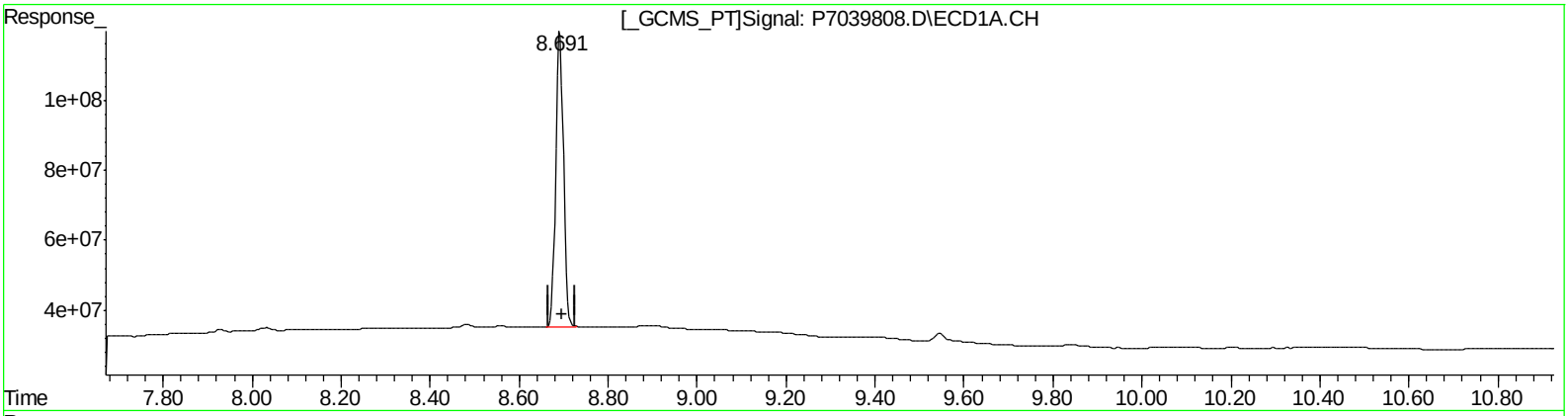
response 1108912355

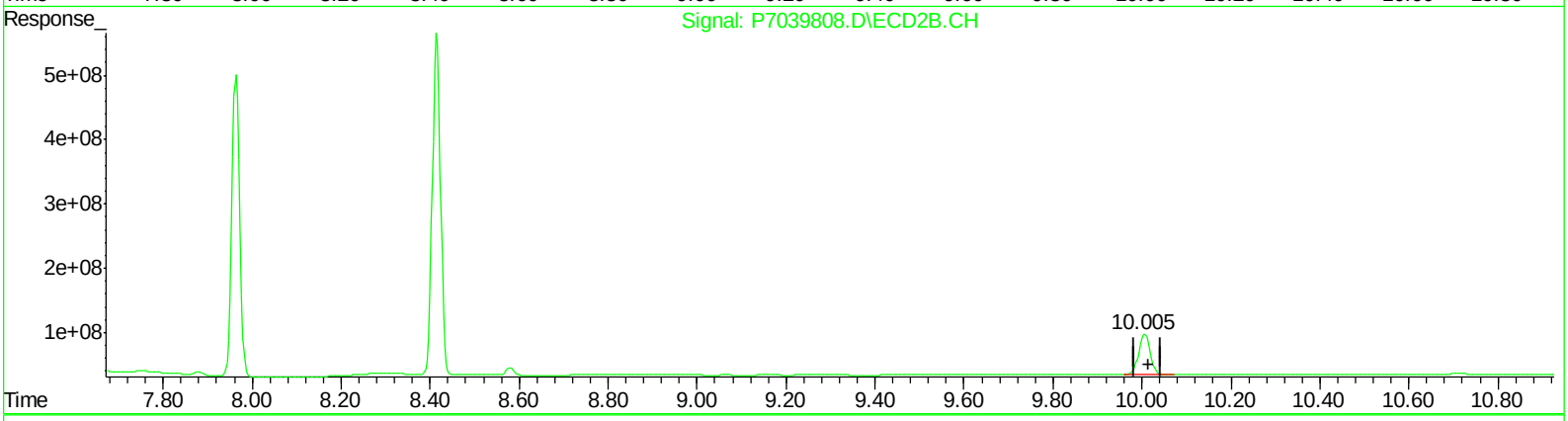
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:36
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:54:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 21.496 ng/ml m

response 1033254111

(22) Decachlorobiphenyl #2 (SA)

10.007min 21.931 ng/ml

response 1108912355

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039808.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:36
Operator : JJ
Sample : PEM
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:04:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.785	999.2E6	1910.3E6	22.440	22.568
22)	SA Decachlor...	8.691	10.007	1033.3E6	1108.9E6	21.496m	21.931
	Target Compounds						
2)	A alpha-BHC	4.446	5.183	743.9E6	1378.7E6	9.890m	10.626m
3)	MA gamma-BHC...	4.728	5.477	743.3E6	1199.7E6	10.844	10.583
6)	B beta-BHC	4.976	5.643	307.2E6	485.1E6	11.737	11.081
12)	B 4,4'-DDE	6.137	7.169	66441182	85880628	0.991m	0.969m
14)	MA Endrin	6.514	7.552	2887.8E6	3064.2E6	50.731	46.496
16)	A 4,4'-DDD	6.646	7.662	62519145	69731408	1.047m	0.961m
17)	MA 4,4'-DDT	6.882	7.963	5880.2E6	5794.1E6	109.626	112.192m
18)	B Endrin al...	6.952	7.878	63725043	61335189	1.264m	1.002m
20)	A Methoxychlor	7.431	8.415	6464.7E6	6853.2E6	263.511	256.050
21)	B Endrin ke...	7.649	8.580	163.3E6	142.8E6	2.620	2.378

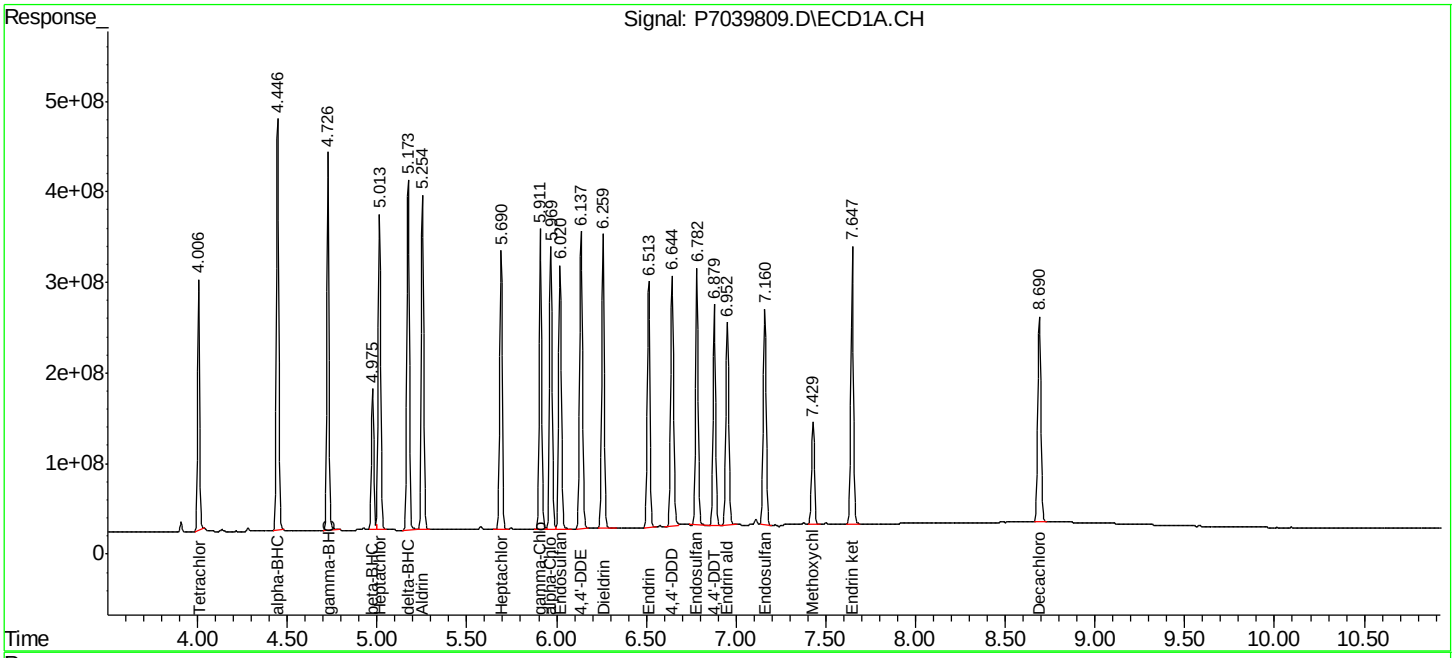
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

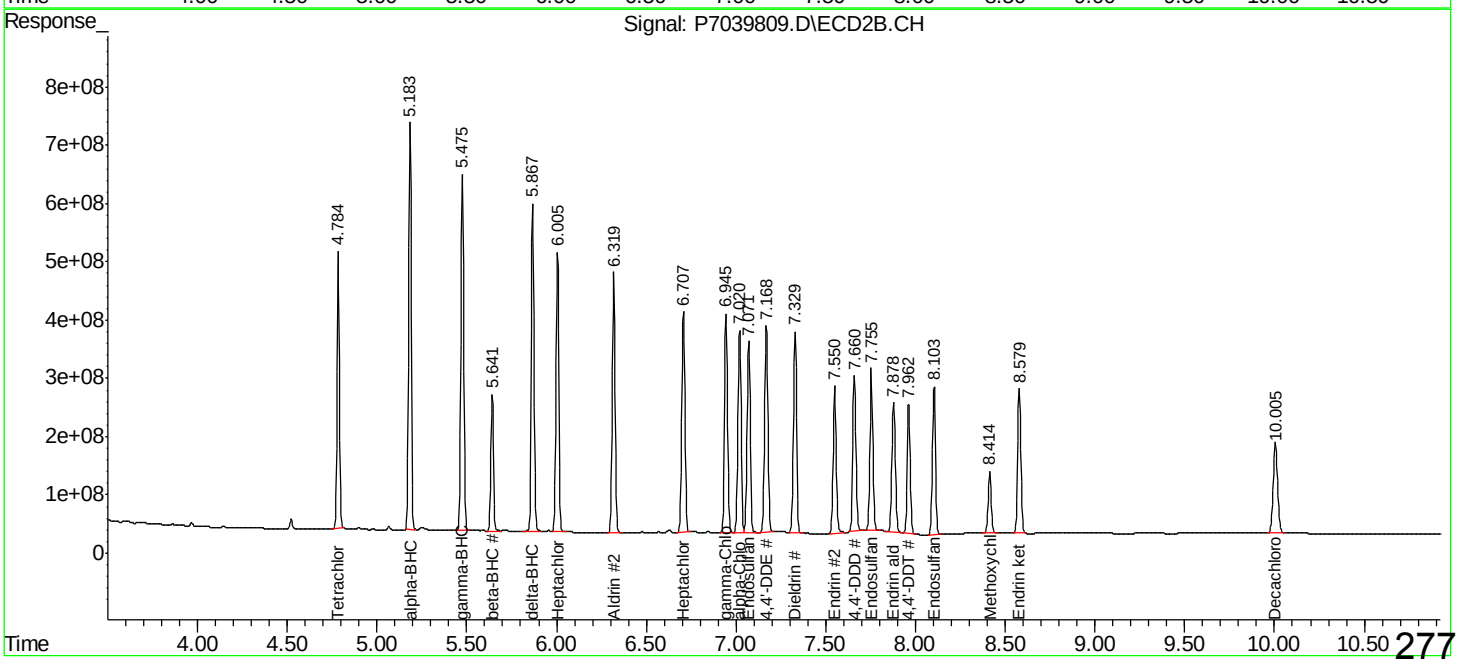
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:21:43 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



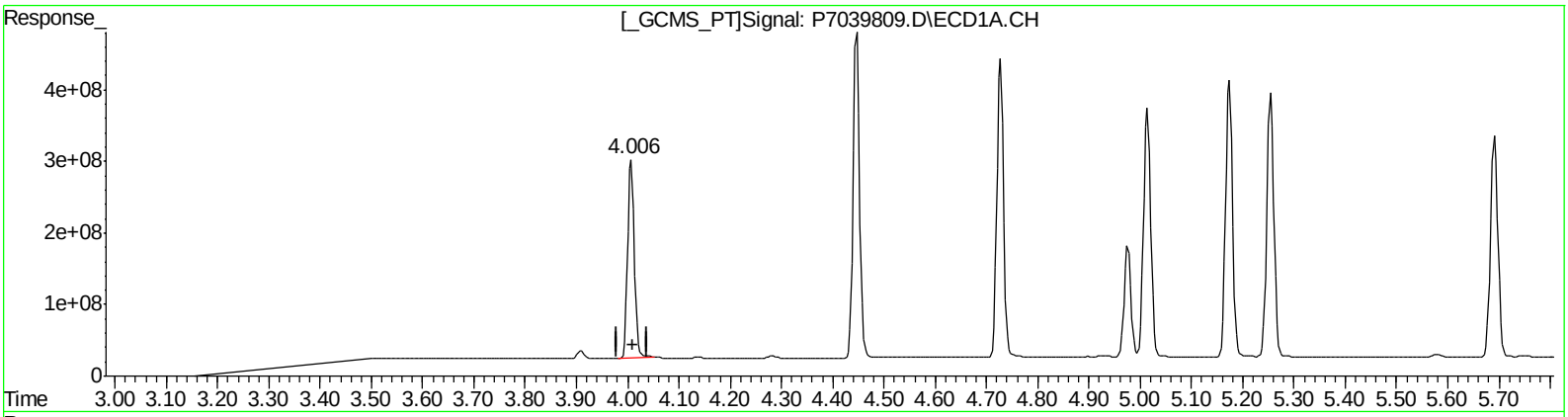


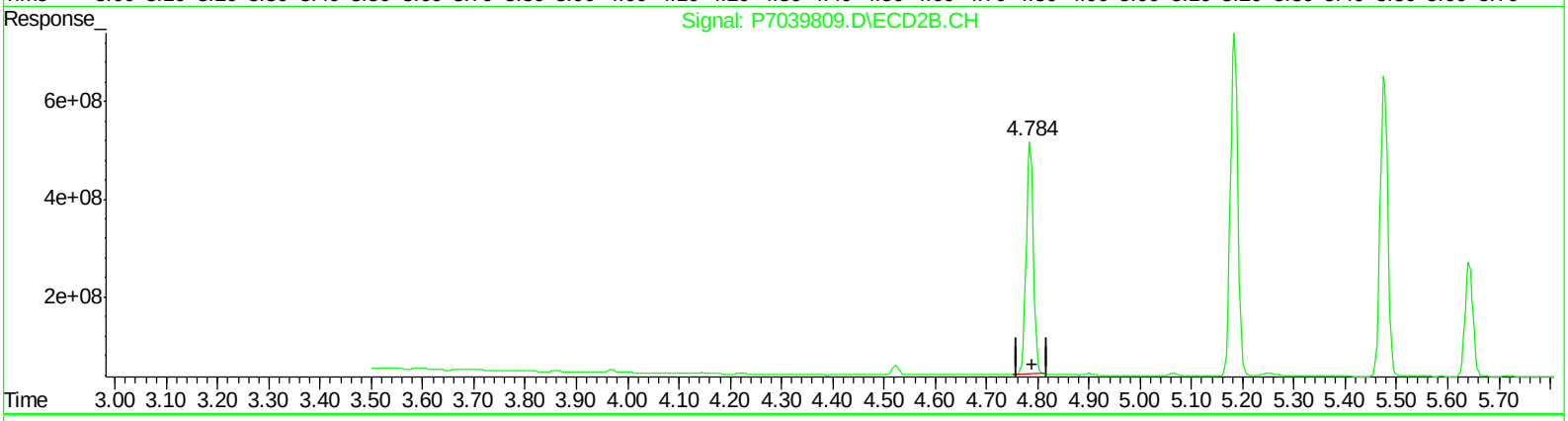
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 55.492 ng/ml

response 2470936427

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 54.909 ng/ml

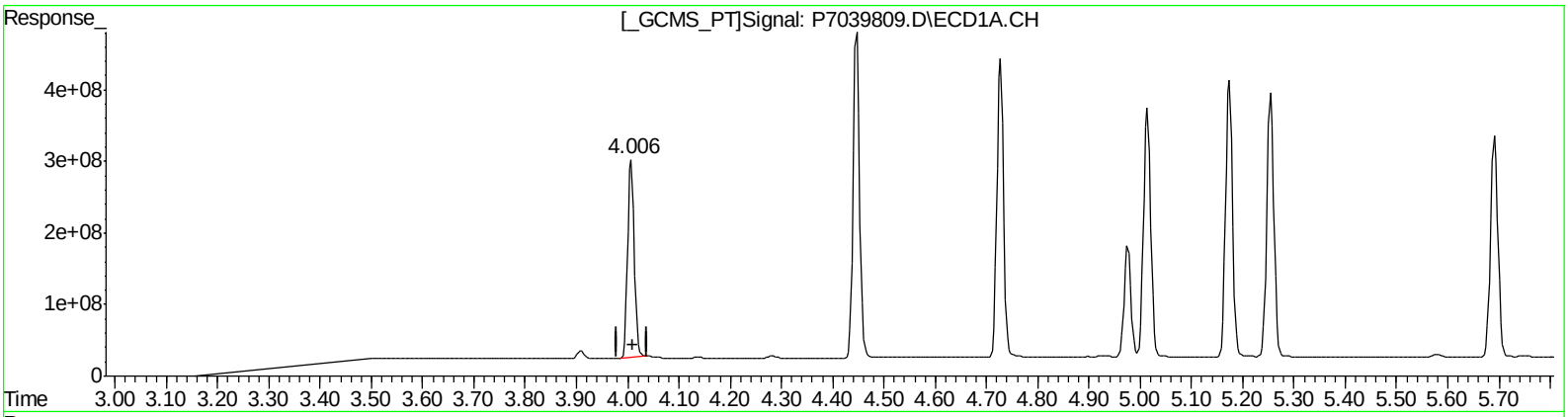
response 4647875797

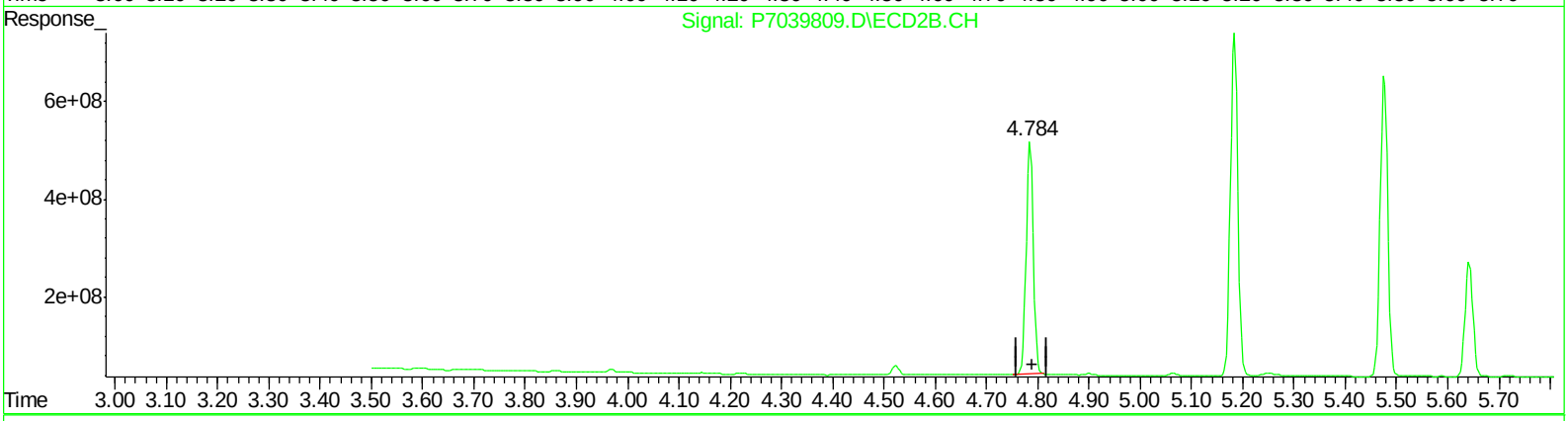
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 54.456 ng/ml m

response 2424838681

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 54.909 ng/ml

response 4647875797

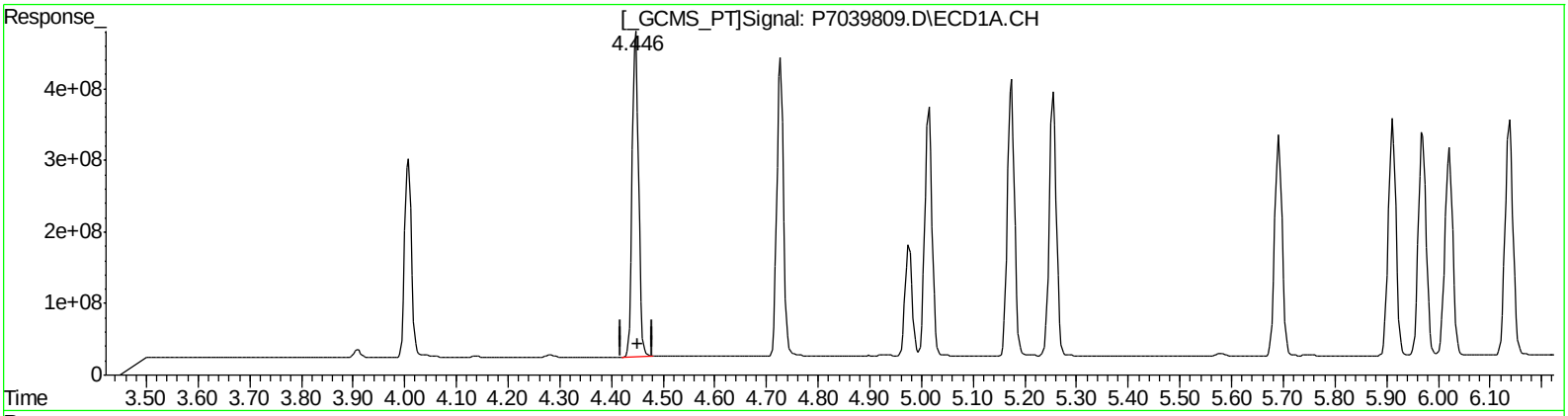
(+) = Expected Retention Time

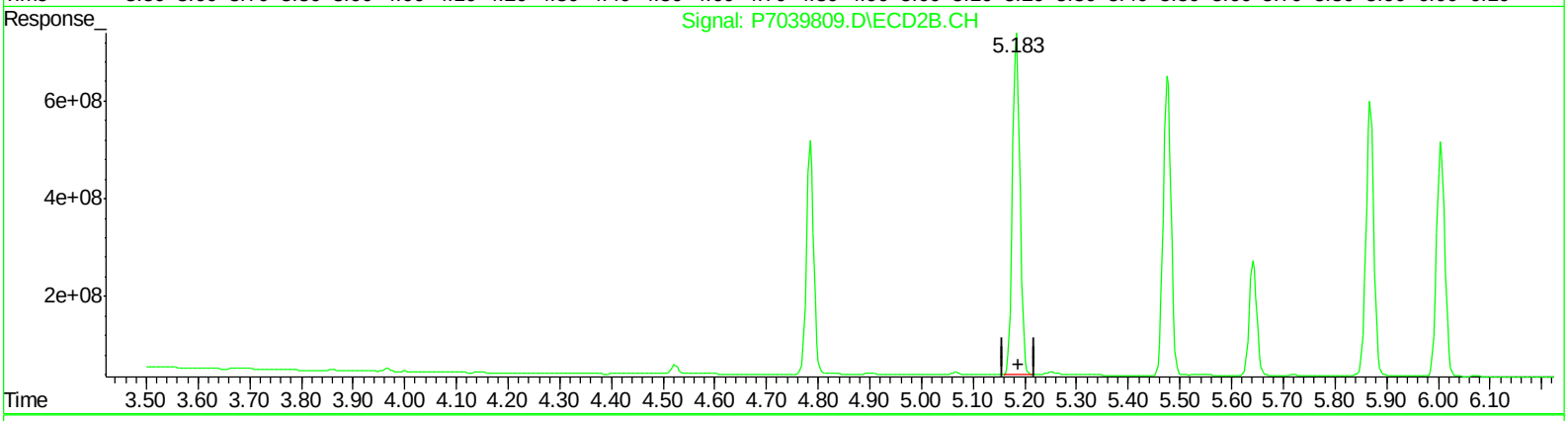
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 53.212 ng/ml m

response 4002401589

(2) alpha-BHC #2 (A)

5.183min 54.767 ng/ml m

response 7105413425

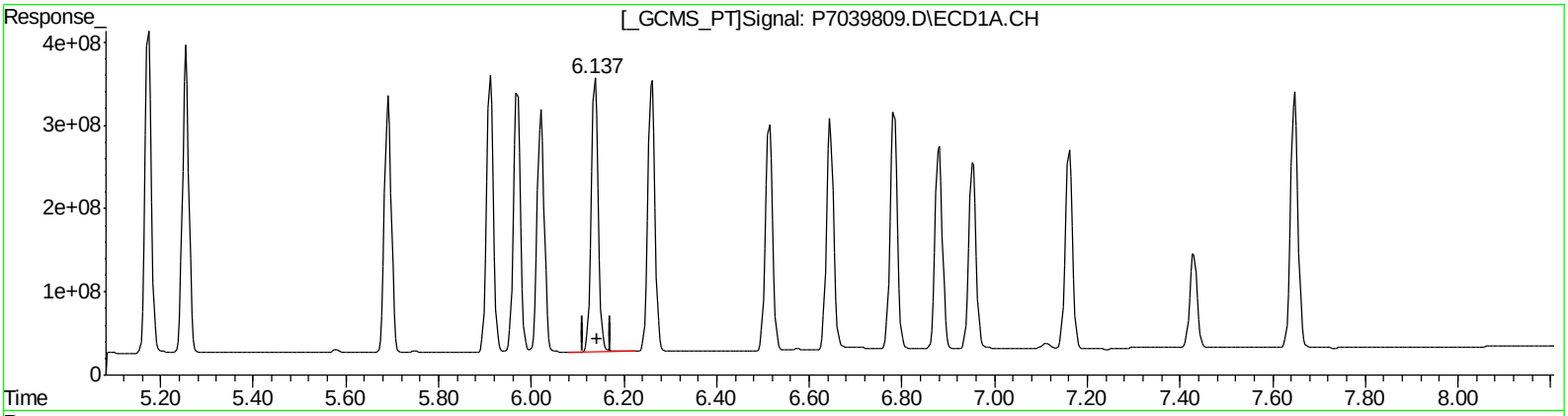
(+) = Expected Retention Time

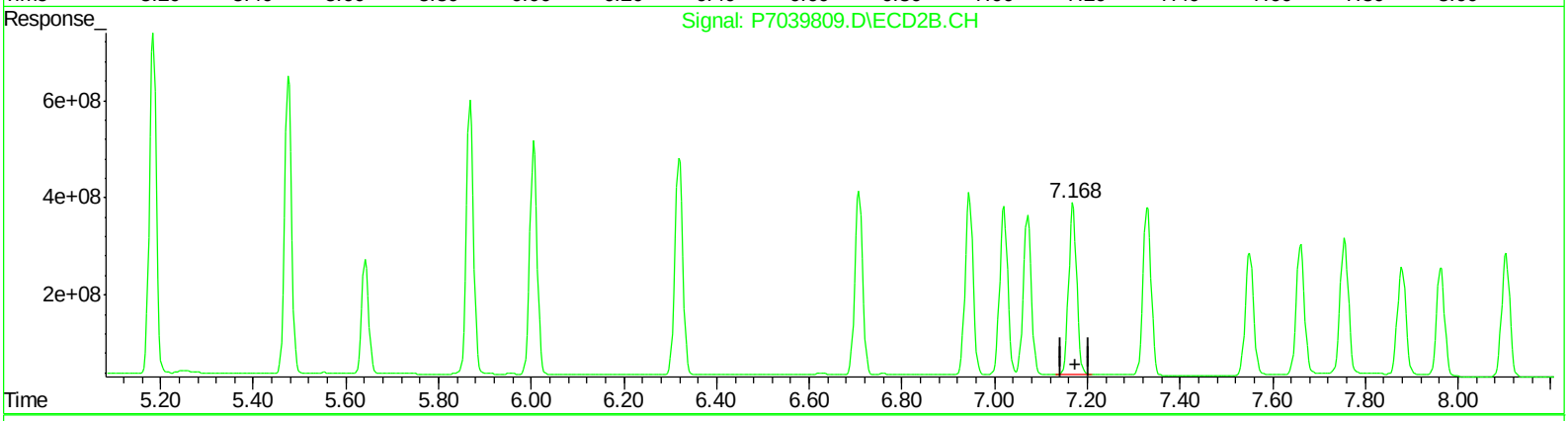
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)
6.138min 51.863 ng/ml
response 3477759337

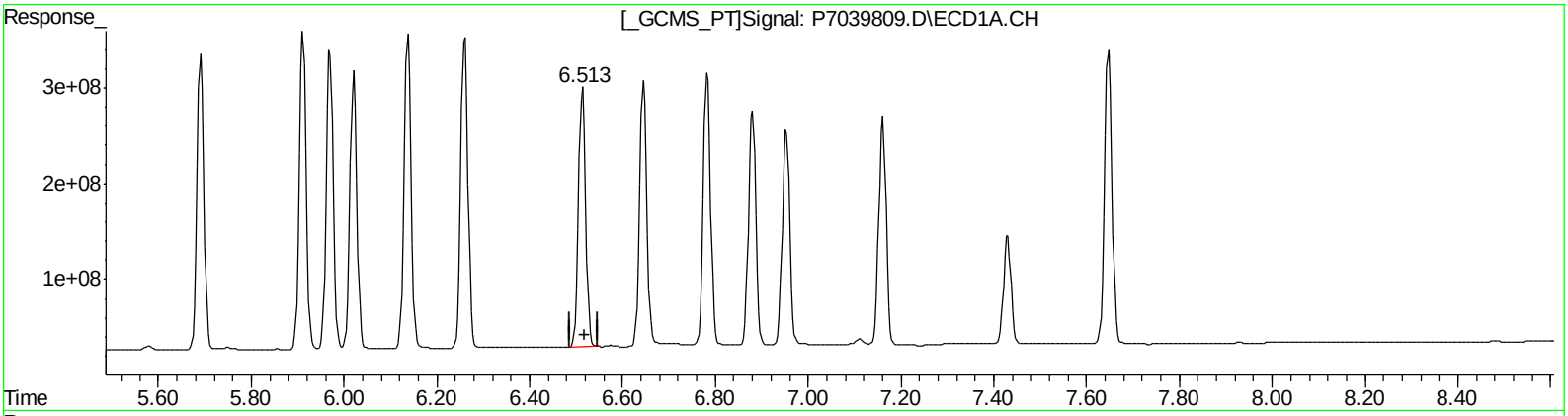
(12) 4,4'-DDE #2 (B)
7.170min 48.238 ng/ml
response 4275361168

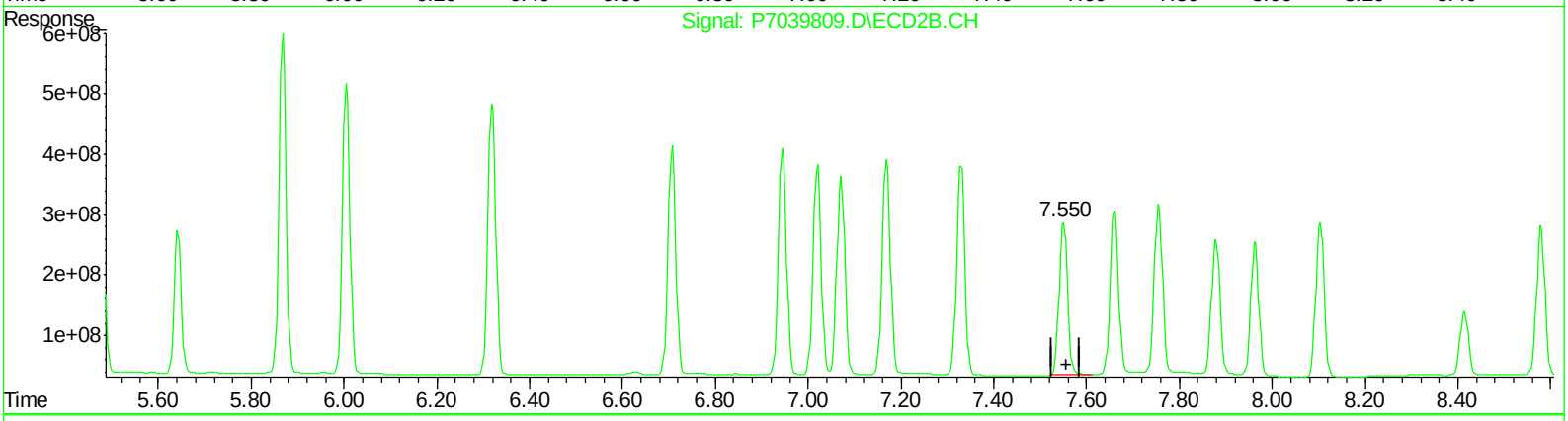
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.514min 52.133 ng/ml

response 2967633298

(14) Endrin #2 (MA)

7.551min 48.551 ng/ml

response 3199553406

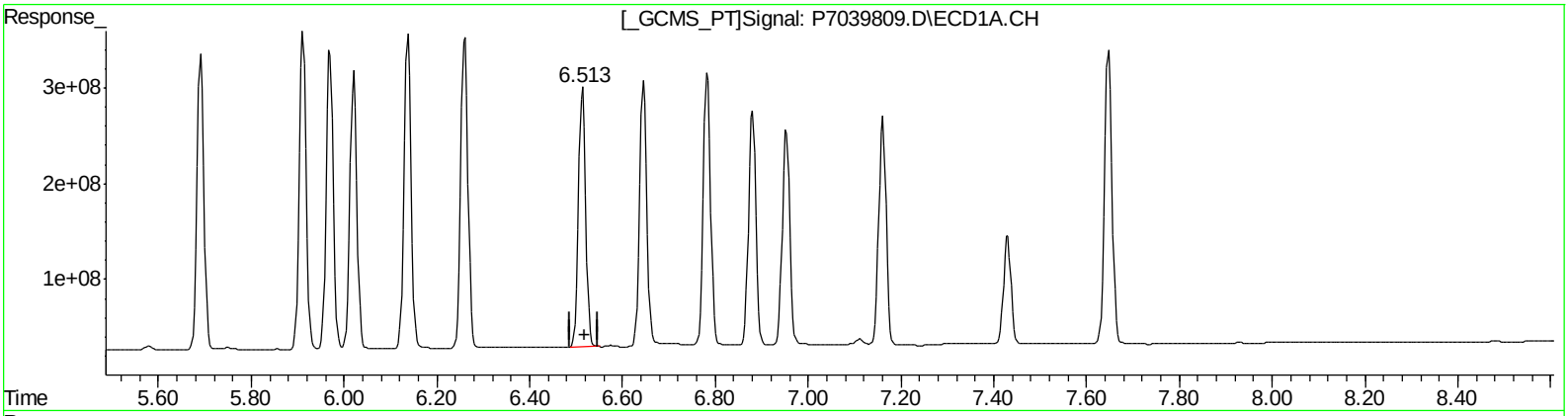
(+) = Expected Retention Time

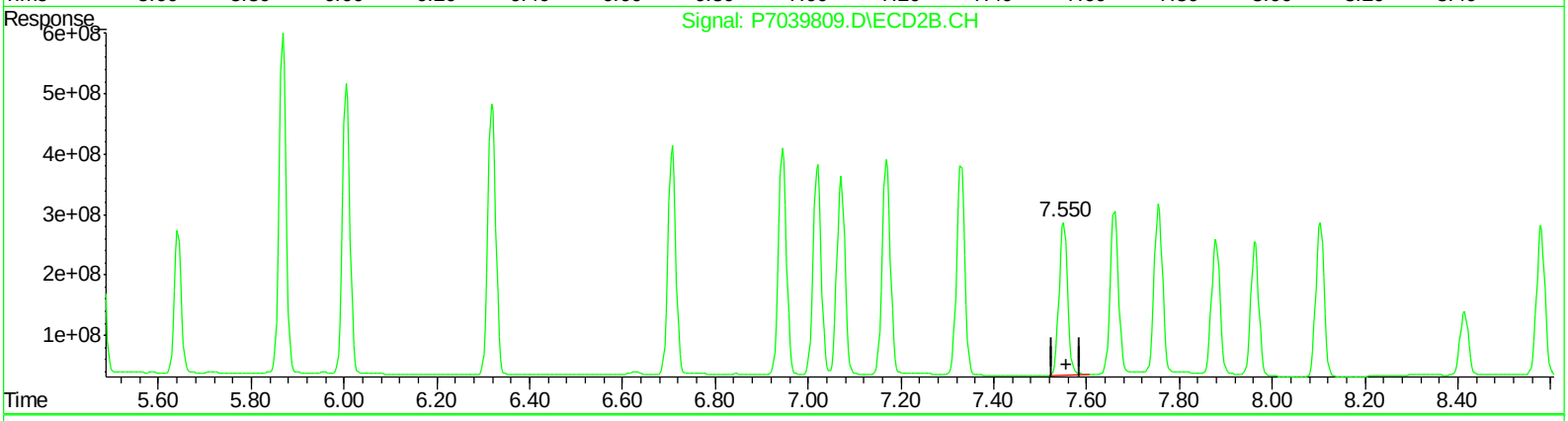
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.514min 52.133 ng/ml

response 2967633298

(14) Endrin #2 (MA)

7.550min 48.634 ng/ml m

response 3205073458

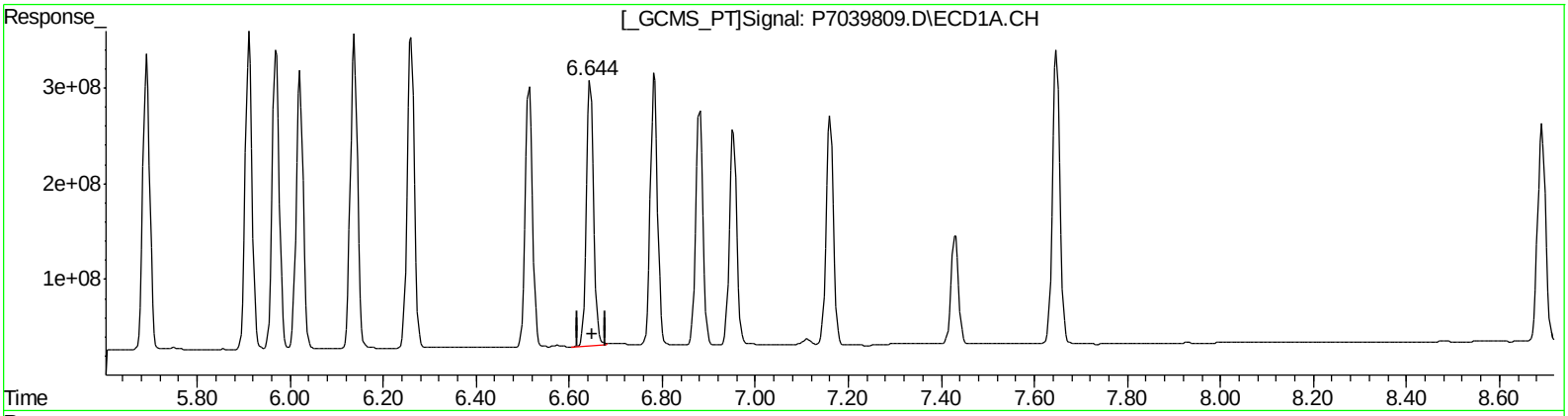
(+) = Expected Retention Time

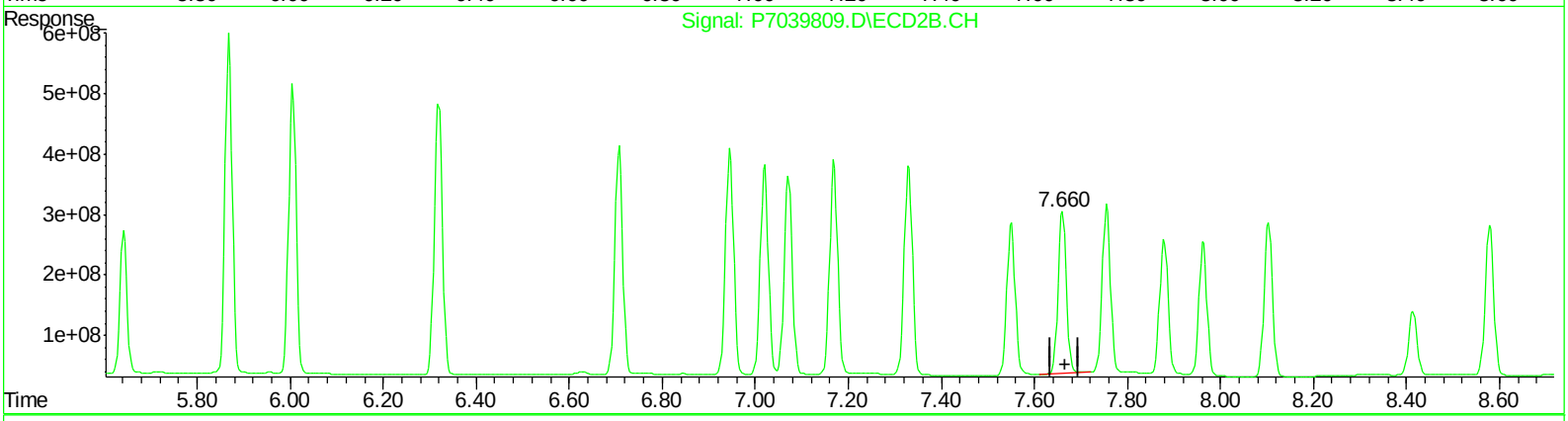
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.646min 50.449 ng/ml
response 3013178829

(16) 4,4'-DDD #2 (A)
7.661min 45.948 ng/ml
response 3334419460

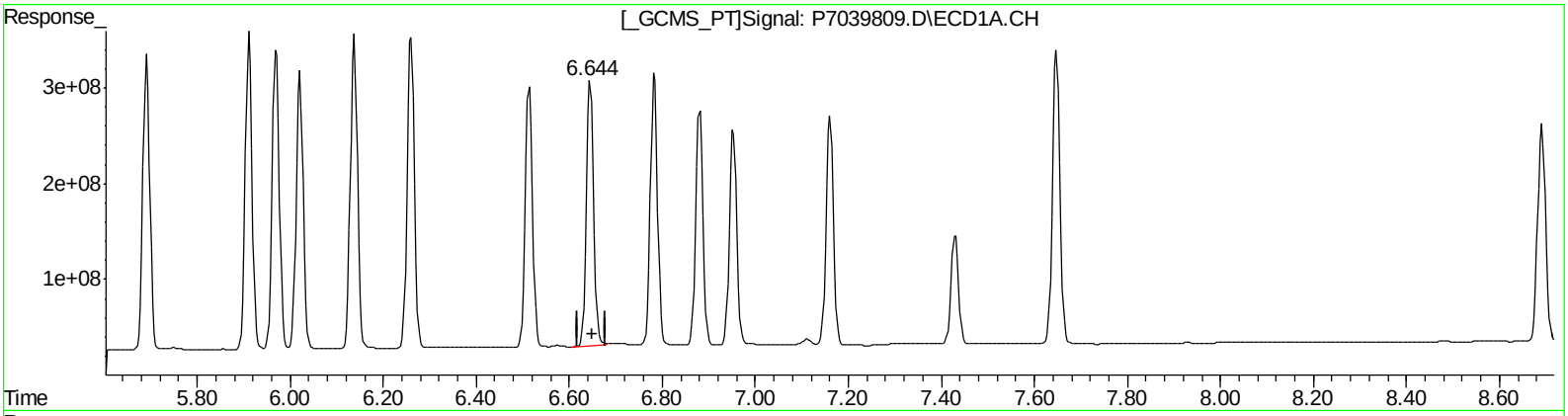
(+) = Expected Retention Time

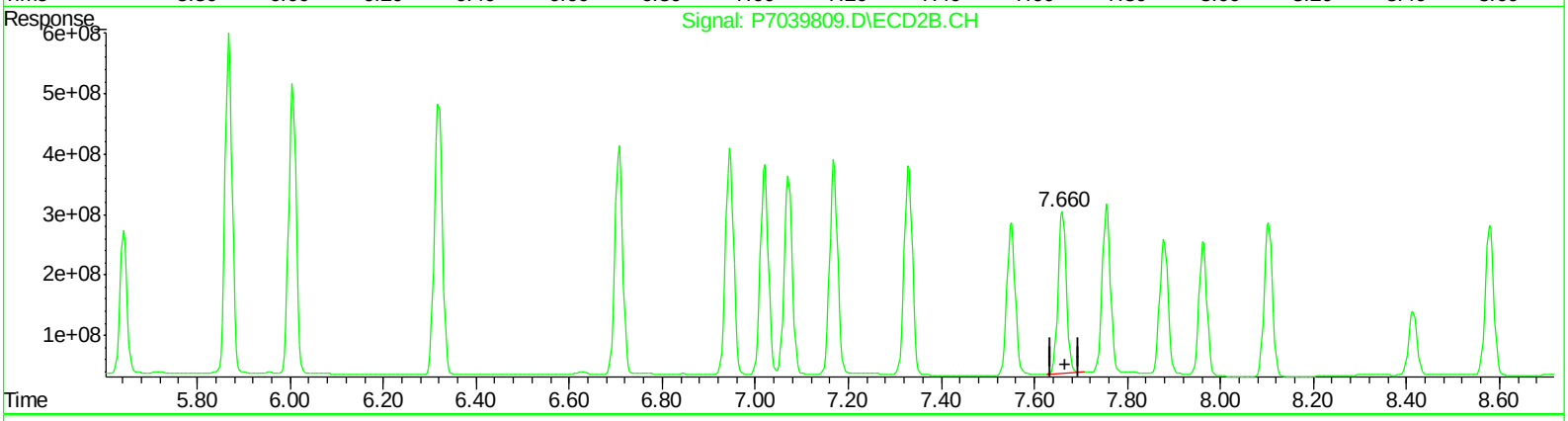
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.646min 50.449 ng/ml
response 3013178829

(16) 4,4'-DDD #2 (A)
7.660min 45.824 ng/ml m
response 3325389462

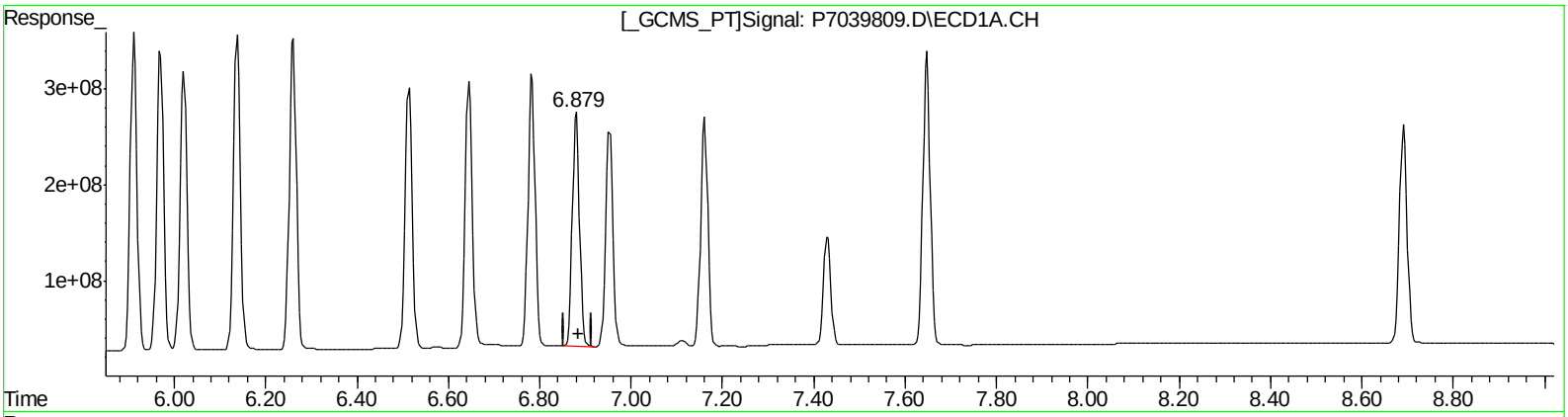
(+) = Expected Retention Time

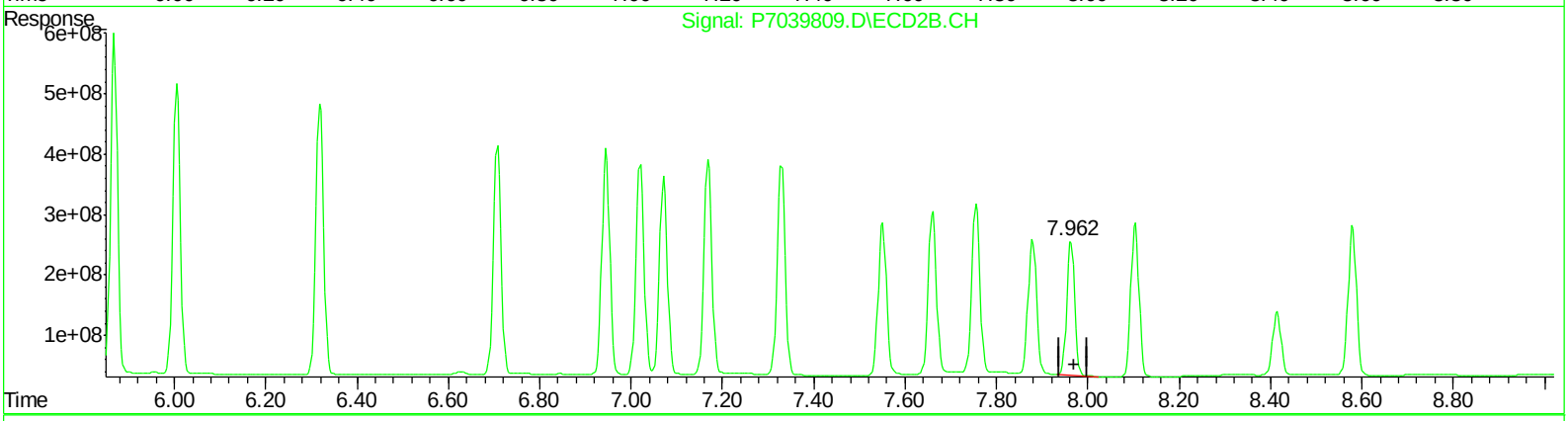
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.881min 51.974 ng/ml
response 2676405890

(17) 4,4'-DDT #2 (MA)
7.964min 51.968 ng/ml
response 2683863504

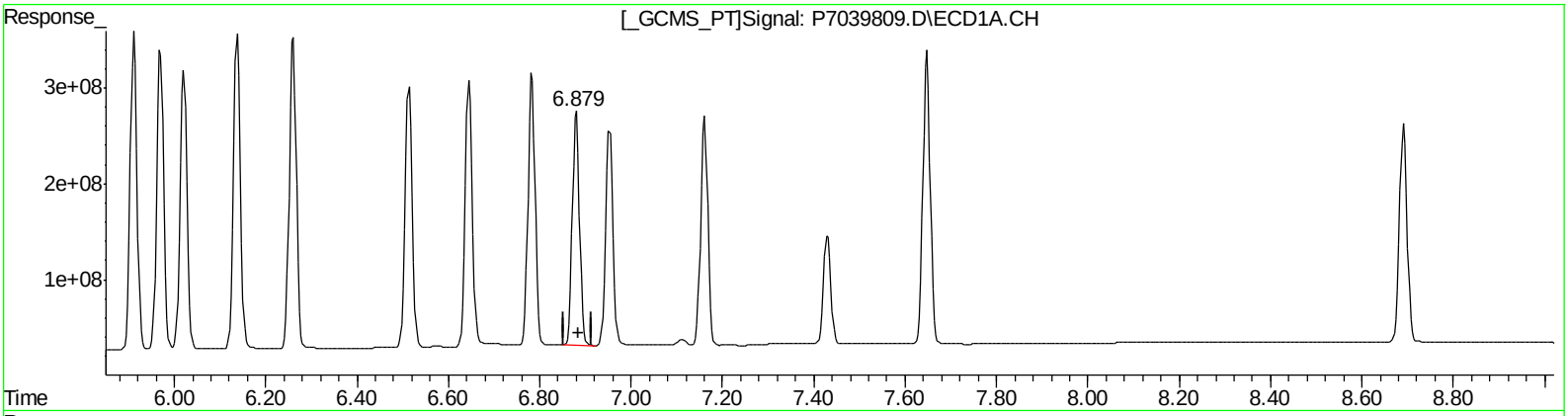
(+) = Expected Retention Time

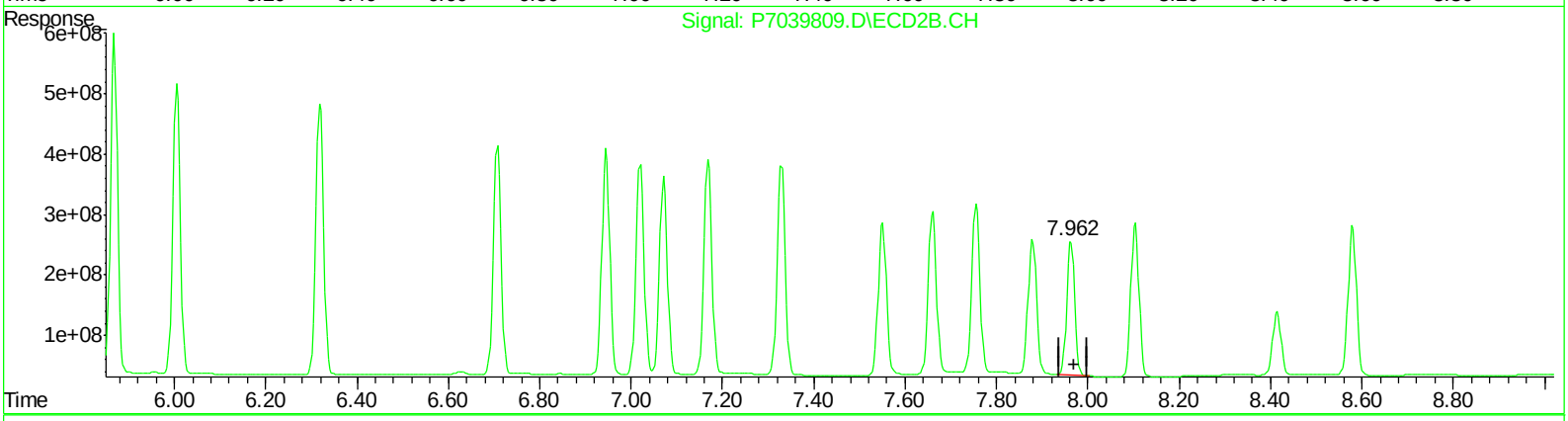
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(17) 4,4'-DDT (MA)
6.881min 51.974 ng/ml
response 2676405890

(17) 4,4'-DDT #2 (MA)
7.962min 52.148 ng/ml m
response 2693169199

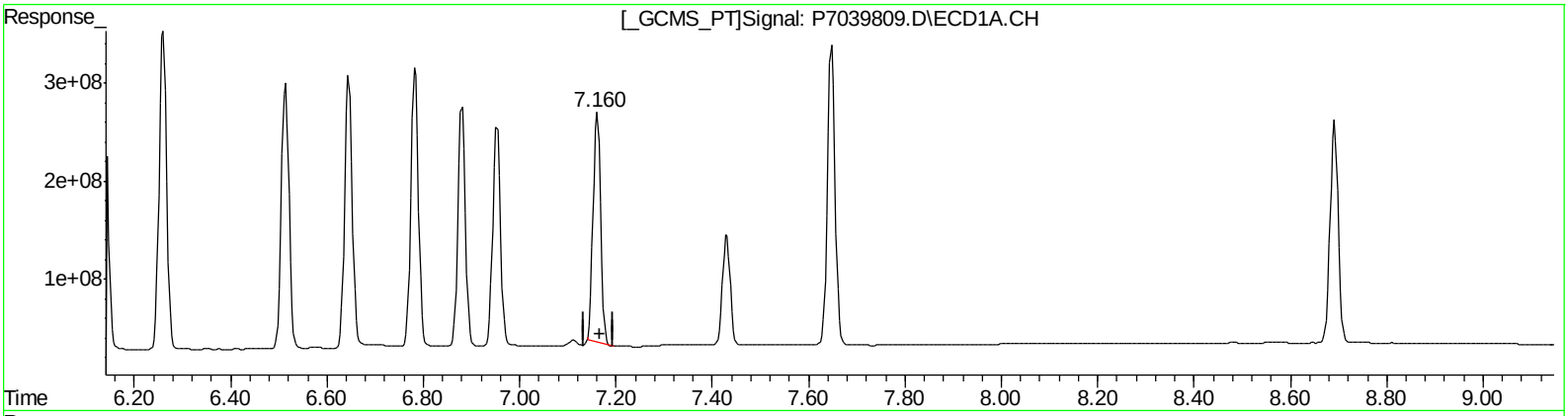
(+) = Expected Retention Time

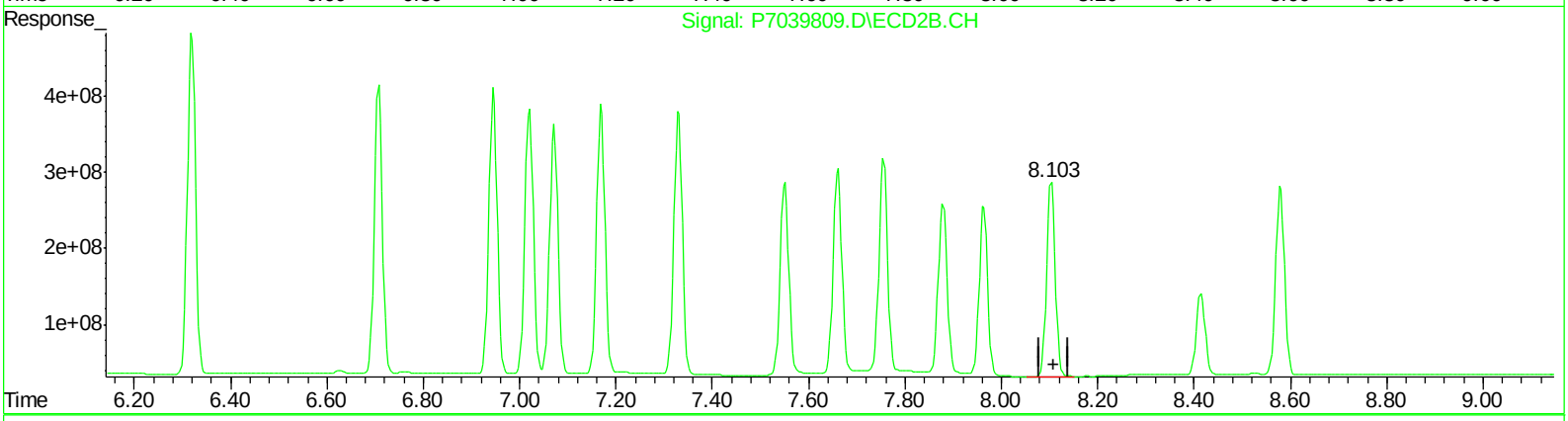
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.161min 53.990 ng/ml

response 2506822697

(19) Endosulfan Sulfate #2 (B)

8.104min 49.471 ng/ml

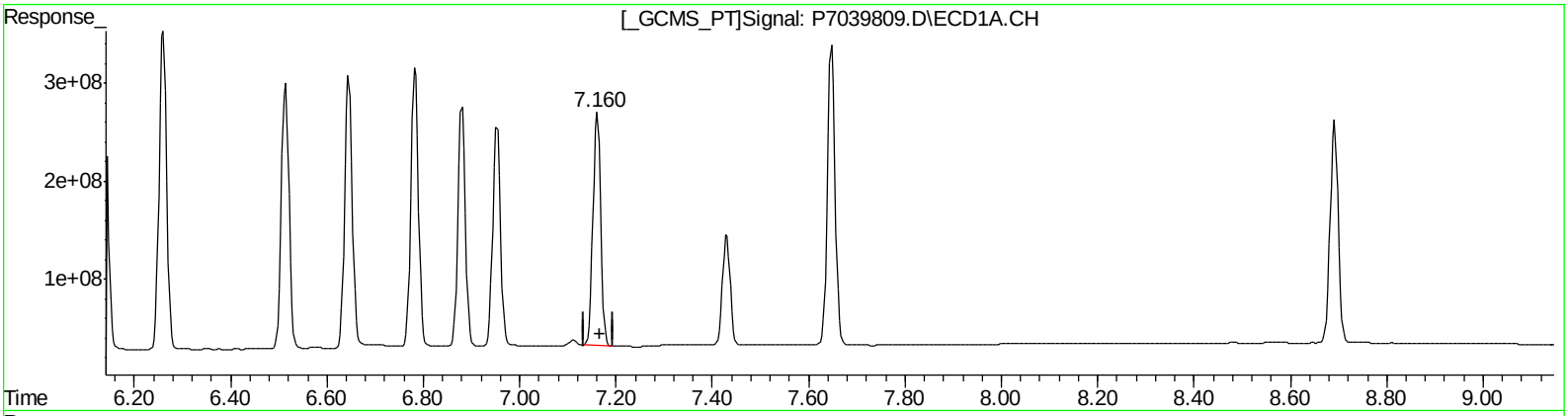
response 3209979745

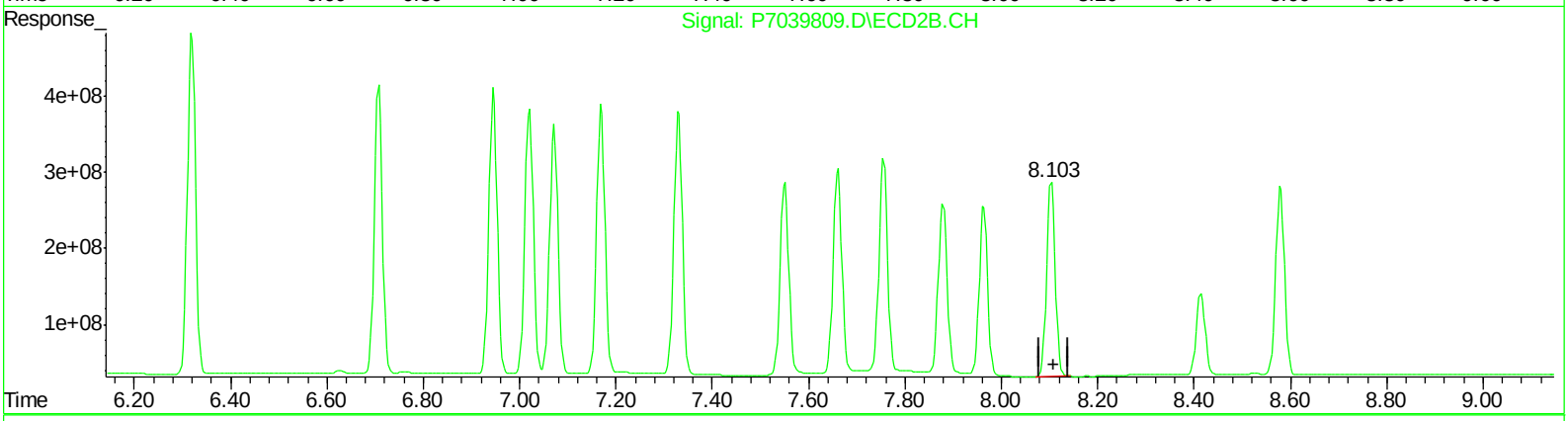
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.160min 55.979 ng/ml m

response 2599163778

(19) Endosulfan Sulfate #2 (B)

8.103min 49.533 ng/ml m

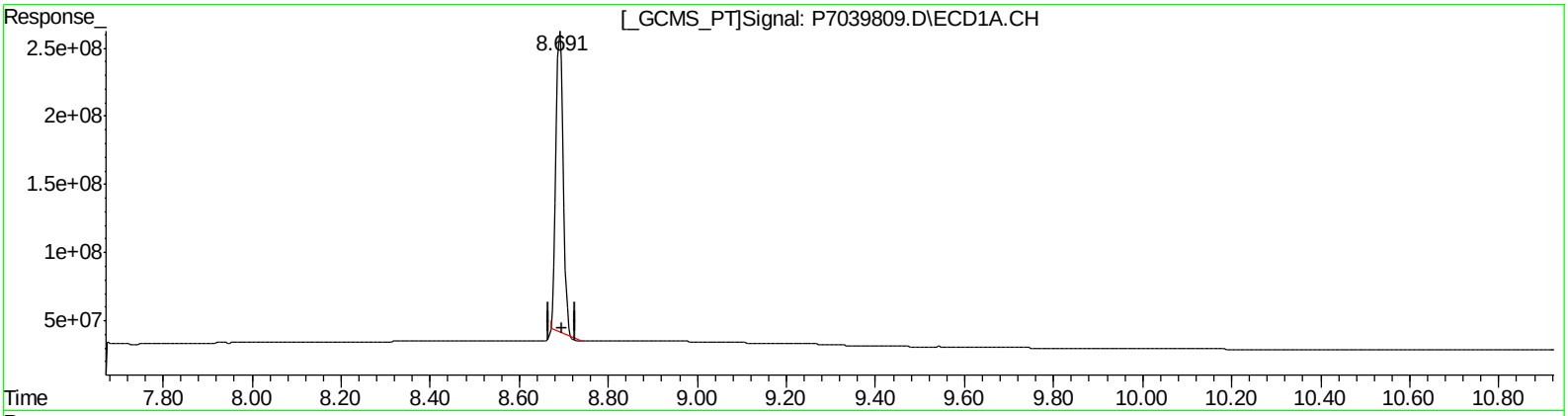
response 3214014295

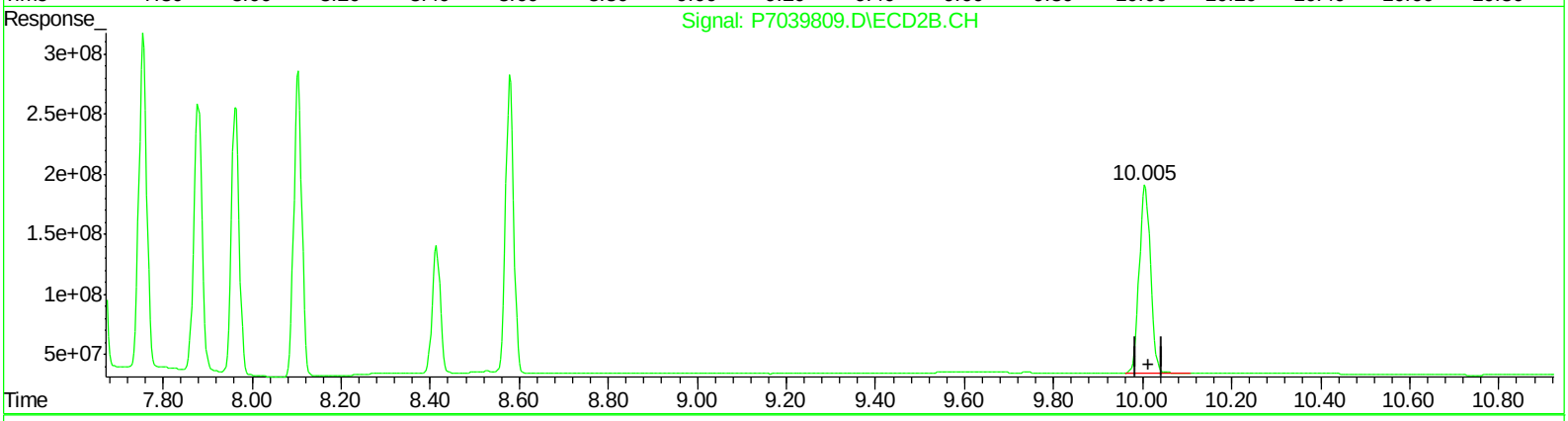
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 50.762 ng/ml

response 2440062095

(22) Decachlorobiphenyl #2 (SA)

10.006min 55.156 ng/ml

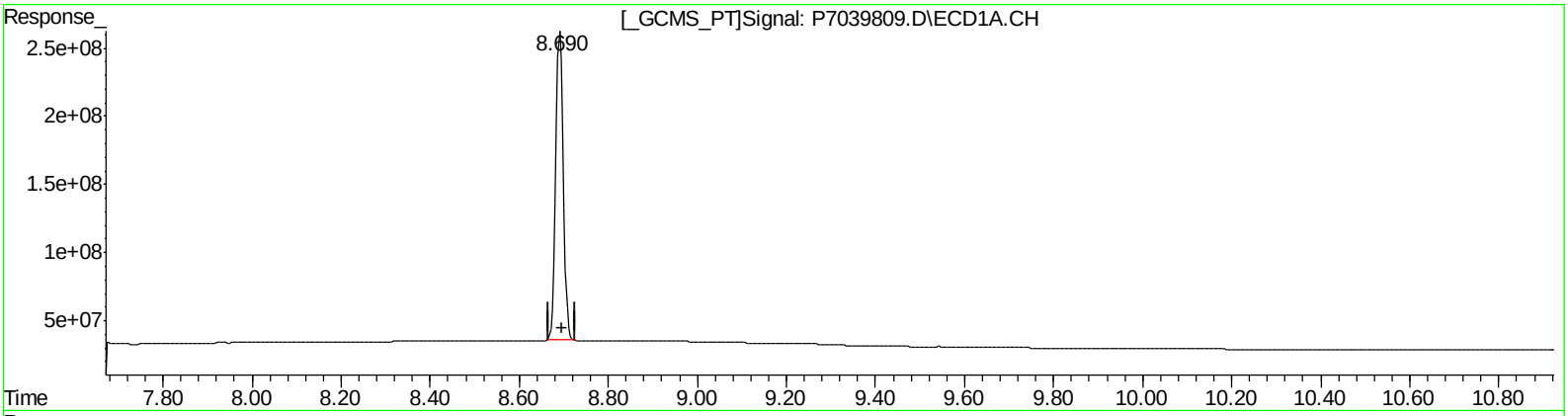
response 2788935302

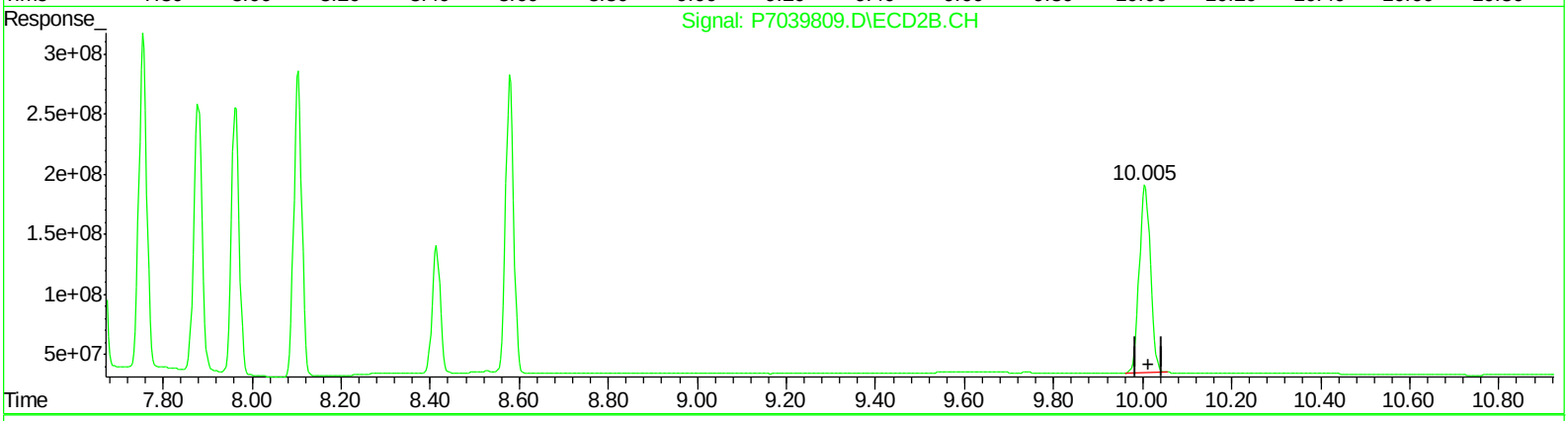
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:50
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:08:55 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.690min 55.050 ng/ml m

response 2646133380

(22) Decachlorobiphenyl #2 (SA)

10.005min 54.675 ng/ml m

response 2764624461

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039809.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:50
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 04:21:43 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.786	2424.8E6	4647.9E6	54.456m	54.909
22)	SA Decachlor...	8.690	10.005	2646.1E6	2764.6E6	55.050m	54.675m
	Target Compounds						
2)	A alpha-BHC	4.446	5.183	4002.4E6	7105.4E6	53.212m	54.767m
3)	MA gamma-BHC...	4.728	5.477	3811.9E6	6411.0E6	55.614	56.555
4)	MA Heptachlor	5.014	6.006	3327.2E6	5360.5E6	57.850	56.386
5)	MB Aldrin	5.255	6.320	3583.4E6	5376.0E6	52.396	51.676
6)	B beta-BHC	4.976	5.643	1433.2E6	2453.5E6	54.757	56.050
7)	B delta-BHC	5.174	5.869	3692.0E6	5981.6E6	54.349	54.310
8)	B Heptachlo...	5.692	6.708	3162.5E6	4445.9E6	49.893	47.991
9)	A Endosulfan I	6.022	7.072	3088.1E6	3981.4E6	49.835	46.743
10)	B gamma-Chl...	5.912	6.946	3431.2E6	4490.8E6	49.660	46.628
11)	B alpha-Chl...	5.970	7.021	3306.1E6	4237.0E6	49.295	46.100
12)	B 4,4'-DDE	6.137	7.170	3440.9E6	4275.4E6	51.314m	48.238
13)	MA Dieldrin	6.260	7.330	3521.1E6	4218.2E6	49.177	46.266
14)	MA Endrin	6.514	7.550	2967.6E6	3205.1E6	52.133	48.634m
15)	B Endosulfa...	6.783	7.756	3081.7E6	3436.9E6	49.206	46.419
16)	A 4,4'-DDD	6.646	7.660	3013.2E6	3325.4E6	50.449	45.824m
17)	MA 4,4'-DDT	6.881	7.962	2676.4E6	2693.2E6	51.974	52.148m
18)	B Endrin al...	6.953	7.880	2487.2E6	2855.7E6	49.337	46.662
19)	B Endosulfa...	7.160	8.103	2599.2E6	3214.0E6	55.979m	49.533m
20)	A Methoxychlor	7.430	8.415	1267.7E6	1343.7E6	51.674	50.202
21)	B Endrin ke...	7.648	8.580	3410.4E6	3158.9E6	54.711	52.613

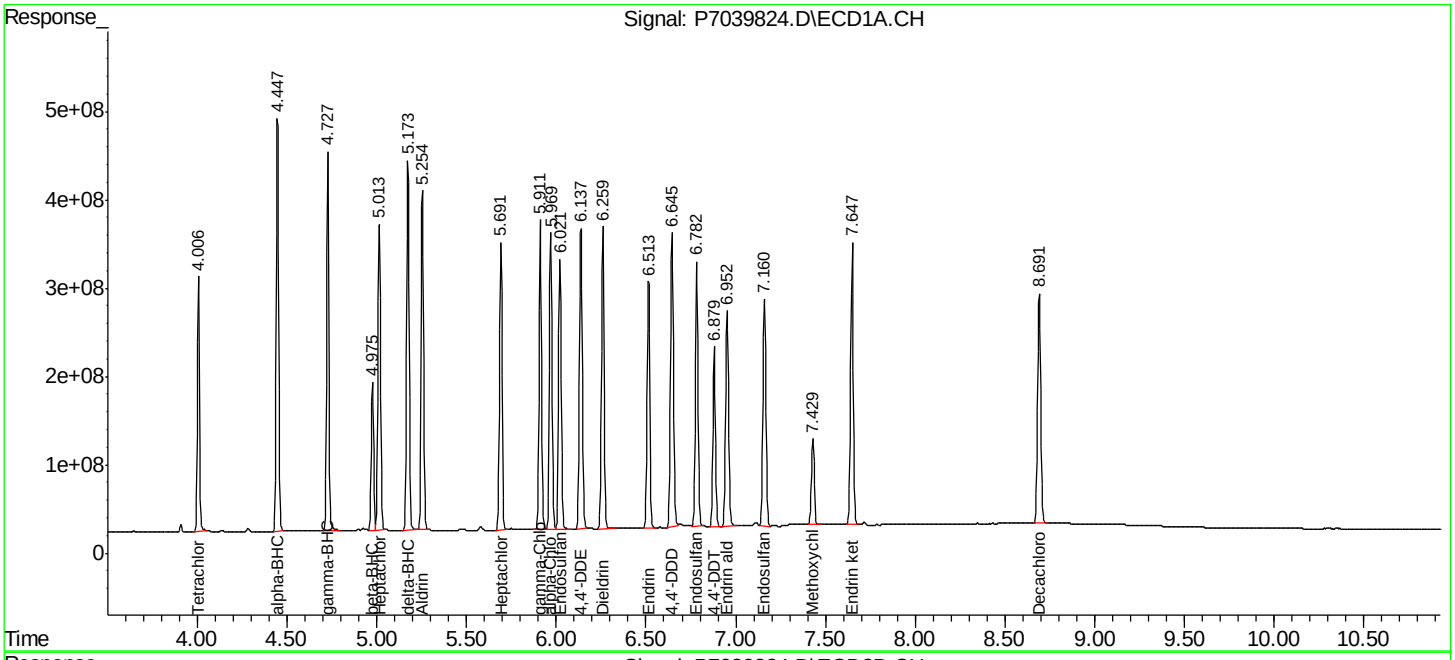
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

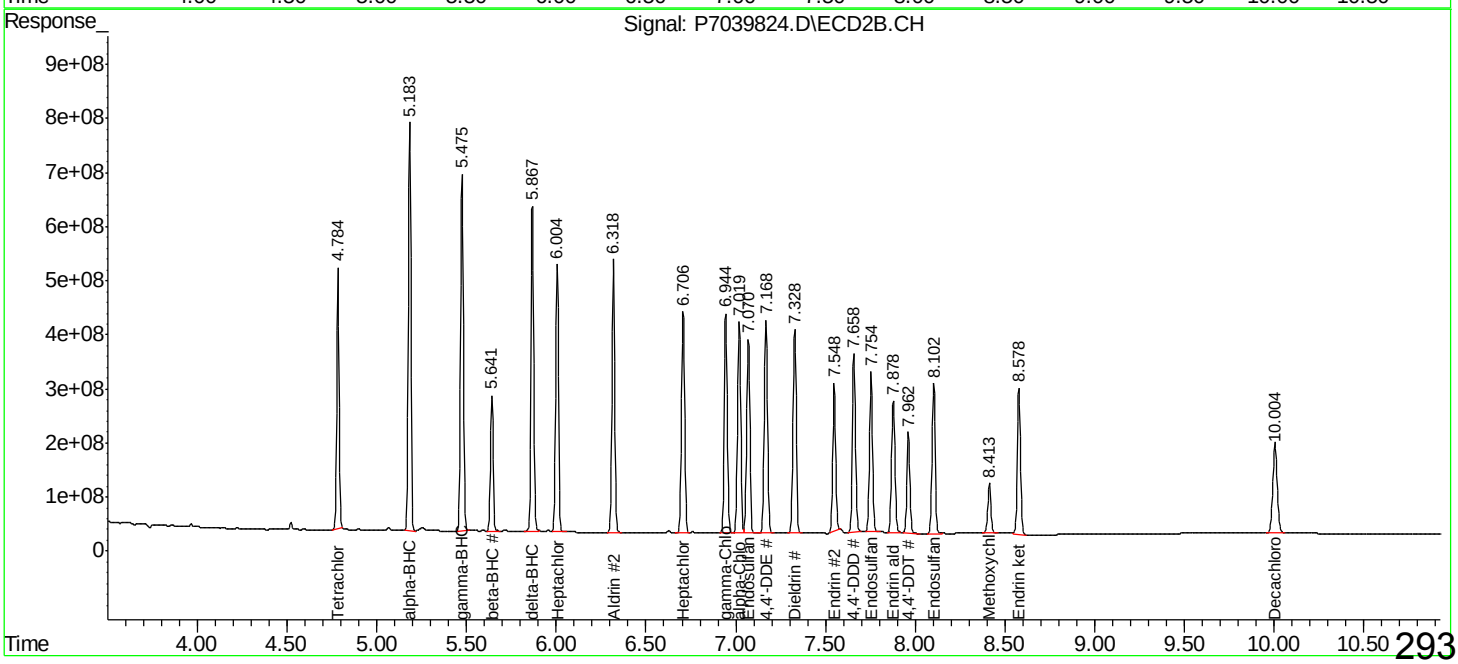
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:25:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



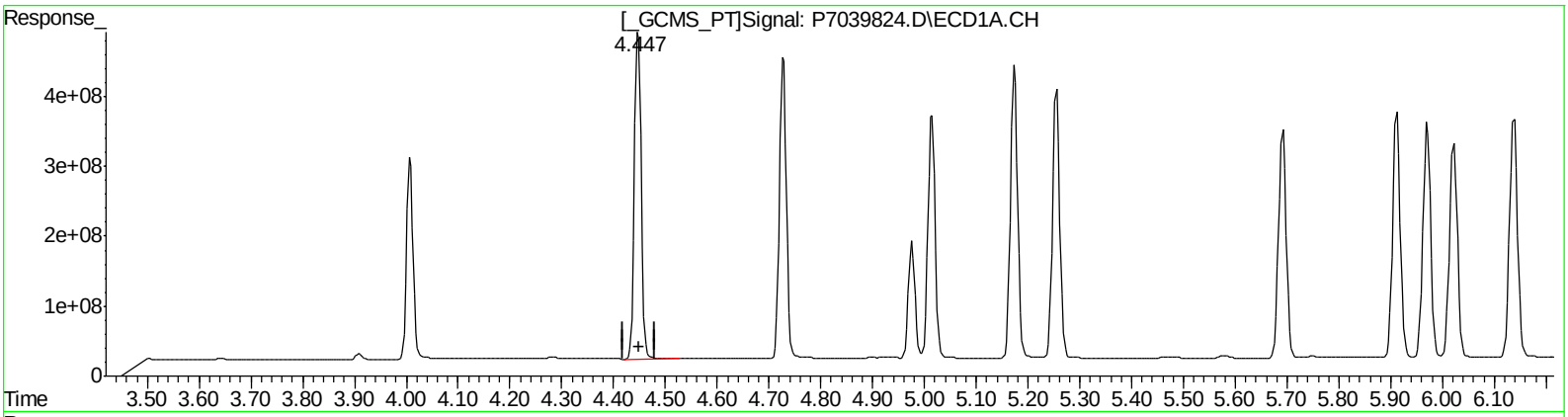


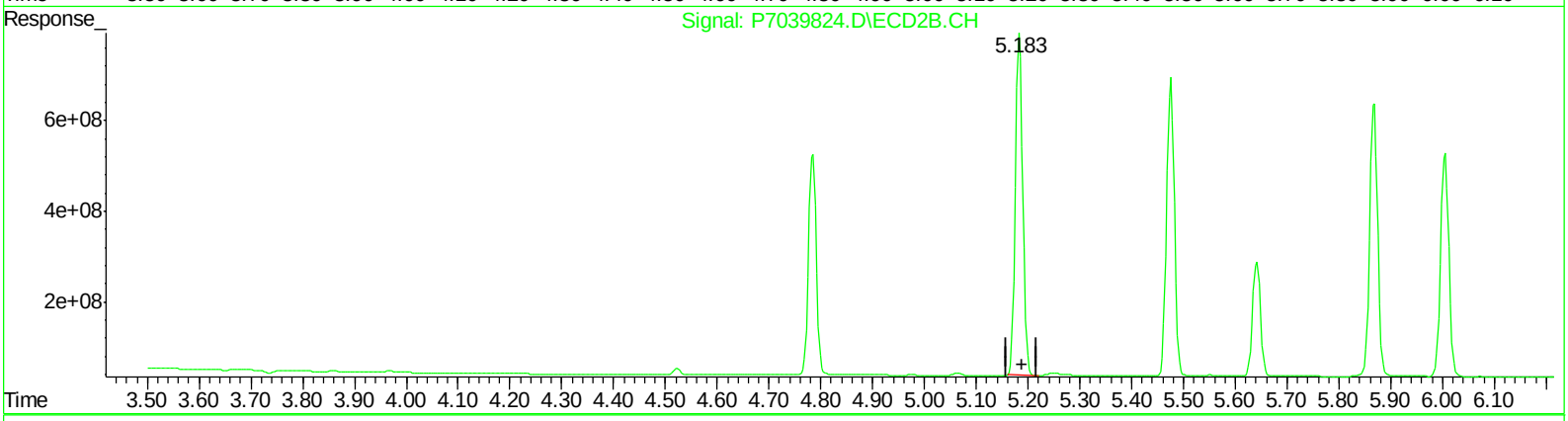
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.448min 55.584 ng/ml

response 4180823338

(2) alpha-BHC #2 (A)

5.184min 58.339 ng/ml

response 7568832274

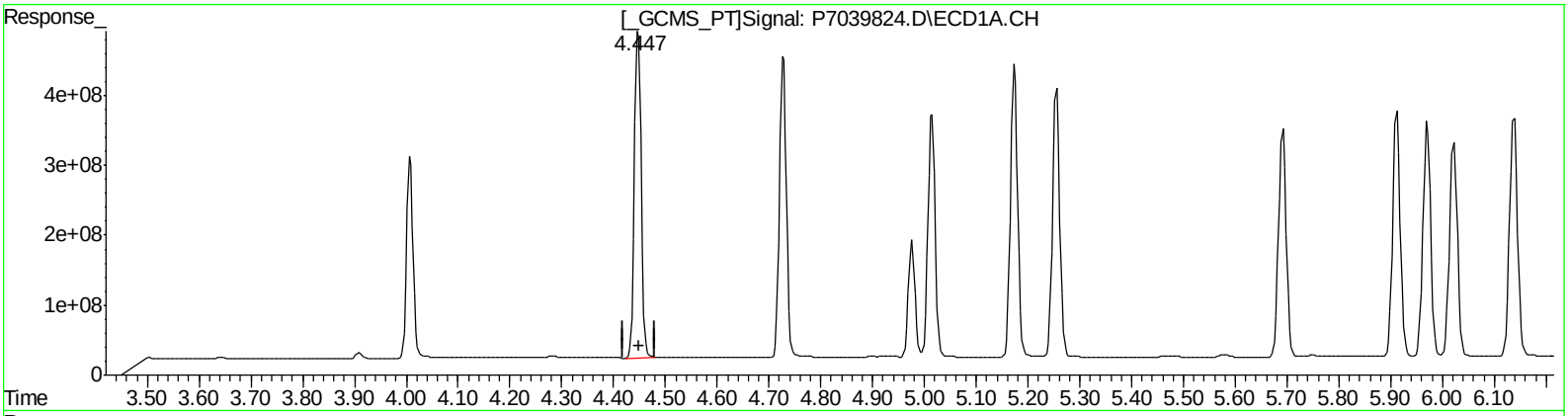
(+) = Expected Retention Time

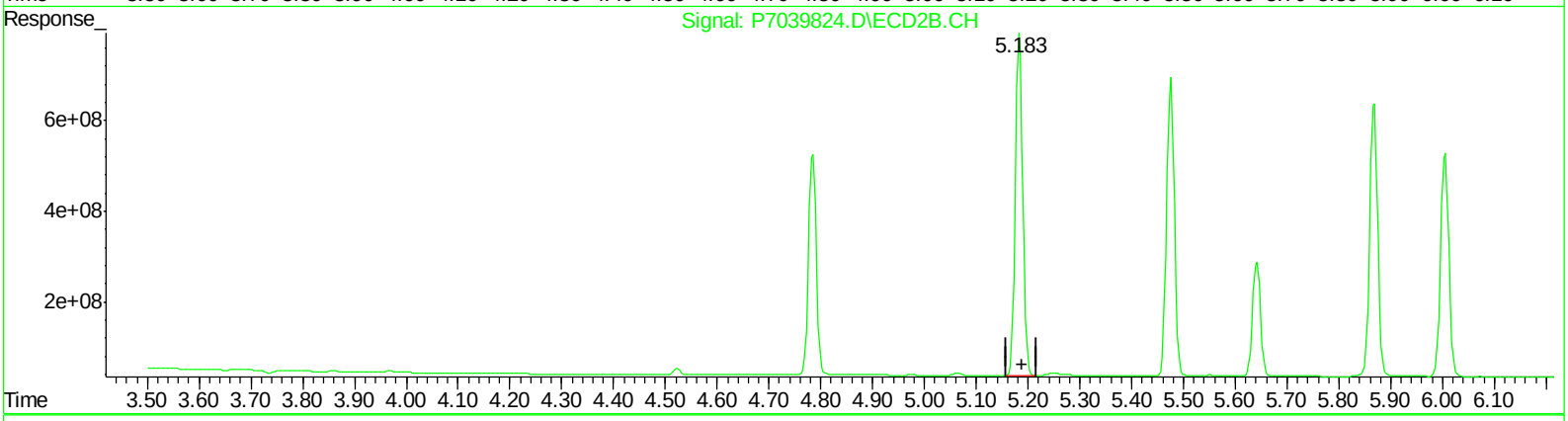
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.447min 55.074 ng/ml m

response 4142474681

(2) alpha-BHC #2 (A)

5.183min 58.508 ng/ml m

response 7590784565

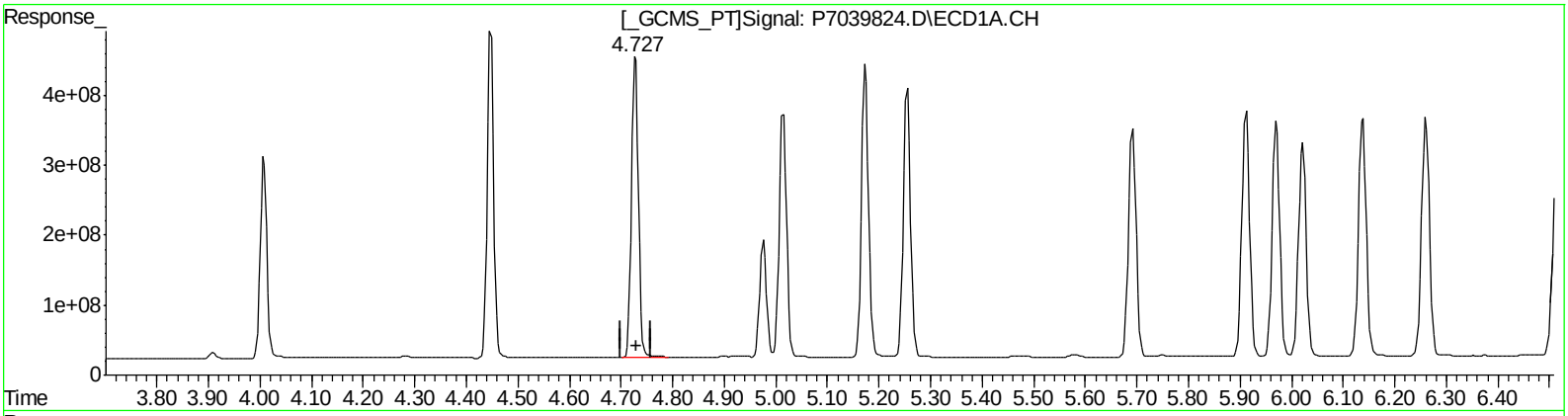
(+) = Expected Retention Time

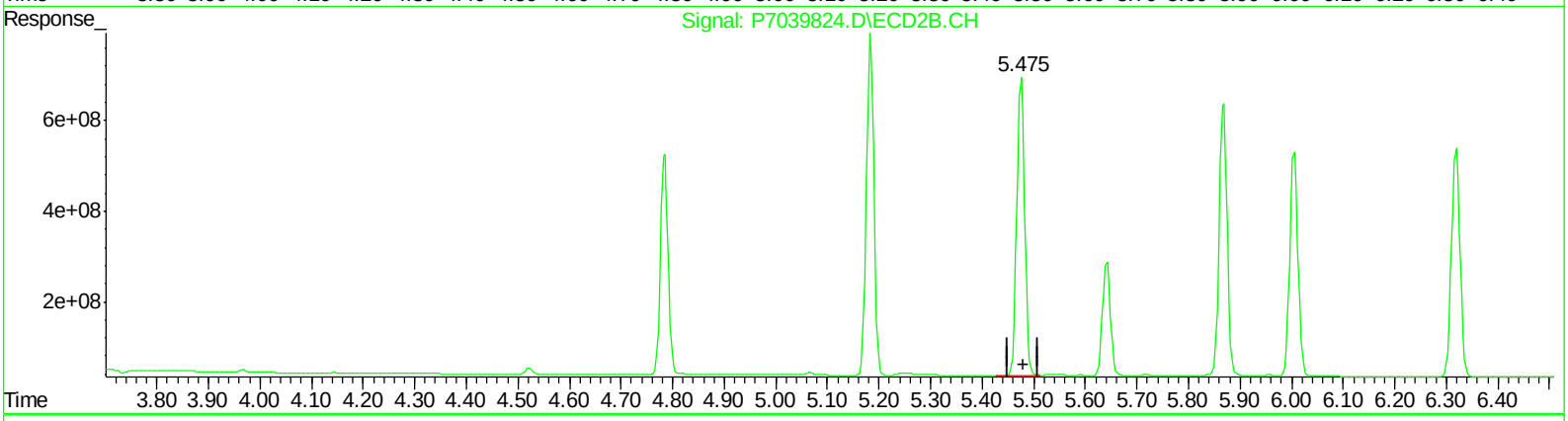
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 58.368 ng/ml

response 4000718170

(3) gamma-BHC (Lindane) #2 (MA)

5.476min 60.638 ng/ml

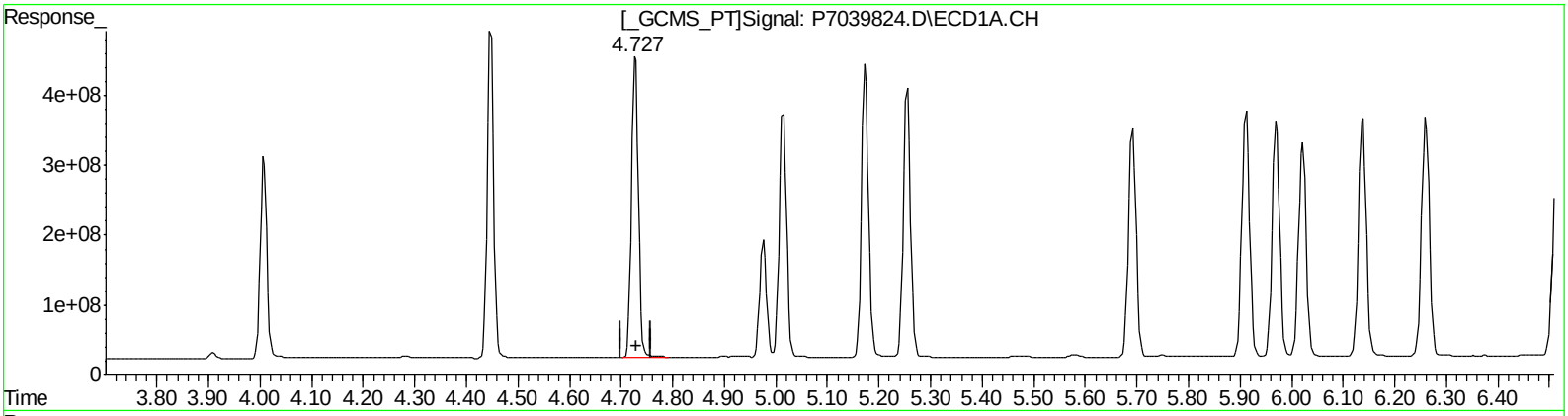
response 6873883016

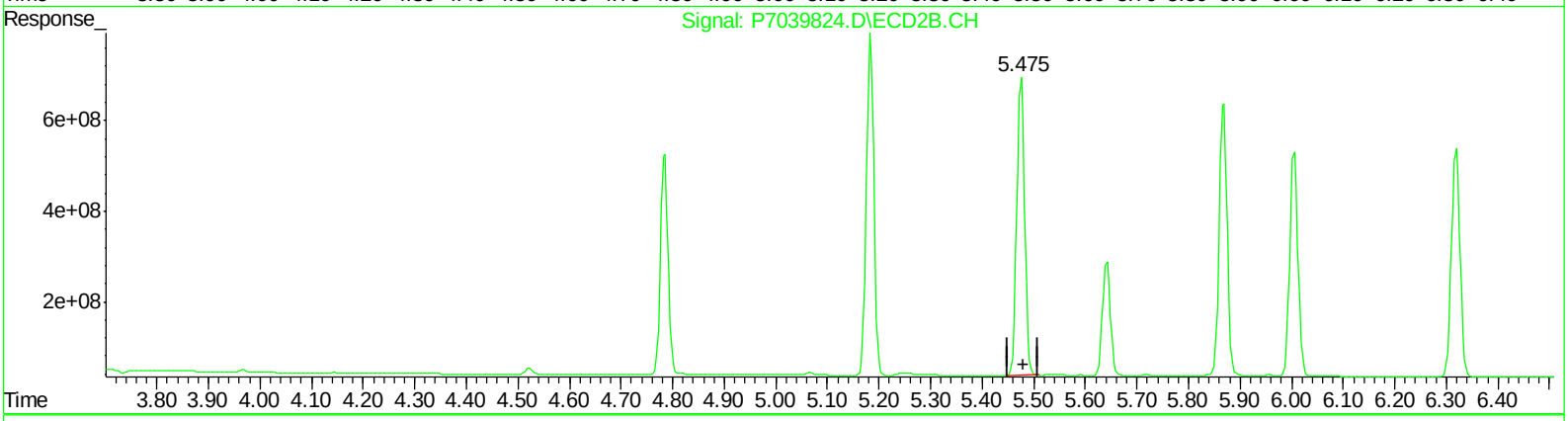
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 58.368 ng/ml

response 4000718170

(3) gamma-BHC (Lindane) #2 (MA)

5.475min 60.660 ng/ml m

response 6876370766

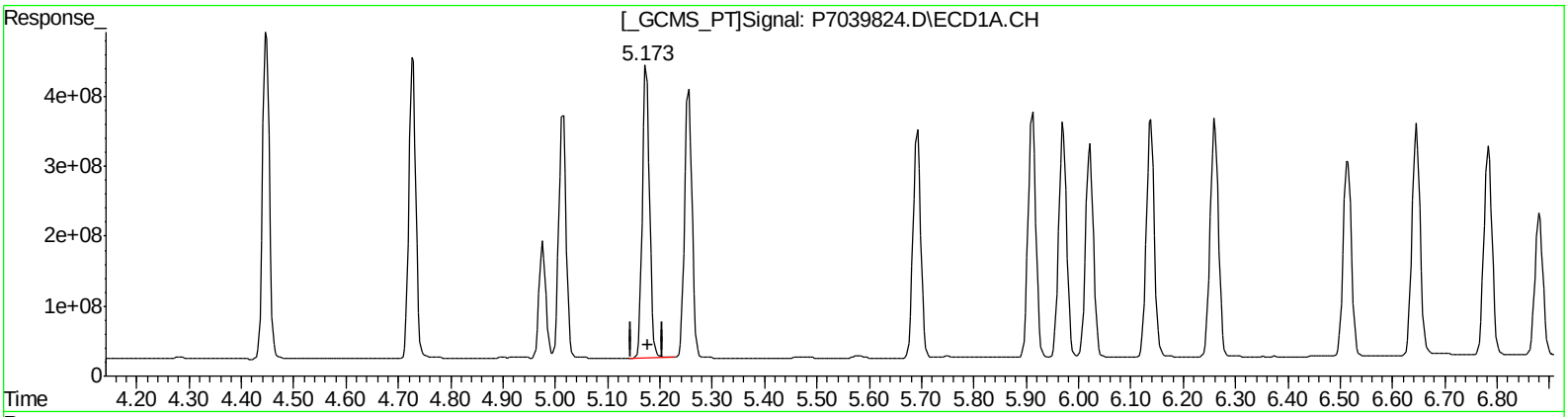
(+) = Expected Retention Time

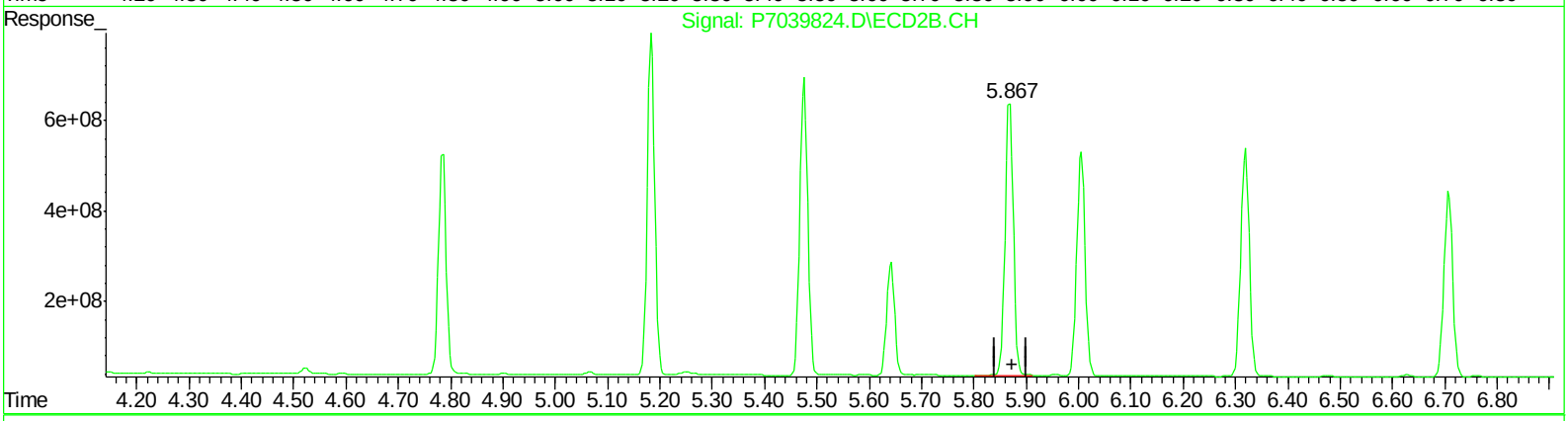
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)
5.174min 58.577 ng/ml
response 3979191436

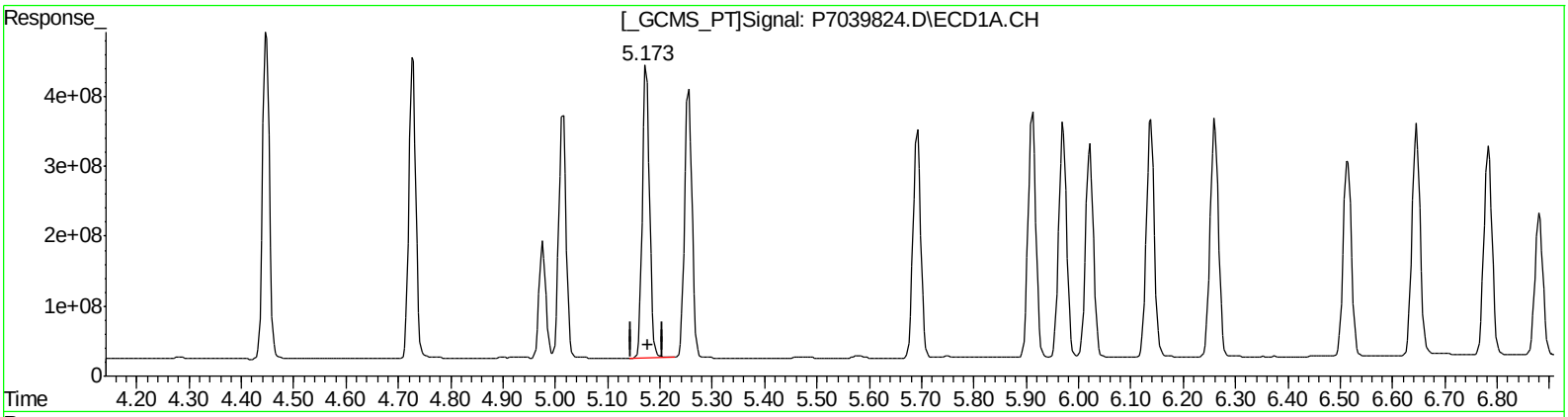
(7) delta-BHC #2 (B)
5.868min 59.614 ng/ml
response 6565738297

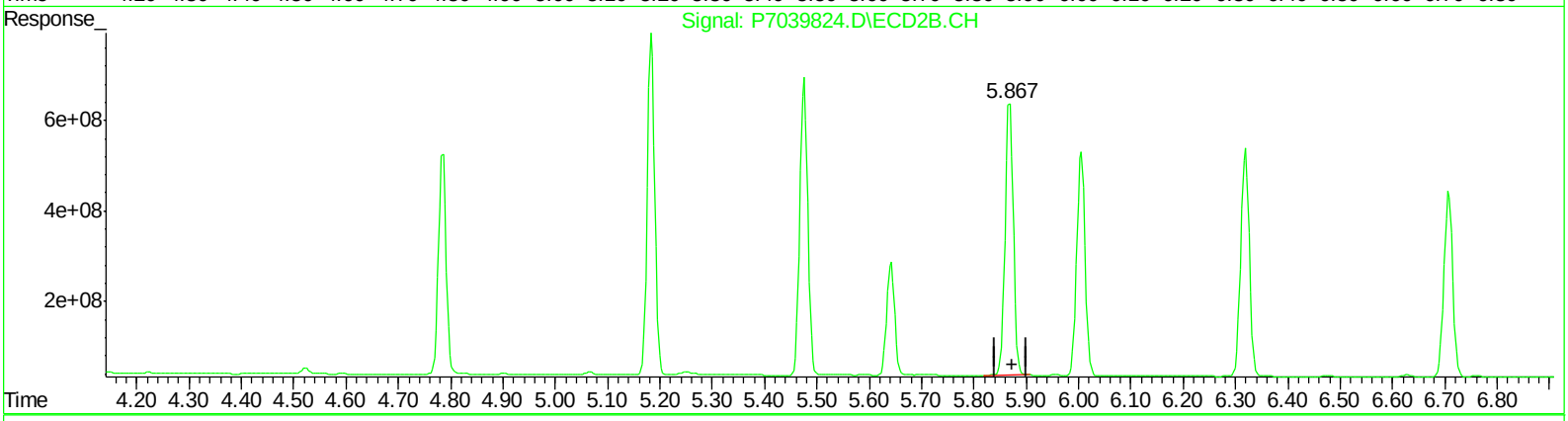
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.174min 58.577 ng/ml

response 3979191436

(7) delta-BHC #2 (B)

5.867min 59.654 ng/ml m

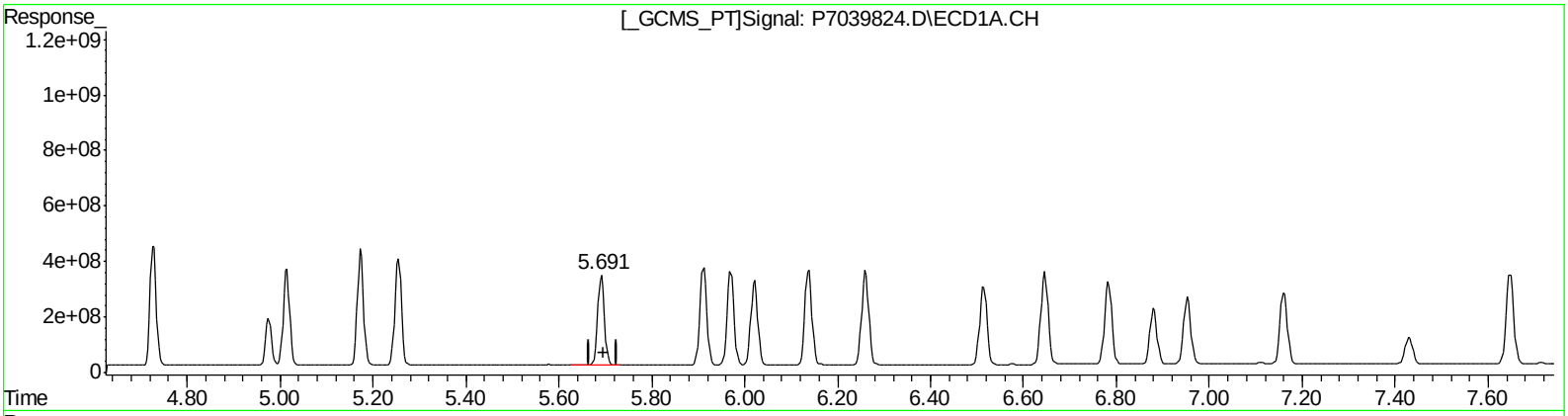
response 6570189746

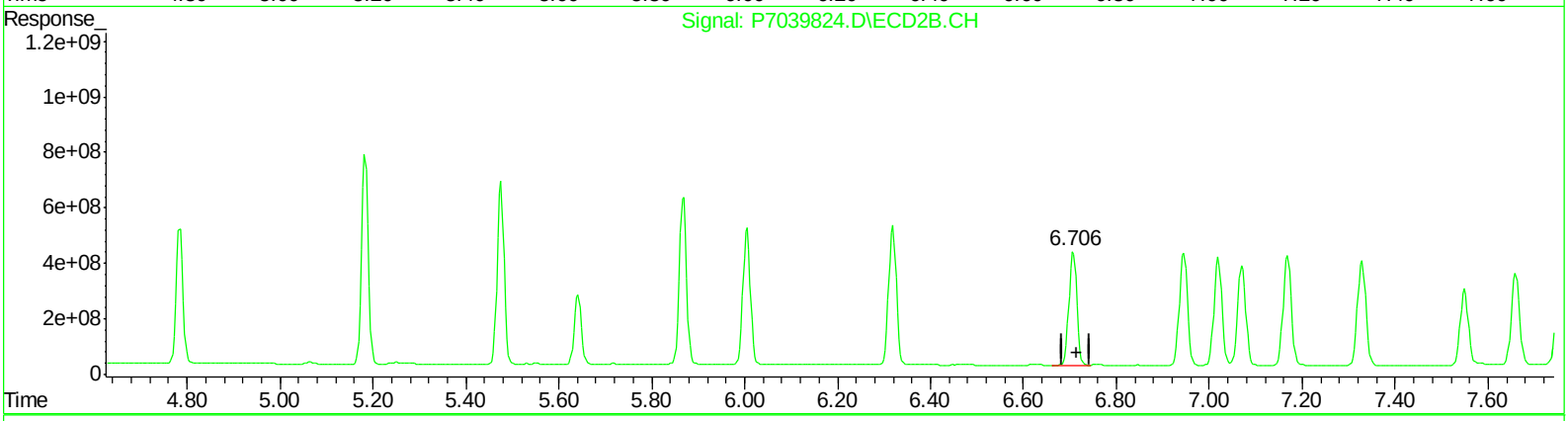
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.692min 52.550 ng/ml

response 3330891717

(8) Heptachlor epoxide #2 (B)

6.708min 52.010 ng/ml

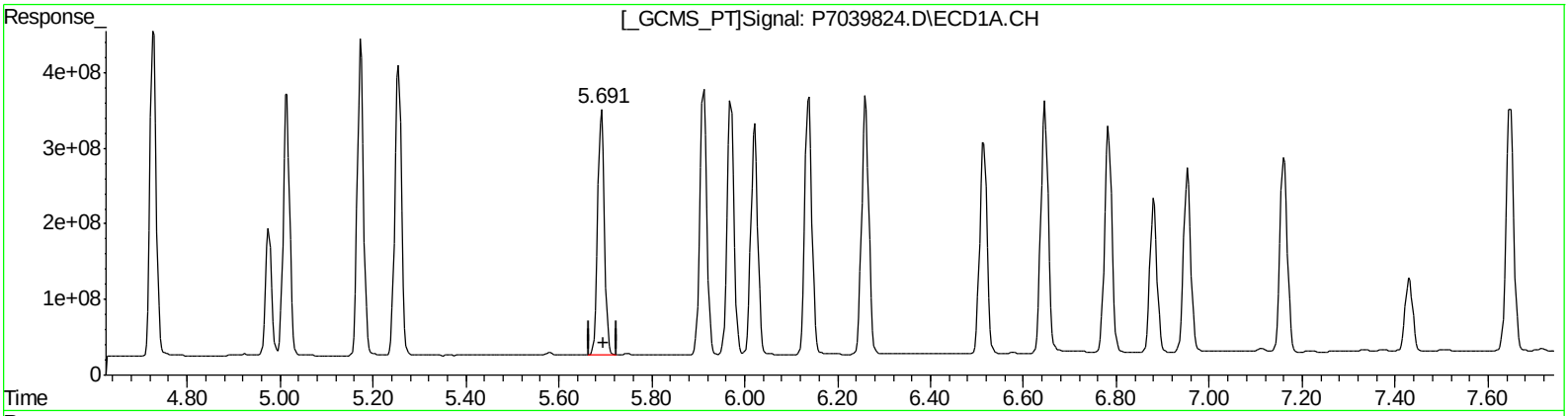
response 4818204407

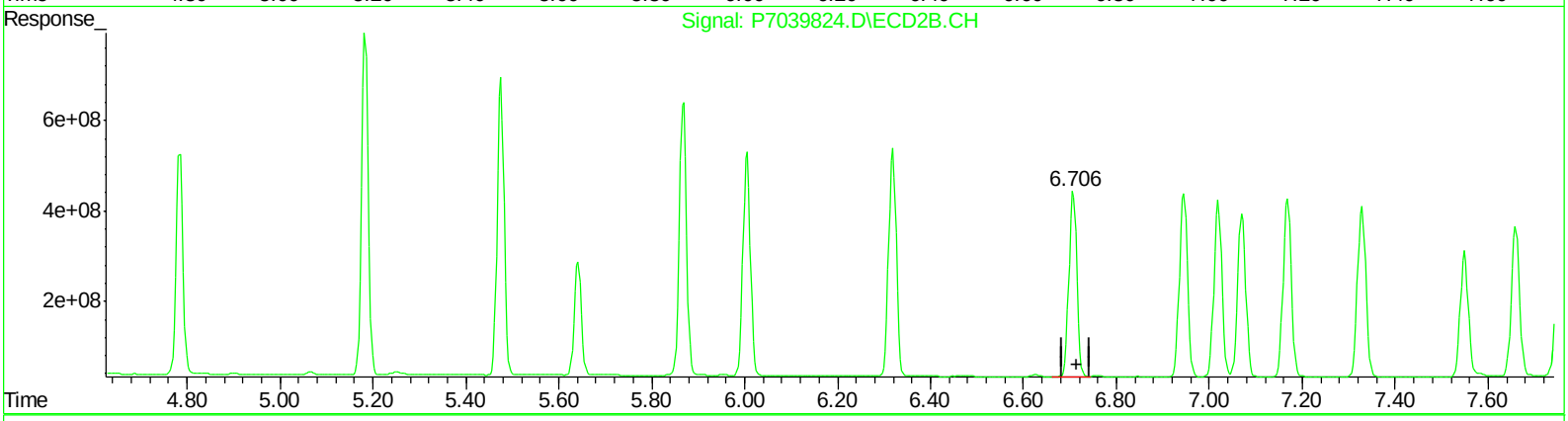
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.691min 52.535 ng/ml m

response 3329919268

(8) Heptachlor epoxide #2 (B)

6.708min 52.010 ng/ml

response 4818204407

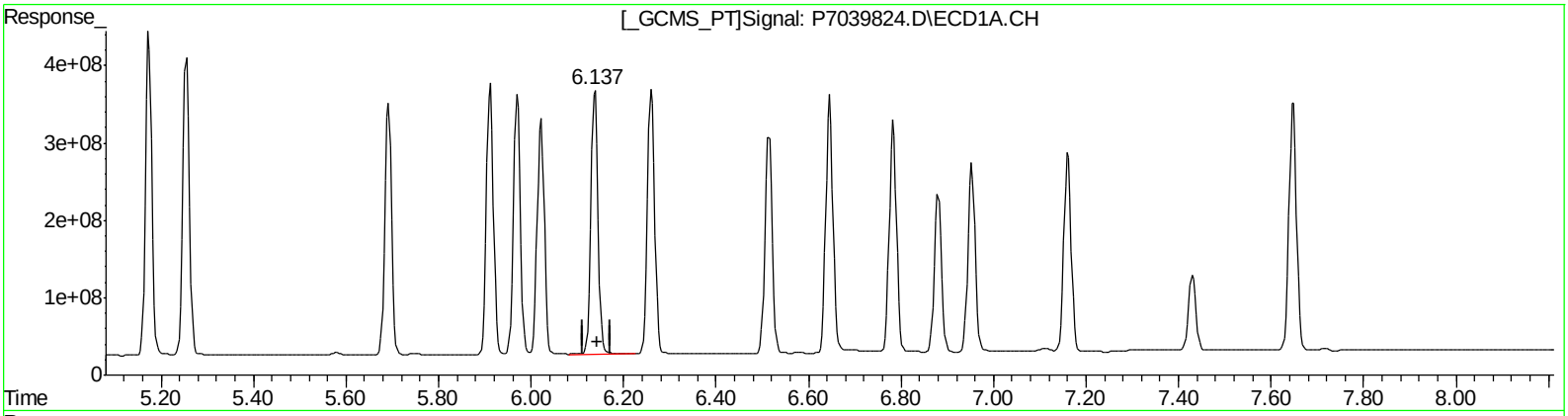
(+) = Expected Retention Time

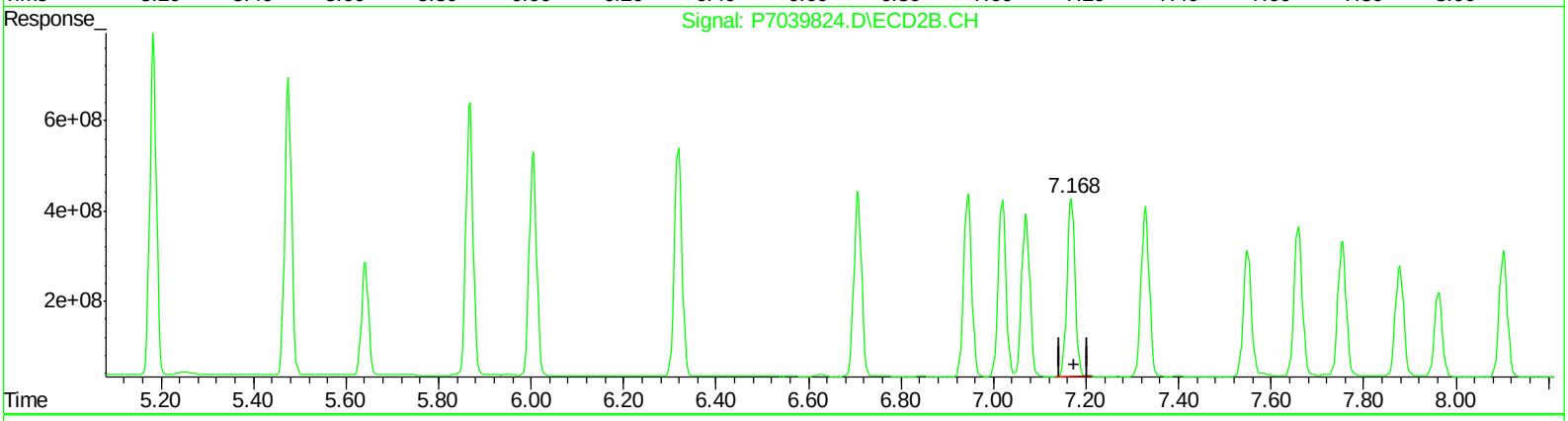
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)
6.138min 54.646 ng/ml
response 3664366216

(12) 4,4'-DDE #2 (B)
7.169min 53.636 ng/ml
response 4753730947

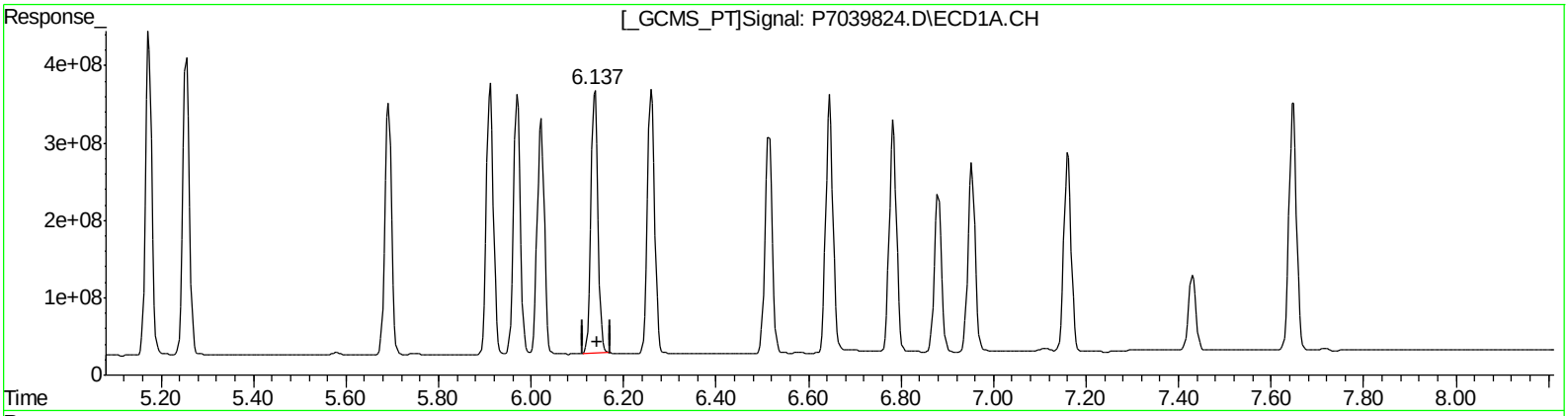
(+) = Expected Retention Time

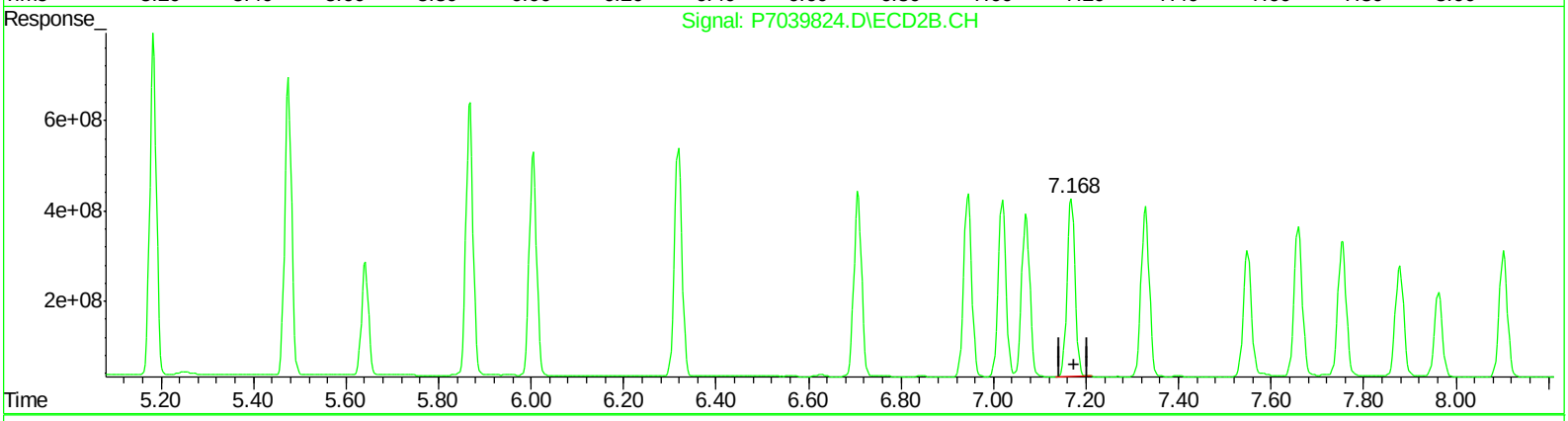
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.137min 53.818 ng/ml m

response 3608797910

(12) 4,4'-DDE #2 (B)

7.169min 53.636 ng/ml

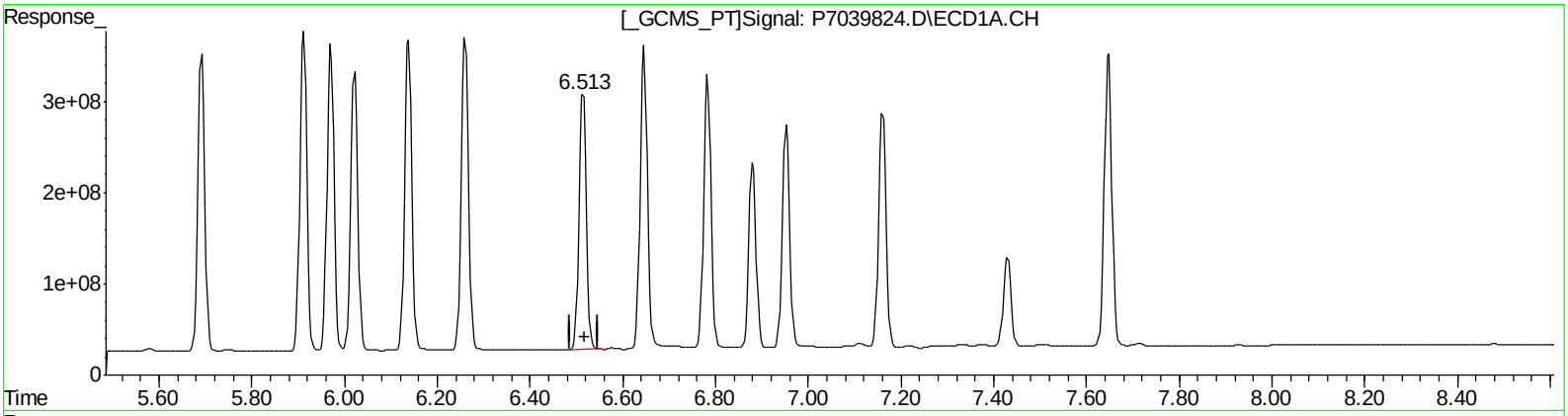
response 4753730947

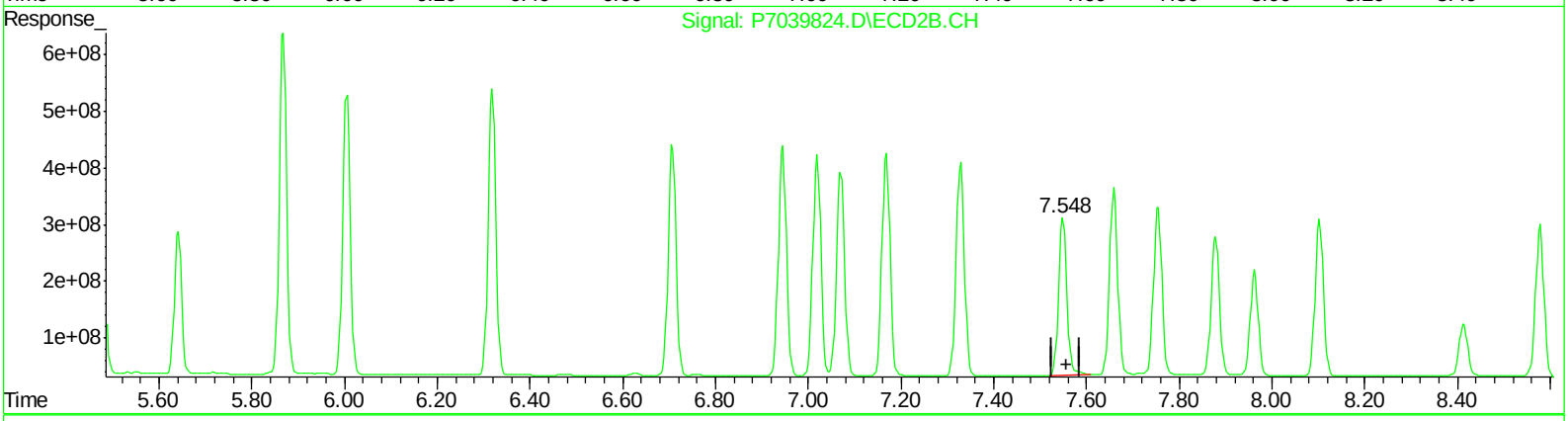
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.515min 53.796 ng/ml

response 3062289757

(14) Endrin #2 (MA)

7.550min 52.842 ng/ml

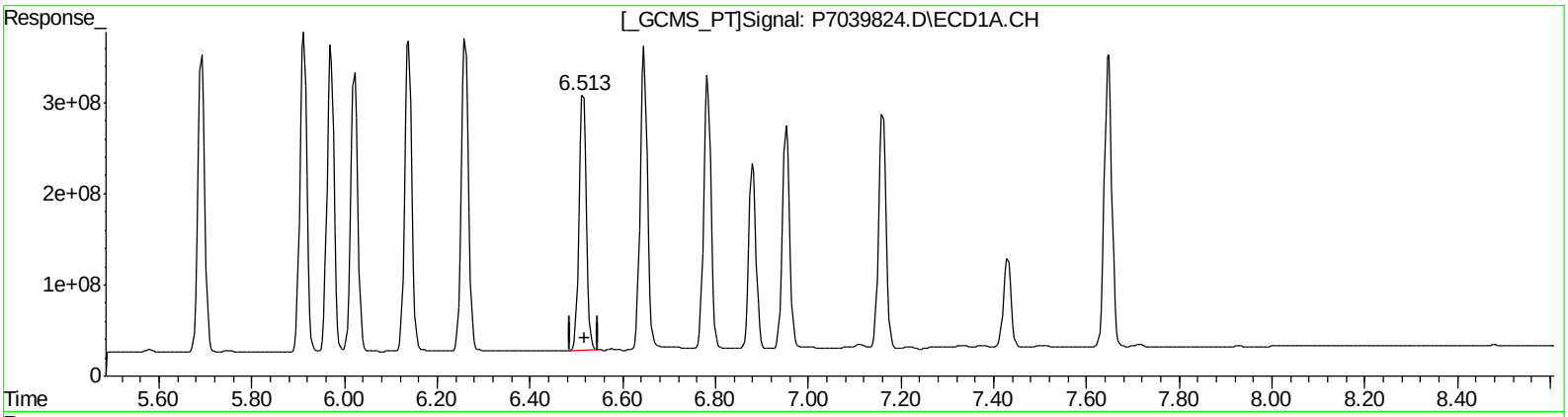
response 3482339802

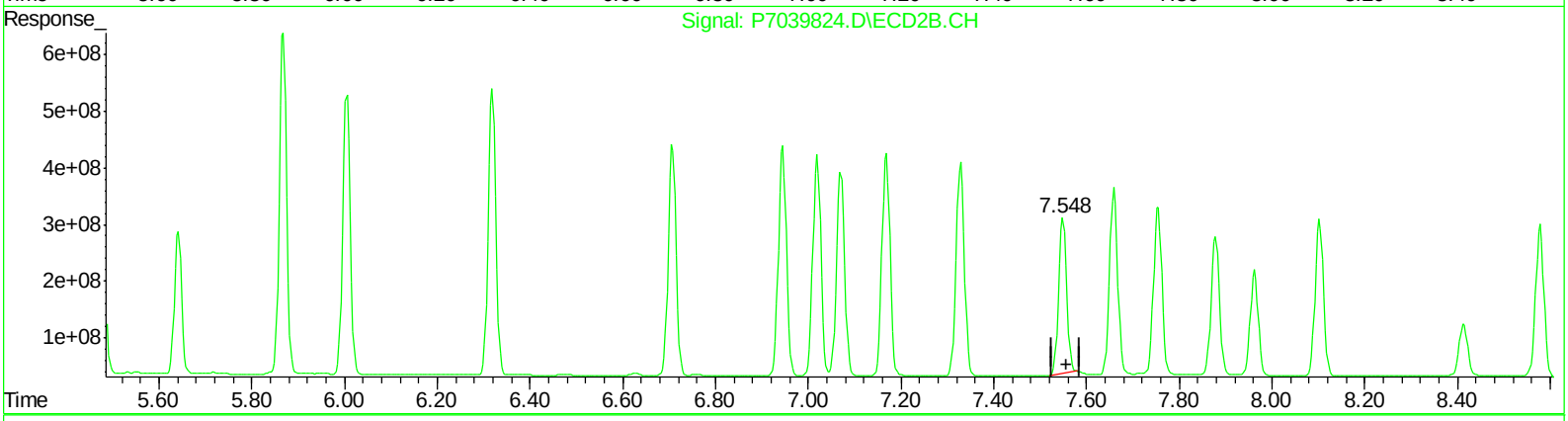
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.515min 53.796 ng/ml

response 3062289757

(14) Endrin #2 (MA)

7.548min 50.074 ng/ml m

response 3299924881

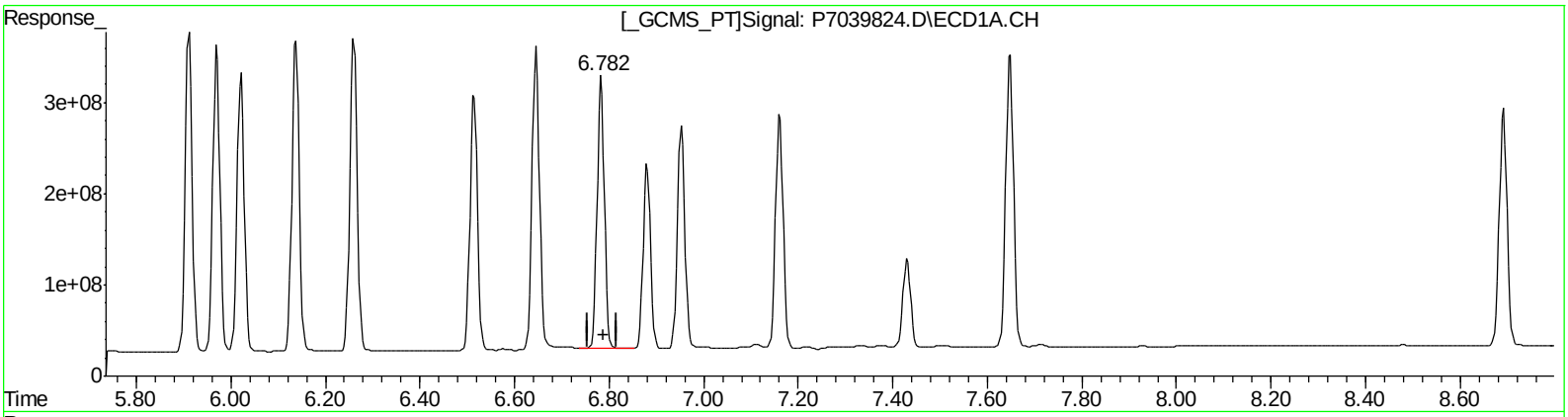
(+) = Expected Retention Time

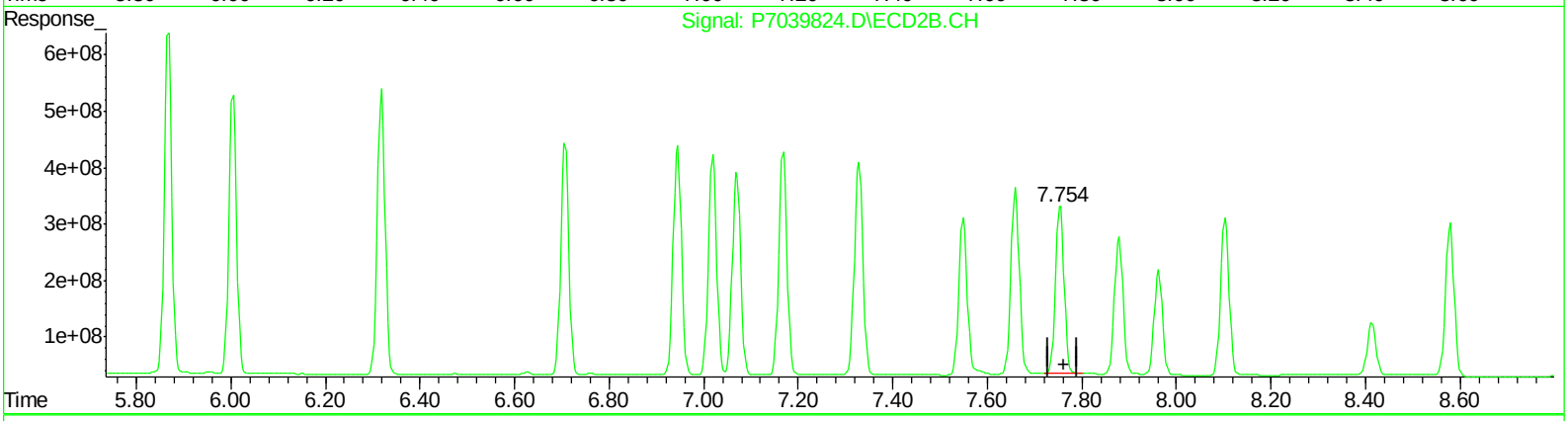
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)

6.784min 52.477 ng/ml

response 3286510148

(15) Endosulfan II #2 (B)

7.755min 50.317 ng/ml

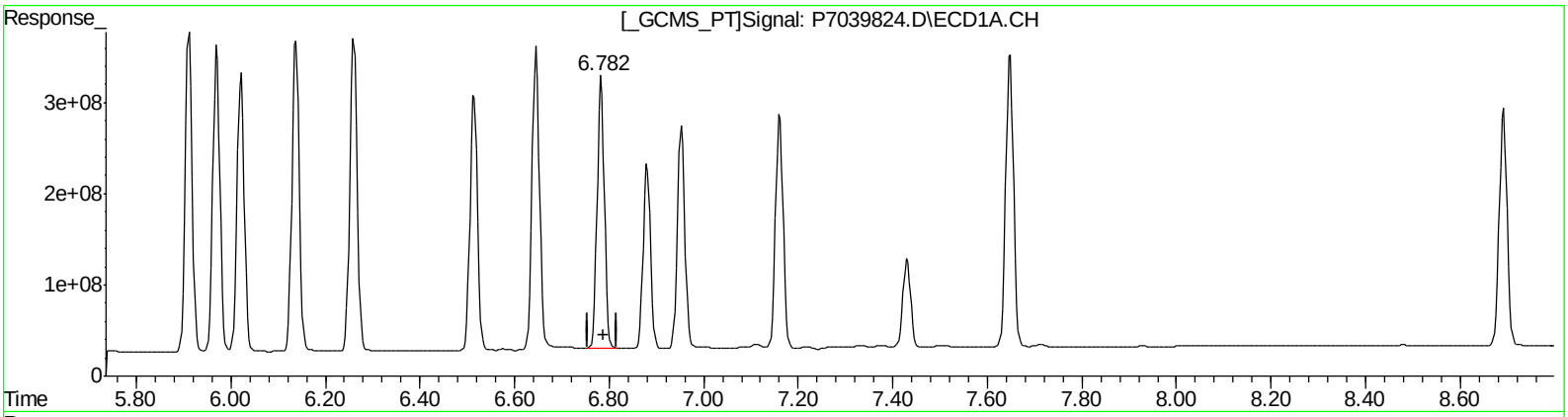
response 3725455308

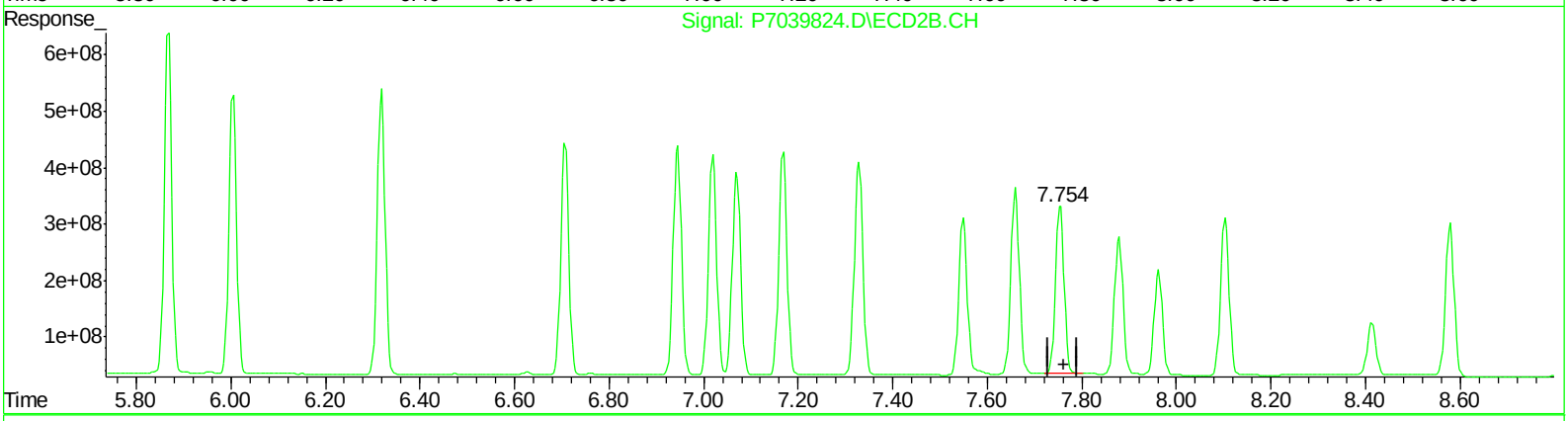
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)

6.782min 52.332 ng/ml m

response 3277471669

(15) Endosulfan II #2 (B)

7.755min 50.317 ng/ml

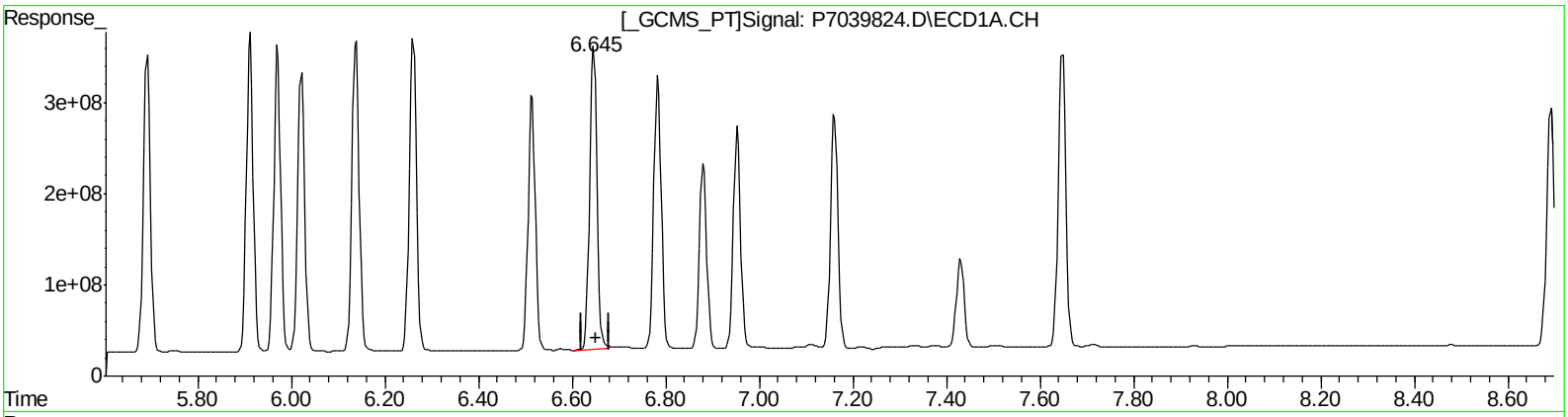
response 3725455308

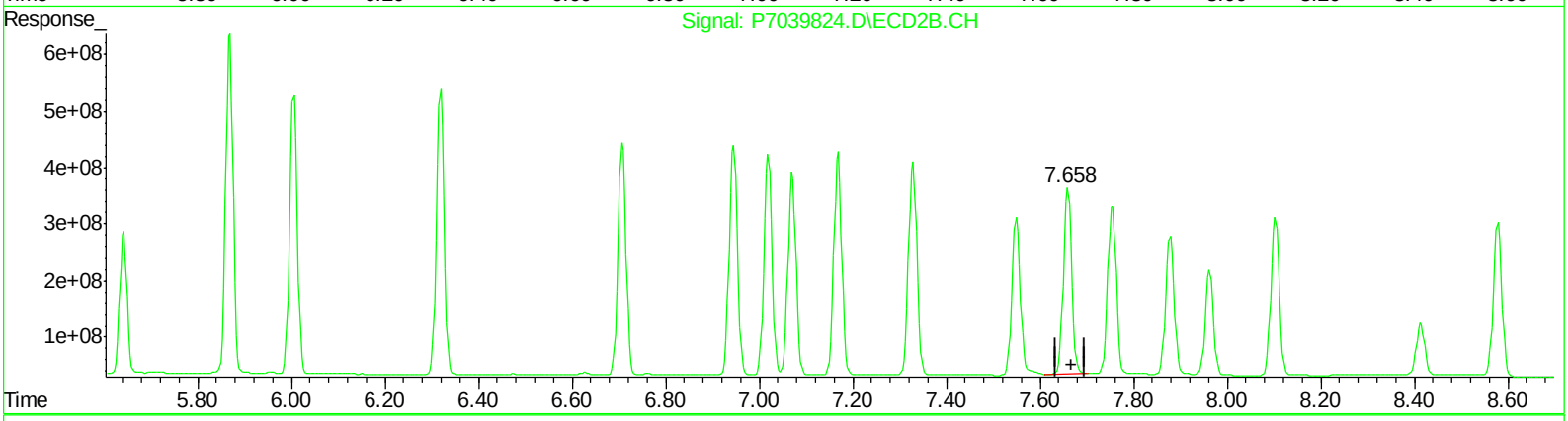
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.646min 60.665 ng/ml

response 3623352331

(16) 4,4'-DDD #2 (A)

7.660min 55.973 ng/ml

response 4061967801

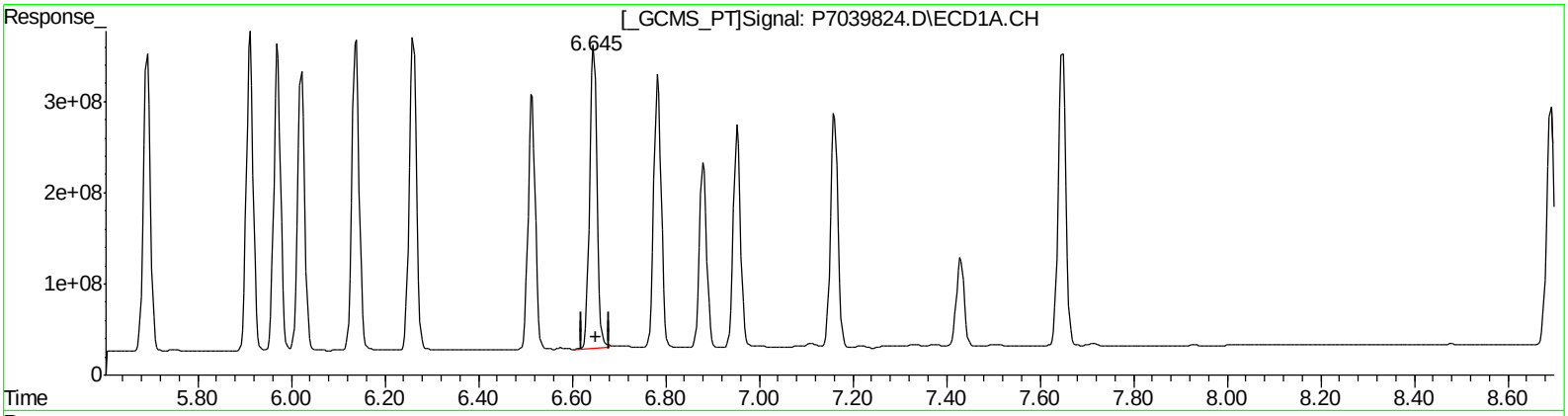
(+) = Expected Retention Time

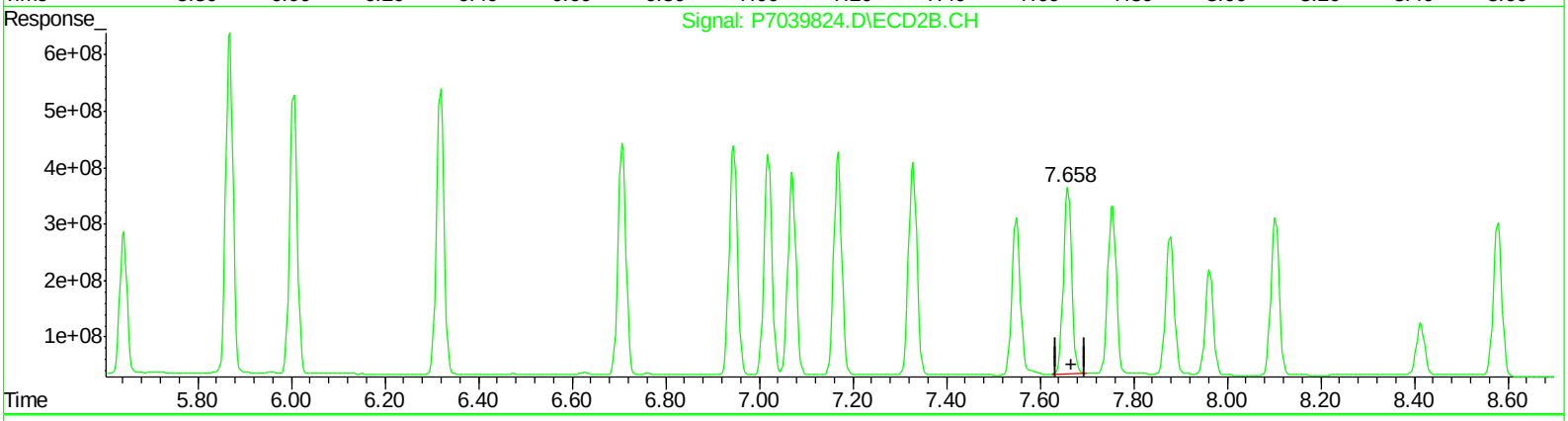
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.646min 60.665 ng/ml

response 3623352331

(16) 4,4'-DDD #2 (A)

7.658min 56.082 ng/ml m

response 4069867561

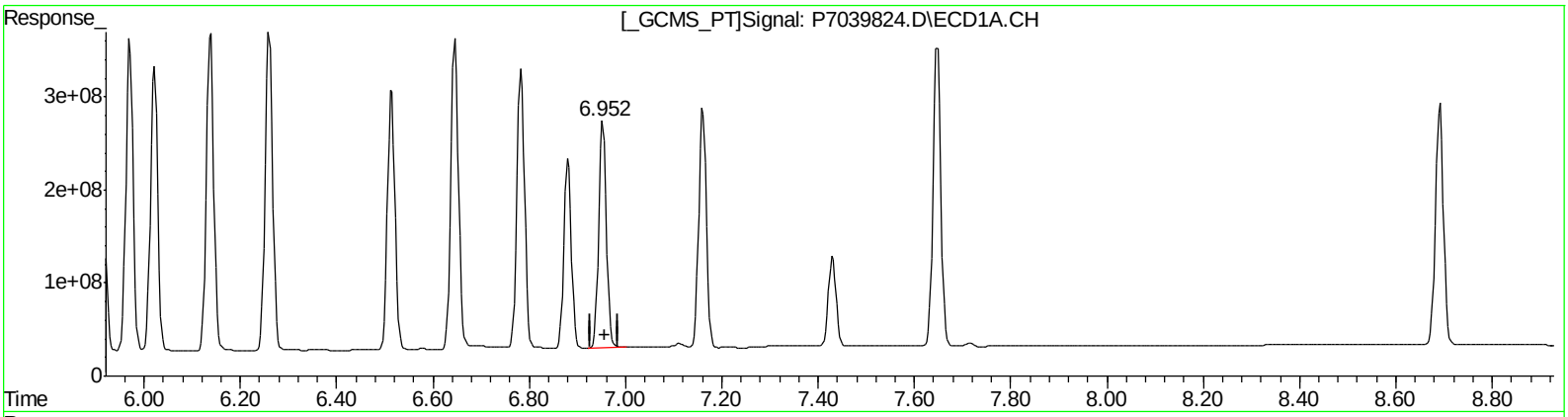
(+) = Expected Retention Time

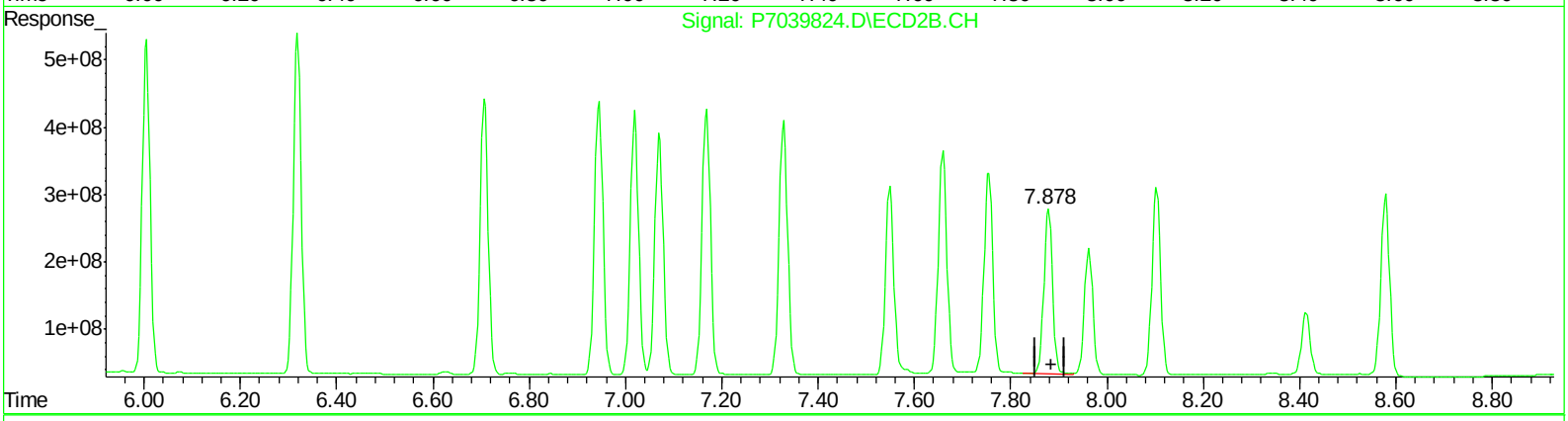
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)
6.953min 52.940 ng/ml
response 2668809281

(18) Endrin aldehyde #2 (B)
7.879min 50.645 ng/ml
response 3099450766

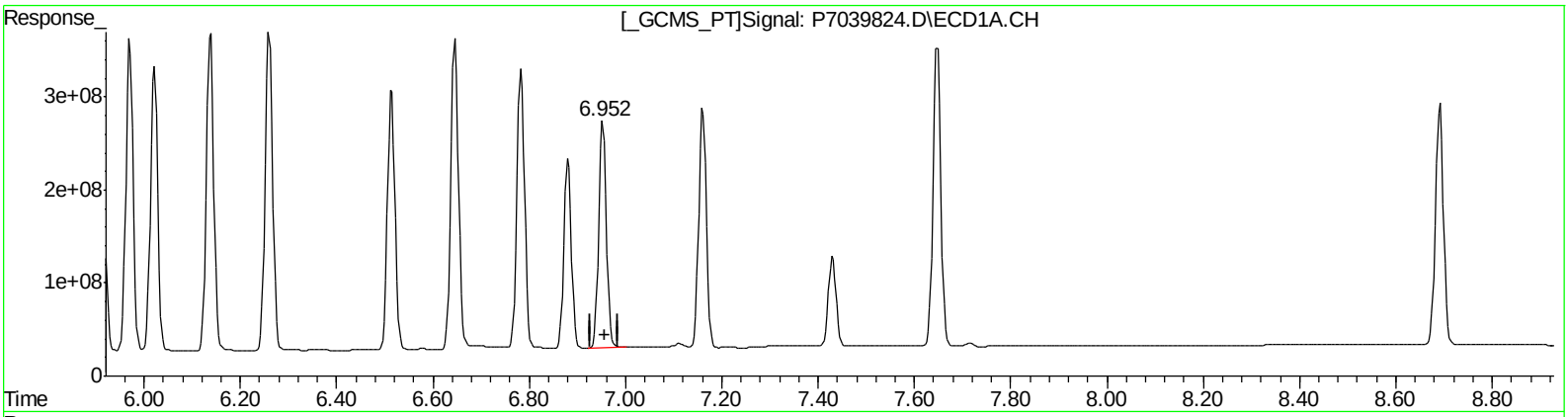
(+) = Expected Retention Time

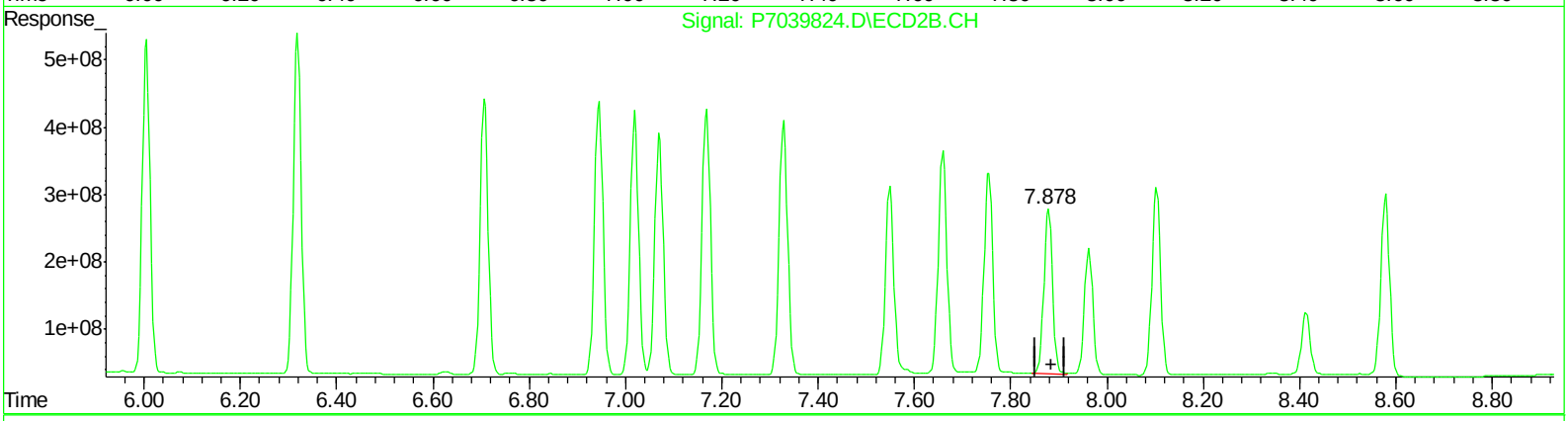
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.953min 52.940 ng/ml

response 2668809281

(18) Endrin aldehyde #2 (B)

7.878min 50.558 ng/ml m

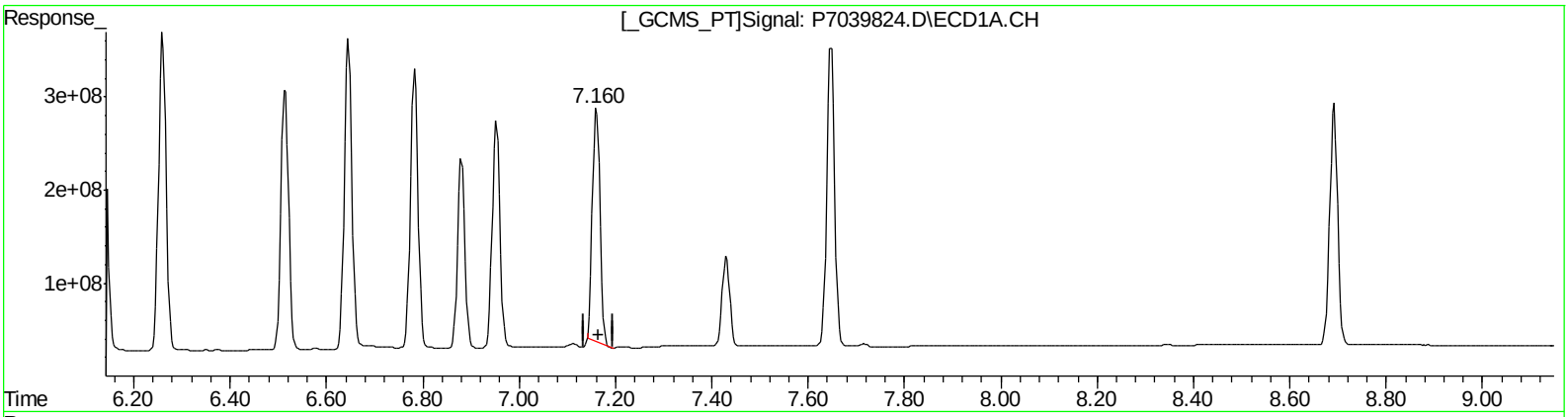
response 3094174602

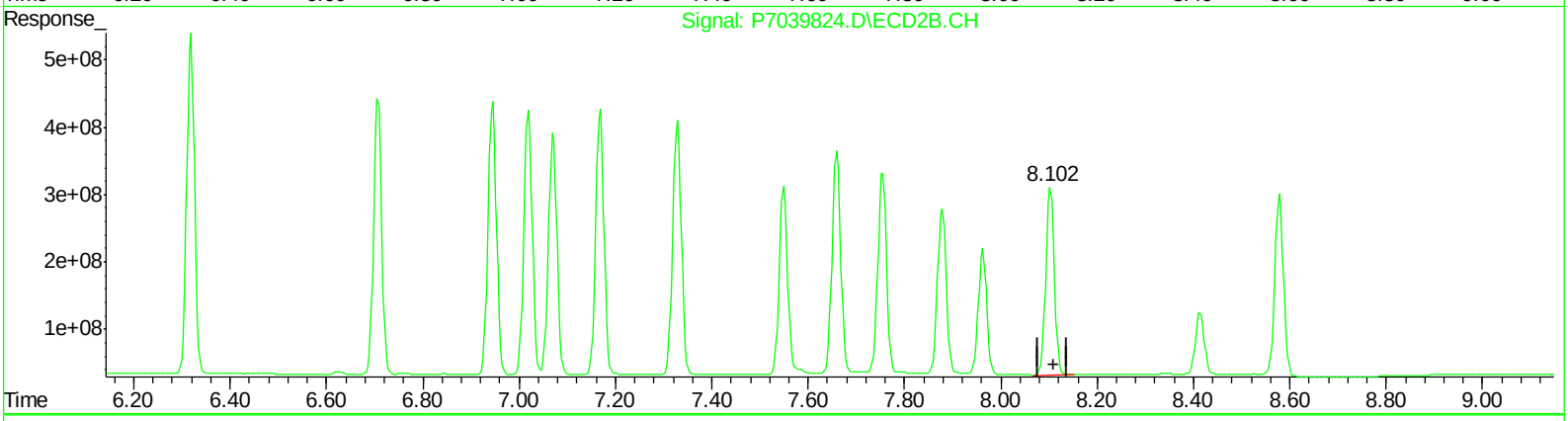
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.161min 58.286 ng/ml

response 2706281159

(19) Endosulfan Sulfate #2 (B)

8.103min 53.936 ng/ml

response 3499711422

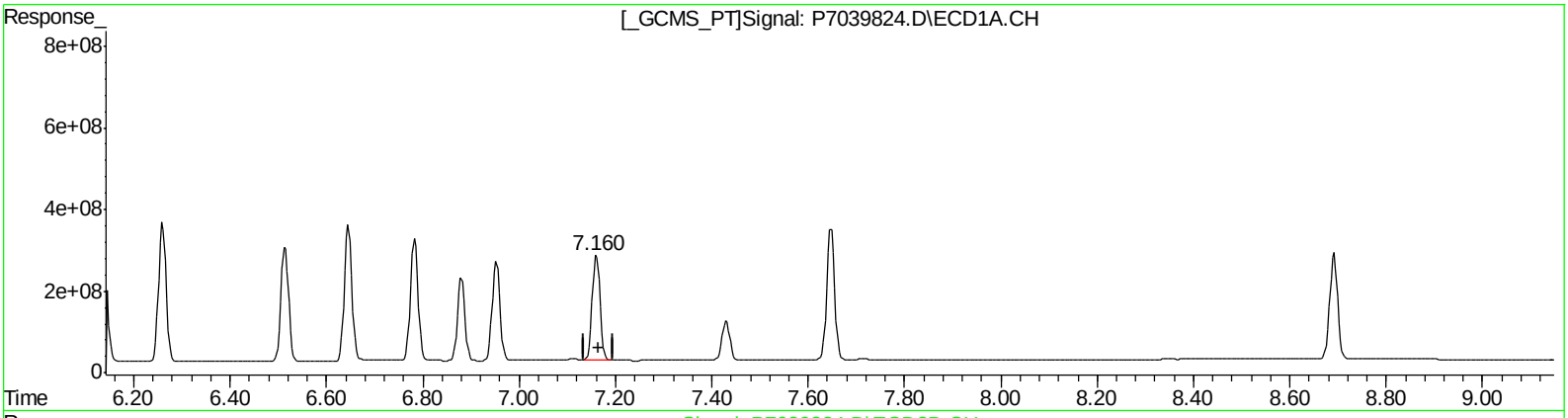
(+) = Expected Retention Time

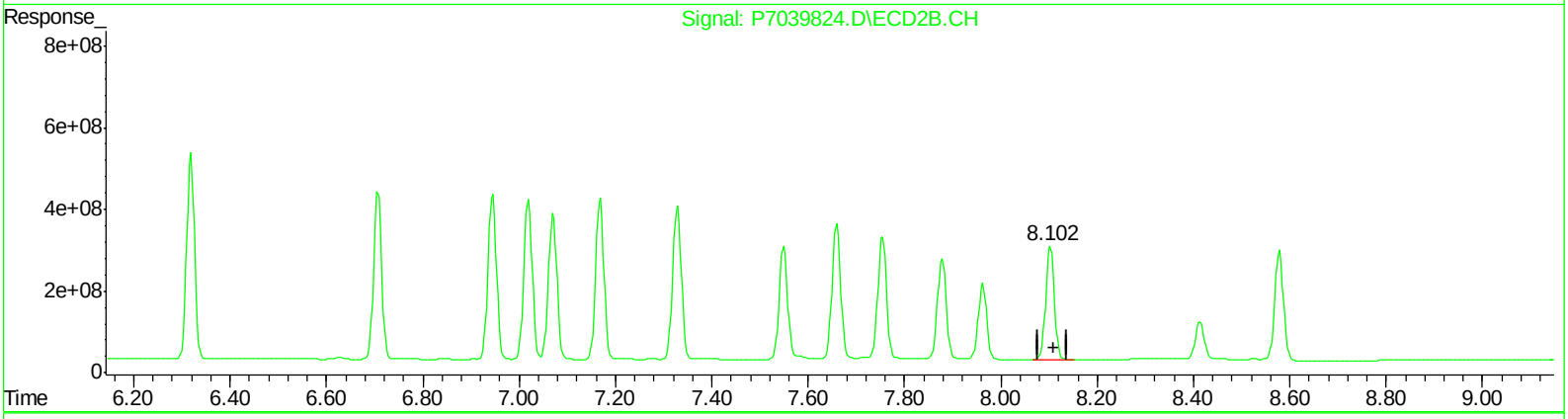
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.160min 61.617 ng/ml m

response 2860925713

(19) Endosulfan Sulfate #2 (B)

8.103min 53.936 ng/ml

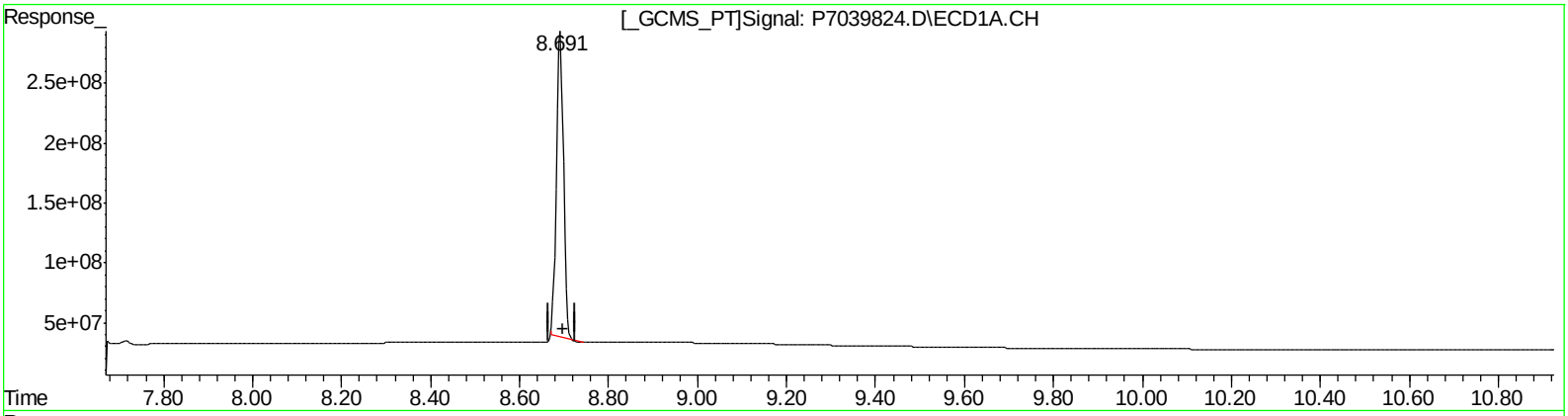
response 3499711422

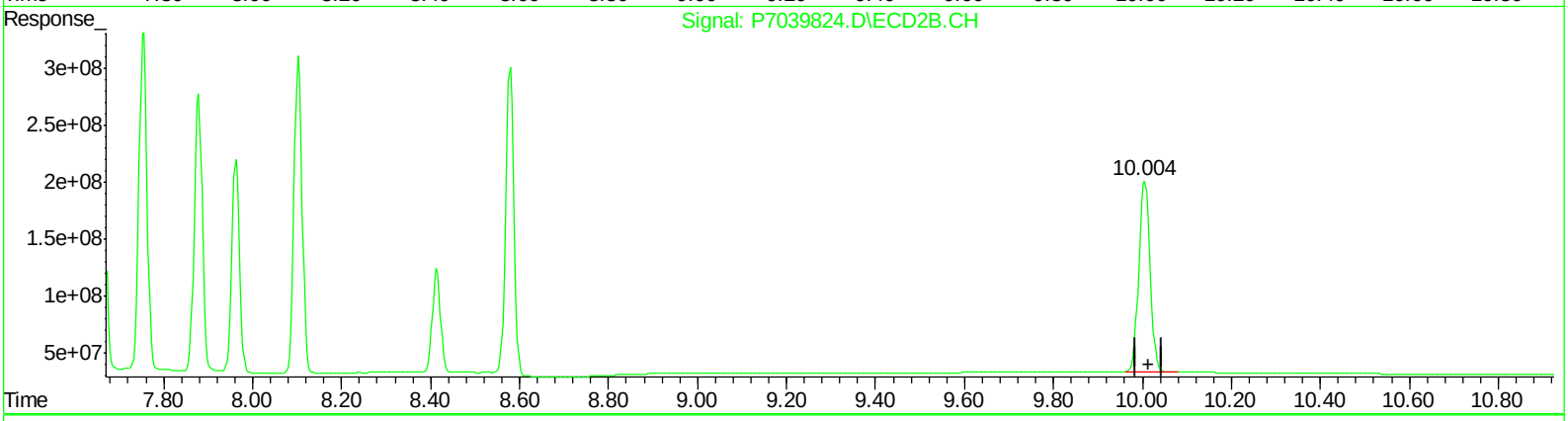
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 58.999 ng/ml

response 2835983379

(22) Decachlorobiphenyl #2 (SA)

10.006min 58.676 ng/ml

response 2966924883

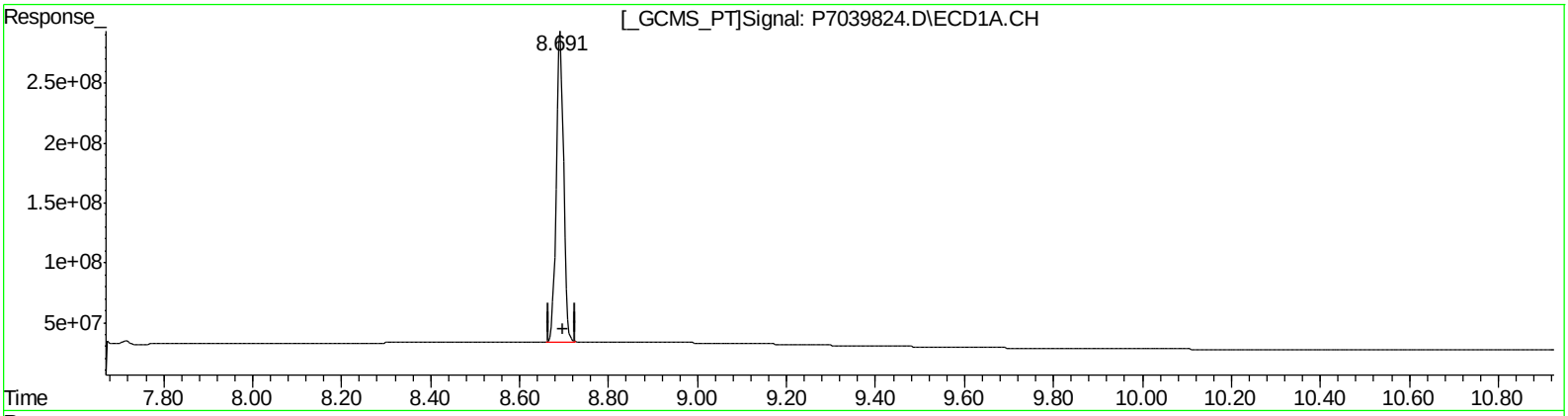
(+) = Expected Retention Time

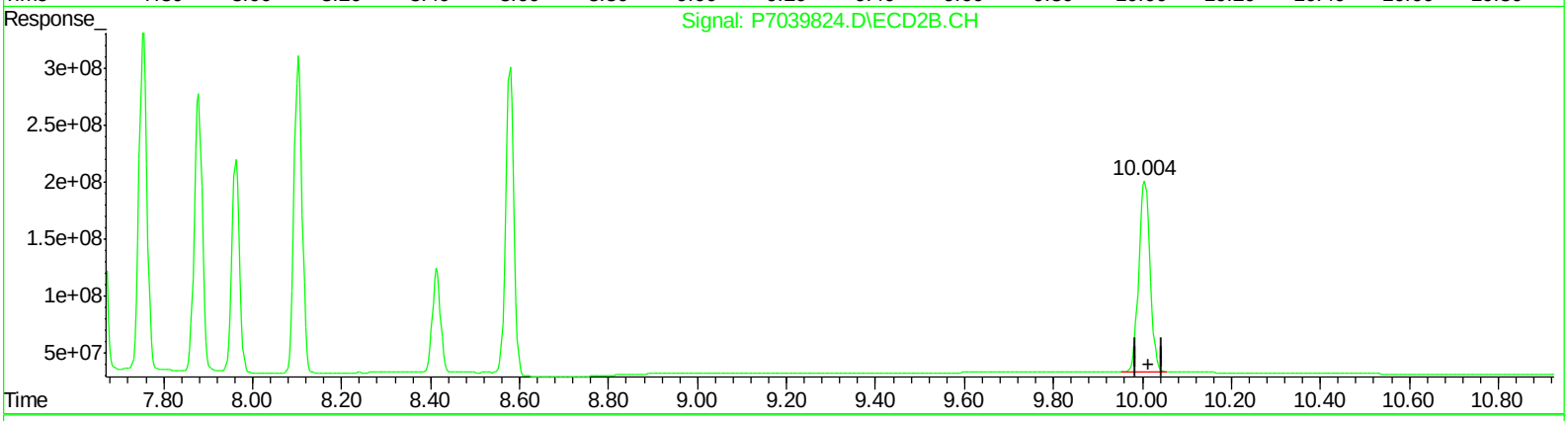
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:23
Operator : JJ
Sample   : STD 50
Misc   :
ALS Vial : 41   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:49 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 61.766 ng/ml m

response 2968998654

(22) Decachlorobiphenyl #2 (SA)

10.004min 58.639 ng/ml m

response 2965079503

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039824.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:23
Operator : JJ
Sample : STD 50
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:25:16 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.785	2556.8E6	4885.1E6	57.419	57.711
22)	SA Decachlor...	8.691	10.004	2969.0E6	2965.1E6	61.766m	58.639m
	Target Compounds						
2)	A alpha-BHC	4.447	5.183	4142.5E6	7590.8E6	55.074m	58.508m
3)	MA gamma-BHC...	4.728	5.475	4000.7E6	6876.4E6	58.368	60.660m
4)	MA Heptachlor	5.015	6.005	3390.4E6	5583.5E6	58.950	58.731
5)	MB Aldrin	5.255	6.319	3784.0E6	5775.4E6	55.329	55.516
6)	B beta-BHC	4.976	5.642	1518.0E6	2659.3E6	57.998	60.752
7)	B delta-BHC	5.174	5.867	3979.2E6	6570.2E6	58.577	59.654m
8)	B Heptachlo...	5.691	6.708	3329.9E6	4818.2E6	52.535m	52.010
9)	A Endosulfan I	6.022	7.071	3255.4E6	4410.8E6	52.535	51.785
10)	B gamma-Chl...	5.912	6.946	3636.8E6	4944.5E6	52.636	51.338
11)	B alpha-Chl...	5.971	7.020	3496.7E6	4689.6E6	52.137	51.025
12)	B 4,4'-DDE	6.137	7.169	3608.8E6	4753.7E6	53.818m	53.636
13)	MA Dieldrin	6.261	7.329	3719.3E6	4705.9E6	51.945	51.615
14)	MA Endrin	6.515	7.548	3062.3E6	3299.9E6	53.796	50.074m
15)	B Endosulfa...	6.782	7.755	3277.5E6	3725.5E6	52.332m	50.317
16)	A 4,4'-DDD	6.646	7.658	3623.4E6	4069.9E6	60.665	56.082m
17)	MA 4,4'-DDT	6.881	7.963	2186.9E6	2263.9E6	43.165	43.836
18)	B Endrin al...	6.953	7.878	2668.8E6	3094.2E6	52.940	50.558m
19)	B Endosulfa...	7.160	8.103	2860.9E6	3499.7E6	61.617m	53.936
20)	A Methoxychlor	7.431	8.414	1087.2E6	1152.9E6	44.314	43.075
21)	B Endrin ke...	7.648	8.579	3669.4E6	3409.6E6	58.866	56.788

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB
RAW QC
DATA

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43888BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43888BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039708.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

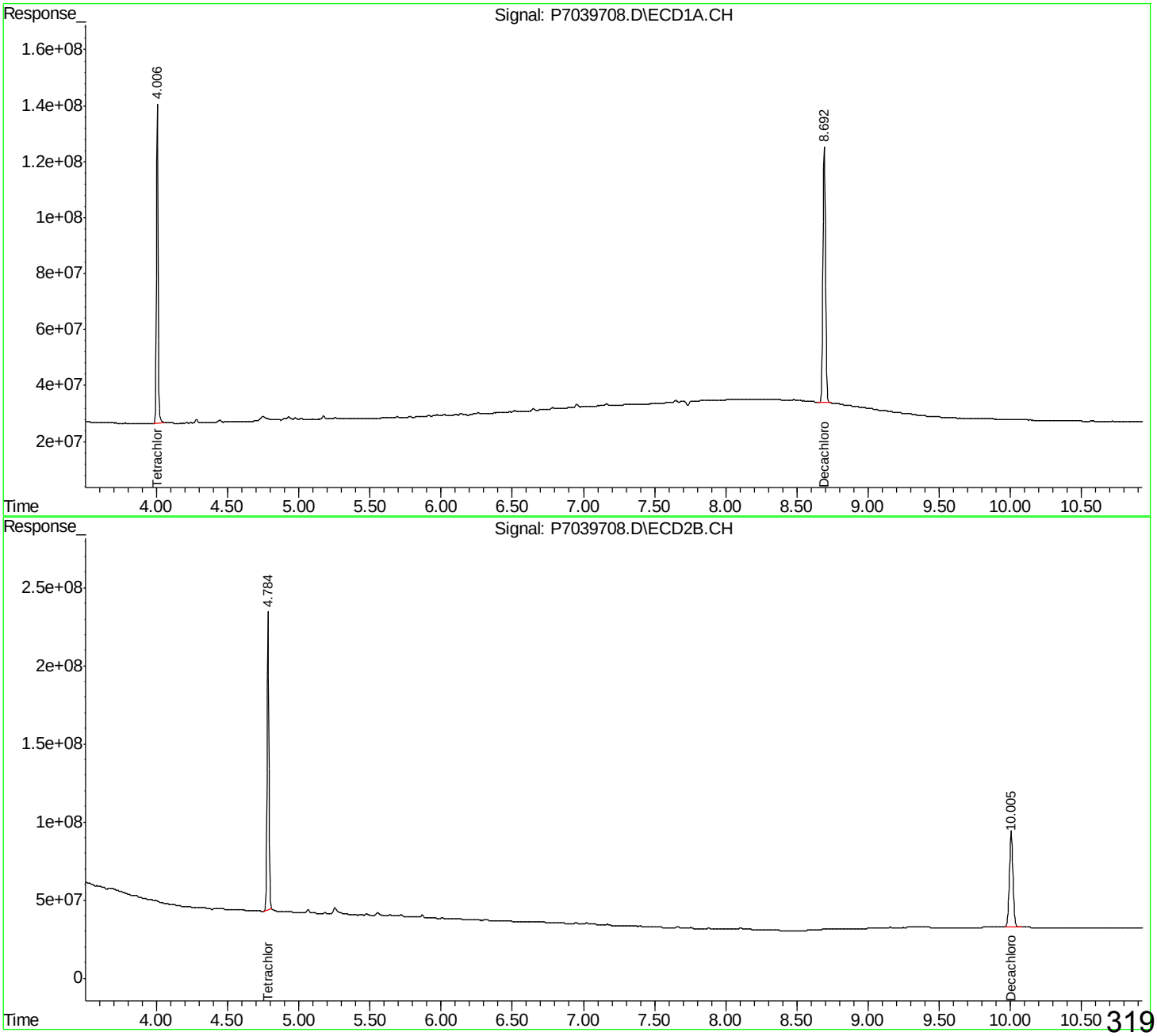
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:39
Operator : JJ
Sample : PB43888BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:32:37 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:39
Operator : JJ
Sample : PB43888BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:32:37 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.786	992.7E6	1921.4E6	22.295	22.699
22)	SA Decachlor...	8.693	10.007	1092.3E6	1103.1E6	22.723	21.816
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43893BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43893BL

Sample wt/vol: 15 (g/mL) g Lab File ID: P7039706.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

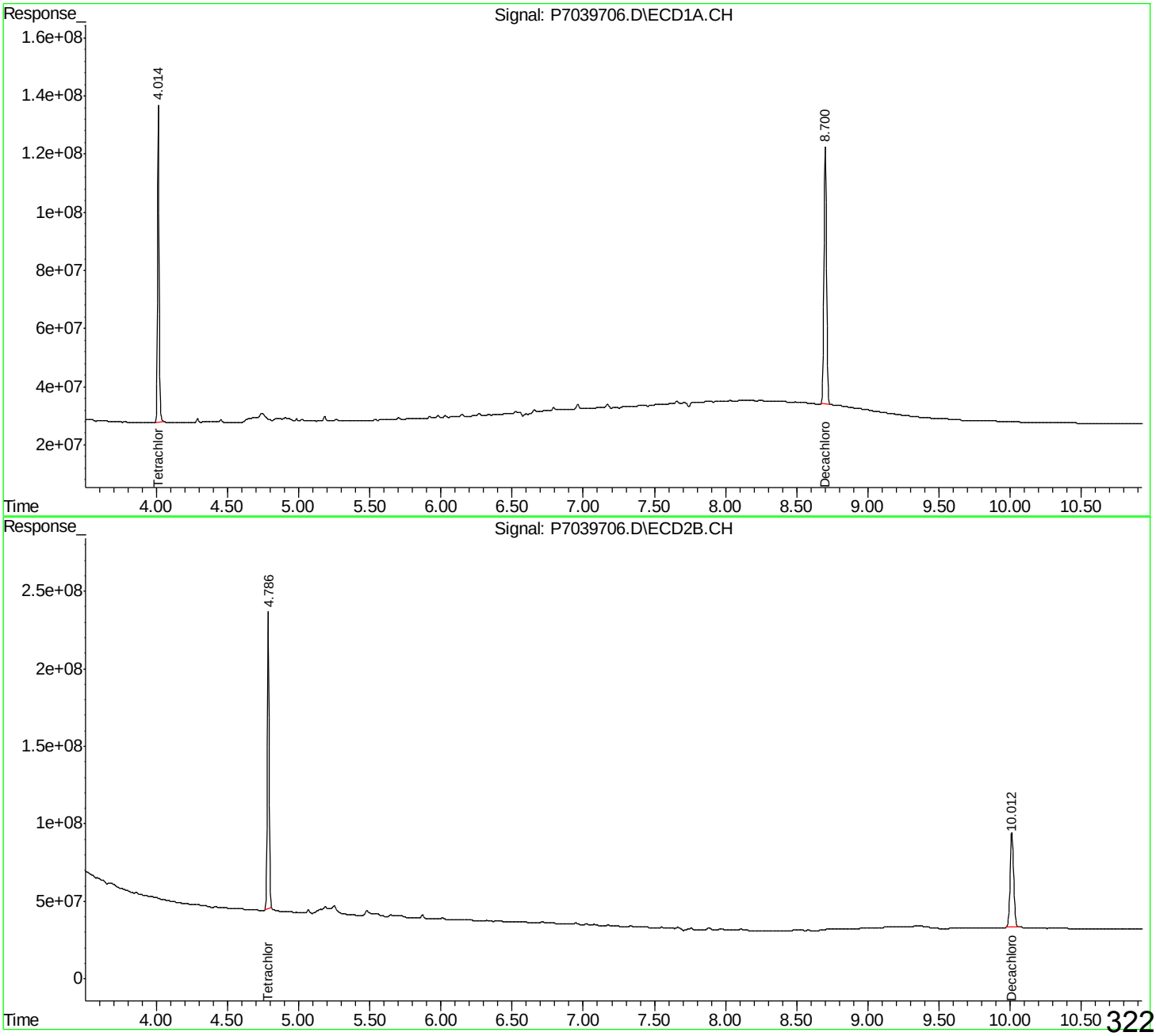
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	1.7	U
72-55-9	4,4'-DDE	1.7	U
72-20-8	Endrin	1.7	U
33213-65-9	Endosulfan II	1.7	U
72-54-8	4,4'-DDD	1.7	U
1031-07-8	Endosulfan sulfate	1.7	U
50-29-3	4,4'-DDT	1.7	U
72-43-5	Methoxychlor	1.7	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	1.7	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	17	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:11
Operator : JJ
Sample : PB43893BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:08:06 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

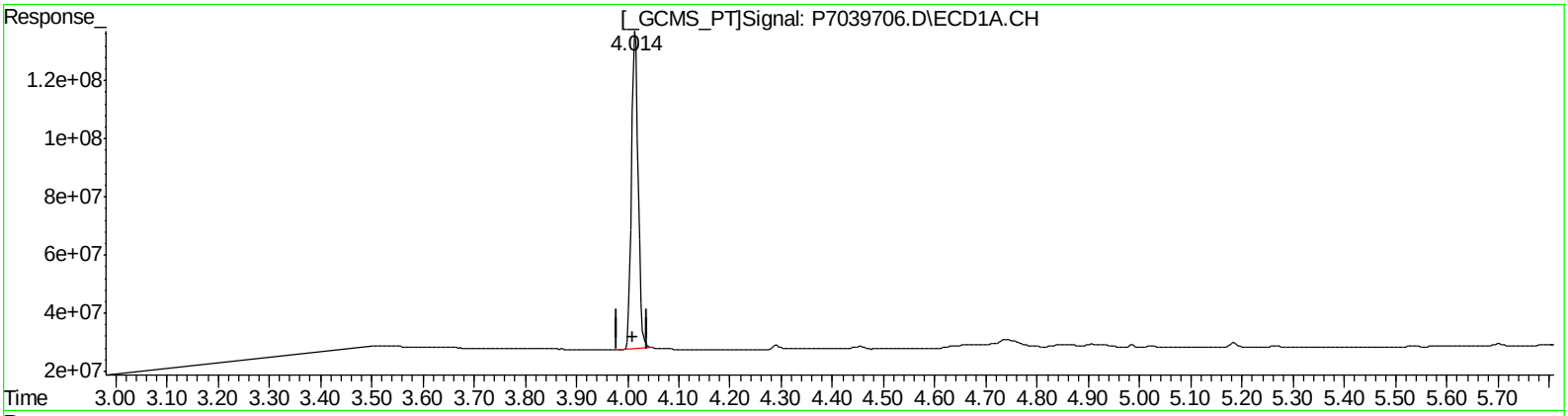


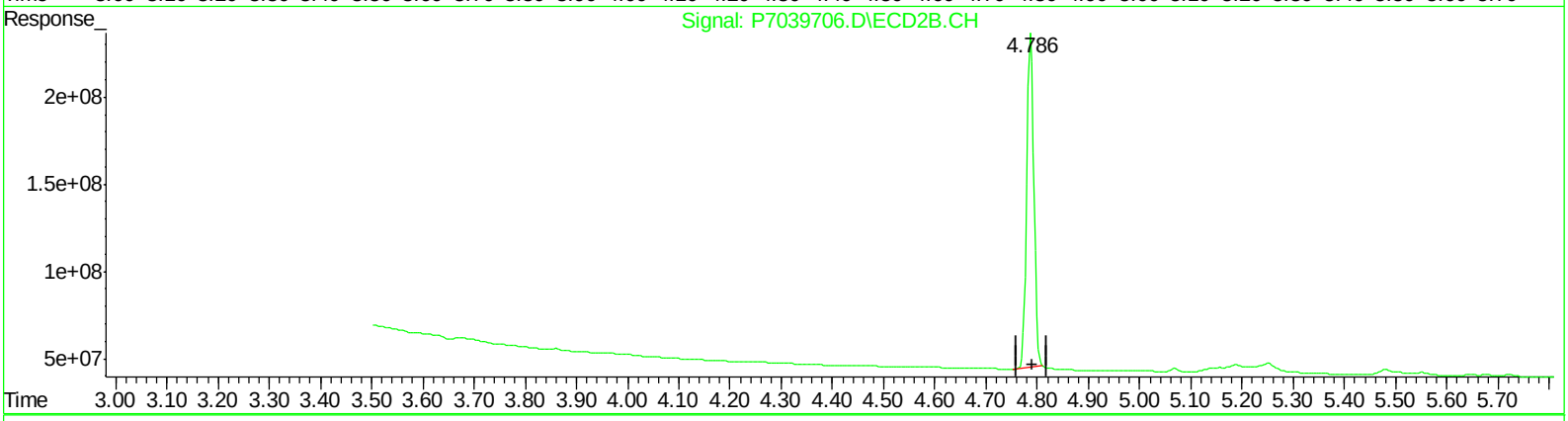
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:11
Operator : JJ
Sample   : PB43893BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 22:52:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.015min 21.955 ng/ml

response 977614216

(1) Tetrachloro-m-xylene #2 (SA)

4.788min 22.248 ng/ml

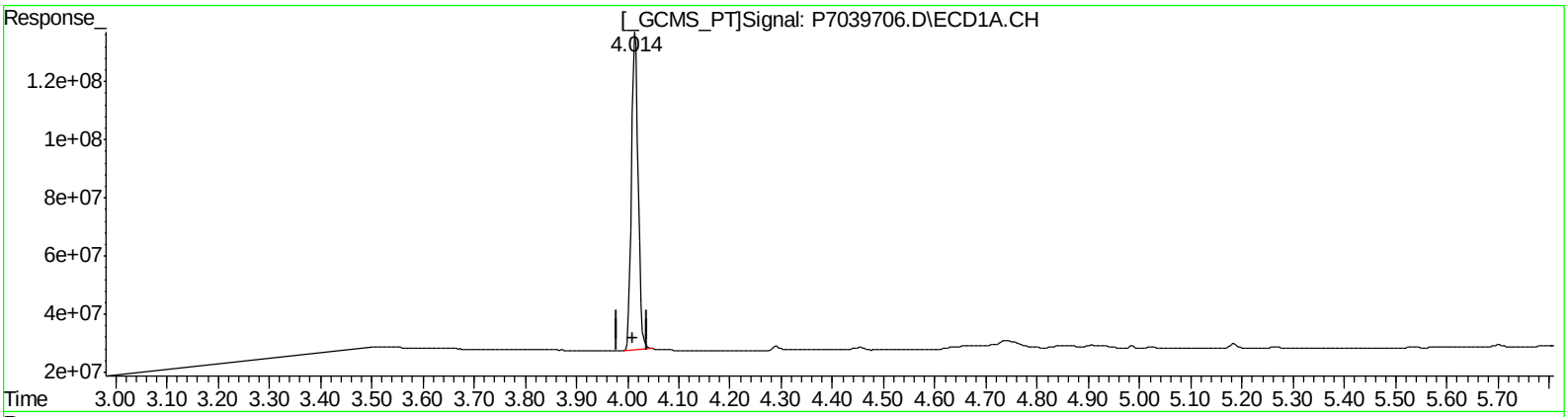
response 1883203186

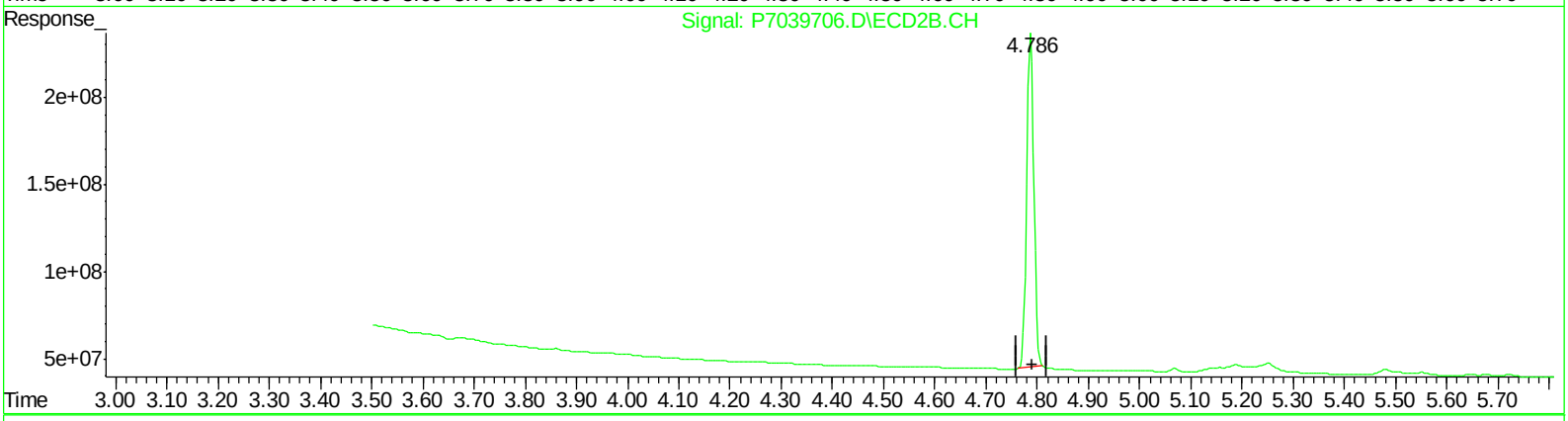
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:11
Operator : JJ
Sample   : PB43893BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 22:52:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.014min 21.921 ng/ml m

response 976088112

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 22.248 ng/ml m

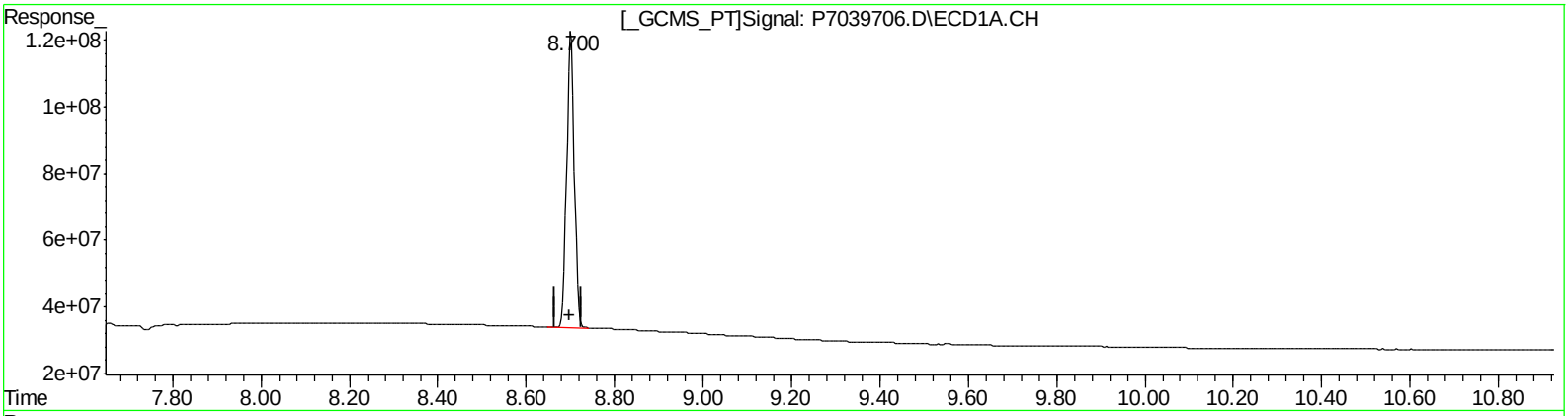
response 1883211023

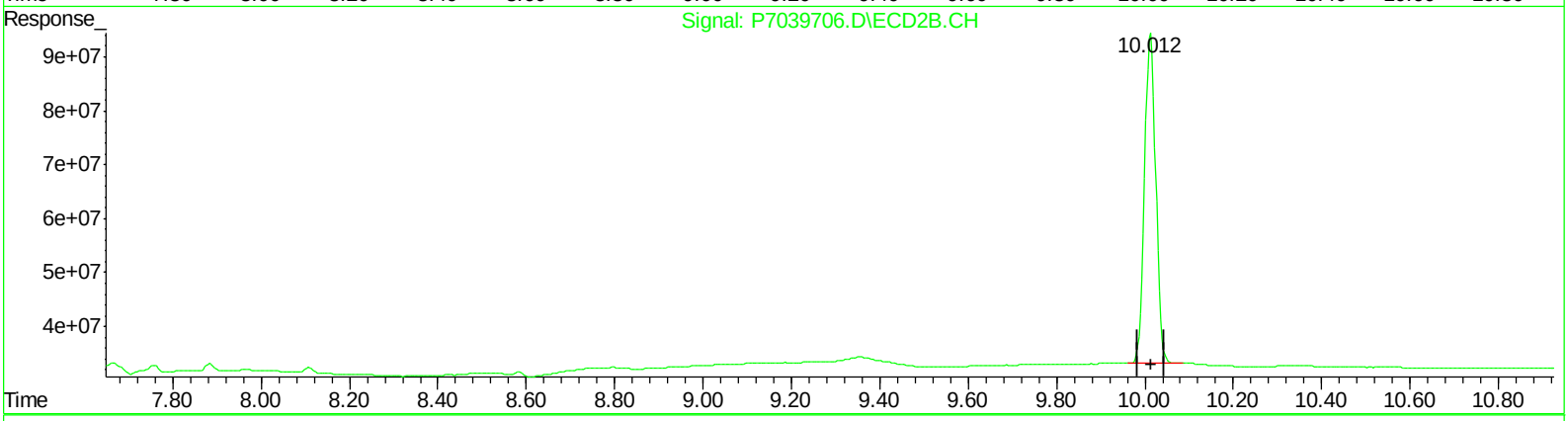
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:11
Operator : JJ
Sample   : PB43893BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 22:52:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.702min 22.141 ng/ml

response 1064293499

(22) Decachlorobiphenyl #2 (SA)

10.013min 21.461 ng/ml

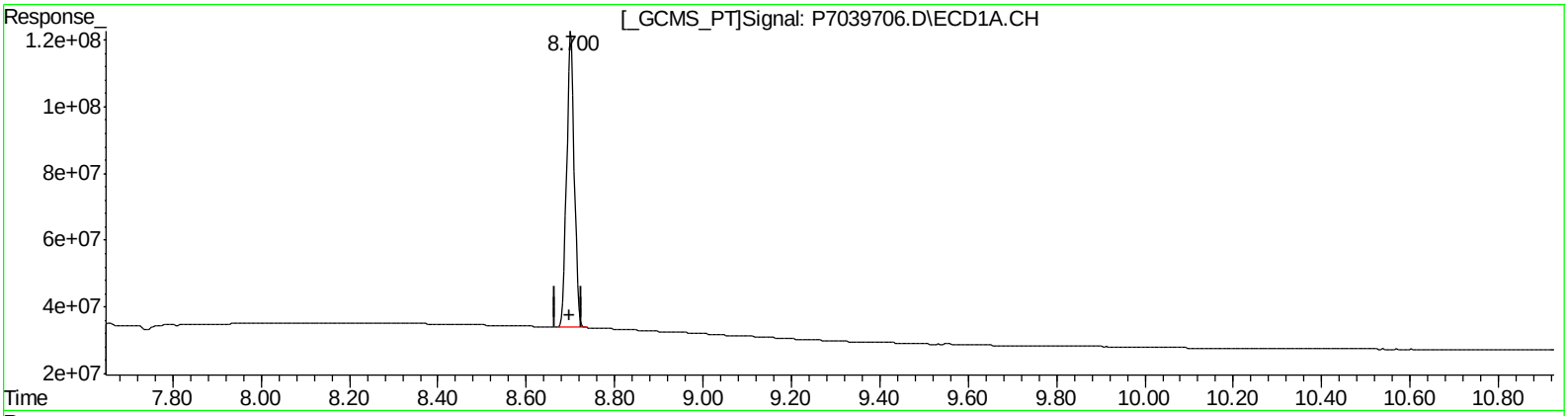
response 1085181598

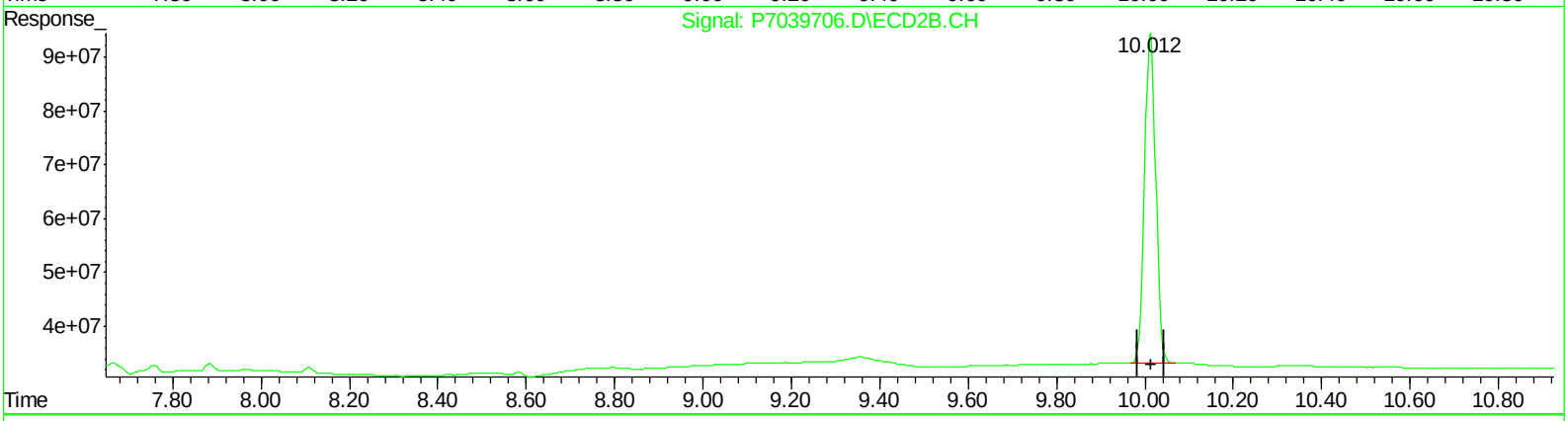
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:11
Operator : JJ
Sample   : PB43893BL
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:04:06 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.700min 22.084 ng/ml m

response 1061561635

(22) Decachlorobiphenyl #2 (SA)

10.012min 21.413 ng/ml m

response 1082741109

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:11
Operator : JJ
Sample : PB43893BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:08:06 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.014	4.786	977.7E6	1883.8E6	21.958m	22.255m
22)	SA Decachlor...	8.700	10.012	1057.4E6	1079.4E6	21.997m	21.346m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK01

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7038821.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 7/17/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

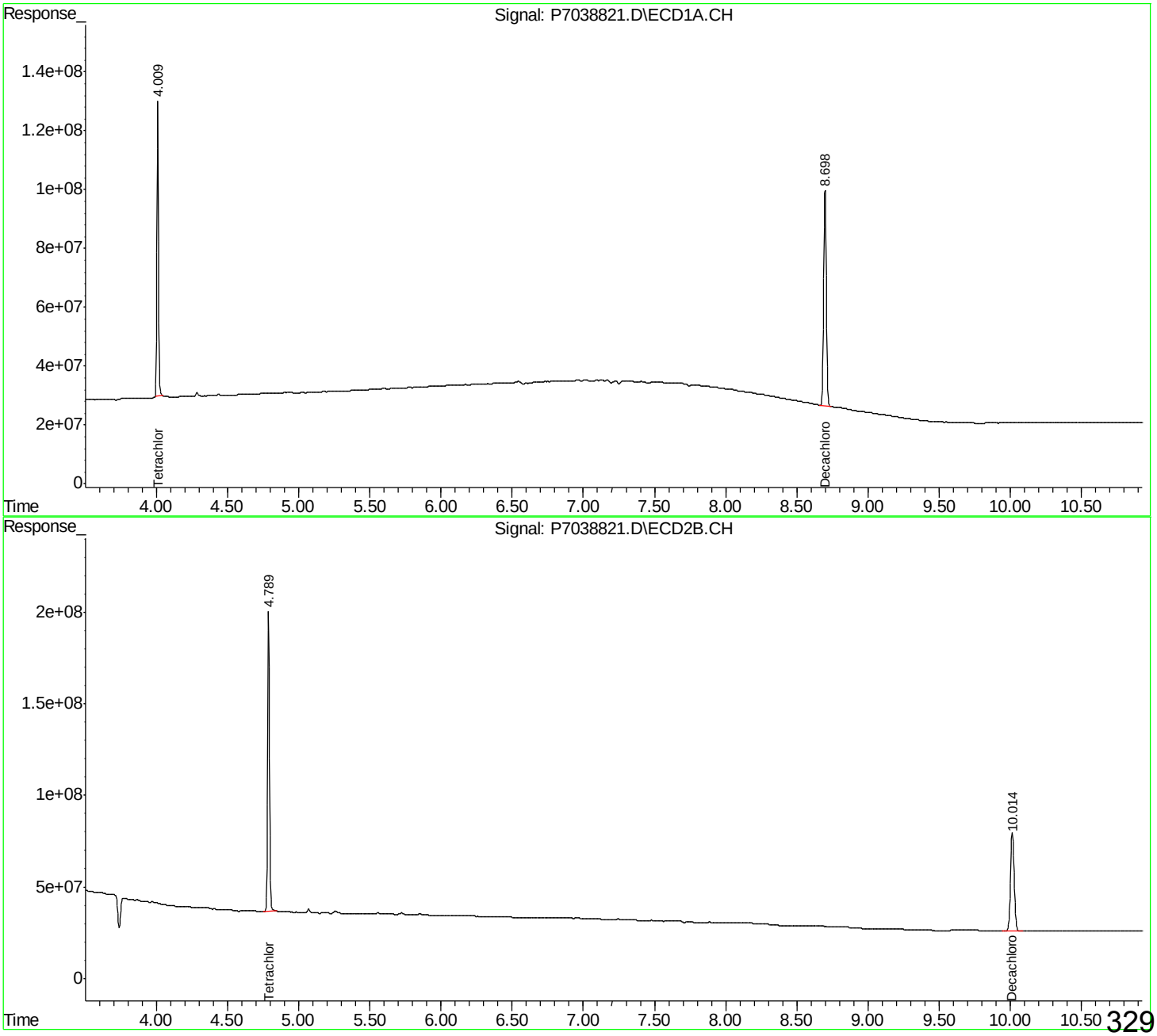
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038821.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:23
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:30:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7071709\
Data File : P7038821.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2009 12:23
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 14:30:23 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.011	4.790	870.2E6	1612.1E6	19.543	19.045
22)	SA Decachlor...	8.699	10.015	902.8E6	977.0E6	18.781	19.322
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK02

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039704.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

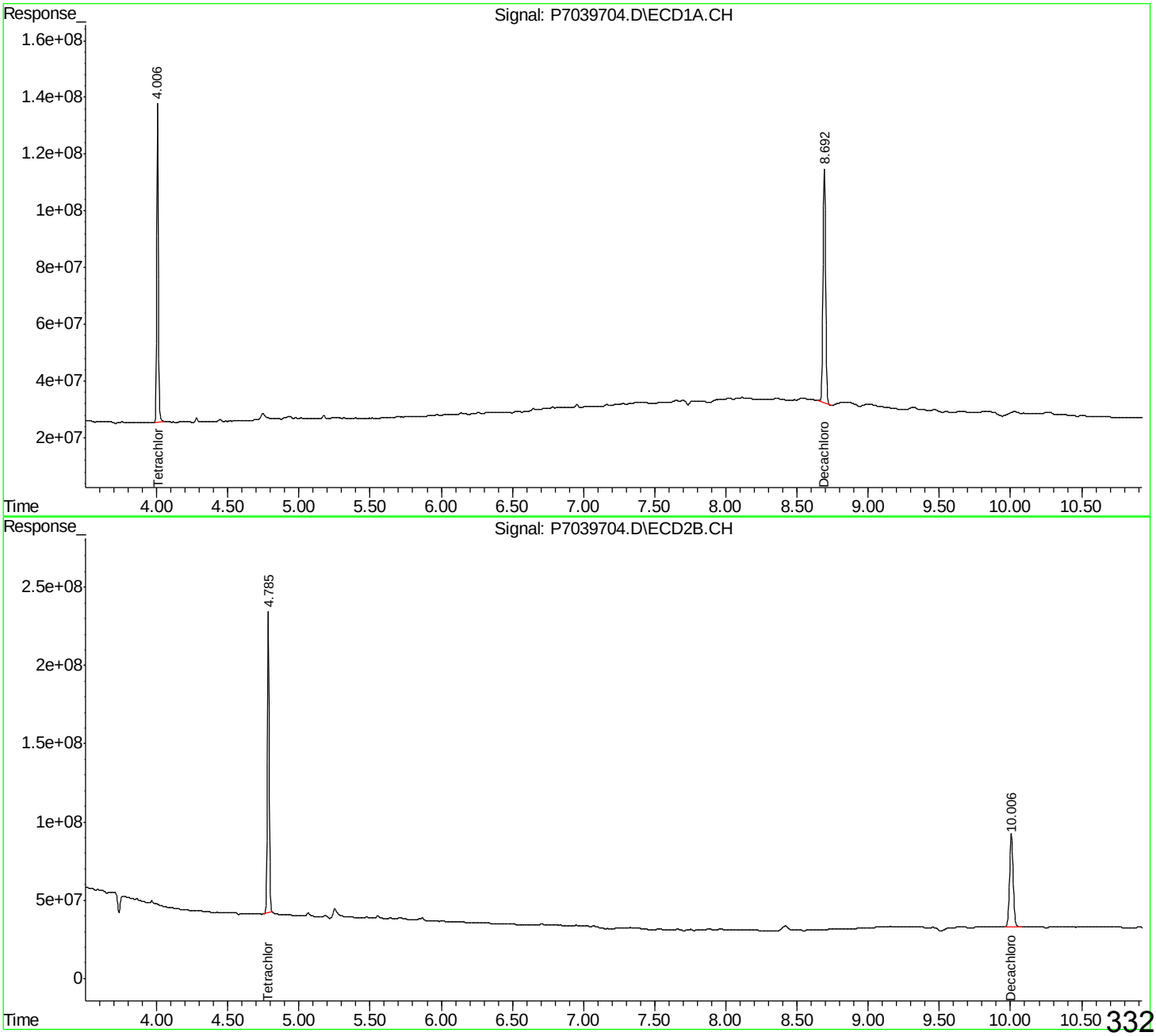
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039704.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 13:24
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:05:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039704.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 13:24
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 14:05:30 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	991.3E6	1895.3E6	22.262	22.390
22)	SA Decachlor...	8.693	10.007	999.8E6	1071.0E6	20.800	21.180
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK03

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039712.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

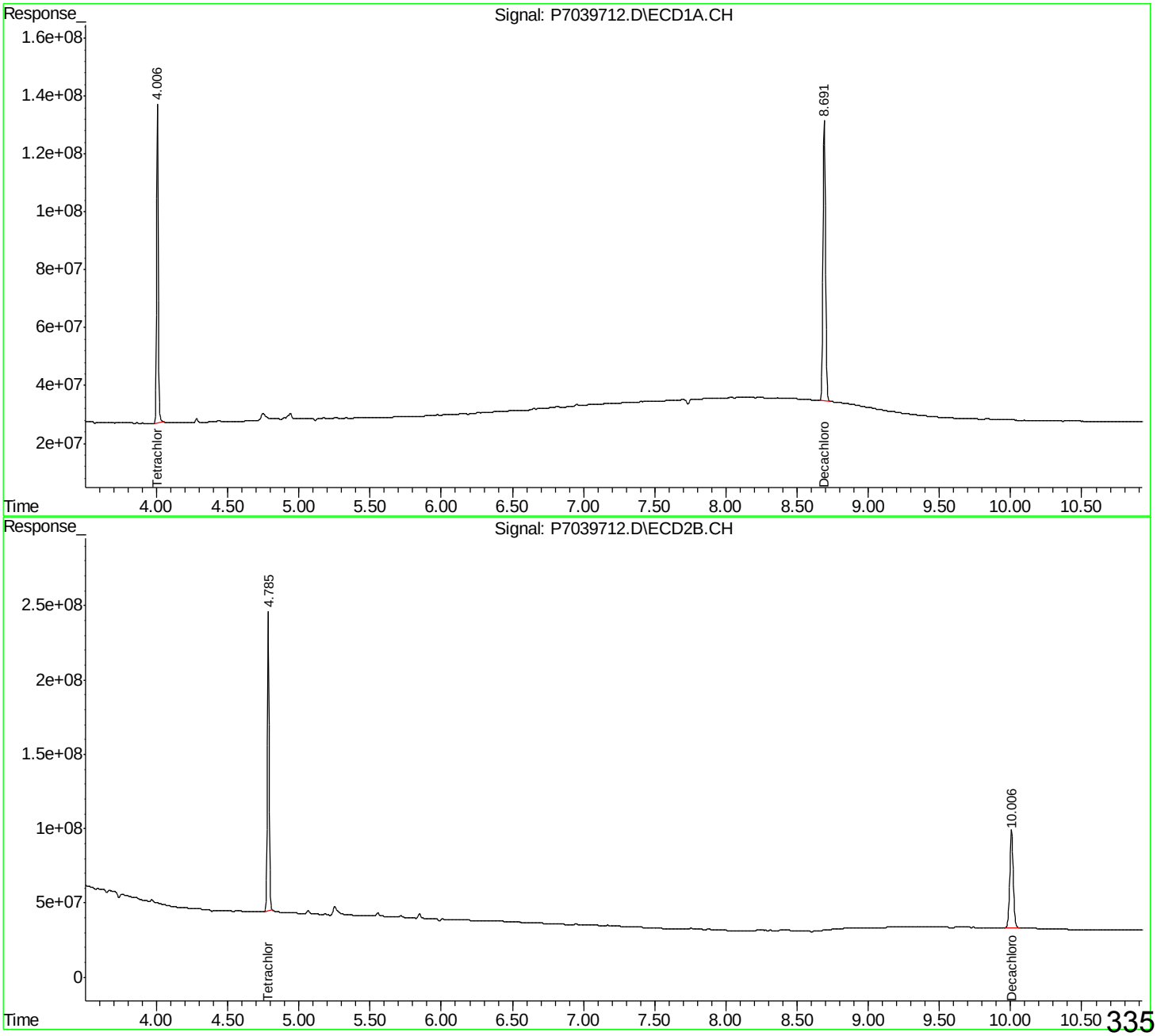
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:36
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:23:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

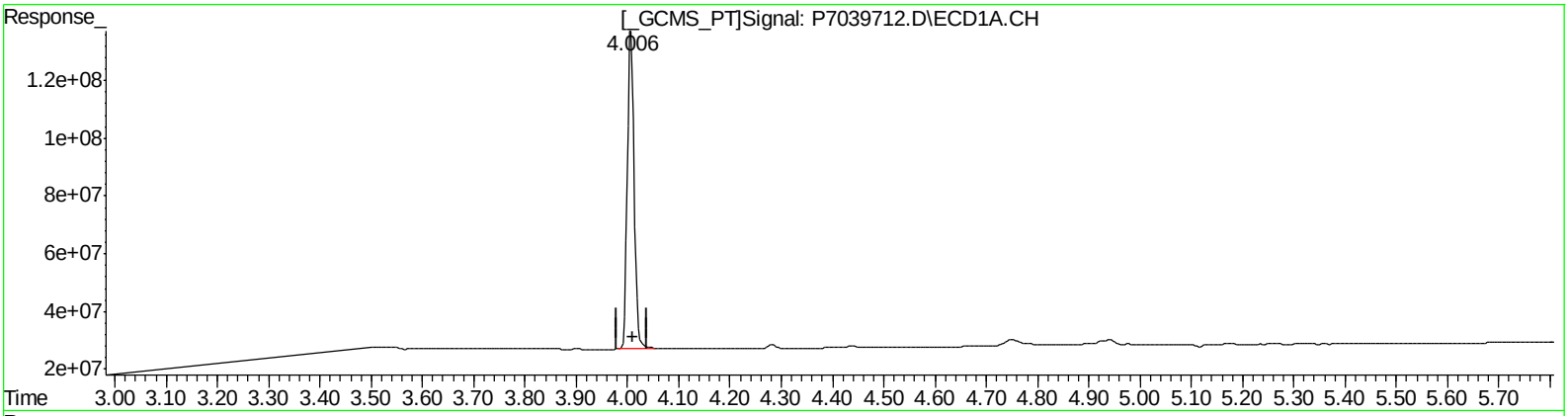


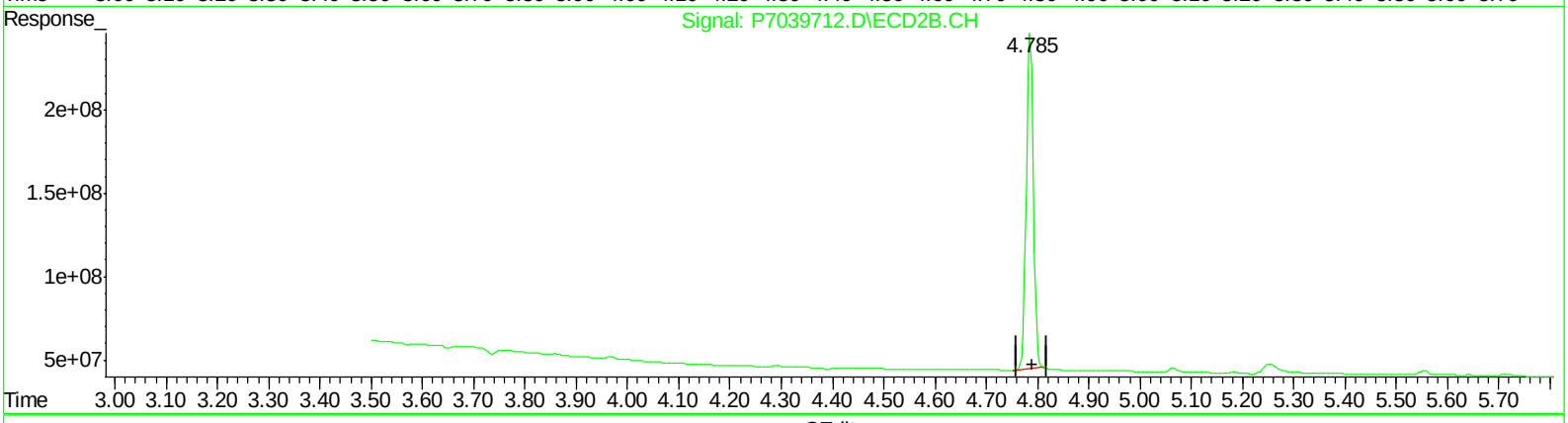
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:36
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 21   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:21:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 22.564 ng/ml

response 1004720143

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 23.150 ng/ml

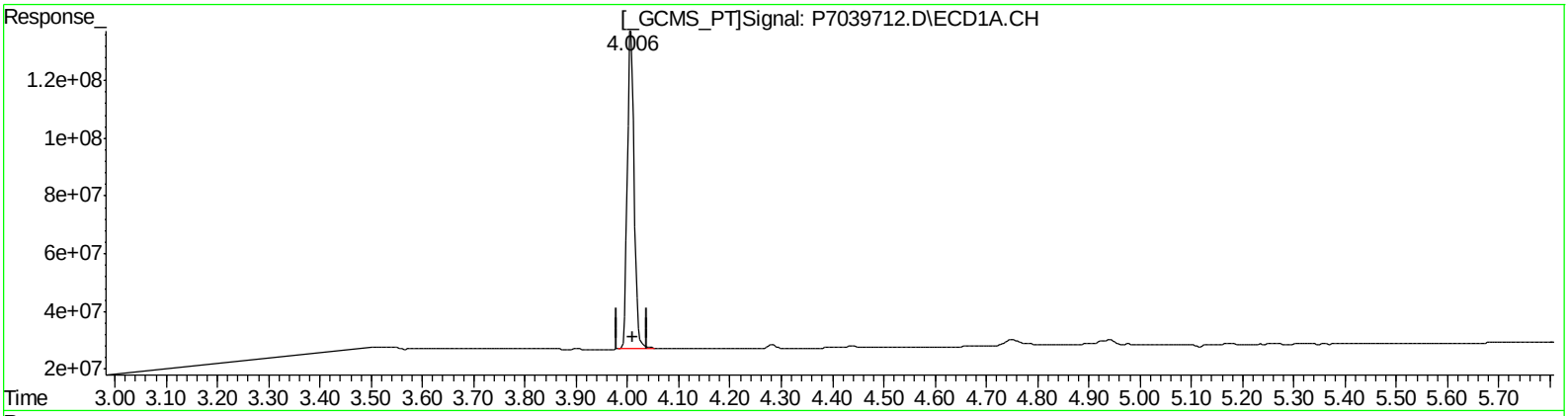
response 1959555722

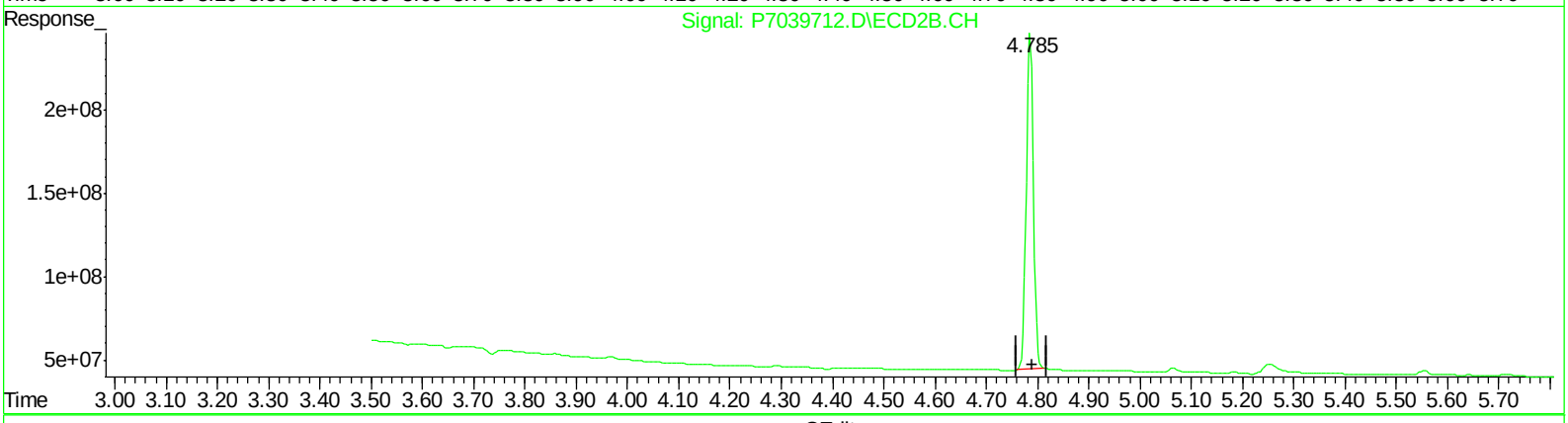
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:36
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 21   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:21:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 22.564 ng/ml

response 1004720143

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 23.155 ng/ml m

response 1959956037

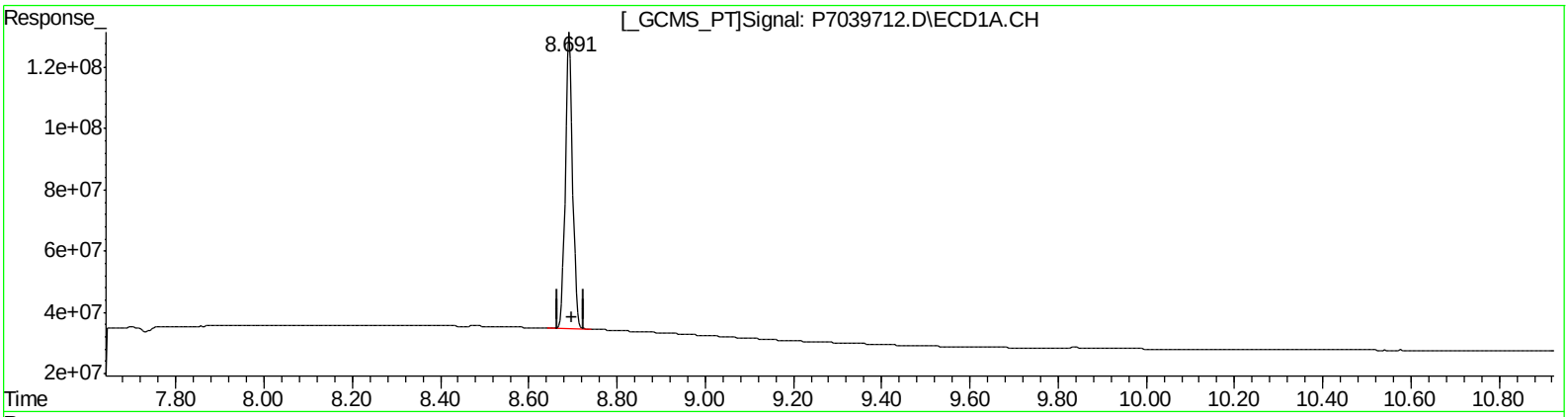
(+) = Expected Retention Time

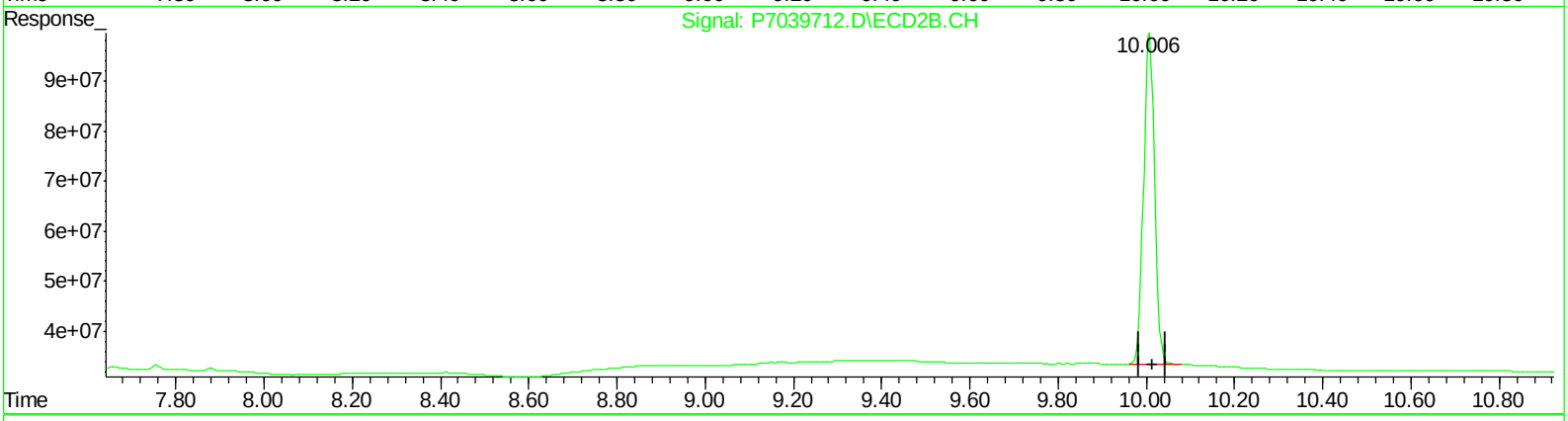
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:36
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 21   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:21:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 23.726 ng/ml

response 1140452418

(22) Decachlorobiphenyl #2 (SA)

10.008min 22.649 ng/ml

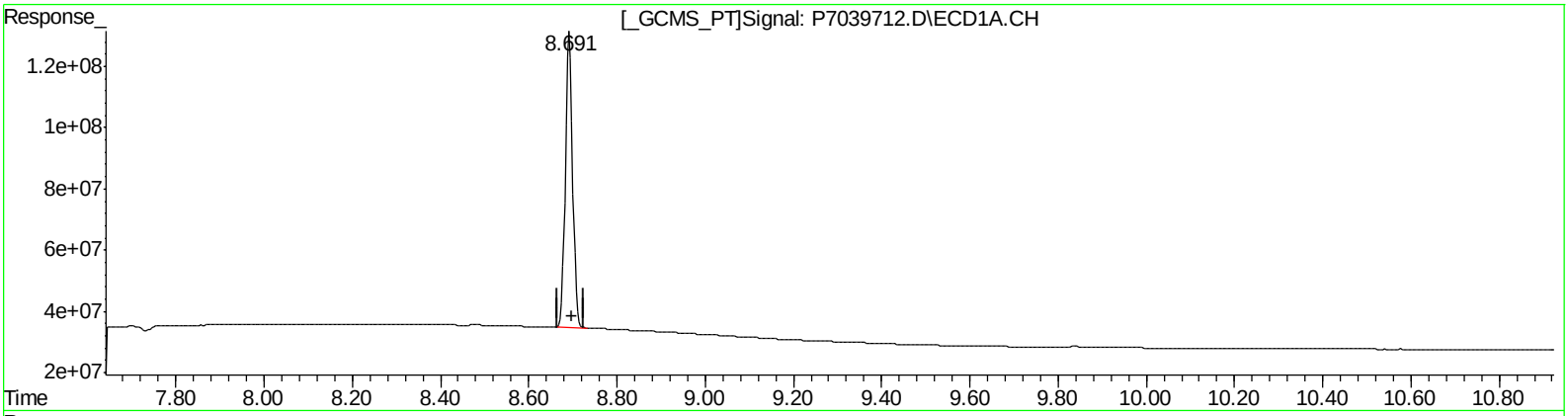
response 1145228844

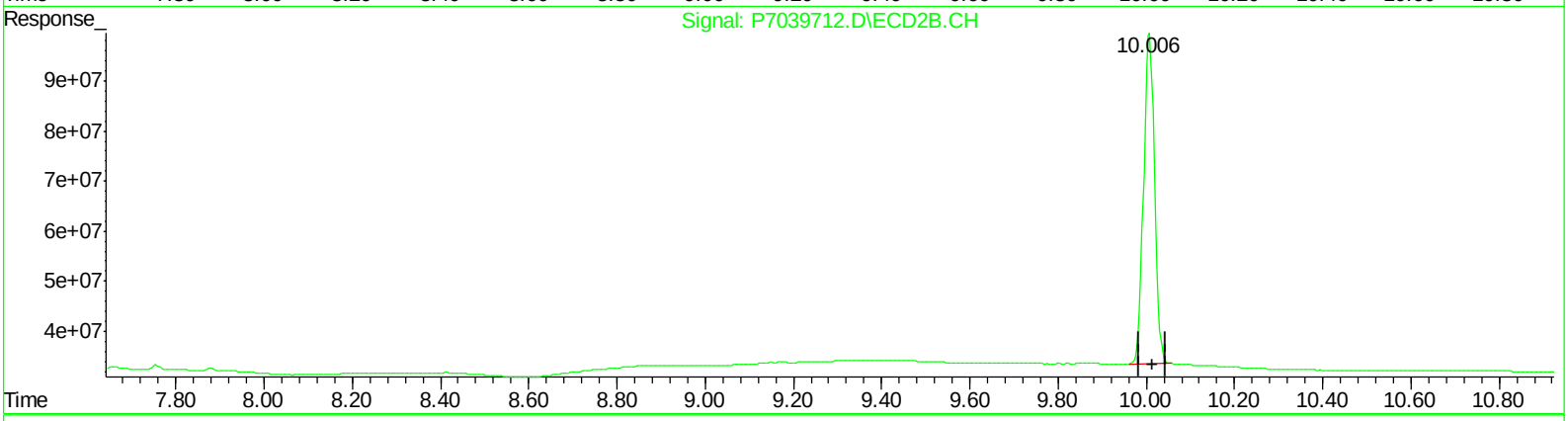
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:36
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 21   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:21:00 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 23.597 ng/ml m

response 1134271987

(22) Decachlorobiphenyl #2 (SA)

10.006min 22.546 ng/ml m

response 1140018709

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039712.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:36
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:23:17 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	1004.7E6	1960.0E6	22.564	23.155m
22)	SA Decachlor...	8.691	10.006	1134.3E6	1140.0E6	23.597m	22.546m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK04

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039746.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

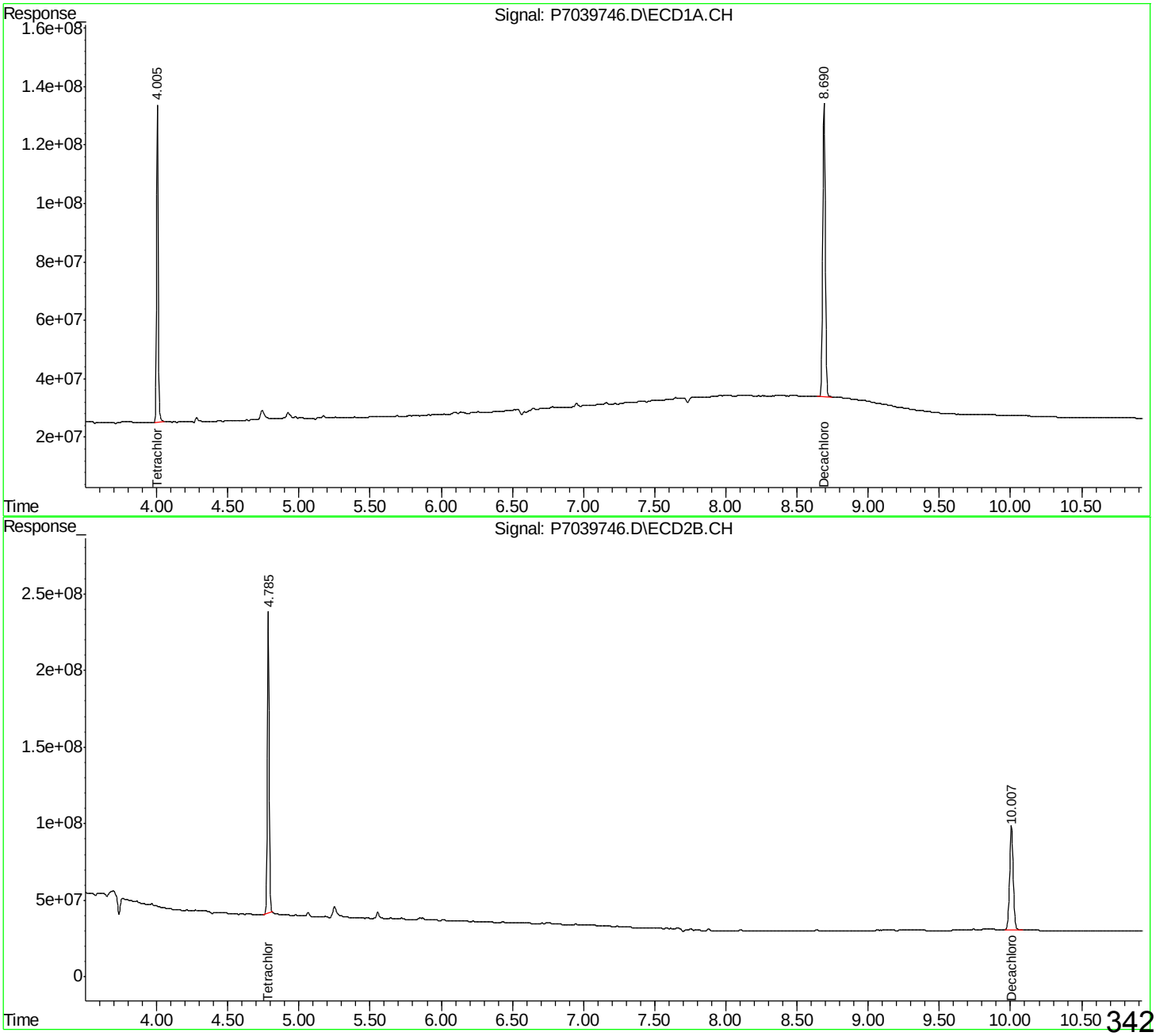
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 10:32
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:54:08 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039746.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 10:32
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 11:54:08 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.786	984.8E6	1933.1E6	22.116	22.838
22)	SA Decachlor...	8.691	10.008	1194.1E6	1215.3E6	24.841	24.035
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK05

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039760.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

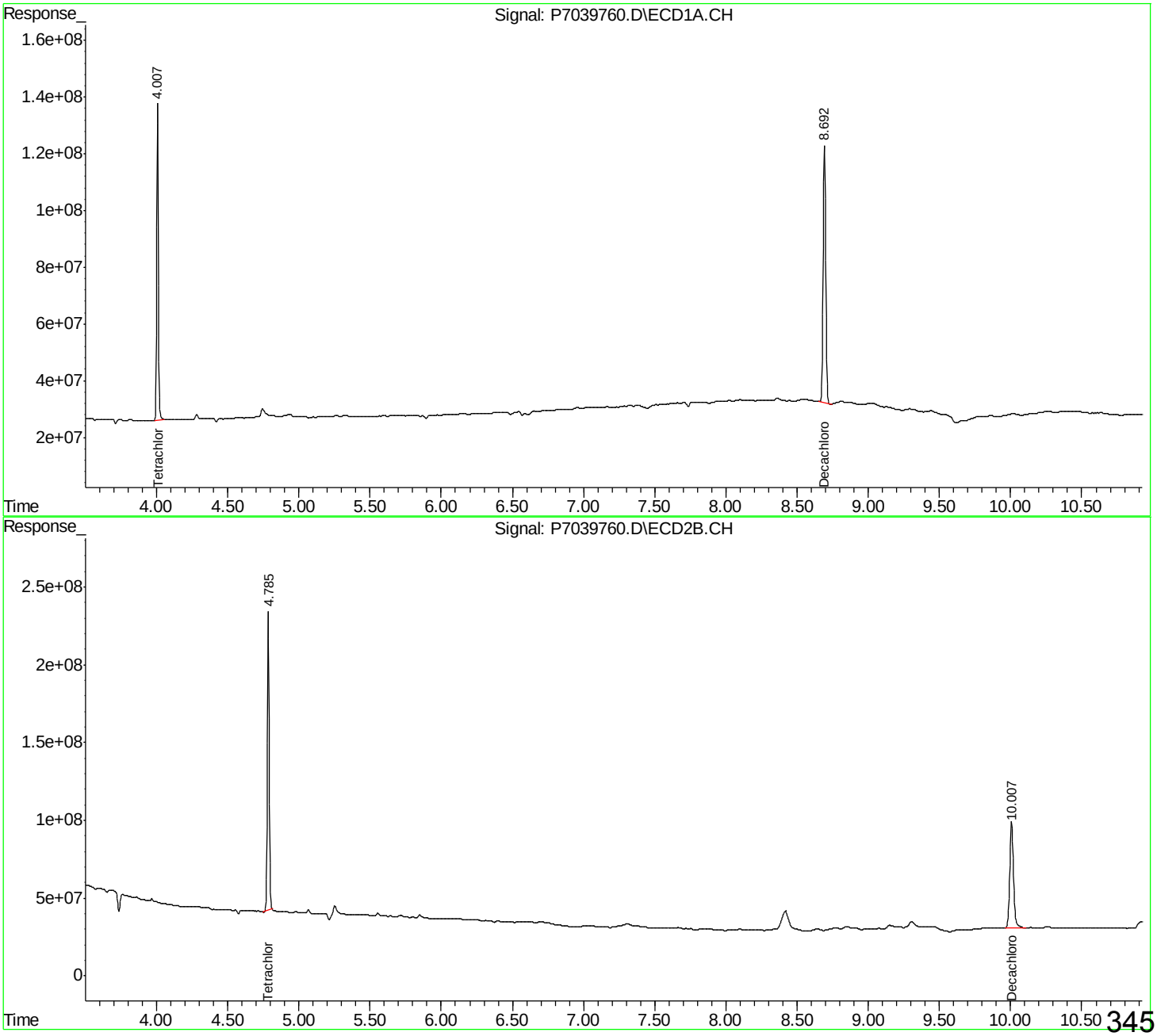
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039760.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 14:23
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:42:50 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039760.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 14:23
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 14:42:50 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	987.0E6	1911.4E6	22.165	22.581
22)	SA Decachlor...	8.693	10.008	1088.1E6	1285.1E6	22.637	25.415
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK06

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039807.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

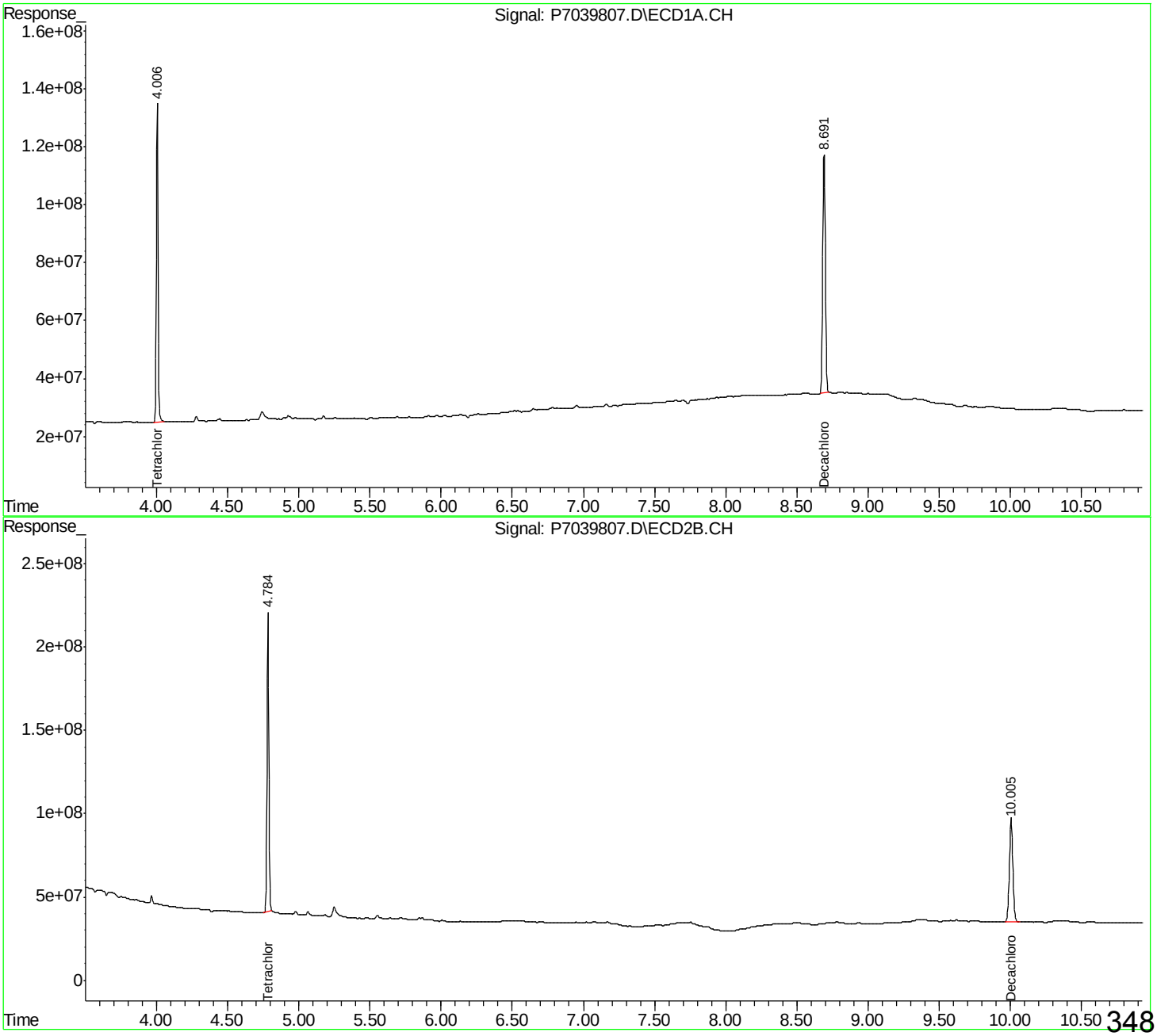
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:22
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:53:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

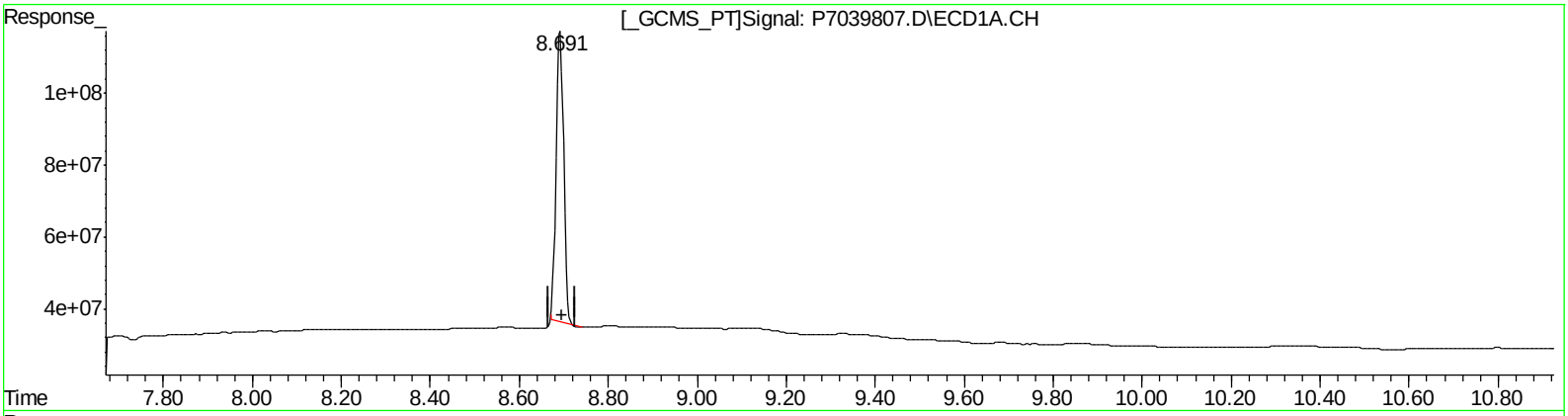


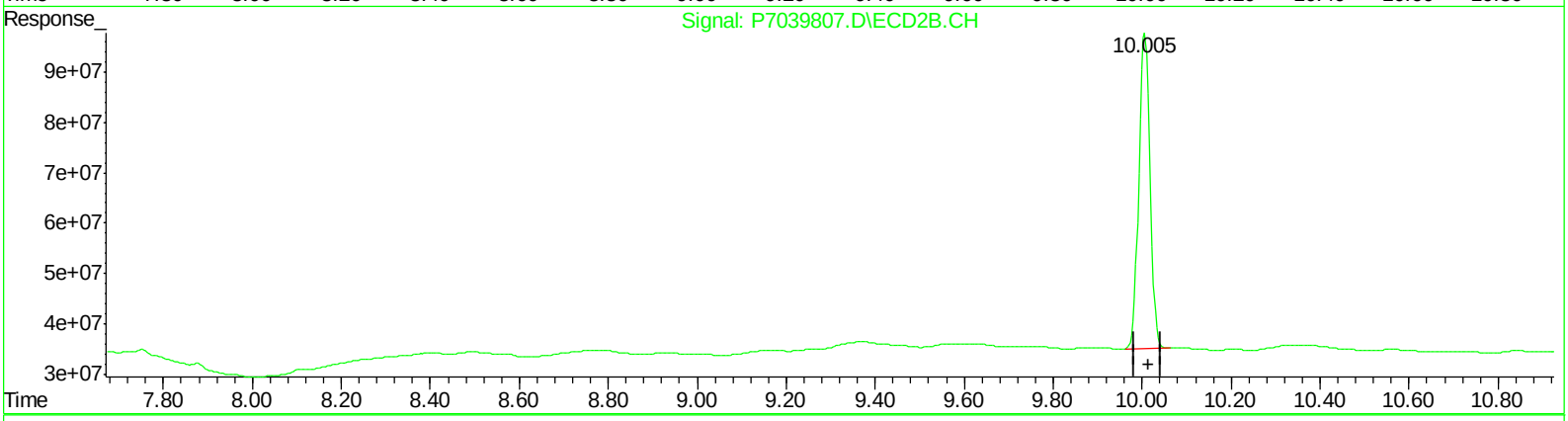
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:22
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 24   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:51:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 19.993 ng/ml

response 961022380

(22) Decachlorobiphenyl #2 (SA)

10.006min 21.793 ng/ml

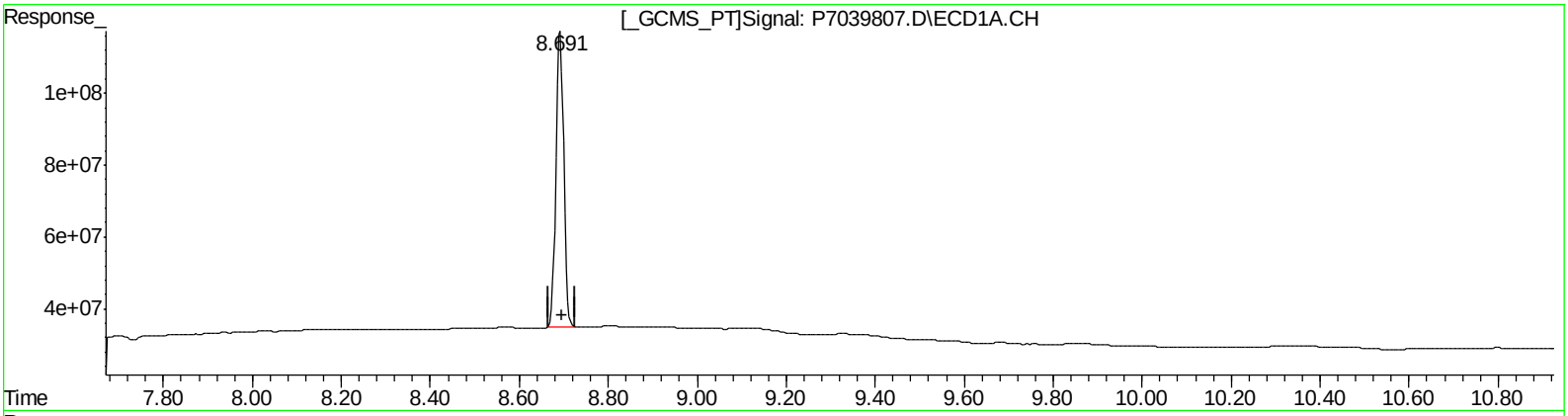
response 1101982986

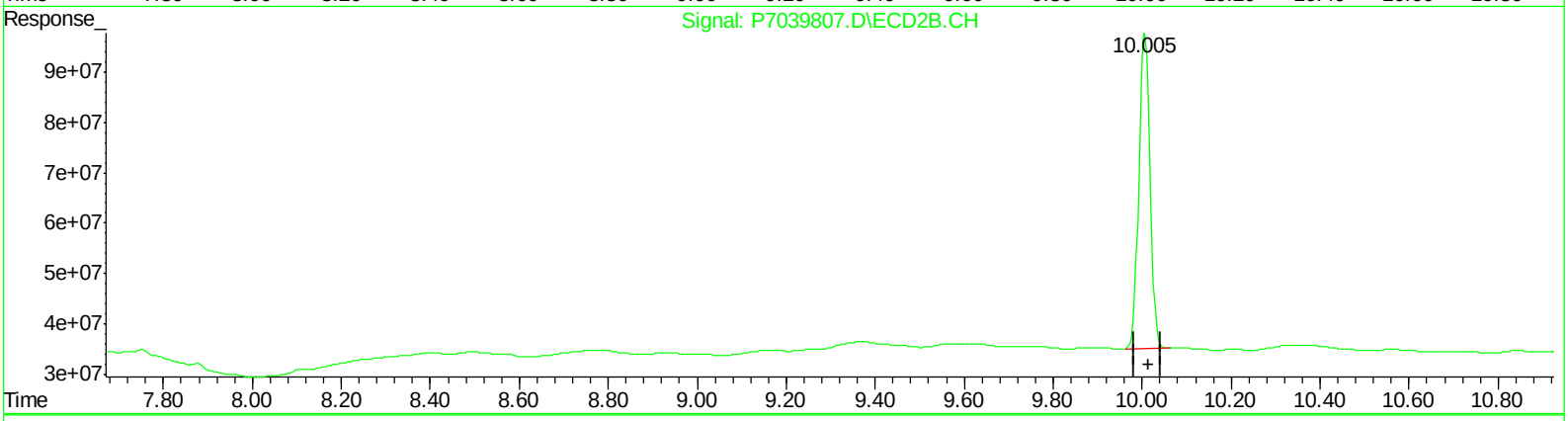
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 18:22
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 24   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:51:58 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 21.046 ng/ml m

response 1011633161

(22) Decachlorobiphenyl #2 (SA)

10.006min 21.793 ng/ml

response 1101982986

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039807.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 18:22
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 03:53:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	972.3E6	1805.1E6	21.836	21.326
22)	SA Decachlor...	8.691	10.006	1011.6E6	1102.0E6	21.046m	21.793
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK07

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: I.BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039823.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

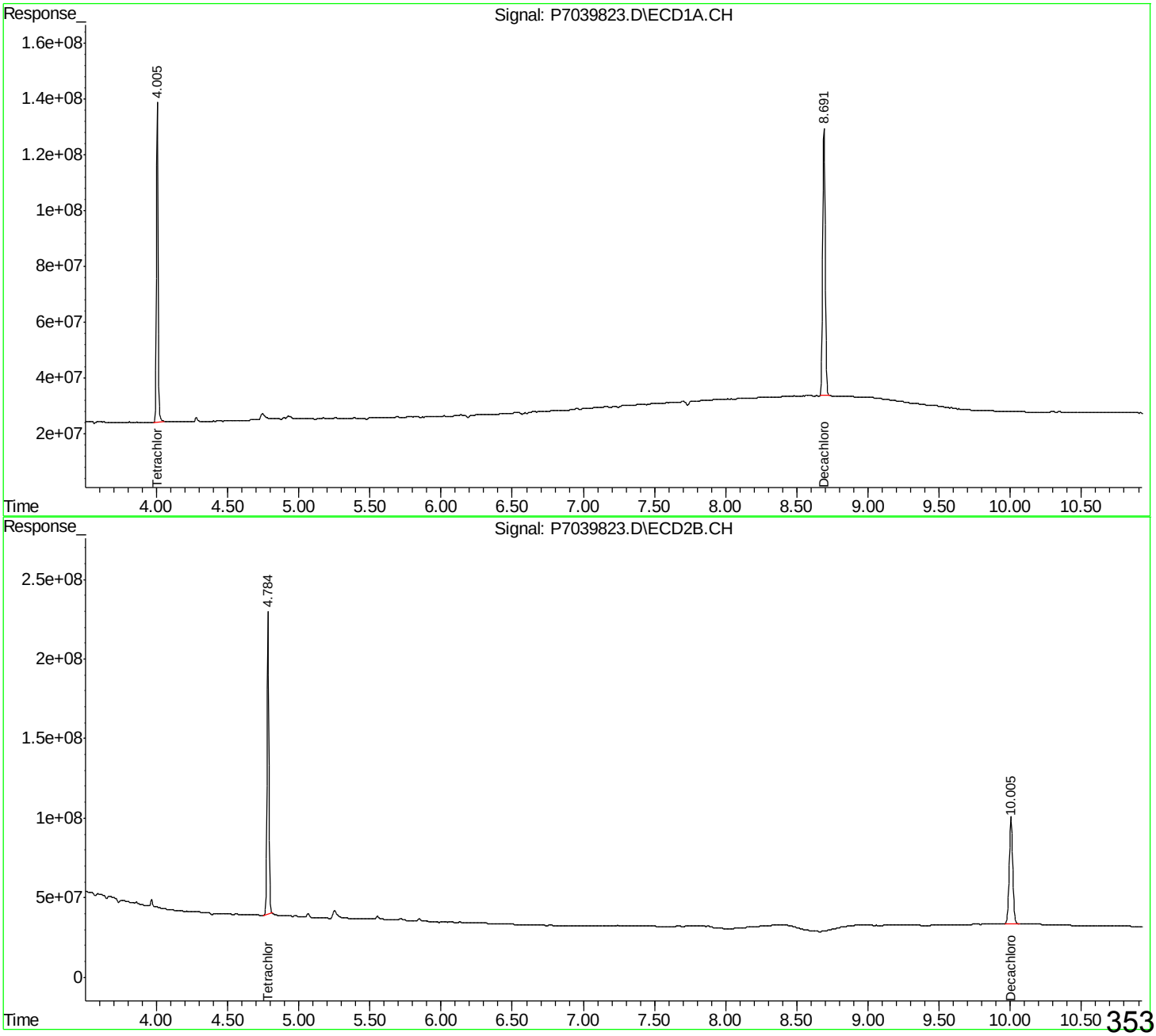
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:08
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

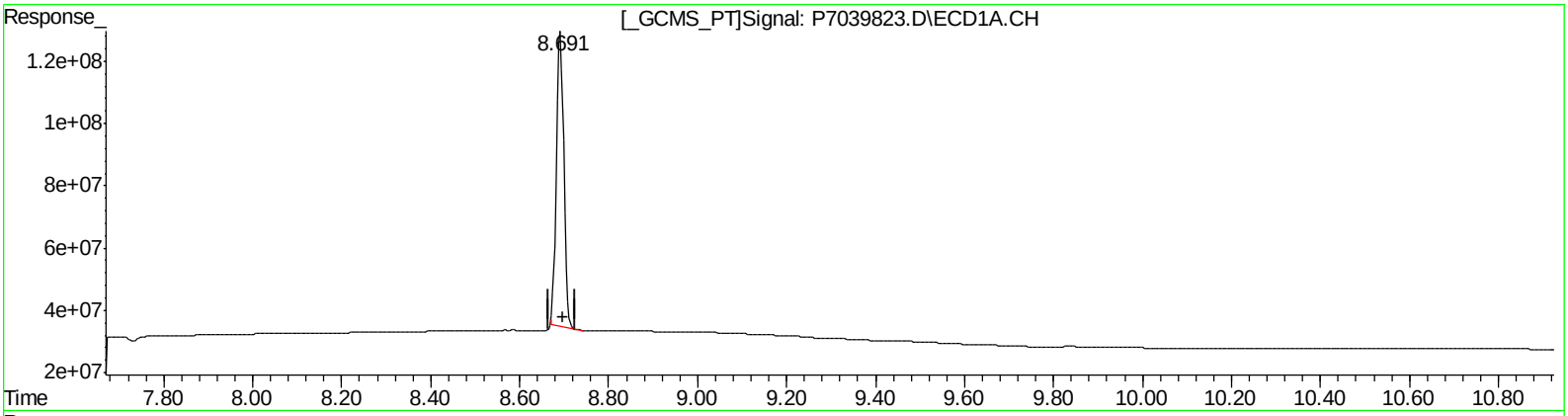


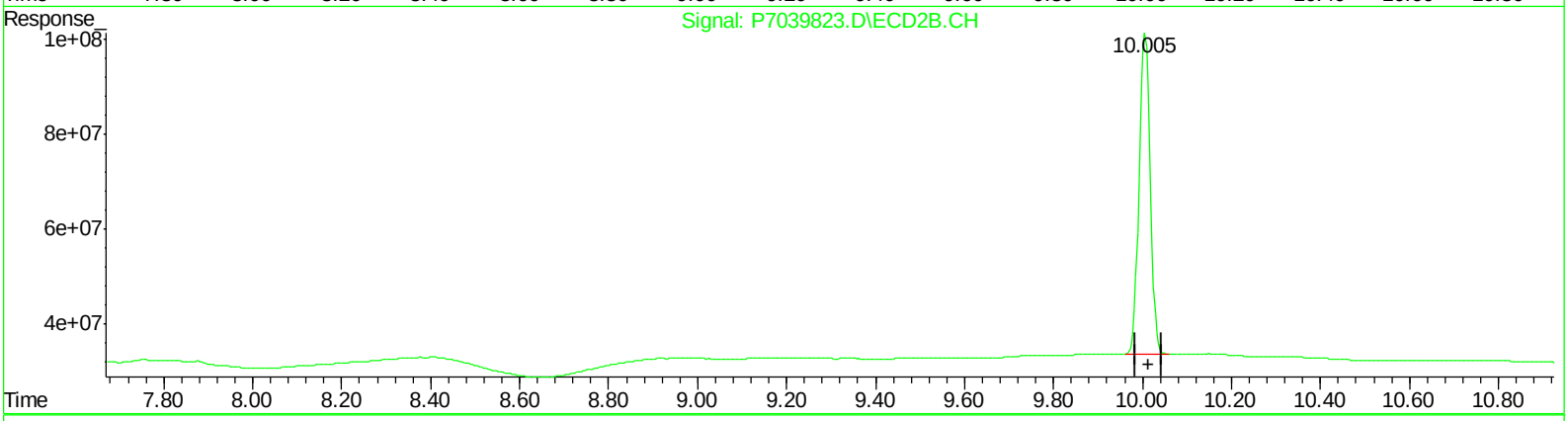
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:08
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 40   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:10:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 22.822 ng/ml

response 1097027264

(22) Decachlorobiphenyl #2 (SA)

10.006min 23.451 ng/ml

response 1185780798

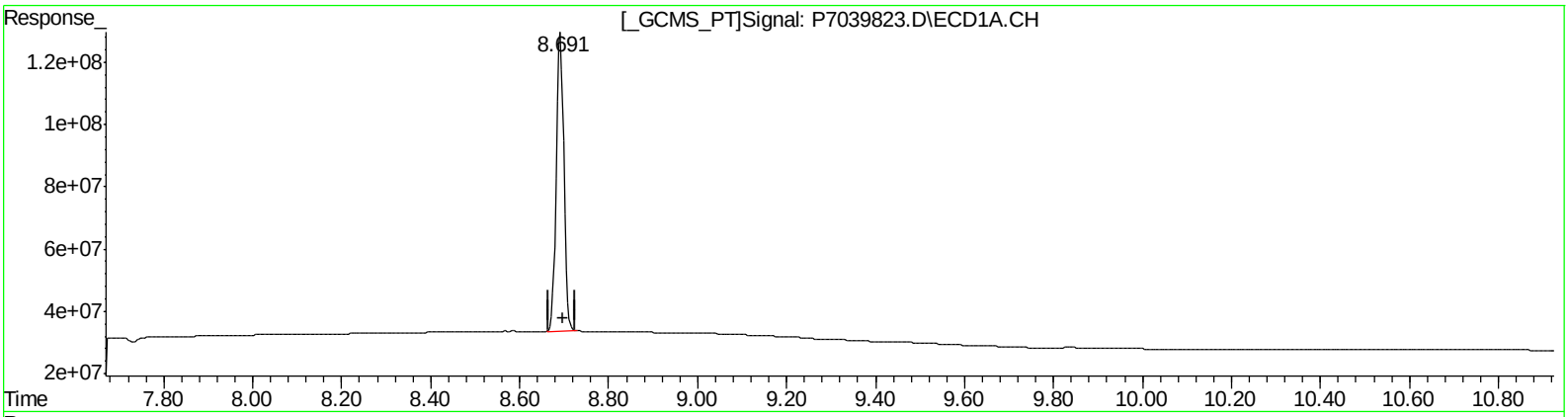
(+) = Expected Retention Time

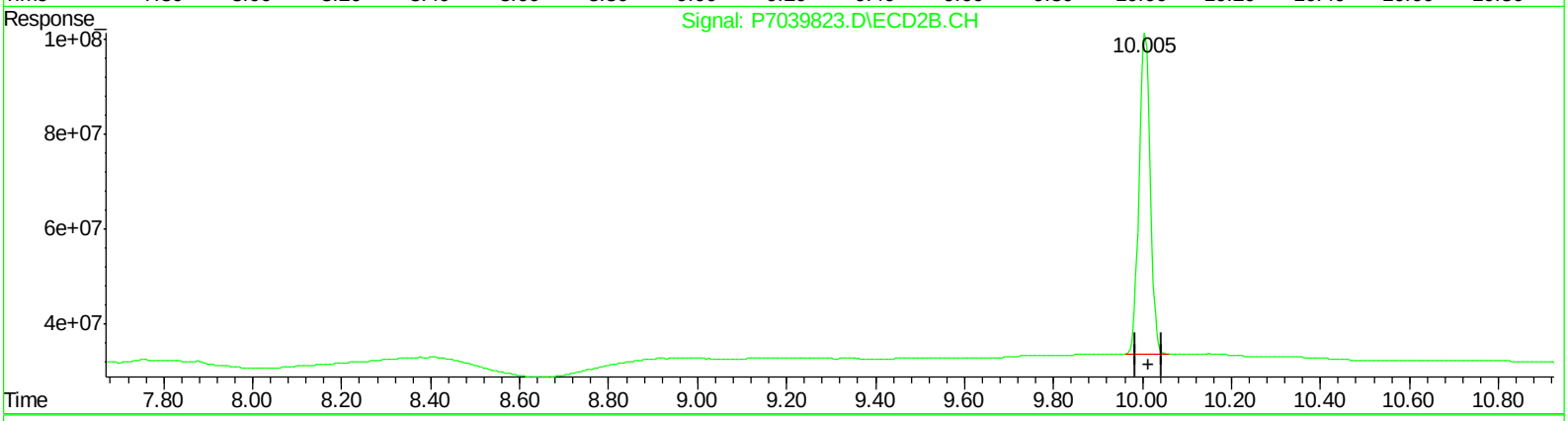
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 12 Aug 2009 22:08
Operator : JJ
Sample   : I.BLK
Misc   :
ALS Vial : 40   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:10:47 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.691min 23.803 ng/ml m

response 1144183165

(22) Decachlorobiphenyl #2 (SA)

10.006min 23.451 ng/ml

response 1185780798

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081209\
Data File : P7039823.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2009 22:08
Operator : JJ
Sample : I.BLK
Misc :
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 05:12:09 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	1007.9E6	1929.6E6	22.635	22.796
22)	SA Decachlor...	8.691	10.006	1144.2E6	1185.8E6	23.803m	23.451
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43888BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43888BS

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039709.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

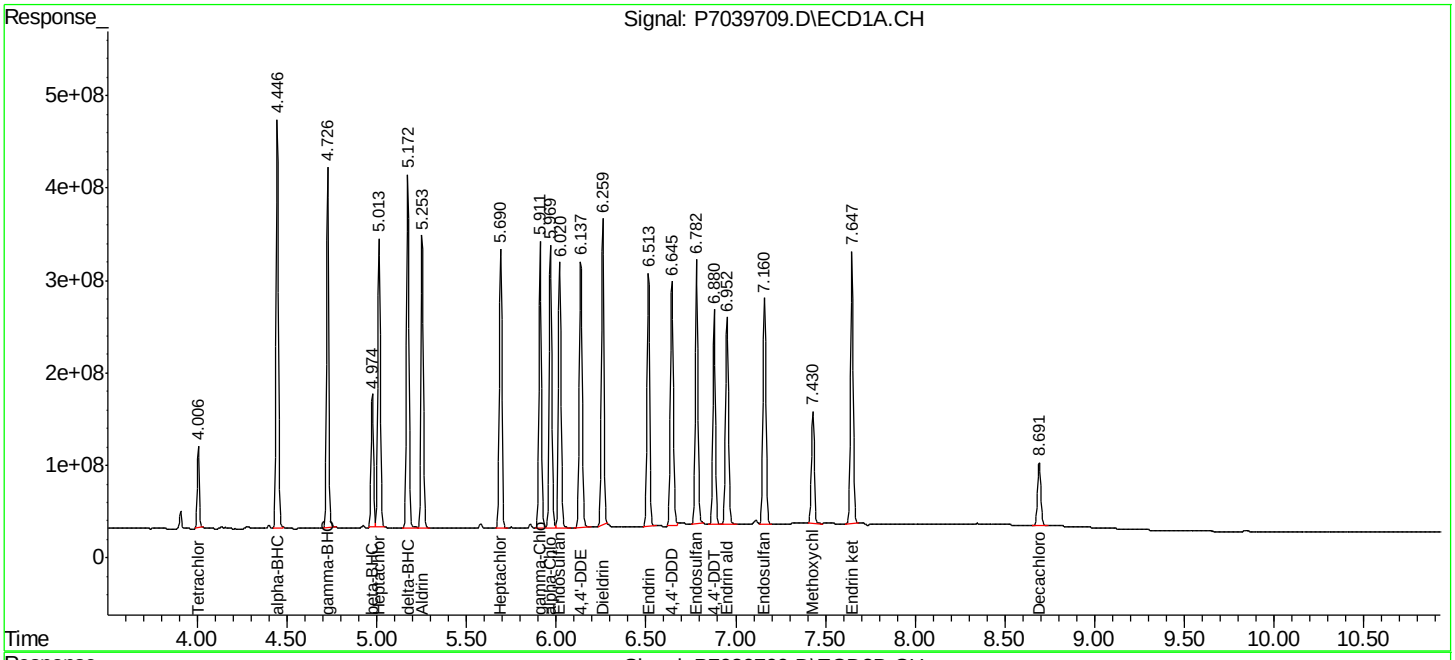
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.54	
319-85-7	beta-BHC	0.54	
319-86-8	delta-BHC	0.53	
58-89-9	gamma-BHC (Lindane)	0.55	
76-44-8	Heptachlor	0.53	
309-00-2	Aldrin	0.46	
1024-57-3	Heptachlor epoxide	0.50	
959-98-8	Endosulfan I	0.49	
60-57-1	Dieldrin	0.48	
72-55-9	4,4'-DDE	0.46	
72-20-8	Endrin	0.51	
33213-65-9	Endosulfan II	0.50	
72-54-8	4,4'-DDD	0.48	
1031-07-8	Endosulfan sulfate	0.59	
50-29-3	4,4'-DDT	0.50	
72-43-5	Methoxychlor	0.55	
53494-70-5	Endrin ketone	0.55	
7421-93-4	Endrin aldehyde	0.49	
5103-71-9	alpha-Chlordane	0.47	
5103-74-2	gamma-Chlordane	0.47	
8001-35-2	Toxaphene	0.50	U

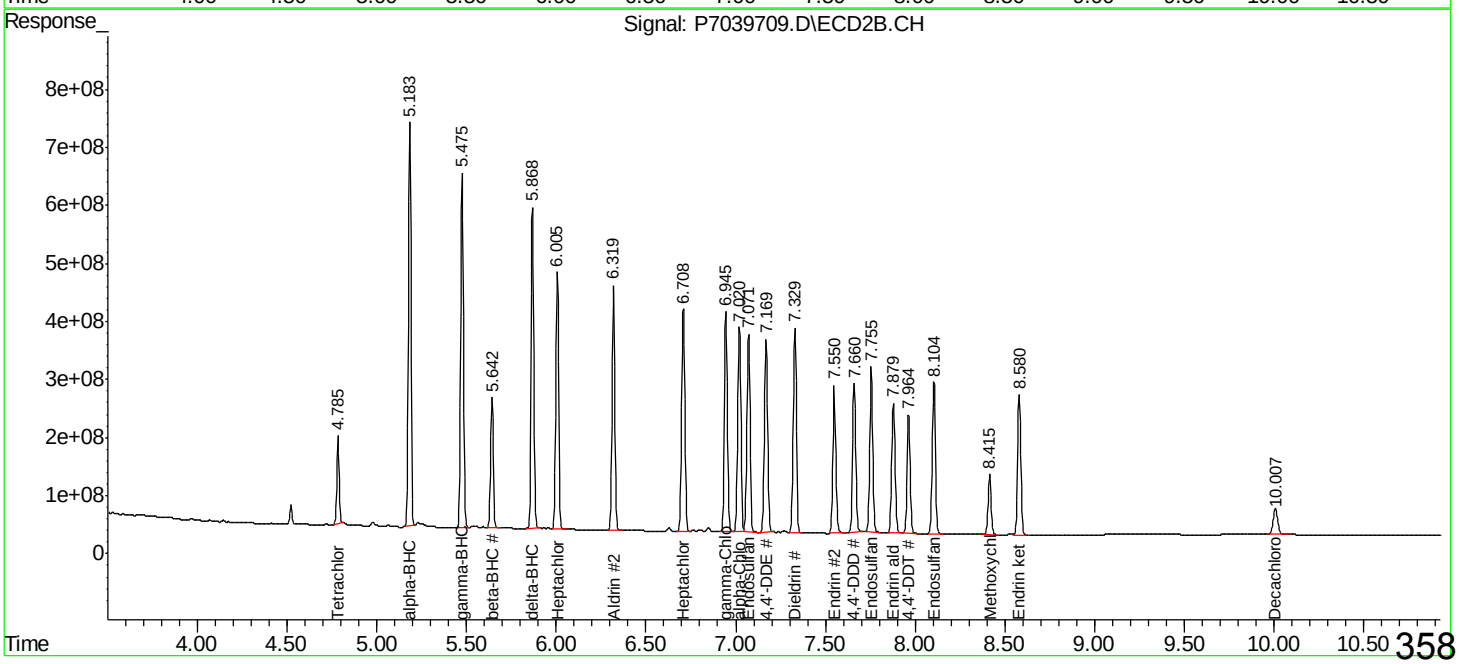
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:55:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



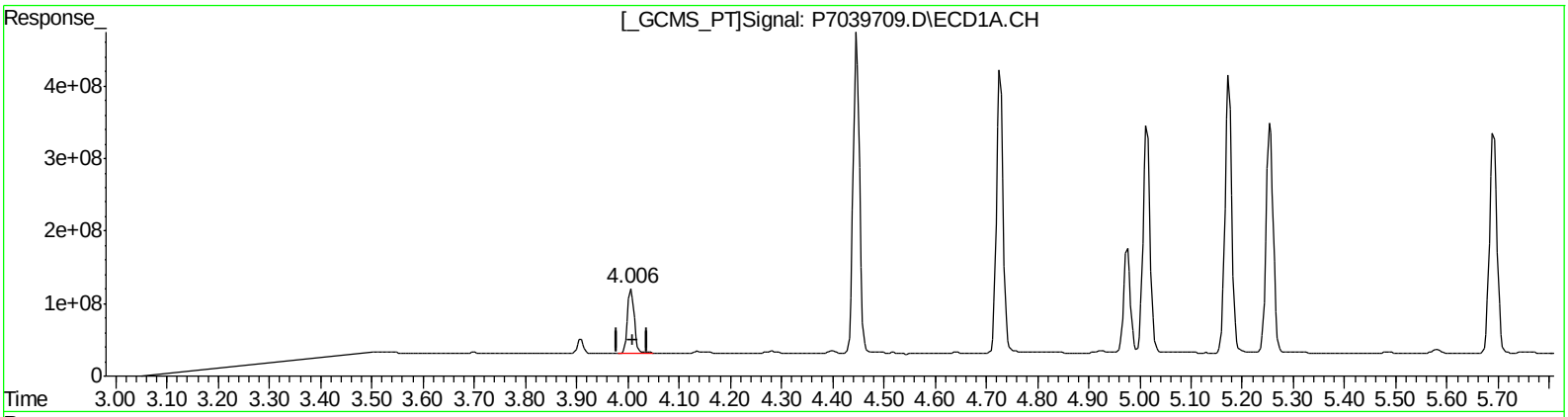


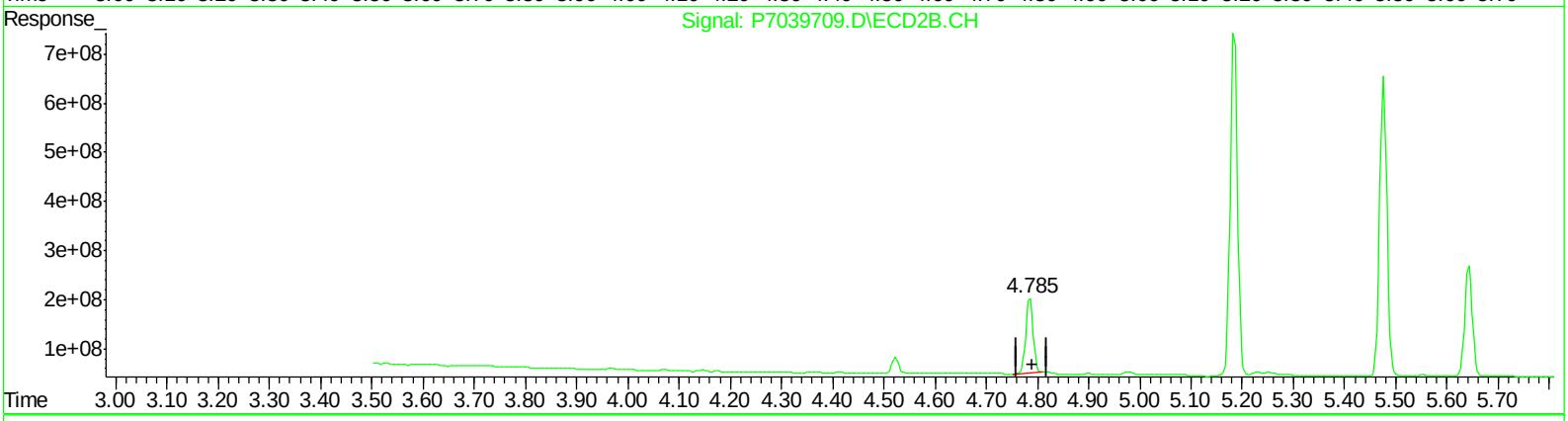
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 17.777 ng/ml

response 791577680

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 18.071 ng/ml

response 1529634886

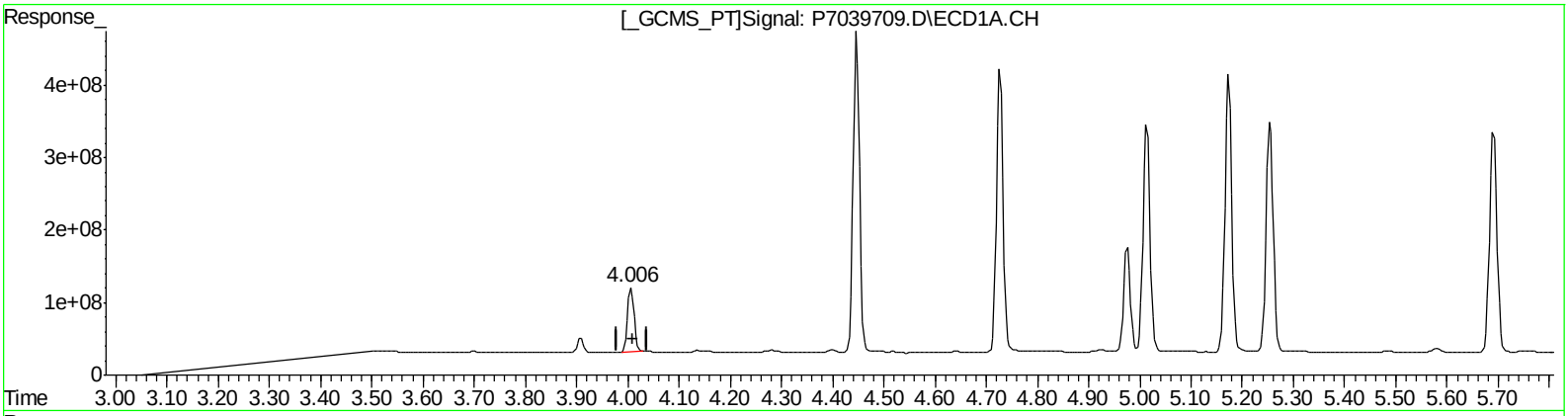
(+) = Expected Retention Time

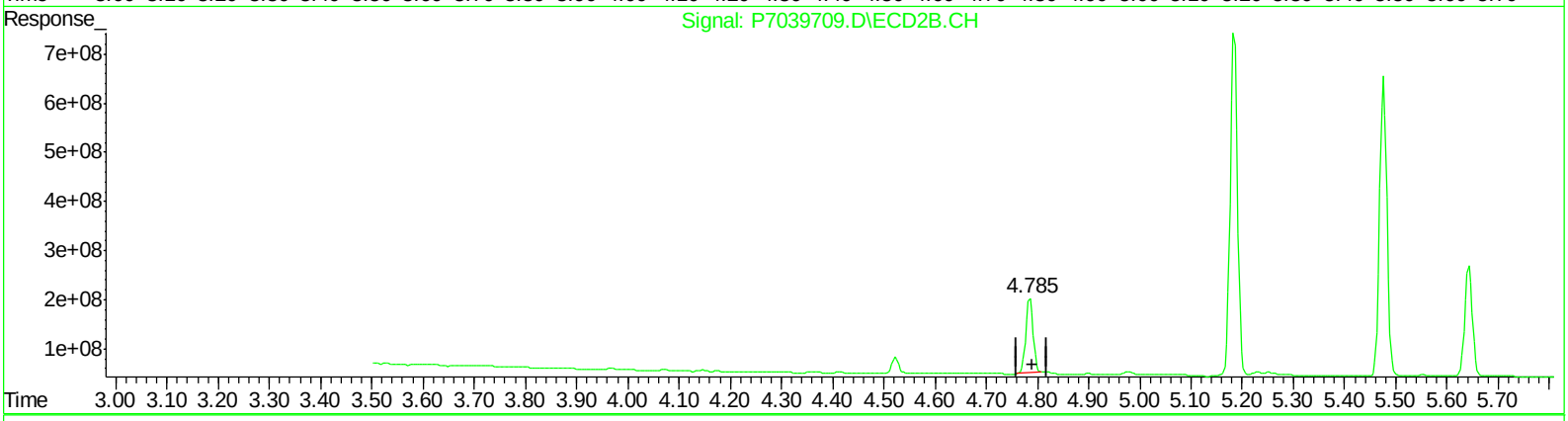
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.006min 17.118 ng/ml m

response 762241395

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 17.963 ng/ml m

response 1520462119

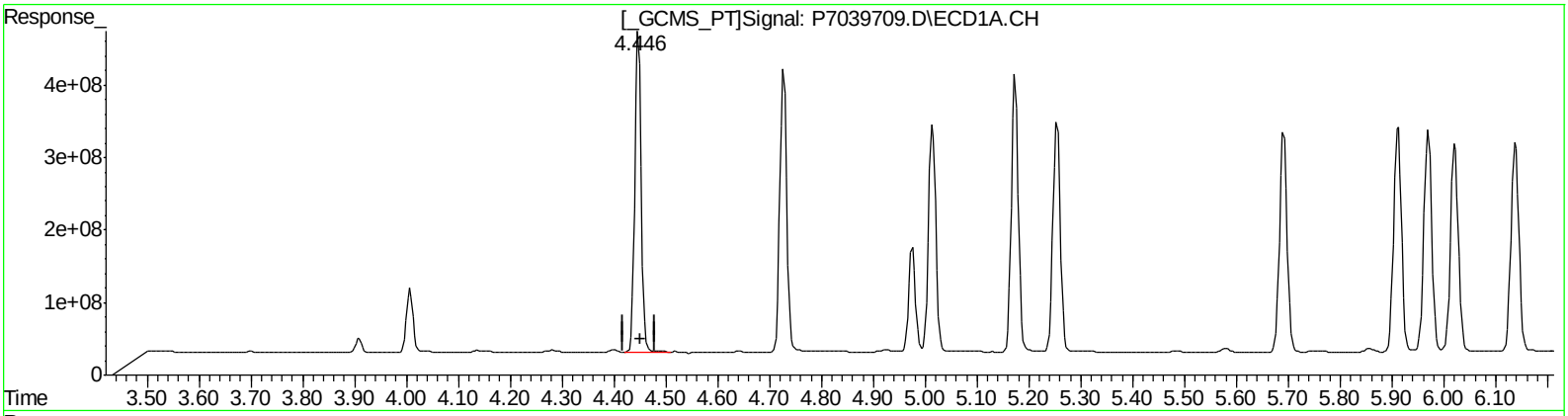
(+) = Expected Retention Time

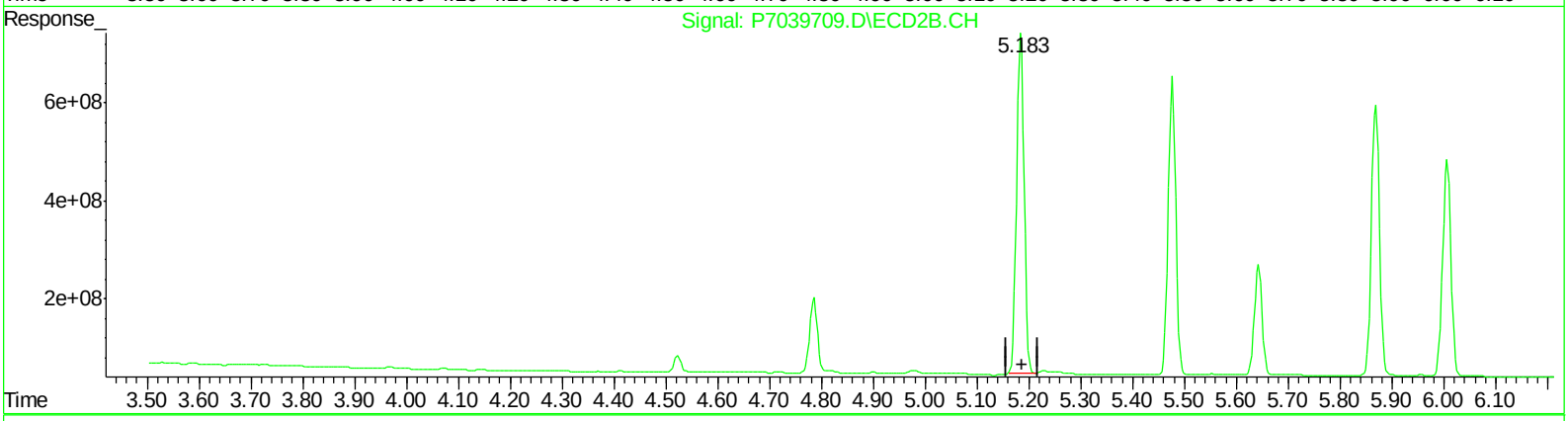
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.447min 51.335 ng/ml

response 3861211466

(2) alpha-BHC #2 (A)

5.185min 53.741 ng/ml

response 6972363868

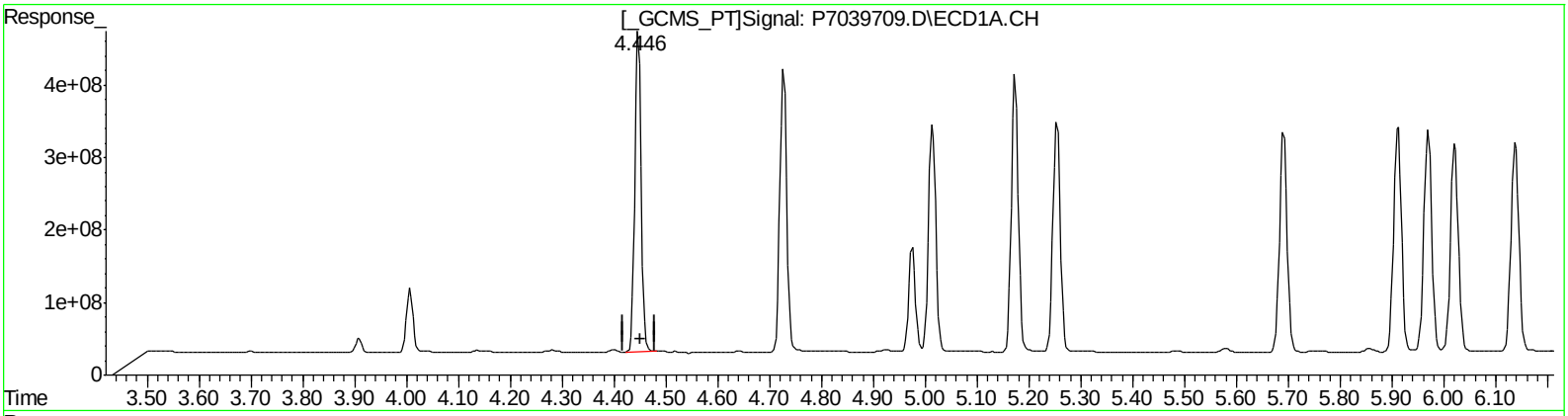
(+) = Expected Retention Time

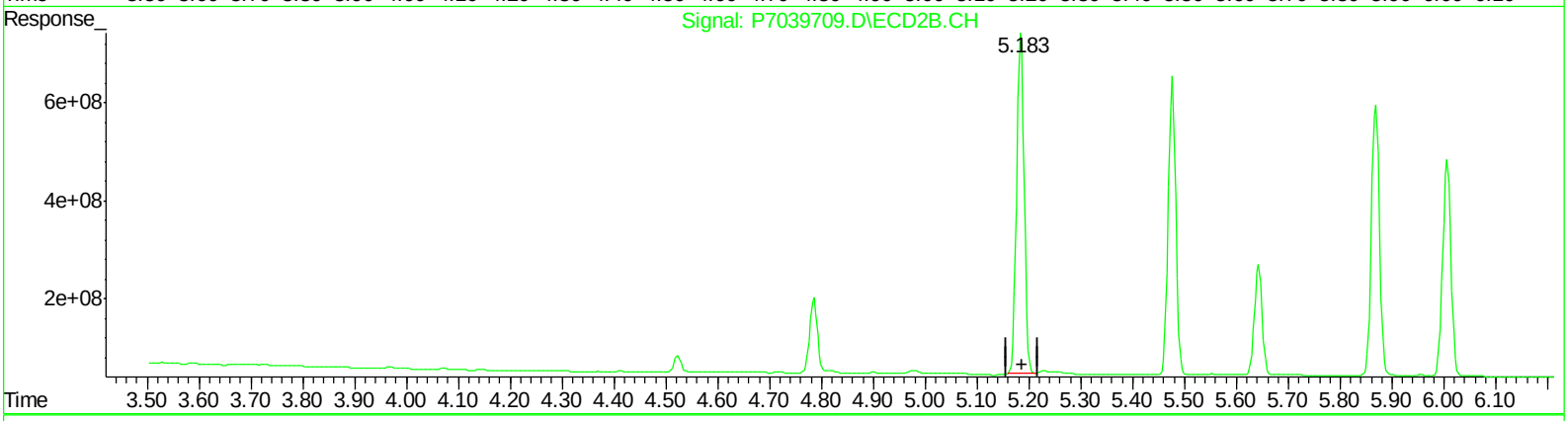
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 51.021 ng/ml m

response 3837567724

(2) alpha-BHC #2 (A)

5.183min 53.876 ng/ml m

response 6989868178

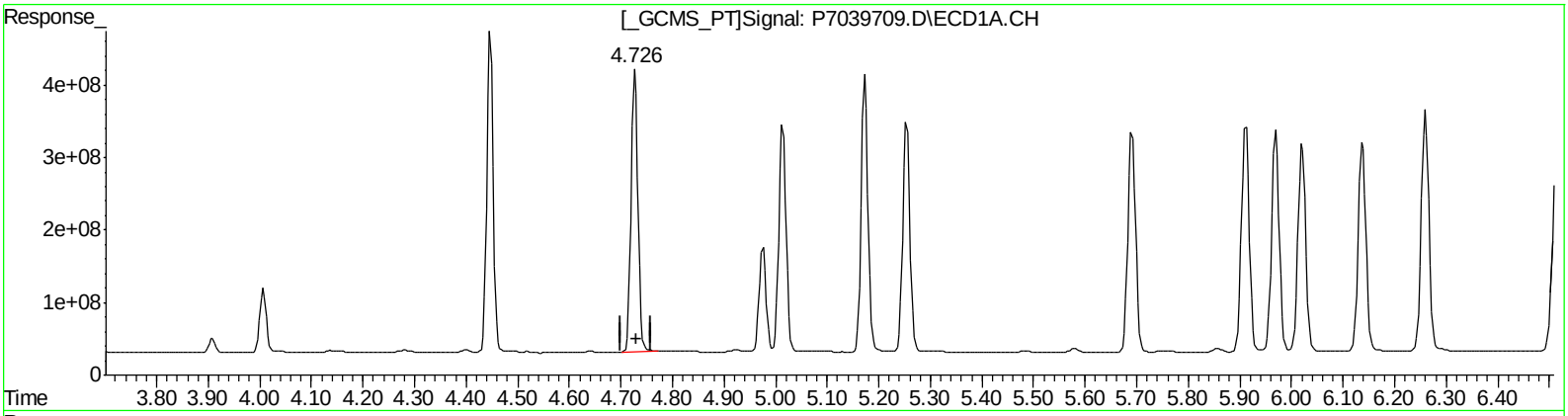
(+) = Expected Retention Time

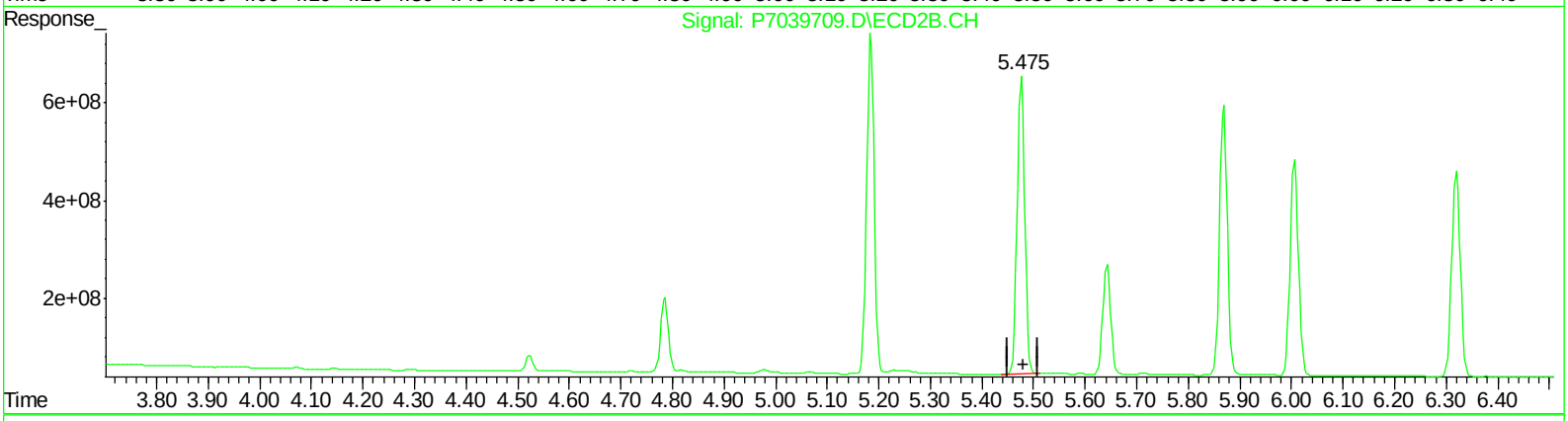
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 51.548 ng/ml

response 3533247571

(3) gamma-BHC (Lindane) #2 (MA)

5.477min 54.518 ng/ml

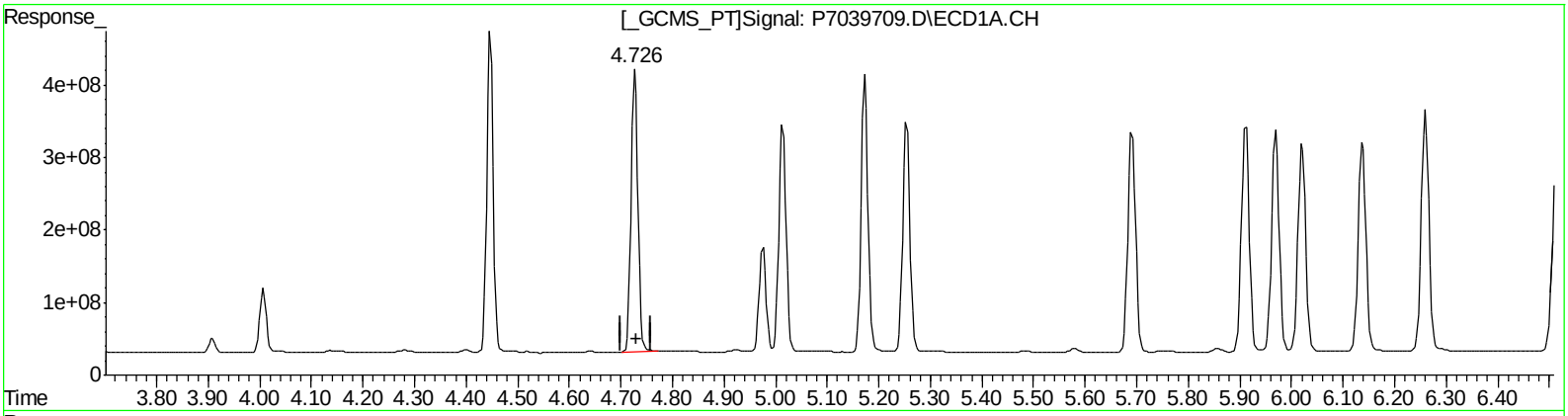
response 6180062180

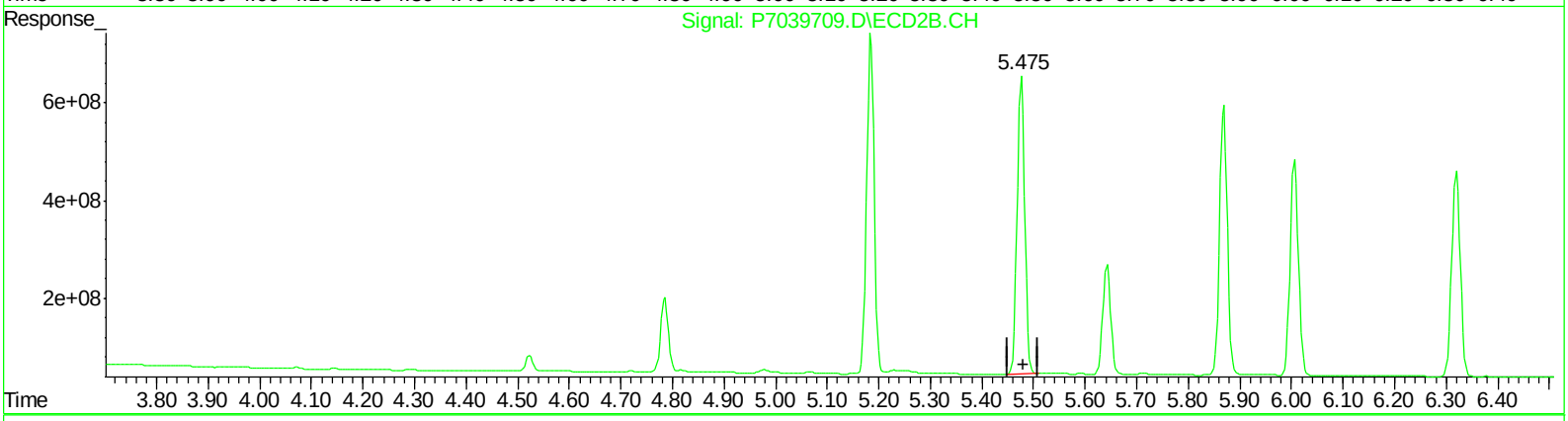
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 51.548 ng/ml

response 3533247571

(3) gamma-BHC (Lindane) #2 (MA)

5.475min 54.532 ng/ml m

response 6181690027

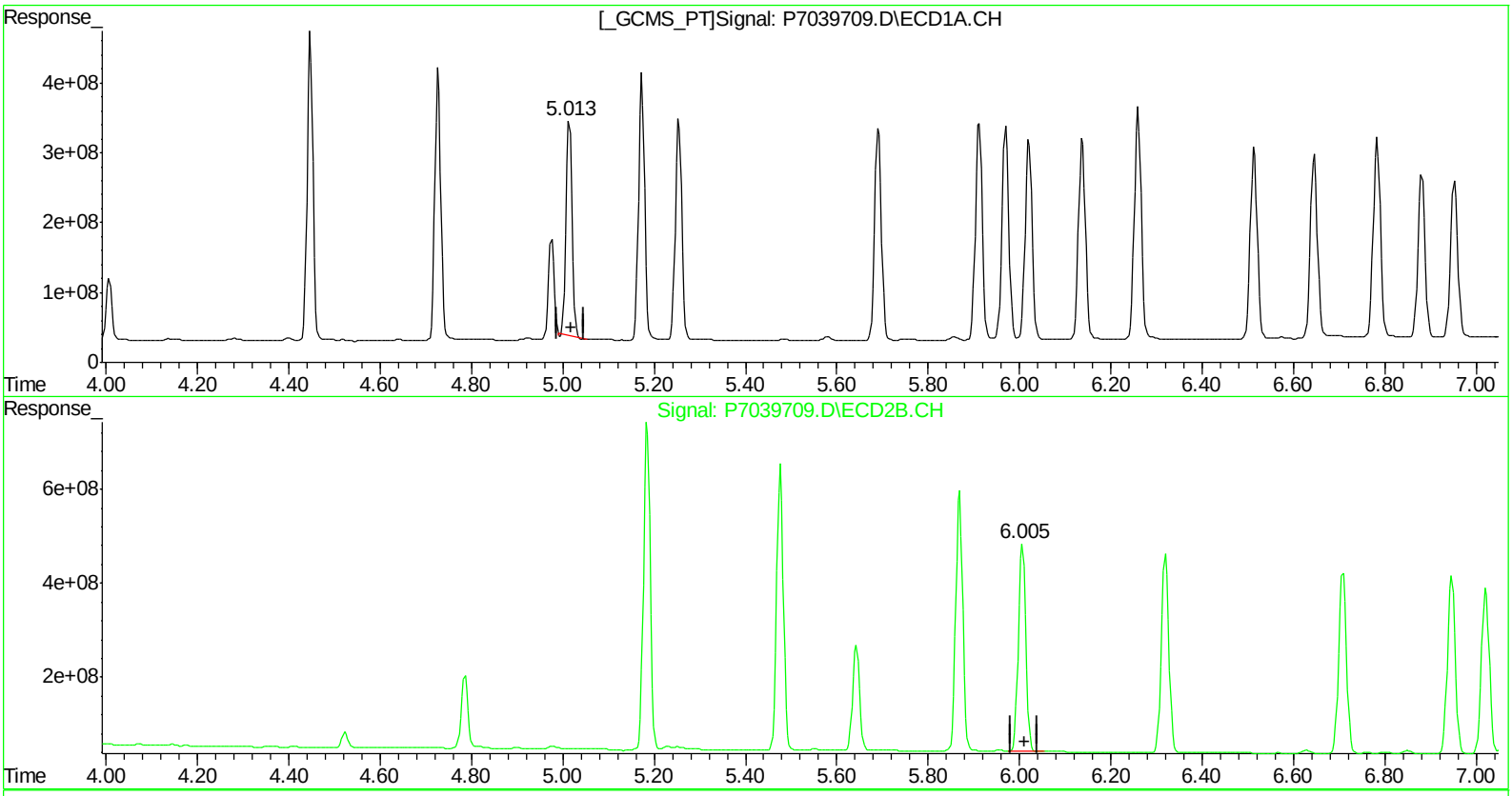
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)

5.014min 49.214 ng/ml

response 2830495552

(4) Heptachlor #2 (MA)

6.007min 52.668 ng/ml

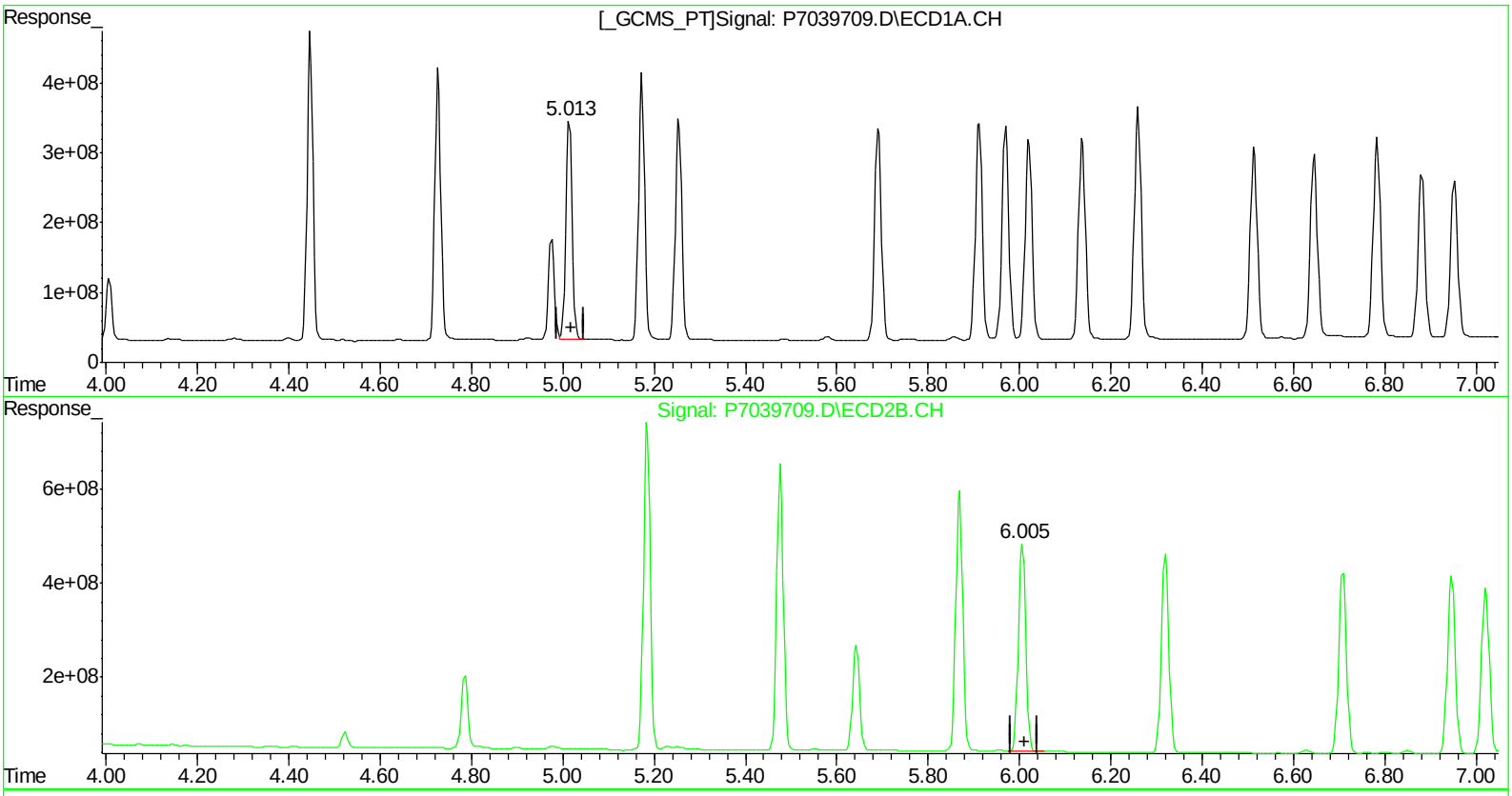
response 5007113661

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)

5.013min 51.840 ng/ml m

response 2981505701

(4) Heptachlor #2 (MA)

6.007min 52.668 ng/ml

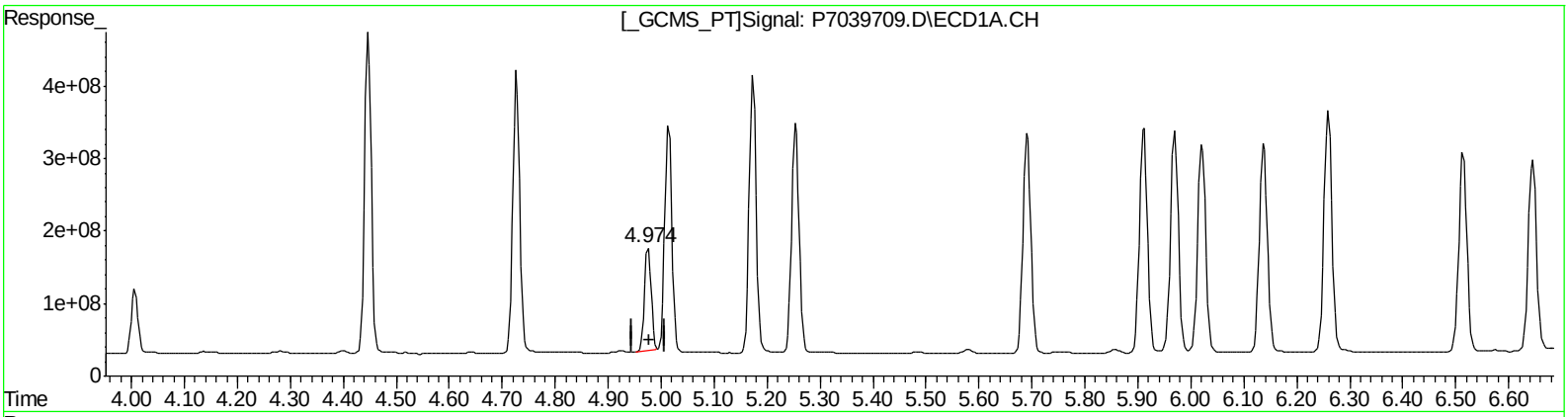
response 5007113661

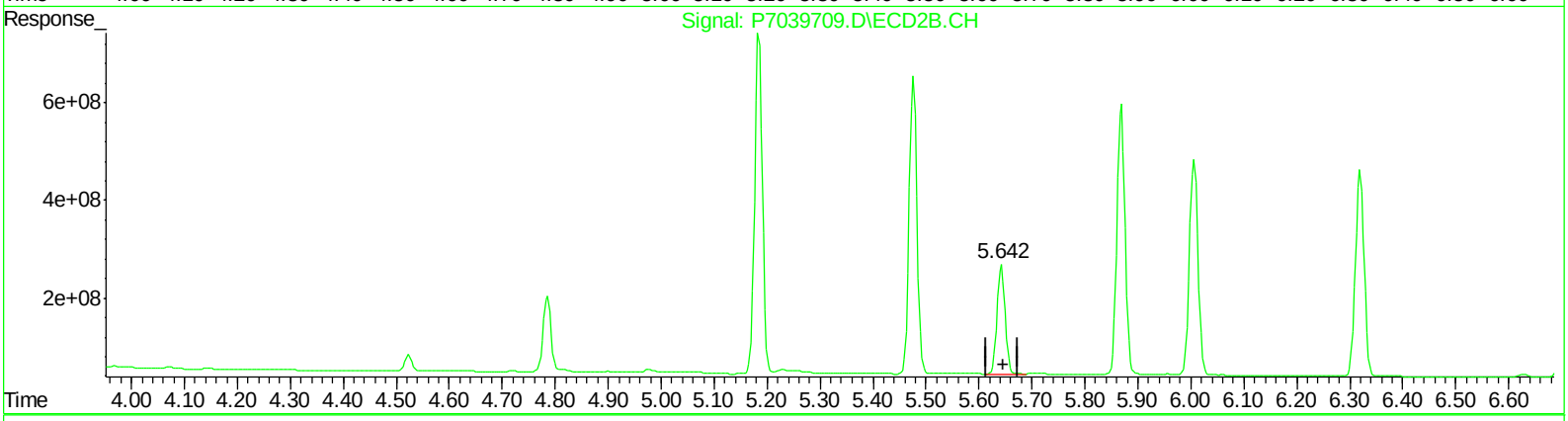
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.976min 48.812 ng/ml

response 1277546302

(6) beta-BHC #2 (B)

5.643min 54.084 ng/ml

response 2367472363

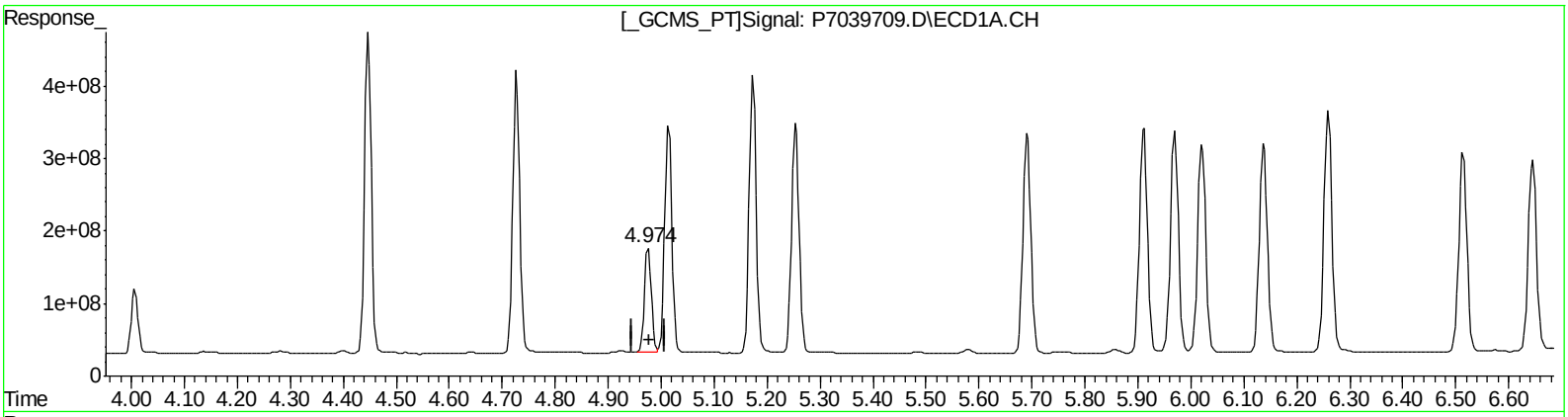
(+) = Expected Retention Time

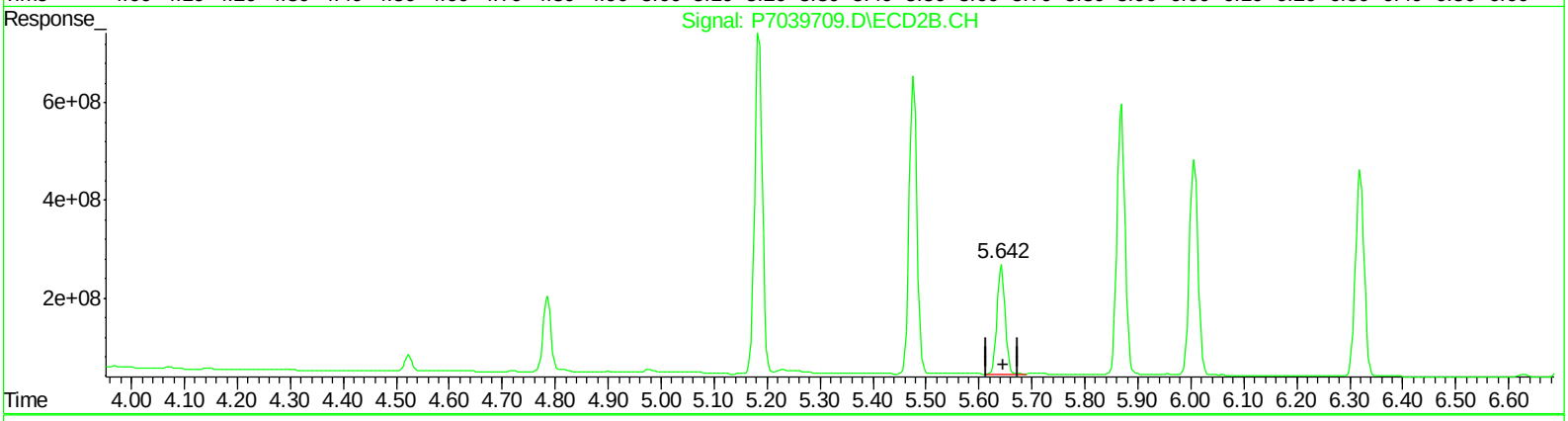
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.974min 50.517 ng/ml m

response 1322163181

(6) beta-BHC #2 (B)

5.643min 54.084 ng/ml

response 2367472363

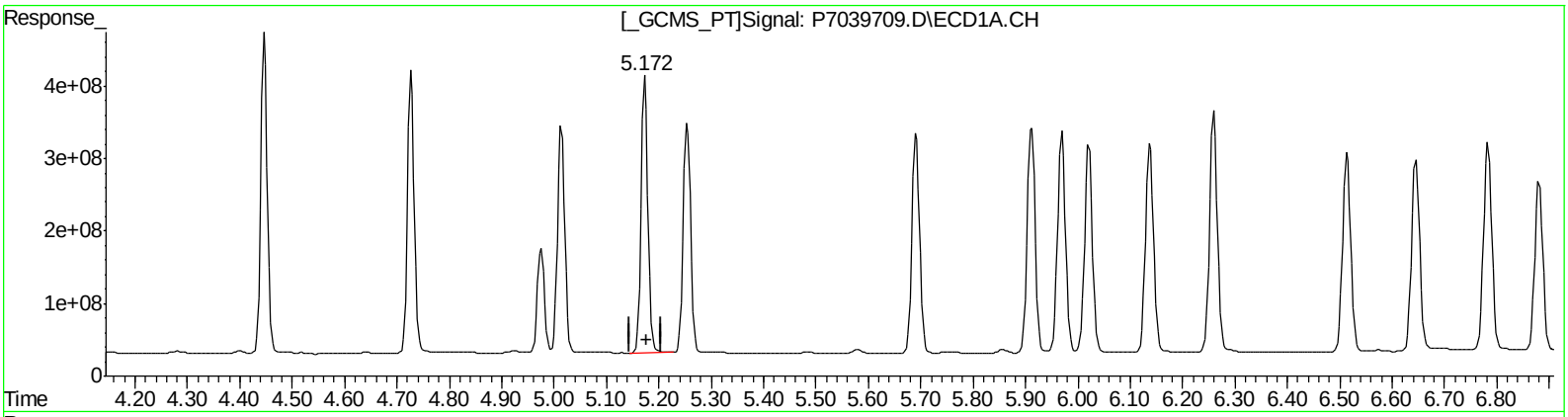
(+) = Expected Retention Time

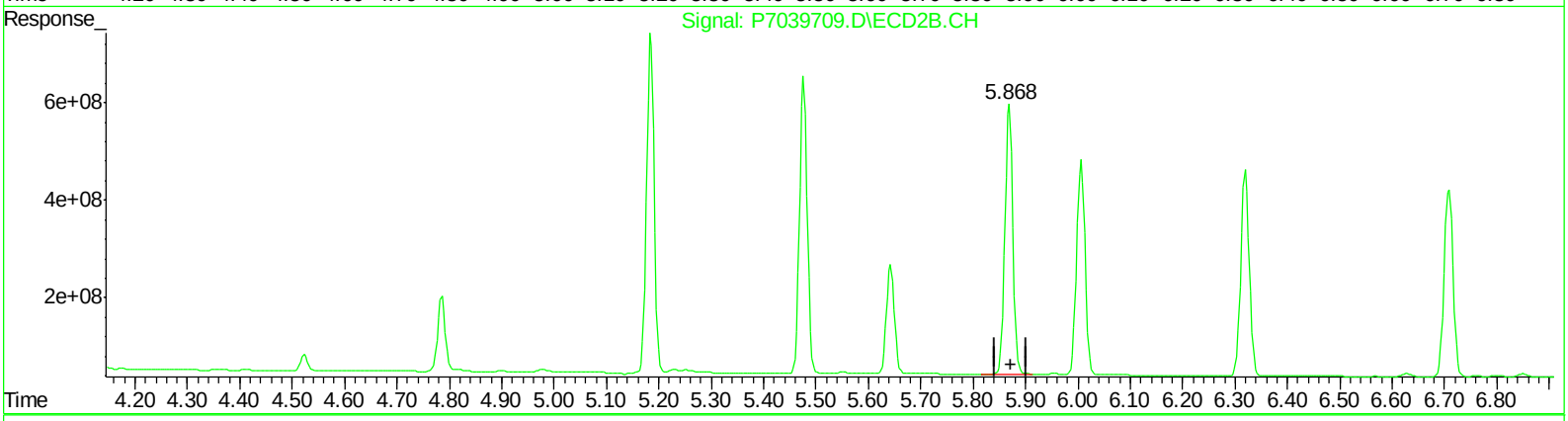
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)
5.174min 51.821 ng/ml
response 3520307403

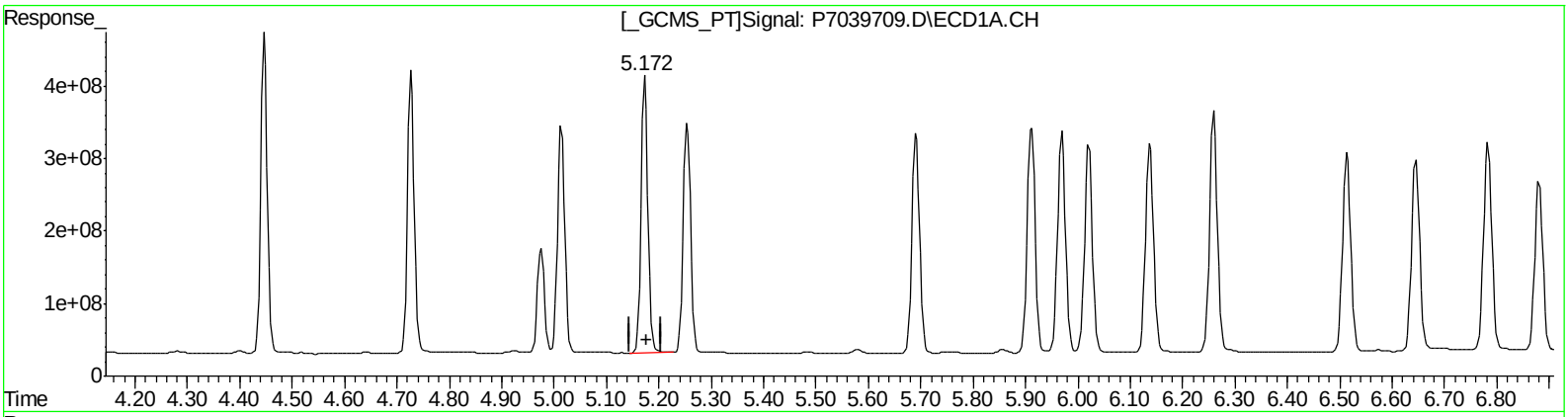
(7) delta-BHC #2 (B)
5.869min 53.485 ng/ml
response 5890780363

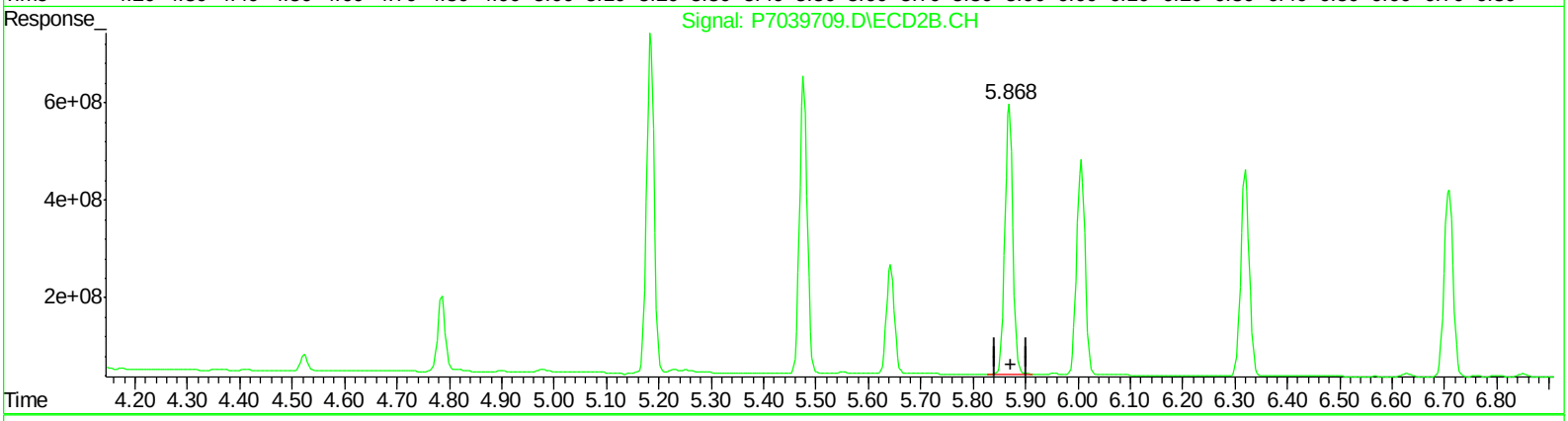
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)
5.174min 51.821 ng/ml
response 3520307403

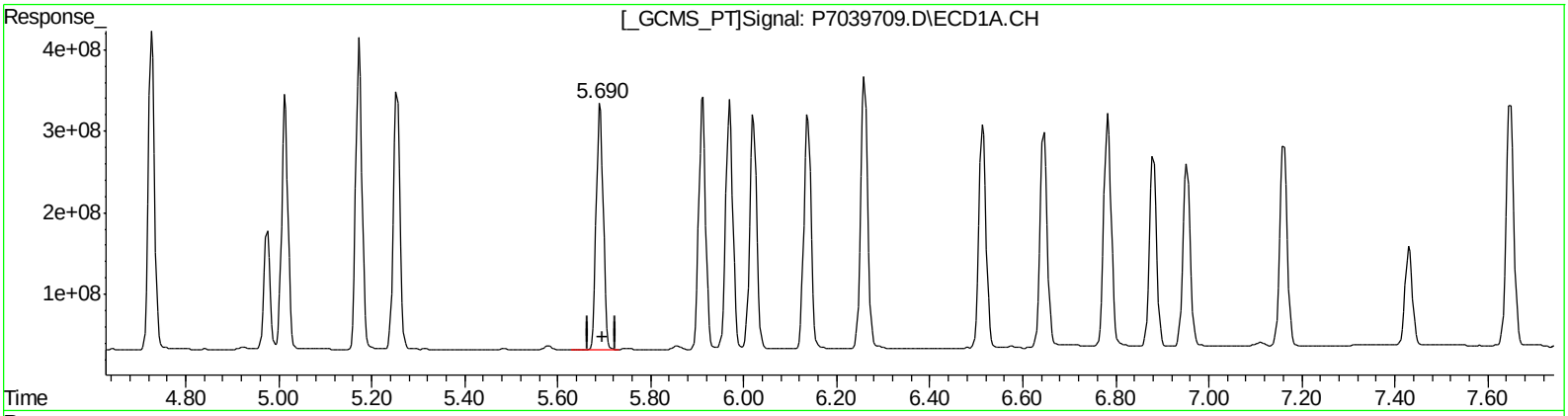
(7) delta-BHC #2 (B)
5.868min 53.483 ng/ml m
response 5890482616

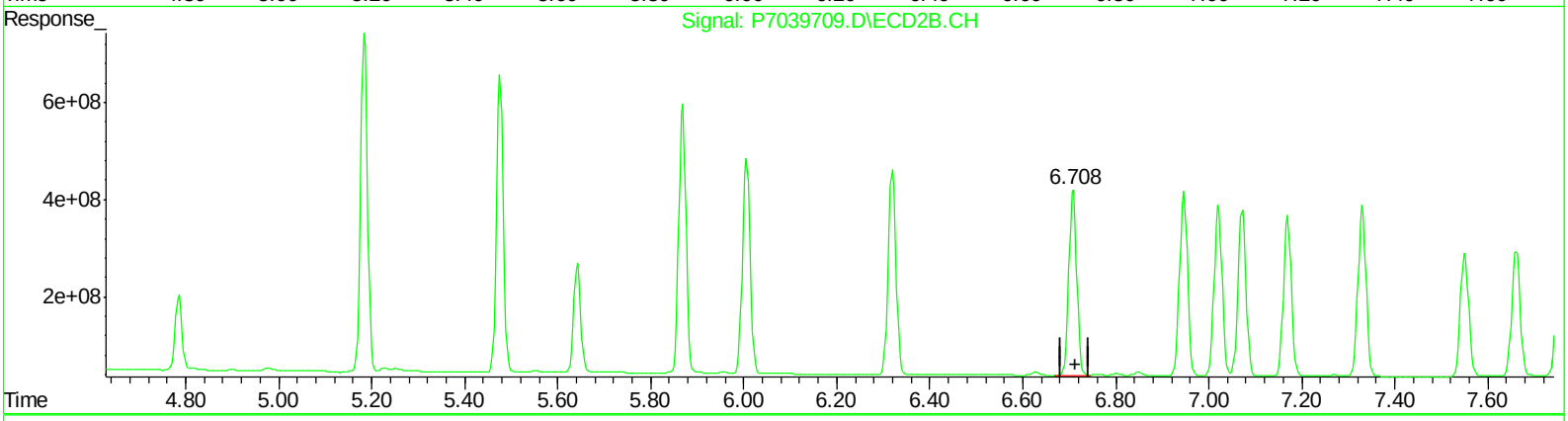
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.691min 49.500 ng/ml

response 3137528900

(8) Heptachlor epoxide #2 (B)

6.709min 49.583 ng/ml

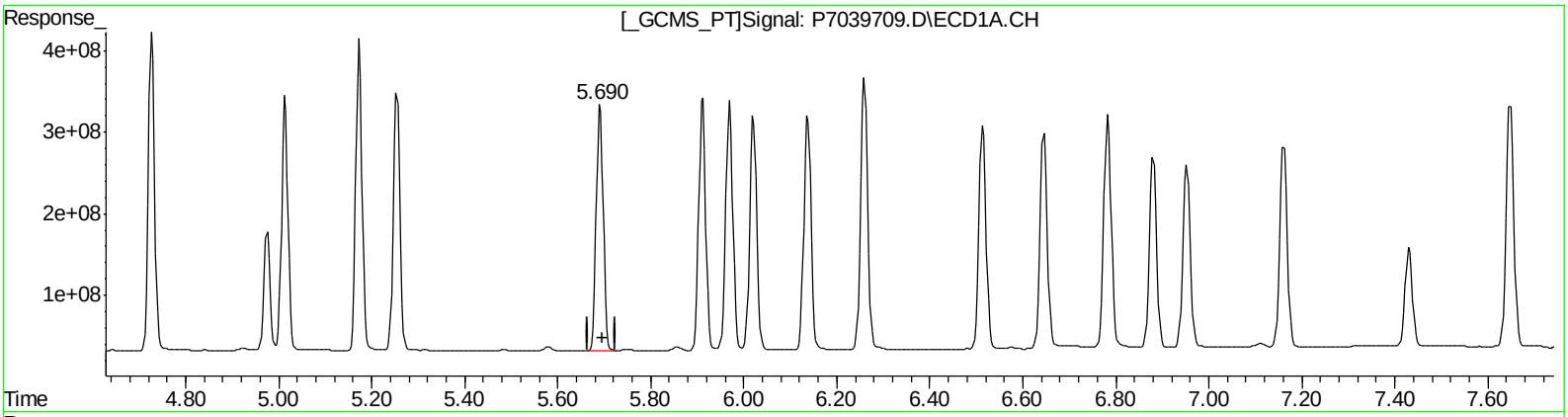
response 4593372565

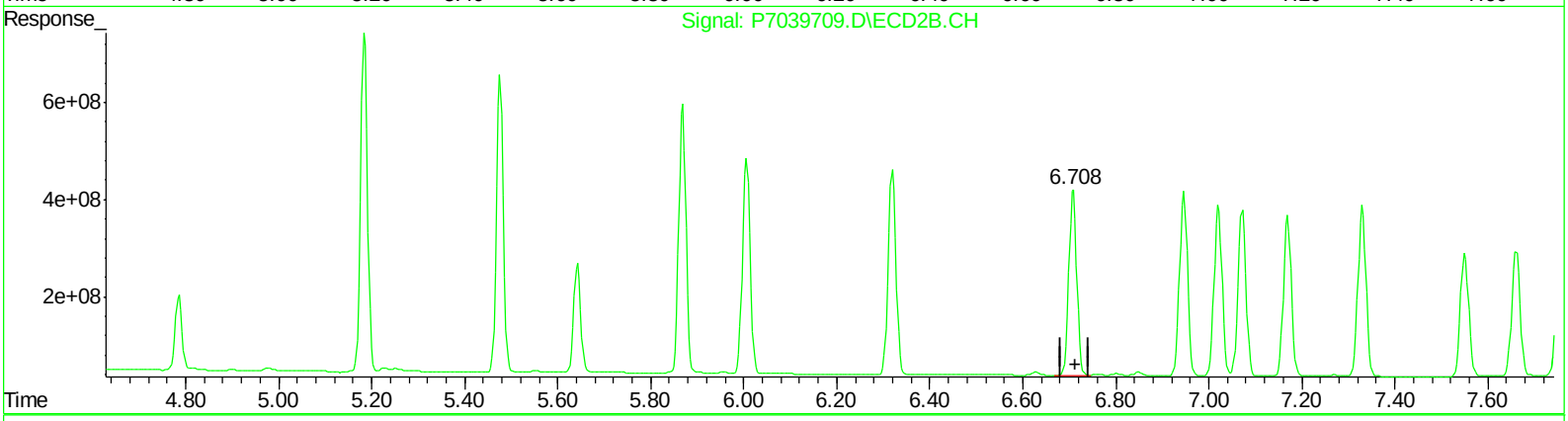
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.690min 49.433 ng/ml m

response 3133300233

(8) Heptachlor epoxide #2 (B)

6.709min 49.583 ng/ml

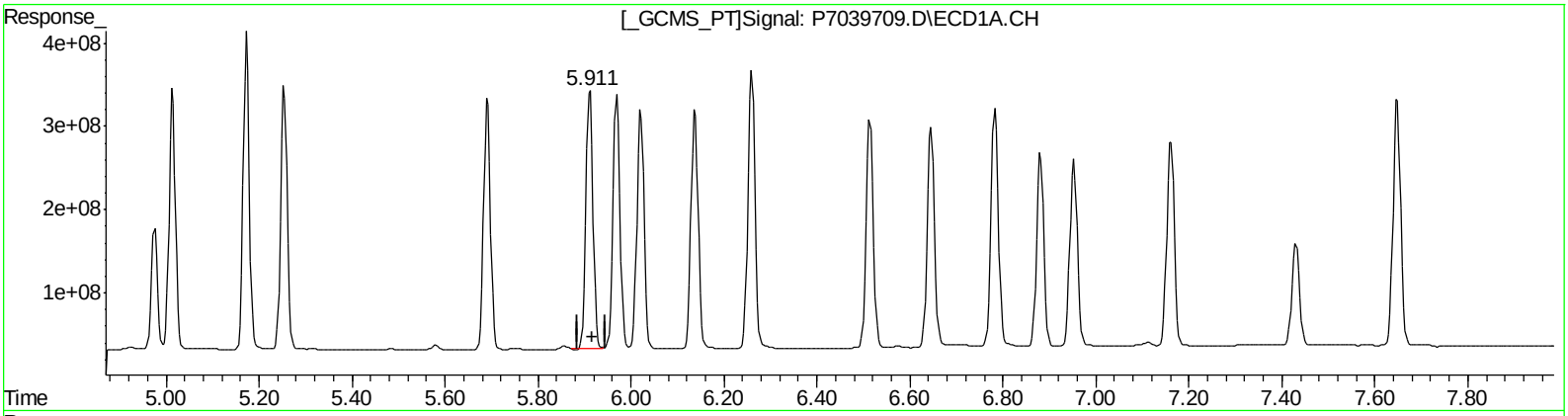
response 4593372565

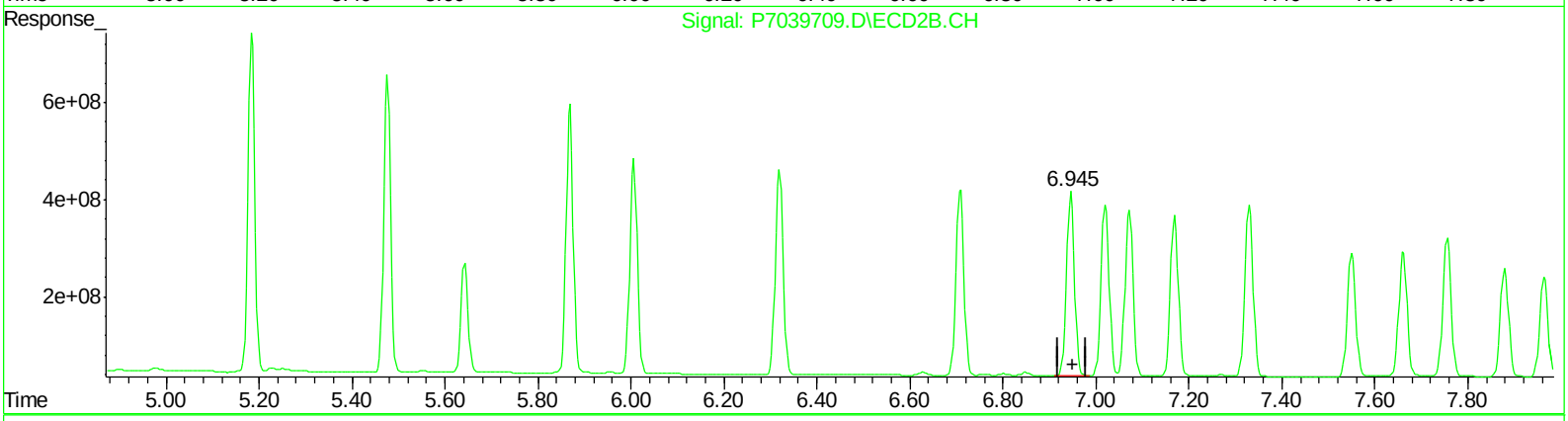
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.912min 46.984 ng/ml

response 3246301208

(10) gamma-Chlordane #2 (B)

6.947min 46.838 ng/ml

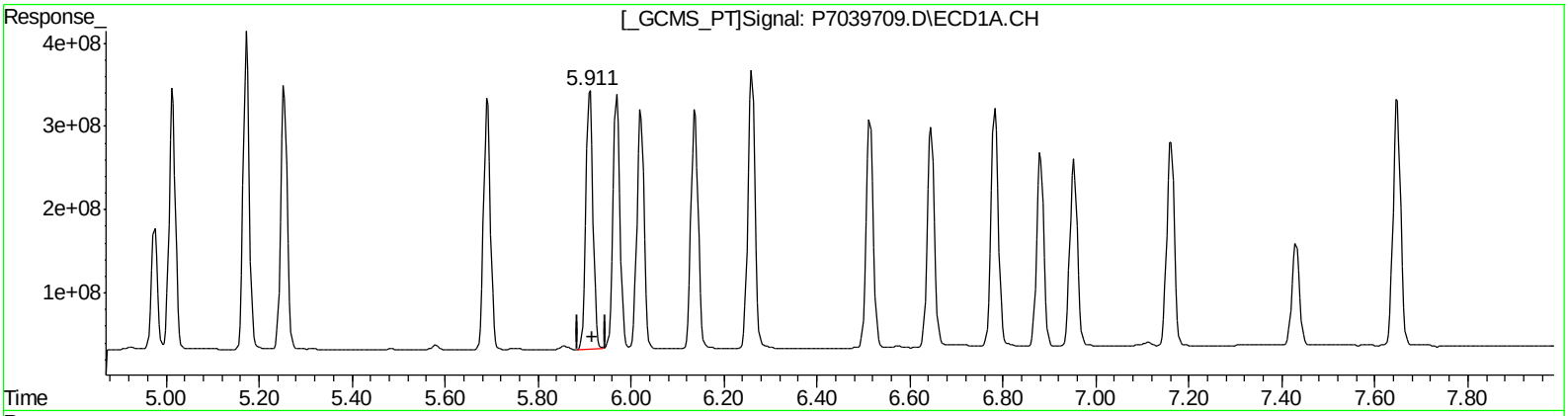
response 4510987181

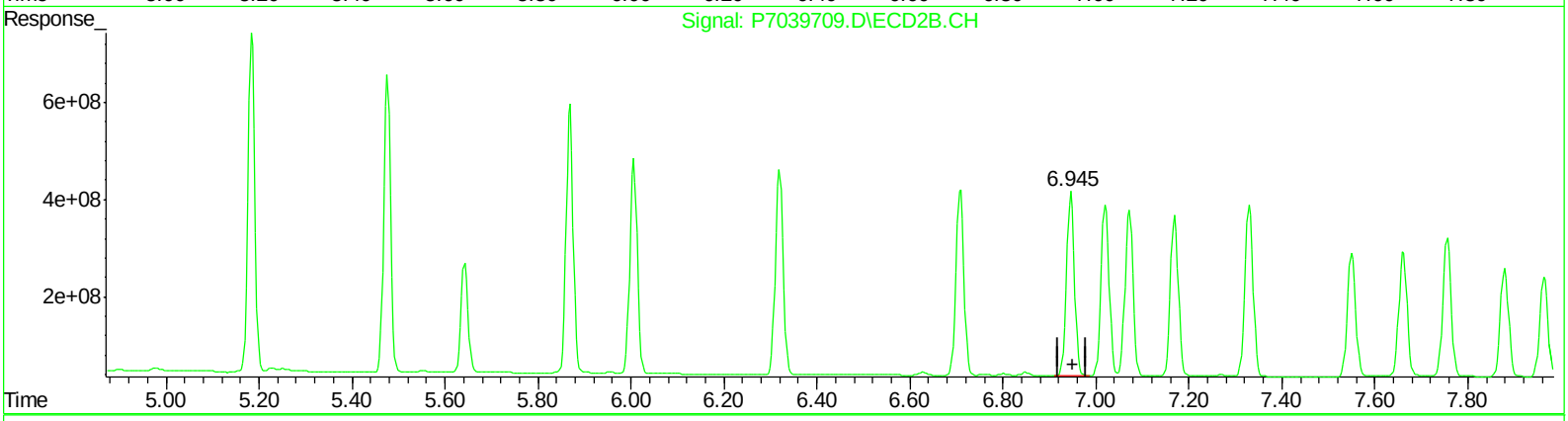
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.911min 47.261 ng/ml m

response 3265422867

(10) gamma-Chlordane #2 (B)

6.947min 46.838 ng/ml

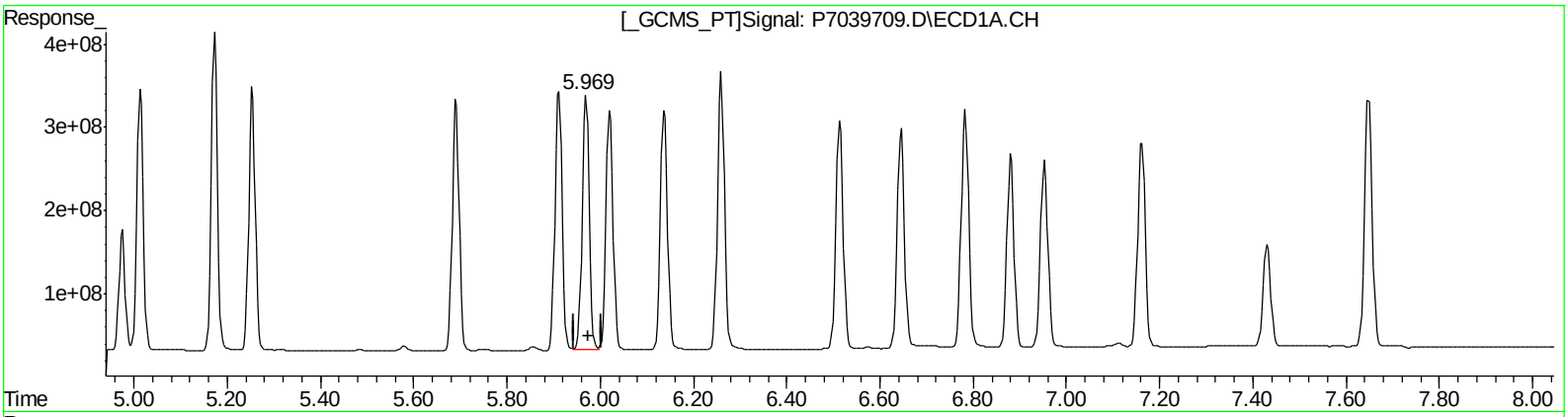
response 4510987181

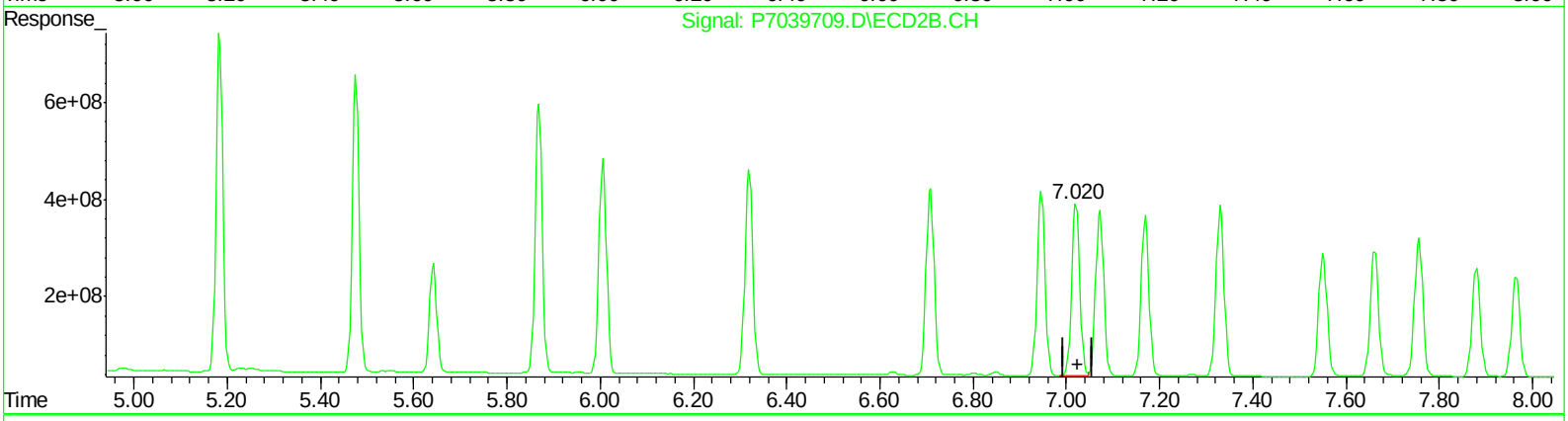
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) alpha-Chlordane (B)

5.970min 47.454 ng/ml

response 3182661195

(11) alpha-Chlordane #2 (B)

7.021min 46.707 ng/ml

response 4292760693

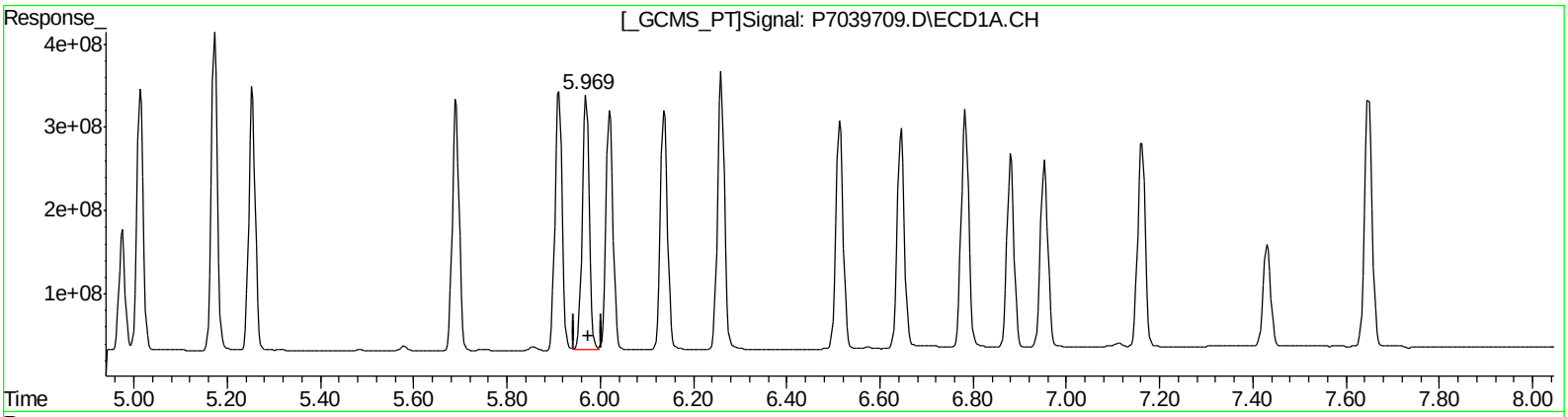
(+) = Expected Retention Time

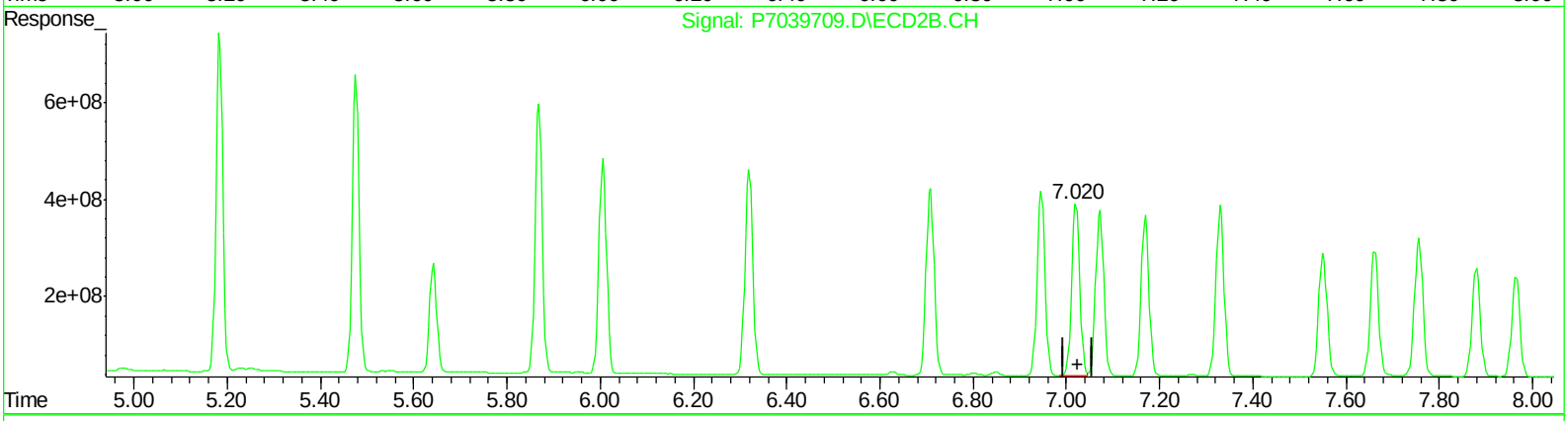
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) alpha-Chlordane (B)

5.970min 47.454 ng/ml

response 3182661195

(11) alpha-Chlordane #2 (B)

7.020min 46.778 ng/ml m

response 4299346248

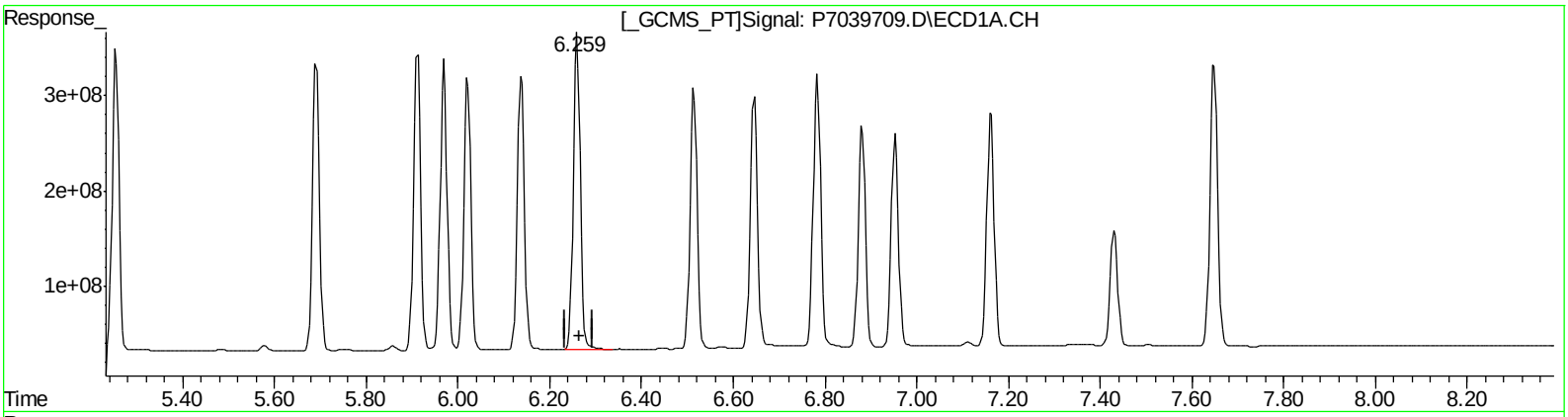
(+) = Expected Retention Time

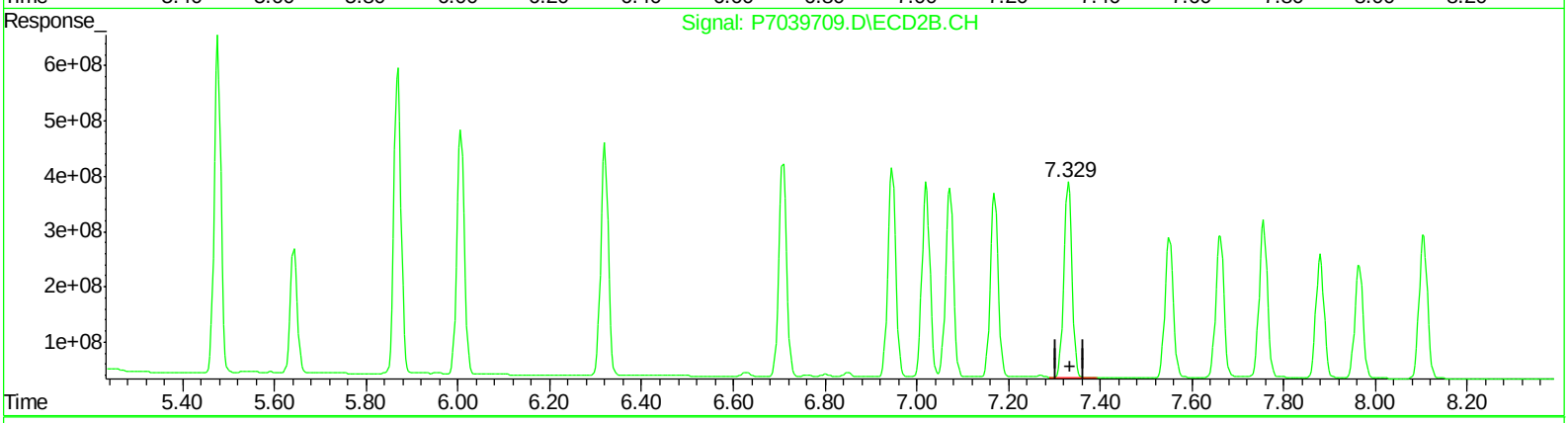
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.260min 49.168 ng/ml

response 3520475654

(13) Dieldrin #2 (MA)

7.331min 47.397 ng/ml

response 4321325270

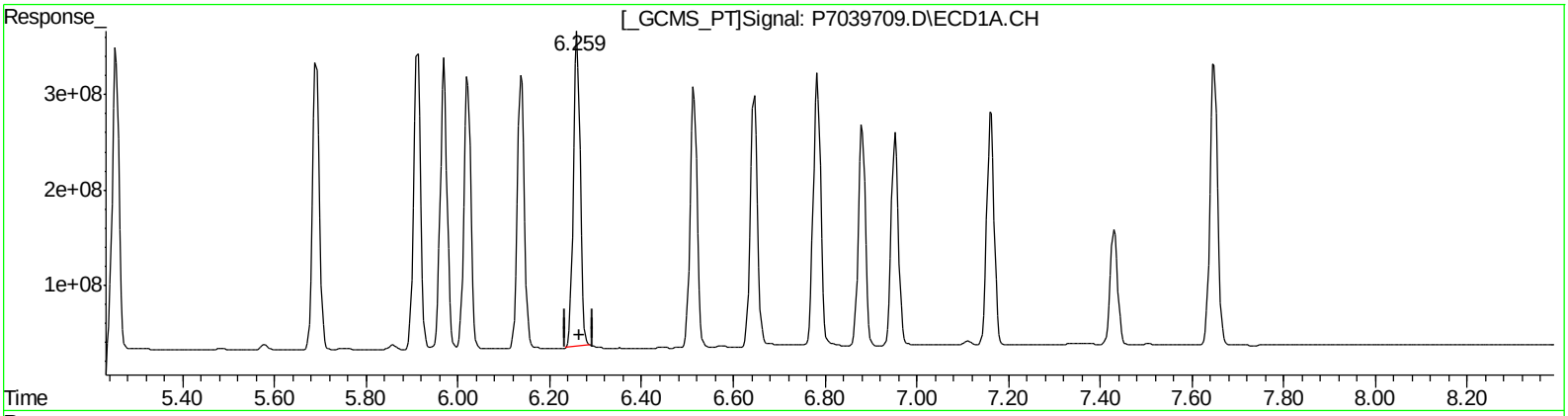
(+) = Expected Retention Time

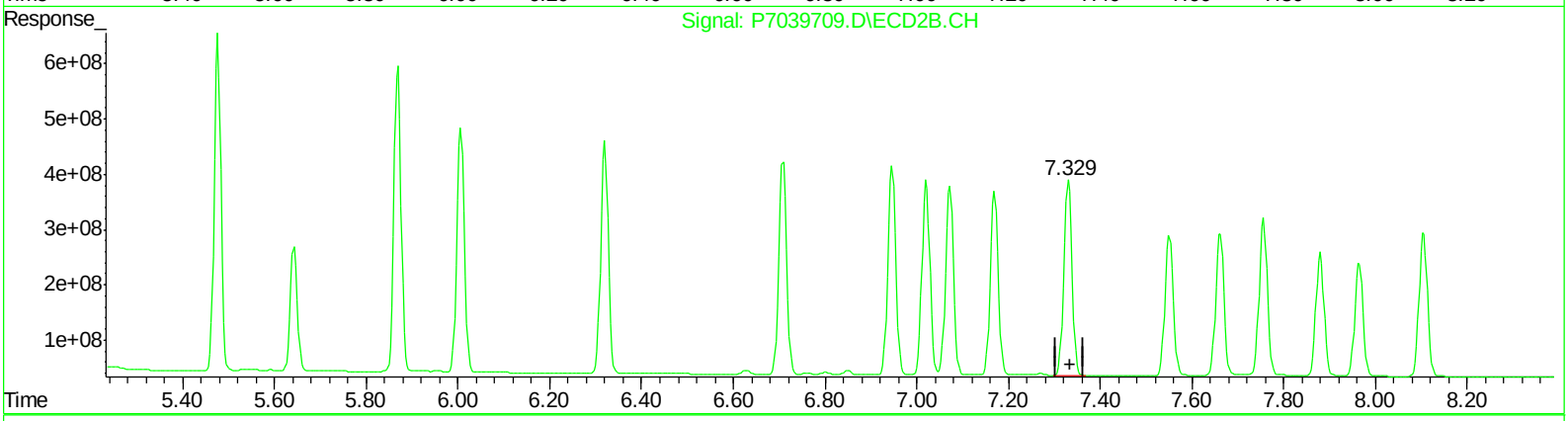
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.259min 47.825 ng/ml m

response 3424313632

(13) Dieldrin #2 (MA)

7.329min 47.344 ng/ml m

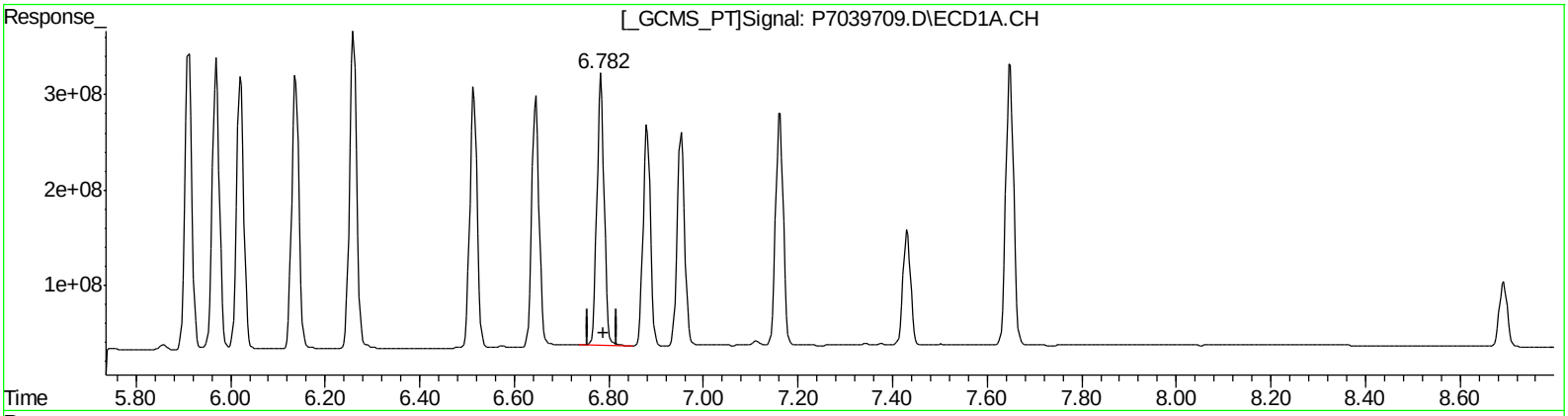
response 4316504897

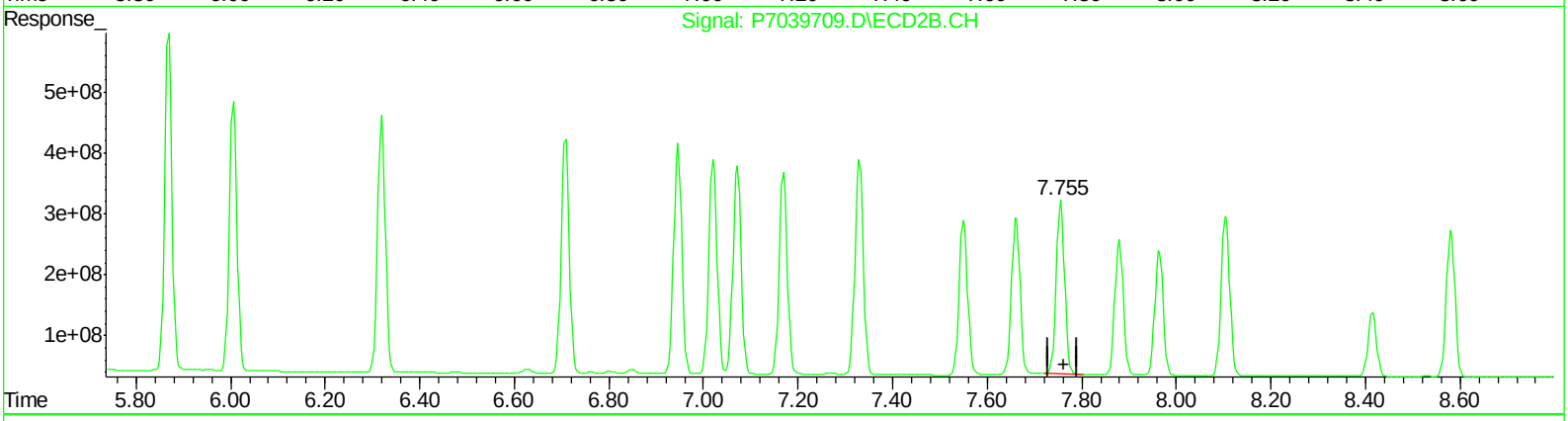
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)
6.784min 50.500 ng/ml
response 3162730383

(15) Endosulfan II #2 (B)
7.757min 47.113 ng/ml
response 3488238773

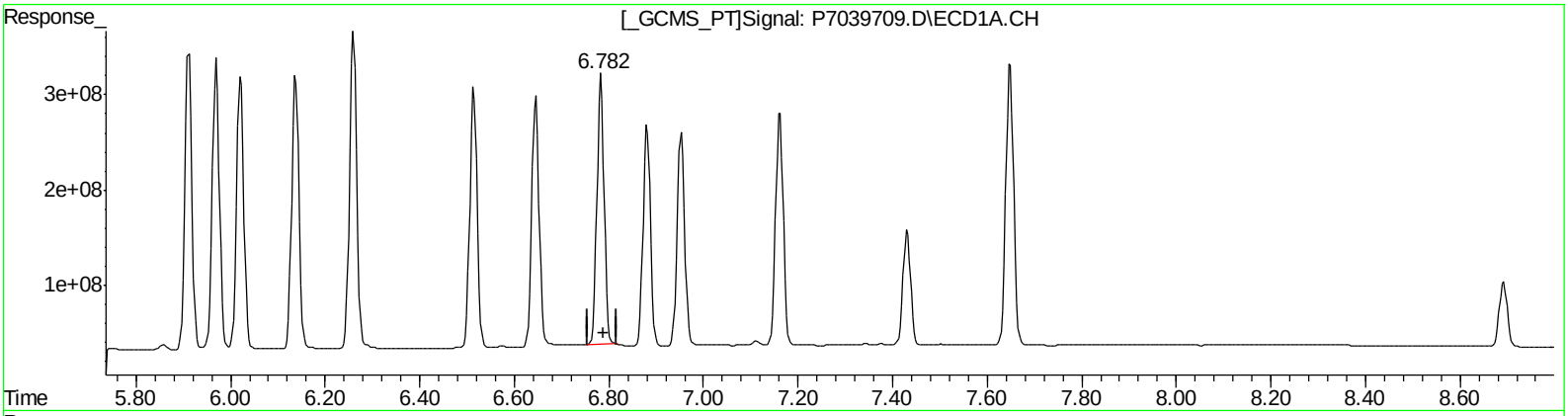
(+) = Expected Retention Time

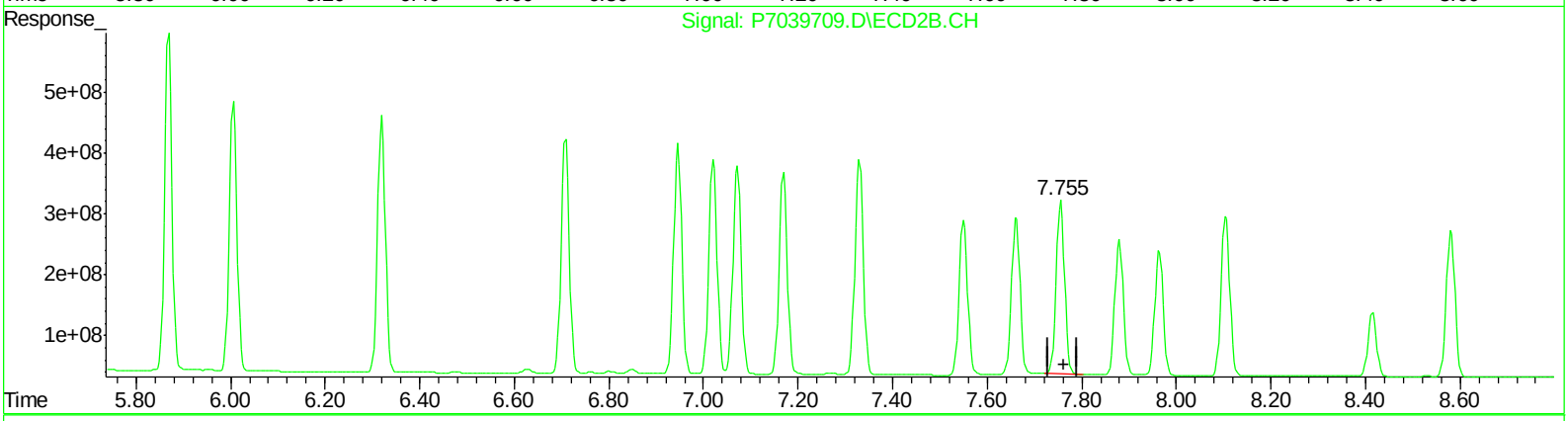
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)
6.782min 49.844 ng/ml m
response 3121646931

(15) Endosulfan II #2 (B)
7.757min 47.113 ng/ml
response 3488238773

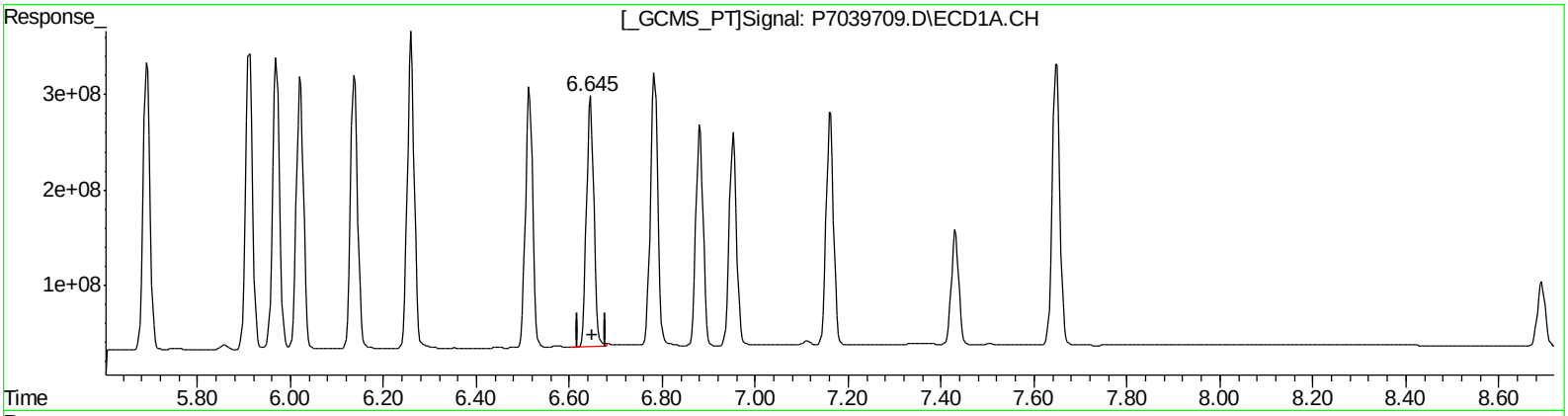
(+) = Expected Retention Time

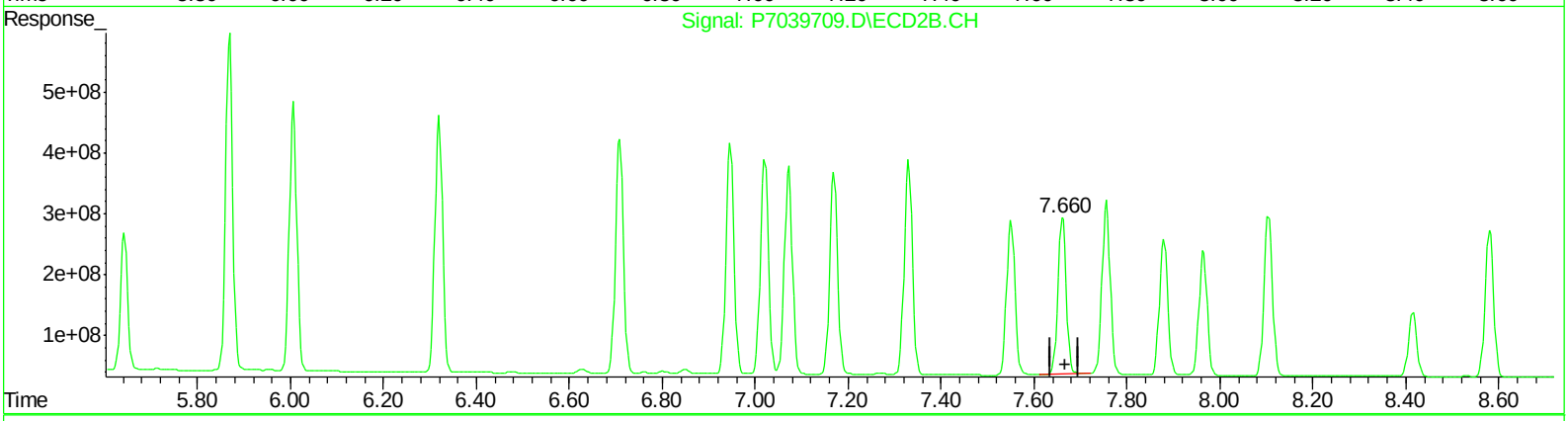
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.646min 48.138 ng/ml
response 2875156490

(16) 4,4'-DDD #2 (A)
7.662min 44.208 ng/ml
response 3208143838

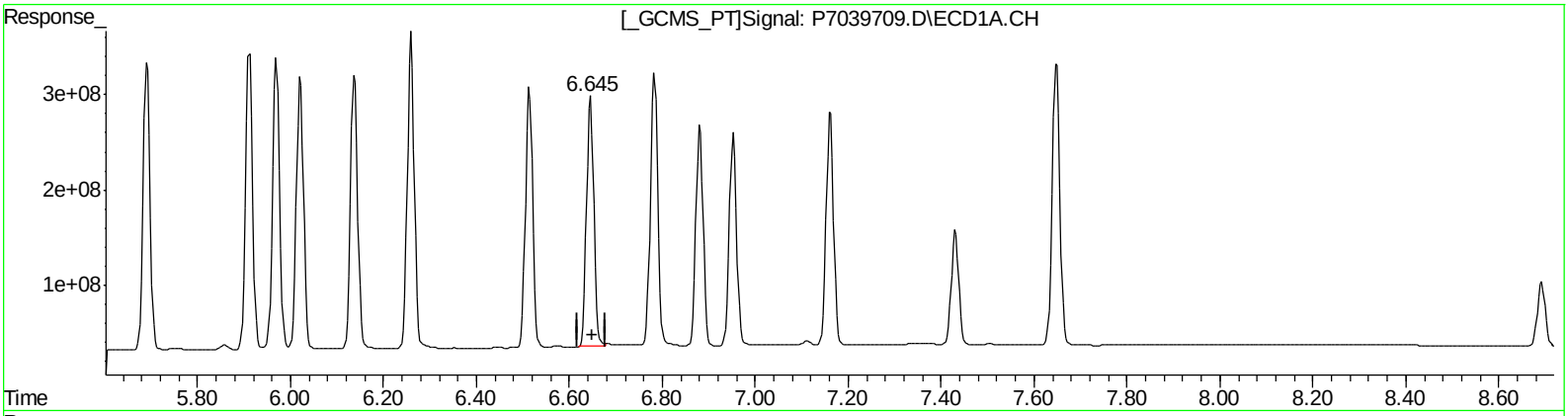
(+) = Expected Retention Time

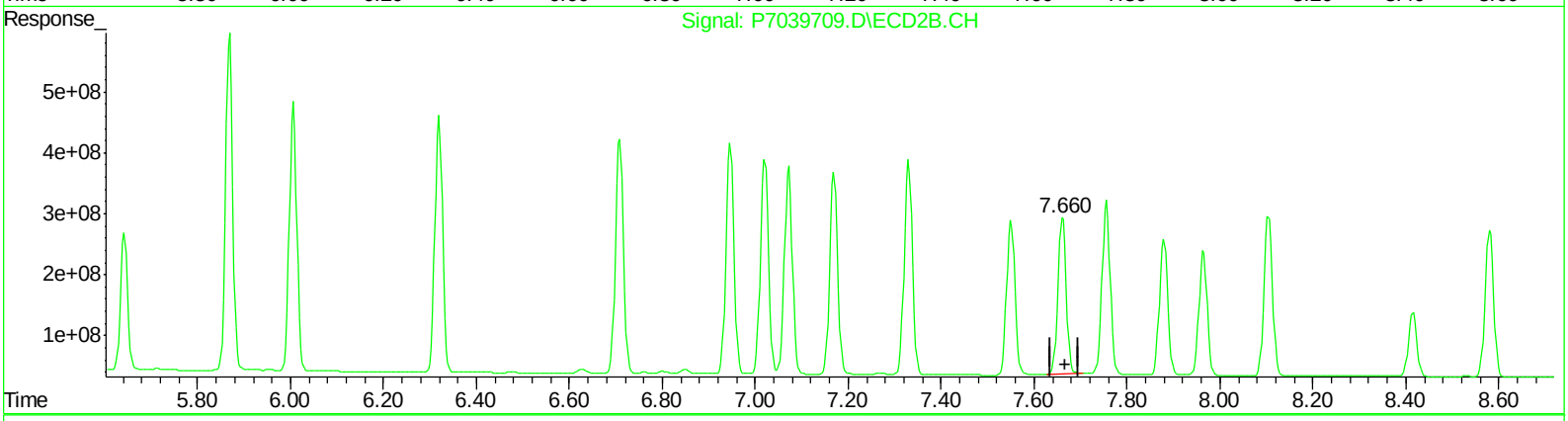
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.645min 48.003 ng/ml m
response 2867051469

(16) 4,4'-DDD #2 (A)
7.660min 44.094 ng/ml m
response 3199873813

382

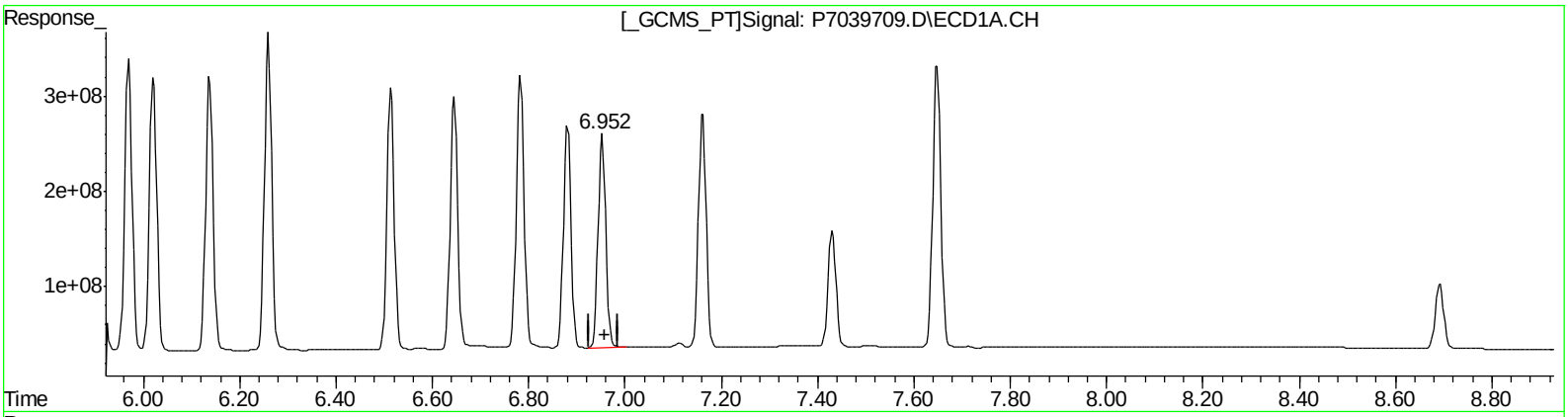
(+) = Expected Retention Time

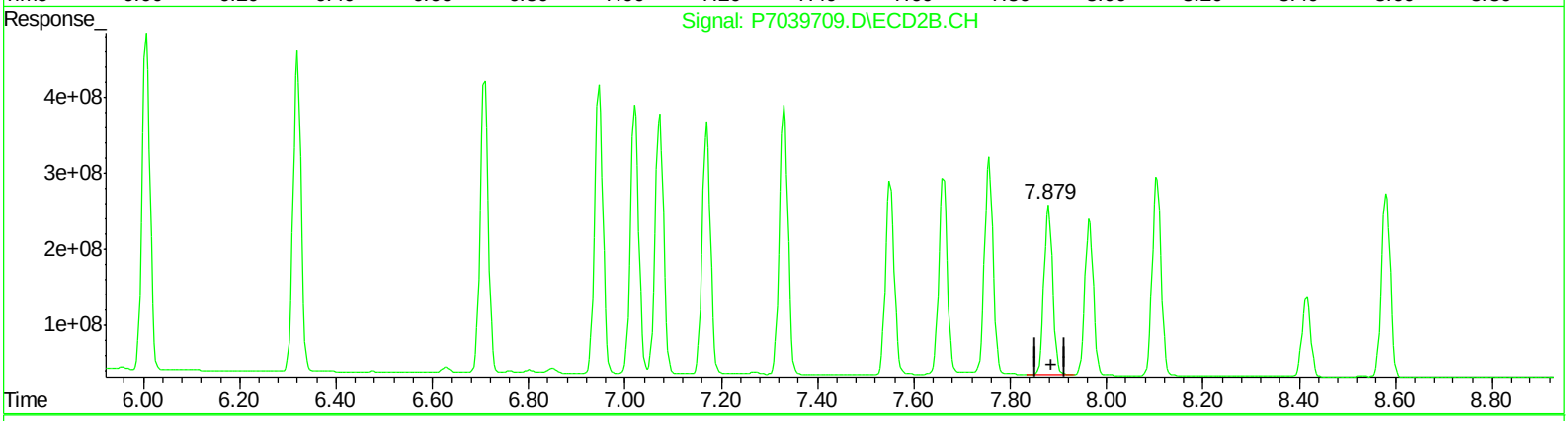
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.953min 49.231 ng/ml

response 2481841305

(18) Endrin aldehyde #2 (B)

7.880min 45.931 ng/ml

response 2810960839

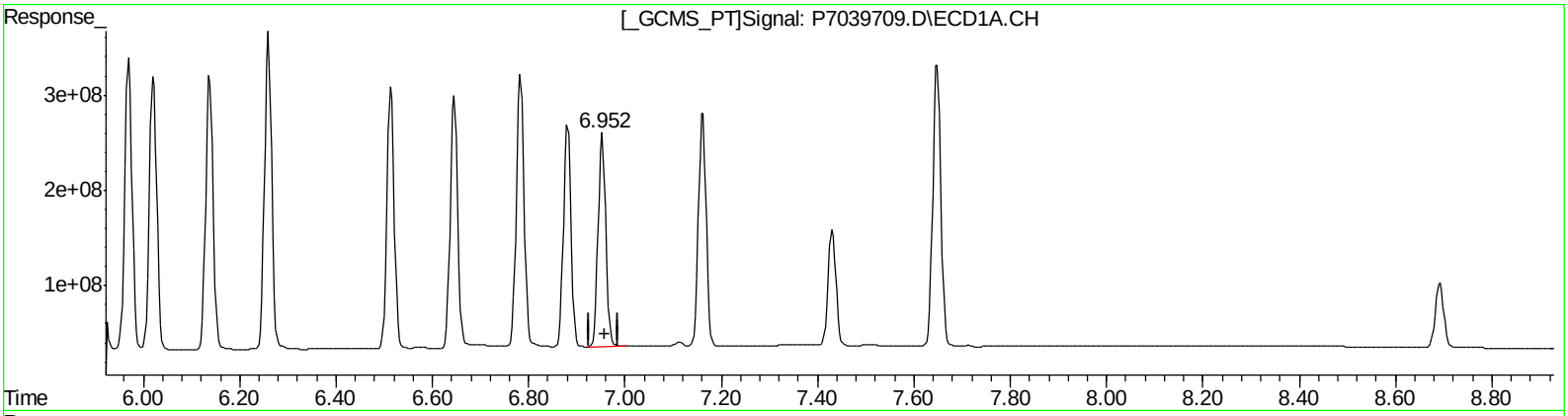
(+) = Expected Retention Time

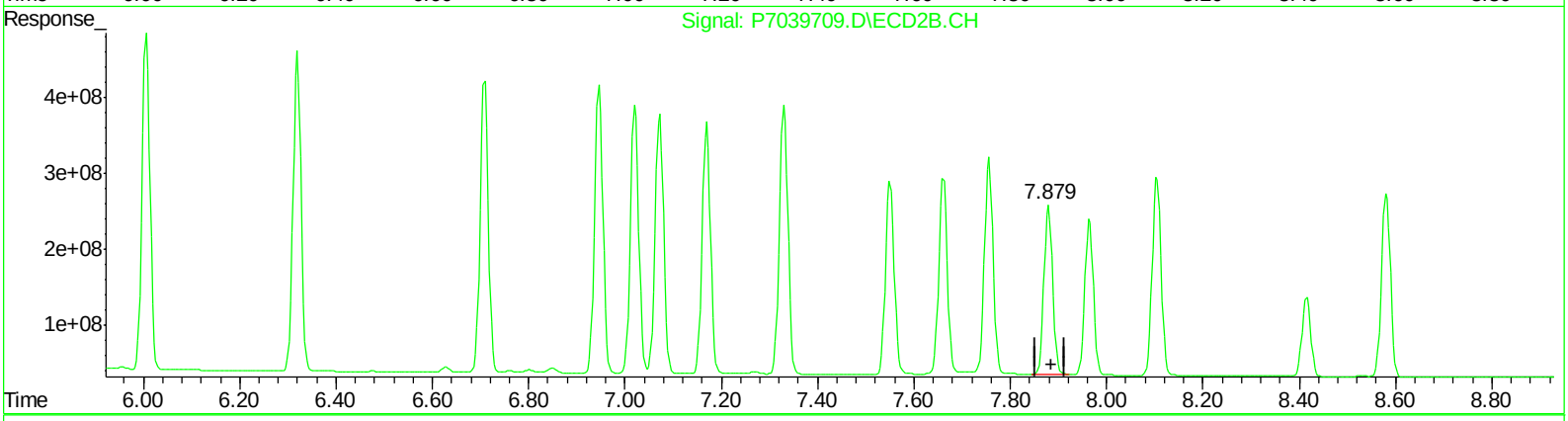
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)

6.953min 49.231 ng/ml

response 2481841305

(18) Endrin aldehyde #2 (B)

7.879min 45.966 ng/ml m

response 2813133340

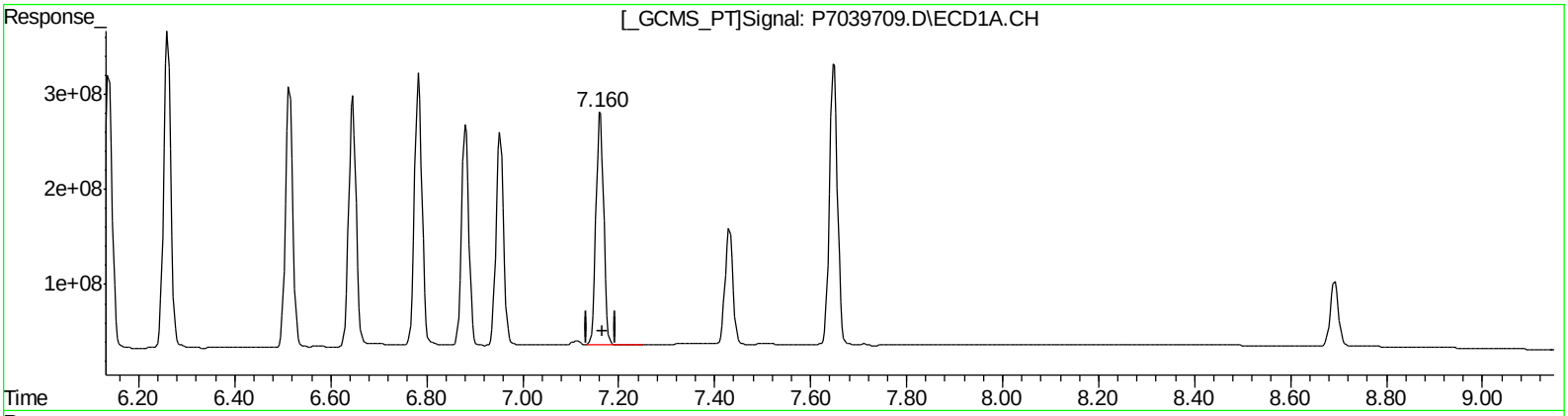
(+) = Expected Retention Time

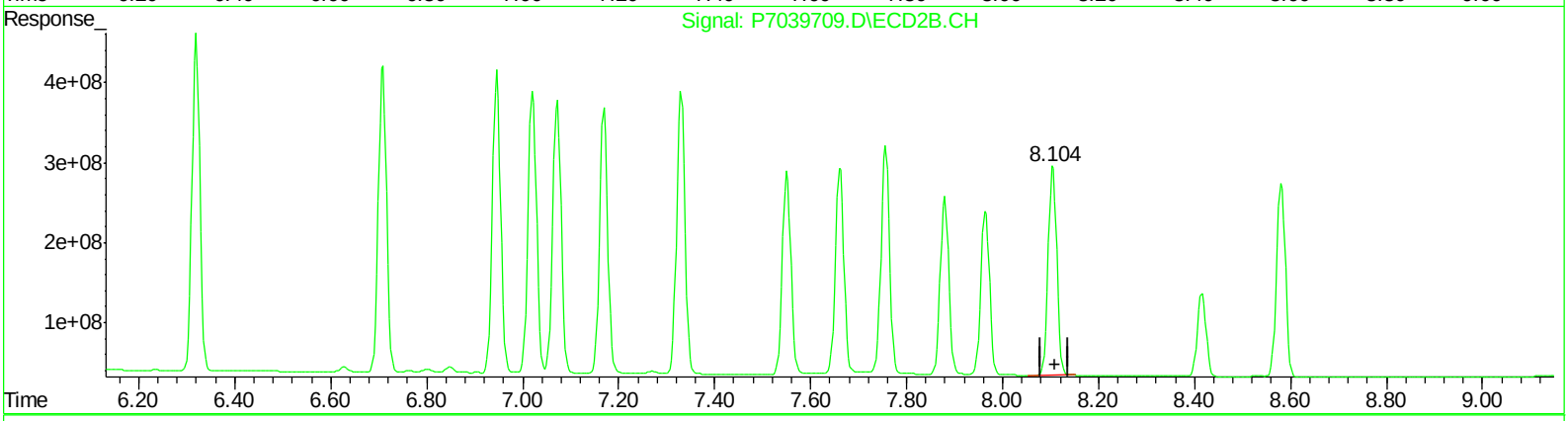
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:53
Operator : JJ
Sample   : PB43888BS
Misc   :
ALS Vial : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.162min 59.612 ng/ml

response 2767841920

(19) Endosulfan Sulfate #2 (B)

8.105min 51.374 ng/ml

response 3333459764

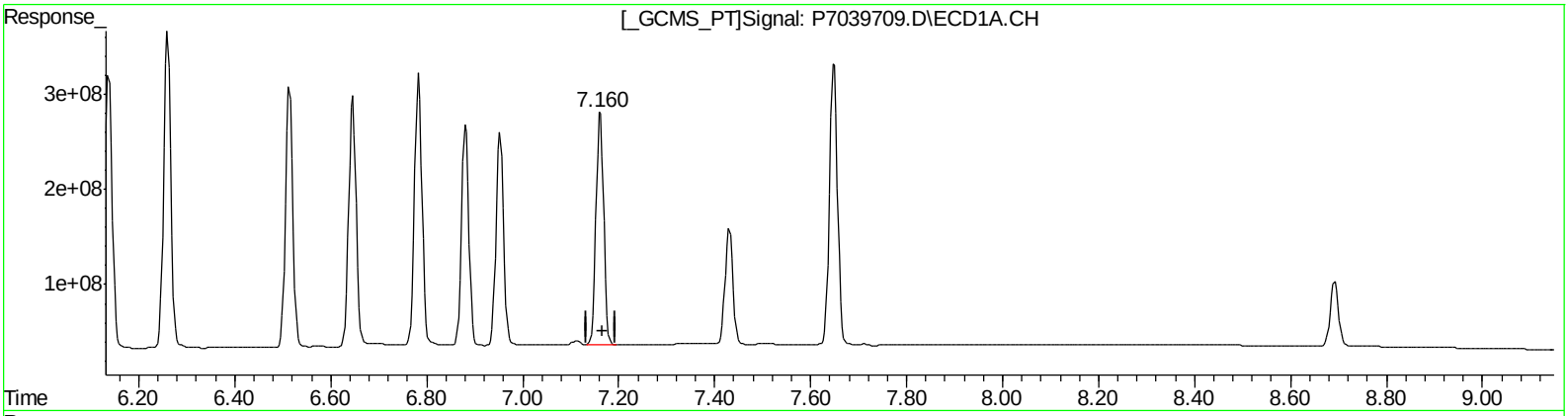
(+) = Expected Retention Time

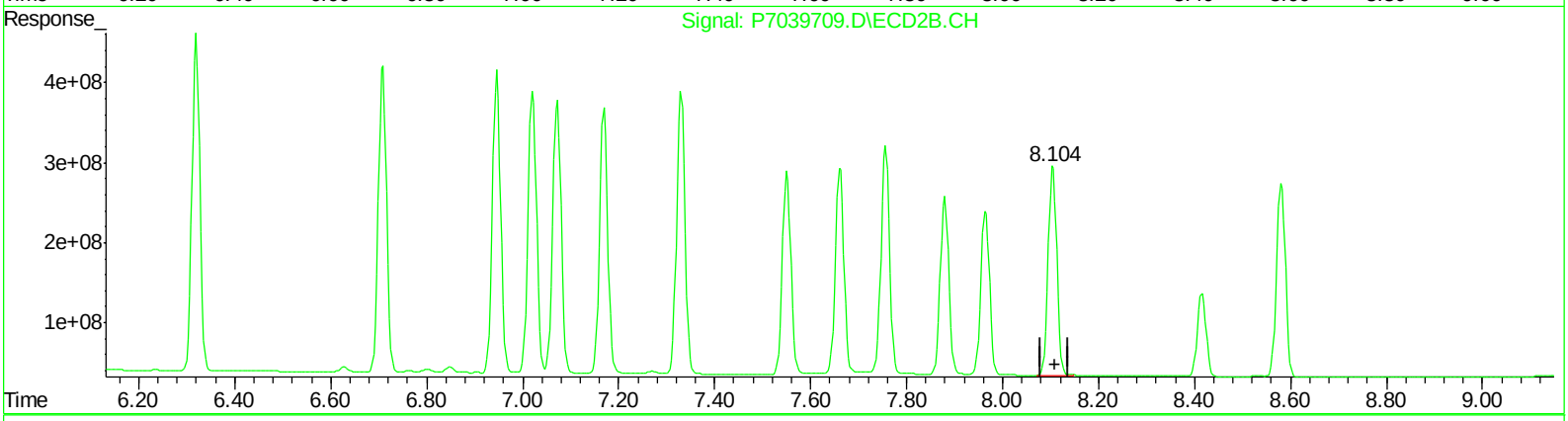
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:35:26 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.160min 59.311 ng/ml m

response 2753888272

(19) Endosulfan Sulfate #2 (B)

8.104min 51.409 ng/ml m

response 3335714484

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:53
Operator : JJ
Sample : PB43888BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:55:41 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.006	4.785	762.2E6	1520.5E6	17.118m	17.963m
22)	SA Decachlor...	8.692	10.008	817.4E6	826.9E6	17.005	16.354
	Target Compounds						
2)	A alpha-BHC	4.446	5.183	3837.6E6	6989.9E6	51.021m	53.876m
3)	MA gamma-BHC...	4.728	5.475	3533.2E6	6181.7E6	51.548	54.532m
4)	MA Heptachlor	5.013	6.007	2981.5E6	5007.1E6	51.840m	52.668
5)	MB Aldrin	5.255	6.320	3113.1E6	4834.0E6	45.520	46.467
6)	B beta-BHC	4.974	5.643	1322.2E6	2367.5E6	50.517m	54.084
7)	B delta-BHC	5.174	5.868	3520.3E6	5890.5E6	51.821	53.483m
8)	B Heptachlo...	5.690	6.709	3133.3E6	4593.4E6	49.433m	49.583
9)	A Endosulfan I	6.021	7.073	3037.3E6	4124.6E6	49.016	48.425
10)	B gamma-Chl...	5.911	6.947	3265.4E6	4511.0E6	47.261m	46.838
11)	B alpha-Chl...	5.970	7.020	3182.7E6	4299.3E6	47.454	46.778m
12)	B 4,4'-DDE	6.138	7.170	3075.7E6	3933.2E6	45.867	44.378
13)	MA Dieldrin	6.259	7.329	3424.3E6	4316.5E6	47.825m	47.344m
14)	MA Endrin	6.515	7.551	2920.9E6	3196.7E6	51.313	48.508
15)	B Endosulfa...	6.782	7.757	3121.6E6	3488.2E6	49.844m	47.113
16)	A 4,4'-DDD	6.645	7.660	2867.1E6	3199.9E6	48.003m	44.094m
17)	MA 4,4'-DDT	6.881	7.965	2509.8E6	2559.3E6	48.975	49.557
18)	B Endrin al...	6.953	7.879	2481.8E6	2813.1E6	49.231	45.966m
19)	B Endosulfa...	7.160	8.104	2753.9E6	3335.7E6	59.311m	51.409m
20)	A Methoxychlor	7.431	8.416	1355.6E6	1302.9E6	55.258	48.680
21)	B Endrin ke...	7.649	8.581	3398.1E6	3091.2E6	54.514	51.485

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43888BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43888BSD

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039710.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

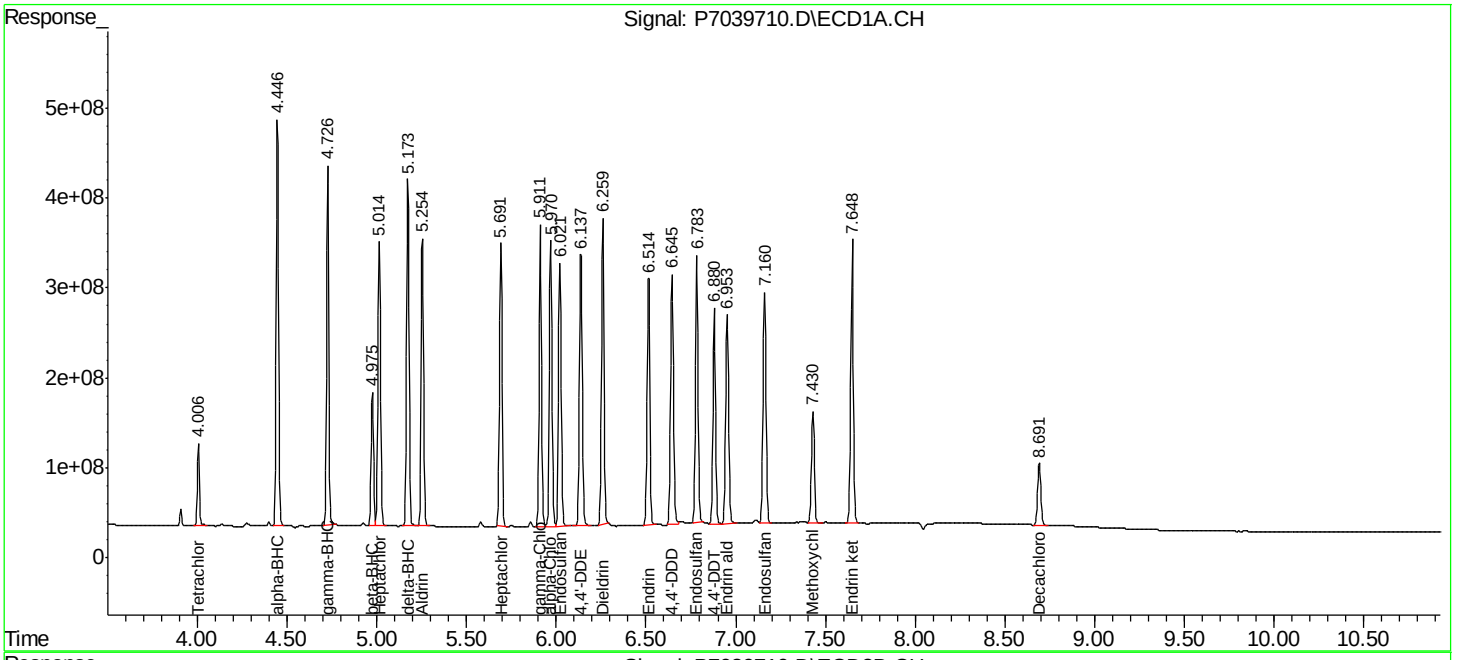
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.55	
319-85-7	beta-BHC	0.55	
319-86-8	delta-BHC	0.55	
58-89-9	gamma-BHC (Lindane)	0.56	
76-44-8	Heptachlor	0.54	
309-00-2	Aldrin	0.48	
1024-57-3	Heptachlor epoxide	0.51	
959-98-8	Endosulfan I	0.51	
60-57-1	Dieldrin	0.49	
72-55-9	4,4'-DDE	0.48	
72-20-8	Endrin	0.53	
33213-65-9	Endosulfan II	0.51	
72-54-8	4,4'-DDD	0.50	
1031-07-8	Endosulfan sulfate	0.61	
50-29-3	4,4'-DDT	0.52	
72-43-5	Methoxychlor	0.57	
53494-70-5	Endrin ketone	0.56	
7421-93-4	Endrin aldehyde	0.51	
5103-71-9	alpha-Chlordane	0.49	
5103-74-2	gamma-Chlordane	0.49	
8001-35-2	Toxaphene	0.50	U

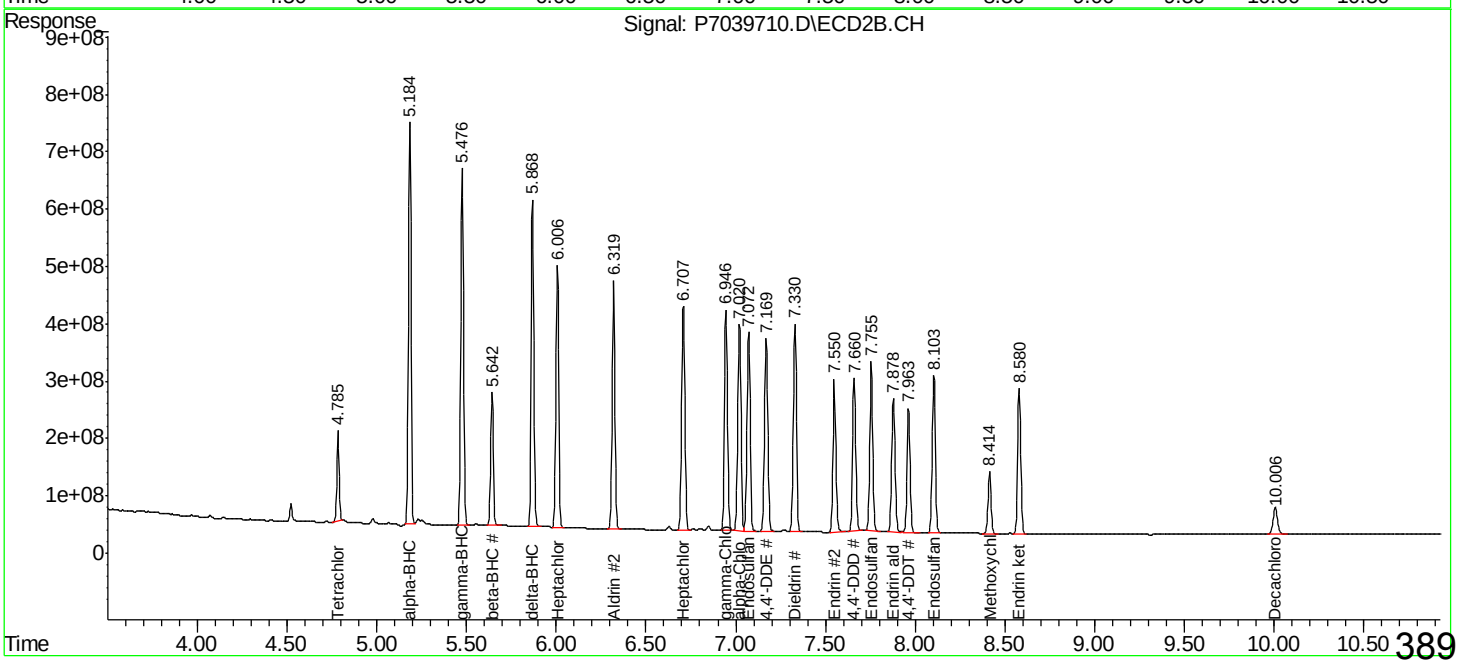
Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:11:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



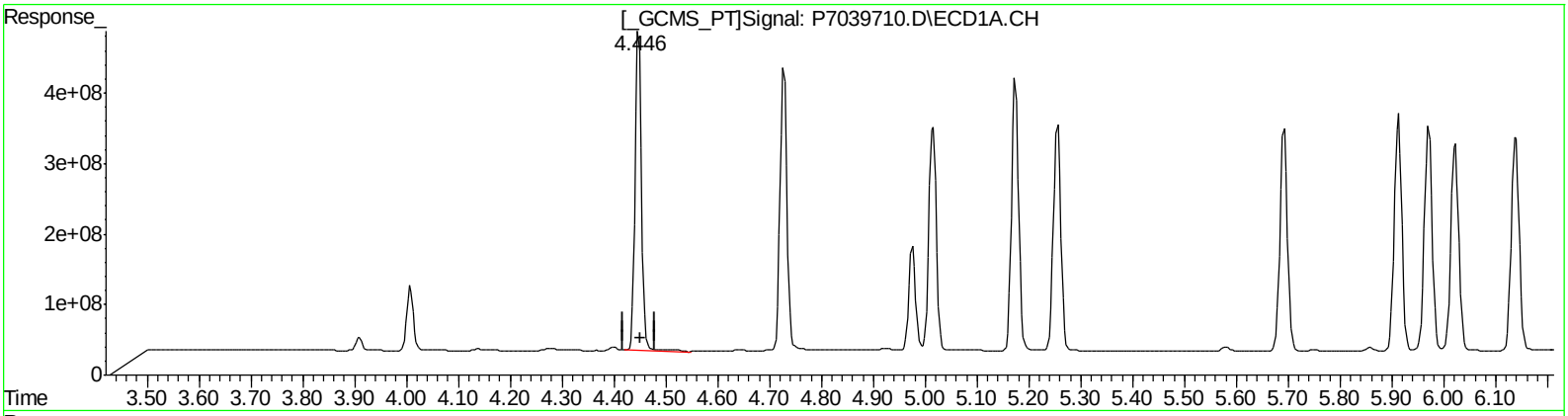


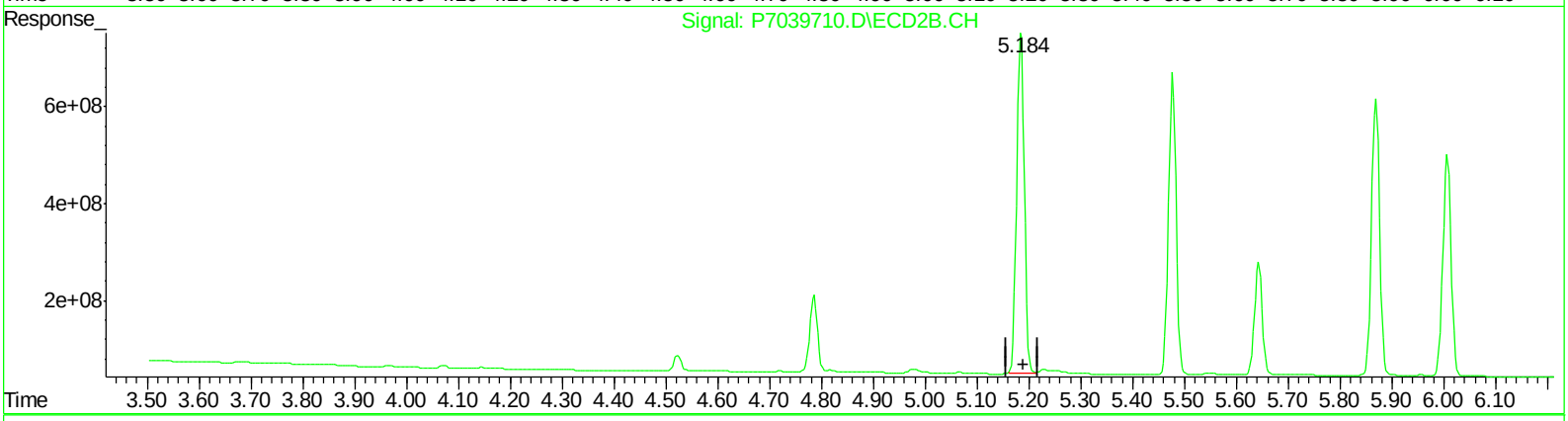
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.448min 53.604 ng/ml

response 4031893218

(2) alpha-BHC #2 (A)

5.185min 55.206 ng/ml

response 7162397099

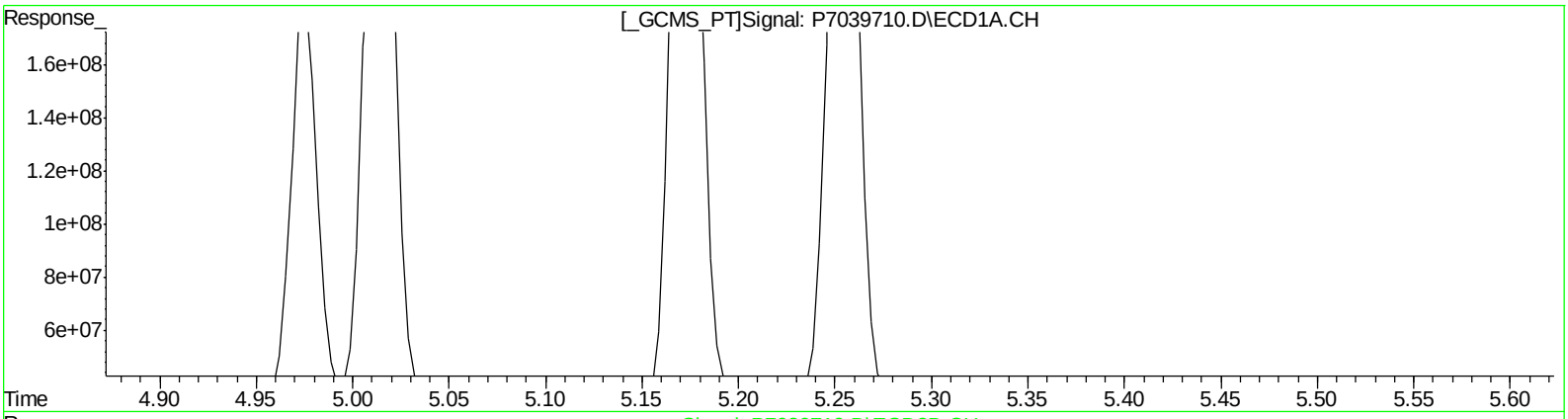
(+) = Expected Retention Time

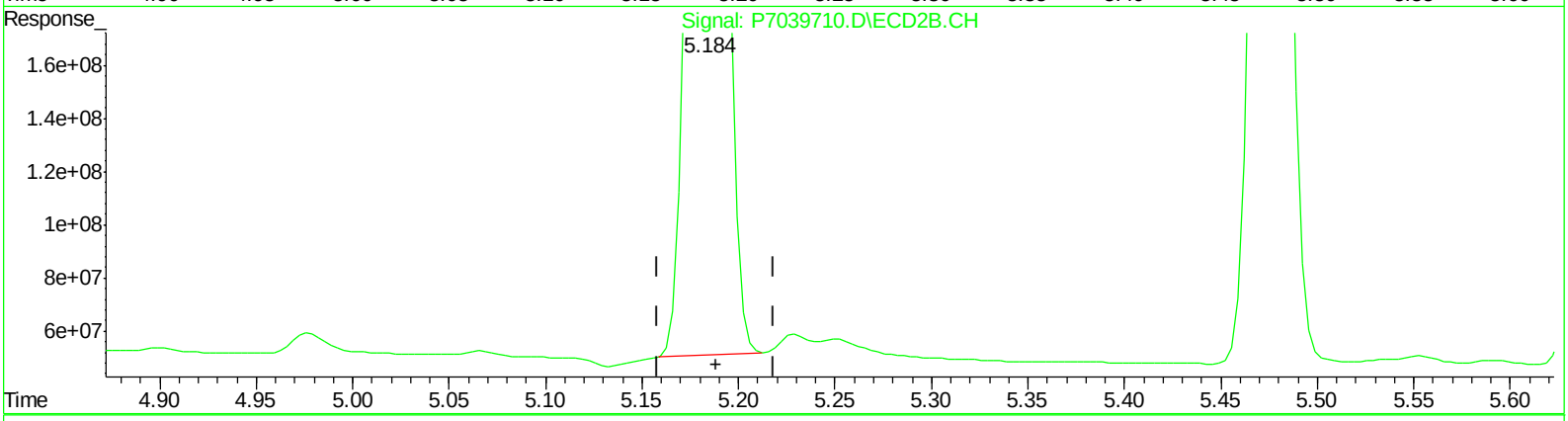
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 52.383 ng/ml m

response 3940034446

(2) alpha-BHC #2 (A)

5.184min 55.311 ng/ml m

response 7175956452

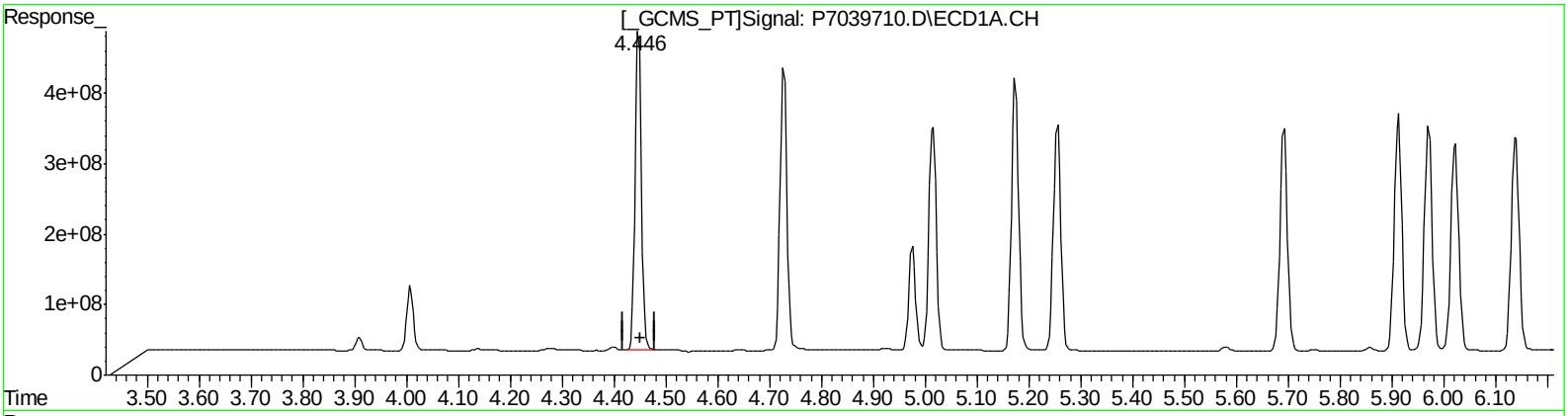
(+) = Expected Retention Time

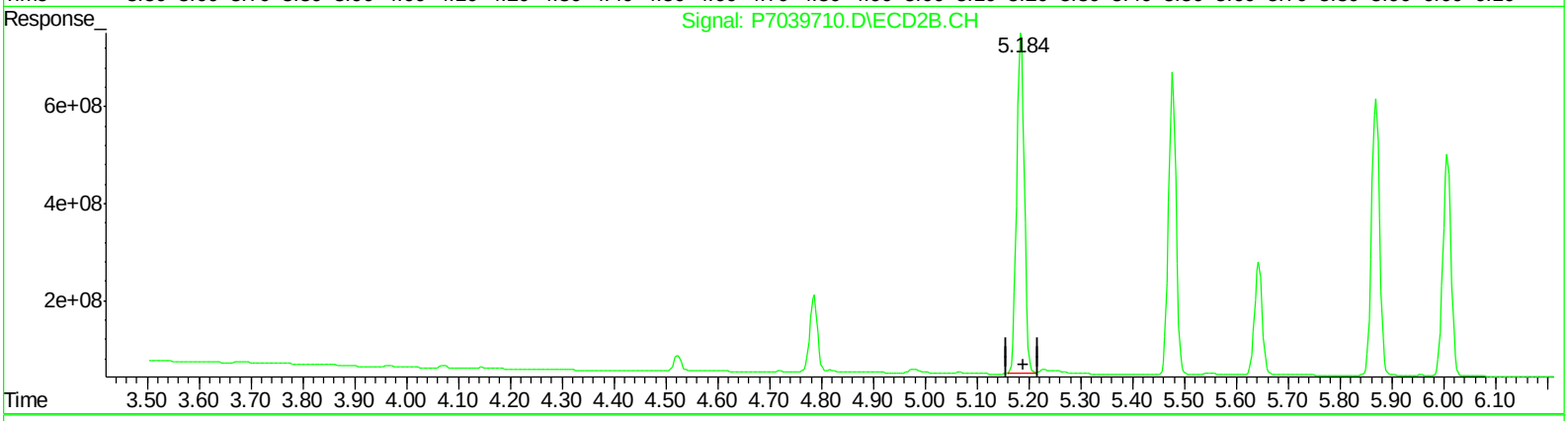
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.446min 52.383 ng/ml m

response 3940034446

(2) alpha-BHC #2 (A)

5.184min 55.311 ng/ml m

response 7175956452

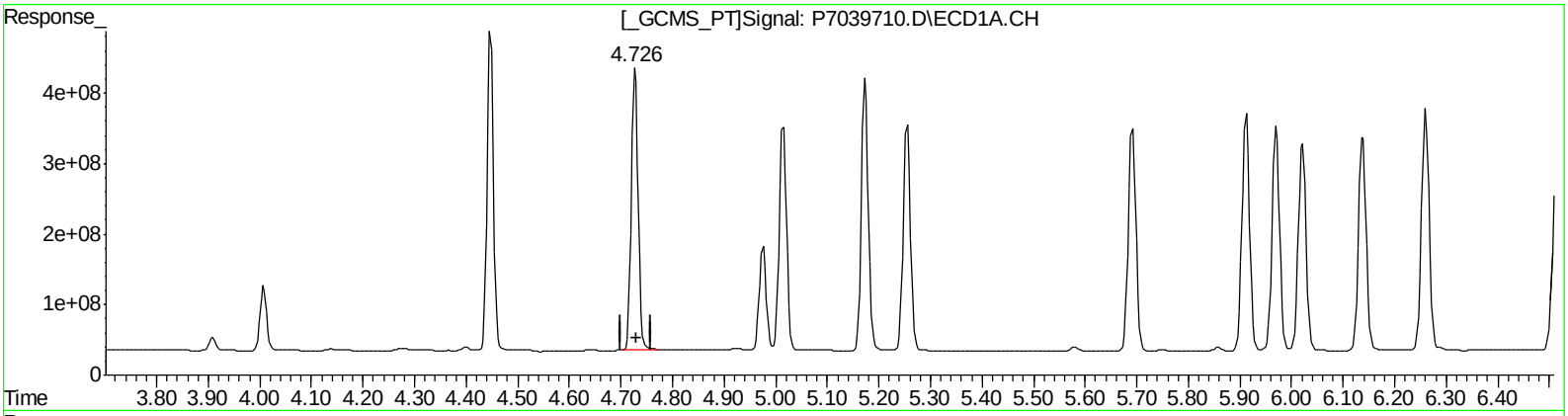
(+) = Expected Retention Time

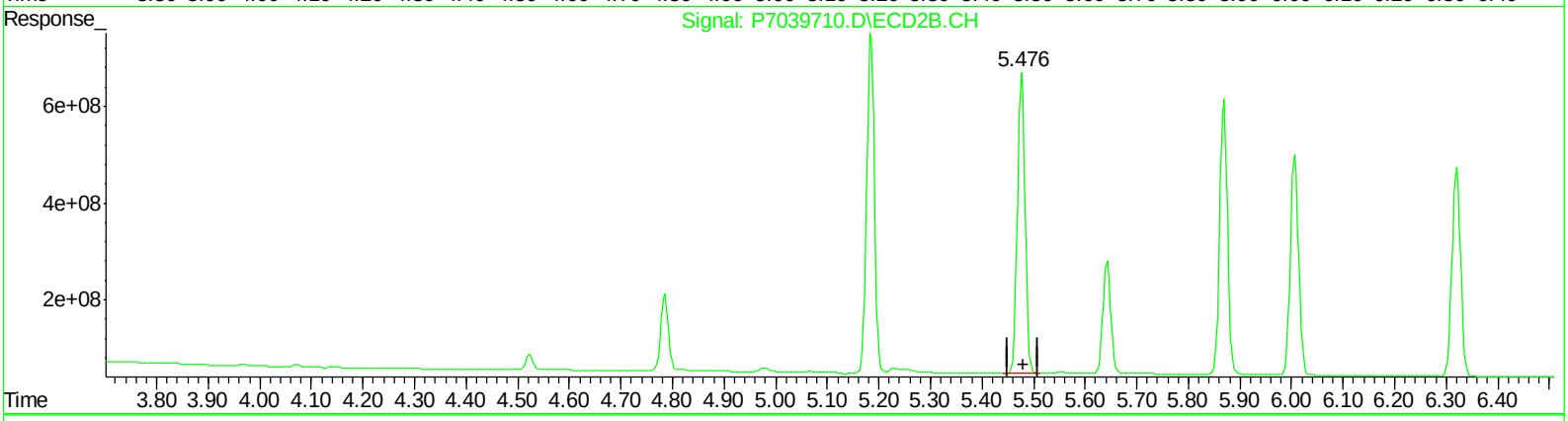
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 53.069 ng/ml

response 3637514937

(3) gamma-BHC (Lindane) #2 (MA)

5.477min 55.943 ng/ml

response 6341658925

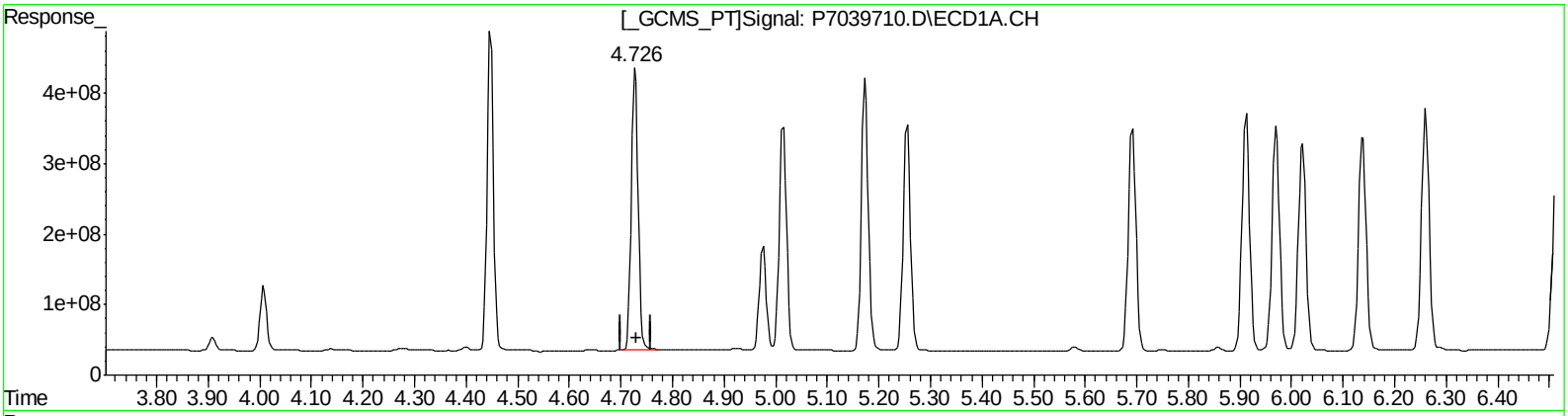
(+) = Expected Retention Time

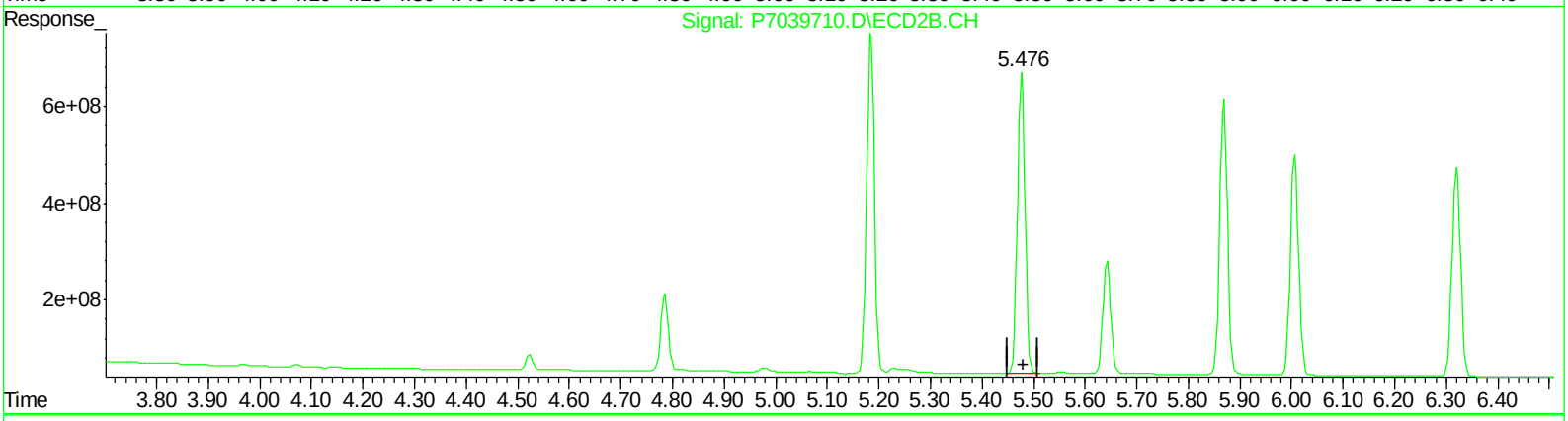
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.728min 53.069 ng/ml

response 3637514937

(3) gamma-BHC (Lindane) #2 (MA)

5.476min 55.945 ng/ml m

response 6341882272

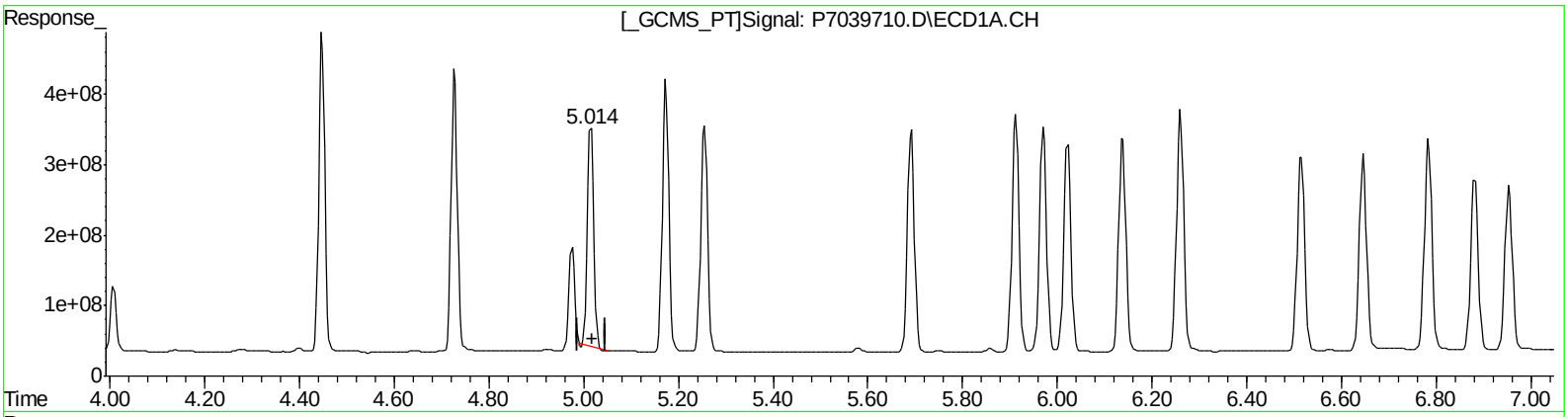
(+) = Expected Retention Time

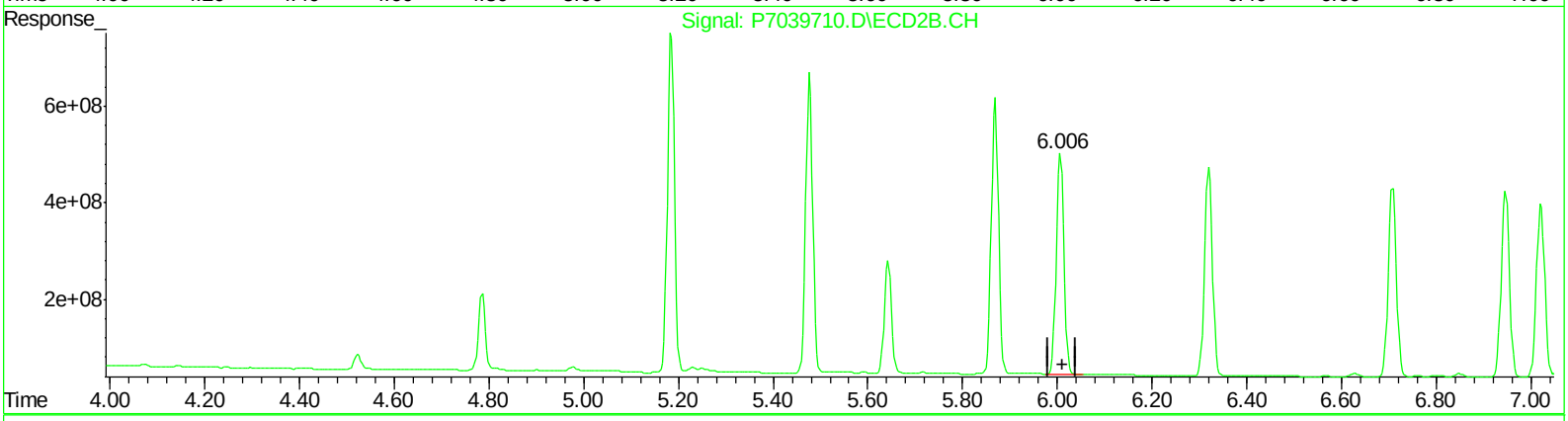
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(4) Heptachlor (MA)

5.015min 50.388 ng/ml

response 2897988304

(4) Heptachlor #2 (MA)

6.007min 54.067 ng/ml

response 5140096723

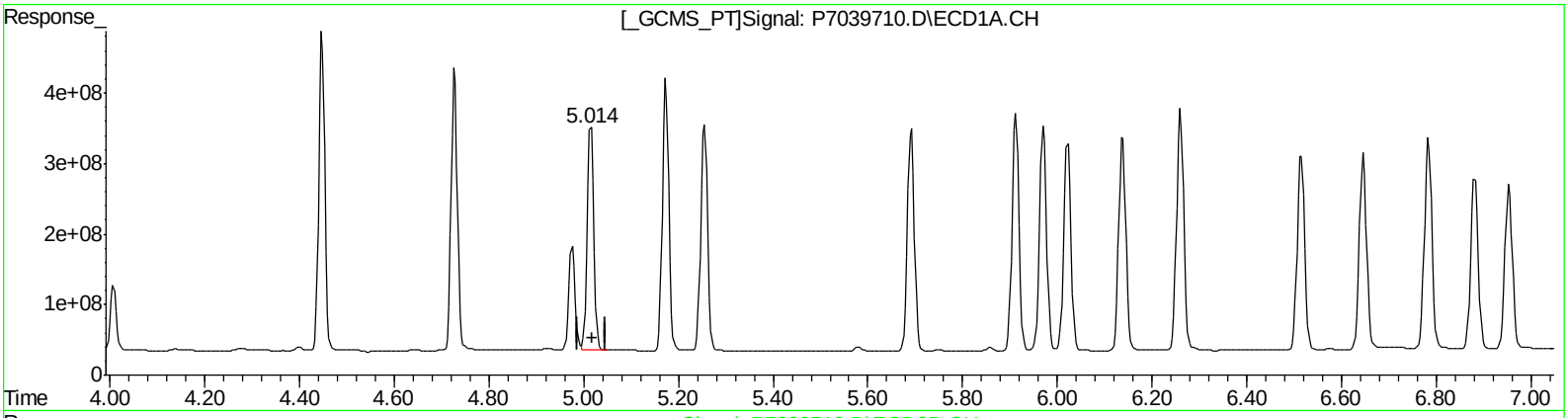
(+) = Expected Retention Time

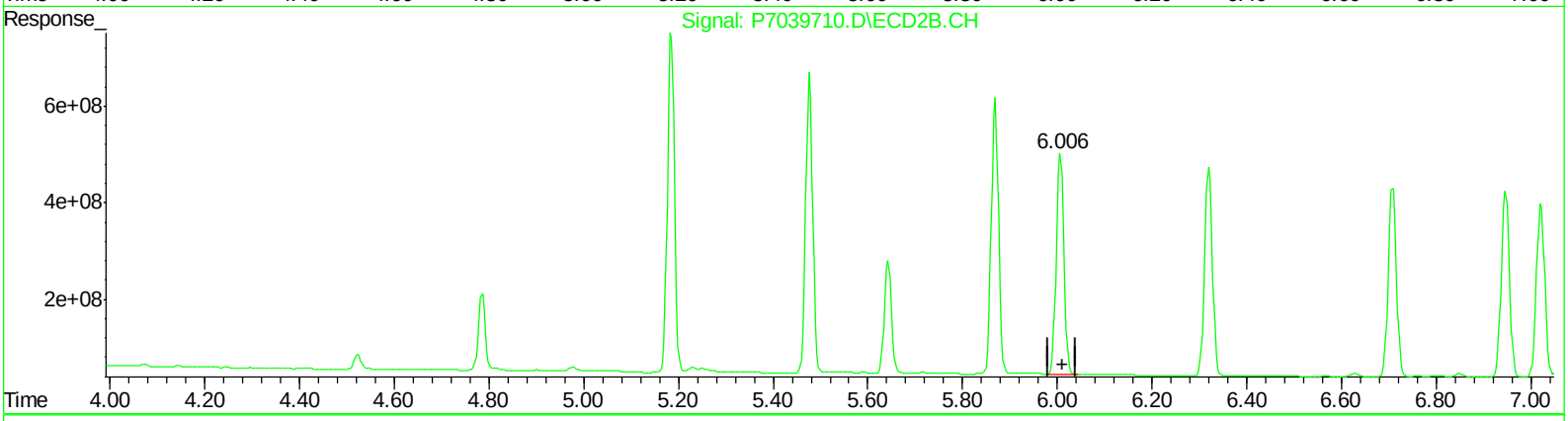
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(4) Heptachlor (MA)

5.014min 53.428 ng/ml m

response 3072851014

(4) Heptachlor #2 (MA)

6.006min 54.074 ng/ml m

response 5140794139

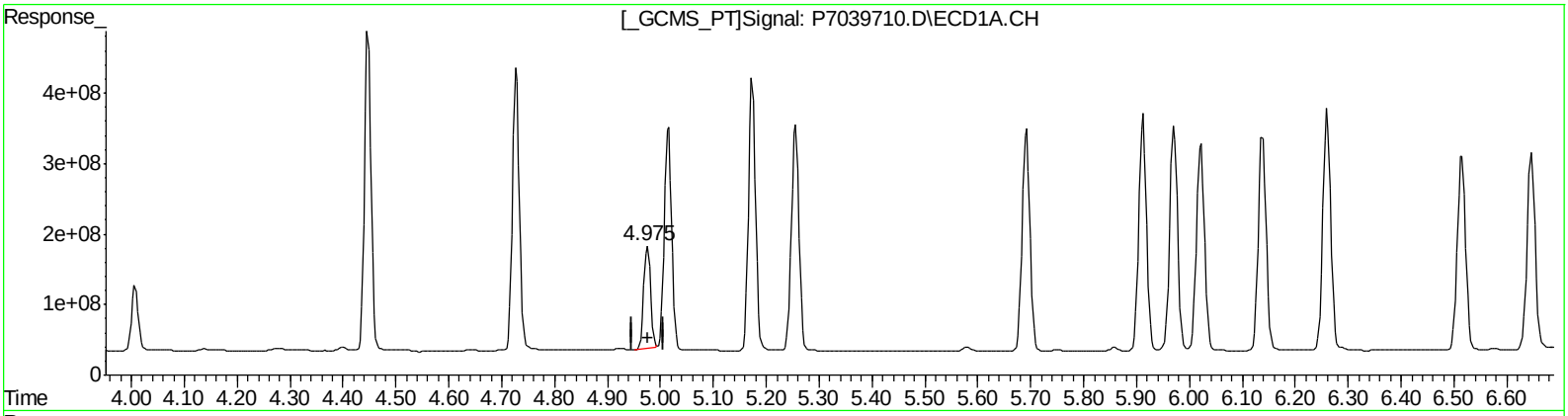
(+) = Expected Retention Time

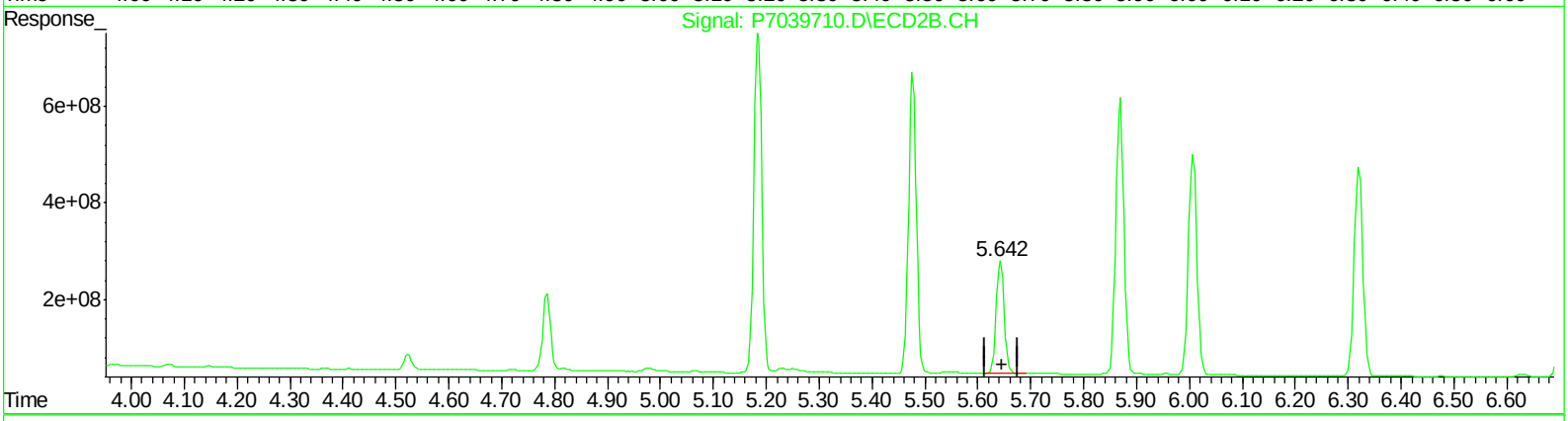
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.976min 50.144 ng/ml

response 1312417371

(6) beta-BHC #2 (B)

5.643min 55.471 ng/ml

response 2428174548

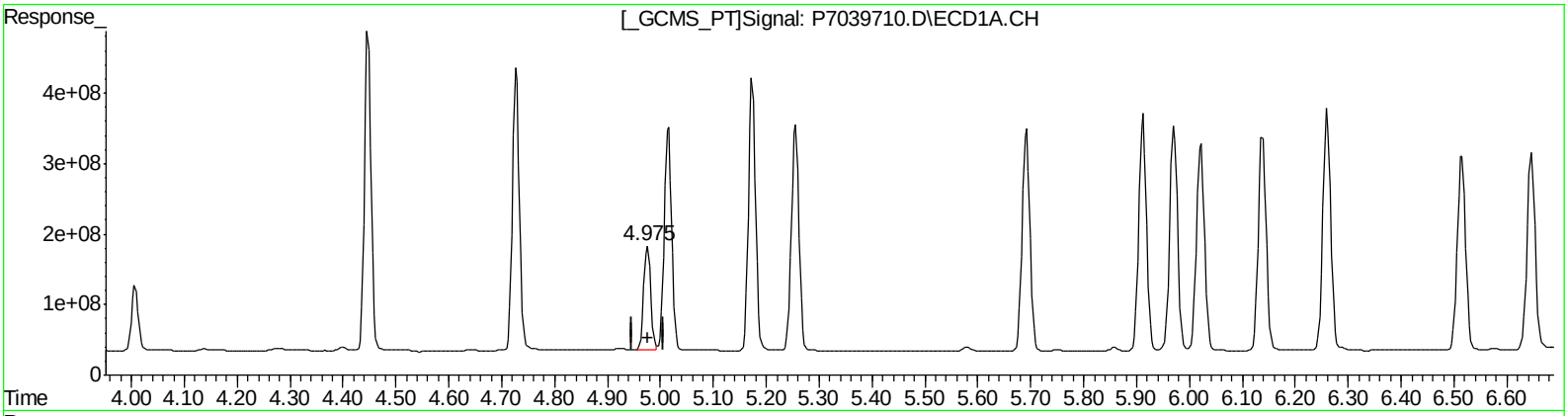
(+) = Expected Retention Time

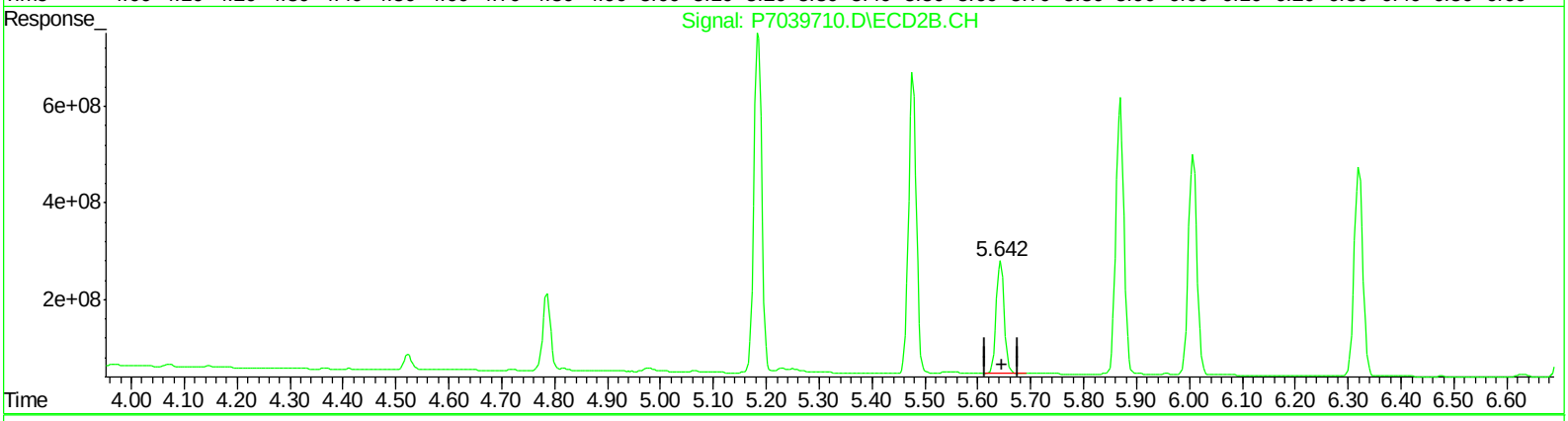
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.975min 51.726 ng/ml m

response 1353814126

(6) beta-BHC #2 (B)

5.643min 55.471 ng/ml

response 2428174548

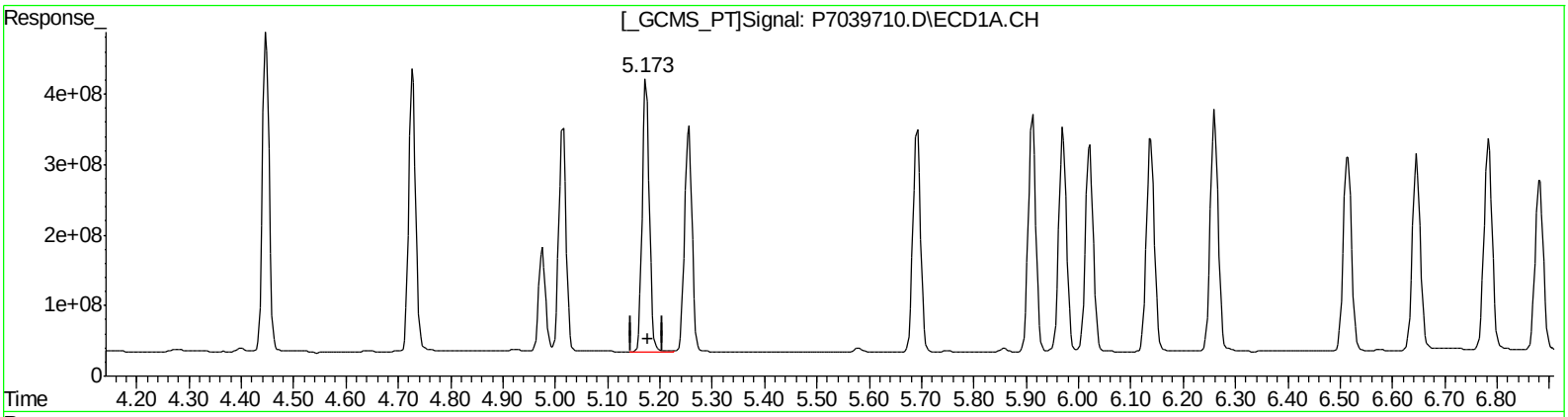
(+) = Expected Retention Time

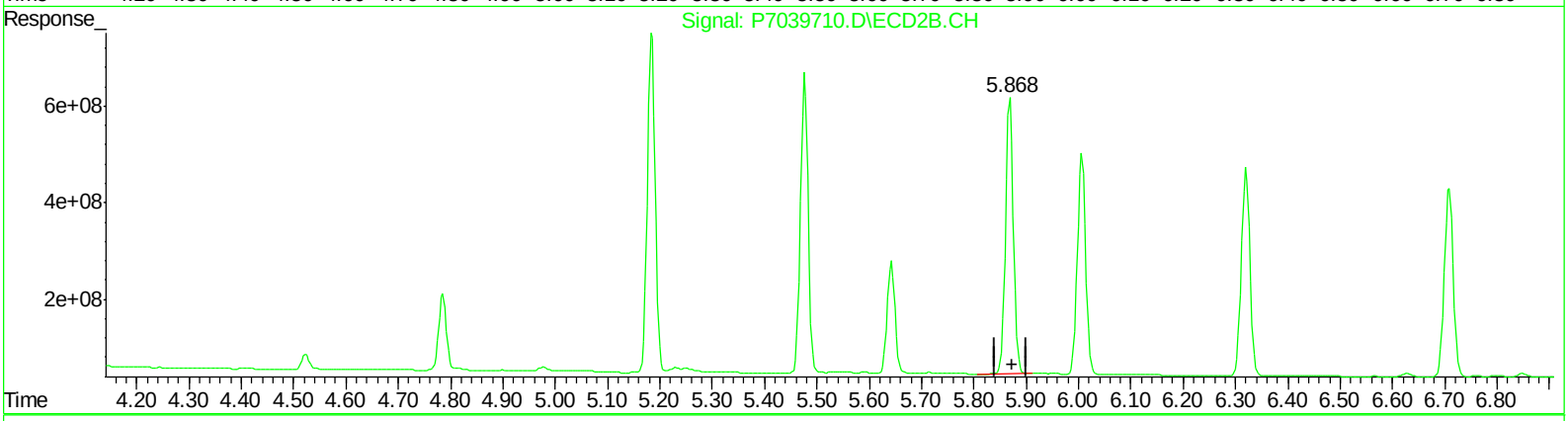
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)
5.174min 53.470 ng/ml
response 3632265806

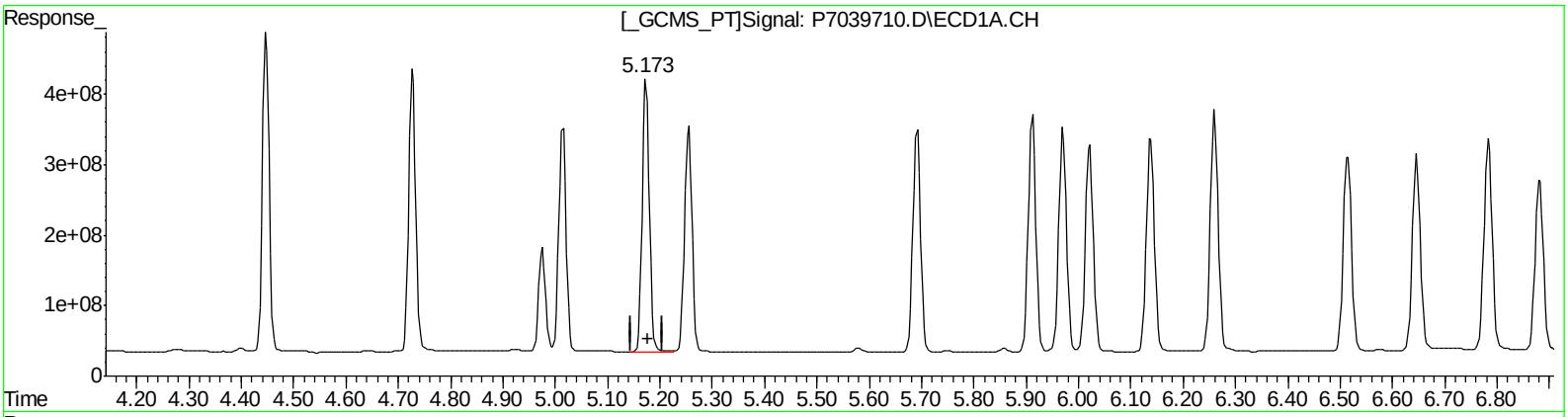
(7) delta-BHC #2 (B)
5.870min 55.085 ng/ml
response 6066997088

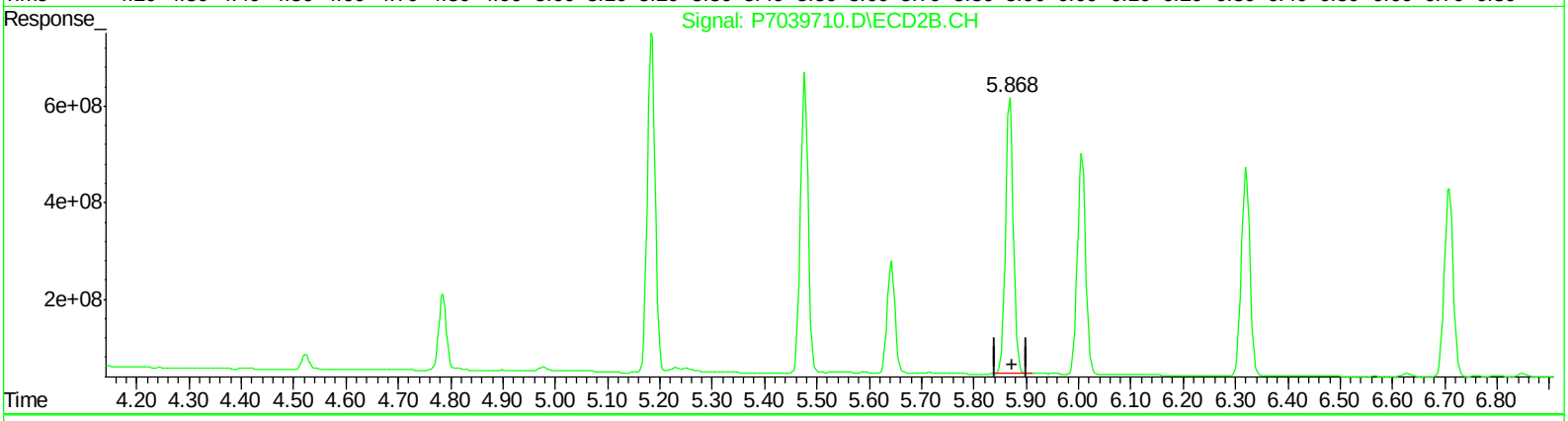
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.174min 53.470 ng/ml

response 3632265806

(7) delta-BHC #2 (B)

5.868min 54.737 ng/ml m

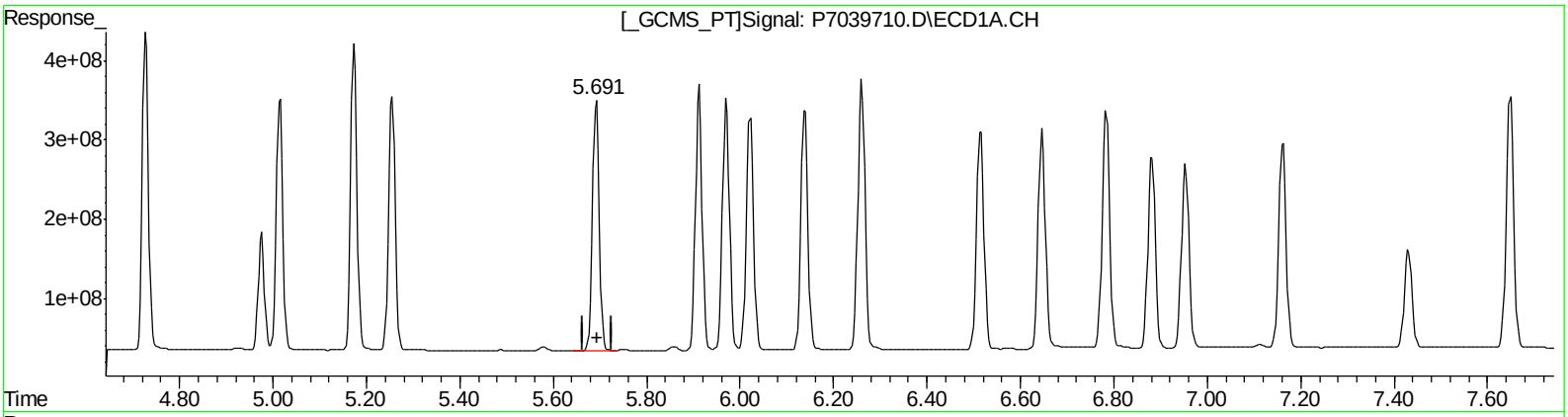
response 6028647347

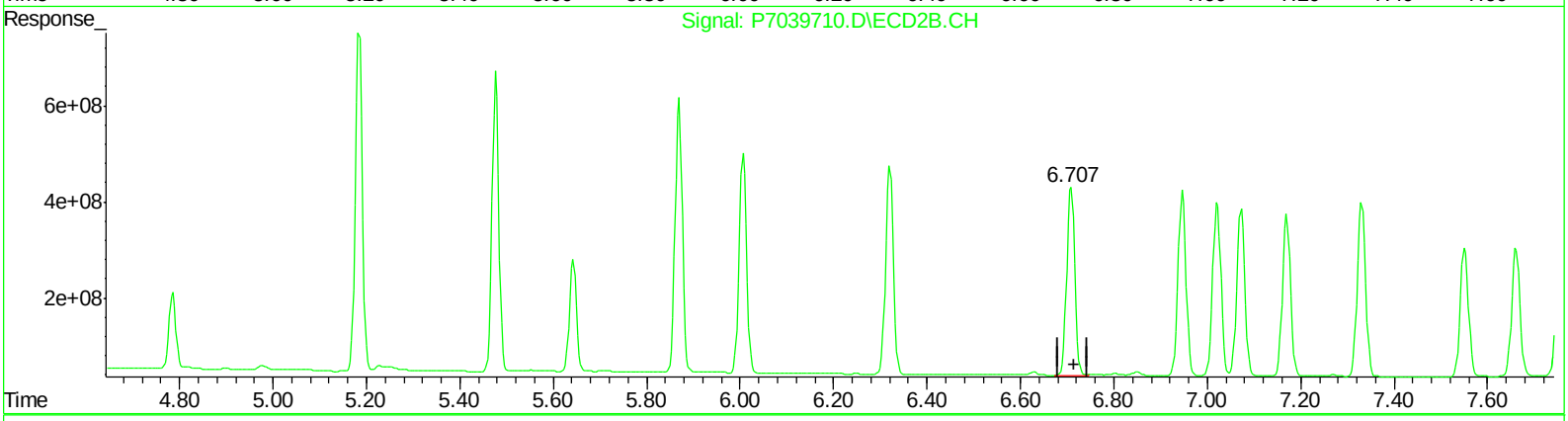
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.692min 50.924 ng/ml

response 3227833332

(8) Heptachlor epoxide #2 (B)

6.709min 50.720 ng/ml

response 4698712782

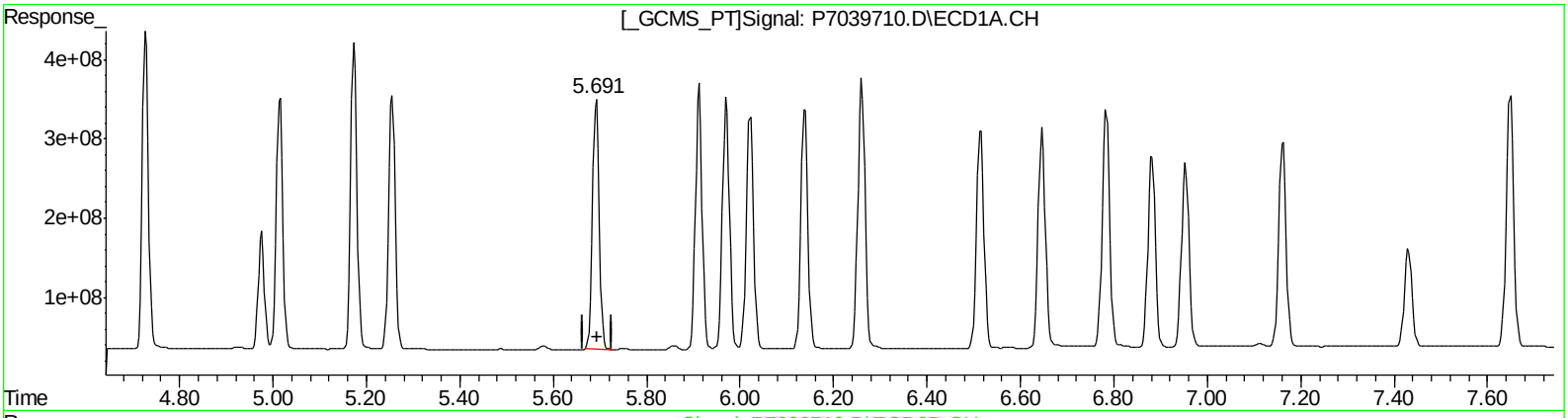
(+) = Expected Retention Time

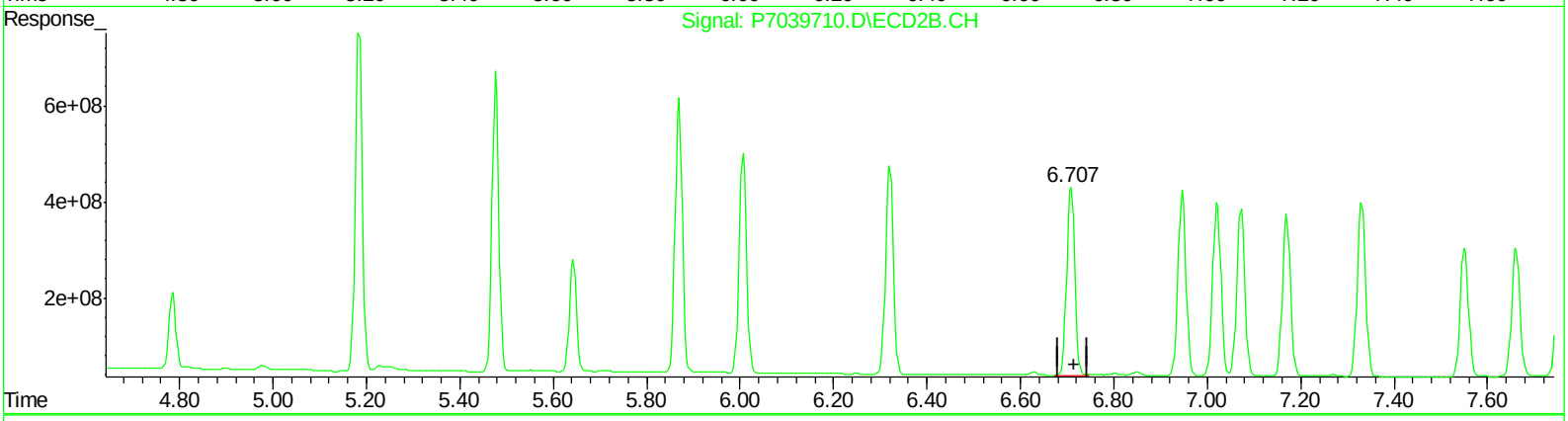
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.691min 50.653 ng/ml m

response 3210634525

(8) Heptachlor epoxide #2 (B)

6.709min 50.720 ng/ml

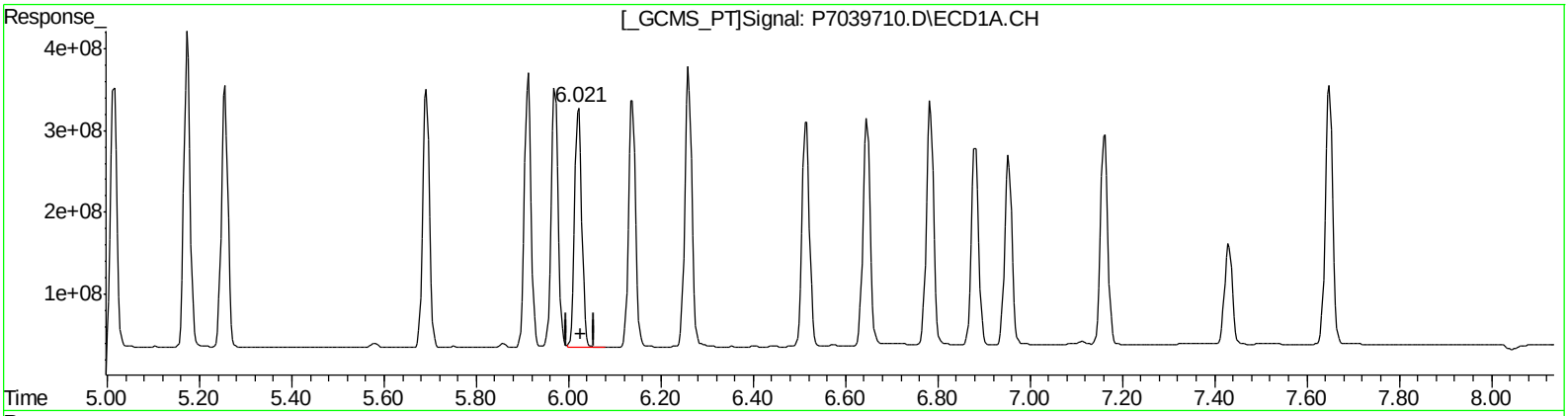
response 4698712782

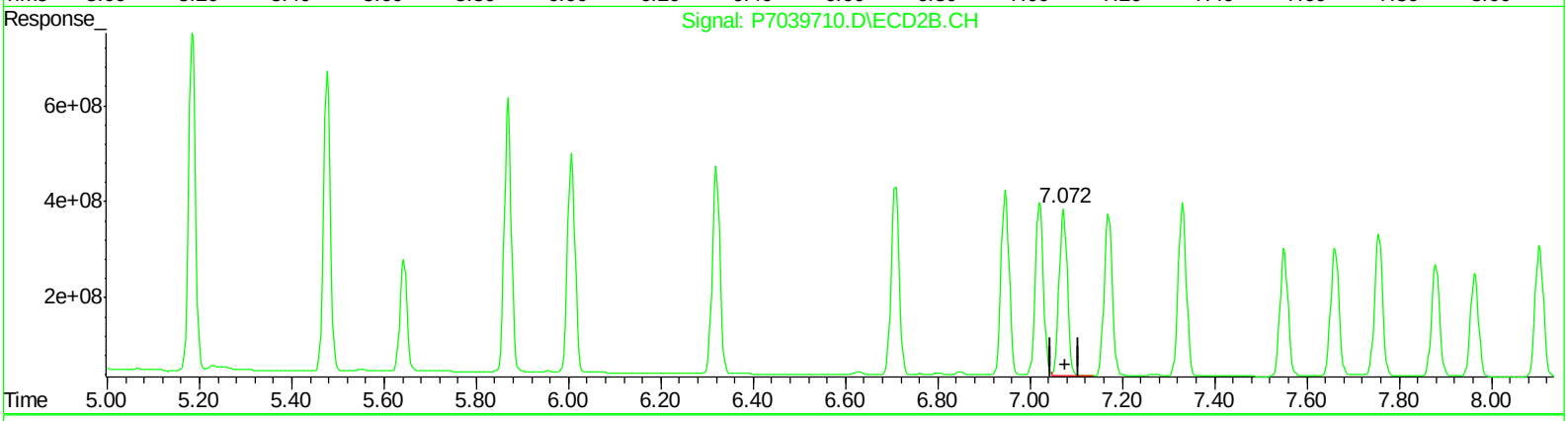
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)

6.022min 50.691 ng/ml

response 3141095367

(9) Endosulfan I #2 (A)

7.073min 49.696 ng/ml

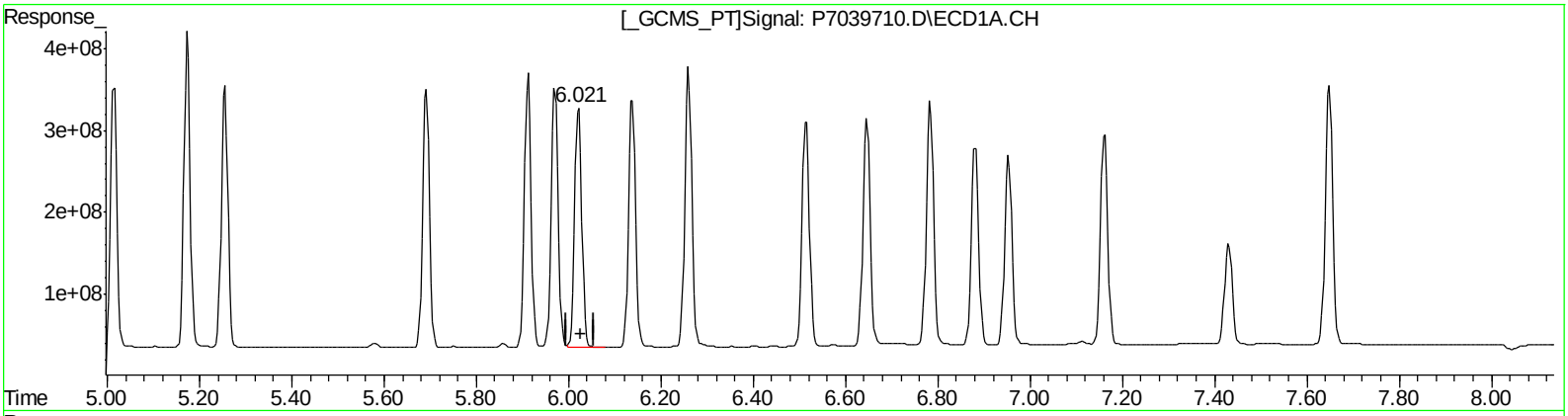
response 4232803745

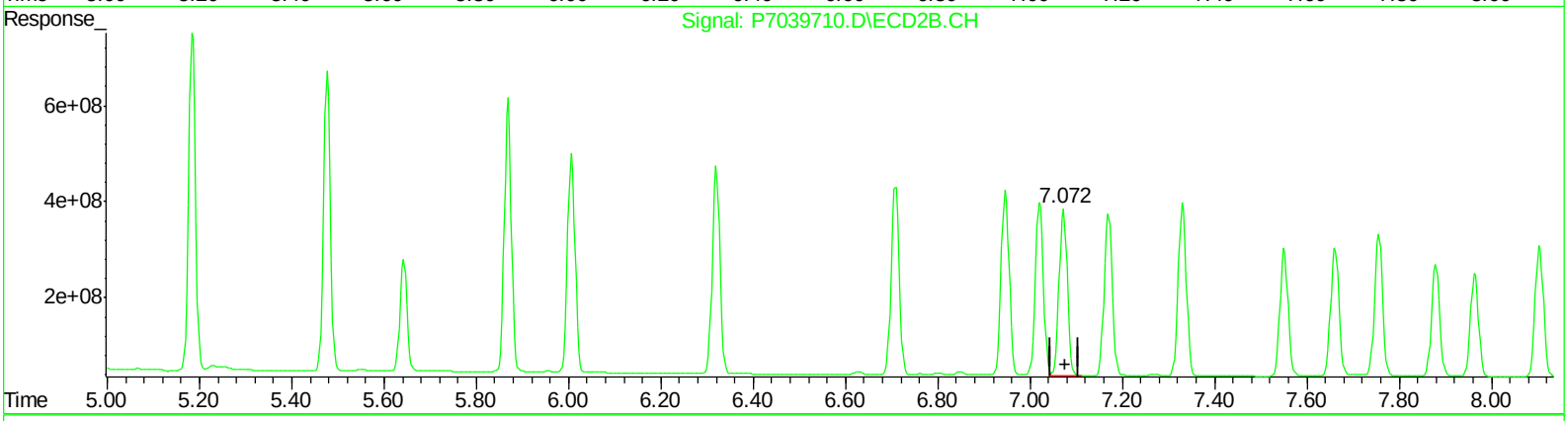
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)

6.022min 50.691 ng/ml

response 3141095367

(9) Endosulfan I #2 (A)

7.072min 49.612 ng/ml m

response 4225655598

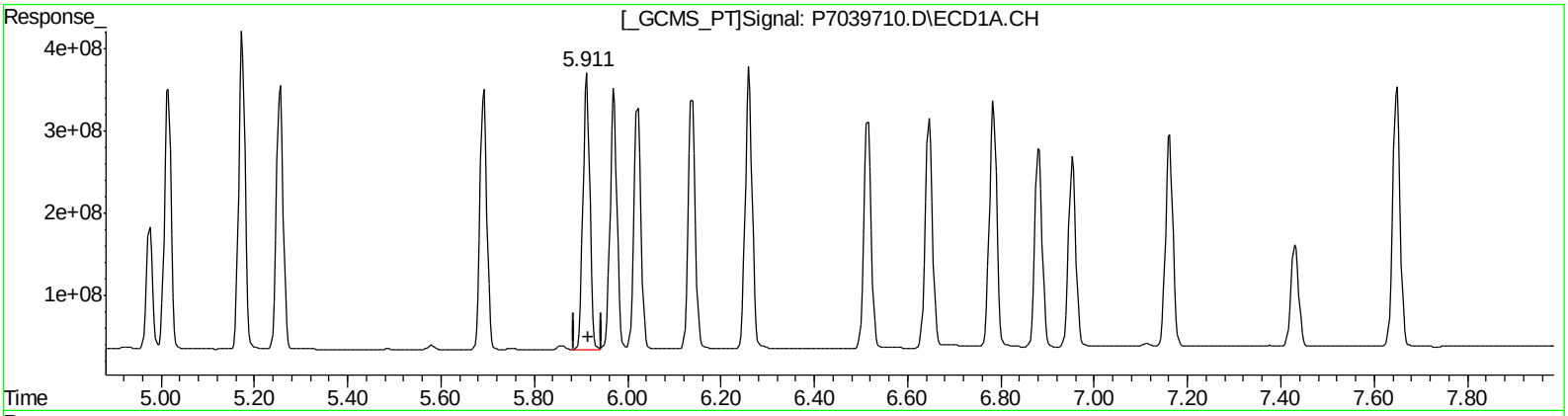
(+) = Expected Retention Time

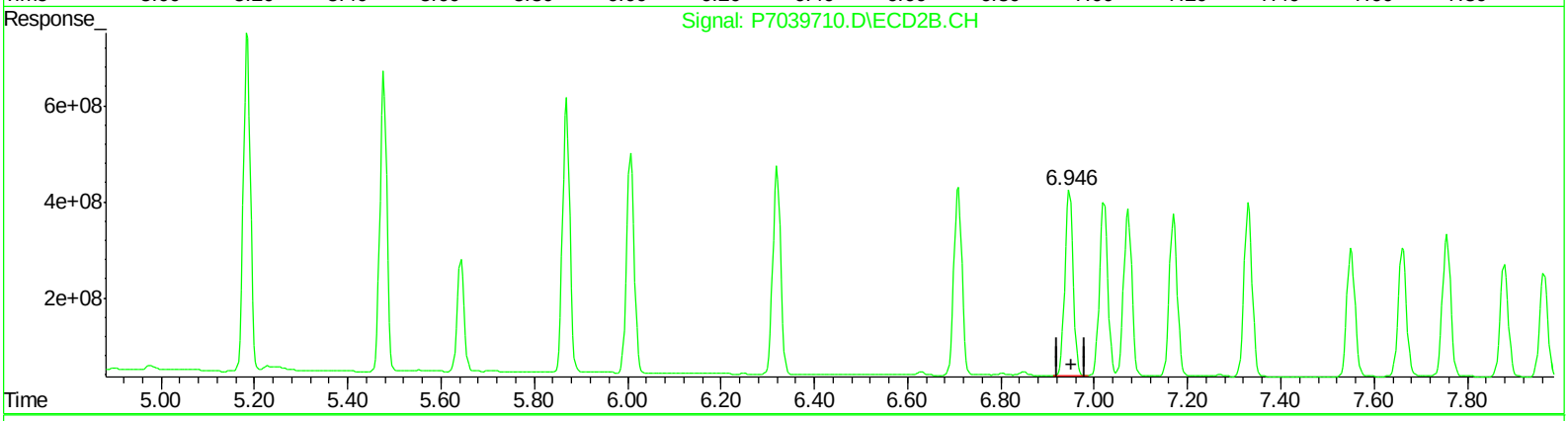
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.913min 49.019 ng/ml

response 3386926998

(10) gamma-Chlordane #2 (B)

6.947min 48.364 ng/ml

response 4658029588

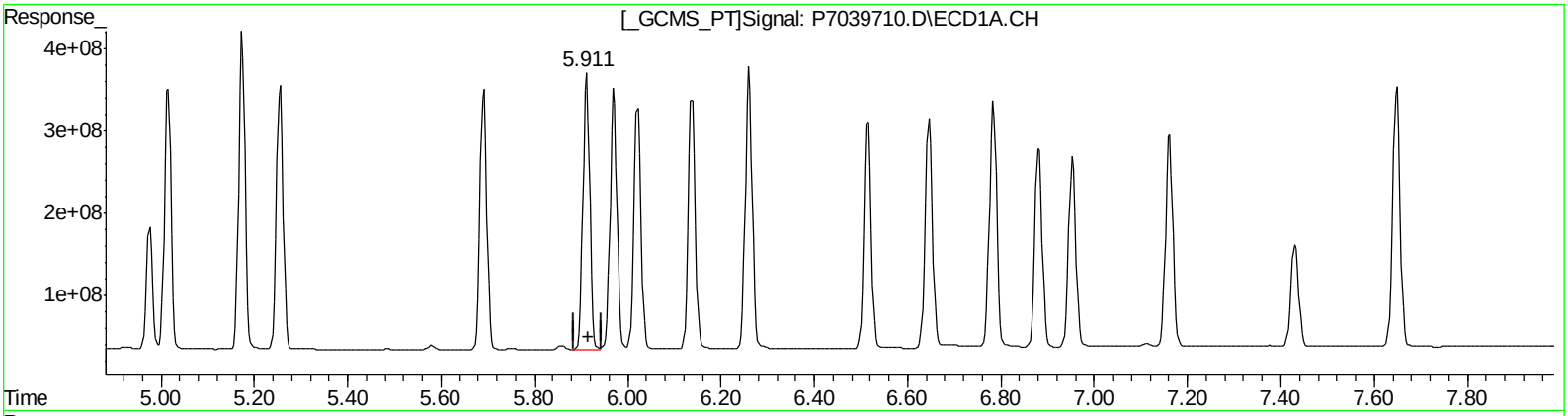
(+) = Expected Retention Time

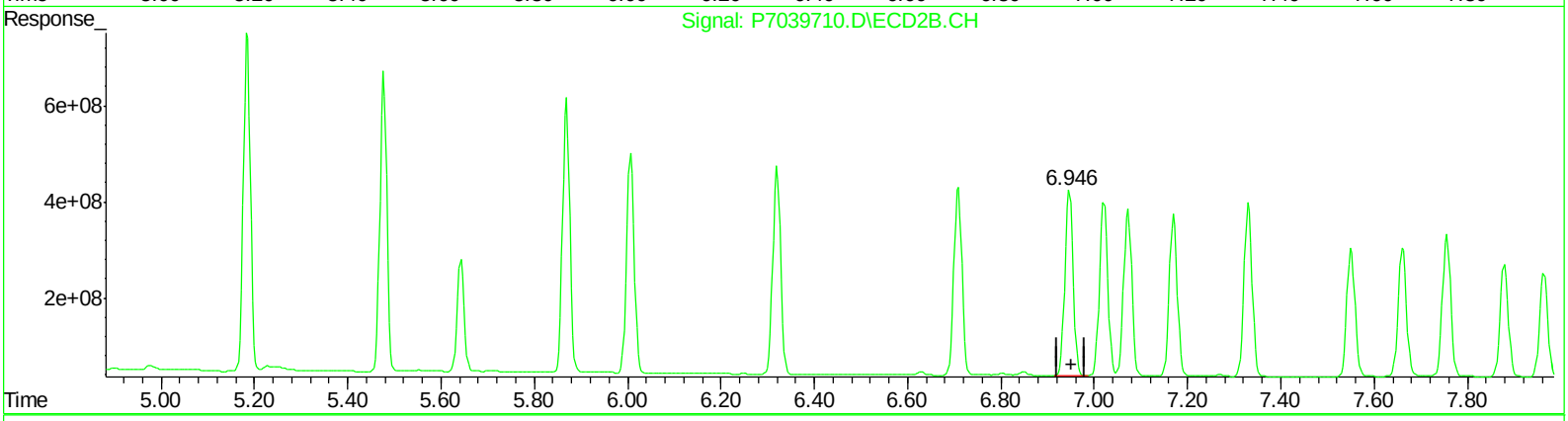
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.913min 49.019 ng/ml

response 3386926998

(10) gamma-Chlordane #2 (B)

6.946min 48.376 ng/ml m

response 4659159079

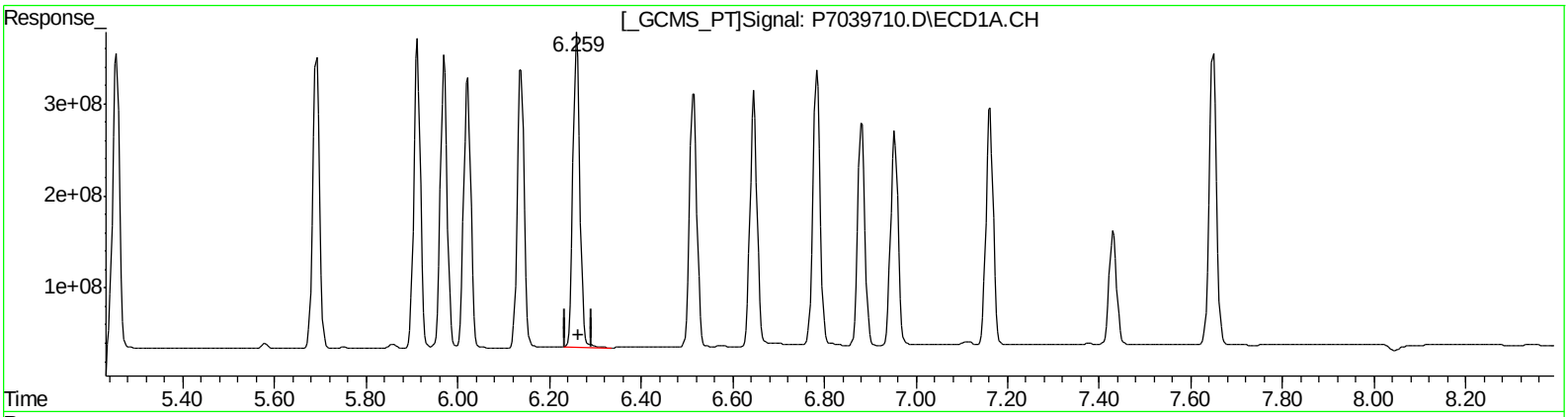
(+) = Expected Retention Time

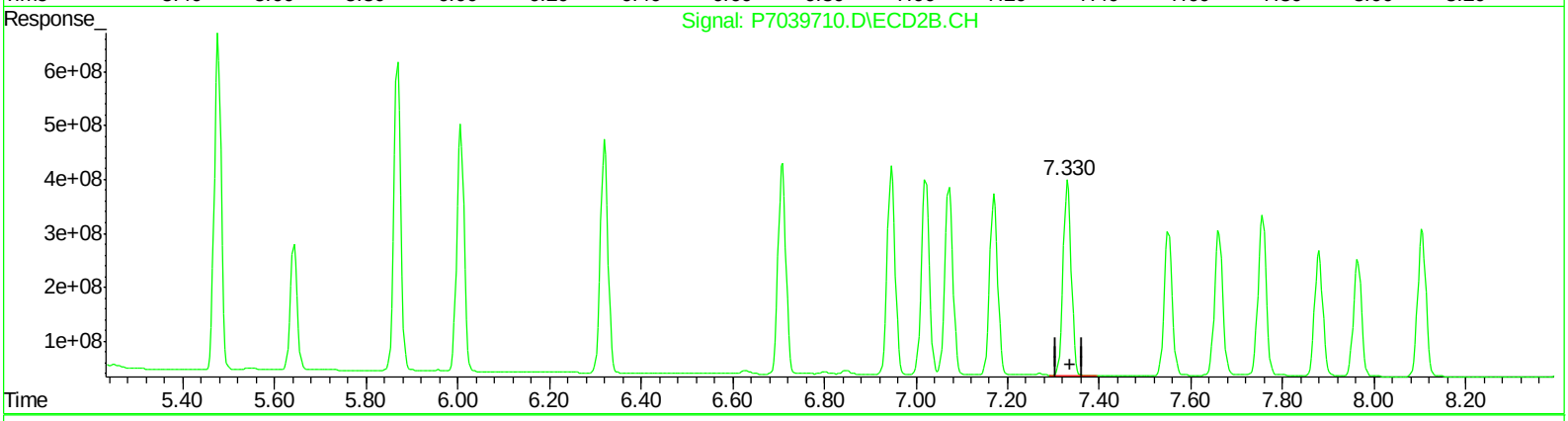
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.261min 50.766 ng/ml

response 3634906644

(13) Dieldrin #2 (MA)

7.331min 48.837 ng/ml

response 4452680891

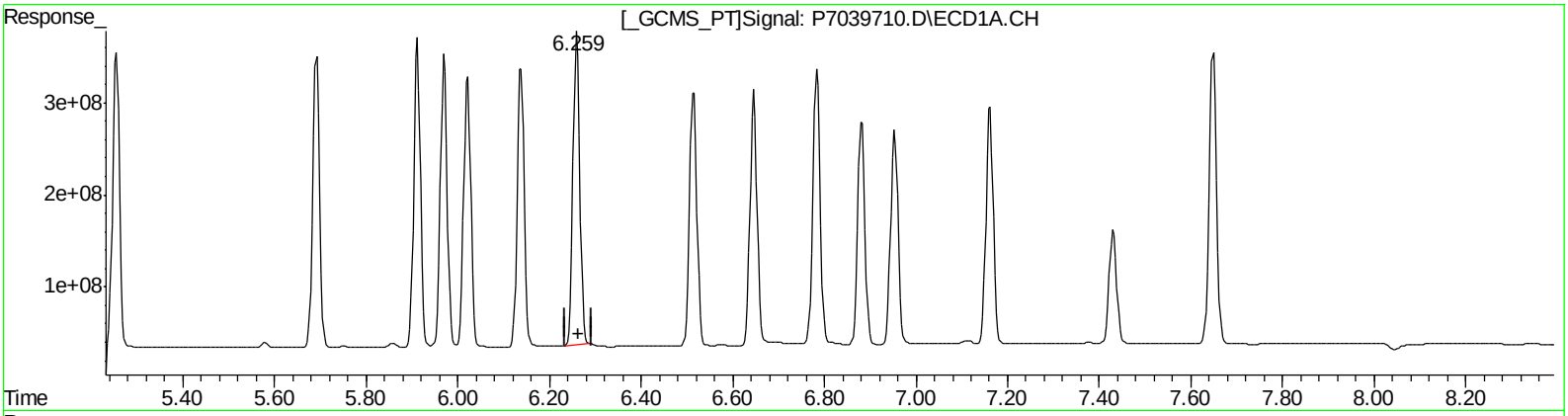
(+) = Expected Retention Time

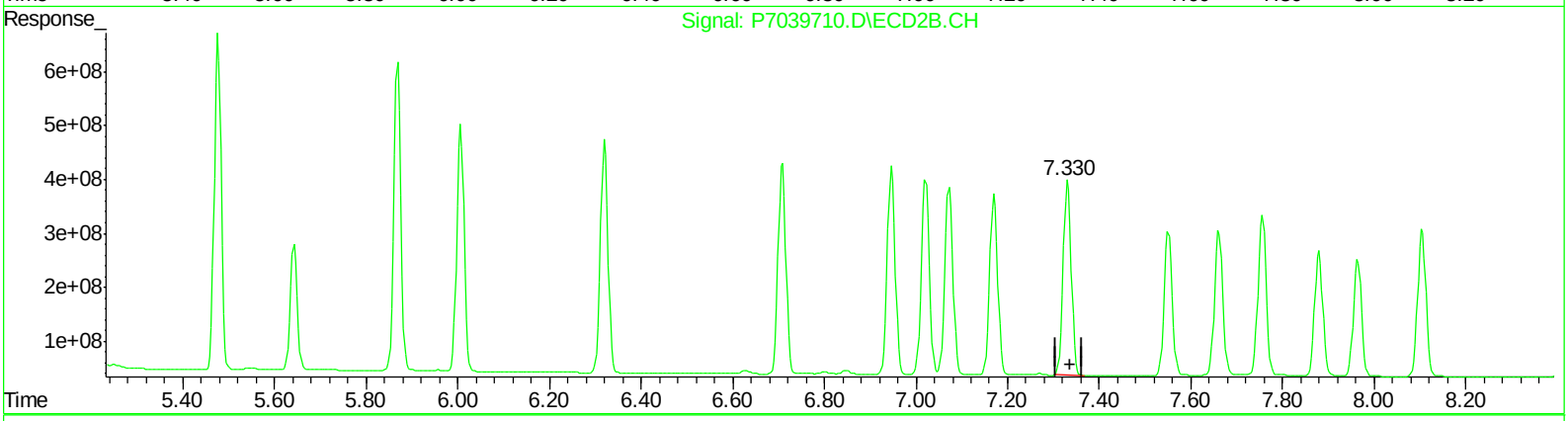
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.259min 49.405 ng/ml m

response 3537445717

(13) Dieldrin #2 (MA)

7.330min 48.723 ng/ml m

response 4442302088

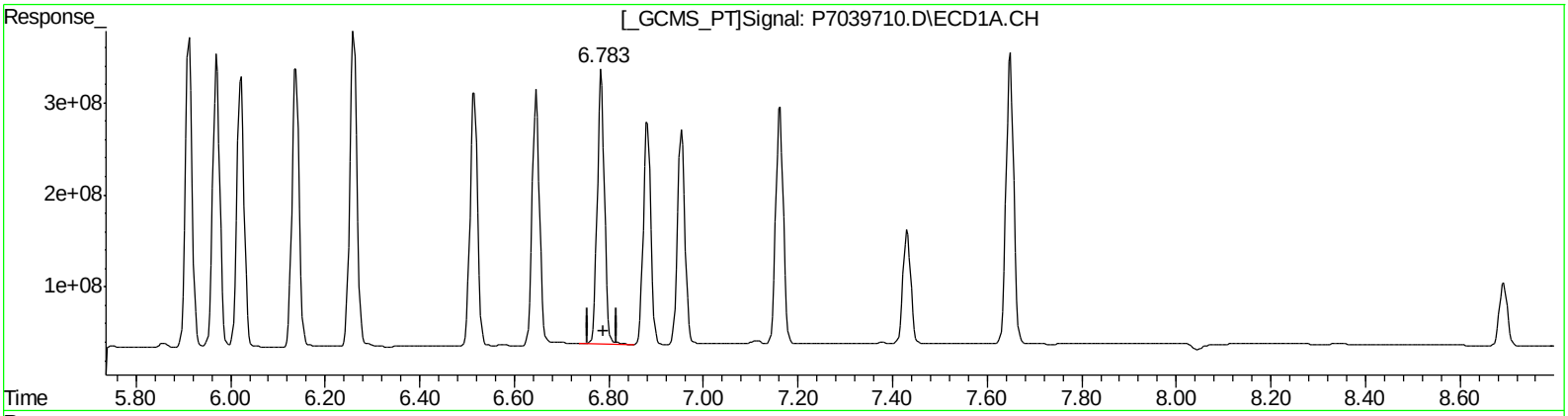
(+) = Expected Retention Time

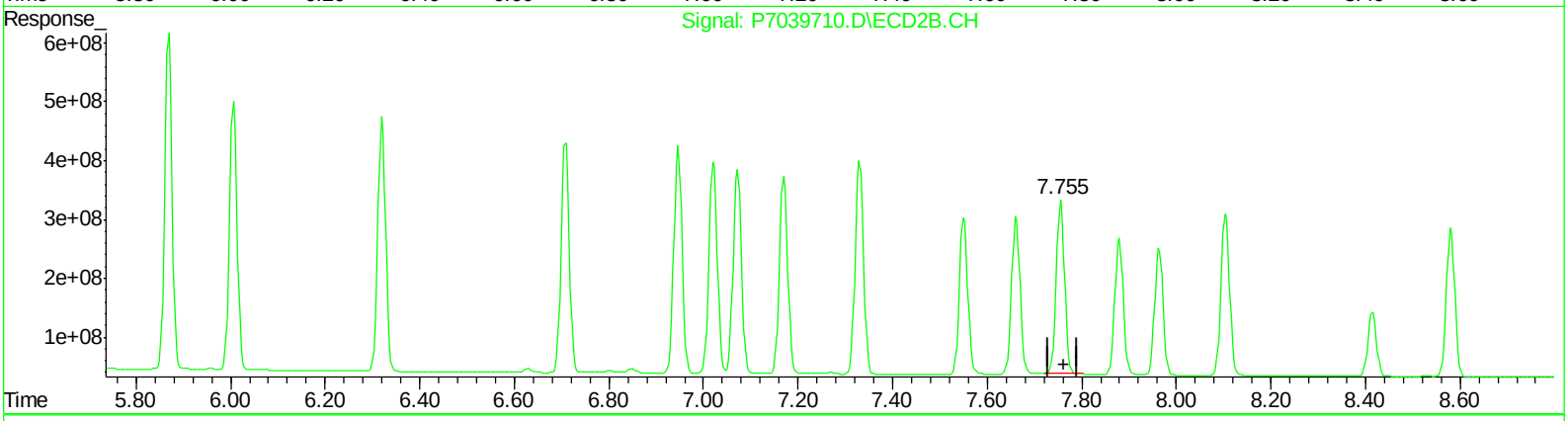
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)

6.784min 51.973 ng/ml

response 3254957073

(15) Endosulfan II #2 (B)

7.757min 48.390 ng/ml

response 3582774998

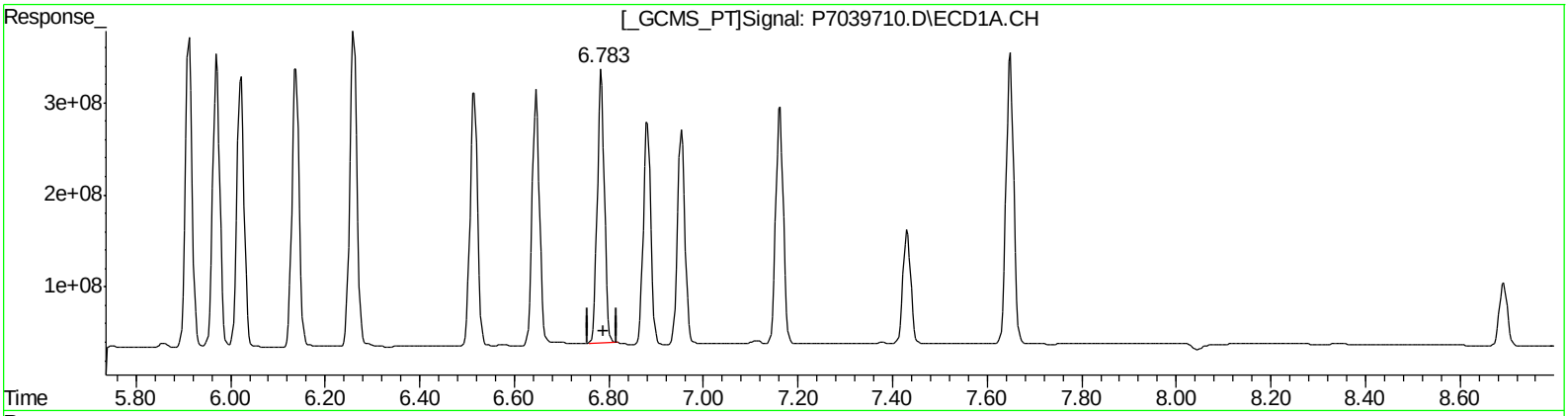
(+) = Expected Retention Time

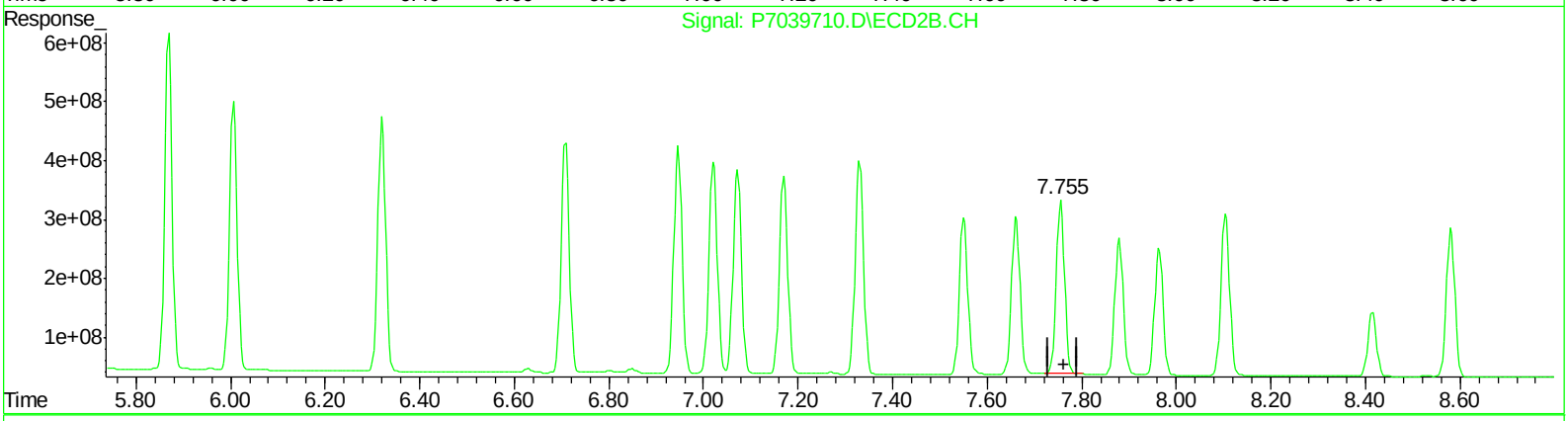
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)

6.783min 51.194 ng/ml m

response 3206175027

(15) Endosulfan II #2 (B)

7.757min 48.390 ng/ml

response 3582774998

410

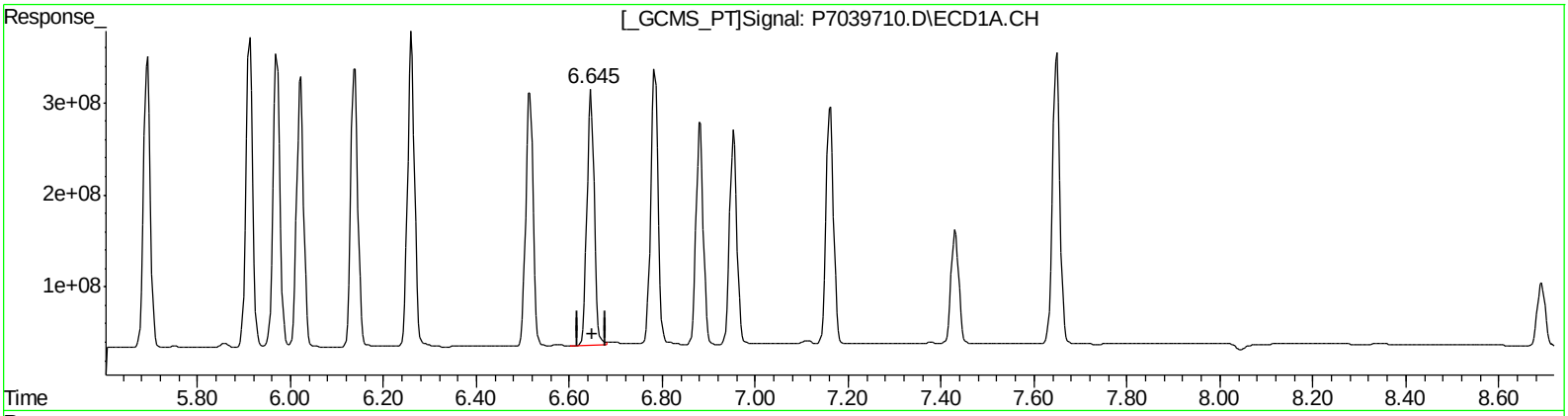
(+) = Expected Retention Time

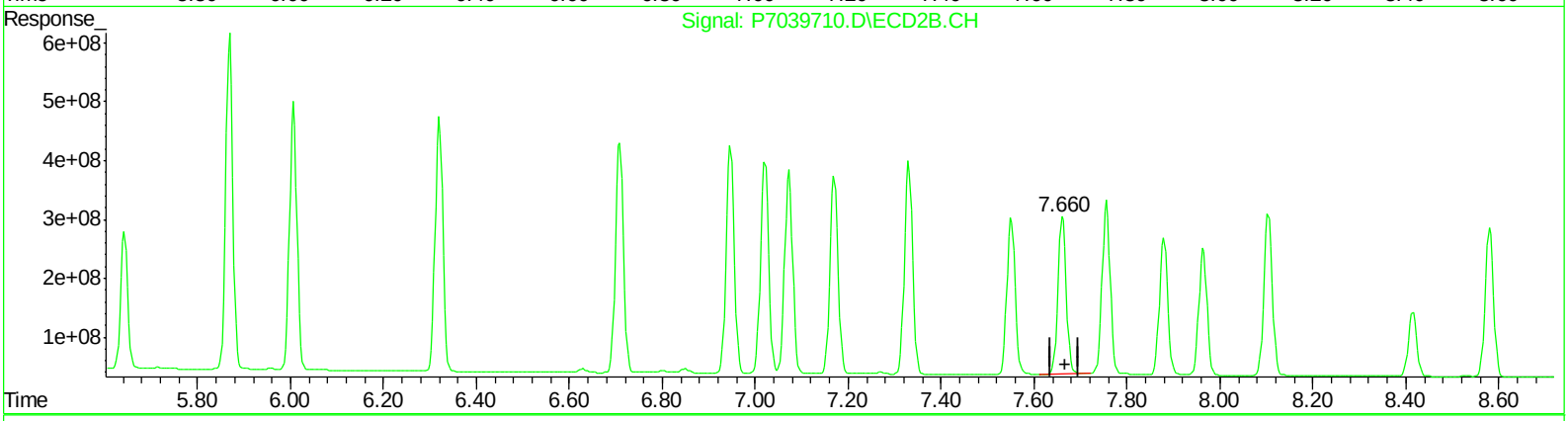
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.647min 49.896 ng/ml
response 2980148270

(16) 4,4'-DDD #2 (A)
7.662min 45.847 ng/ml
response 3327128807

411

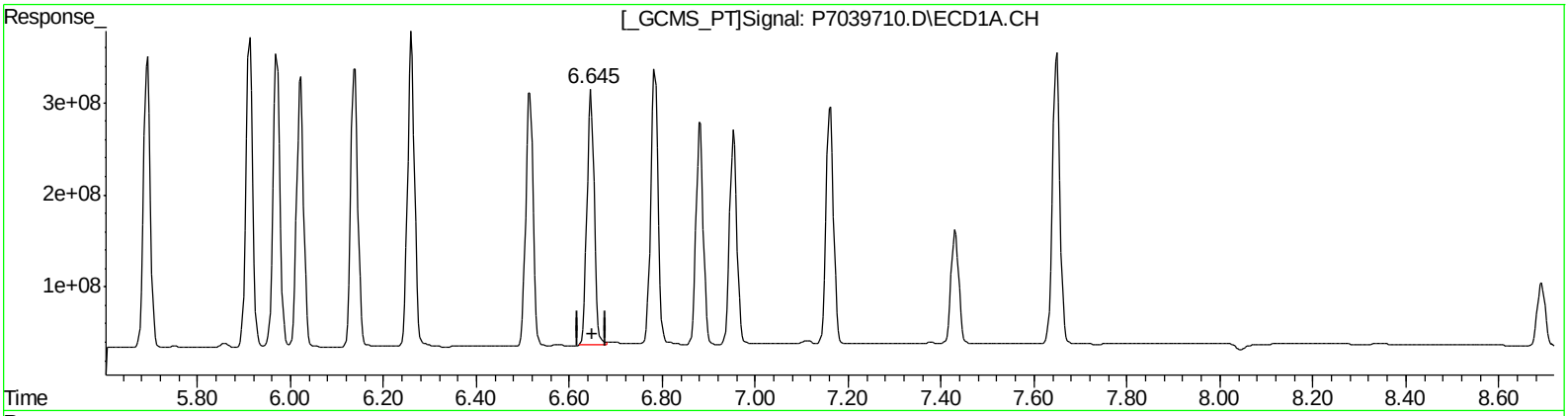
(+) = Expected Retention Time

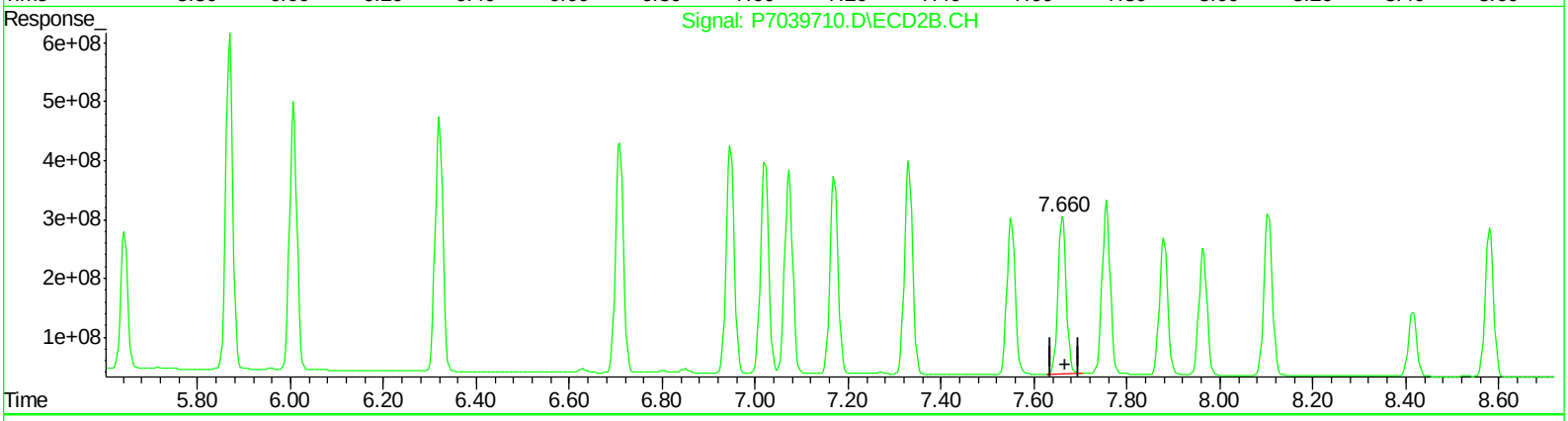
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.645min 49.871 ng/ml m

response 2978647243

(16) 4,4'-DDD #2 (A)

7.660min 45.718 ng/ml m

response 3317750250

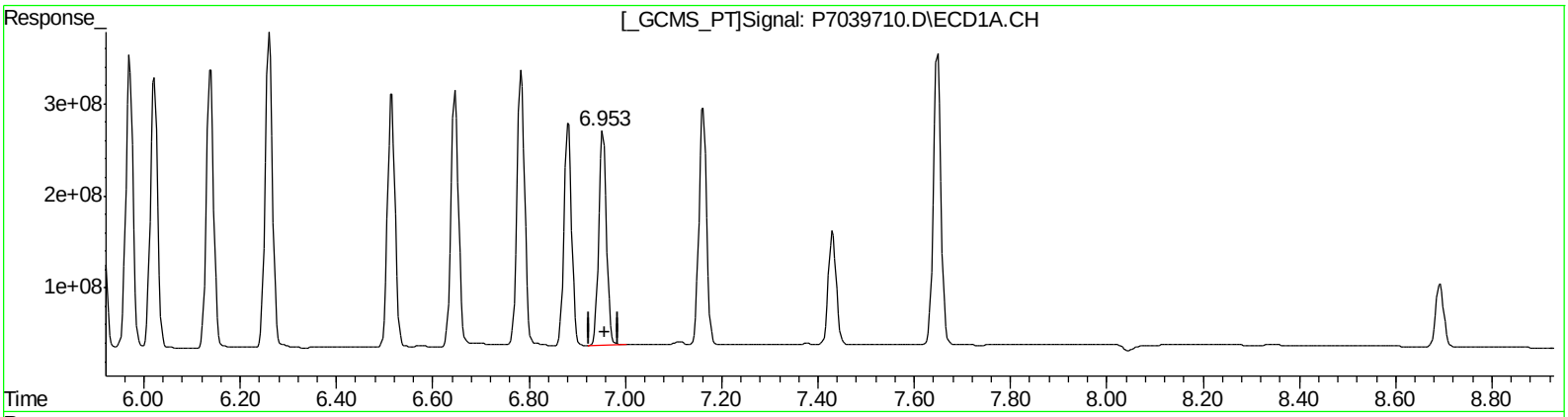
(+) = Expected Retention Time

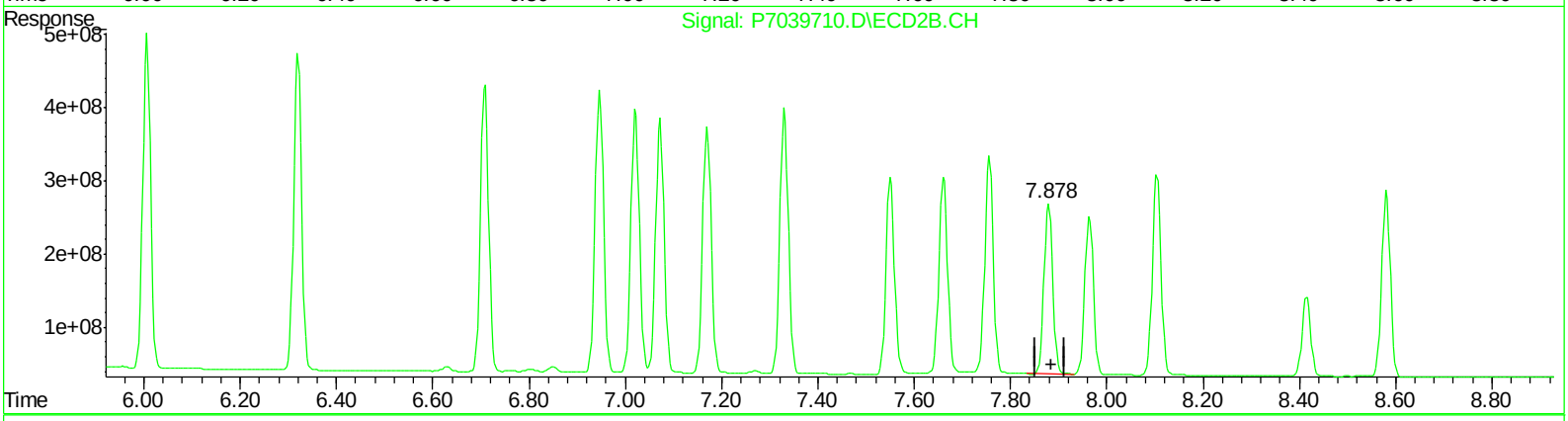
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)
6.954min 50.900 ng/ml
response 2565976234

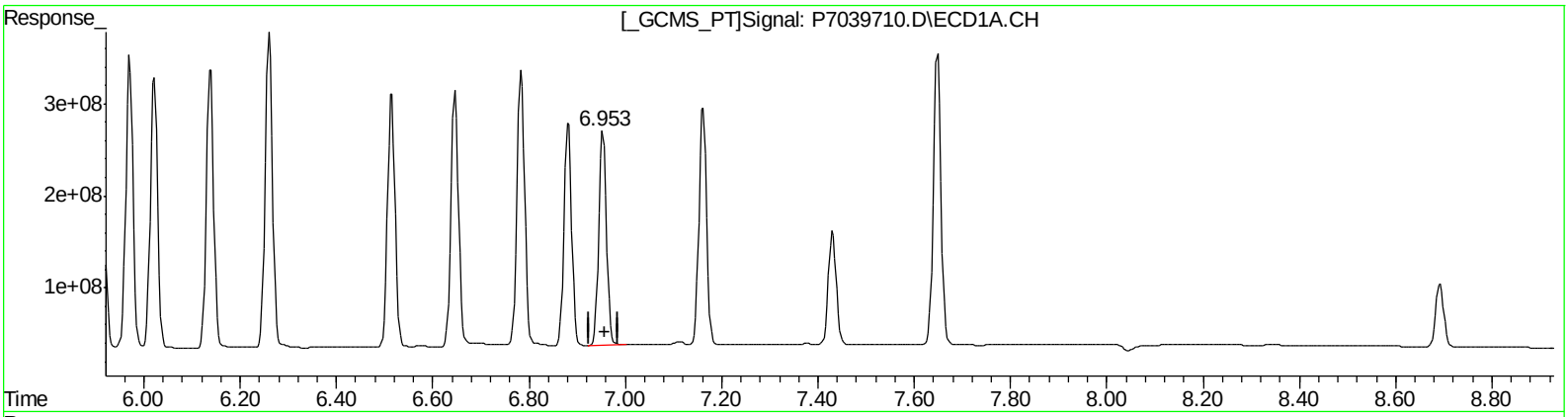
(18) Endrin aldehyde #2 (B)
7.880min 47.438 ng/ml
response 2903200373

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)
6.954min 50.900 ng/ml
response 2565976234

(18) Endrin aldehyde #2 (B)
7.878min 47.343 ng/ml m
response 2897410902

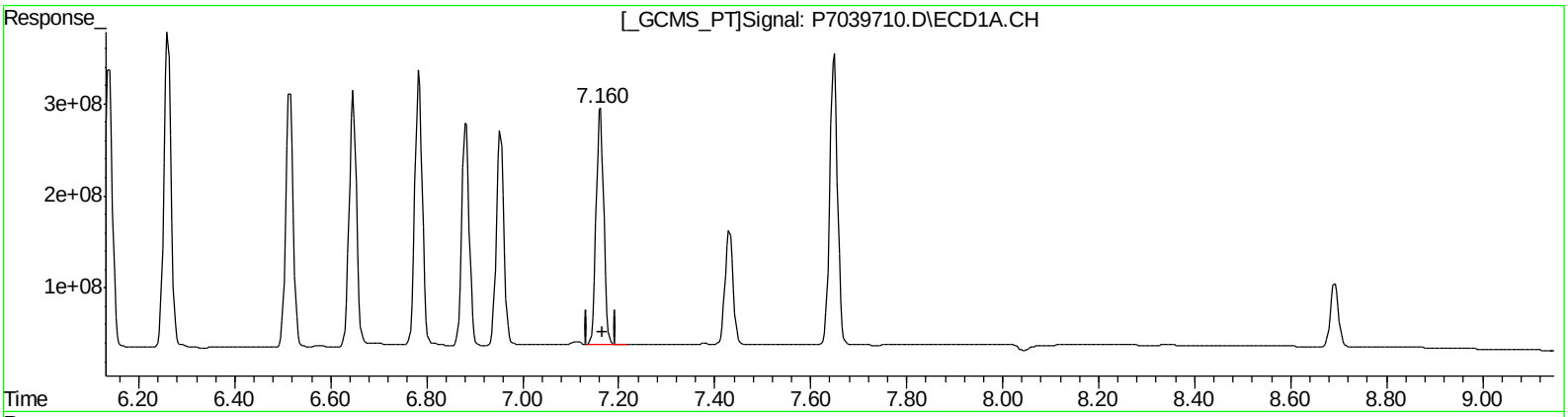
(+) = Expected Retention Time

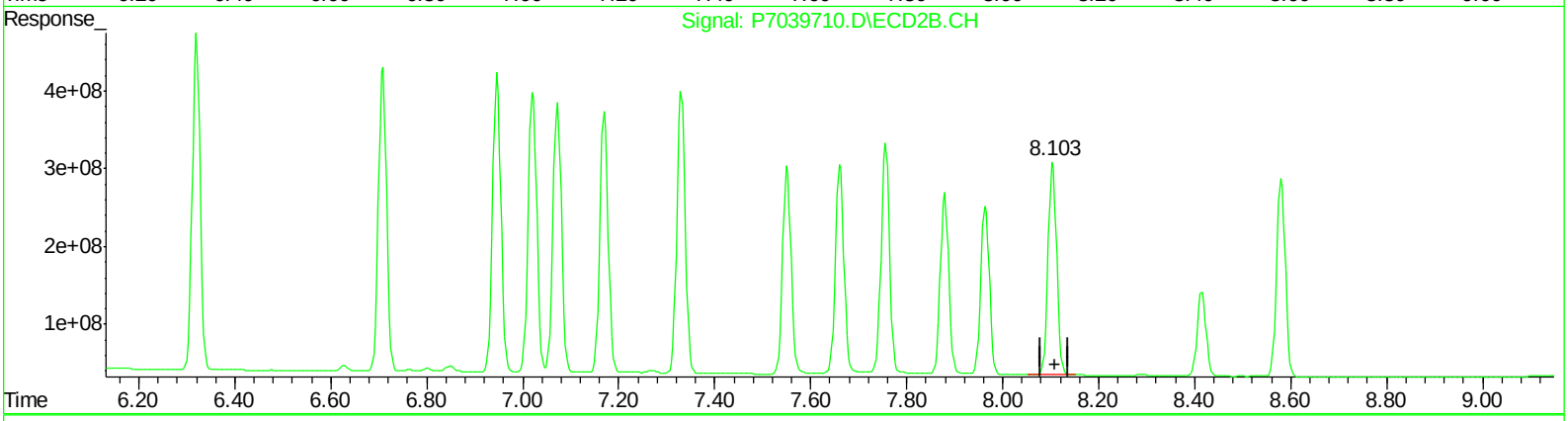
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.162min 61.552 ng/ml

response 2857911742

(19) Endosulfan Sulfate #2 (B)

8.105min 53.277 ng/ml

response 3456918746

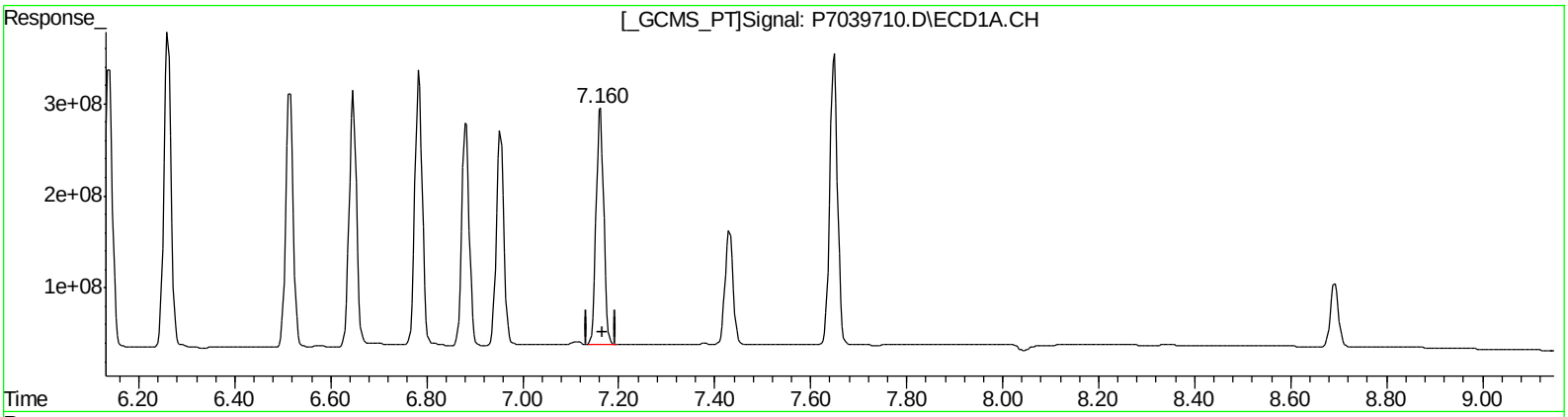
(+) = Expected Retention Time

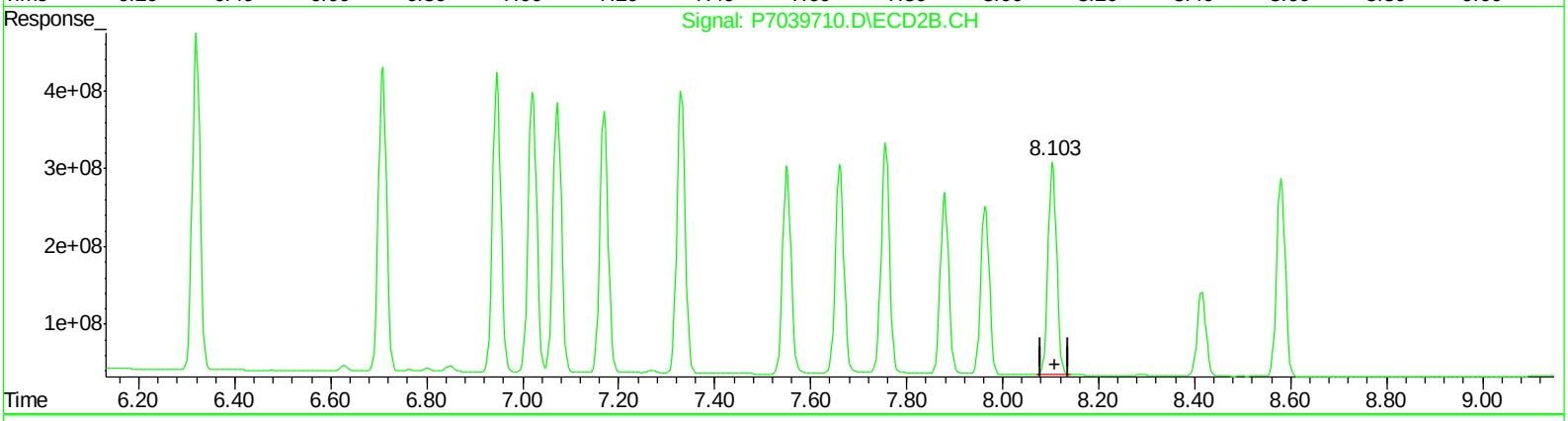
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 15:08
Operator : JJ
Sample   : PB43888BSD
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:57:27 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.160min 61.348 ng/ml m

response 2848432391

(19) Endosulfan Sulfate #2 (B)

8.103min 53.187 ng/ml m

response 3451093448

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039710.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 15:08
Operator : JJ
Sample : PB43888BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 00:11:21 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	811.1E6	1567.7E6	18.215	18.521
22)	SA Decachlor...	8.692	10.007	817.0E6	825.6E6	16.996	16.328
	Target Compounds						
2)	A alpha-BHC	4.446	5.184	3940.0E6	7176.0E6	52.383m	55.311m
3)	MA gamma-BHC...	4.728	5.476	3637.5E6	6341.9E6	53.069	55.945m
4)	MA Heptachlor	5.014	6.006	3072.9E6	5140.8E6	53.428m	54.074m
5)	MB Aldrin	5.256	6.321	3205.2E6	4967.7E6	46.866	47.752
6)	B beta-BHC	4.975	5.643	1353.8E6	2428.2E6	51.726m	55.471
7)	B delta-BHC	5.174	5.868	3632.3E6	6028.6E6	53.470	54.737m
8)	B Heptachlo...	5.691	6.709	3210.6E6	4698.7E6	50.653m	50.720
9)	A Endosulfan I	6.022	7.072	3141.1E6	4225.7E6	50.691	49.612m
10)	B gamma-Chl...	5.913	6.946	3386.9E6	4659.2E6	49.019	48.376m
11)	B alpha-Chl...	5.971	7.021	3305.4E6	4420.0E6	49.285	48.091
12)	B 4,4'-DDE	6.138	7.171	3207.9E6	4096.8E6	47.840	46.223
13)	MA Dieldrin	6.259	7.330	3537.4E6	4442.3E6	49.405m	48.723m
14)	MA Endrin	6.515	7.551	3016.6E6	3308.8E6	52.994	50.209
15)	B Endosulfa...	6.783	7.757	3206.2E6	3582.8E6	51.194m	48.390
16)	A 4,4'-DDD	6.645	7.660	2978.6E6	3317.8E6	49.871m	45.718m
17)	MA 4,4'-DDT	6.882	7.965	2654.4E6	2683.1E6	51.578	51.954
18)	B Endrin al...	6.954	7.878	2566.0E6	2897.4E6	50.900	47.343m
19)	B Endosulfa...	7.160	8.103	2848.4E6	3451.1E6	61.348m	53.187m
20)	A Methoxychlor	7.431	8.416	1406.8E6	1358.3E6	57.343	50.751
21)	B Endrin ke...	7.649	8.581	3514.4E6	3180.7E6	56.379	52.975

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43893BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43893BS

Sample wt/vol: 15 (g/mL) g Lab File ID: P7039707.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

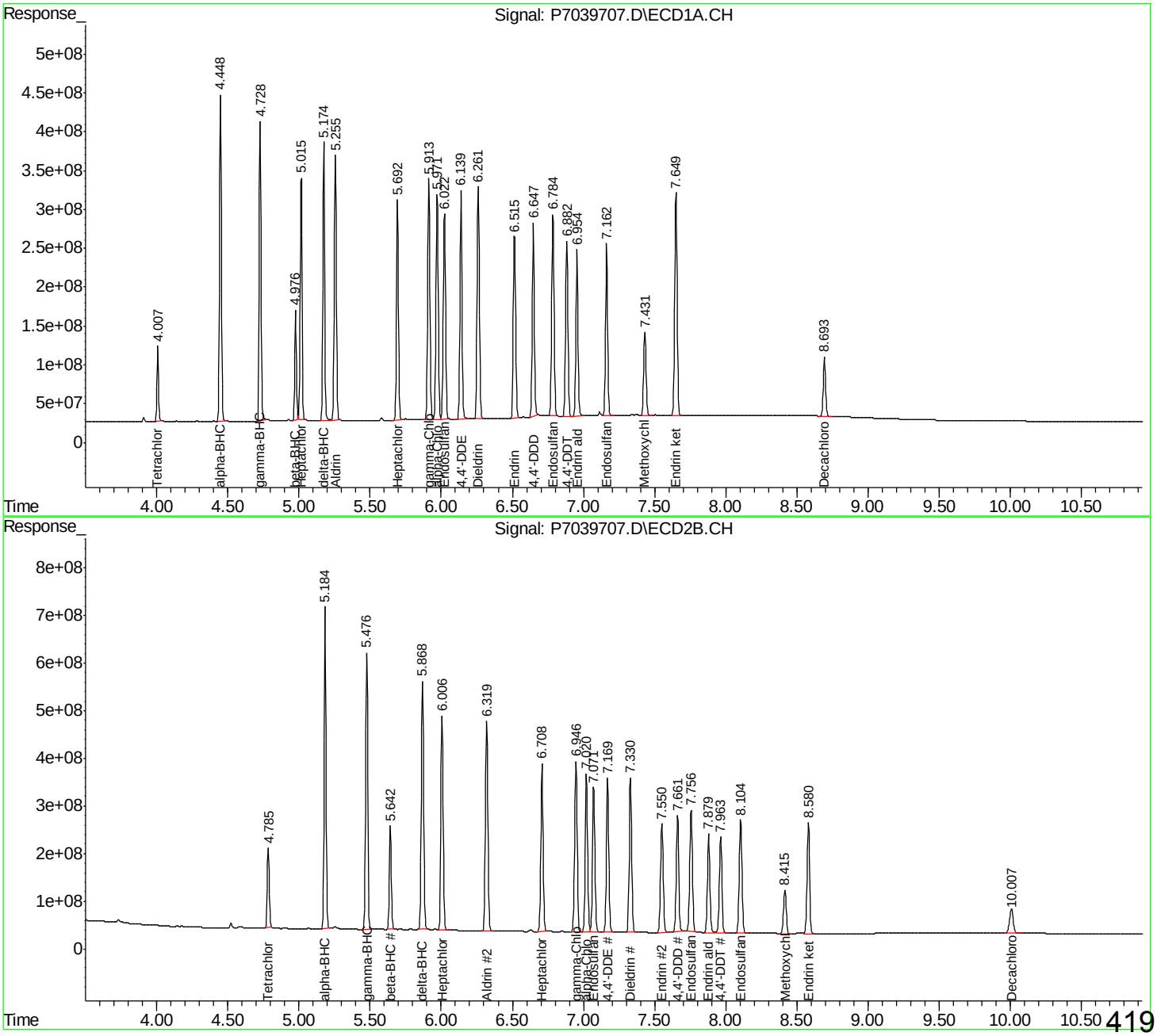
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	17	
319-85-7	beta-BHC	17	
319-86-8	delta-BHC	17	
58-89-9	gamma-BHC (Lindane)	18	
76-44-8	Heptachlor	18	
309-00-2	Aldrin	16	
1024-57-3	Heptachlor epoxide	15	
959-98-8	Endosulfan I	15	
60-57-1	Dieldrin	15	
72-55-9	4,4'-DDE	16	
72-20-8	Endrin	16	
33213-65-9	Endosulfan II	15	
72-54-8	4,4'-DDD	15	
1031-07-8	Endosulfan sulfate	18	
50-29-3	4,4'-DDT	16	
72-43-5	Methoxychlor	17	
53494-70-5	Endrin ketone	17	
7421-93-4	Endrin aldehyde	16	
5103-71-9	alpha-Chlordane	15	
5103-74-2	gamma-Chlordane	15	
8001-35-2	Toxaphene	17	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:25
Operator : JJ
Sample : PB43893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:27:14 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

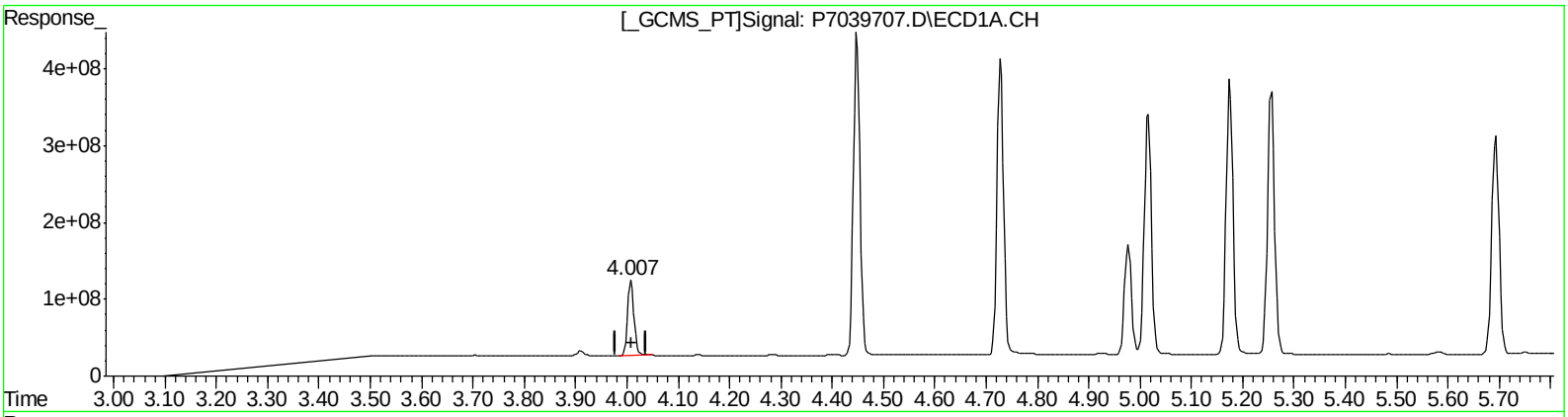


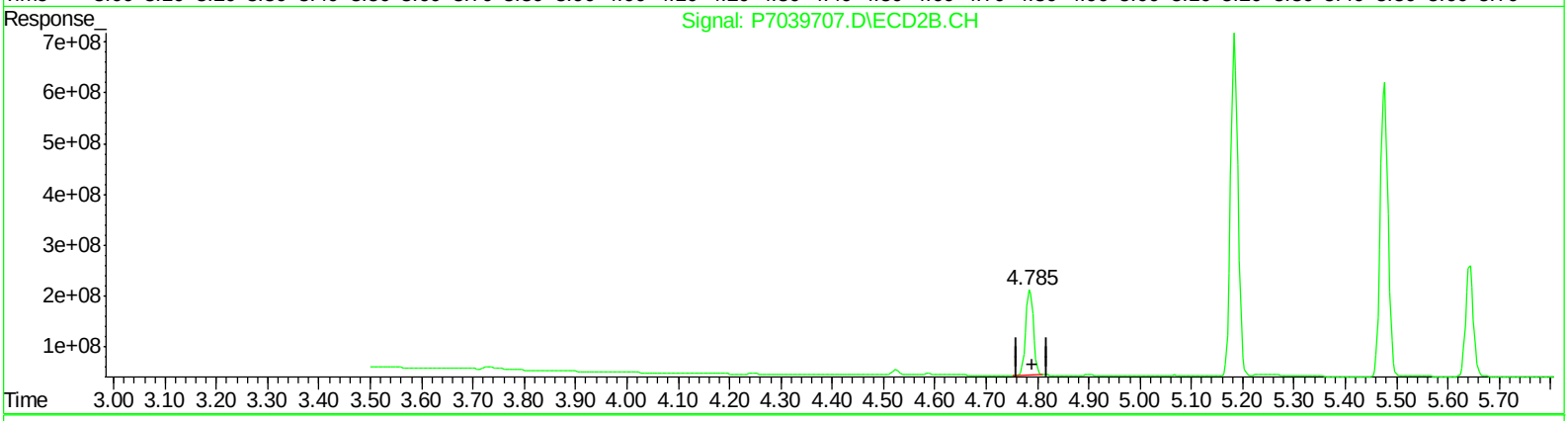
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.008min 19.503 ng/ml

response 868431634

(1) Tetrachloro-m-xylene #2 (SA)

4.786min 20.014 ng/ml

response 1694081208

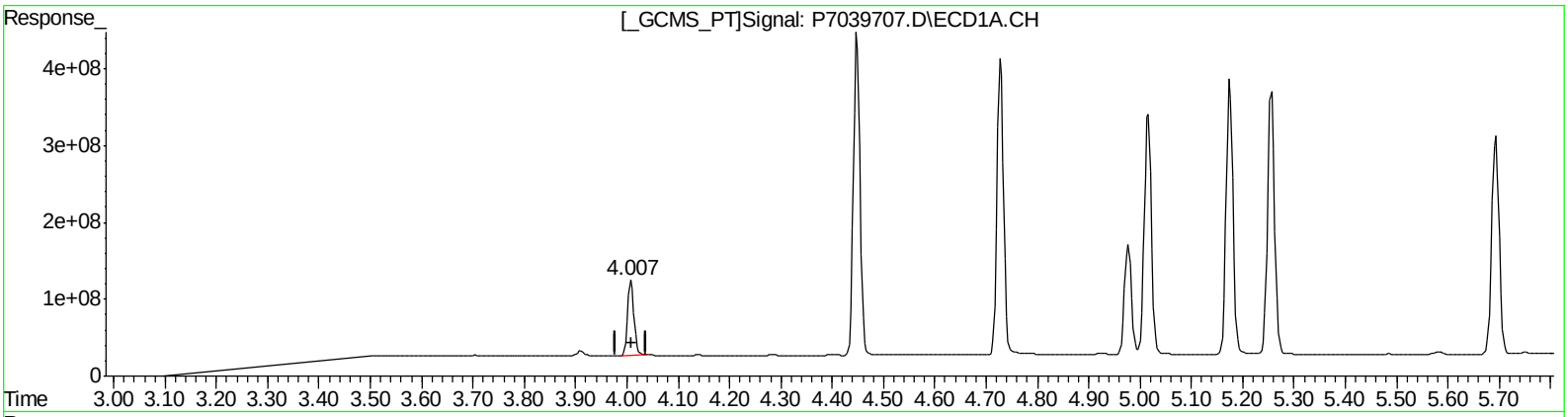
(+) = Expected Retention Time

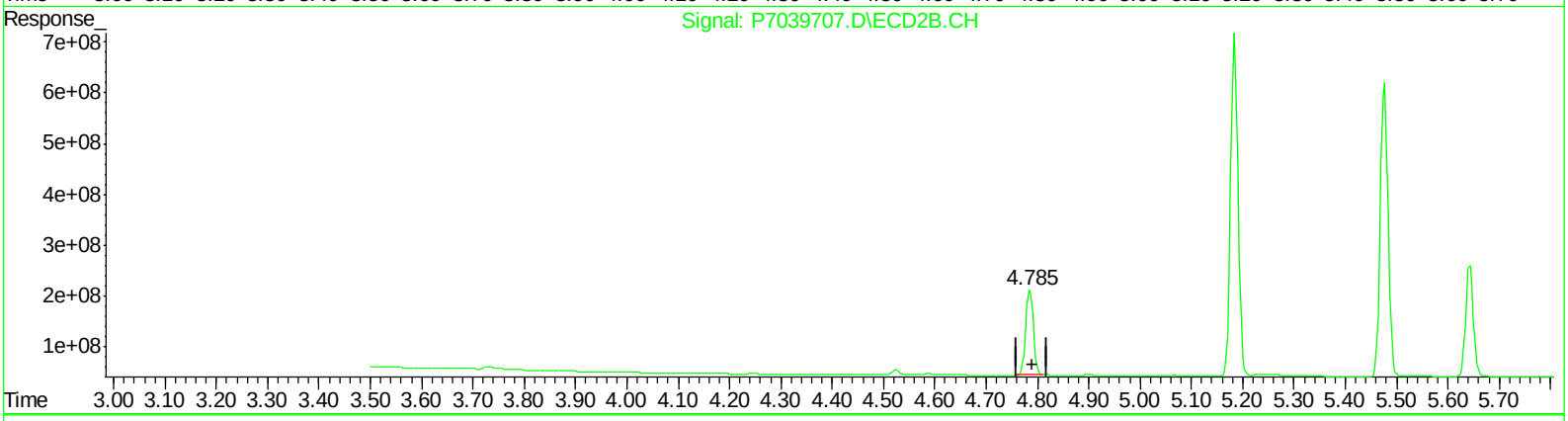
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(1) Tetrachloro-m-xylene (SA)

4.007min 18.923 ng/ml m

response 842609417

(1) Tetrachloro-m-xylene #2 (SA)

4.785min 19.807 ng/ml m

response 1676551849

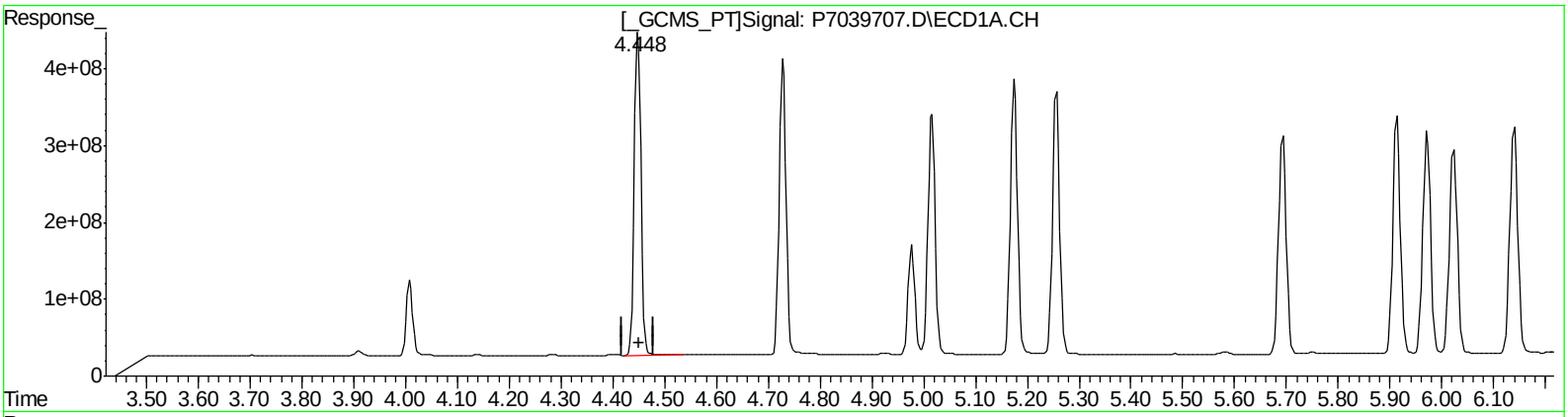
(+) = Expected Retention Time

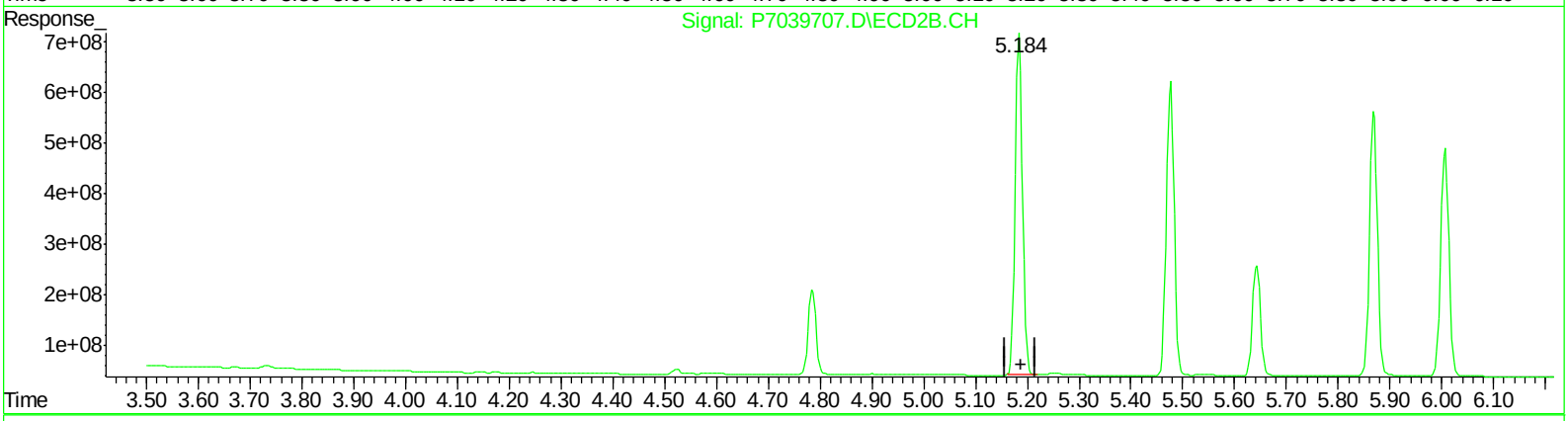
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:25
Operator : JJ
Sample : PB43893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.449min 49.430 ng/ml

response 3717907442

(2) alpha-BHC #2 (A)

5.185min 51.728 ng/ml

response 6711187379

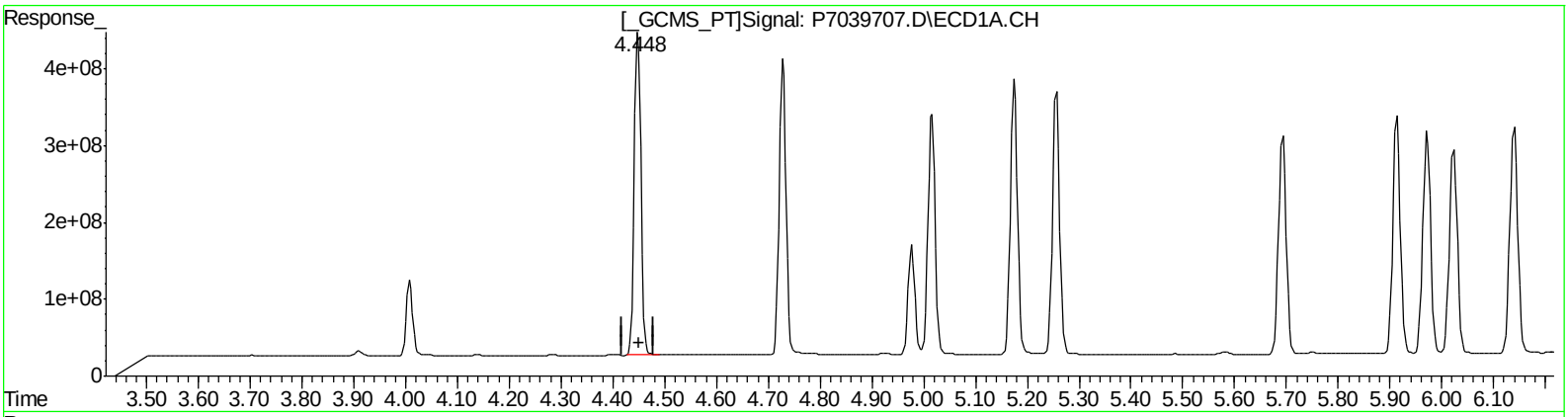
(+) = Expected Retention Time

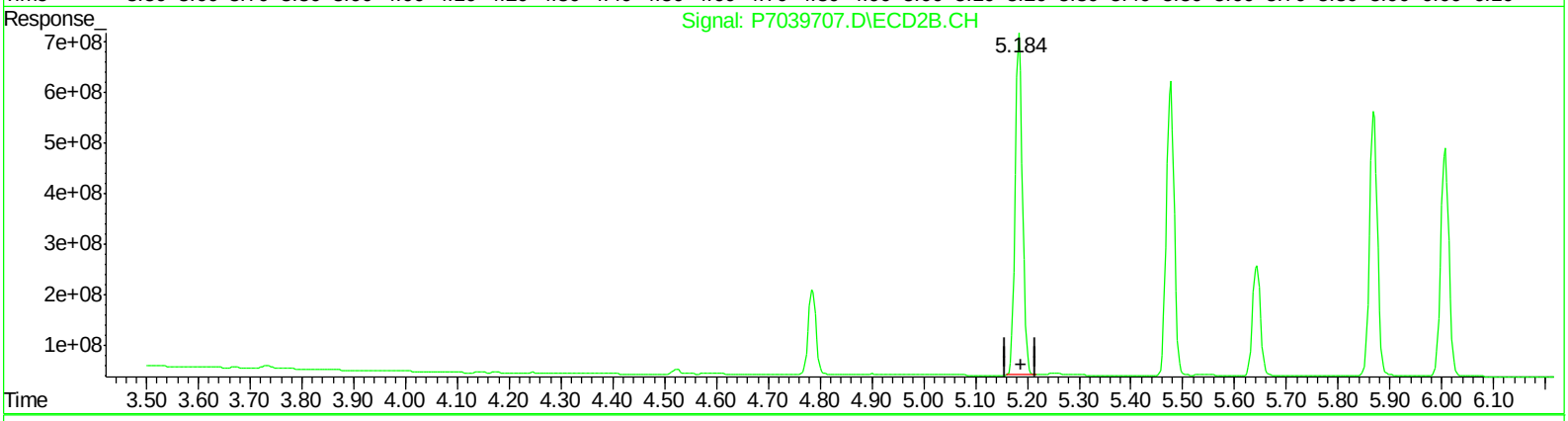
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(2) alpha-BHC (A)

4.448min 49.095 ng/ml m

response 3692765890

(2) alpha-BHC #2 (A)

5.184min 51.831 ng/ml m

response 6724478894

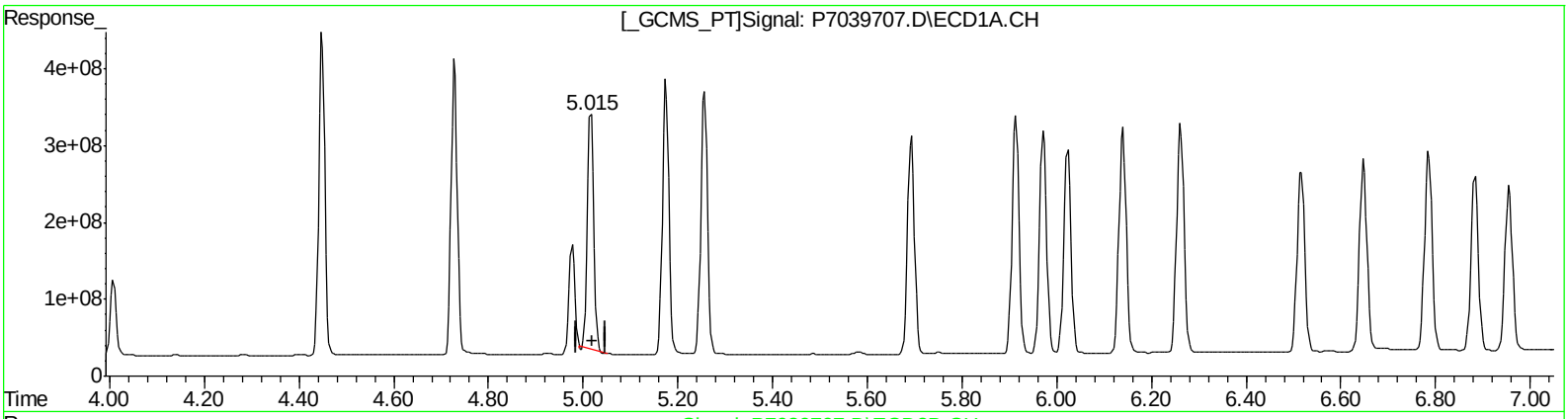
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)

5.016min 49.469 ng/ml

response 2845162839

(4) Heptachlor #2 (MA)

6.007min 53.492 ng/ml

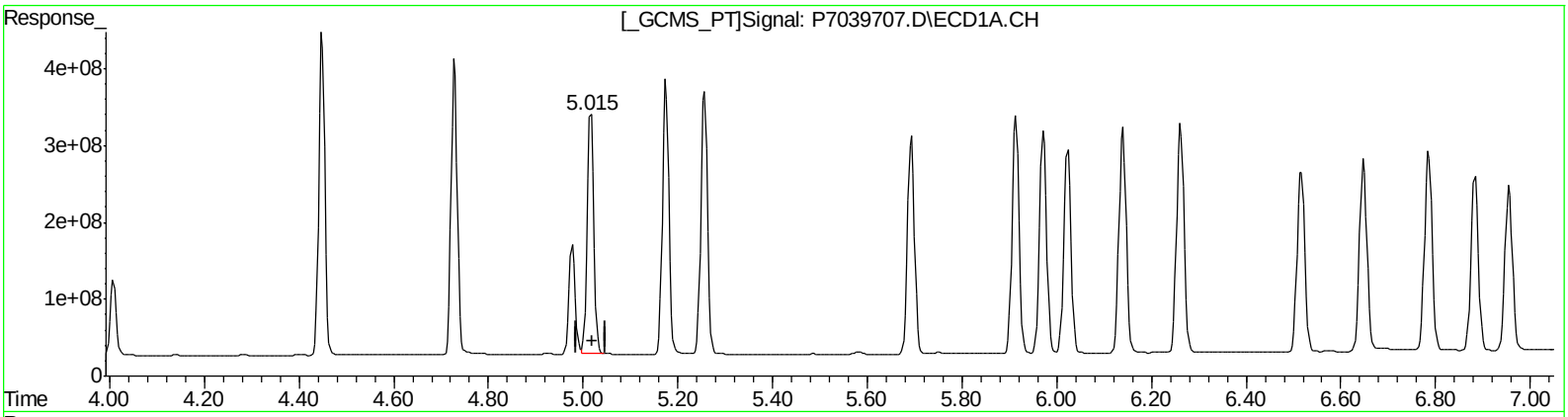
response 5085460112

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(4) Heptachlor (MA)

5.015min 52.411 ng/ml m

response 3014362878

(4) Heptachlor #2 (MA)

6.007min 53.492 ng/ml

response 5085460112

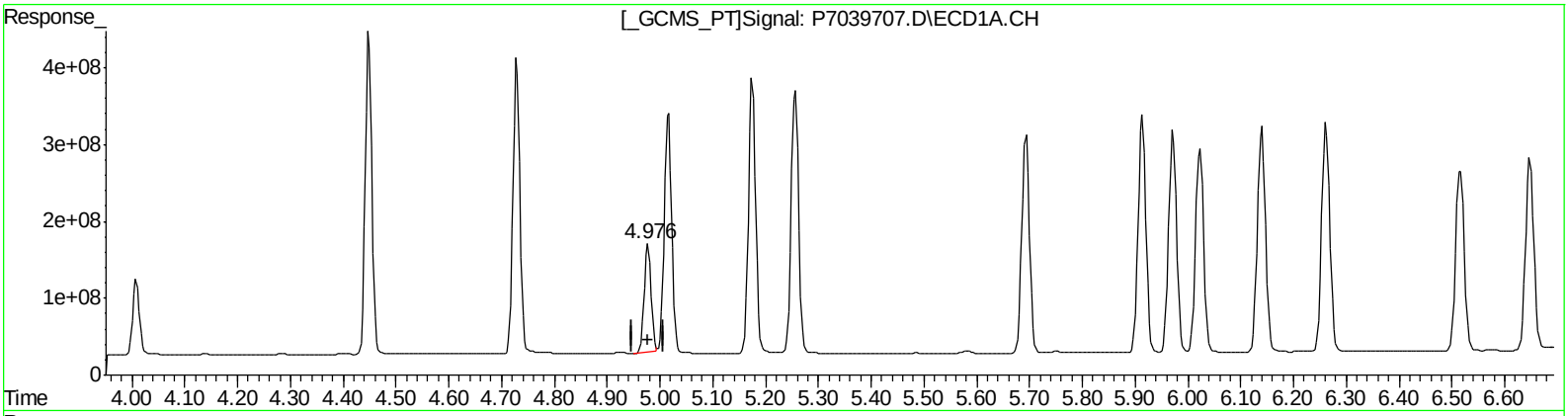
(+) = Expected Retention Time

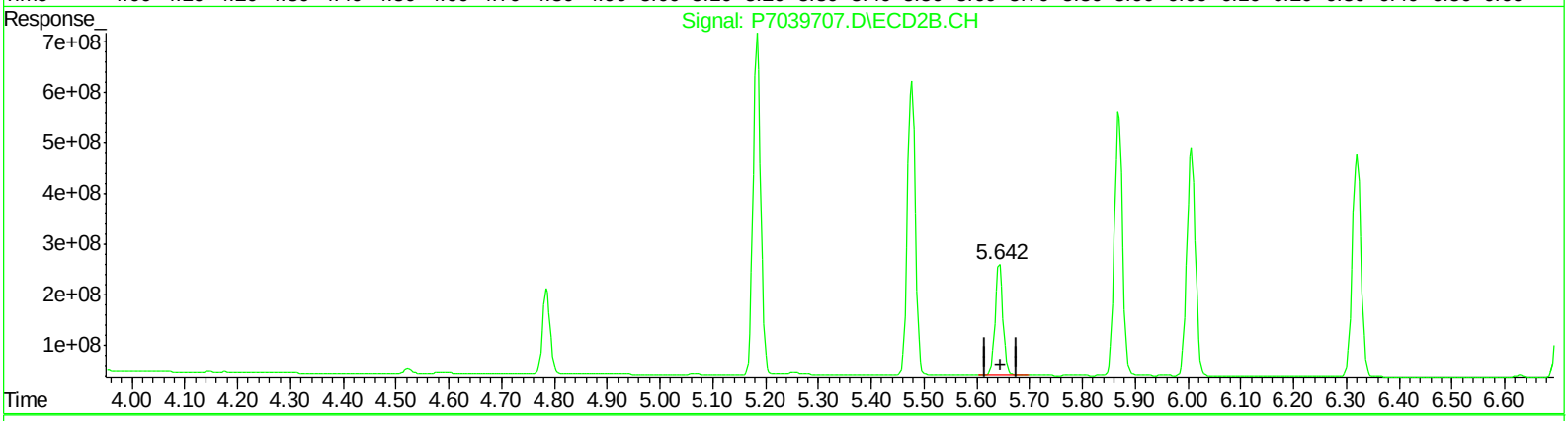
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.978min 48.847 ng/ml

response 1278462859

(6) beta-BHC #2 (B)

5.643min 52.803 ng/ml

response 2311409000

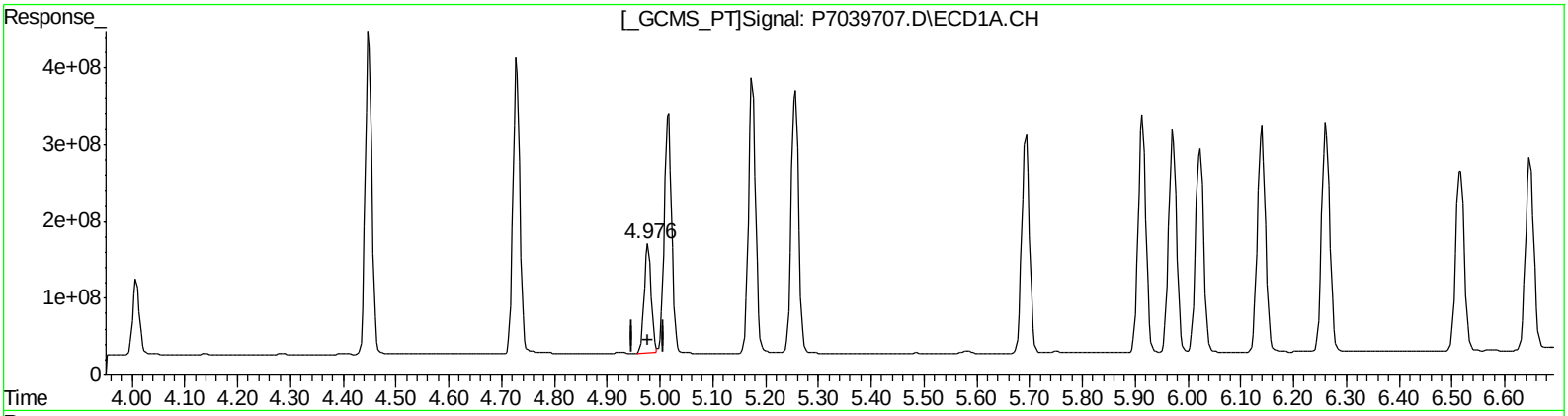
(+) = Expected Retention Time

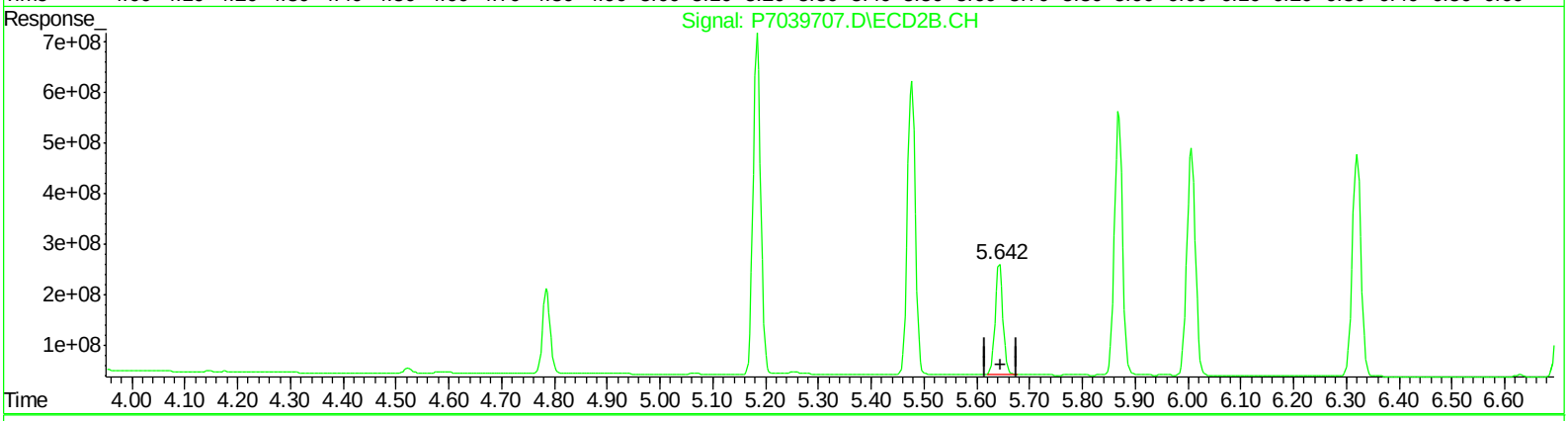
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.976min 49.073 ng/ml m

response 1284378485

(6) beta-BHC #2 (B)

5.642min 52.262 ng/ml m

response 2287725209

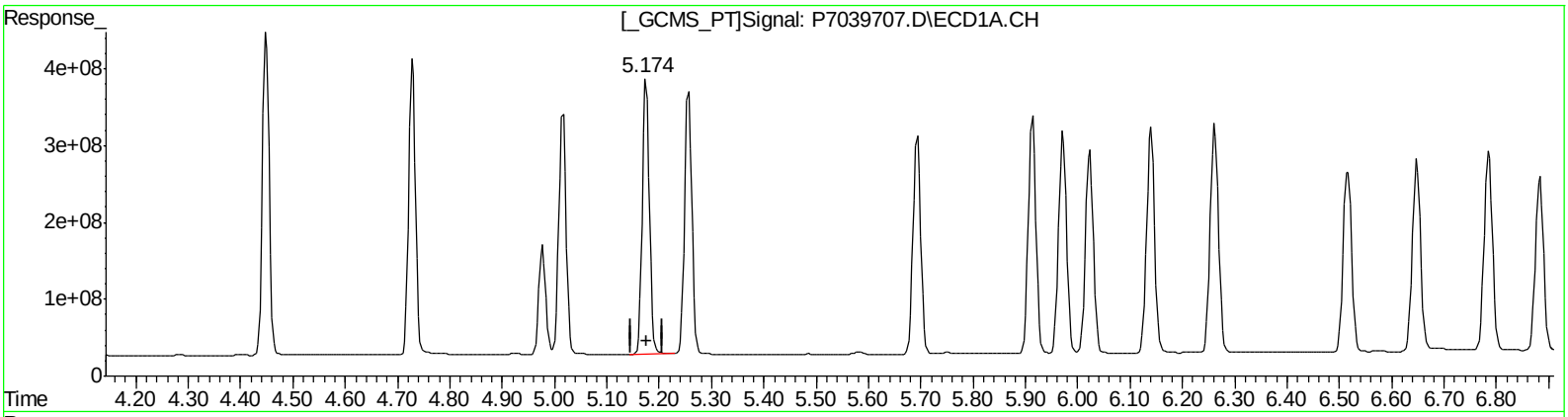
(+) = Expected Retention Time

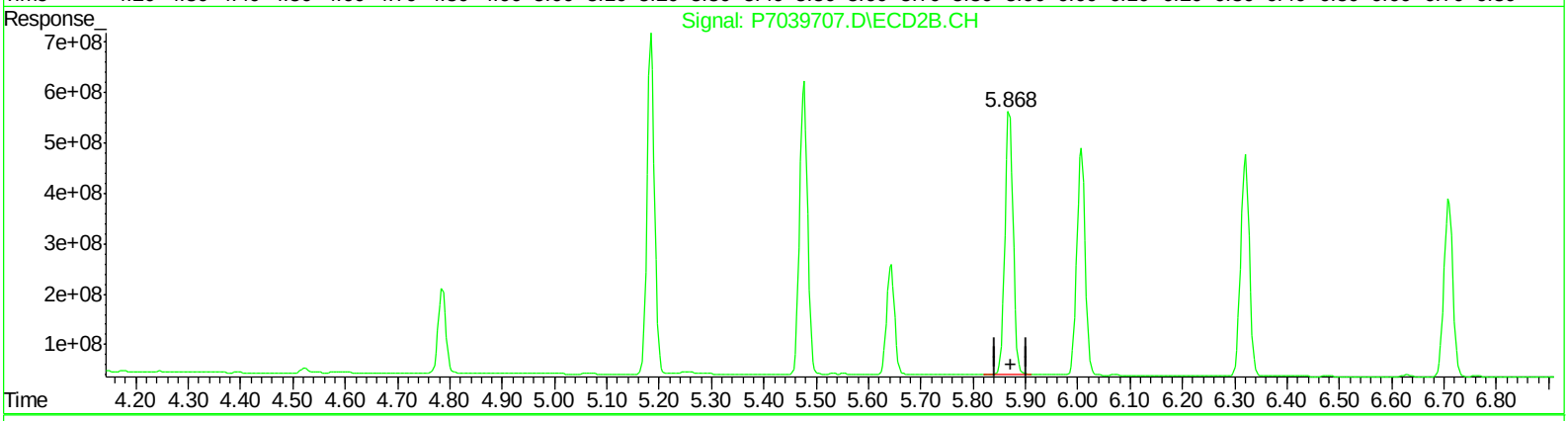
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.175min 49.715 ng/ml

response 3377192752

(7) delta-BHC #2 (B)

5.870min 51.641 ng/ml

response 5687611219

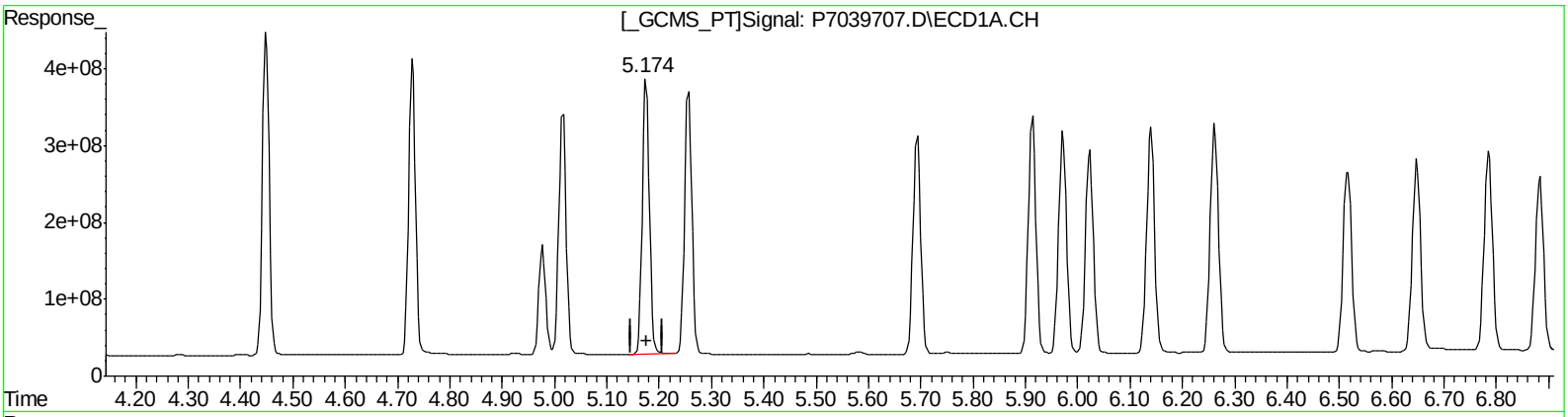
(+) = Expected Retention Time

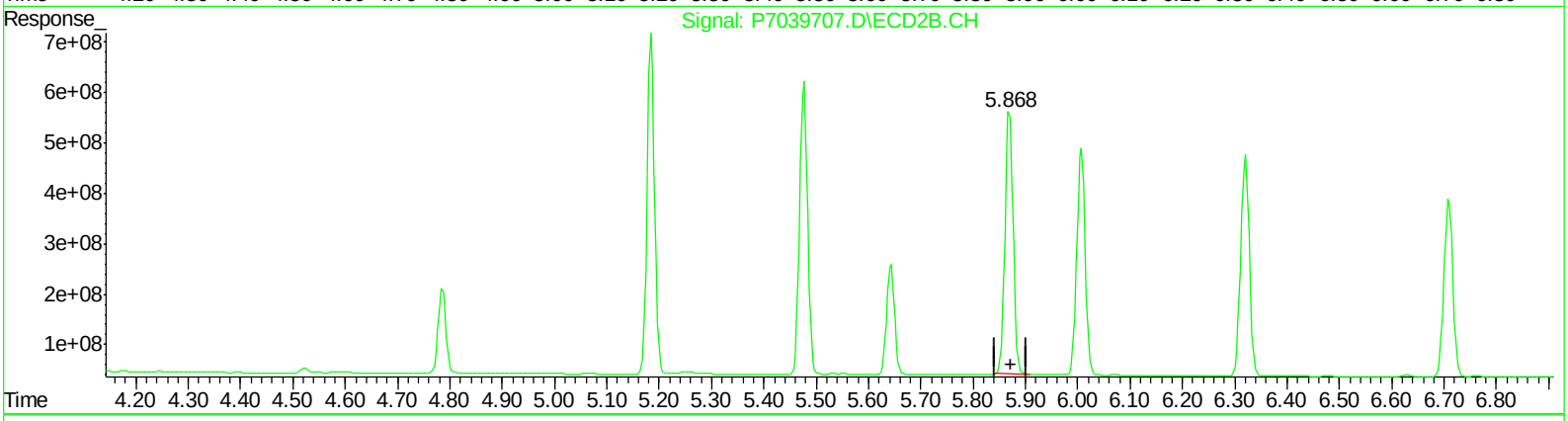
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

5.175min 49.715 ng/ml

response 3377192752

(7) delta-BHC #2 (B)

5.868min 50.970 ng/ml m

response 5613760223

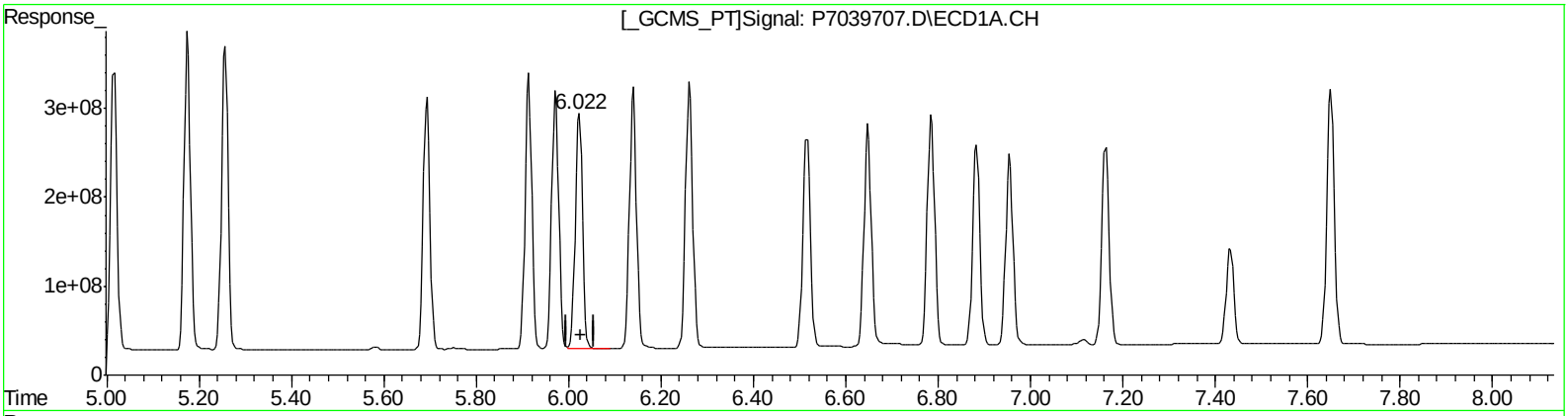
(+) = Expected Retention Time

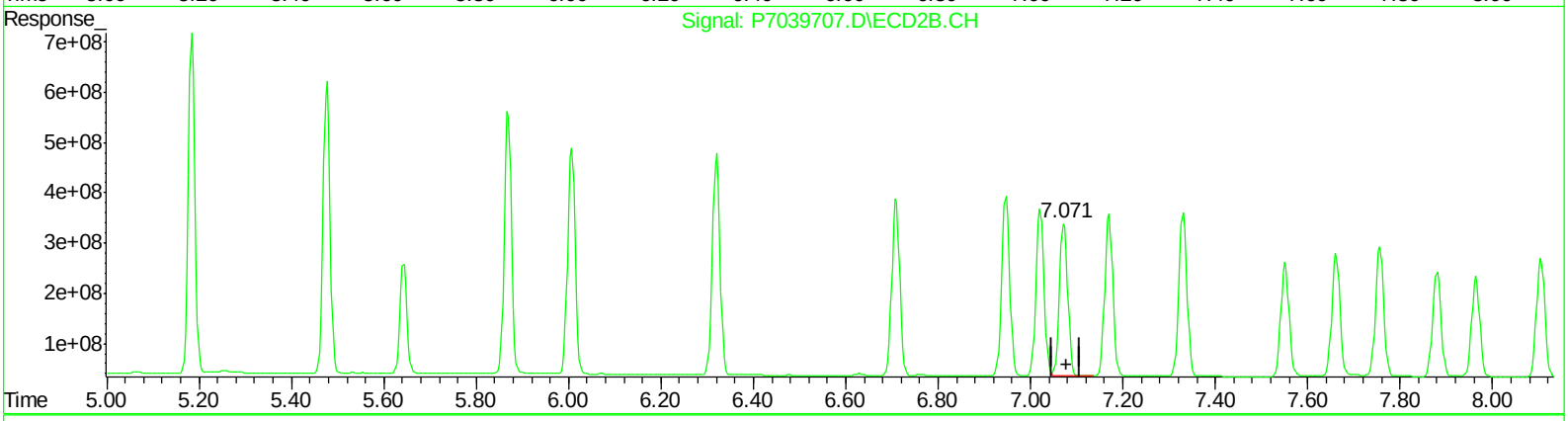
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)

6.024min 45.857 ng/ml

response 2841561702

(9) Endosulfan I #2 (A)

7.073min 44.389 ng/ml

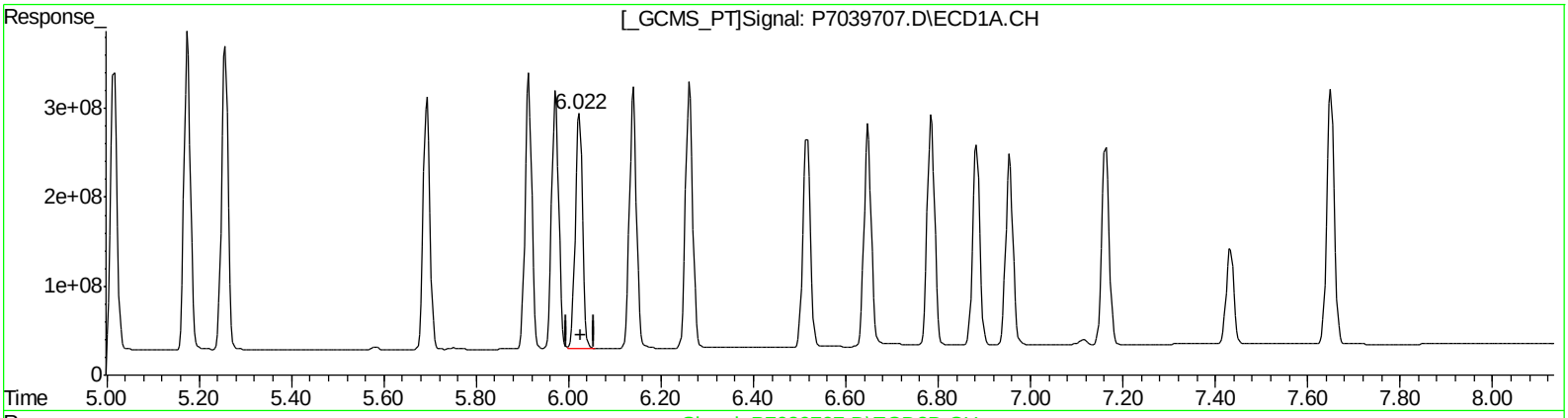
response 3780804611

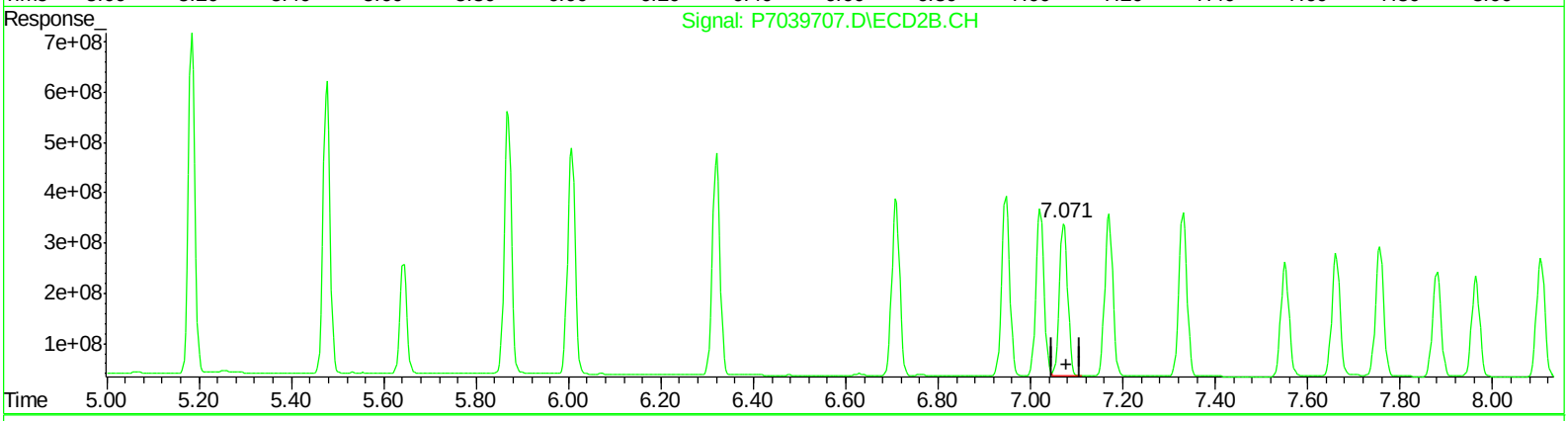
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)

6.022min 45.579 ng/ml m

response 2824307295

(9) Endosulfan I #2 (A)

7.071min 44.206 ng/ml m

response 3765227480

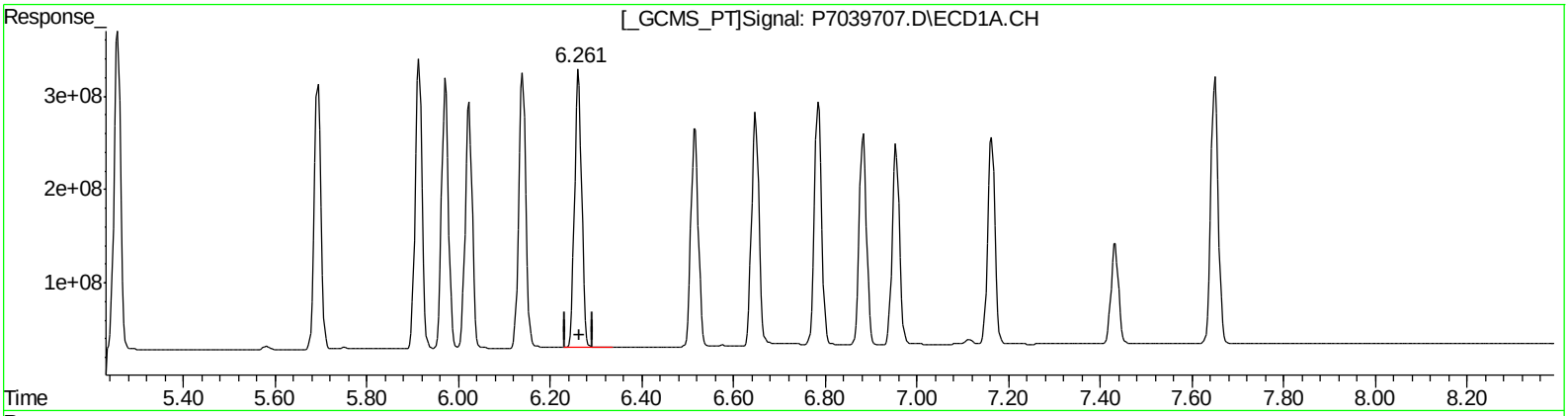
(+) = Expected Retention Time

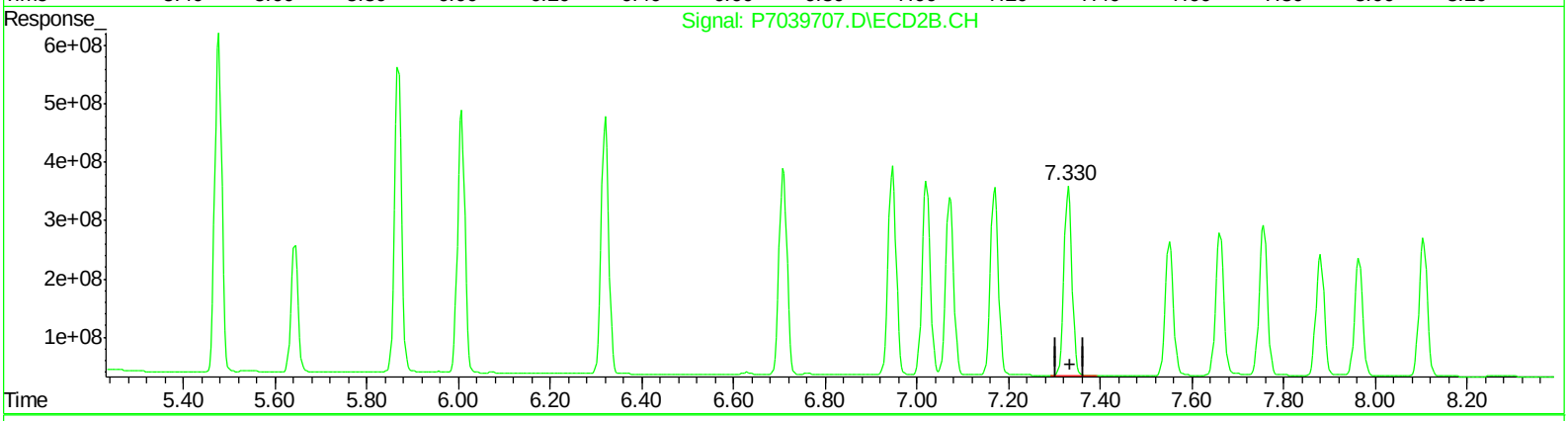
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:25
Operator : JJ
Sample : PB43893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)
6.262min 45.628 ng/ml
response 3266980349

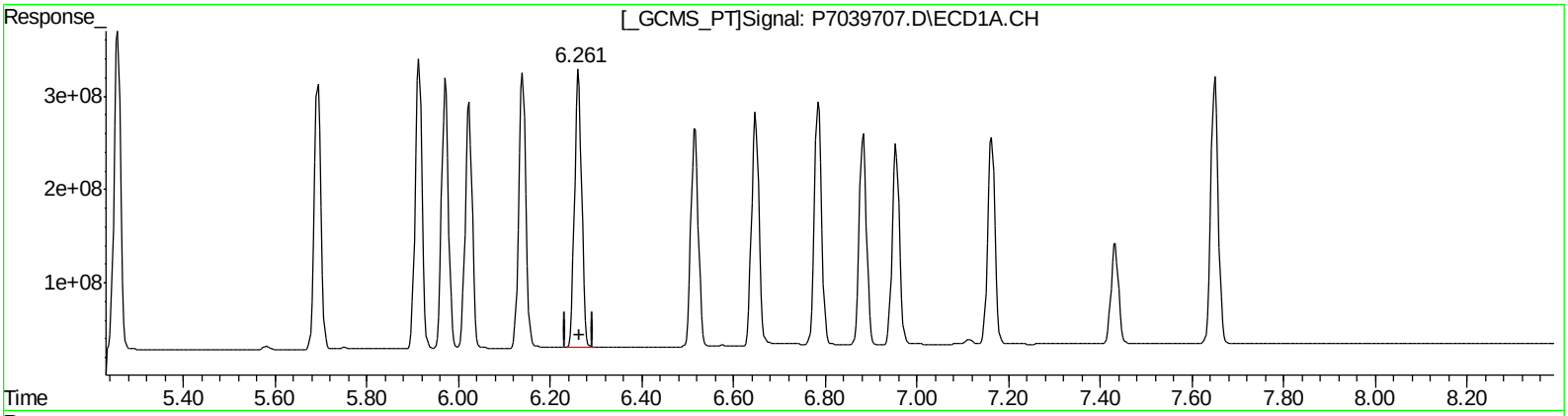
(13) Dieldrin #2 (MA)
7.331min 43.551 ng/ml
response 3970681918

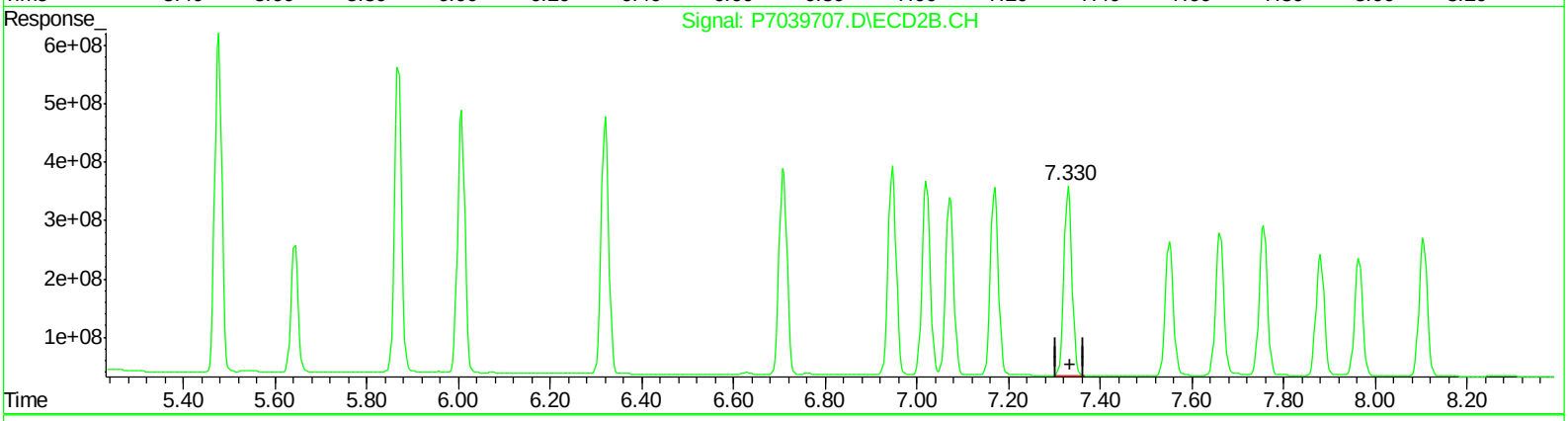
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.261min 45.298 ng/ml m

response 3243332581

(13) Dieldrin #2 (MA)

7.330min 43.428 ng/ml m

response 3959482570

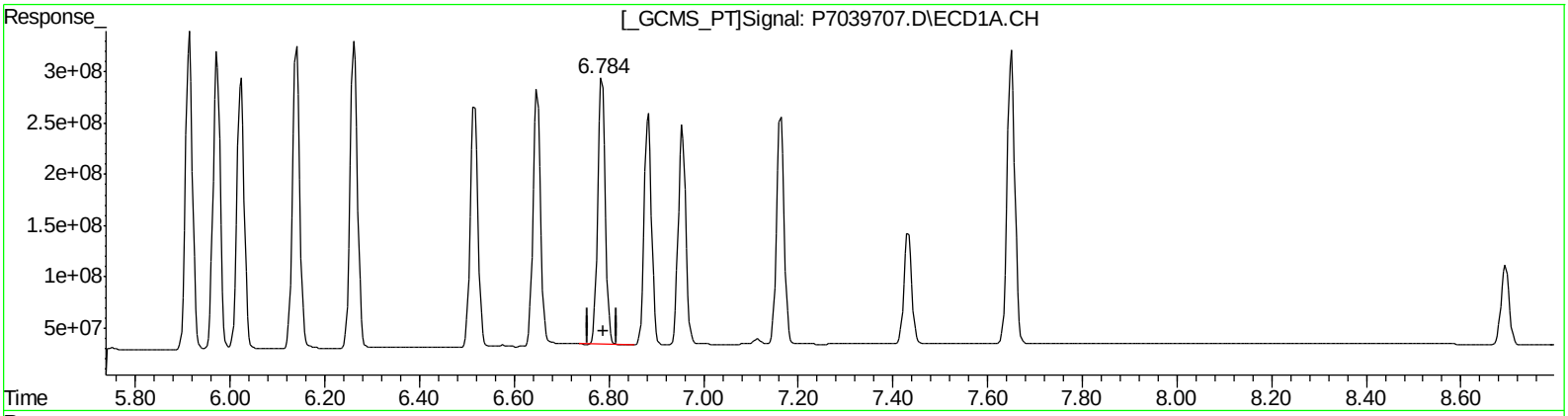
(+) = Expected Retention Time

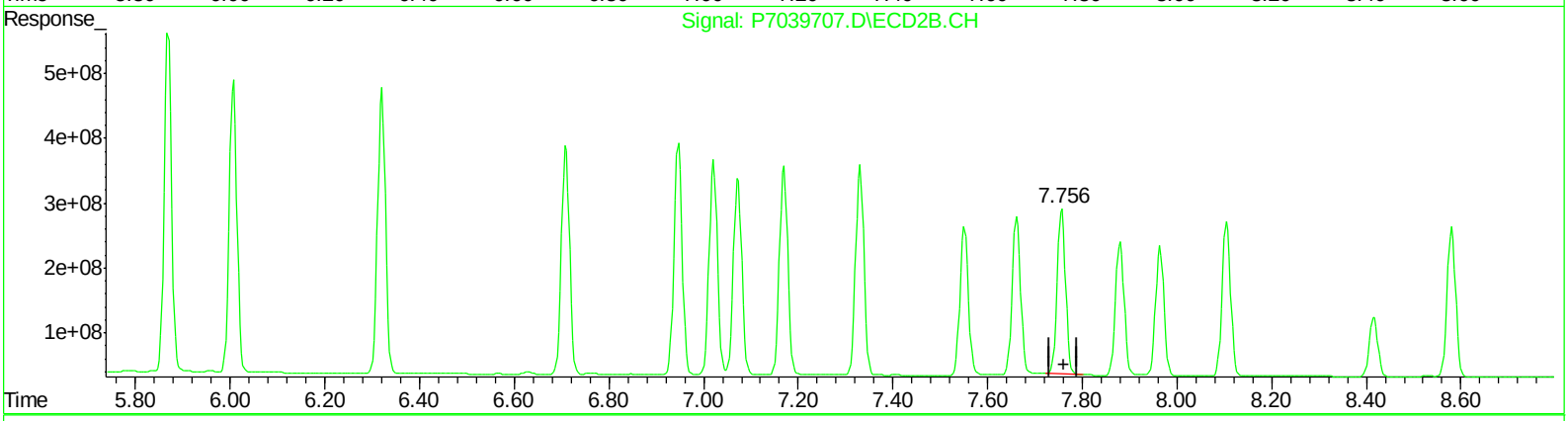
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)
6.786min 45.869 ng/ml
response 2872696290

(15) Endosulfan II #2 (B)
7.757min 42.421 ng/ml
response 3140823031

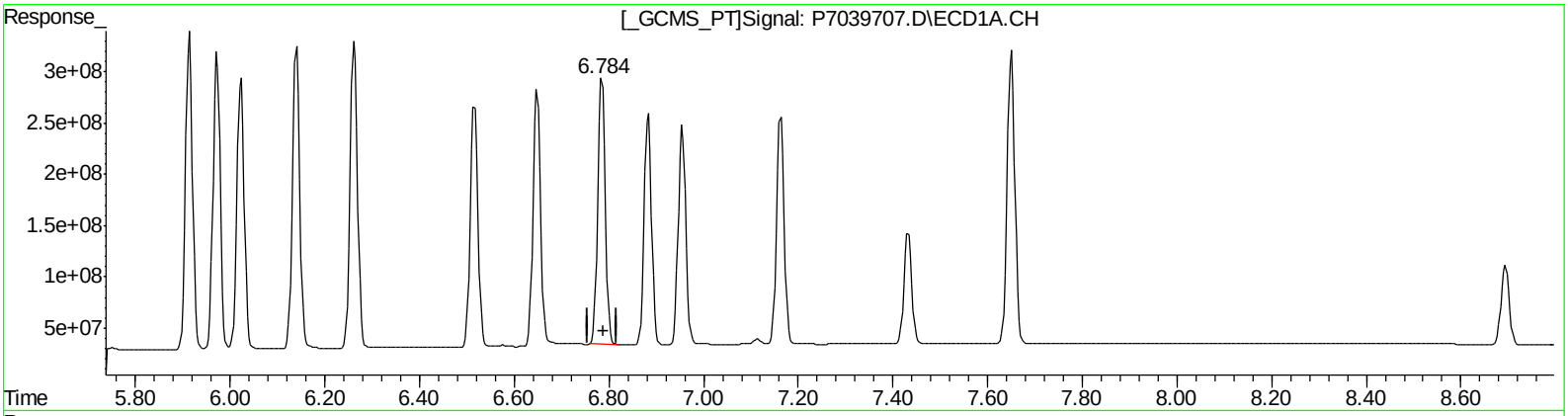
(+) = Expected Retention Time

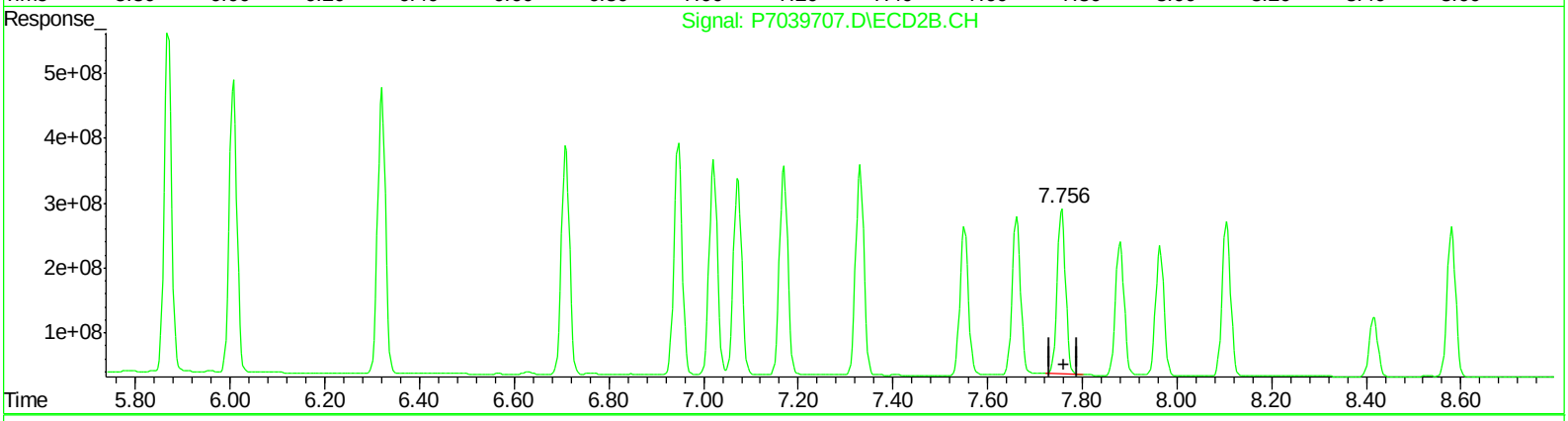
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(15) Endosulfan II (B)

6.784min 45.618 ng/ml m

response 2856965439

(15) Endosulfan II #2 (B)

7.757min 42.421 ng/ml

response 3140823031

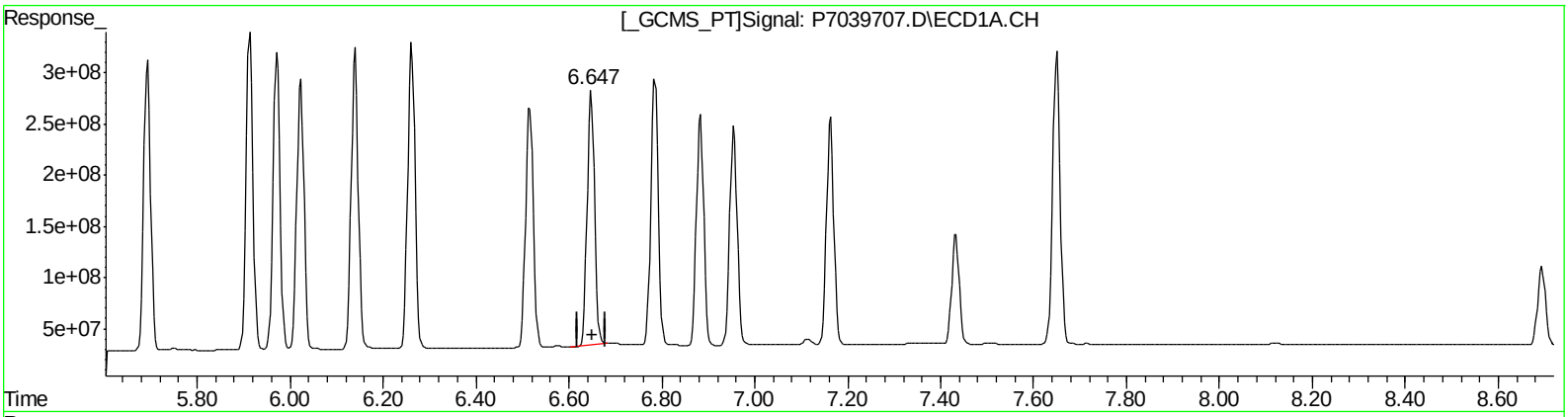
(+) = Expected Retention Time

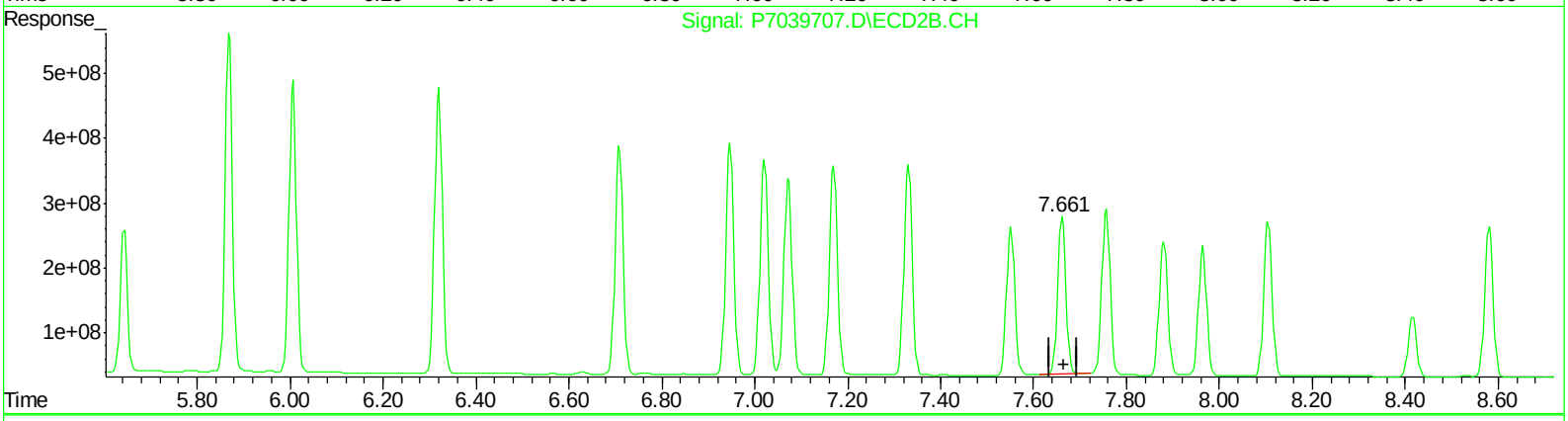
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.649min 45.225 ng/ml
response 2701136762

(16) 4,4'-DDD #2 (A)
7.662min 41.824 ng/ml
response 3035149032

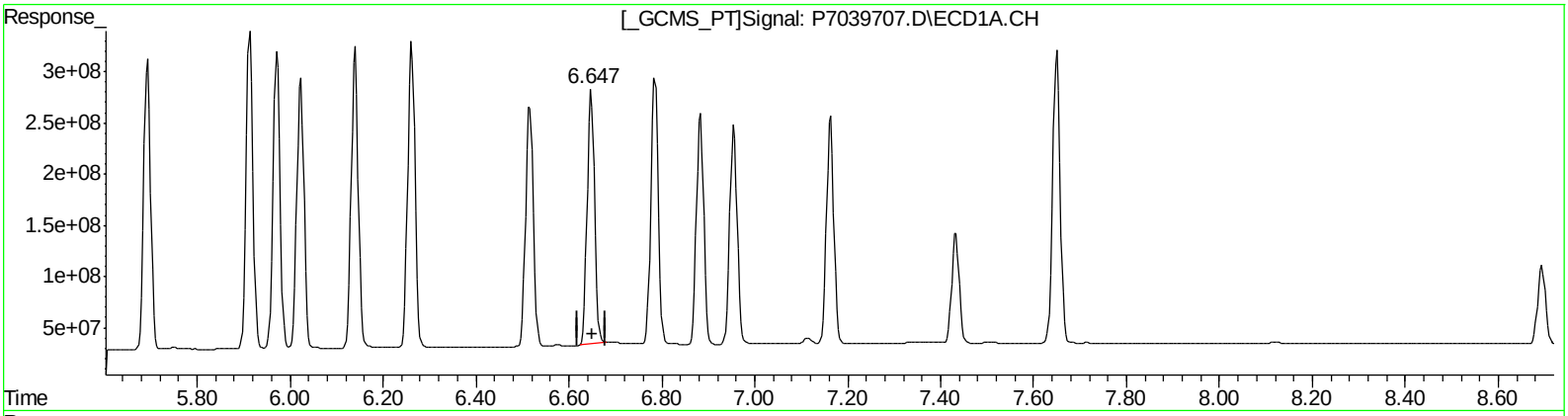
(+) = Expected Retention Time

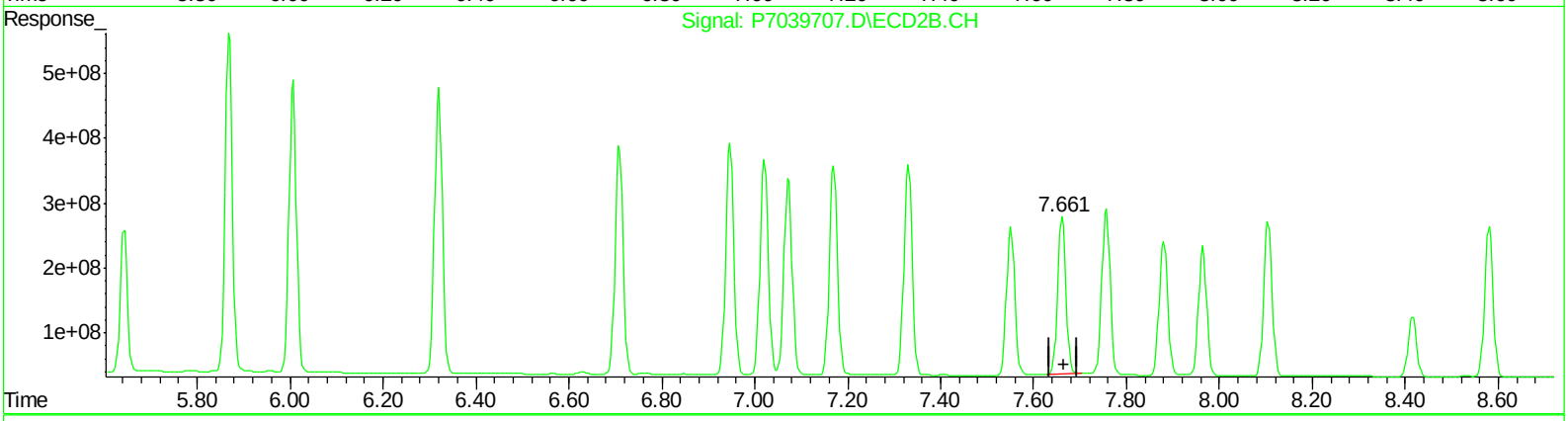
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:25
Operator : JJ
Sample : PB43893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)
6.647min 45.215 ng/ml m
response 2700573380

(16) 4,4'-DDD #2 (A)
7.661min 41.570 ng/ml m
response 3016726438

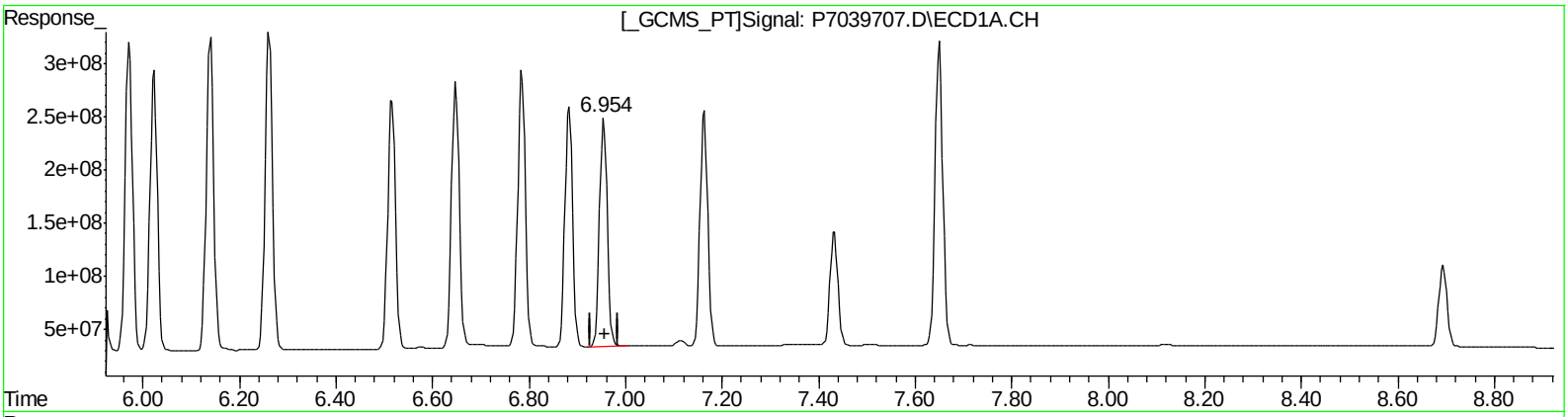
(+) = Expected Retention Time

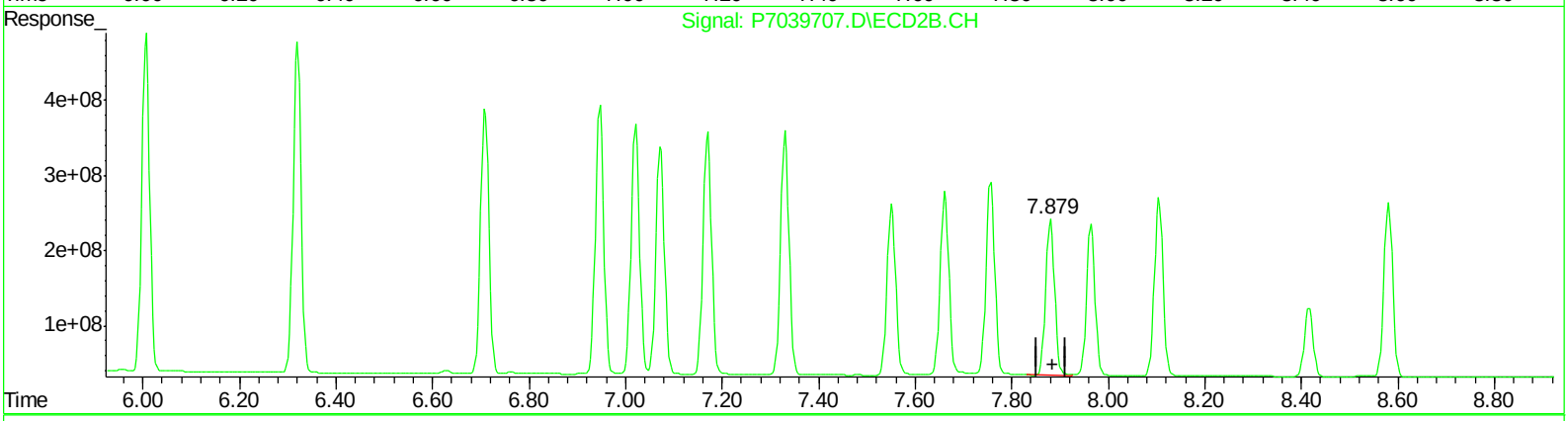
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)
6.955min 46.957 ng/ml
response 2367209134

(18) Endrin aldehyde #2 (B)
7.881min 43.719 ng/ml
response 2675621915

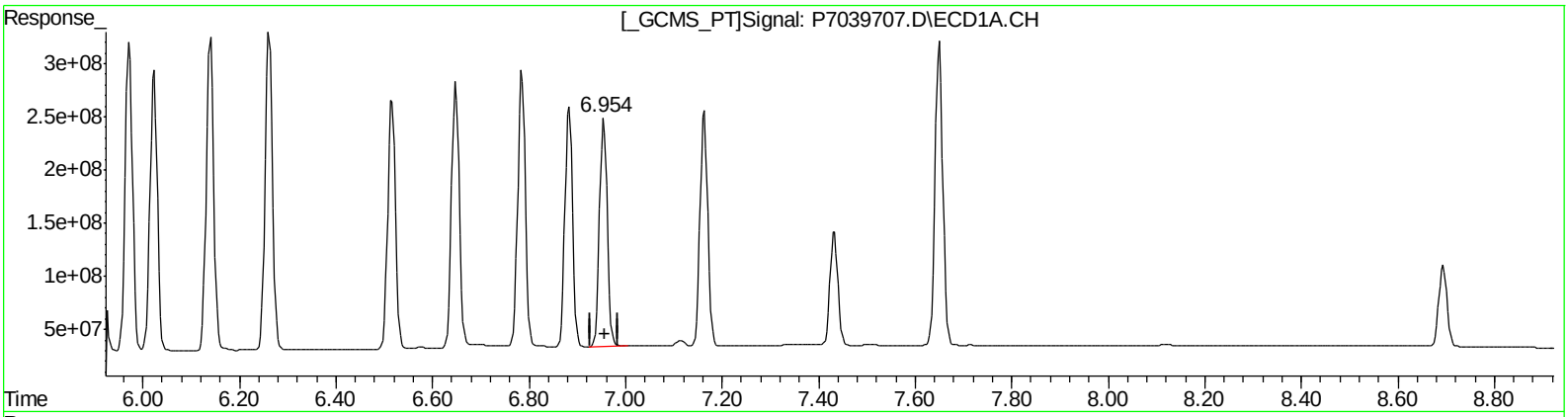
(+) = Expected Retention Time

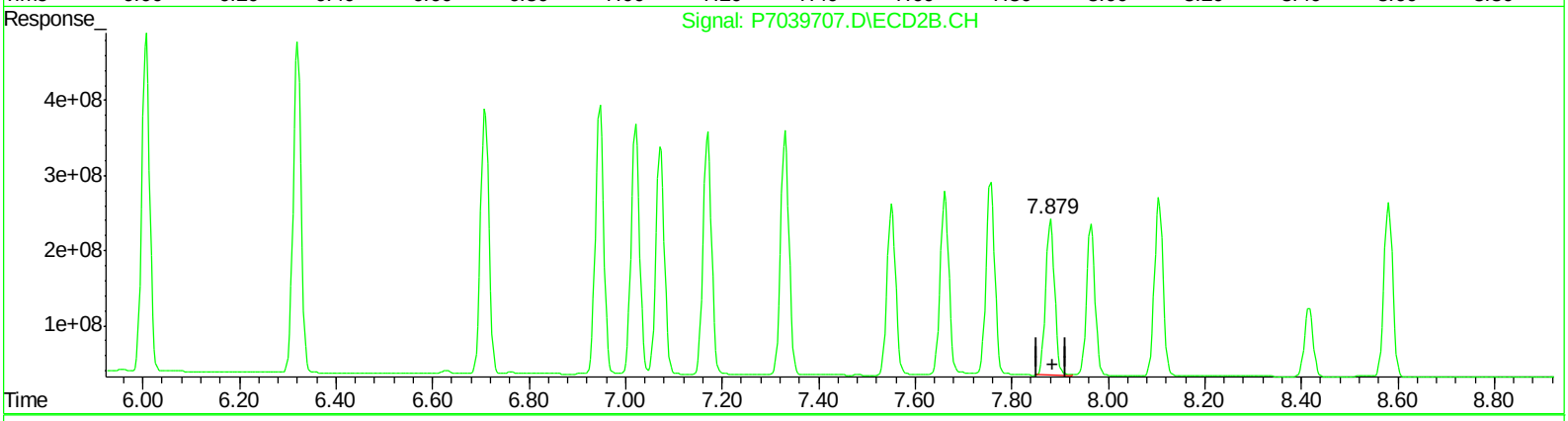
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(18) Endrin aldehyde (B)
6.955min 46.957 ng/ml
response 2367209134

(18) Endrin aldehyde #2 (B)
7.879min 43.728 ng/ml m
response 2676145432

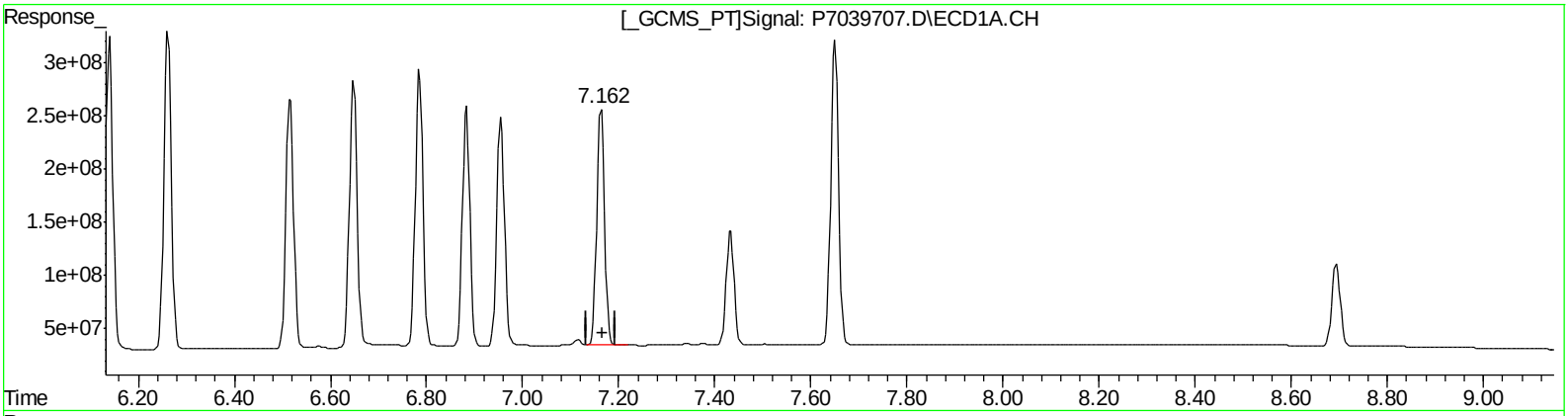
(+) = Expected Retention Time

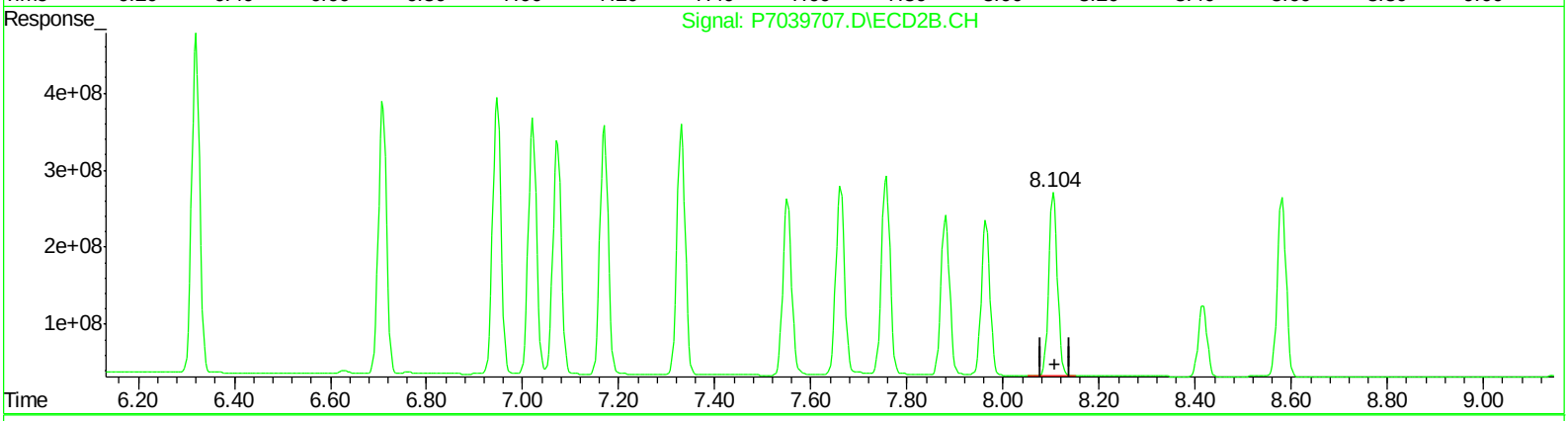
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.163min 53.276 ng/ml

response 2473648482

(19) Endosulfan Sulfate #2 (B)

8.105min 45.941 ng/ml

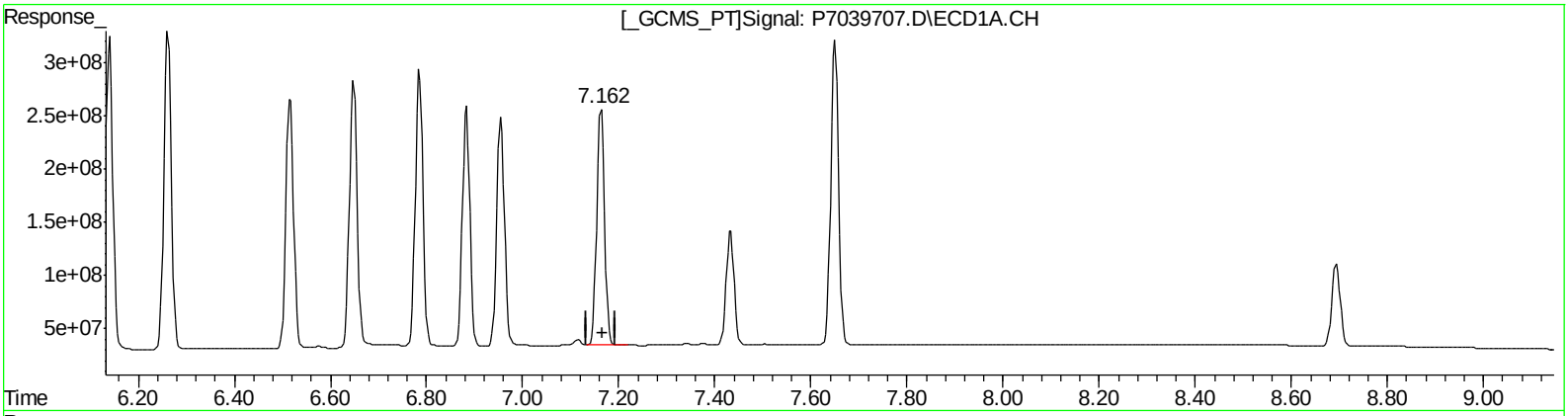
response 2980941039

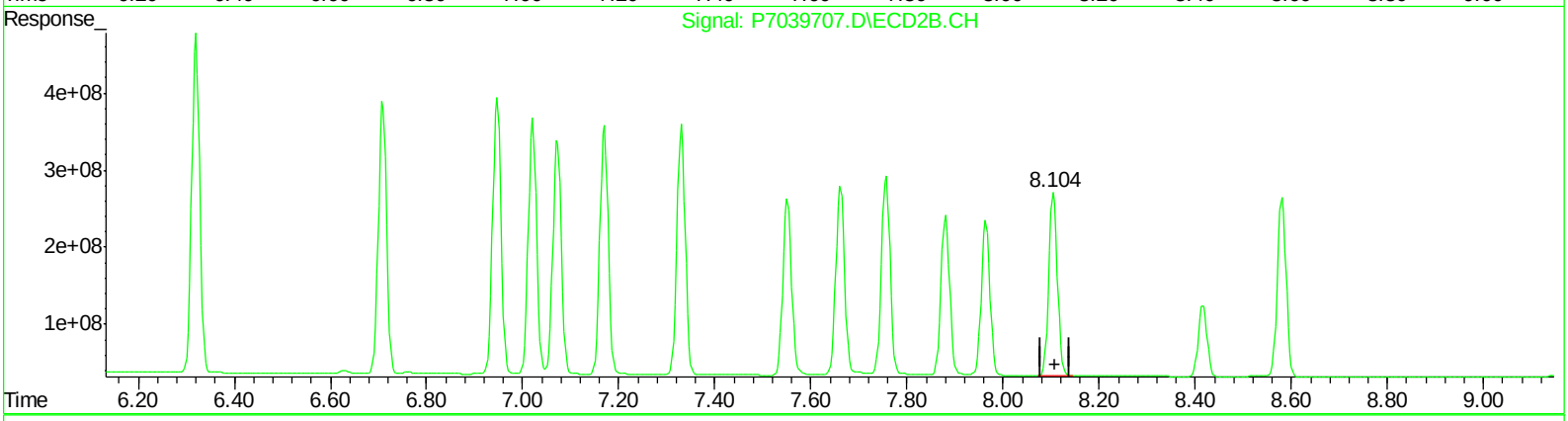
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 10 Aug 2009 14:25
Operator : JJ
Sample   : PB43893BS
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:12:18 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(19) Endosulfan Sulfate (B)

7.163min 53.276 ng/ml

response 2473648482

(19) Endosulfan Sulfate #2 (B)

8.104min 45.935 ng/ml m

response 2980546605

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081009\
Data File : P7039707.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2009 14:25
Operator : JJ
Sample : PB43893BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:27:14 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.007	4.785	842.6E6	1676.6E6	18.923m	19.807m
22)	SA Decachlor...	8.694	10.008	920.8E6	938.0E6	19.156	18.550
	Target Compounds						
2)	A alpha-BHC	4.448	5.184	3692.8E6	6724.5E6	49.095m	51.831m
3)	MA gamma-BHC...	4.729	5.477	3487.9E6	6103.2E6	50.887	53.839
4)	MA Heptachlor	5.015	6.007	3014.4E6	5085.5E6	52.411m	53.492
5)	MB Aldrin	5.257	6.321	3299.1E6	5099.1E6	48.239	49.015
6)	B beta-BHC	4.976	5.642	1284.4E6	2287.7E6	49.073m	52.262m
7)	B delta-BHC	5.175	5.868	3377.2E6	5613.8E6	49.715	50.970m
8)	B Heptachlo...	5.694	6.709	2916.0E6	4227.7E6	46.005	45.636
9)	A Endosulfan I	6.022	7.071	2824.3E6	3765.2E6	45.579m	44.206m
10)	B gamma-Chl...	5.914	6.948	3161.2E6	4279.1E6	45.753	44.430
11)	B alpha-Chl...	5.972	7.021	3039.0E6	4031.4E6	45.312	43.863
12)	B 4,4'-DDE	6.141	7.171	3155.3E6	3943.7E6	47.055	44.497
13)	MA Dieldrin	6.261	7.330	3243.3E6	3959.5E6	45.298m	43.428m
14)	MA Endrin	6.516	7.552	2661.3E6	2857.4E6	46.751	43.359
15)	B Endosulfa...	6.784	7.757	2857.0E6	3140.8E6	45.618m	42.421
16)	A 4,4'-DDD	6.647	7.661	2700.6E6	3016.7E6	45.215m	41.570m
17)	MA 4,4'-DDT	6.884	7.965	2459.3E6	2488.1E6	48.067	48.177
18)	B Endrin al...	6.955	7.879	2367.2E6	2676.1E6	46.957	43.728m
19)	B Endosulfa...	7.163	8.104	2473.6E6	2980.5E6	53.276	45.935m
20)	A Methoxychlor	7.433	8.417	1217.8E6	1172.2E6	49.641	43.798
21)	B Endrin ke...	7.651	8.581	3225.4E6	2918.8E6	51.743	48.614

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

A3816-02MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-02MS

Sample wt/vol: 15 (g/mL) g Lab File ID: P7039750.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

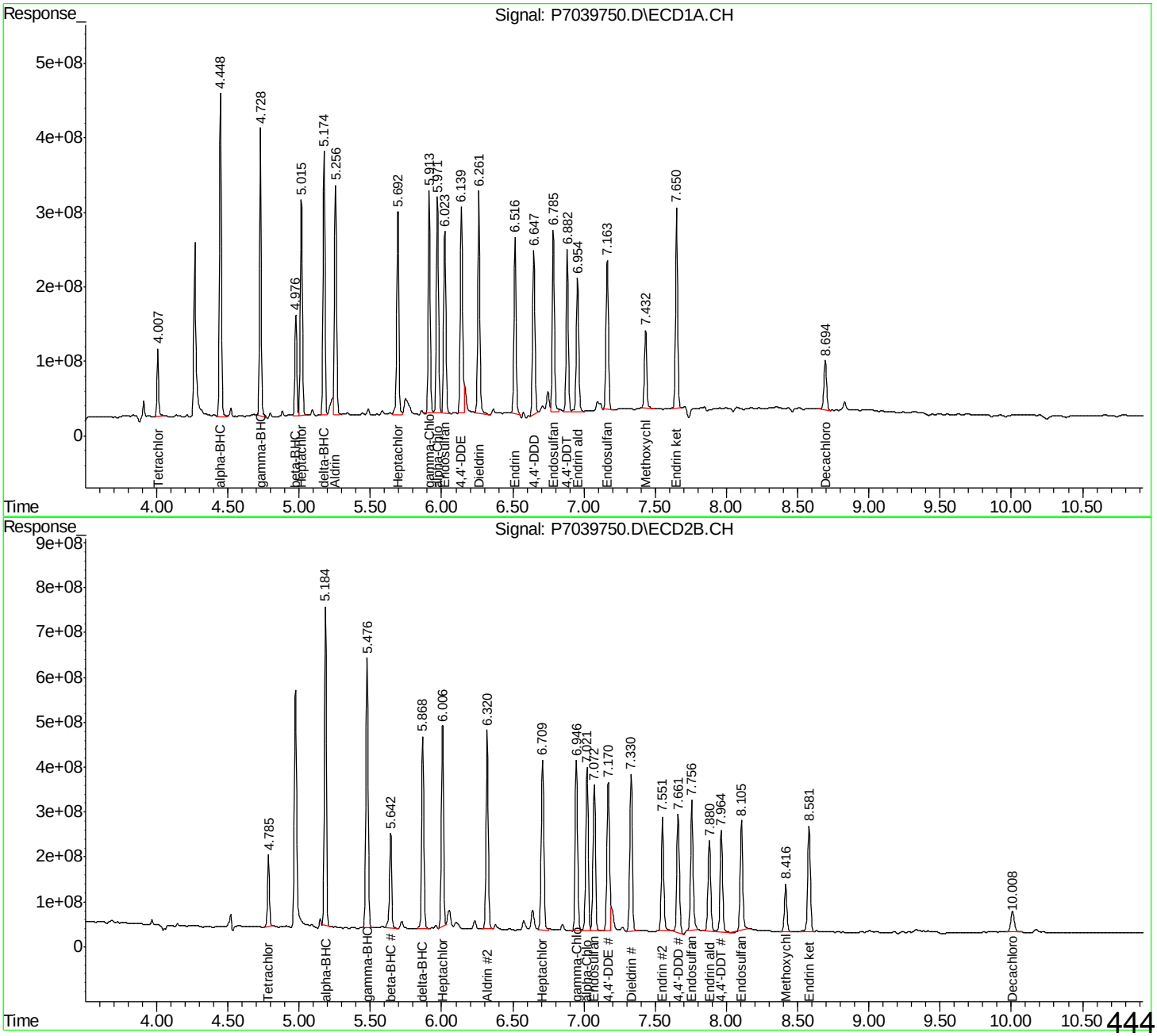
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	22	
319-85-7	beta-BHC	22	
319-86-8	delta-BHC	20	
58-89-9	gamma-BHC (Lindane)	23	
76-44-8	Heptachlor	22	
309-00-2	Aldrin	20	
1024-57-3	Heptachlor epoxide	20	
959-98-8	Endosulfan I	19	
60-57-1	Dieldrin	19	
72-55-9	4,4'-DDE	19	
72-20-8	Endrin	19	
33213-65-9	Endosulfan II	21	
72-54-8	4,4'-DDD	19	
1031-07-8	Endosulfan sulfate	20	
50-29-3	4,4'-DDT	22	
72-43-5	Methoxychlor	21	
53494-70-5	Endrin ketone	21	
7421-93-4	Endrin aldehyde	17	
5103-71-9	alpha-Chlordane	19	
5103-74-2	gamma-Chlordane	19	
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:01
Operator : JJ
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:52:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

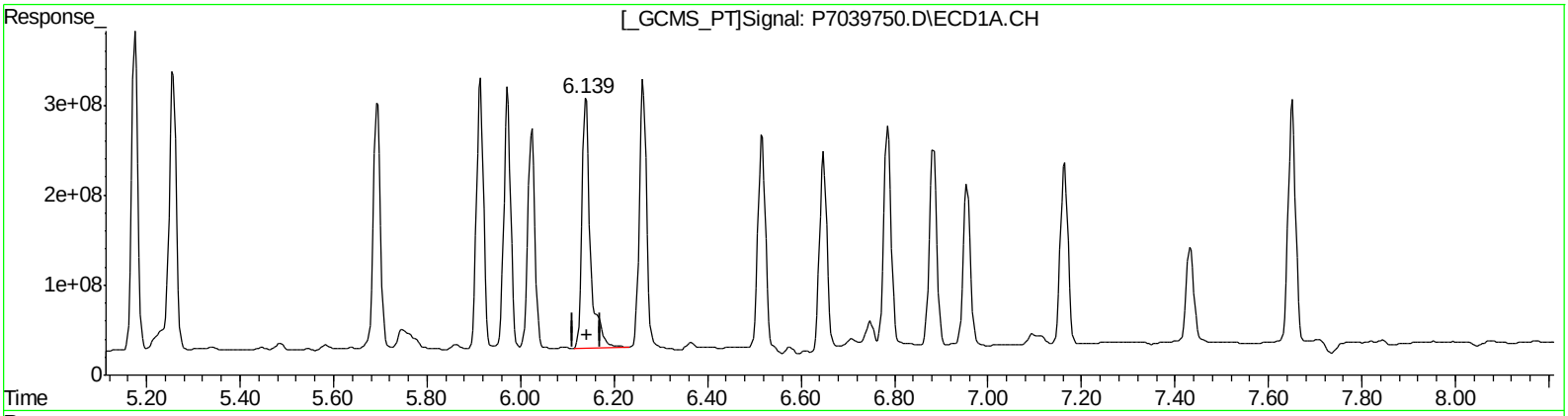


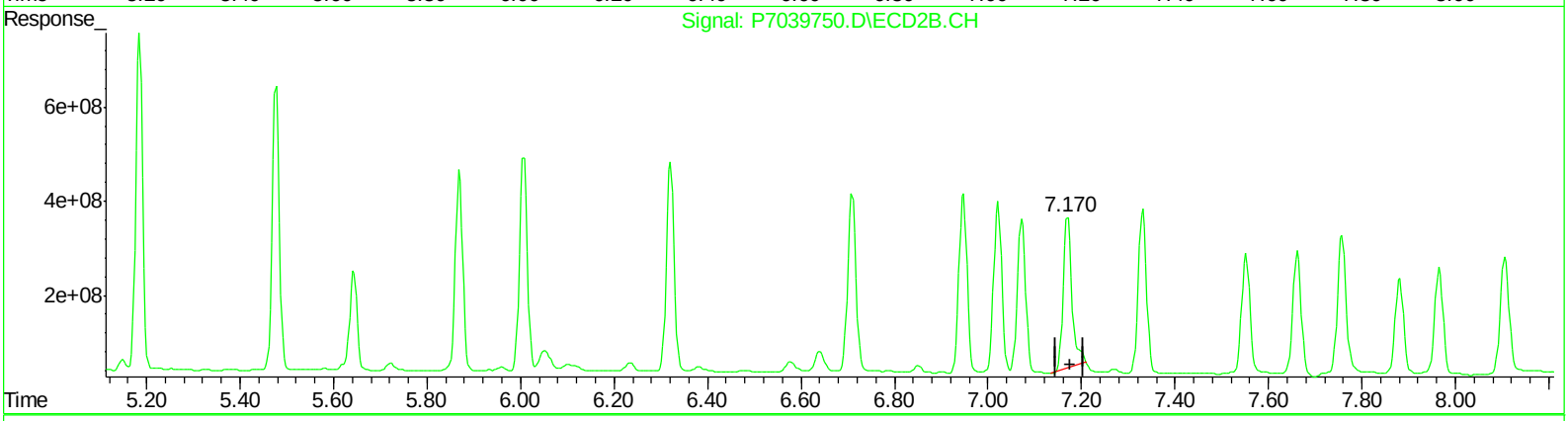
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:01
Operator : JJ
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:15 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)
6.140min 51.137 ng/ml
response 3429040630

(12) 4,4'-DDE #2 (B)
7.171min 46.391 ng/ml
response 4111622025

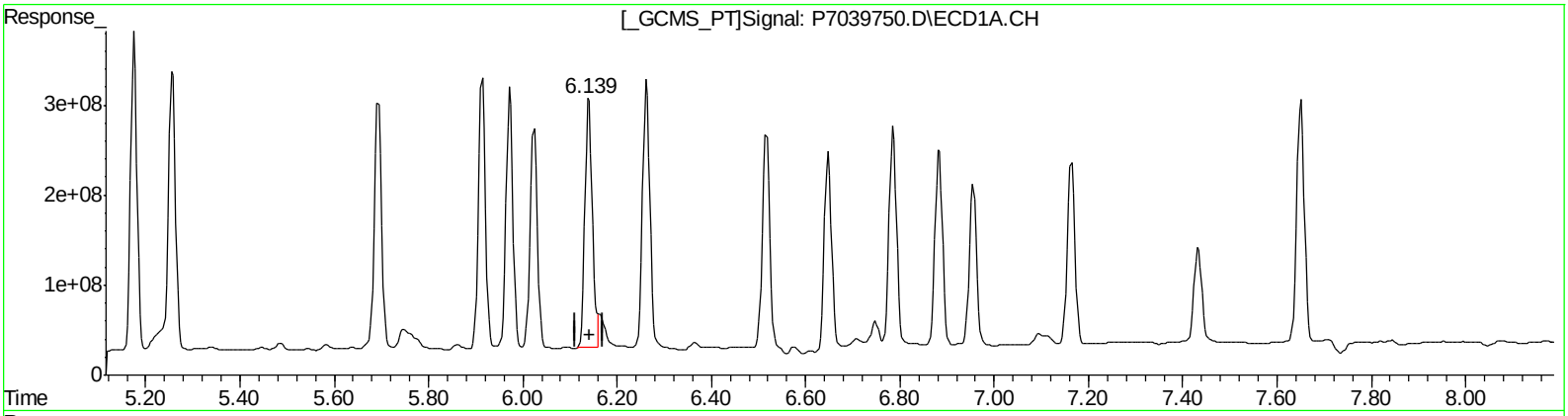
(+) = Expected Retention Time

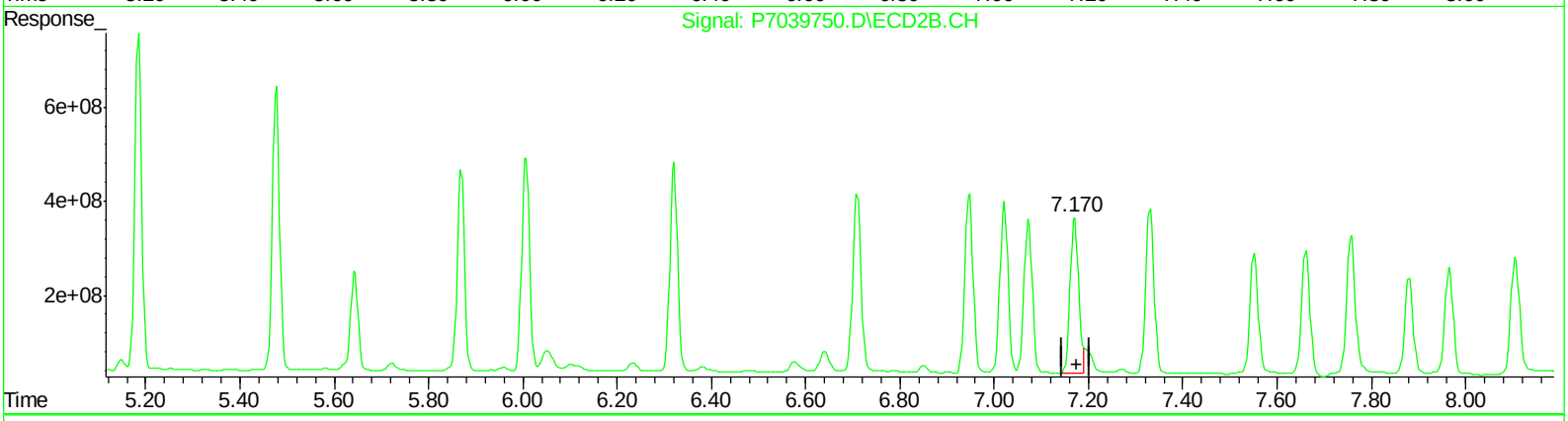
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:01
Operator : JJ
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:15 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)
6.139min 44.886 ng/ml m
response 3009895403

(12) 4,4'-DDE #2 (B)
7.170min 45.786 ng/ml m
response 4058040498

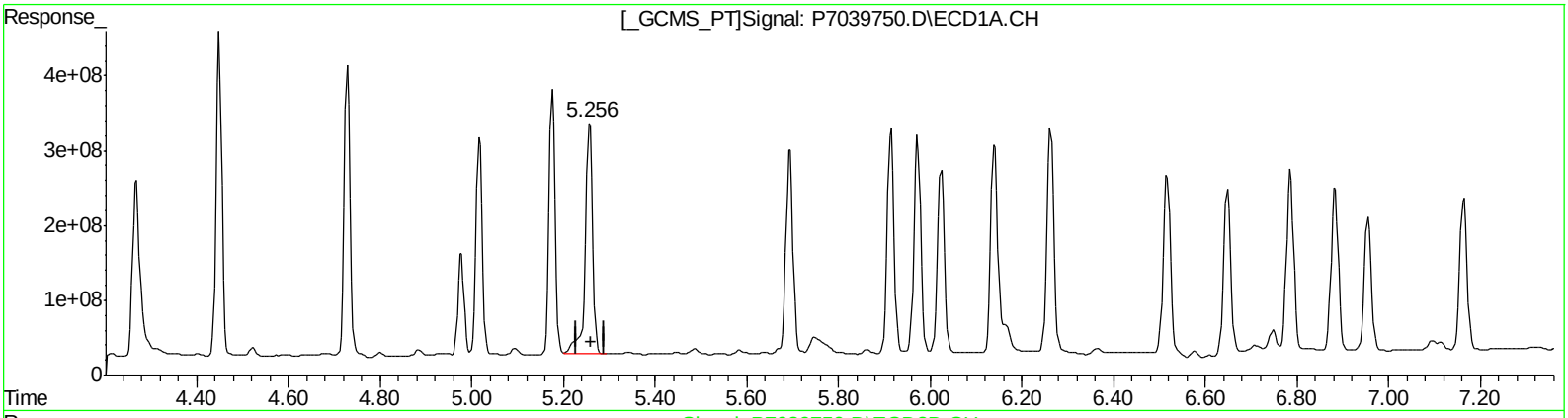
(+) = Expected Retention Time

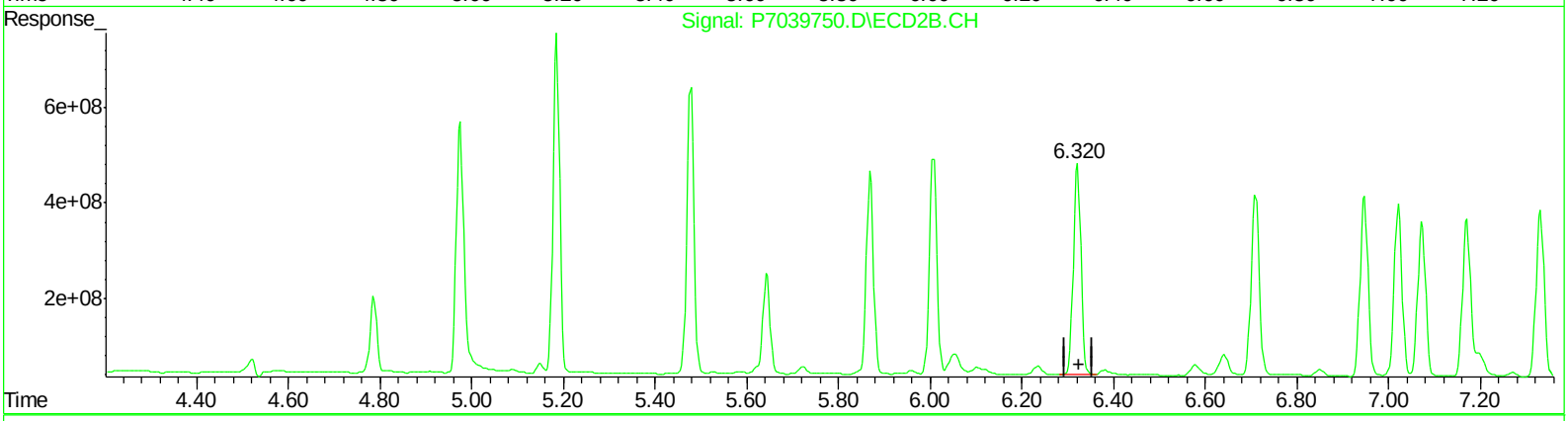
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:01
Operator : JJ
Sample   : A3816-02MS
Misc   :
ALS Vial : 6   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:15 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

5.257min 50.905 ng/ml

response 3481461897

(5) Aldrin #2 (MB)

6.321min 49.033 ng/ml

response 5101065704

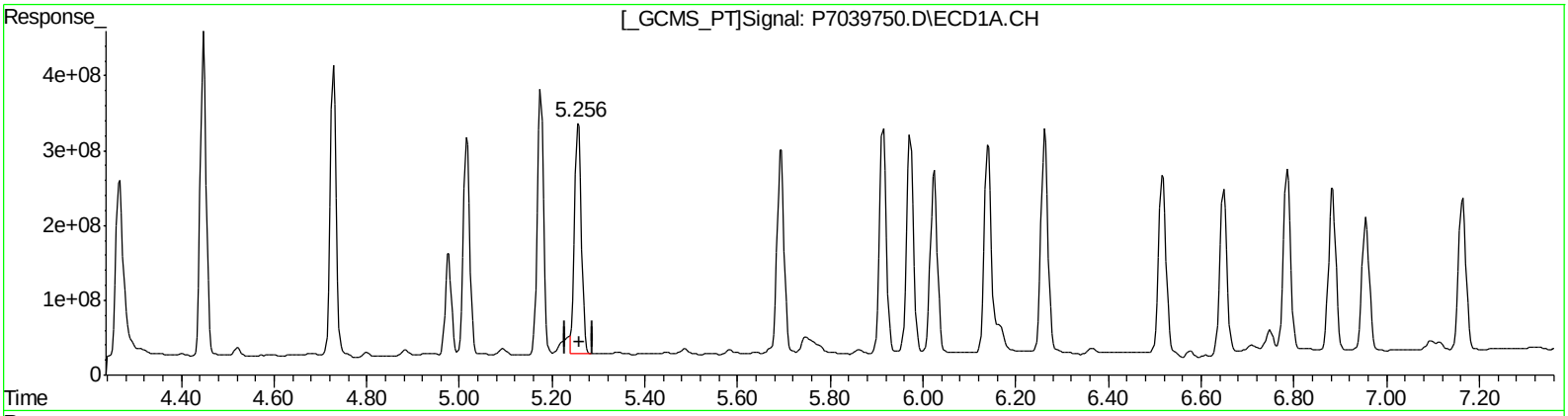
(+) = Expected Retention Time

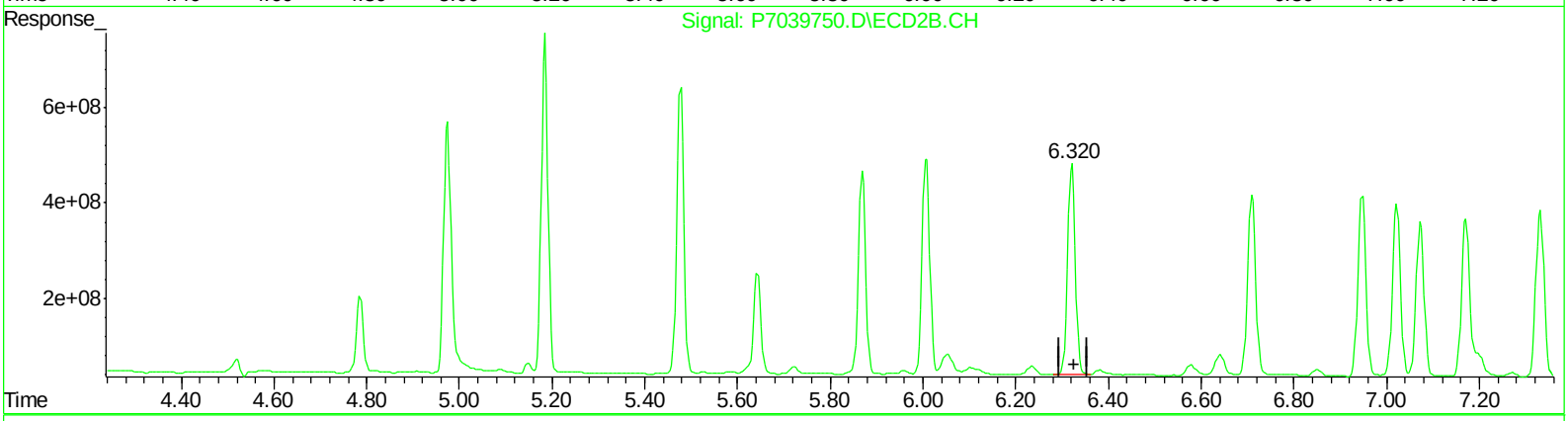
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:01
Operator : JJ
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:51:15 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

5.256min 46.330 ng/ml m

response 3168576538

(5) Aldrin #2 (MB)

6.321min 49.033 ng/ml

response 5101065704

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039750.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:01
Operator : JJ
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:52:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.009	4.786	804.2E6	1604.8E6	18.061	18.959
22)	SA Decachlor...	8.695	10.010	822.2E6	823.1E6	17.105	16.277
	Target Compounds						
2)	A alpha-BHC	4.449	5.185	3806.9E6	7080.5E6	50.612	54.575
3)	MA gamma-BHC...	4.729	5.478	3512.1E6	6305.4E6	51.239	55.623
4)	MA Heptachlor	5.017	6.007	2765.6E6	5078.7E6	48.086	53.421
5)	MB Aldrin	5.256	6.321	3168.6E6	5101.1E6	46.330m	49.033
6)	B beta-BHC	4.977	5.644	1266.9E6	2383.7E6	48.407	54.455
7)	B delta-BHC	5.176	5.870	3289.1E6	4660.7E6	48.418	42.317
8)	B Heptachlo...	5.694	6.710	3042.4E6	4674.7E6	47.999	50.460
9)	A Endosulfan I	6.024	7.073	2628.4E6	3991.9E6	42.417	46.868
10)	B gamma-Chl...	5.914	6.948	3048.4E6	4591.1E6	44.119	47.670
11)	B alpha-Chl...	5.973	7.022	2999.6E6	4368.1E6	44.726	47.526
12)	B 4,4'-DDE	6.139	7.170	3009.9E6	4058.0E6	44.886m	45.786m
13)	MA Dieldrin	6.263	7.332	3251.7E6	4352.1E6	45.415	47.734
14)	MA Endrin	6.517	7.552	2660.3E6	3116.3E6	46.735	47.287
15)	B Endosulfa...	6.786	7.758	2715.7E6	3782.7E6	43.362	51.090
16)	A 4,4'-DDD	6.649	7.662	2367.7E6	3381.1E6	39.643	46.591
17)	MA 4,4'-DDT	6.884	7.966	2426.3E6	2843.0E6	47.473	55.050
18)	B Endrin al...	6.956	7.881	1988.0E6	2499.2E6	39.435	40.837
19)	B Endosulfa...	7.164	8.106	2250.7E6	3127.5E6	48.474	48.200
20)	A Methoxychlor	7.433	8.417	1236.2E6	1357.8E6	50.389	50.729
21)	B Endrin ke...	7.651	8.582	3013.4E6	3121.8E6	48.342	51.994

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

A3816-03MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-03MSD

Sample wt/vol: 15 (g/mL) g Lab File ID: P7039751.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

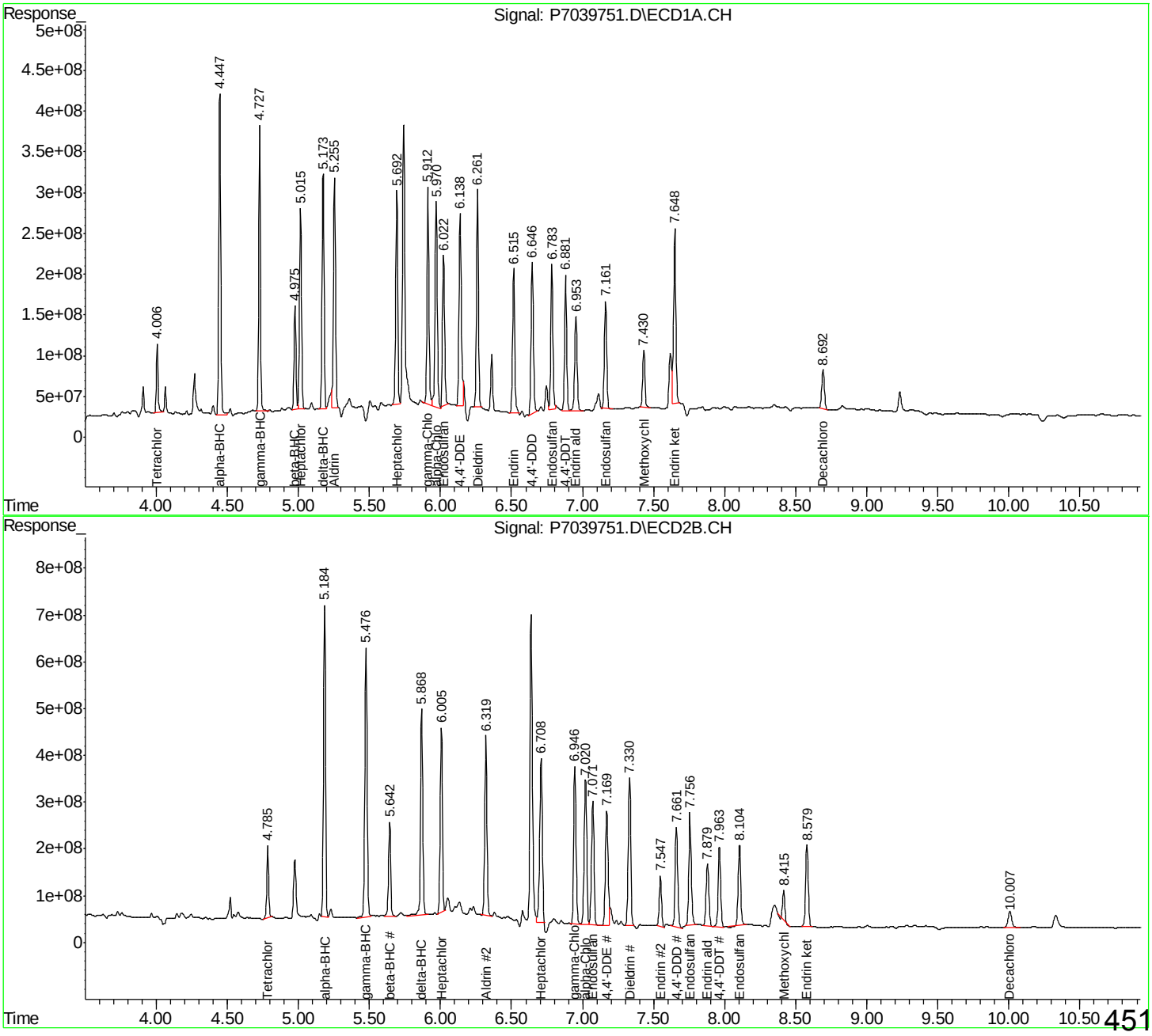
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	21	
319-85-7	beta-BHC	20	
319-86-8	delta-BHC	18	
58-89-9	gamma-BHC (Lindane)	22	
76-44-8	Heptachlor	18	
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	19	
959-98-8	Endosulfan I	15	
60-57-1	Dieldrin	17	
72-55-9	4,4'-DDE	16	
72-20-8	Endrin	14	P
33213-65-9	Endosulfan II	17	P
72-54-8	4,4'-DDD	15	
1031-07-8	Endosulfan sulfate	14	
50-29-3	4,4'-DDT	17	
72-43-5	Methoxychlor	13	P
53494-70-5	Endrin ketone	17	
7421-93-4	Endrin aldehyde	11	
5103-71-9	alpha-Chlordane	17	
5103-74-2	gamma-Chlordane	17	
8001-35-2	Toxaphene	21	U

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:56:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

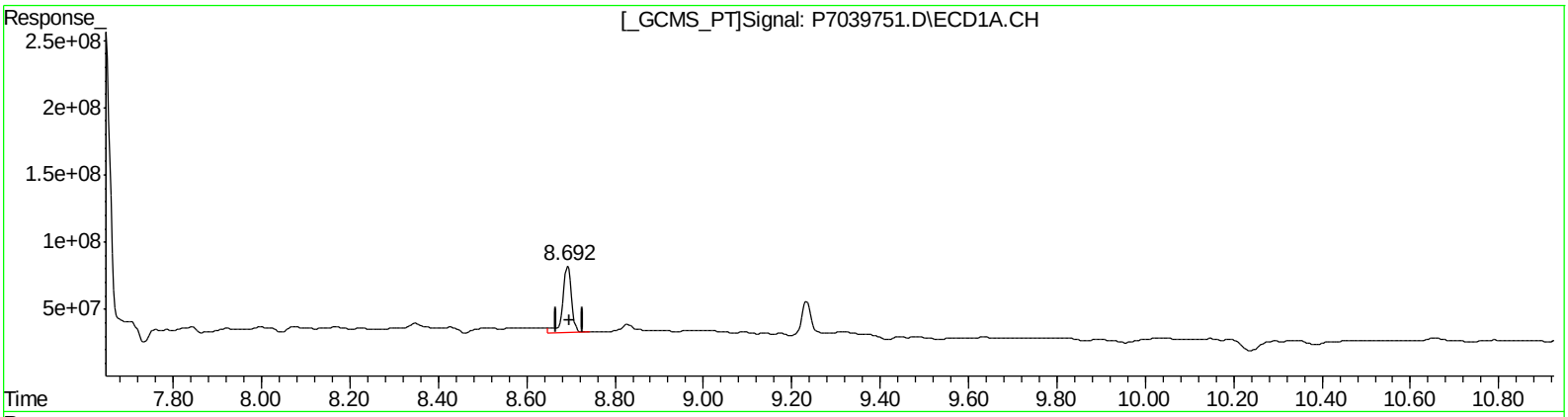


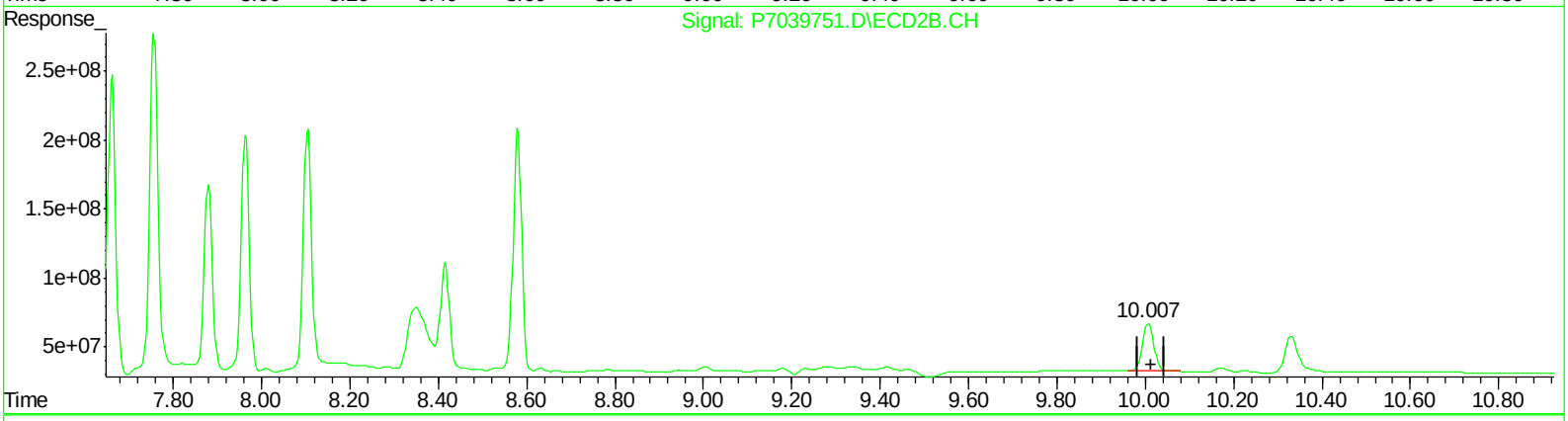
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.694min 14.097 ng/ml

response 677623582

(22) Decachlorobiphenyl #2 (SA)

10.008min 12.286 ng/ml

response 621262659

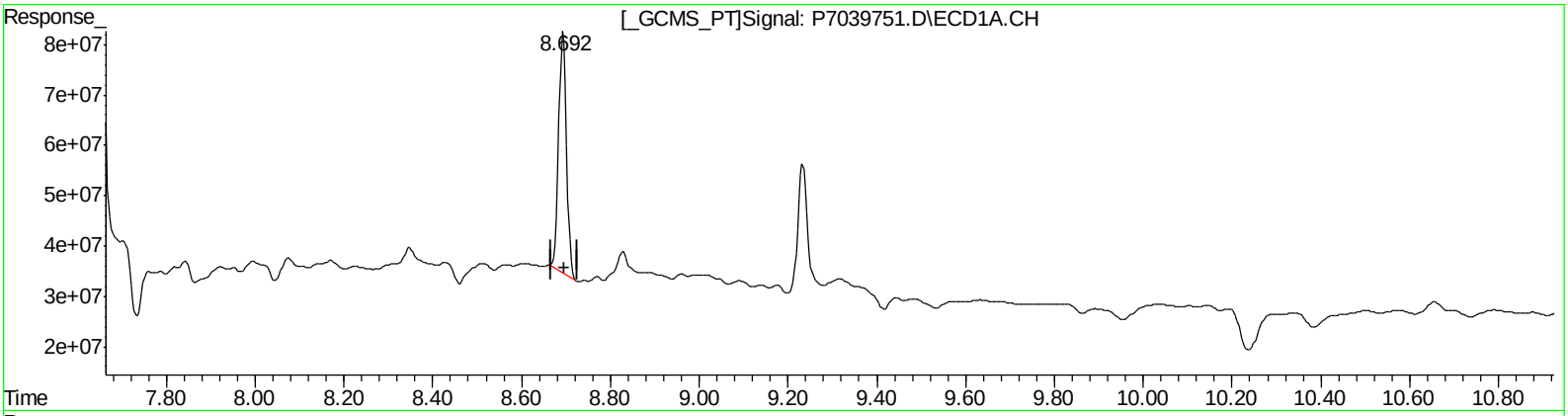
(+) = Expected Retention Time

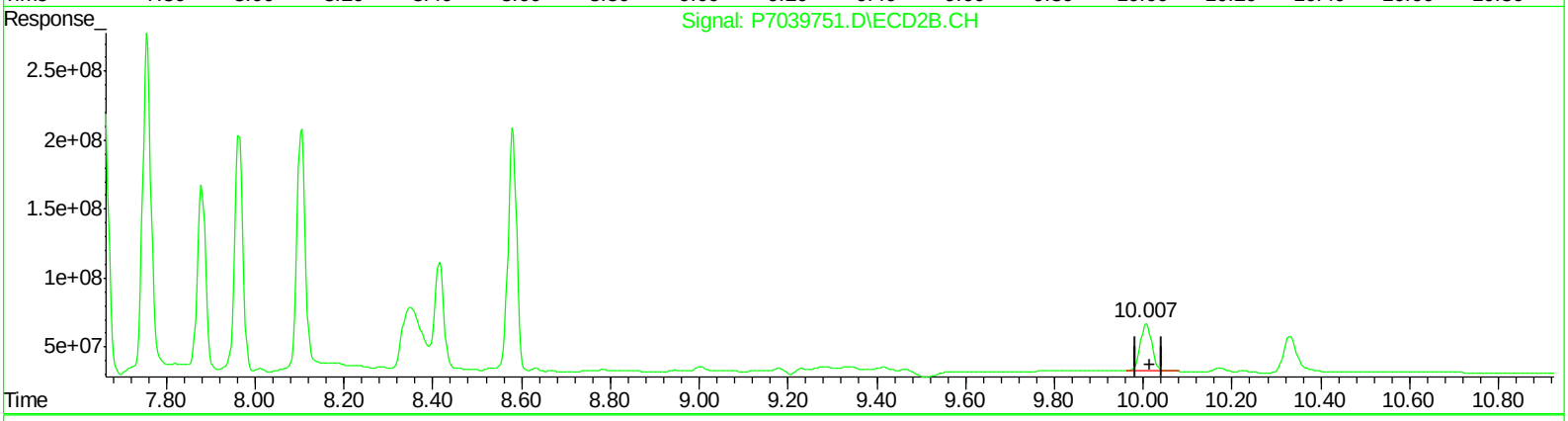
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(22) Decachlorobiphenyl (SA)

8.692min 12.254 ng/ml m

response 589006245

(22) Decachlorobiphenyl #2 (SA)

10.008min 12.286 ng/ml

response 621262659

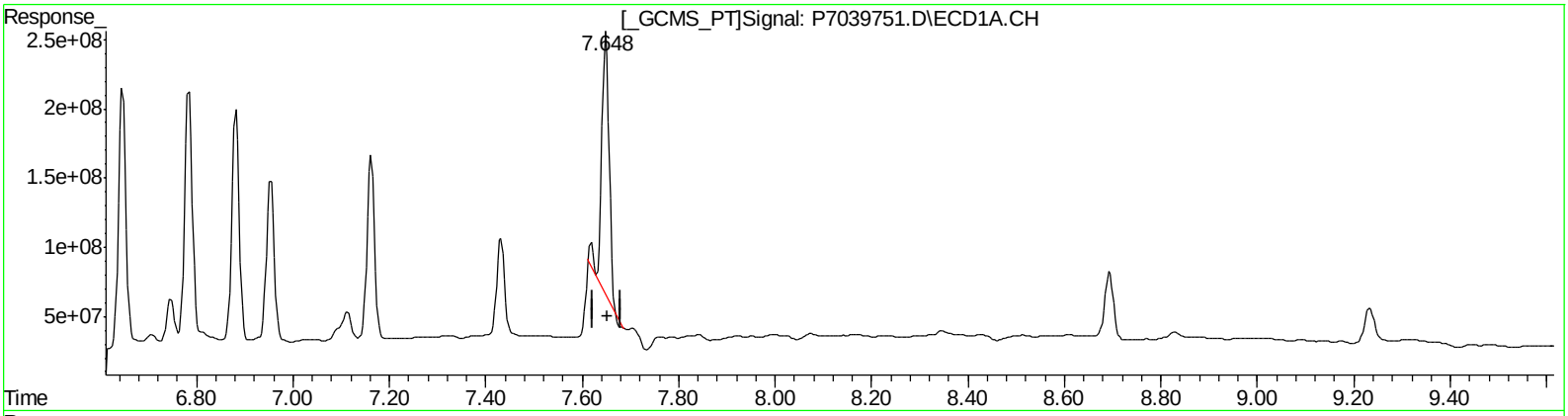
(+) = Expected Retention Time

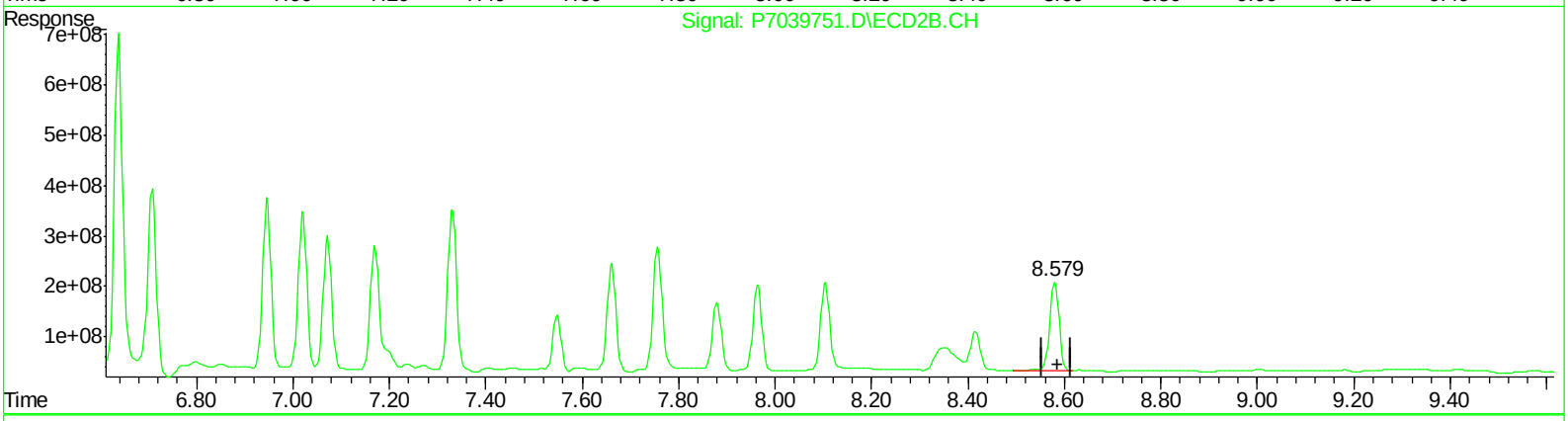
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(21) Endrin ketone (B)
7.650min 31.144 ng/ml
response 1941337217

(21) Endrin ketone #2 (B)
8.581min 39.473 ng/ml
response 2369996469

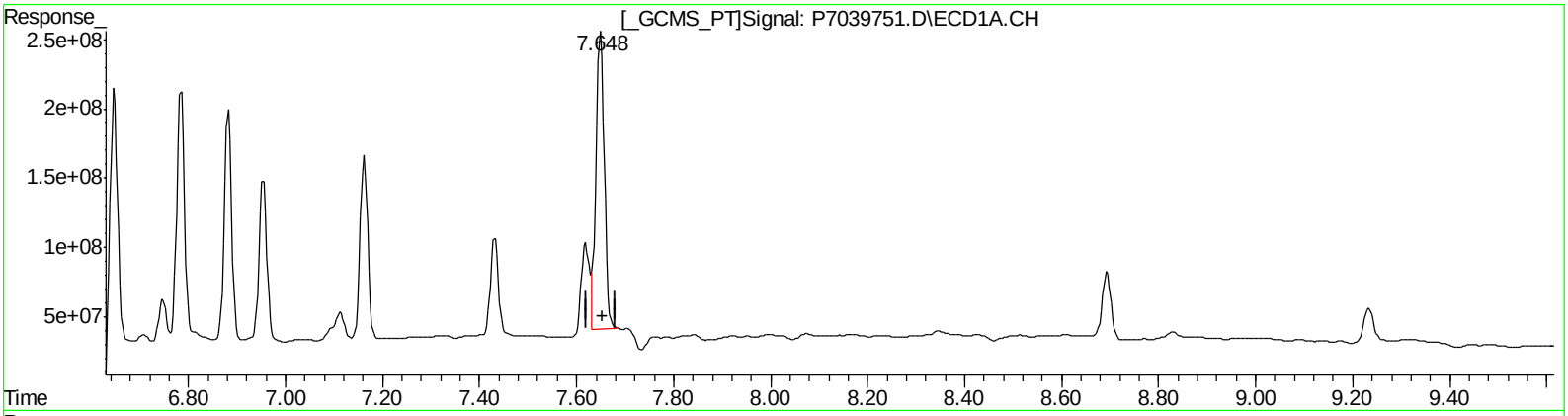
(+) = Expected Retention Time

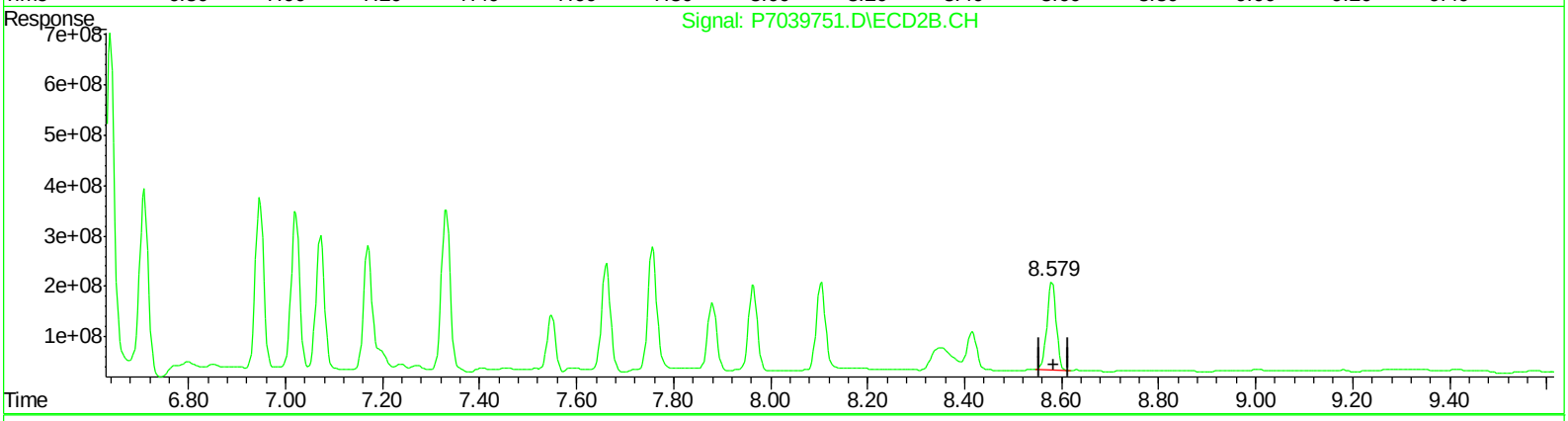
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(21) Endrin ketone (B)

7.648min 41.210 ng/ml m

response 2568793016

(21) Endrin ketone #2 (B)

8.579min 38.590 ng/ml m

response 2317016306

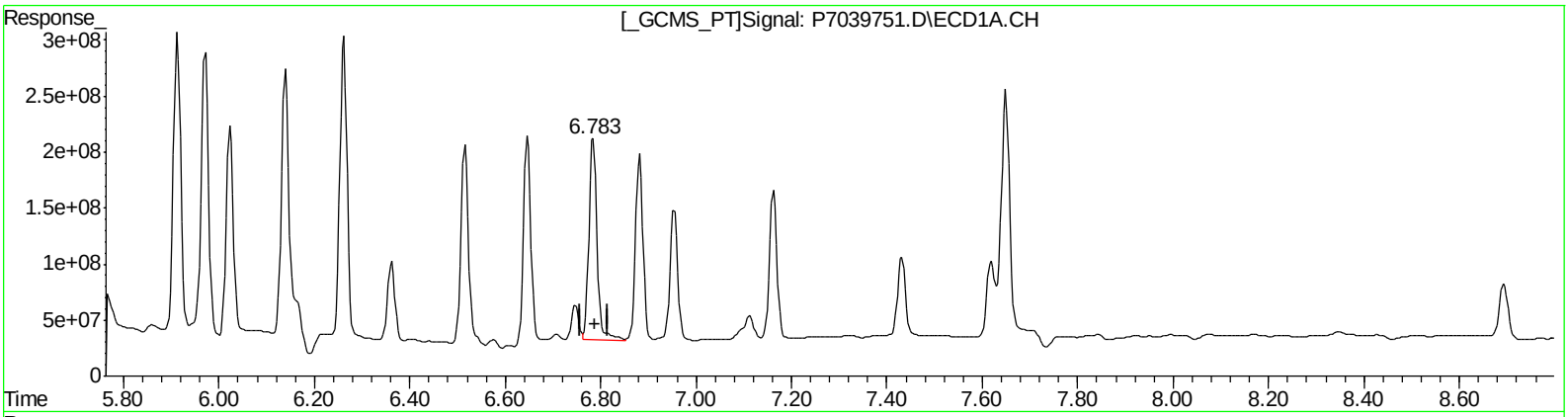
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)
6.785min 33.874 ng/ml
response 2121451544

(15) Endosulfan II #2 (B)
7.757min 42.219 ng/ml
response 3125861859

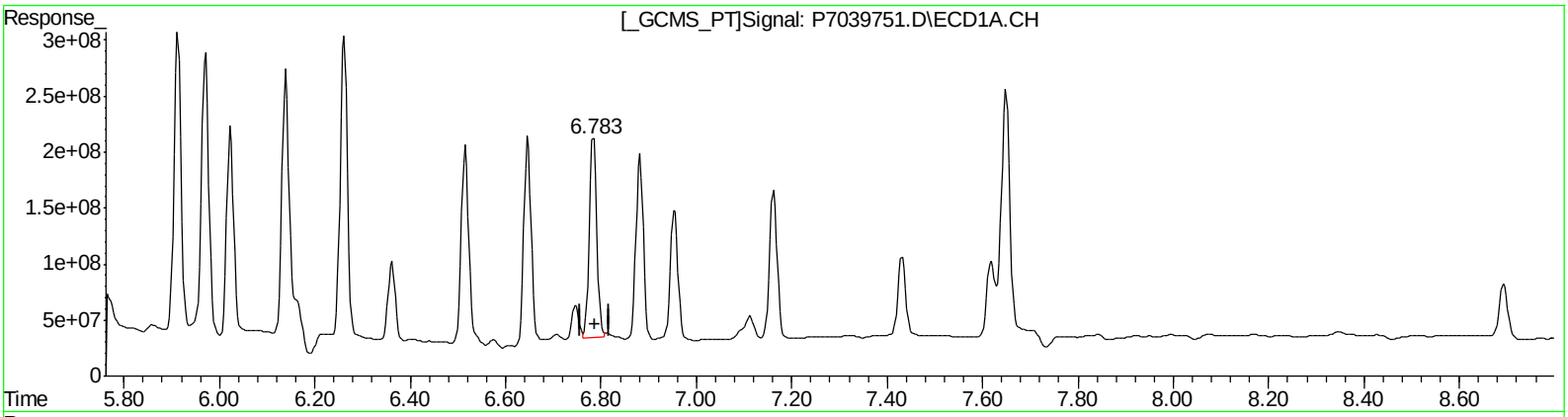
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)
6.783min 31.497 ng/ml m
response 1972587936

(15) Endosulfan II #2 (B)
7.757min 42.219 ng/ml
response 3125861859

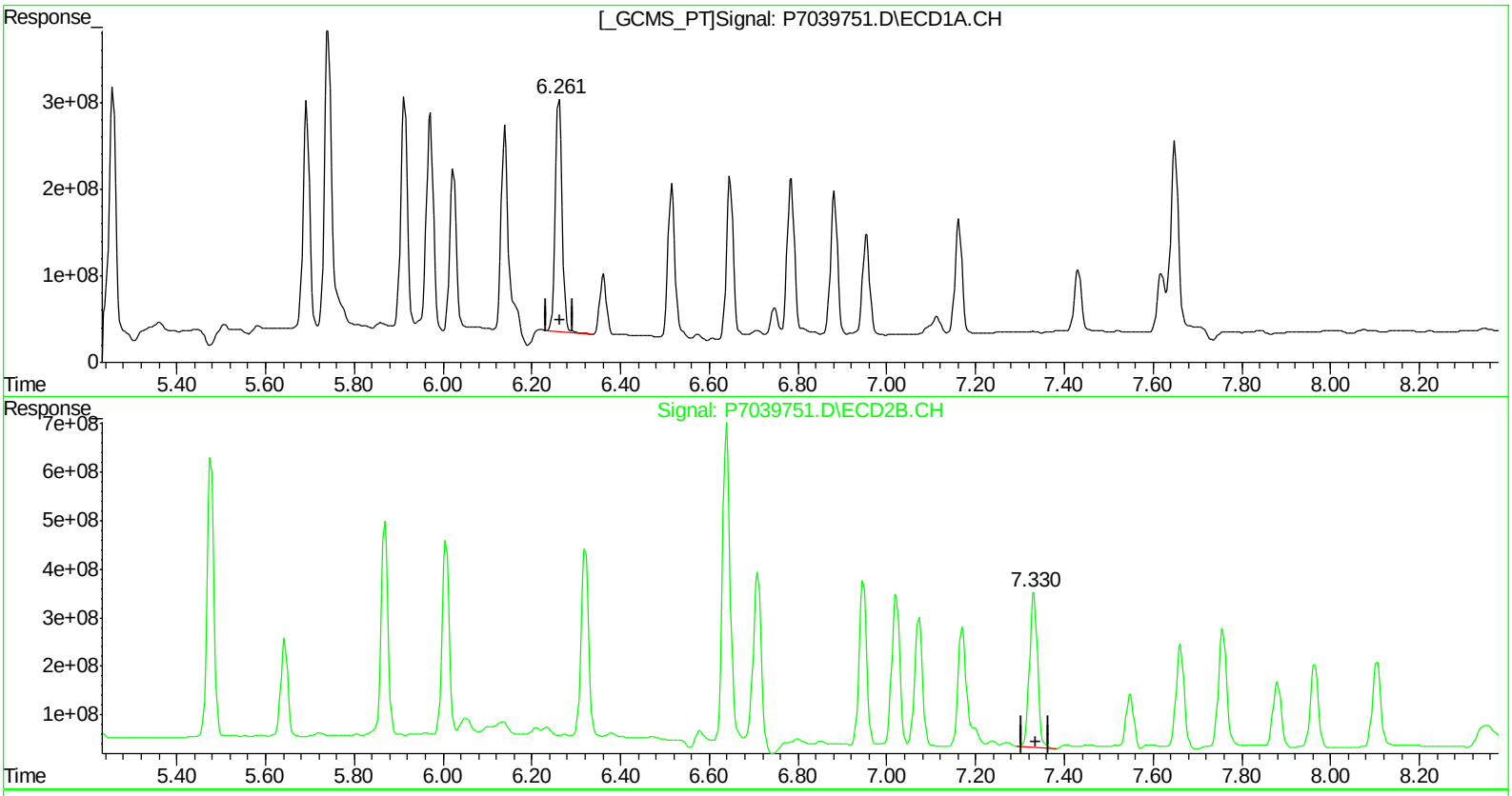
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(13) Dieldrin (MA)
6.262min 39.578 ng/ml
response 2833780936

(13) Dieldrin #2 (MA)
7.332min 44.578 ng/ml
response 4064341502

458

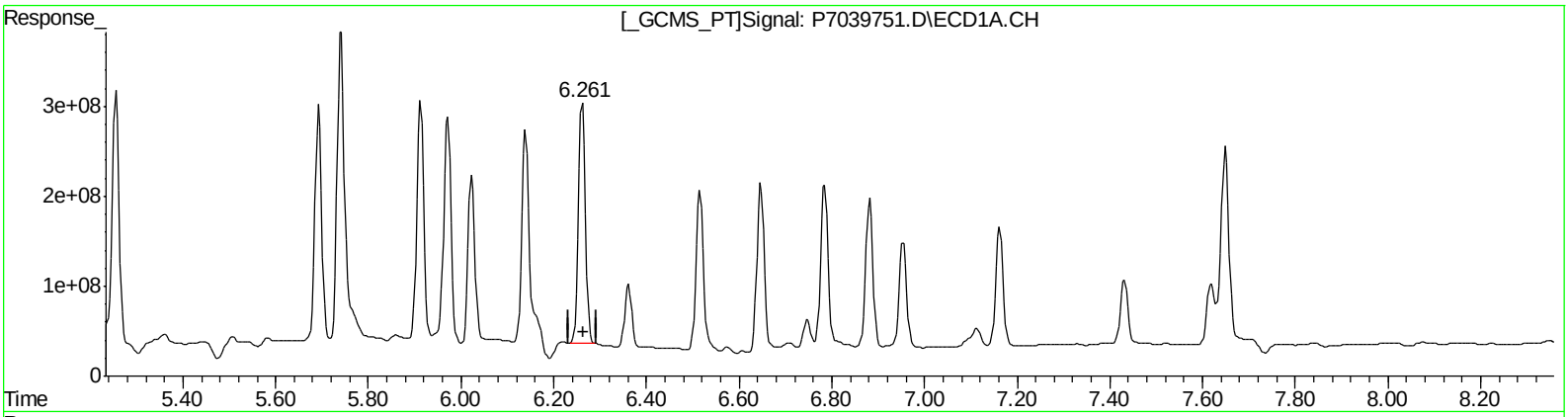
(+) = Expected Retention Time

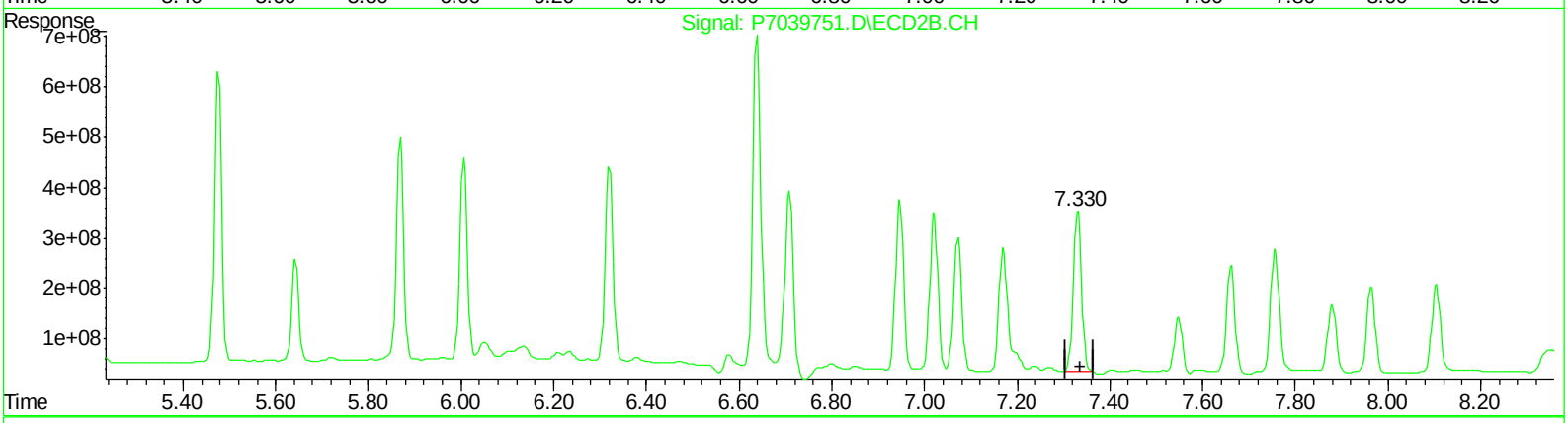
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

6.261min 38.941 ng/ml m

response 2788205052

(13) Dieldrin #2 (MA)

7.330min 43.088 ng/ml m

response 3928478130

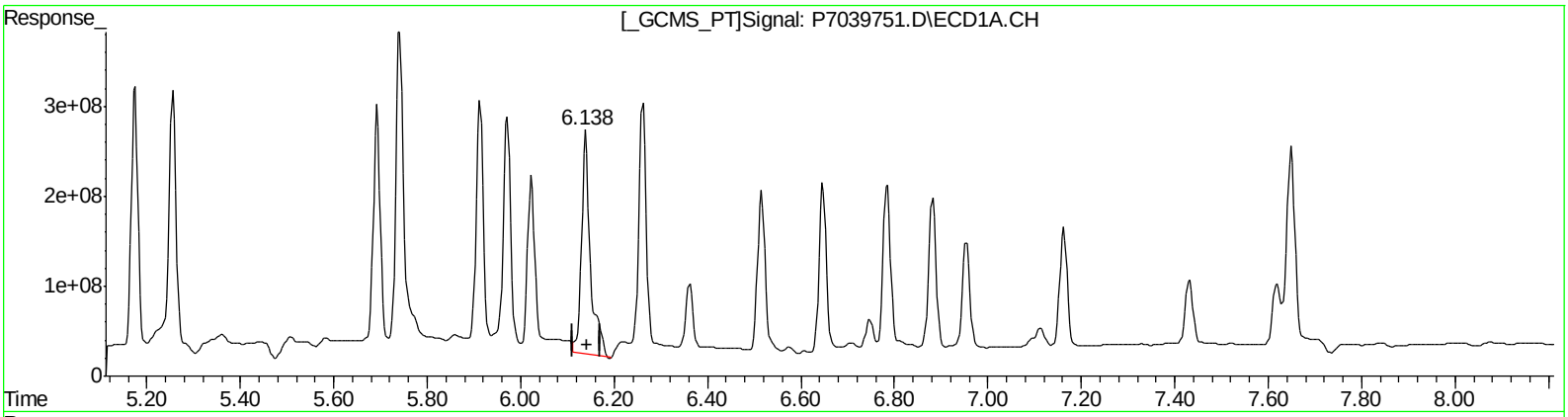
(+) = Expected Retention Time

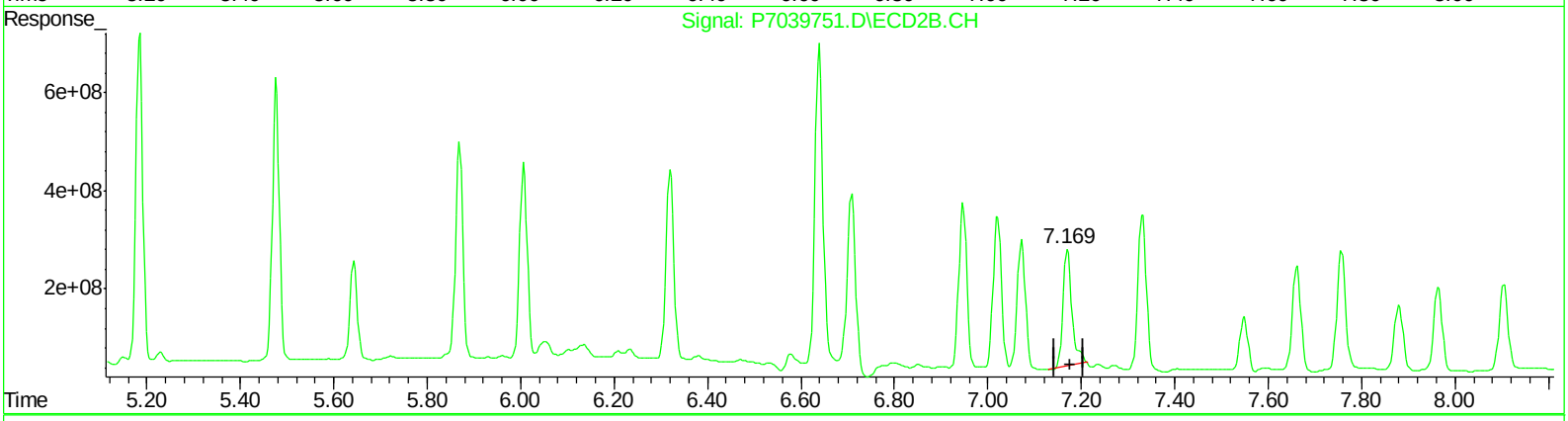
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)
6.140min 49.703 ng/ml
response 3332863890

(12) 4,4'-DDE #2 (B)
7.171min 35.041 ng/ml
response 3105678006

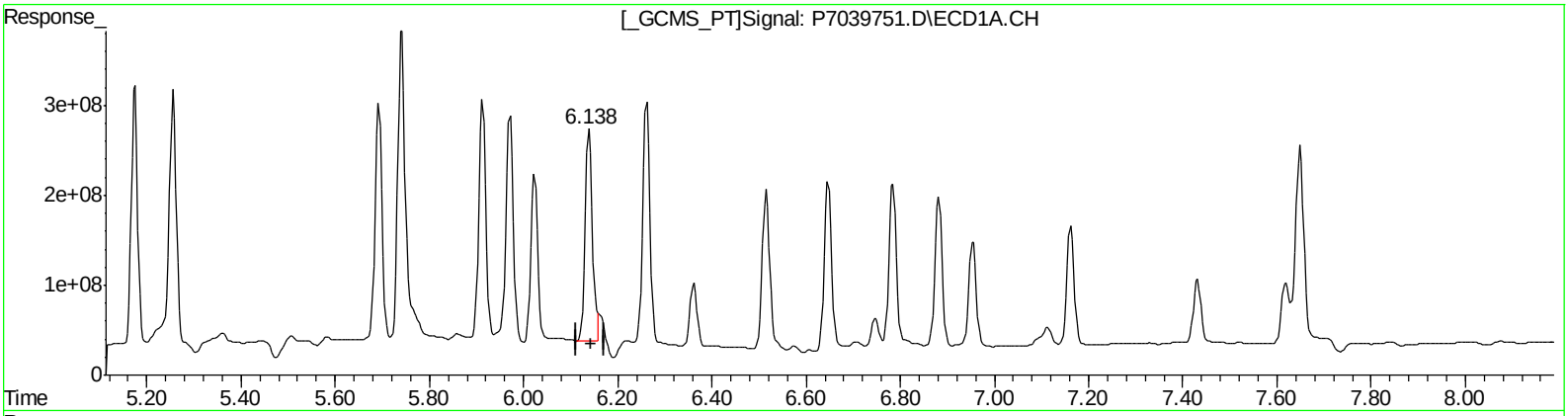
(+) = Expected Retention Time

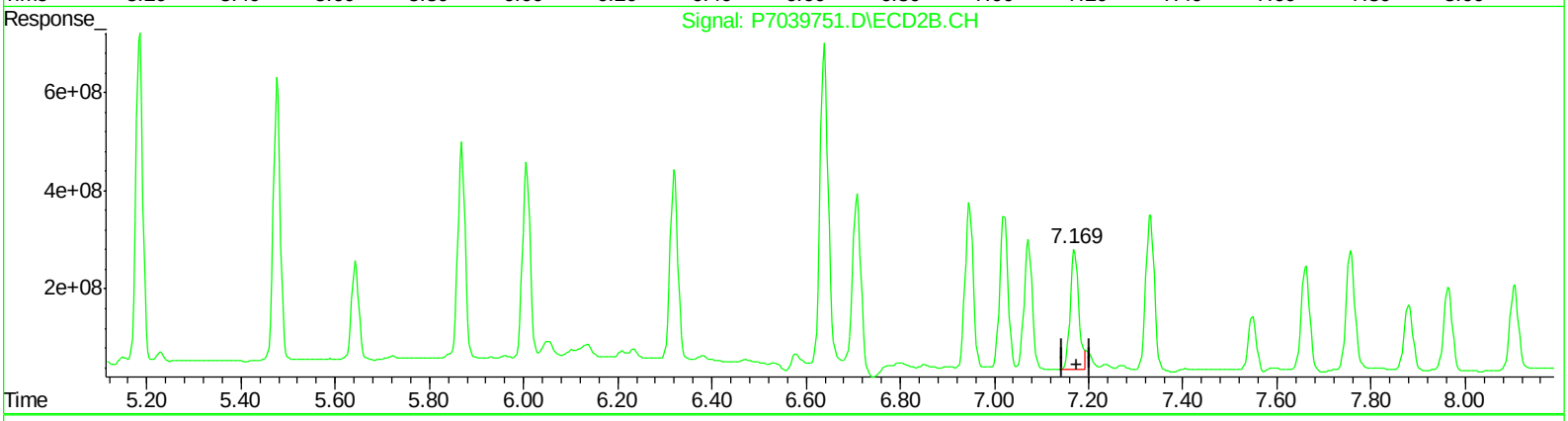
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.138min 38.444 ng/ml m

response 2577879866

(12) 4,4'-DDE #2 (B)

7.169min 34.443 ng/ml m

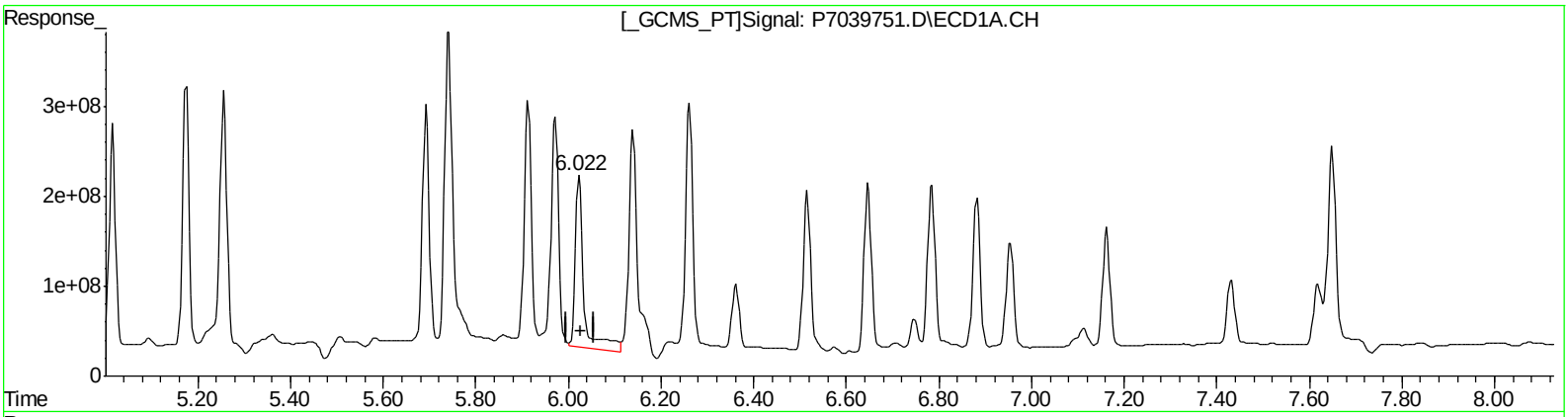
response 3052702436

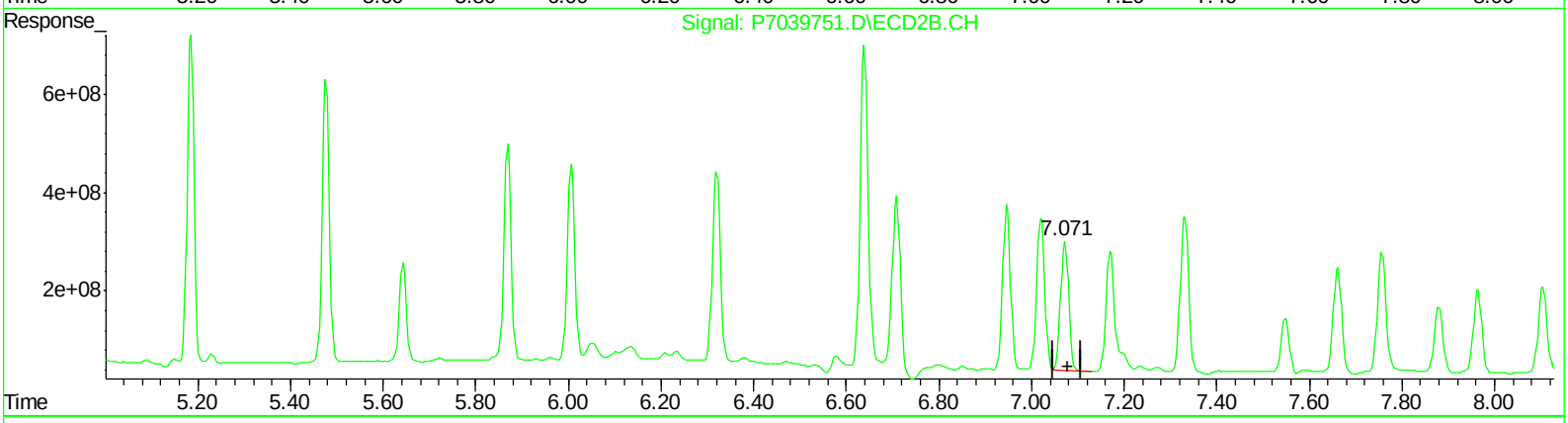
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)
6.024min 40.326 ng/ml
response 2498794948

(9) Endosulfan I #2 (A)
7.073min 37.958 ng/ml
response 3233043490

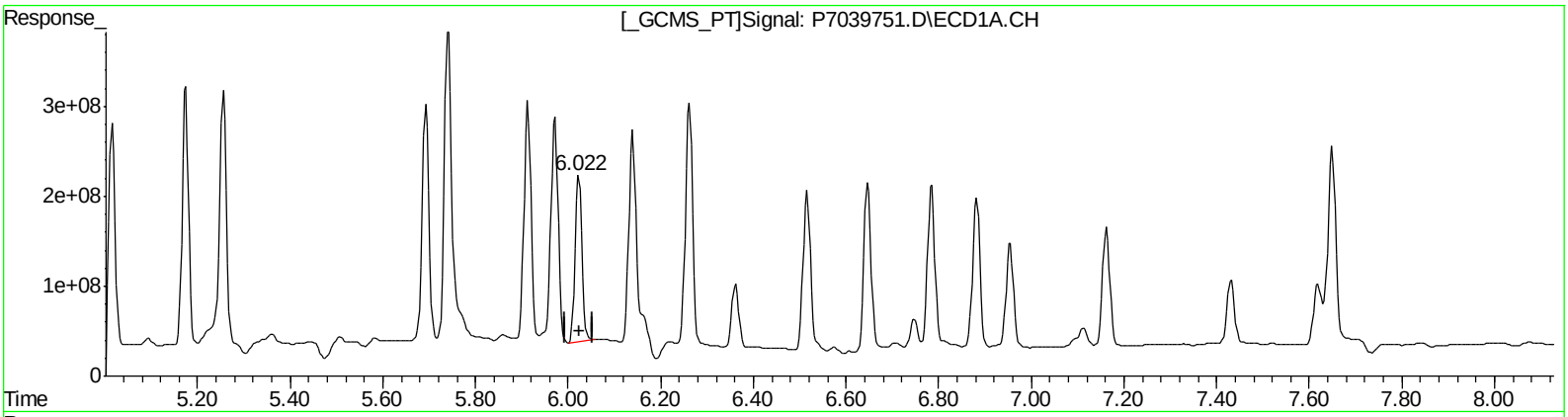
(+) = Expected Retention Time

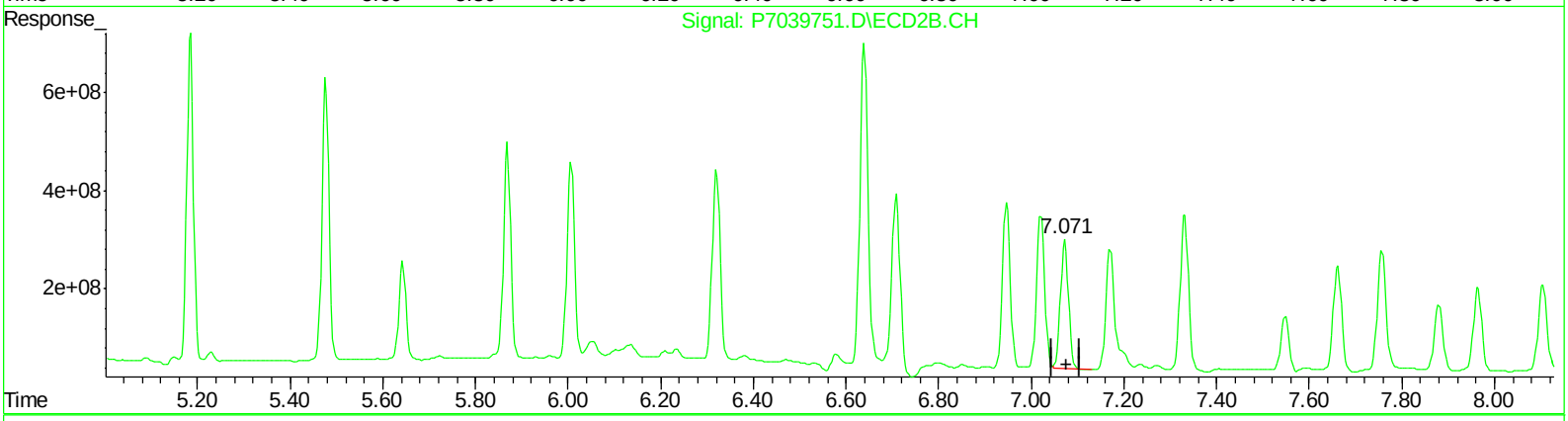
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(9) Endosulfan I (A)

6.022min 30.375 ng/ml m

response 1882232886

(9) Endosulfan I #2 (A)

7.073min 37.958 ng/ml

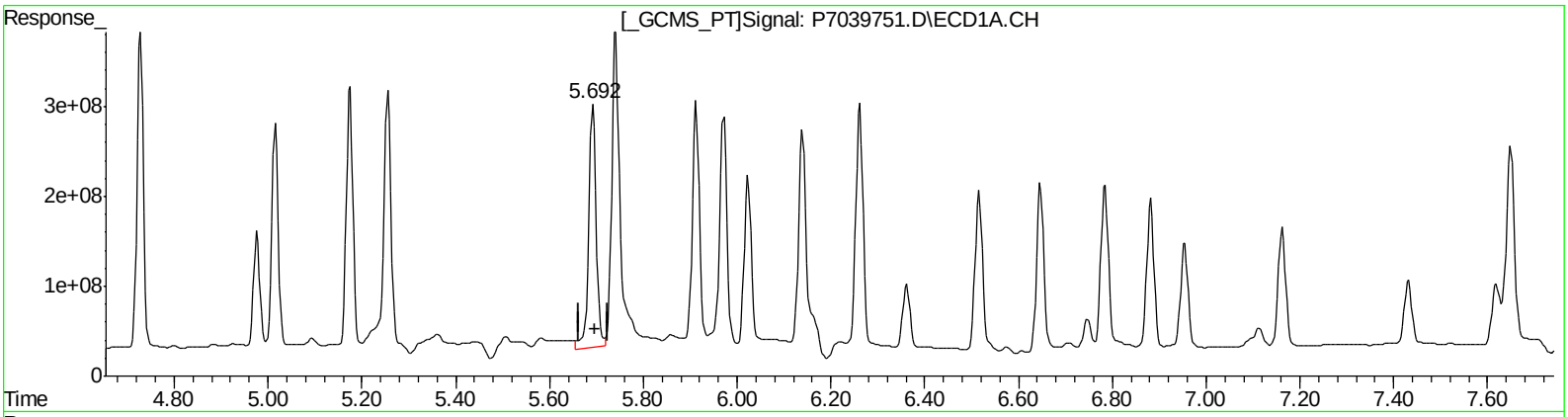
response 3233043490

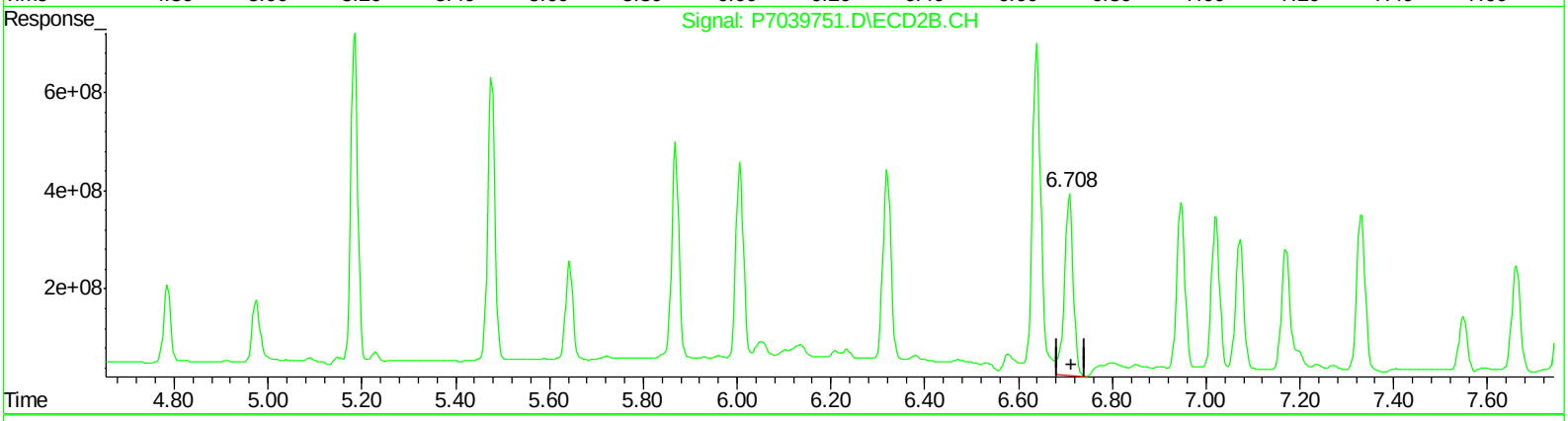
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.693min 47.122 ng/ml

response 2986850828

(8) Heptachlor epoxide #2 (B)

6.709min 53.336 ng/ml

response 4941075265

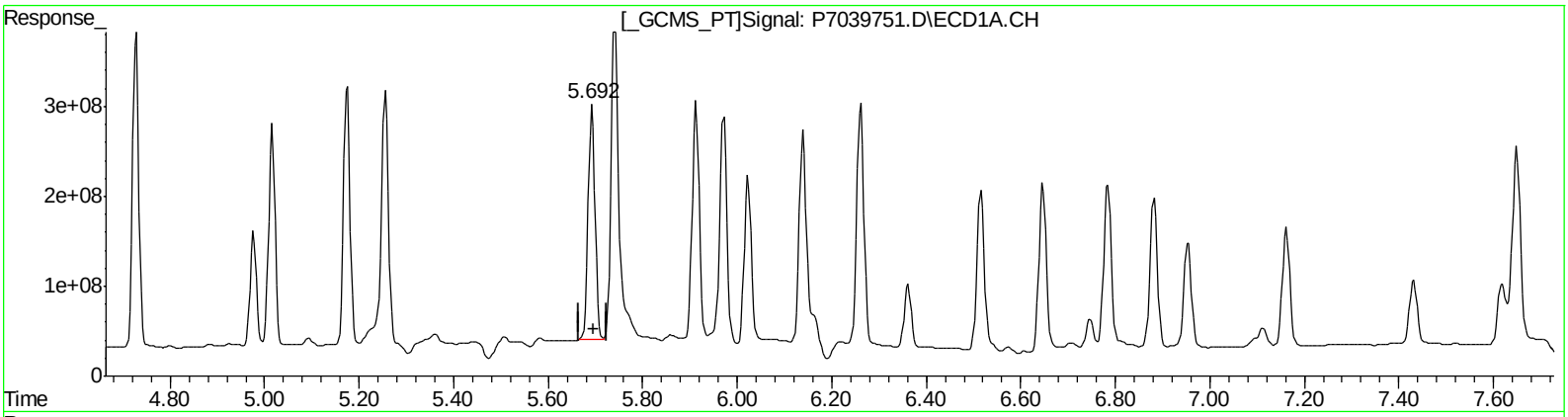
(+) = Expected Retention Time

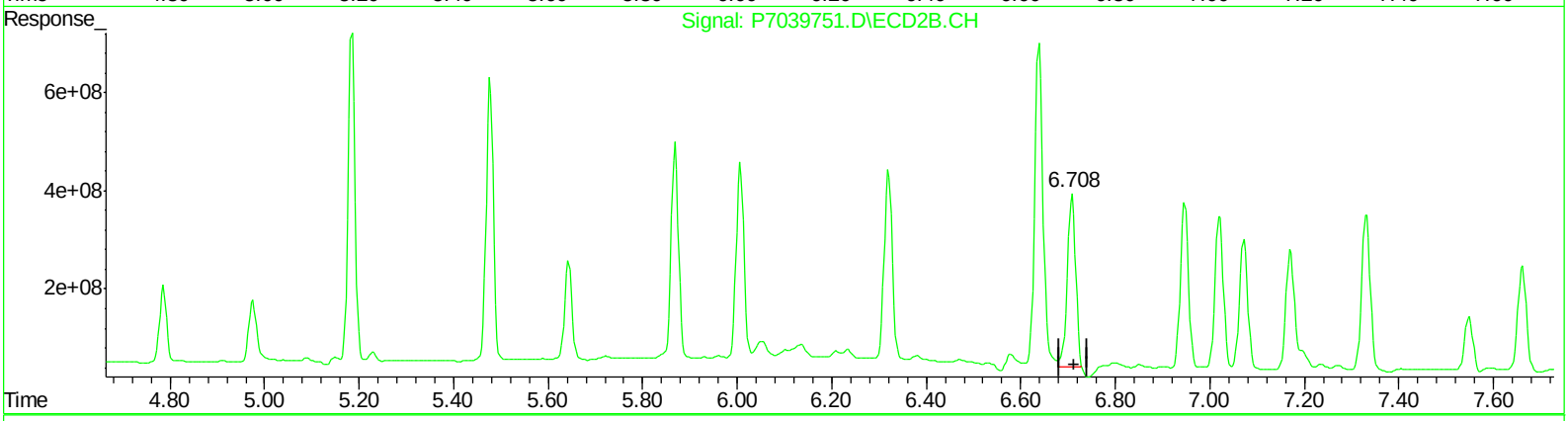
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.692min 41.772 ng/ml m

response 2647711837

(8) Heptachlor epoxide #2 (B)

6.708min 46.370 ng/ml m

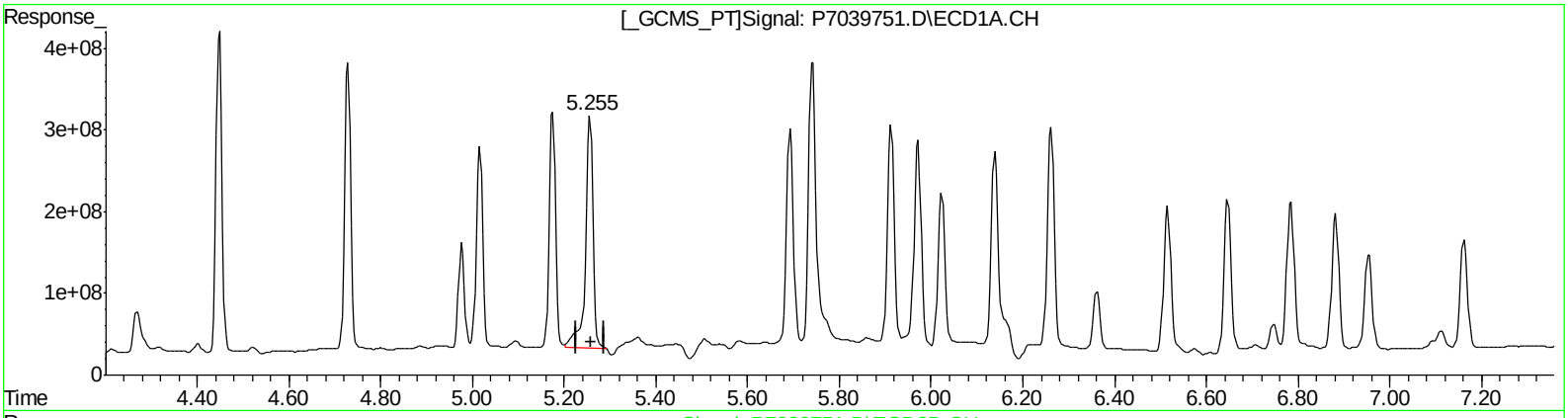
response 4295693979

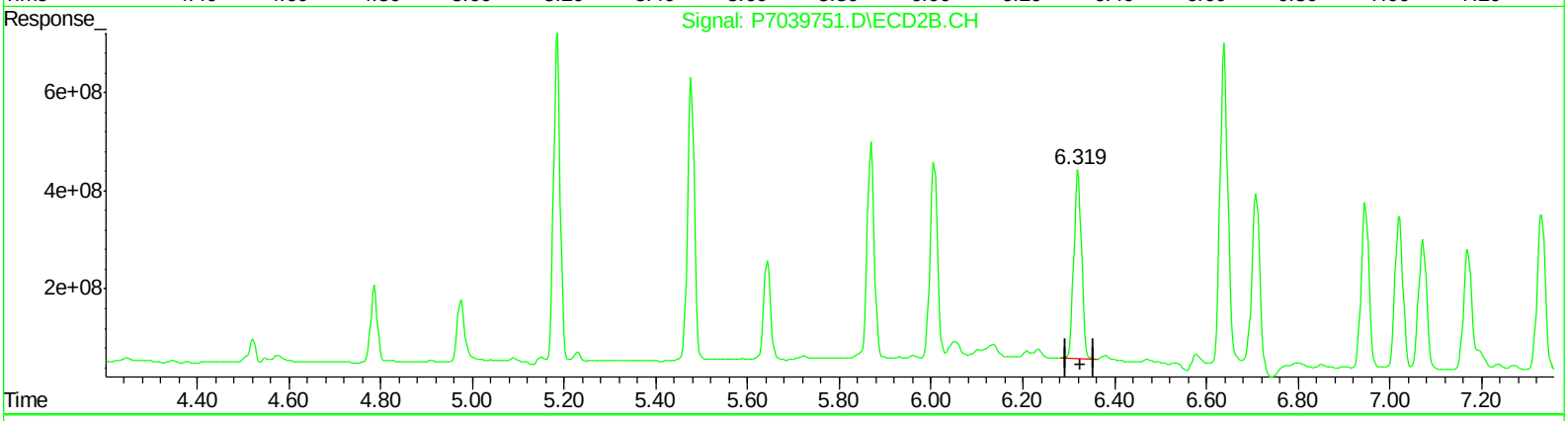
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

5.256min 47.381 ng/ml

response 3240397534

(5) Aldrin #2 (MB)

6.321min 43.450 ng/ml

response 4520176661

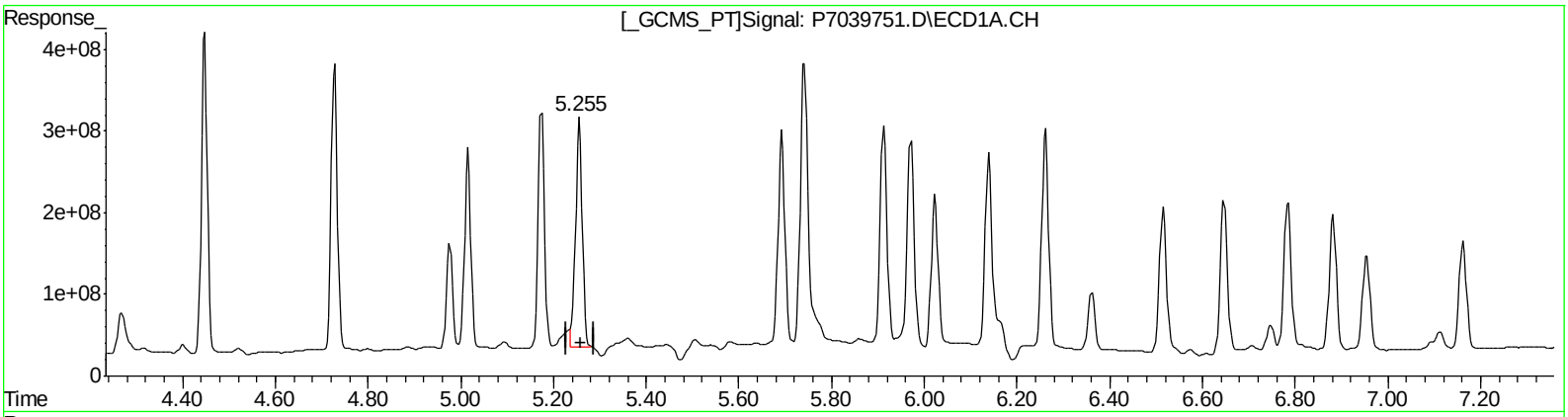
(+) = Expected Retention Time

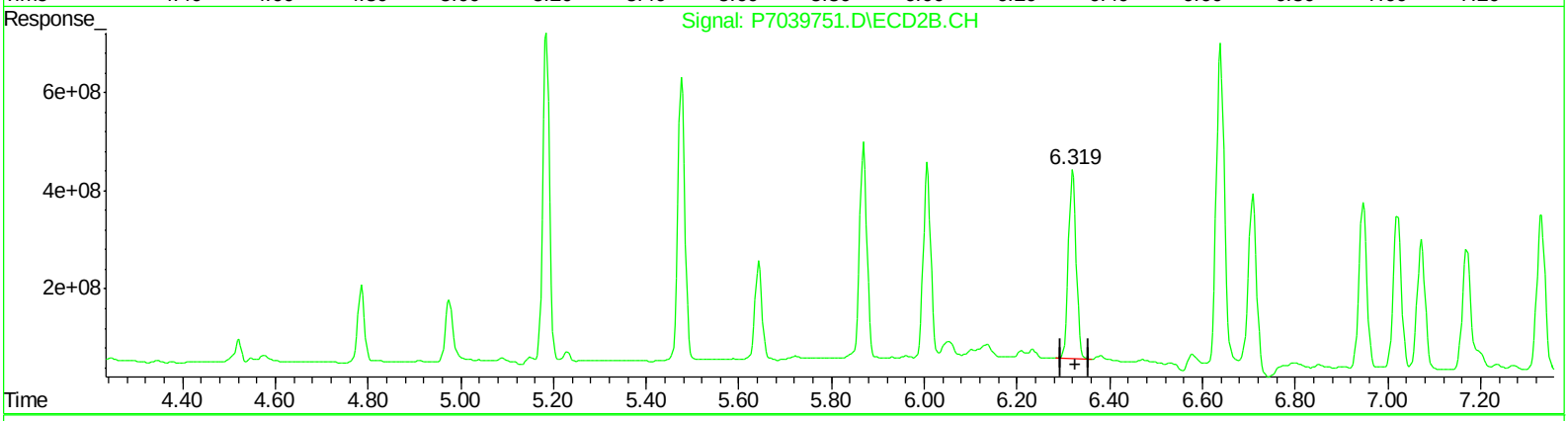
Quantitation Report (Qedit)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 11 Aug 2009 12:15
Operator : JJ
Sample   : A3816-03MSD
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:53:32 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 2 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

5.255min 42.168 ng/ml m

response 2883935958

(5) Aldrin #2 (MB)

6.321min 43.450 ng/ml

response 4520176661

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\Ecd_7\Data\P7081109\
Data File : P7039751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Aug 2009 12:15
Operator : JJ
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:56:57 2009
Quant Method : P:\HPCHEM1\Ecd_7\Method\P7071709.M
Quant Title : GC Extractables
QLast Update : Fri Jul 17 14:29:08 2009
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.008	4.786	773.0E6	1556.9E6	17.360	18.393
22)	SA Decachlor...	8.692	10.008	589.0E6	621.3E6	12.254m	12.286
	Target Compounds						
2)	A alpha-BHC	4.448	5.185	3608.4E6	6710.4E6	47.973	51.722
3)	MA gamma-BHC...	4.728	5.477	3218.0E6	6124.8E6	46.949	54.030
4)	MA Heptachlor	5.016	6.007	2306.2E6	4348.8E6	40.098	45.743
5)	MB Aldrin	5.255	6.321	2883.9E6	4520.2E6	42.168m	43.450
6)	B beta-BHC	4.977	5.643	1163.9E6	2191.7E6	44.468	50.068
7)	B delta-BHC	5.175	5.870	2766.6E6	4897.0E6	40.727	44.462
8)	B Heptachlo...	5.692	6.708	2647.7E6	4295.7E6	41.772m	46.370m
9)	A Endosulfan I	6.022	7.073	1882.2E6	3233.0E6	30.375m	37.958
10)	B gamma-Chl...	5.913	6.947	2749.4E6	3980.6E6	39.793	41.331
11)	B alpha-Chl...	5.972	7.021	2829.4E6	3832.0E6	42.187	41.693
12)	B 4,4'-DDE	6.138	7.169	2577.9E6	3052.7E6	38.444m	34.443m
13)	MA Dieldrin	6.261	7.330	2788.2E6	3928.5E6	38.941m	43.088m
14)	MA Endrin	6.516	7.549	1963.3E6	1312.3E6	34.490	19.913 #
15)	B Endosulfa...	6.783	7.757	1972.6E6	3125.9E6	31.497m	42.219 #
16)	A 4,4'-DDD	6.647	7.662	1984.5E6	2720.7E6	33.226	37.491
17)	MA 4,4'-DDT	6.883	7.965	1823.3E6	2180.3E6	36.622	42.217
18)	B Endrin al...	6.955	7.880	1346.0E6	1705.8E6	26.701	27.872
19)	B Endosulfa...	7.163	8.105	1398.6E6	2213.4E6	30.123	34.112
20)	A Methoxychlor	7.432	8.416	808.6E6	628.2E6	32.959	23.470 #
21)	B Endrin ke...	7.648	8.579	2568.8E6	2317.0E6	41.210m	38.590m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB MISCELLANEOUSDATA

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	A3816	**OrderDate:**	8/5/2009 12:32:48 PM
Client:	C.T. Male & Associates	**Project:**	Old Troy Municipal Incine
Contact:	Kirk Moline	**Location:**	H52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
A3816-01	**SBM-7**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-04	**SBM-1**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-05	**SBM-8**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-06	**FDSS080309**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-07	**SBM-2**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-08	**SBM-11**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-09	**SBM-12**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-10	**SBM-4**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/11/09	
A3816-11	**SBM-3**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	

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LAB CHRONICLE

			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-12	**SBM-5**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-13	**SBM-9**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-14	**EB080309**	**WATER**			**08/03/09**			**08/05/09**
			PCB	8082		08/05/09	08/06/09	
			Pesticide-TCL	8081		08/06/09	08/10/09	
A3816-15	**SBM-10**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-16	**SBM-6**	**SOIL**			**08/03/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-17	**SBM-6-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-18	**SBM-3-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-19	**SBM-4-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-20	**SBM-2-S-3**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-21	**SBM-9-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			PCB	8082		08/06/09	08/07/09	
			Pesticide-TCL	8081		08/06/09	08/12/09	
A3816-22	**SBM-1-S-2**	**SOIL**			**08/04/09**			**08/05/09**

LAB CHRONICLE

PCB	8082	08/06/09	08/07/09
Pesticide-TCL	8081	08/06/09	08/12/09

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: A3816 MATRIX: Water/soil

METHOD: 8081/3510/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The RPD recoveries met criteria except for Endosulfan I, 4,4'-DDD, Endosulfan Sulfate, Methoxychlor and Endrin aldehyde. The Blank Spike met requirements for all samples except for Dieldrin.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

The Calibration File ID ccal01 met the requirements except for Endosulfan Sulfate in first column.

The Calibration File ID ccal02 met the requirements except for Heptachlor, Endosulfan Sulfate and Endrin ketone in first column.

The Calibration File ID ccal02 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor in second column

The Calibration File ID ccal03 ,ccal04 met the requirements except for 4,4'-DDT. in second column

The Calibration File ID ccal05 met the requirements except for Heptachlor in first column.

The Calibration File ID ccal06 met the requirements except for beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, 4,4'-DDD, Endosulfan Sulfate and Endrin ketone in first column.
The Calibration File ID ccal06 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor. in second column but the samples have no hit for these compounds.

_____
QA REVIEW

CHEMTECH **EXTRACTION LOGPAGE**

SOP#: M 3510

Matrix : Water

Clean Up Method: N/A.

Review By:

Batch# PB43888

Extraction Date : 8/6/2009 12:00:00 AM

Extracted By : HG

Method of Extraction

☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	500 Ppb	GCP9274
Surrogate	1.0ML	200 Ppb	GCP9338

Chemical Used	Lot Number
Methylene Chloride	ER1593
Sodium Sulfate	ER1567
Hexane	ER1590

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 60.2 C

Received Date: 8/7/09

Delivered Date: 08/07/09

Envap Temperature: 40 C

Received By:

Delivered By: RP

Analysis Group: HP, QM

Extraction Group: BP, DM, DP, MA, MBS, MGS, MM, RP

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43888**

Method: 8081 Pest Water **Supervisor Review:** _____ **Date:** 9/10/09

Initials: MGS **Concentration Date:** 8/6/09

Extraction Date: 8/6/2009 12:00:00 AM **Initials:** MGS

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
A3816-14	EB080309	Pesticide-TCL	940	5	MGS	10	
PB43888BL	PB43888BL	Pesticide-TCL	1000	5			n
PB43888BS	PB43888BS	Pesticide-TCL	1000	5			8/7/09
PB43888BSD	PB43888BSD	Pesticide-TCL	1000	5			

* Extracts relinquished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43888**

Method:_____ **Supervisor Review:**_____ **Date:**____/____/____

Initials:_____ **Concentration Date:**____/____/____

Extraction Date: 8/6/2009 12:00:00 AM **Initials:**_____

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
A3816-14	EB080309	Pesticide-TCL	940	5	Max	10	
pb43888BL	PB43888BL	Pesticide-TCL	1000	5	Max	10	
pb43888BS	PB43888BS	Pesticide-TCL	1000	5	Max	10	
pb43888BSD	PB43888BSD	Pesticide-TCL	1000	5	Max	10	

* **Extracts relinquished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.**

CHEMTECH **EXTRACTION LOGPAGE**

SOP ID: M 3541 **Batch#** PB43893

Matrix : Solid **Extraction Date :** 08/06/2009

Clean Up SOP #: N/A, **Review By :**

Weigh By: RP **Extraction By:** RP **Filter By:** RP **Concentration By:** MM

Balance check: RP **Weight 1:** (20.00g) 20.00g **Weight 2:** (20.00g 20.01 gm.

Method of Extraction

☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	0.5ML	500ppb	GCP9123
Surrogate	0.5ML	200 ppb	GCP9338

Chemical Used	Lot Number
Hexane	ER1590
Acetone	ER1589
Sodium Sulfate	ER1567

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 60.2° C **Envap Temperature:** 40° C

Received Date: 8/7/09 **Received By:** RP

Delivered Date: 08/07/09 **Delivered By:** MM

Analysis Group: QM, HP

Extraction Group: DP, BP, MBS, (MM) RP, DM, MA, MGS

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43893**

Analytical Method: 8081/3011 **Extraction Date:** 08/06/2009 **Concentration Date:** 08/07/09

Lab Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
				NA	Added By	Verified By		
PB43893BL	PB43893BL	Pesticide-TCL	15.01		RD	[illegible]	5	
PB43893BS	PB43893BS	Pesticide-TCL	15.03				5	
A3816-01	SBM-7	Pesticide-TCL	30.08				10	P/PExt
A3816-02	A3816-01MS	Pesticide-TCL	15.06				5	
A3816-03	A3816-01MSD	Pesticide-TCL	15.09				5	
A3816-04	SBM-1	Pesticide-TCL	30.11				10	P/PExt
A3816-05	SBM-8	Pesticide-TCL	30.05				10	
A3816-06	FDSS080309	Pesticide-TCL	30.08				10	
A3816-07	SBM-2	Pesticide-TCL	30.04				10	
A3816-08	SBM-11	Pesticide-TCL	30.06				10	
A3816-09	SBM-12	Pesticide-TCL	30.08				10	
A3816-10	SBM-4	Pesticide-TCL	30.05				10	
A3816-11	SBM-3	Pesticide-TCL	30.06				10	
A3816-12	SBM-5	Pesticide-TCL	30.08				10	
A3816-13	SBM-9	Pesticide-TCL	30.04				10	
A3816-15	SBM-10	Pesticide-TCL	30.06				10	
A3816-16	SBM-6	Pesticide-TCL	30.08				10	
A3816-17	SBM-6-S-2	Pesticide-TCL	30.05				10	
A3816-18	SBM-3-S-1	Pesticide-TCL	30.06				10	
A3816-19	SBM-4-S-1	Pesticide-TCL	30.05				10	
A3816-20	SBM-2-S-3	Pesticide-TCL	30.08				10	

8/7/09 RD

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43893**

Analytical Method: 8081 / SOIL **Extraction Date:** 08/06/2009 **Concentration Date:** 08/07/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
				NA	Added By	Verified By		
A3816-21	SBM-9-S-1	Pesticide-TCL	30.08	1	RA	JR	10	PIPEX
A3816-22	SBM-1-S-2	Pesticide-TCL	30.05	1	↓	↓	10	↓

8/7/09

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43893**

Analytical Method: 8081A/4A ✓ **Extraction Date:** 08/06/2009 **Concentration Date:** 8/7/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
PB43893BL	PB43893BL	Pesticide-TCL	15.01	N/A	RajeshParikh	Bhupendra Patel	5	
PB43893BS	PB43893BS	Pesticide-TCL	15.03	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-01	SBM-7	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-02	A3816-01MS	Pesticide-TCL	15.06	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-03	A3816-01MSD	Pesticide-TCL	15.09	N/A	RajeshParikh	Bhupendra Patel	5	
A3816-04	SBM-1	Pesticide-TCL	30.11	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-05	SBM-8	Pesticide-TCL	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-06	FDSS080309	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-07	SBM-2	Pesticide-TCL	30.04	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-08	SBM-11	Pesticide-TCL	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-09	SBM-12	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-10	SBM-4	Pesticide-TCL	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-11	SBM-3	Pesticide-TCL	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-12	SBM-5	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-13	SBM-9	Pesticide-TCL	30.04	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-15	SBM-10	Pesticide-TCL	30.06	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-16	SBM-6	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-17	SBM-6-S-2	Pesticide-TCL	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-18	SBM-3-S-1	Pesticide-TCL	30.06	N/A	RajeshParikh	Bhupendra Patel	10	

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43893**

Analytical Method: 8081/504 **Extraction Date:** 08/06/2009 **Concentration Date:** 8/7/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
A3816-19	SBM-4-S-1	Pesticide-TCL	30.05	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-20	SBM-2-S-3	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-21	SBM-9-S-1	Pesticide-TCL	30.08	N/A	RajeshParikh	Bhupendra Patel	10	
A3816-22	SBM-1-S-2	Pesticide-TCL	30.05	N/A	RajeshParikh	Bhupendra Patel	10	

* **Extracts relinquished on the same date as received.**

CHEMTECH

Manual Integration Report

Sequence	P7071709	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
100 PPB PEST STD	P7038824.D	gamma-BHC (Lindane) #2	jung	7/20/2009 11:04:25 AM	CAL	7/20/2009 7:23:03 PM	Peak Integrated by Software incorrectly
100 PPB PEST STD	P7038824.D	alpha-BHC #2	jung	7/20/2009 11:04:25 AM	CAL	7/20/2009 7:23:03 PM	Peak Integrated by Software incorrectly
A3533-01	P7038835.D	Tetrachloro-m-xylene	CAL	7/17/2009 4:18:20 PM	jung	7/20/2009 11:04:15 AM	Peak Integrated by Software incorrectly
A3532-01	P7038836.D	Tetrachloro-m-xylene #2	MITESH	7/18/2009 10:44:30 AM	jung	7/20/2009 11:04:20 AM	Peak Integrated by Software incorrectly
A3532-01	P7038836.D	Decachlorobiphenyl	MITESH	7/18/2009 10:44:30 AM	jung	7/20/2009 11:04:20 AM	Peak Integrated by Software incorrectly
A3532-01	P7038836.D	Decachlorobiphenyl #2	MITESH	7/18/2009 10:44:30 AM	jung	7/20/2009 11:04:20 AM	Peak Integrated by Software incorrectly
A3528-07	P7038842.D	Tetrachloro-m-xylene	MITESH	7/18/2009 10:44:32 AM	jung	7/20/2009 11:04:40 AM	Peak Integrated by Software incorrectly
A3528-07	P7038842.D	Tetrachloro-m-xylene #2	MITESH	7/18/2009 10:44:32 AM	jung	7/20/2009 11:04:40 AM	Peak Integrated by Software incorrectly
A3554-01	P7038843.D	Decachlorobiphenyl #2	MITESH	7/18/2009 10:44:35 AM	jung	7/20/2009 11:04:50 AM	Peak Integrated by Software incorrectly
I.BLK	P7038844.D	Tetrachloro-m-xylene	MITESH	7/18/2009 10:44:37 AM	jung	7/20/2009 11:04:59 AM	Peak Integrated by Software incorrectly
I.BLK	P7038844.D	Decachlorobiphenyl #2	MITESH	7/18/2009 10:44:37 AM	jung	7/20/2009 11:04:59 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7071709	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50	P7038845.D	Endrin #2	MITESH	7/18/2009 10:44:40 AM	jung	7/20/2009 11:04:55 AM	Peak Integrated by Software incorrectly

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P7071709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	7/22/2009 12:00:00 AM
Tune/Reschk	GCS1530	Initial Calibration Stds	GCP9123,9245-50
CCC	GCP9246	SubDirectory	P7071709
Internal Standard/PEM	GCS1613	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9251-53/GCP9146	HP Processing Method	P7071709,7TX071709,7CH071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	P7038821.D	17 Jul 2009 12:23	JJ	Ok
2	PEM	P7038822.D	17 Jul 2009 12:37	JJ	Ok
3	RESCHK	P7038823.D	17 Jul 2009 12:52	JJ	Ok
4	100 PPB PEST STD	P7038824.D	17 Jul 2009 13:06	JJ	Ok,M
5	75 PPB PEST STD	P7038825.D	17 Jul 2009 13:20	JJ	Ok
6	50 PPB PEST STD	P7038826.D	17 Jul 2009 13:34	JJ	Ok
7	25 PPB PEST STD	P7038827.D	17 Jul 2009 13:48	JJ	Ok
8	5 PPB PEST STD	P7038828.D	17 Jul 2009 14:02	JJ	Ok
9	STD 50 ICV	P7038829.D	17 Jul 2009 14:17	JJ	Ok
10	TOX 500	P7038830.D	17 Jul 2009 14:37	JJ	Ok
11	CHLOR 500	P7038831.D	17 Jul 2009 14:51	JJ	Ok
12	TOX 500 ICV	P7038832.D	17 Jul 2009 15:05	JJ	Ok
13	CHLOR 500 ICV	P7038833.D	17 Jul 2009 15:19	JJ	Ok
14	I.BLK	P7038834.D	17 Jul 2009 15:33	JJ	Not Ok
15	A3533-01	P7038835.D	17 Jul 2009 15:48	JJ	Ok,M
16	A3532-01	P7038836.D	17 Jul 2009 16:02	JJ	Ok,M
17	HEXANE	P7038837.D	17 Jul 2009 17:05	JJ	Ok

18	I.BLK	P7038838.D	17 Jul 2009 17:19	JJ	Ok
19	STD 50	P7038839.D	17 Jul 2009 17:33	JJ	Ok
20	GPC BLK	P7038840.D	17 Jul 2009 17:48	JJ	Not Ok
21	GPC BS	P7038841.D	17 Jul 2009 18:02	JJ	Not Ok

CHEMTECH

Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7071709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	7/22/2009 12:00:00 AM
Tune/Reschk	GCS1530	Initial Calibration Stds	GCP9123,9245-50
CCC	GCP9246	SubDirectory	P7071709
Internal Standard/PEM	GCS1613	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9251-53/GCP9146	HP Processing Method	P7071709,7TX071709,7CH071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3528-07	P7038842.D	17 Jul 2009 18:16	JJ	Not Ok
23	A3554-01	P7038843.D	17 Jul 2009 18:30	JJ	Not Ok
24	I.BLK	P7038844.D	17 Jul 2009 18:44	JJ	Not Ok
25	STD 50	P7038845.D	17 Jul 2009 18:58	JJ	Not Ok

CHEMTECH

Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7071709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	7/22/2009 12:00:00 AM
Tune/Reschk	GCS1530	Initial Calibration Stds	GCP9123,9245-50
CCC	GCP9246	SubDirectory	P7071709
Internal Standard/PEM	GCS1613	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9251-53/GCP9146	HP Processing Method	P7071709,7TX071709,7CH071709

Sr#	SampleId	Data File Name	Comment	Status
1	I.BLK	P7038821.D		Ok
2	PEM	P7038822.D		Ok
3	RESCHK	P7038823.D		Ok
4	100 PPB PEST STD	P7038824.D		Ok,M
5	75 PPB PEST STD	P7038825.D		Ok
6	50 PPB PEST STD	P7038826.D		Ok
7	25 PPB PEST STD	P7038827.D		Ok
8	5 PPB PEST STD	P7038828.D		Ok
9	STD 50 ICV	P7038829.D		Ok
10	TOX 500	P7038830.D		Ok
11	CHLOR 500	P7038831.D		Ok
12	TOX 500 ICV	P7038832.D		Ok
13	CHLOR 500 ICV	P7038833.D		Ok
14	I.BLK	P7038834.D	do not use.	Not Ok
15	A3533-01	P7038835.D		Ok,M
16	A3532-01	P7038836.D		Ok,M
17	HEXANE	P7038837.D		Ok
18	I.BLK	P7038838.D		Ok
19	STD 50	P7038839.D	Compound #15 high in second column	Ok
20	GPC BLK	P7038840.D	Hit of Compound # 20	Not Ok
21	GPC BS	P7038841.D	End check fail	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7071709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	7/22/2009 12:00:00 AM
Tune/Reschk	GCS1530	Initial Calibration Stds	GCP9123,9245-50
CCC	GCP9246	SubDirectory	P7071709
Internal Standard/PEM	GCS1613	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9251-53/GCP9146	HP Processing Method	P7071709,7TX071709,7CH071709

Sr#	SampleId	Data File Name	Comment	Status
22	A3528-07	P7038842.D	End check fail	Not Ok
23	A3554-01	P7038843.D	End check fail	Not Ok
24	I.BLK	P7038844.D	End check fail	Not Ok
25	STD 50	P7038845.D	Comp#15,17,18,20 low in both column; Comp#21 & DCB low in first column; Comp#3,5,8,9,10,11,12,13,14,16,19 low in second column	Not Ok

CHEMTECH

Manual Integration Report

Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3806-01MSD	P7039703.D	beta-BHC	jung	8/11/2009 9:55:32 AM	ugo	8/11/2009 10:23:05 AM	Peak Integrated by Software incorrectly
A3806-01MSD	P7039703.D	Heptachlor	jung	8/11/2009 9:55:32 AM	ugo	8/11/2009 10:23:05 AM	Peak Integrated by Software incorrectly
PB43893BL	P7039706.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:15 AM	jung	8/11/2009 9:47:48 AM	Peak Integrated by Software incorrectly
PB43893BL	P7039706.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:15 AM	jung	8/11/2009 9:47:48 AM	Peak Integrated by Software incorrectly
PB43893BL	P7039706.D	Decachlorobiphenyl	swati	8/11/2009 6:32:15 AM	jung	8/11/2009 9:47:48 AM	Peak Integrated by Software incorrectly
PB43893BL	P7039706.D	Decachlorobiphenyl #2	swati	8/11/2009 6:32:15 AM	jung	8/11/2009 9:47:48 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	alpha-BHC	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	alpha-BHC #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Heptachlor	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43893BS	P7039707.D	beta-BHC	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	beta-BHC #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	delta-BHC #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Endosulfan I	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Endosulfan I #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Dieldrin	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Dieldrin #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Endosulfan II	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Endrin aldehyde #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43893BS	P7039707.D	Endosulfan Sulfate #2	swati	8/11/2009 6:32:18 AM	jung	8/11/2009 9:55:15 AM	Peak Integrated by Software incorrectly
PB43888BS	P7039709.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:22 AM	jung	8/11/2009 9:50:34 AM	Peak Integrated by Software incorrectly
PB43888BS	P7039709.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:22 AM	jung	8/11/2009 9:50:34 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43888BS	P7039709.D	Endrin aldehyde #2	swati	8/11/2009 6:32:22 AM	jung	8/11/2009 9:50:34 AM	Peak Integrated by Software incorrectly
PB43888BS	P7039709.D	Endosulfan Sulfate	swati	8/11/2009 6:32:22 AM	jung	8/11/2009 9:50:34 AM	Peak Integrated by Software incorrectly
PB43888BS	P7039709.D	Endosulfan Sulfate #2	swati	8/11/2009 6:32:22 AM	jung	8/11/2009 9:50:34 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	alpha-BHC	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	alpha-BHC #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	gamma-BHC (Lindane) #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Heptachlor	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Heptachlor #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	beta-BHC	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	delta-BHC #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Heptachlor epoxide	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Endosulfan I #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43888BSD	P7039710.D	gamma-Chlordane #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Dieldrin	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Dieldrin #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Endosulfan II	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Endrin aldehyde #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Endosulfan Sulfate	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
PB43888BSD	P7039710.D	Endosulfan Sulfate #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:39 AM	Peak Integrated by Software incorrectly
A3816-14	P7039711.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:57 AM	Peak Integrated by Software incorrectly
A3816-14	P7039711.D	Decachlorobiphenyl #2	swati	8/11/2009 6:32:30 AM	jung	8/11/2009 9:50:57 AM	Peak Integrated by Software incorrectly
I.BLK	P7039712.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:32 AM	jung	8/11/2009 9:55:08 AM	Peak Integrated by Software incorrectly
I.BLK	P7039712.D	Decachlorobiphenyl	swati	8/11/2009 6:32:32 AM	jung	8/11/2009 9:55:08 AM	Peak Integrated by Software incorrectly
I.BLK	P7039712.D	Decachlorobiphenyl #2	swati	8/11/2009 6:32:32 AM	jung	8/11/2009 9:55:08 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P7039713.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	alpha-BHC	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	alpha-BHC #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	gamma-BHC (Lindane) #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	beta-BHC #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	Endrin #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	Endrin aldehyde	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	Endrin aldehyde #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	Methoxychlor #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
PEM	P7039713.D	Decachlorobiphenyl #2	swati	8/11/2009 6:32:34 AM	jung	8/11/2009 9:51:20 AM	Peak Integrated by Software incorrectly
STD 50	P7039714.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:37 AM	jung	8/11/2009 9:52:35 AM	Peak Integrated by Software incorrectly
STD 50	P7039714.D	alpha-BHC #2	swati	8/11/2009 6:32:37 AM	jung	8/11/2009 9:52:35 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50	P7039714.D	Endrin ketone #2	swati	8/11/2009 6:32:37 AM	jung	8/11/2009 9:52:35 AM	Peak Integrated by Software incorrectly
A3816-01	P7039715.D	Decachlorobiphenyl	swati	8/11/2009 6:32:40 AM	jung	8/11/2009 9:55:41 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	alpha-BHC	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	alpha-BHC #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	gamma-BHC (Lindane)	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	gamma-BHC (Lindane) #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Heptachlor	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Heptachlor #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Aldrin	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Aldrin #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-02MS	P7039716.D	Endrin ketone #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Decachlorobiphenyl #2	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039716.D	Decachlorobiphenyl	swati	8/11/2009 6:32:44 AM	jung	8/11/2009 9:53:06 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	alpha-BHC	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	gamma-BHC (Lindane)	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	gamma-BHC (Lindane) #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Heptachlor	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Aldrin	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Aldrin #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	beta-BHC	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	beta-BHC #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Heptachlor epoxide	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-03MSD	P7039717.D	Heptachlor epoxide #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	gamma-Chlordane	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	gamma-Chlordane #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Dieldrin	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Dieldrin #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Endrin #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Endosulfan II	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Endosulfan Sulfate #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Methoxychlor	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039717.D	Endrin ketone #2	swati	8/11/2009 6:32:47 AM	jung	8/11/2009 9:53:36 AM	Peak Integrated by Software incorrectly
A3816-04	P7039718.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:49 AM	jung	8/11/2009 9:53:50 AM	Peak Integrated by Software incorrectly
A3816-04	P7039718.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:49 AM	jung	8/11/2009 9:53:50 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-04	P7039718.D	Decachlorobiphenyl	swati	8/11/2009 6:32:49 AM	jung	8/11/2009 9:53:50 AM	Peak Integrated by Software incorrectly
A3816-05	P7039719.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:51 AM	jung	8/11/2009 9:54:05 AM	Peak Integrated by Software incorrectly
A3816-06	P7039720.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:32:54 AM	jung	8/11/2009 9:54:27 AM	Peak Integrated by Software incorrectly
A3816-06	P7039720.D	Decachlorobiphenyl	swati	8/11/2009 6:32:54 AM	jung	8/11/2009 9:54:27 AM	Peak Integrated by Software incorrectly
A3816-07	P7039721.D	Decachlorobiphenyl	swati	8/11/2009 6:32:57 AM	jung	8/11/2009 9:54:55 AM	Peak Integrated by Software incorrectly
A3816-08	P7039722.D	Tetrachloro-m-xylene	swati	8/11/2009 6:32:59 AM	jung	8/11/2009 9:55:57 AM	Peak Integrated by Software incorrectly
A3816-08	P7039722.D	Decachlorobiphenyl	swati	8/11/2009 6:32:59 AM	jung	8/11/2009 9:55:57 AM	Peak Integrated by Software incorrectly
A3816-09	P7039723.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:01 AM	jung	8/11/2009 9:56:09 AM	Peak Integrated by Software incorrectly
A3816-09	P7039723.D	Decachlorobiphenyl	swati	8/11/2009 6:33:01 AM	jung	8/11/2009 9:56:09 AM	Peak Integrated by Software incorrectly
A3816-10	P7039724.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:04 AM	jung	8/11/2009 9:56:22 AM	Peak Integrated by Software incorrectly
A3816-10	P7039724.D	Decachlorobiphenyl	swati	8/11/2009 6:33:04 AM	jung	8/11/2009 9:56:22 AM	Peak Integrated by Software incorrectly
A3816-10	P7039724.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:04 AM	jung	8/11/2009 9:56:22 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	P7039727.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:06 AM	jung	8/11/2009 9:56:39 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	alpha-BHC	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	alpha-BHC #2	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	Heptachlor	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	beta-BHC	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
STD 50	P7039728.D	Endrin #2	swati	8/11/2009 6:33:10 AM	jung	8/11/2009 9:56:56 AM	Peak Integrated by Software incorrectly
A3816-11	P7039729.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:12 AM	jung	8/11/2009 10:01:44 AM	Peak Integrated by Software incorrectly
A3816-11	P7039729.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:12 AM	jung	8/11/2009 10:01:44 AM	Peak Integrated by Software incorrectly
A3816-11	P7039729.D	Decachlorobiphenyl	swati	8/11/2009 6:33:12 AM	jung	8/11/2009 10:01:44 AM	Peak Integrated by Software incorrectly
A3816-11	P7039729.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:12 AM	jung	8/11/2009 10:01:44 AM	Peak Integrated by Software incorrectly
A3816-12	P7039730.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:15 AM	jung	8/11/2009 10:01:48 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-12	P7039730.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:15 AM	jung	8/11/2009 10:01:48 AM	Peak Integrated by Software incorrectly
A3816-12	P7039730.D	Decachlorobiphenyl	swati	8/11/2009 6:33:15 AM	jung	8/11/2009 10:01:48 AM	Peak Integrated by Software incorrectly
A3816-12	P7039730.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:15 AM	jung	8/11/2009 10:01:48 AM	Peak Integrated by Software incorrectly
A3816-13	P7039731.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:16 AM	jung	8/11/2009 9:57:40 AM	Peak Integrated by Software incorrectly
A3816-13	P7039731.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:16 AM	jung	8/11/2009 9:57:40 AM	Peak Integrated by Software incorrectly
A3816-13	P7039731.D	Decachlorobiphenyl	swati	8/11/2009 6:33:16 AM	jung	8/11/2009 9:57:40 AM	Peak Integrated by Software incorrectly
A3816-13	P7039731.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:16 AM	jung	8/11/2009 9:57:40 AM	Peak Integrated by Software incorrectly
A3816-15	P7039732.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:20 AM	jung	8/11/2009 9:57:55 AM	Peak Integrated by Software incorrectly
A3816-15	P7039732.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:20 AM	jung	8/11/2009 9:57:55 AM	Peak Integrated by Software incorrectly
A3816-15	P7039732.D	Decachlorobiphenyl	swati	8/11/2009 6:33:20 AM	jung	8/11/2009 9:57:55 AM	Peak Integrated by Software incorrectly
A3816-15	P7039732.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:20 AM	jung	8/11/2009 9:57:55 AM	Peak Integrated by Software incorrectly
A3816-16	P7039733.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:22 AM	jung	8/11/2009 9:58:16 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-16	P7039733.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:22 AM	jung	8/11/2009 9:58:16 AM	Peak Integrated by Software incorrectly
A3816-16	P7039733.D	Decachlorobiphenyl	swati	8/11/2009 6:33:22 AM	jung	8/11/2009 9:58:16 AM	Peak Integrated by Software incorrectly
A3816-16	P7039733.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:22 AM	jung	8/11/2009 9:58:16 AM	Peak Integrated by Software incorrectly
A3816-17	P7039734.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:24 AM	jung	8/11/2009 9:58:28 AM	Peak Integrated by Software incorrectly
A3816-17	P7039734.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:24 AM	jung	8/11/2009 9:58:28 AM	Peak Integrated by Software incorrectly
A3816-17	P7039734.D	Decachlorobiphenyl	swati	8/11/2009 6:33:24 AM	jung	8/11/2009 9:58:28 AM	Peak Integrated by Software incorrectly
A3816-17	P7039734.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:24 AM	jung	8/11/2009 9:58:28 AM	Peak Integrated by Software incorrectly
A3816-18	P7039735.D	Decachlorobiphenyl	swati	8/11/2009 6:33:27 AM	jung	8/11/2009 9:58:50 AM	Peak Integrated by Software incorrectly
A3816-18	P7039735.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:27 AM	jung	8/11/2009 9:58:50 AM	Peak Integrated by Software incorrectly
A3816-19	P7039736.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:29 AM	jung	8/11/2009 9:59:03 AM	Peak Integrated by Software incorrectly
A3816-19	P7039736.D	Decachlorobiphenyl	swati	8/11/2009 6:33:29 AM	jung	8/11/2009 9:59:03 AM	Peak Integrated by Software incorrectly
A3816-21	P7039738.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:32 AM	jung	8/11/2009 10:01:53 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-21	P7039738.D	Decachlorobiphenyl	swati	8/11/2009 6:33:32 AM	jung	8/11/2009 10:01:53 AM	Peak Integrated by Software incorrectly
A3816-21	P7039738.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:32 AM	jung	8/11/2009 10:01:53 AM	Peak Integrated by Software incorrectly
A3816-22	P7039739.D	Tetrachloro-m-xylene	swati	8/11/2009 6:33:35 AM	jung	8/11/2009 9:59:29 AM	Peak Integrated by Software incorrectly
A3816-22	P7039739.D	Decachlorobiphenyl	swati	8/11/2009 6:33:35 AM	jung	8/11/2009 9:59:29 AM	Peak Integrated by Software incorrectly
A3816-22	P7039739.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:35 AM	jung	8/11/2009 9:59:29 AM	Peak Integrated by Software incorrectly
I.BLK	P7039742.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:54 AM	jung	8/11/2009 9:59:46 AM	Peak Integrated by Software incorrectly
I.BLK	P7039742.D	Decachlorobiphenyl	swati	8/11/2009 6:33:54 AM	jung	8/11/2009 9:59:46 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	alpha-BHC	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	alpha-BHC #2	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Heptachlor	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	beta-BHC	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly

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Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50	P7039743.D	delta-BHC #2	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Heptachlor epoxide	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Endrin aldehyde #2	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Decachlorobiphenyl	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039743.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:41 AM	jung	8/11/2009 10:00:03 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Tetrachloro-m-xylene #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	alpha-BHC	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	alpha-BHC #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	gamma-BHC (Lindane) #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Heptachlor	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	beta-BHC	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	beta-BHC #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081009	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50	P7039744.D	Heptachlor epoxide	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Heptachlor epoxide #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	gamma-Chlordane #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Endosulfan II	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Endosulfan Sulfate	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Endosulfan Sulfate #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Methoxychlor	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Methoxychlor #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Endrin ketone	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Decachlorobiphenyl	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly
STD 50	P7039744.D	Decachlorobiphenyl #2	swati	8/11/2009 6:33:45 AM	jung	8/11/2009 10:00:08 AM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD7**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON

ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P7039692.D	10 Aug 2009 10:10	JJ	Ok
2	I.BLK	P7039693.D	10 Aug 2009 10:24	JJ	Ok
3	PEM	P7039694.D	10 Aug 2009 10:39	JJ	Ok
4	STD 50	P7039695.D	10 Aug 2009 10:53	JJ	Ok
5	A3794-06	P7039696.D	10 Aug 2009 11:09	JJ	Ok
6	A3794-07	P7039697.D	10 Aug 2009 11:23	JJ	Ok
7	PB43860BL	P7039698.D	10 Aug 2009 11:56	JJ	Ok
8	PB43860BS	P7039699.D	10 Aug 2009 12:10	JJ	Ok
9	A3806-01	P7039700.D	10 Aug 2009 12:27	JJ	Ok
10	A3807-01	P7039701.D	10 Aug 2009 12:41	JJ	Ok
11	A3806-01MS	P7039702.D	10 Aug 2009 12:55	JJ	Ok
12	A3806-01MSD	P7039703.D	10 Aug 2009 13:09	JJ	Ok,M
13	I.BLK	P7039704.D	10 Aug 2009 13:24	JJ	Ok
14	STD 50	P7039705.D	10 Aug 2009 13:38	JJ	Ok
15	PB43893BL	P7039706.D	10 Aug 2009 14:11	JJ	Ok,M
16	PB43893BS	P7039707.D	10 Aug 2009 14:25	JJ	Ok,M
17	PB43888BL	P7039708.D	10 Aug 2009 14:39	JJ	Ok
18	PB43888BS	P7039709.D	10 Aug 2009 14:53	JJ	Ok,M
19	PB43888BSD	P7039710.D	10 Aug 2009 15:08	JJ	Ok,M
20	A3816-14	P7039711.D	10 Aug 2009 15:22	JJ	Ok,M
21	I.BLK	P7039712.D	10 Aug 2009 15:36	JJ	Ok,M

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	PEM	P7039713.D	10 Aug 2009 15:50	JJ	Ok,M
23	STD 50	P7039714.D	10 Aug 2009 16:05	JJ	Ok,M
24	A3816-01	P7039715.D	10 Aug 2009 16:19	JJ	ReRun
25	A3816-02MS	P7039716.D	10 Aug 2009 16:33	JJ	ReRun
26	A3816-03MSD	P7039717.D	10 Aug 2009 16:47	JJ	ReRun
27	A3816-04	P7039718.D	10 Aug 2009 17:01	JJ	ReRun
28	A3816-05	P7039719.D	10 Aug 2009 17:16	JJ	ReRun
29	A3816-06	P7039720.D	10 Aug 2009 17:30	JJ	ReRun
30	A3816-07	P7039721.D	10 Aug 2009 17:44	JJ	ReRun
31	A3816-08	P7039722.D	10 Aug 2009 17:58	JJ	ReRun
32	A3816-09	P7039723.D	10 Aug 2009 18:12	JJ	ReRun
33	A3816-10	P7039724.D	10 Aug 2009 18:27	JJ	ReRun
34	HEXANE	P7039725.D	10 Aug 2009 18:41	JJ	Ok
35	HEXANE	P7039726.D	10 Aug 2009 18:55	JJ	Ok
36	I.BLK	P7039727.D	10 Aug 2009 19:09	JJ	Ok,M
37	STD 50	P7039728.D	10 Aug 2009 19:23	JJ	Ok,M
38	A3816-11	P7039729.D	10 Aug 2009 19:38	JJ	Not Ok
39	A3816-12	P7039730.D	10 Aug 2009 19:52	JJ	Not Ok
40	A3816-13	P7039731.D	10 Aug 2009 20:06	JJ	Not Ok
41	A3816-15	P7039732.D	10 Aug 2009 20:20	JJ	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	A3816-16	P7039733.D	10 Aug 2009 20:34	JJ	Not Ok
43	A3816-17	P7039734.D	10 Aug 2009 20:49	JJ	Not Ok
44	A3816-18	P7039735.D	10 Aug 2009 21:03	JJ	Not Ok
45	A3816-19	P7039736.D	10 Aug 2009 21:17	JJ	Not Ok
46	A3816-20	P7039737.D	10 Aug 2009 21:31	JJ	Not Ok
47	A3816-21	P7039738.D	10 Aug 2009 21:45	JJ	Not Ok
48	A3816-22	P7039739.D	10 Aug 2009 22:00	JJ	Not Ok
49	HEXANE	P7039740.D	10 Aug 2009 22:14	JJ	Not Ok
50	HEXANE	P7039741.D	10 Aug 2009 22:28	JJ	Not Ok
51	I.BLK	P7039742.D	10 Aug 2009 22:42	JJ	Ok,M
52	STD 50	P7039743.D	10 Aug 2009 22:57	JJ	Not Ok
53	STD 50	P7039744.D	11 Aug 2009 4:51	JJ	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P7039692.D		Ok
2	I.BLK	P7039693.D		Ok
3	PEM	P7039694.D		Ok
4	STD 50	P7039695.D		Ok
5	A3794-06	P7039696.D		Ok
6	A3794-07	P7039697.D	report the hit from the second column	Ok
7	PB43860BL	P7039698.D		Ok
8	PB43860BS	P7039699.D		Ok
9	A3806-01	P7039700.D		Ok
10	A3807-01	P7039701.D		Ok
11	A3806-01MS	P7039702.D		Ok
12	A3806-01MSD	P7039703.D		Ok,M
13	I.BLK	P7039704.D		Ok
14	STD 50	P7039705.D		Ok
15	PB43893BL	P7039706.D		Ok,M
16	PB43893BS	P7039707.D	Comp.# 13 recovery having low	Ok,M
17	PB43888BL	P7039708.D		Ok
18	PB43888BS	P7039709.D		Ok,M
19	PB43888BSD	P7039710.D	Comp.# 19 having high recovery	Ok,M
20	A3816-14	P7039711.D		Ok,M
21	I.BLK	P7039712.D		Ok,M

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
22	PEM	P7039713.D		Ok,M
23	STD 50	P7039714.D	DCB high in first column, Comp.# 2,3,6,7 high in second column,Comp.# 4 high in both column, Comp.# 19,21 high in first column	Ok,M
24	A3816-01	P7039715.D		ReRun
25	A3816-02MS	P7039716.D		ReRun
26	A3816-03MSD	P7039717.D		ReRun
27	A3816-04	P7039718.D		ReRun
28	A3816-05	P7039719.D		ReRun
29	A3816-06	P7039720.D		ReRun
30	A3816-07	P7039721.D		ReRun
31	A3816-08	P7039722.D		ReRun
32	A3816-09	P7039723.D		ReRun
33	A3816-10	P7039724.D		ReRun
34	HEXANE	P7039725.D		Ok
35	HEXANE	P7039726.D		Ok
36	I.BLK	P7039727.D		Ok,M
37	STD 50	P7039728.D	TCMX & Comp.# 2,3,6,7 high in second column,DCB & Comp.# 19,20 high in first column,Como.# 4,21 high in both column	Ok,M
38	A3816-11	P7039729.D	endcheck low	Not Ok
39	A3816-12	P7039730.D	endcheck low	Not Ok
40	A3816-13	P7039731.D	endcheck low	Not Ok
41	A3816-15	P7039732.D	endcheck low	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081009

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081009
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
42	A3816-16	P7039733.D	endcheck low	Not Ok
43	A3816-17	P7039734.D	endcheck low	Not Ok
44	A3816-18	P7039735.D	endcheck low	Not Ok
45	A3816-19	P7039736.D	endcheck low	Not Ok
46	A3816-20	P7039737.D	endcheck low	Not Ok
47	A3816-21	P7039738.D	endcheck low	Not Ok
48	A3816-22	P7039739.D	endcheck low	Not Ok
49	HEXANE	P7039740.D		Not Ok
50	HEXANE	P7039741.D		Not Ok
51	I.BLK	P7039742.D		Ok,M
52	STD 50	P7039743.D	Not Used	Not Ok
53	STD 50	P7039744.D	TCMX & Comp.# 2,3,4,5,19 high in second column,DCB & Comp.# 6,7,16,21 high in both column,Comp.# 17,20 low in first column	Not Ok

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P7039748.D	gamma-BHC (Lindane) #2	jung	8/11/2009 4:11:56 PM	ugo	8/13/2009 11:51:05 AM	Peak Integrated by Software incorrectly
STD 100	P7039748.D	gamma-BHC (Lindane)	jung	8/11/2009 4:11:56 PM	ugo	8/13/2009 11:51:05 AM	Peak Integrated by Software incorrectly
STD 100	P7039748.D	alpha-BHC #2	jung	8/11/2009 4:11:56 PM	ugo	8/13/2009 11:51:05 AM	Peak Integrated by Software incorrectly
STD 100	P7039748.D	alpha-BHC	jung	8/11/2009 4:11:56 PM	ugo	8/13/2009 11:51:05 AM	Peak Integrated by Software incorrectly
A3816-02MS	P7039750.D	Aldrin	jung	8/11/2009 4:12:02 PM	ugo	8/13/2009 11:51:13 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Decachlorobiphenyl	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Endrin ketone	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Endrin ketone #2	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Endosulfan II	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Dieldrin #2	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Dieldrin	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-03MSD	P7039751.D	Endosulfan I	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Heptachlor epoxide	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Heptachlor epoxide #2	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-03MSD	P7039751.D	Aldrin	jung	8/11/2009 4:12:08 PM	ugo	8/13/2009 11:51:18 AM	Peak Integrated by Software incorrectly
A3816-06	P7039754.D	Tetrachloro-m-xylene #2	jung	8/11/2009 4:13:49 PM	ugo	8/13/2009 11:52:51 AM	Incorrect baseline
A3816-08	P7039756.D	Decachlorobiphenyl	jung	8/11/2009 4:13:27 PM	ugo	8/13/2009 11:53:05 AM	Peak Integrated by Software incorrectly
A3816-09	P7039757.D	Decachlorobiphenyl	jung	8/11/2009 4:13:55 PM	ugo	8/13/2009 11:53:23 AM	Coaluation Of the peak
A3816-10	P7039758.D	Decachlorobiphenyl #2	jung	8/11/2009 4:13:33 PM	ugo	8/13/2009 11:53:37 AM	Peak Integrated by Software incorrectly
A3816-10	P7039758.D	Decachlorobiphenyl	jung	8/11/2009 4:13:33 PM	ugo	8/13/2009 11:53:37 AM	Peak Integrated by Software incorrectly
STD 100	P7039761.D	delta-BHC #2	jung	8/12/2009 11:02:48 AM	ugo	8/13/2009 11:53:44 AM	Peak Integrated by Software incorrectly
STD 100	P7039761.D	gamma-BHC (Lindane) #2	jung	8/12/2009 11:02:48 AM	ugo	8/13/2009 11:53:44 AM	Peak Integrated by Software incorrectly
STD 100	P7039761.D	gamma-BHC (Lindane)	jung	8/12/2009 11:02:48 AM	ugo	8/13/2009 11:53:44 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-11	P7039762.D	Tetrachloro-m-xylene	swati	8/12/2009 3:05:06 AM	jung	8/12/2009 11:03:39 AM	Peak Integrated by Software incorrectly
A3816-11	P7039762.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:05:06 AM	jung	8/12/2009 11:03:39 AM	Peak Integrated by Software incorrectly
A3816-11	P7039762.D	Decachlorobiphenyl	swati	8/12/2009 3:05:06 AM	jung	8/12/2009 11:03:39 AM	Peak Integrated by Software incorrectly
A3816-11	P7039762.D	Decachlorobiphenyl #2	swati	8/12/2009 3:05:06 AM	jung	8/12/2009 11:03:39 AM	Peak Integrated by Software incorrectly
A3816-12	P7039763.D	Endosulfan II	swati	8/12/2009 3:06:01 AM	jung	8/12/2009 11:02:53 AM	Peak Integrated by Software incorrectly
A3816-12	P7039763.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:01 AM	jung	8/12/2009 11:02:53 AM	Peak Integrated by Software incorrectly
A3816-12	P7039763.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:01 AM	jung	8/12/2009 11:02:53 AM	Peak Integrated by Software incorrectly
A3816-12	P7039763.D	Decachlorobiphenyl	swati	8/12/2009 3:06:01 AM	jung	8/12/2009 11:02:53 AM	Peak Integrated by Software incorrectly
A3816-12	P7039763.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:01 AM	jung	8/12/2009 11:02:53 AM	Peak Integrated by Software incorrectly
A3816-13	P7039764.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:02 AM	jung	8/12/2009 11:02:57 AM	Peak Integrated by Software incorrectly
A3816-13	P7039764.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:02 AM	jung	8/12/2009 11:02:57 AM	Peak Integrated by Software incorrectly
A3816-13	P7039764.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:02 AM	jung	8/12/2009 11:02:57 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-15	P7039765.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:05 AM	jung	8/12/2009 11:03:06 AM	Peak Integrated by Software incorrectly
A3816-15	P7039765.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:05 AM	jung	8/12/2009 11:03:06 AM	Peak Integrated by Software incorrectly
A3816-15	P7039765.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:05 AM	jung	8/12/2009 11:03:06 AM	Peak Integrated by Software incorrectly
A3816-17	P7039766.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:14 AM	jung	8/12/2009 11:03:18 AM	Peak Integrated by Software incorrectly
A3816-17	P7039766.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:14 AM	jung	8/12/2009 11:03:18 AM	Peak Integrated by Software incorrectly
A3816-17	P7039766.D	Decachlorobiphenyl	swati	8/12/2009 3:06:14 AM	jung	8/12/2009 11:03:18 AM	Peak Integrated by Software incorrectly
A3816-18	P7039767.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:16 AM	jung	8/12/2009 11:03:22 AM	Peak Integrated by Software incorrectly
A3816-18	P7039767.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:16 AM	jung	8/12/2009 11:03:22 AM	Peak Integrated by Software incorrectly
A3816-18	P7039767.D	Decachlorobiphenyl	swati	8/12/2009 3:06:16 AM	jung	8/12/2009 11:03:22 AM	Peak Integrated by Software incorrectly
A3816-18	P7039767.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:16 AM	jung	8/12/2009 11:03:22 AM	Peak Integrated by Software incorrectly
A3816-19	P7039768.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:19 AM	jung	8/12/2009 11:03:43 AM	Peak Integrated by Software incorrectly
A3816-19	P7039768.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:19 AM	jung	8/12/2009 11:03:43 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-19	P7039768.D	Decachlorobiphenyl	swati	8/12/2009 3:06:19 AM	jung	8/12/2009 11:03:43 AM	Peak Integrated by Software incorrectly
A3816-19	P7039768.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:19 AM	jung	8/12/2009 11:03:43 AM	Peak Integrated by Software incorrectly
A3816-20	P7039769.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:21 AM	jung	8/12/2009 11:03:47 AM	Peak Integrated by Software incorrectly
A3816-20	P7039769.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:21 AM	jung	8/12/2009 11:03:47 AM	Peak Integrated by Software incorrectly
A3816-20	P7039769.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:21 AM	jung	8/12/2009 11:03:47 AM	Peak Integrated by Software incorrectly
A3816-21	P7039770.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:23 AM	jung	8/12/2009 11:03:51 AM	Peak Integrated by Software incorrectly
A3816-21	P7039770.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:23 AM	jung	8/12/2009 11:03:51 AM	Peak Integrated by Software incorrectly
A3816-21	P7039770.D	Decachlorobiphenyl	swati	8/12/2009 3:06:23 AM	jung	8/12/2009 11:03:51 AM	Peak Integrated by Software incorrectly
A3816-22	P7039771.D	Tetrachloro-m-xylene	swati	8/12/2009 3:06:26 AM	jung	8/12/2009 11:04:16 AM	Peak Integrated by Software incorrectly
A3816-22	P7039771.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:26 AM	jung	8/12/2009 11:04:16 AM	Peak Integrated by Software incorrectly
A3816-22	P7039771.D	Decachlorobiphenyl	swati	8/12/2009 3:06:26 AM	jung	8/12/2009 11:04:16 AM	Peak Integrated by Software incorrectly
A3816-16	P7039772.D	Tetrachloro-m-xylene	swati	8/12/2009 3:07:53 AM	jung	8/12/2009 11:03:55 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-16	P7039772.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:07:53 AM	jung	8/12/2009 11:03:55 AM	Peak Integrated by Software incorrectly
A3816-16	P7039772.D	Decachlorobiphenyl #2	swati	8/12/2009 3:07:53 AM	jung	8/12/2009 11:03:55 AM	Peak Integrated by Software incorrectly
I.BLK	P7039774.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:44 AM	jung	8/12/2009 11:04:20 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	alpha-BHC	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	gamma-BHC (Lindane)	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	gamma-BHC (Lindane) #2	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	delta-BHC #2	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	delta-BHC	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	Endosulfan II	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	Endrin aldehyde #2	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	Methoxychlor #2	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly
STD 100	P7039775.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:47 AM	jung	8/12/2009 11:04:41 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43925BL	P7039776.D	Tetrachloro-m-xylene #2	swati	8/12/2009 3:06:50 AM	jung	8/12/2009 11:05:02 AM	Peak Integrated by Software incorrectly
PB43925BL	P7039776.D	Decachlorobiphenyl	swati	8/12/2009 3:06:50 AM	jung	8/12/2009 11:05:02 AM	Peak Integrated by Software incorrectly
PB43925BL	P7039776.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:50 AM	jung	8/12/2009 11:05:02 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	alpha-BHC	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	delta-BHC #2	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Endosulfan I	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	gamma-Chlordane	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Dieldrin	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Endrin #2	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Endosulfan II	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Endrin aldehyde #2	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Endosulfan Sulfate	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43925BS	P7039777.D	Decachlorobiphenyl	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
PB43925BS	P7039777.D	Decachlorobiphenyl #2	swati	8/12/2009 3:06:53 AM	jung	8/12/2009 11:04:47 AM	Peak Integrated by Software incorrectly
A3846-01	P7039778.D	Decachlorobiphenyl	swati	8/12/2009 3:06:55 AM	jung	8/12/2009 11:04:54 AM	Peak Integrated by Software incorrectly
A3847-01	P7039779.D	Dieldrin	swati	8/12/2009 3:06:57 AM	jung	8/12/2009 11:05:06 AM	Peak Integrated by Software incorrectly
A3847-01	P7039779.D	Decachlorobiphenyl	swati	8/12/2009 3:06:57 AM	jung	8/12/2009 11:05:06 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	Tetrachloro-m-xylene	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	gamma-BHC (Lindane)	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	gamma-BHC (Lindane) #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	beta-BHC	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	beta-BHC #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	delta-BHC	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	delta-BHC #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3845-01MS	P7039780.D	gamma-Chlordane	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	gamma-Chlordane #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	Endrin aldehyde #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	Endosulfan Sulfate #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	Methoxychlor	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039780.D	Endrin ketone #2	swati	8/12/2009 3:07:00 AM	jung	8/12/2009 11:05:11 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Tetrachloro-m-xylene	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	beta-BHC	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	beta-BHC #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	delta-BHC #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Endosulfan I	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	gamma-Chlordane	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3845-01MSD	P7039781.D	gamma-Chlordane #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Dieldrin #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Endrin aldehyde #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Endosulfan Sulfate	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Endosulfan Sulfate #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Methoxychlor	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Endrin ketone #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039781.D	Decachlorobiphenyl #2	swati	8/12/2009 3:07:05 AM	jung	8/12/2009 11:05:16 AM	Peak Integrated by Software incorrectly
I.BLK	P7039782.D	Decachlorobiphenyl	swati	8/12/2009 3:07:06 AM	jung	8/12/2009 11:05:24 AM	Peak Integrated by Software incorrectly
I.BLK	P7039782.D	Decachlorobiphenyl #2	swati	8/12/2009 3:07:06 AM	jung	8/12/2009 11:05:24 AM	Peak Integrated by Software incorrectly
STD 100	P7039783.D	alpha-BHC	swati	8/12/2009 3:07:09 AM	jung	8/12/2009 11:06:04 AM	Peak Integrated by Software incorrectly
STD 100	P7039783.D	delta-BHC #2	swati	8/12/2009 3:07:09 AM	jung	8/12/2009 11:06:04 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081109	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P7039783.D	delta-BHC	swati	8/12/2009 3:07:09 AM	jung	8/12/2009 11:06:04 AM	Peak Integrated by Software incorrectly
STD 100	P7039783.D	Endrin #2	swati	8/12/2009 3:07:09 AM	jung	8/12/2009 11:06:04 AM	Peak Integrated by Software incorrectly
STD 100	P7039783.D	Endosulfan II	swati	8/12/2009 3:07:09 AM	jung	8/12/2009 11:06:04 AM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD7**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9123	SubDirectory	P7081109
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	P7039745.D	11 Aug 2009 10:18	JJ	Ok
2	I.BLK	P7039746.D	11 Aug 2009 10:32	JJ	Ok
3	PEM	P7039747.D	11 Aug 2009 10:46	JJ	Ok
4	STD 100	P7039748.D	11 Aug 2009 11:24	JJ	Ok,M
5	A3816-01	P7039749.D	11 Aug 2009 11:47	JJ	Ok
6	A3816-02MS	P7039750.D	11 Aug 2009 12:01	JJ	Ok,M
7	A3816-03MSD	P7039751.D	11 Aug 2009 12:15	JJ	Ok,M
8	A3816-04	P7039752.D	11 Aug 2009 12:29	JJ	Ok
9	A3816-05	P7039753.D	11 Aug 2009 12:43	JJ	Ok
10	A3816-06	P7039754.D	11 Aug 2009 12:58	JJ	Ok,M
11	A3816-07	P7039755.D	11 Aug 2009 13:12	JJ	Ok
12	A3816-08	P7039756.D	11 Aug 2009 13:26	JJ	Ok,M
13	A3816-09	P7039757.D	11 Aug 2009 13:40	JJ	Ok,M
14	A3816-10	P7039758.D	11 Aug 2009 13:54	JJ	Ok,M
15	A3845-01	P7039759.D	11 Aug 2009 14:09	JJ	Ok
16	I.BLK	P7039760.D	11 Aug 2009 14:23	JJ	Ok

17	STD 100	P7039761.D	11 Aug 2009 14:37	JJ	Ok,M
18	A3816-11	P7039762.D	11 Aug 2009 15:06	JJ	Not Ok
19	A3816-12	P7039763.D	11 Aug 2009 15:20	JJ	Not Ok
20	A3816-13	P7039764.D	11 Aug 2009 15:34	JJ	Not Ok
21	A3816-15	P7039765.D	11 Aug 2009 15:48	JJ	Not Ok

CHEMTECH **Instrument: ECD7**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P7081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9123	SubDirectory	P7081109
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3816-17	P7039766.D	11 Aug 2009 16:02	JJ	Not Ok
23	A3816-18	P7039767.D	11 Aug 2009 16:16	JJ	Not Ok
24	A3816-19	P7039768.D	11 Aug 2009 16:31	JJ	Not Ok
25	A3816-20	P7039769.D	11 Aug 2009 16:45	JJ	Not Ok
26	A3816-21	P7039770.D	11 Aug 2009 16:59	JJ	Not Ok
27	A3816-22	P7039771.D	11 Aug 2009 17:13	JJ	Not Ok
28	A3816-16	P7039772.D	11 Aug 2009 17:27	JJ	Not Ok
29	HEXANE	P7039773.D	11 Aug 2009 17:42	JJ	Not Ok
30	I.BLK	P7039774.D	11 Aug 2009 17:56	JJ	Not Ok
31	STD 100	P7039775.D	11 Aug 2009 18:10	JJ	Not Ok
32	PB43925BL	P7039776.D	11 Aug 2009 18:24	JJ	Not Ok
33	PB43925BS	P7039777.D	11 Aug 2009 18:38	JJ	Not Ok
34	A3846-01	P7039778.D	11 Aug 2009 18:52	JJ	Not Ok
35	A3847-01	P7039779.D	11 Aug 2009 19:07	JJ	Not Ok
36	A3845-01MS	P7039780.D	11 Aug 2009 19:21	JJ	Not Ok
37	A3845-01MSD	P7039781.D	11 Aug 2009 19:35	JJ	Not Ok
38	I.BLK	P7039782.D	11 Aug 2009 19:49	JJ	Not Ok
39	STD 100	P7039783.D	11 Aug 2009 20:03	JJ	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9123	SubDirectory	P7081109
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
1	HEXANE	P7039745.D		Ok
2	I.BLK	P7039746.D		Ok
3	PEM	P7039747.D		Ok
4	STD 100	P7039748.D	DDT high in the second column	Ok,M
5	A3816-01	P7039749.D		Ok
6	A3816-02MS	P7039750.D		Ok,M
7	A3816-03MSD	P7039751.D		Ok,M
8	A3816-04	P7039752.D		Ok
9	A3816-05	P7039753.D		Ok
10	A3816-06	P7039754.D		Ok,M
11	A3816-07	P7039755.D		Ok
12	A3816-08	P7039756.D		Ok,M
13	A3816-09	P7039757.D		Ok,M
14	A3816-10	P7039758.D		Ok,M
15	A3845-01	P7039759.D		Ok
16	I.BLK	P7039760.D		Ok
17	STD 100	P7039761.D	DCB high in the first column, DDT high in the second column	Ok,M
18	A3816-11	P7039762.D	End check Fail	Not Ok
19	A3816-12	P7039763.D	End check Fail	Not Ok
20	A3816-13	P7039764.D	End check Fail	Not Ok
21	A3816-15	P7039765.D	End check Fail	Not Ok

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081109

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/12/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9123	SubDirectory	P7081109
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
22	A3816-17	P7039766.D	End check Fail	Not Ok
23	A3816-18	P7039767.D	End check Fail	Not Ok
24	A3816-19	P7039768.D	End check Fail	Not Ok
25	A3816-20	P7039769.D	End check Fail	Not Ok
26	A3816-21	P7039770.D	End check Fail	Not Ok
27	A3816-22	P7039771.D	End check Fail	Not Ok
28	A3816-16	P7039772.D	End check Fail	Not Ok
29	HEXANE	P7039773.D	End check Fail	Not Ok
30	I.BLK	P7039774.D	End check Fail	Not Ok
31	STD 100	P7039775.D	Comp.# 17,20 low in both column, Comp.# 6,7 high in second column	Not Ok
32	PB43925BL	P7039776.D	Opening & End check Fail	Not Ok
33	PB43925BS	P7039777.D	Opening & End check Fail.	Not Ok
34	A3846-01	P7039778.D	Opening & End check Fail	Not Ok
35	A3847-01	P7039779.D	Opening & End check Fail	Not Ok
36	A3845-01MS	P7039780.D	Opening & End check Fail	Not Ok
37	A3845-01MSD	P7039781.D	Opening & End check Fail	Not Ok
38	I.BLK	P7039782.D	Opening & End check Fail	Not Ok
39	STD 100	P7039783.D	Comp.# 17,20 low in both column, Comp.# 6,7 high in second column	Not Ok

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3808-26	P7039790.D	Decachlorobiphenyl	jung	8/12/2009 2:40:07 PM	ugo	8/13/2009 11:54:06 AM	Peak Integrated by Software incorrectly
A3808-16	P7039793.D	Decachlorobiphenyl	jung	8/12/2009 2:40:13 PM	ugo	8/13/2009 11:54:11 AM	Peak Integrated by Software incorrectly
A3808-16	P7039793.D	Decachlorobiphenyl #2	jung	8/12/2009 2:40:13 PM	ugo	8/13/2009 11:54:11 AM	Peak Integrated by Software incorrectly
A3808-25 50X	P7039795.D	Tetrachloro-m-xylene #2	jung	8/12/2009 2:40:21 PM	ugo	8/13/2009 11:54:14 AM	Peak Integrated by Software incorrectly
A3808-25 50X	P7039795.D	Tetrachloro-m-xylene	jung	8/12/2009 2:40:21 PM	ugo	8/13/2009 11:54:14 AM	Peak Integrated by Software incorrectly
PB43925BL	P7039800.D	Decachlorobiphenyl	swati	8/13/2009 6:07:31 AM	jung	8/13/2009 10:00:52 AM	Peak Integrated by Software incorrectly
PB43925BL	P7039800.D	Decachlorobiphenyl #2	swati	8/13/2009 6:07:31 AM	jung	8/13/2009 10:00:52 AM	Peak Integrated by Software incorrectly
A3846-01	P7039801.D	Tetrachloro-m-xylene	swati	8/13/2009 6:07:32 AM	jung	8/13/2009 10:01:00 AM	Peak Integrated by Software incorrectly
A3846-01	P7039801.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:07:32 AM	jung	8/13/2009 10:01:00 AM	Peak Integrated by Software incorrectly
A3846-01	P7039801.D	Decachlorobiphenyl	swati	8/13/2009 6:07:32 AM	jung	8/13/2009 10:01:00 AM	Peak Integrated by Software incorrectly
A3847-01	P7039802.D	Tetrachloro-m-xylene	swati	8/13/2009 6:07:42 AM	jung	8/13/2009 10:01:16 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3847-01	P7039802.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:07:42 AM	jung	8/13/2009 10:01:16 AM	Peak Integrated by Software incorrectly
A3847-01	P7039802.D	Dieldrin	swati	8/13/2009 6:07:42 AM	jung	8/13/2009 10:01:16 AM	Peak Integrated by Software incorrectly
A3847-01	P7039802.D	Dieldrin #2	swati	8/13/2009 6:07:42 AM	jung	8/13/2009 10:01:16 AM	Peak Integrated by Software incorrectly
A3847-01	P7039802.D	Decachlorobiphenyl	swati	8/13/2009 6:07:42 AM	jung	8/13/2009 10:01:16 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Tetrachloro-m-xylene	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	alpha-BHC #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	gamma-BHC (Lindane)	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	gamma-BHC (Lindane) #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	beta-BHC	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	beta-BHC #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	delta-BHC #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	gamma-Chlordane	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3845-01MS	P7039803.D	gamma-Chlordane #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Endrin aldehyde #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Endosulfan Sulfate	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Endosulfan Sulfate #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Methoxychlor	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Endrin ketone #2	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MS	P7039803.D	Decachlorobiphenyl	swati	8/13/2009 6:07:47 AM	jung	8/13/2009 10:02:32 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Tetrachloro-m-xylene	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	gamma-BHC (Lindane)	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	gamma-BHC (Lindane) #2	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	beta-BHC	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	beta-BHC #2	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3845-01MSD	P7039804.D	Endosulfan I	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	gamma-Chlordane #2	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Endosulfan Sulfate	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Endosulfan Sulfate #2	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Methoxychlor	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Endrin ketone #2	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
A3845-01MSD	P7039804.D	Decachlorobiphenyl	swati	8/13/2009 6:07:50 AM	jung	8/13/2009 10:02:58 AM	Peak Integrated by Software incorrectly
PB43861BL	P7039805.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:07:54 AM	jung	8/13/2009 10:03:17 AM	Peak Integrated by Software incorrectly
PB43861BL	P7039805.D	Decachlorobiphenyl	swati	8/13/2009 6:07:54 AM	jung	8/13/2009 10:03:17 AM	Peak Integrated by Software incorrectly
PB43861BL	P7039805.D	Decachlorobiphenyl #2	swati	8/13/2009 6:07:54 AM	jung	8/13/2009 10:03:17 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	alpha-BHC	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	alpha-BHC #2	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB43861BS	P7039806.D	delta-BHC #2	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Endosulfan I	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Endosulfan I #2	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	gamma-Chlordane	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Dieldrin	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Dieldrin #2	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Endosulfan Sulfate	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Endosulfan Sulfate #2	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
PB43861BS	P7039806.D	Decachlorobiphenyl	swati	8/13/2009 6:07:56 AM	jung	8/13/2009 10:04:01 AM	Peak Integrated by Software incorrectly
I.BLK	P7039807.D	Decachlorobiphenyl	swati	8/13/2009 6:08:00 AM	jung	8/13/2009 10:04:15 AM	Peak Integrated by Software incorrectly
PEM	P7039808.D	alpha-BHC	swati	8/13/2009 6:08:04 AM	jung	8/13/2009 10:04:21 AM	Peak Integrated by Software incorrectly
PEM	P7039808.D	alpha-BHC #2	swati	8/13/2009 6:08:04 AM	jung	8/13/2009 10:04:21 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P7039808.D	Endrin aldehyde #2	swati	8/13/2009 6:08:04 AM	jung	8/13/2009 10:04:21 AM	Peak Integrated by Software incorrectly
PEM	P7039808.D	Endrin aldehyde	swati	8/13/2009 6:08:04 AM	jung	8/13/2009 10:04:21 AM	Peak Integrated by Software incorrectly
PEM	P7039808.D	Decachlorobiphenyl	swati	8/13/2009 6:08:04 AM	jung	8/13/2009 10:04:21 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	alpha-BHC	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	alpha-BHC #2	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Endrin #2	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Endosulfan Sulfate	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Endosulfan Sulfate #2	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Decachlorobiphenyl	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
STD 50	P7039809.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:06 AM	jung	8/13/2009 10:11:41 AM	Peak Integrated by Software incorrectly
A3816-11	P7039810.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:09 AM	jung	8/13/2009 10:11:59 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-11	P7039810.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:08:09 AM	jung	8/13/2009 10:11:59 AM	Peak Integrated by Software incorrectly
A3816-11	P7039810.D	Decachlorobiphenyl	swati	8/13/2009 6:08:09 AM	jung	8/13/2009 10:11:59 AM	Peak Integrated by Software incorrectly
A3816-11	P7039810.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:09 AM	jung	8/13/2009 10:11:59 AM	Peak Integrated by Software incorrectly
A3816-12	P7039811.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:12 AM	jung	8/13/2009 10:12:13 AM	Peak Integrated by Software incorrectly
A3816-12	P7039811.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:08:12 AM	jung	8/13/2009 10:12:13 AM	Peak Integrated by Software incorrectly
A3816-12	P7039811.D	Decachlorobiphenyl	swati	8/13/2009 6:08:12 AM	jung	8/13/2009 10:12:13 AM	Peak Integrated by Software incorrectly
A3816-13	P7039812.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:16 AM	jung	8/13/2009 10:12:26 AM	Peak Integrated by Software incorrectly
A3816-13	P7039812.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:08:16 AM	jung	8/13/2009 10:12:26 AM	Peak Integrated by Software incorrectly
A3816-13	P7039812.D	Decachlorobiphenyl	swati	8/13/2009 6:08:16 AM	jung	8/13/2009 10:12:26 AM	Peak Integrated by Software incorrectly
A3816-13	P7039812.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:16 AM	jung	8/13/2009 10:12:26 AM	Peak Integrated by Software incorrectly
A3816-15	P7039813.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:47 AM	Peak Integrated by Software incorrectly
A3816-15	P7039813.D	Tetrachloro-m-xylene #2	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:47 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-15	P7039813.D	Decachlorobiphenyl	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:47 AM	Peak Integrated by Software incorrectly
A3816-15	P7039813.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:47 AM	Peak Integrated by Software incorrectly
A3816-16	P7039814.D	Decachlorobiphenyl	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:59 AM	Peak Integrated by Software incorrectly
A3816-16	P7039814.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:22 AM	jung	8/13/2009 10:12:59 AM	Peak Integrated by Software incorrectly
A3816-17	P7039815.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:25 AM	jung	8/13/2009 10:14:03 AM	Peak Integrated by Software incorrectly
A3816-17	P7039815.D	Decachlorobiphenyl	swati	8/13/2009 6:08:25 AM	jung	8/13/2009 10:14:03 AM	Peak Integrated by Software incorrectly
A3816-18	P7039816.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:27 AM	jung	8/13/2009 10:13:17 AM	Peak Integrated by Software incorrectly
A3816-18	P7039816.D	Decachlorobiphenyl	swati	8/13/2009 6:08:27 AM	jung	8/13/2009 10:13:17 AM	Peak Integrated by Software incorrectly
A3816-19	P7039817.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:31 AM	jung	8/13/2009 10:13:32 AM	Peak Integrated by Software incorrectly
A3816-19	P7039817.D	Decachlorobiphenyl	swati	8/13/2009 6:08:31 AM	jung	8/13/2009 10:13:32 AM	Peak Integrated by Software incorrectly
A3816-19	P7039817.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:31 AM	jung	8/13/2009 10:13:32 AM	Peak Integrated by Software incorrectly
A3816-20	P7039818.D	Decachlorobiphenyl	swati	8/13/2009 6:08:34 AM	jung	8/13/2009 10:14:45 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-21	P7039819.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:34 AM	jung	8/13/2009 10:14:56 AM	Peak Integrated by Software incorrectly
A3816-21	P7039819.D	Decachlorobiphenyl	swati	8/13/2009 6:08:34 AM	jung	8/13/2009 10:14:56 AM	Peak Integrated by Software incorrectly
A3816-22	P7039820.D	Tetrachloro-m-xylene	swati	8/13/2009 6:08:40 AM	jung	8/13/2009 10:15:06 AM	Peak Integrated by Software incorrectly
A3816-22	P7039820.D	Decachlorobiphenyl	swati	8/13/2009 6:08:40 AM	jung	8/13/2009 10:15:06 AM	Peak Integrated by Software incorrectly
A3816-22	P7039820.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:40 AM	jung	8/13/2009 10:15:06 AM	Peak Integrated by Software incorrectly
I.BLK	P7039823.D	Decachlorobiphenyl	swati	8/13/2009 6:08:39 AM	jung	8/13/2009 10:15:21 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	alpha-BHC	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	alpha-BHC #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	gamma-BHC (Lindane) #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	delta-BHC #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Heptachlor epoxide	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Endrin #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P7081209	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50	P7039824.D	Endosulfan II	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Endrin aldehyde #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Endosulfan Sulfate	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Decachlorobiphenyl	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly
STD 50	P7039824.D	Decachlorobiphenyl #2	swati	8/13/2009 6:08:44 AM	jung	8/13/2009 10:15:33 AM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: ECD7**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	P7039785.D	12 Aug 2009 10:26	JJ	Ok
2	PEM	P7039786.D	12 Aug 2009 10:40	JJ	Ok
3	STD 50	P7039787.D	12 Aug 2009 11:12	JJ	Not Ok
4	STD 50	P7039788.D	12 Aug 2009 11:40	JJ	Ok
5	A3808-24	P7039789.D	12 Aug 2009 12:00	JJ	Ok
6	A3808-26	P7039790.D	12 Aug 2009 12:14	JJ	Ok,M
7	A3808-27	P7039791.D	12 Aug 2009 12:28	JJ	Ok
8	A3808-25	P7039792.D	12 Aug 2009 12:42	JJ	Ok
9	A3808-16	P7039793.D	12 Aug 2009 12:57	JJ	Ok,M
10	A3808-16 20X	P7039794.D	12 Aug 2009 13:11	JJ	Not Ok
11	A3808-25 50X	P7039795.D	12 Aug 2009 13:38	JJ	Not Ok

12	HEXANE	P7039796.D	12 Aug 2009 14:45	JJ	Ok
13	I.BLK	P7039797.D	12 Aug 2009 15:00	JJ	Ok
14	STD 50	P7039798.D	12 Aug 2009 16:01	JJ	Ok
15	PB43925BS	P7039799.D	12 Aug 2009 16:27	JJ	Ok
16	PB43925BL	P7039800.D	12 Aug 2009 16:43	JJ	Ok,M
17	A3846-01	P7039801.D	12 Aug 2009 16:57	JJ	Ok,M
18	A3847-01	P7039802.D	12 Aug 2009 17:11	JJ	Ok,M
19	A3845-01MS	P7039803.D	12 Aug 2009 17:25	JJ	Ok,M
20	A3845-01MSD	P7039804.D	12 Aug 2009 17:39	JJ	Ok,M
21	PB43861BL	P7039805.D	12 Aug 2009 17:54	JJ	Ok,M

CHEMTECH **Instrument: ECD7**

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Daily Analysis Runlog For Sequence / QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	PB43861BS	P7039806.D	12 Aug 2009 18:08	JJ	Ok,M
23	I.BLK	P7039807.D	12 Aug 2009 18:22	JJ	Ok,M
24	PEM	P7039808.D	12 Aug 2009 18:36	JJ	Ok,M
25	STD 50	P7039809.D	12 Aug 2009 18:50	JJ	Ok,M
26	A3816-11	P7039810.D	12 Aug 2009 19:04	JJ	Ok,M
27	A3816-12	P7039811.D	12 Aug 2009 19:18	JJ	Ok,M
28	A3816-13	P7039812.D	12 Aug 2009 19:33	JJ	Ok,M
29	A3816-15	P7039813.D	12 Aug 2009 19:47	JJ	Ok,M
30	A3816-16	P7039814.D	12 Aug 2009 20:01	JJ	Ok,M
31	A3816-17	P7039815.D	12 Aug 2009 20:15	JJ	Ok,M
32	A3816-18	P7039816.D	12 Aug 2009 20:29	JJ	Ok,M
33	A3816-19	P7039817.D	12 Aug 2009 20:43	JJ	Ok,M
34	A3816-20	P7039818.D	12 Aug 2009 20:57	JJ	Ok,M
35	A3816-21	P7039819.D	12 Aug 2009 21:12	JJ	Ok,M
36	A3816-22	P7039820.D	12 Aug 2009 21:26	JJ	Ok,M
37	HEXANE	P7039821.D	12 Aug 2009 21:40	JJ	Ok
38	HEXANE	P7039822.D	12 Aug 2009 21:54	JJ	Ok
39	I.BLK	P7039823.D	12 Aug 2009 22:08	JJ	Ok,M
40	STD 50	P7039824.D	12 Aug 2009 22:23	JJ	Ok,M

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Instrument: ECD7

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Daily Analysis Runlog For Sequence / QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Date-Time	Operator	Status

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Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
1	I.BLK	P7039785.D		Ok
2	PEM	P7039786.D		Ok
3	STD 50	P7039787.D		Not Ok
4	STD 50	P7039788.D		Ok
5	A3808-24	P7039789.D		Ok
6	A3808-26	P7039790.D		Ok,M
7	A3808-27	P7039791.D		Ok
8	A3808-25	P7039792.D	DCB high	Ok
9	A3808-16	P7039793.D	DCB high	Ok,M
10	A3808-16 20X	P7039794.D		Not Ok
11	A3808-25 50X	P7039795.D		Not Ok
12	HEXANE	P7039796.D		Ok
13	I.BLK	P7039797.D		Ok
14	STD 50	P7039798.D	Compound #11 low in the second column	Ok
15	PB43925BS	P7039799.D	some compounds low, but above 80% recovery.	Ok
16	PB43925BL	P7039800.D		Ok,M
17	A3846-01	P7039801.D		Ok,M
18	A3847-01	P7039802.D		Ok,M
19	A3845-01MS	P7039803.D		Ok,M
20	A3845-01MSD	P7039804.D		Ok,M
21	PB43861BL	P7039805.D		Ok,M

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Instrument: ECD7

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Daily Analysis Runlog For Sequence/QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status
22	PB43861BS	P7039806.D	Comp.# 13,15,16,18 having low recovery,but above 80% recovery	Ok,M
23	I.BLK	P7039807.D		Ok,M
24	PEM	P7039808.D		Ok,M
25	STD 50	P7039809.D	Comp.# 4 high in first column	Ok,M
26	A3816-11	P7039810.D		Ok,M
27	A3816-12	P7039811.D		Ok,M
28	A3816-13	P7039812.D		Ok,M
29	A3816-15	P7039813.D		Ok,M
30	A3816-16	P7039814.D		Ok,M
31	A3816-17	P7039815.D		Ok,M
32	A3816-18	P7039816.D		Ok,M
33	A3816-19	P7039817.D		Ok,M
34	A3816-20	P7039818.D		Ok,M
35	A3816-21	P7039819.D		Ok,M
36	A3816-22	P7039820.D		Ok,M
37	HEXANE	P7039821.D		Ok
38	HEXANE	P7039822.D		Ok
39	I.BLK	P7039823.D		Ok,M
40	STD 50	P7039824.D	TCMX & Comp.#2 high in second column,DCB & Comp.# 3,4,6,7 high in both column,Comp.# 16,19,21 high in first column	Ok,M

CHEMTECH

Instrument: ECD7

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #P7081209

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	8/13/2009 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP9246	SubDirectory	P7081209
Internal Standard/PEM	GCS1653	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP9290	HP Processing Method	P7071709

Sr#	SampleId	Data File Name	Comment	Status

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3811-02	HD-23(32.5-35)	1	1.17	8.91	7.44	81.1
A3811-05	HD-24(27.5-30)	2	1.18	9.01	7.64	82.6
A3811-07	HD-25(27.5-30)	3	1.17	9.06	7.68	82.6
A3811-08	A3811-07MS	4	NR	NR	NR	NR
A3811-09	A3811-07MSD	5	NR	NR	NR	NR
A3811-15	HD-26(27.5-30)	6	1.17	8.99	8.26	90.7
A3811-16	DUP-05	7	1.17	9	8.17	89.4
A3811-20	HD-27(27.5-30)	8	1.18	9.07	8.3	90.3
A3811-22	HD-28(27.5-30)	9	1.17	8.99	8.36	92.0
A3811-23	A3811-22MS	10	NR	NR	NR	NR
A3811-24	A3811-22MSD	11	NR	NR	NR	NR
A3811-25	DUP-07	12	1.16	8.98	7.36	79.3
A3811-27	HD-29(30-32.5)	13	1.16	8.99	7.49	80.9
A3813-01	TP-1	14	1.17	8.84	7.02	76.3
A3813-02	TP-2	15	1.16	9.05	7.4	79.1
A3813-03	TP-3	16	1.16	8.89	7.71	84.8
A3813-04	TP-X	17	1.16	8.93	7.29	78.9
A3813-05	TP-4	18	1.17	8.83	7.88	87.6
A3813-06	TP-5	19	1.16	9.01	7.51	80.9
A3813-07	A3813-06MS	20	NR	NR	NR	NR
A3813-08	A3813-06MSD	21	NR	NR	NR	NR
A3813-09	TP-6	22	1.17	8.85	7.27	79.5
A3815-01	T-1	23	1.17	8.92	7.86	86.4
A3815-02	T-2	24	1.17	8.85	7.26	79.3
A3815-03	T-3	25	1.18	8.9	6.71	71.7
A3815-04	T-4	26	1.17	8.85	7.71	85.2
A3816-01	SBM-7	27	1.16	8.95	7.55	82.1
A3816-02	A3816-01MS	28	NR	NR	NR	NR
A3816-03	A3816-01MSD	29	NR	NR	NR	NR
A3816-04	SBM-1	30	1.18	8.79	6.76	73.4
A3816-05	SBM-8	31	1.16	8.78	6.95	76.0
A3816-06	FDSS080309	32	1.17	8.7	6.95	76.8
A3816-07	SBM-2	33	1.19	8.89	7.43	81.1
A3816-08	SBM-11	34	1.16	9.02	7.41	79.6

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

A. P. 08/06/09

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3816-09	SBM-12	35	1.17	8.89	7.87	86.8
A3816-10	SBM-4	36	1.16	8.83	6.96	75.7
A3816-11	SBM-3	37	1.18	9.06	7.51	80.4
A3816-12	SBM-5	38	1.17	8.92	7.52	82.0
A3816-13	SBM-9	39	1.16	8.96	7.77	84.8
A3816-15	SBM-10	40	1.16	8.9	7.63	83.6
A3816-16	SBM-6	41	1.16	8.98	8	87.5
A3816-17	SBM-6-S-2	42	1.16	8.97	7.68	83.5
A3816-18	SBM-3-S-1	43	1.16	9.03	7.84	84.9
A3816-19	SBM-4-S-1	44	1.17	9.08	7.78	83.6
A3816-20	SBM-2-S-3	45	1.19	8.9	7.74	85.0
A3816-21	SBM-9-S-1	46	1.17	8.89	7.82	86.2
A3816-22	SBM-1-S-2	47	1.19	8.95	7.27	78.4
A3817-01	LOT-080-39	48		OINTMENT	SAMPLE	100.0
A3818-01	SB-1	49	1.18	8.87	7.55	82.9
A3818-02	SB-2	50	1.19	9.05	8.12	88.2
A3823-03	TRC-181X-EP-B-11	51	1.16	8.76	7.49	83.3
A3823-04	TRC-181X-EP-S-11	52	1.18	9.04	7.39	79.1
A3823-05	TRC-181X-EP-S-11DUP	53	1.19	8.96	7.89	86.3
A3811-22D	HD-28(27.5-30)D	9D	1.17	9.02	8.46	92.9
A3816-01D	SBM-7D	27D	1.16	8.98	7.65	83.0
A3823-03D	TRC-181X-EP-B-11D	51D	1.16	8.79	7.59	84.3
BLANK	DISH	B1	1.16	1.16	1.16	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

08/06/09 A.P.

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 081415

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 123	SBM-7	Soil		X	8/3/09	1035	3	X	X	X	X						MS/MSD
2. 4	SBM-1	Soil		X	8/2/09	1100	1	X	X	X	X						
3. 5	SBM-8	Soil		X	8/3/09	1135	1	X	X	X	X						
4. 6	FDSS080309	Soil		X	8/3/09	1200	1	X	X	X	X						
5. 7	SBM-2	Soil		X	8/3/09	1210	1	X	X	X	X						
6. 8	SBM-11	Soil		X	8/3/09	1230	1	X	X	X	X						
7. 9	SBM-12	Soil		X	8/3/09	1320	1	X	X	X	X						
8. 10	SBM-4	Soil		X	8/3/09	1340	1	X	X	X	X						
9. 11	SBM-3	Soil		X	8/3/09	1410	1	X	X	X	X						
10. 12	SBM-5	Soil		X	8/3/09	1550	1	X	X	X	X						

PRESERVATIVES: E E E E

COMMENTS: ← Specify Preservatives
A-HCl B-HNO_3
C-H_2SO_4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/4/09 1610	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 9:55	RECEIVED FOR LAB BY:
3.	8-5-09	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 078975

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator Site
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: SAME FAX: SAME

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
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☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals	TAL Metals				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
13	SBM-9	soil		X	8/3/09	1555	1	X	X	X	X						
14	EB080309	water		X	8/3/09	1430	4	X	X	X		X					
15	SBM-10	soil		X	8/3/09	1615	1	X	X	X	X						
16	SBM-6	soil		X	8/3/09	1610	1	X	X	X	X						
17	SBM-6 @ S-2	soil		X	8/4/09	1045	1	X	X	X	X						
18	SBM-3 S-1	soil		X	8/4/09	1115	1	X	X	X	X						
19	SBM-4 S-1	soil		X	8/4/09	1110	1	X	X	X	X						
20	SBM-2 S-3	soil		X	8/4/09	1055	1	X	X	X	X						
21	SBM-9 S-1	soil		X	8/4/09	1140	1	X	X	X	X						
22	SBM-1 S-2	soil		X	8/4/09	1050	1	X	X	X	X						

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
1. RELINQUISHED BY SAMPLER:	8/4/09 1610	1.
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:
3. RELINQUISHED BY: UPS	DATE/TIME: 9:55 8-5-09	3. RECEIVED FOR LAB BY:

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

UPS CampusShip: View/Print Label

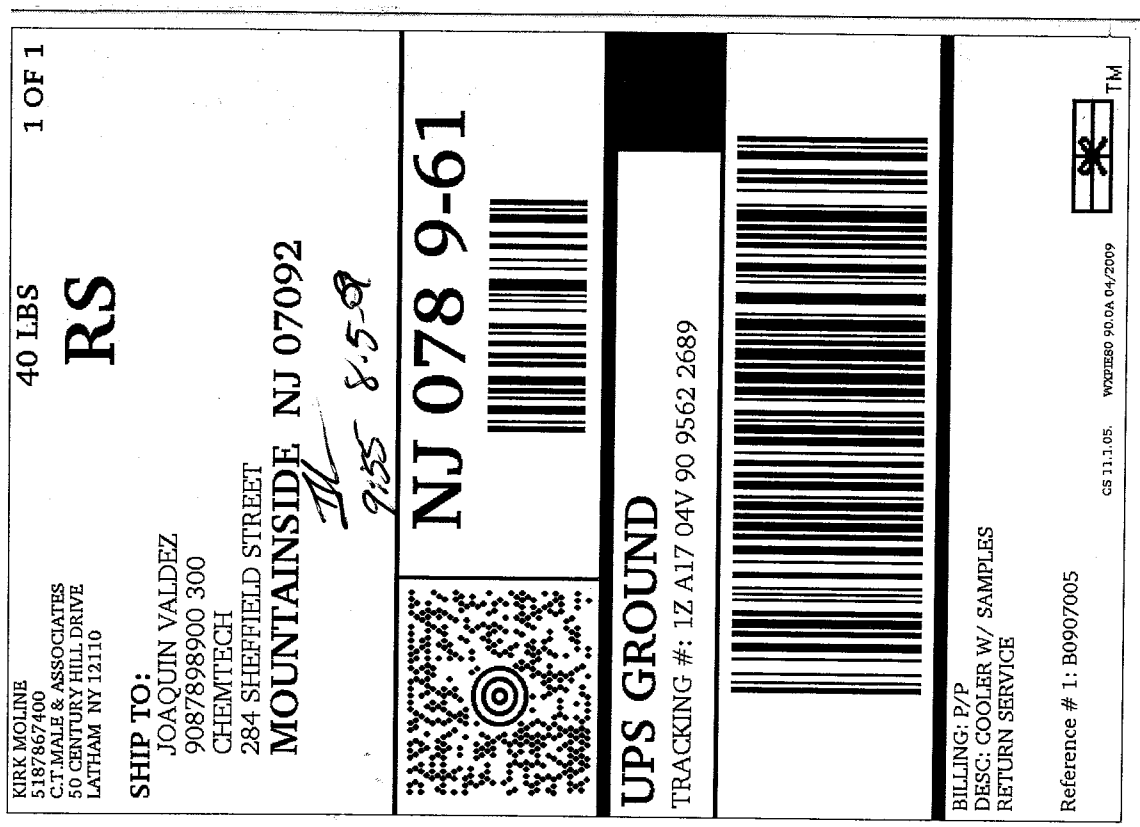
1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



UPS CampusShip: View/Print Label

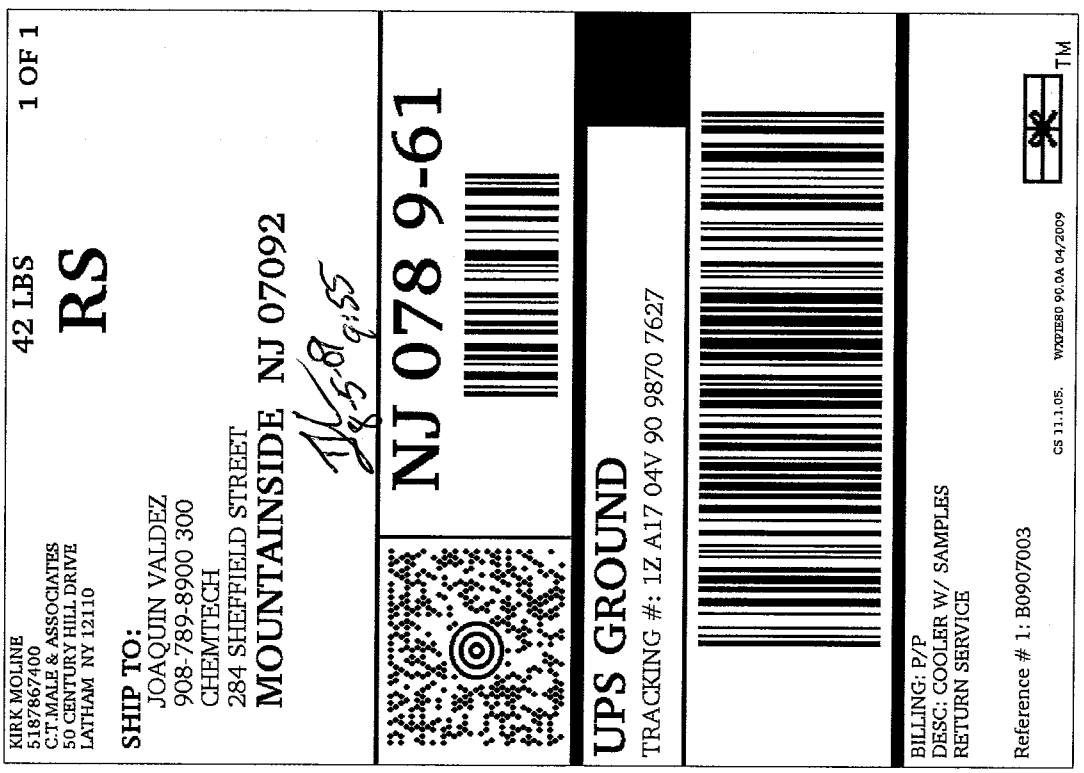
1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

END OF ANALYTICAL RESULTS

DATA PACKAGE

METALS

PROJECT NAME : OLD TROY MUNICIPAL INCINERATOR

C.T. MALE & ASSOCIATES

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 5187867400

ORDER ID : A3816

ATTENTION : Kirk Moline

Table of Contents for A3816(METALS DATA)

METALS DATA 6

METALS SAMPLE DATA 7

METALS CALIBRATION DATA 28

METALS QC DATA 49

METALS PREPARATION & INSTRUMENT DATA 67

METALS RAW DATA 102

SHIPPING AND RECEIVING DOCUMENTATION 719

END OF ANALYTICAL RESULTS.....725

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3816

Project ID : Old Troy Municipal Incinerator

Client : C.T. Male & Associates

Lab Sample Number	Client Sample Number
A3816-01	SBM-7
A3816-02	A3816-01MS
A3816-03	A3816-01MSD
A3816-04	SBM-1
A3816-05	SBM-8
A3816-06	FDSS080309
A3816-07	SBM-2
A3816-08	SBM-11
A3816-09	SBM-12
A3816-10	SBM-4
A3816-11	SBM-3
A3816-12	SBM-5
A3816-13	SBM-9
A3816-14	EB080309
A3816-15	SBM-10
A3816-16	SBM-6
A3816-17	SBM-6-S-2
A3816-18	SBM-3-S-1
A3816-19	SBM-4-S-1
A3816-20	SBM-2-S-3
A3816-21	SBM-9-S-1
A3816-22	SBM-1-S-2

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for METALS-TAL and Mercury.

C. Analytical Techniques:
The analysis of METALS-TAL was based on method 6010 and Mercury was based on method 7470/7471.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples except for Selenium and Zinc.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements except for Iron.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Result Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected.
E	Indicates the reported value is estimated because of the presence of interference.
M	Indicates Duplicate injection precision is not met.
N	Indicates spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*****	Indicates the duplicate analysis is not within control limits.
+	Indicates correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometer **"AS"** for Semi –Automated Spectrophotometer **"C"** for Manual Spectrophotometer **"T"** for Titrimetric analysis **"NR"** for analyte not required to be analyzed
OR	**Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.**

CHEMTECH

METALS

DATA

CHEMTECH

METALS SAMPLE DATA

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1400			P
7440-36-0	Antimony	3.050	U		P
7440-38-2	Arsenic	6.650			P
7440-39-3	Barium	17.9			P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.80			P
7440-70-2	Calcium	1060			P
7440-47-3	Chromium	1.640			P
7440-48-4	Cobalt	7.790			P
7440-50-8	Copper	20.1			P
7439-89-6	Iron	21400			P
7439-92-1	Lead	13.7			P
7439-95-4	Magnesium	362			P
7439-96-5	Manganese	290			P
7439-97-6	Mercury	0.079			CV
7440-02-0	Nickel	20.7			P
7440-09-7	Potassium	271			P
7782-49-2	Selenium	1.220	U	N	P
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	176			P
7440-28-0	Thallium	2.440	U		P
7440-62-2	Vanadium	8.300			P
7440-66-6	Zinc	24.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 73.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1740			P
7440-36-0	Antimony	3.120	U		P
7440-38-2	Arsenic	5.220			P
7440-39-3	Barium	24.2			P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.85			P
7440-70-2	Calcium	1380			P
7440-47-3	Chromium	1.990			P
7440-48-4	Cobalt	8.480			P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	24300			P
7439-92-1	Lead	21.1			P
7439-95-4	Magnesium	389			P
7439-96-5	Manganese	354			P
7439-97-6	Mercury	0.069			CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	374			P
7782-49-2	Selenium	1.250	U	N	P
7440-22-4	Silver	0.62	U		P
7440-23-5	Sodium	125	U		P
7440-28-0	Thallium	2.500	U		P
7440-62-2	Vanadium	9.680			P
7440-66-6	Zinc	24.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6610			P
7440-36-0	Antimony	3.220	U		P
7440-38-2	Arsenic	3.260			P
7440-39-3	Barium	60.0			P
7440-41-7	Beryllium	0.44			P
7440-43-9	Cadmium	0.49			P
7440-70-2	Calcium	630			P
7440-47-3	Chromium	5.770			P
7440-48-4	Cobalt	4.620			P
7440-50-8	Copper	9.640			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	19.7			P
7439-95-4	Magnesium	1090			P
7439-96-5	Manganese	198			P
7439-97-6	Mercury	0.074			CV
7440-02-0	Nickel	12.6			P
7440-09-7	Potassium	266			P
7782-49-2	Selenium	1.290	U	N	P
7440-22-4	Silver	0.64	U		P
7440-23-5	Sodium	138			P
7440-28-0	Thallium	2.580	U		P
7440-62-2	Vanadium	13.2			P
7440-66-6	Zinc	40.9		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1470			P
7440-36-0	Antimony	3.130	U		P
7440-38-2	Arsenic	4.380			P
7440-39-3	Barium	20.1			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.67			P
7440-70-2	Calcium	998			P
7440-47-3	Chromium	1.830			P
7440-48-4	Cobalt	7.220			P
7440-50-8	Copper	23.1			P
7439-89-6	Iron	22700			P
7439-92-1	Lead	16.6			P
7439-95-4	Magnesium	263			P
7439-96-5	Manganese	278			P
7439-97-6	Mercury	0.067			CV
7440-02-0	Nickel	14.5			P
7440-09-7	Potassium	310			P
7782-49-2	Selenium	1.250	U	N	P
7440-22-4	Silver	0.63	U		P
7440-23-5	Sodium	125	U		P
7440-28-0	Thallium	2.500	U		P
7440-62-2	Vanadium	8.400			P
7440-66-6	Zinc	20.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4370			P
7440-36-0	Antimony	3.020	U		P
7440-38-2	Arsenic	3.760			P
7440-39-3	Barium	64.8			P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.36			P
7440-70-2	Calcium	637			P
7440-47-3	Chromium	4.470			P
7440-48-4	Cobalt	3.850			P
7440-50-8	Copper	13.1			P
7439-89-6	Iron	13500			P
7439-92-1	Lead	20.3			P
7439-95-4	Magnesium	1040			P
7439-96-5	Manganese	252			P
7439-97-6	Mercury	0.074			CV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	271			P
7782-49-2	Selenium	1.210	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	123			P
7440-28-0	Thallium	2.420	U		P
7440-62-2	Vanadium	9.250			P
7440-66-6	Zinc	33.7		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 79.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2130			P
7440-36-0	Antimony	2.880	U		P
7440-38-2	Arsenic	5.970			P
7440-39-3	Barium	34.6			P
7440-41-7	Beryllium	0.46			P
7440-43-9	Cadmium	2.350			P
7440-70-2	Calcium	4280			P
7440-47-3	Chromium	2.060			P
7440-48-4	Cobalt	7.650			P
7440-50-8	Copper	20.4			P
7439-89-6	Iron	37000			P
7439-92-1	Lead	22.6			P
7439-95-4	Magnesium	2030			P
7439-96-5	Manganese	302			P
7439-97-6	Mercury	0.079			CV
7440-02-0	Nickel	18.6			P
7440-09-7	Potassium	332			P
7782-49-2	Selenium	1.150	U	N	P
7440-22-4	Silver	0.58	U		P
7440-23-5	Sodium	115	U		P
7440-28-0	Thallium	2.310	U		P
7440-62-2	Vanadium	7.460			P
7440-66-6	Zinc	135		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 86.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2700			P
7440-36-0	Antimony	2.030	U		P
7440-38-2	Arsenic	7.650			P
7440-39-3	Barium	36.7			P
7440-41-7	Beryllium	0.34			P
7440-43-9	Cadmium	0.96			P
7440-70-2	Calcium	322			P
7440-47-3	Chromium	2.830			P
7440-48-4	Cobalt	5.550			P
7440-50-8	Copper	18.4			P
7439-89-6	Iron	17600			P
7439-92-1	Lead	20.1			P
7439-95-4	Magnesium	443			P
7439-96-5	Manganese	141			P
7439-97-6	Mercury	0.101			CV
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	334			P
7782-49-2	Selenium	0.81	U	N	P
7440-22-4	Silver	0.41	U		P
7440-23-5	Sodium	84.5			P
7440-28-0	Thallium	1.620	U		P
7440-62-2	Vanadium	6.880			P
7440-66-6	Zinc	75.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 75.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4660			P
7440-36-0	Antimony	2.980	U		P
7440-38-2	Arsenic	8.980			P
7440-39-3	Barium	63.0			P
7440-41-7	Beryllium	0.47			P
7440-43-9	Cadmium	0.93			P
7440-70-2	Calcium	1210			P
7440-47-3	Chromium	3.130			P
7440-48-4	Cobalt	3.420			P
7440-50-8	Copper	14.6			P
7439-89-6	Iron	24100			P
7439-92-1	Lead	23.7			P
7439-95-4	Magnesium	408			P
7439-96-5	Manganese	135			P
7439-97-6	Mercury	0.091			CV
7440-02-0	Nickel	10.1			P
7440-09-7	Potassium	411			P
7782-49-2	Selenium	1.190	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	128			P
7440-28-0	Thallium	2.380	U		P
7440-62-2	Vanadium	11.9			P
7440-66-6	Zinc	34.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 80.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2840			P
7440-36-0	Antimony	2.300	U		P
7440-38-2	Arsenic	4.300			P
7440-39-3	Barium	114			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	0.58			P
7440-70-2	Calcium	621			P
7440-47-3	Chromium	2.770			P
7440-48-4	Cobalt	4.630			P
7440-50-8	Copper	15.6			P
7439-89-6	Iron	11600			P
7439-92-1	Lead	19.7			P
7439-95-4	Magnesium	434			P
7439-96-5	Manganese	562			P
7439-97-6	Mercury	0.058			CV
7440-02-0	Nickel	10.4			P
7440-09-7	Potassium	335			P
7782-49-2	Selenium	0.92	U	N	P
7440-22-4	Silver	0.46	U		P
7440-23-5	Sodium	94.8			P
7440-28-0	Thallium	1.840	U		P
7440-62-2	Vanadium	6.510			P
7440-66-6	Zinc	42.0		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3510			P
7440-36-0	Antimony	2.480	U		P
7440-38-2	Arsenic	2.180			P
7440-39-3	Barium	63.8			P
7440-41-7	Beryllium	0.50			P
7440-43-9	Cadmium	1.000			P
7440-70-2	Calcium	1590			P
7440-47-3	Chromium	6.740			P
7440-48-4	Cobalt	11.2			P
7440-50-8	Copper	12.0			P
7439-89-6	Iron	16200			P
7439-92-1	Lead	26.1			P
7439-95-4	Magnesium	2340			P
7439-96-5	Manganese	337			P
7439-97-6	Mercury	0.064			CV
7440-02-0	Nickel	20.9			P
7440-09-7	Potassium	799			P
7782-49-2	Selenium	0.99	U	N	P
7440-22-4	Silver	0.50	U		P
7440-23-5	Sodium	99.1	U		P
7440-28-0	Thallium	1.980	U		P
7440-62-2	Vanadium	10.7			P
7440-66-6	Zinc	34.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 84.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6070			P
7440-36-0	Antimony	2.440	U		P
7440-38-2	Arsenic	3.740			P
7440-39-3	Barium	70.5			P
7440-41-7	Beryllium	0.36			P
7440-43-9	Cadmium	0.75			P
7440-70-2	Calcium	1410			P
7440-47-3	Chromium	9.020			P
7440-48-4	Cobalt	7.220			P
7440-50-8	Copper	21.3			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	85.6			P
7439-95-4	Magnesium	3030			P
7439-96-5	Manganese	386			P
7439-97-6	Mercury	0.200			CV
7440-02-0	Nickel	15.0			P
7440-09-7	Potassium	507			P
7782-49-2	Selenium	0.97	U	N	P
7440-22-4	Silver	0.49	U		P
7440-23-5	Sodium	103			P
7440-28-0	Thallium	1.950	U		P
7440-62-2	Vanadium	11.0			P
7440-66-6	Zinc	62.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	50.0	U		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	1000	U		P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	1000	U		P
7439-96-5	Manganese	10.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	1000	U		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	1000	U		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110			P
7440-36-0	Antimony	2.530	U		P
7440-38-2	Arsenic	4.790			P
7440-39-3	Barium	71.6			P
7440-41-7	Beryllium	0.35			P
7440-43-9	Cadmium	0.60			P
7440-70-2	Calcium	1120			P
7440-47-3	Chromium	7.100			P
7440-48-4	Cobalt	5.920			P
7440-50-8	Copper	21.5			P
7439-89-6	Iron	15200			P
7439-92-1	Lead	46.8			P
7439-95-4	Magnesium	2060			P
7439-96-5	Manganese	330			P
7439-97-6	Mercury	0.140			CV
7440-02-0	Nickel	13.5			P
7440-09-7	Potassium	465			P
7782-49-2	Selenium	1.010	U	N	P
7440-22-4	Silver	0.51	U		P
7440-23-5	Sodium	107			P
7440-28-0	Thallium	2.030	U		P
7440-62-2	Vanadium	10.2			P
7440-66-6	Zinc	50.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7890			P
7440-36-0	Antimony	2.250	U		P
7440-38-2	Arsenic	6.120			P
7440-39-3	Barium	139			P
7440-41-7	Beryllium	0.56			P
7440-43-9	Cadmium	1.620			P
7440-70-2	Calcium	4320			P
7440-47-3	Chromium	11.4			P
7440-48-4	Cobalt	10.5			P
7440-50-8	Copper	30.5			P
7439-89-6	Iron	22100			P
7439-92-1	Lead	82.9			P
7439-95-4	Magnesium	3590			P
7439-96-5	Manganese	904			P
7439-97-6	Mercury	0.134			CV
7440-02-0	Nickel	23.6			P
7440-09-7	Potassium	644			P
7782-49-2	Selenium	0.90	U	N	P
7440-22-4	Silver	0.45	U		P
7440-23-5	Sodium	204			P
7440-28-0	Thallium	1.800	U		P
7440-62-2	Vanadium	14.0			P
7440-66-6	Zinc	104		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5660			P
7440-36-0	Antimony	2.800	U		P
7440-38-2	Arsenic	4.600			P
7440-39-3	Barium	63.5			P
7440-41-7	Beryllium	0.45			P
7440-43-9	Cadmium	0.64			P
7440-70-2	Calcium	1480			P
7440-47-3	Chromium	6.260			P
7440-48-4	Cobalt	6.350			P
7440-50-8	Copper	17.1			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	16.8			P
7439-95-4	Magnesium	1540			P
7439-96-5	Manganese	197			P
7439-97-6	Mercury	0.090			CV
7440-02-0	Nickel	14.5			P
7440-09-7	Potassium	377			P
7782-49-2	Selenium	1.120	U	N	P
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium	118			P
7440-28-0	Thallium	2.240	U		P
7440-62-2	Vanadium	11.5			P
7440-66-6	Zinc	43.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 84.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5180			P
7440-36-0	Antimony	2.700	U		P
7440-38-2	Arsenic	4.120			P
7440-39-3	Barium	47.7			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	0.57			P
7440-70-2	Calcium	752			P
7440-47-3	Chromium	5.250			P
7440-48-4	Cobalt	5.400			P
7440-50-8	Copper	14.1			P
7439-89-6	Iron	16900			P
7439-92-1	Lead	11.8			P
7439-95-4	Magnesium	1010			P
7439-96-5	Manganese	232			P
7439-97-6	Mercury	0.038			CV
7440-02-0	Nickel	10.6			P
7440-09-7	Potassium	352			P
7782-49-2	Selenium	1.080	U	N	P
7440-22-4	Silver	0.54	U		P
7440-23-5	Sodium	108	U		P
7440-28-0	Thallium	2.160	U		P
7440-62-2	Vanadium	11.4			P
7440-66-6	Zinc	47.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3210			P
7440-36-0	Antimony	2.820	U		P
7440-38-2	Arsenic	10.5			P
7440-39-3	Barium	50.4			P
7440-41-7	Beryllium	0.56			P
7440-43-9	Cadmium	1.920			P
7440-70-2	Calcium	452			P
7440-47-3	Chromium	2.000			P
7440-48-4	Cobalt	3.700			P
7440-50-8	Copper	14.8			P
7439-89-6	Iron	33400			P
7439-92-1	Lead	24.0			P
7439-95-4	Magnesium	231			P
7439-96-5	Manganese	144			P
7439-97-6	Mercury	0.033			CV
7440-02-0	Nickel	10.8			P
7440-09-7	Potassium	370			P
7782-49-2	Selenium	1.130	U	N	P
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium	113	U		P
7440-28-0	Thallium	2.260	U		P
7440-62-2	Vanadium	15.0			P
7440-66-6	Zinc	16.6		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8080			P
7440-36-0	Antimony	2.430	U		P
7440-38-2	Arsenic	3.990			P
7440-39-3	Barium	33.9			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	0.72			P
7440-70-2	Calcium	278			P
7440-47-3	Chromium	7.990			P
7440-48-4	Cobalt	8.820			P
7440-50-8	Copper	17.6			P
7439-89-6	Iron	19000			P
7439-92-1	Lead	11.5			P
7439-95-4	Magnesium	2200			P
7439-96-5	Manganese	324			P
7439-97-6	Mercury	0.045			CV
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	392			P
7782-49-2	Selenium	0.97	U	N	P
7440-22-4	Silver	0.49	U		P
7440-23-5	Sodium	103			P
7440-28-0	Thallium	1.940	U		P
7440-62-2	Vanadium	12.1			P
7440-66-6	Zinc	39.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 86.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8650			P
7440-36-0	Antimony	2.740	U		P
7440-38-2	Arsenic	4.130			P
7440-39-3	Barium	36.6			P
7440-41-7	Beryllium	0.46			P
7440-43-9	Cadmium	0.74			P
7440-70-2	Calcium	743			P
7440-47-3	Chromium	9.500			P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	15.9			P
7439-89-6	Iron	20200			P
7439-92-1	Lead	12.7			P
7439-95-4	Magnesium	2870			P
7439-96-5	Manganese	454			P
7439-97-6	Mercury	0.035			CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	428			P
7782-49-2	Selenium	1.090	U	N	P
7440-22-4	Silver	0.55	U		P
7440-23-5	Sodium	109	U		P
7440-28-0	Thallium	2.190	U		P
7440-62-2	Vanadium	12.9			P
7440-66-6	Zinc	41.6		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 78.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1690			P
7440-36-0	Antimony	3.190	U		P
7440-38-2	Arsenic	7.100			P
7440-39-3	Barium	38.6			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	1.520			P
7440-70-2	Calcium	3490			P
7440-47-3	Chromium	2.250			P
7440-48-4	Cobalt	11.8			P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	25400			P
7439-92-1	Lead	13.6			P
7439-95-4	Magnesium	1620			P
7439-96-5	Manganese	520			P
7439-97-6	Mercury	0.055			CV
7440-02-0	Nickel	22.3			P
7440-09-7	Potassium	311			P
7782-49-2	Selenium	1.280	U	N	P
7440-22-4	Silver	0.64	U		P
7440-23-5	Sodium	128	U		P
7440-28-0	Thallium	2.550	U		P
7440-62-2	Vanadium	9.210			P
7440-66-6	Zinc	18.7		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

CHEMTECH

METALS CALIBRATION DATA

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	2521.0	2286.50	90.7	10000.0	9198.40	92.0	9394.60	93.9	P
Antimony	994.0	926.72	93.2	5000.0	4803.20	96.1	4983.50	99.7	P
Arsenic	999.0	943.54	94.4	5000.0	4857.90	97.2	5051.00	101.0	P
Barium	503.0	505.74	100.5	10000.0	9616.60	96.2	9840.20	98.4	P
Beryllium	495.0	484.51	97.9	250.0	237.62	95.0	238.72	95.5	P
Cadmium	496.0	484.75	97.7	2500.0	2409.80	96.4	2373.60	94.9	P
Calcium	10026.0	9913.80	98.9	25000.0	23856.00	95.4	23754.00	95.0	P
Chromium	490.0	487.59	99.5	1000.0	969.44	96.9	950.55	95.1	P
Cobalt	499.0	472.92	94.8	2500.0	2393.60	95.7	2372.20	94.9	P
Copper	492.0	470.98	95.7	1250.0	1181.00	94.5	1173.80	93.9	P
Iron	5082.0	4992.30	98.2	5000.0	4777.00	95.5	4809.80	96.2	P
Lead	1002.0	921.13	91.9	5000.0	4749.00	95.0	4697.20	93.9	P
Magnesium	6074.0	5844.30	96.2	25000.0	23641.00	94.6	23484.00	93.9	P
Manganese	499.0	494.44	99.1	2500.0	2406.80	96.3	2391.00	95.6	P
Mercury	4.0	4.32	108.0	5.0	5.04	100.8	5.10	102.0	CV
Nickel	503.0	474.50	94.3	2500.0	2409.60	96.4	2391.20	95.6	P
Potassium	10021.0	9664.00	96.4	25000.0	23849.00	95.4	24650.00	98.6	P
Selenium	1003.0	927.81	92.5	5000.0	4771.00	95.4	5015.20	100.3	P
Silver	501.0	453.46	90.5	1250.0	1188.80	95.1	1185.10	94.8	P
Sodium	10097.0	9587.80	95.0	25000.0	23607.00	94.4	24467.00	97.9	P
Thallium	1003.0	913.03	91.0	5000.0	4670.30	93.4	4649.90	93.0	P
Vanadium	501.0	487.06	97.2	2500.0	2357.20	94.3	2336.70	93.5	P
Zinc	1025.0	1011.80	98.7	2500.0	2370.70	94.8	2365.00	94.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9352.60	93.5	9064.40	90.6	P
Antimony				5000.0	4889.30	97.8	4903.50	98.1	P
Arsenic				5000.0	4972.50	99.4	5014.60	100.3	P
Barium				10000.0	9820.70	98.2	9625.00	96.2	P
Beryllium				250.0	244.65	97.9	237.44	95.0	P
Cadmium				2500.0	2413.90	96.6	2407.10	96.3	P
Calcium				25000.0	24284.00	97.1	23654.00	94.6	P
Chromium				1000.0	970.04	97.0	970.36	97.0	P
Cobalt				2500.0	2404.30	96.2	2393.50	95.7	P
Copper				1250.0	1188.60	95.1	1163.80	93.1	P
Iron				5000.0	4845.20	96.9	4762.00	95.2	P
Lead				5000.0	4733.70	94.7	4729.00	94.6	P
Magnesium				25000.0	23885.00	95.5	23261.00	93.0	P
Manganese				2500.0	2425.70	97.0	2394.20	95.8	P
Mercury				5.0	5.12	102.4	5.09	101.8	CV
Nickel				2500.0	2422.10	96.9	2427.50	97.1	P
Potassium				25000.0	24134.00	96.5	23902.00	95.6	P
Selenium				5000.0	4897.30	97.9	4923.40	98.5	P
Silver				1250.0	1189.70	95.2	1195.90	95.7	P
Sodium				25000.0	24181.00	96.7	23550.00	94.2	P
Thallium				5000.0	4668.60	93.4	4625.70	92.5	P
Vanadium				2500.0	2389.20	95.6	2304.60	92.2	P
Zinc				2500.0	2400.00	96.0	2325.40	93.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9045.80	90.5	9321.10	93.2	P
Antimony				5000.0	4960.40	99.2	5026.30	100.5	P
Arsenic				5000.0	5078.70	101.6	5086.20	101.7	P
Barium				10000.0	9544.00	95.4	9928.00	99.3	P
Beryllium				250.0	235.54	94.2	239.13	95.7	P
Cadmium				2500.0	2411.70	96.5	2419.00	96.8	P
Calcium				25000.0	23636.00	94.5	23841.00	95.4	P
Chromium				1000.0	966.99	96.7	947.00	94.7	P
Cobalt				2500.0	2394.90	95.8	2406.30	96.3	P
Copper				1250.0	1166.00	93.3	1190.40	95.2	P
Iron				5000.0	4814.80	96.3	4901.50	98.0	P
Lead				5000.0	4759.20	95.2	4794.60	95.9	P
Magnesium				25000.0	23483.00	93.9	23922.00	95.7	P
Manganese				2500.0	2417.60	96.7	2438.70	97.5	P
Mercury				5.0	5.04	100.8	5.04	100.8	CV
Nickel				2500.0	2422.30	96.9	2401.40	96.1	P
Potassium				25000.0	24286.00	97.1	24839.00	99.4	P
Selenium				5000.0	4992.40	99.8	5164.60	103.3	P
Silver				1250.0	1203.00	96.2	1187.20	95.0	P
Sodium				25000.0	23726.00	94.9	24491.00	98.0	P
Thallium				5000.0	4690.50	93.8	4800.00	96.0	P
Vanadium				2500.0	2295.90	91.8	2372.20	94.9	P
Zinc				2500.0	2278.30	91.1	2407.30	96.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9350.60	93.5	9252.00	92.5	P
Antimony				5000.0	4951.50	99.0	4941.00	98.8	P
Arsenic				5000.0	4995.80	99.9	4995.10	99.9	P
Barium				10000.0	9969.80	99.7	9886.90	98.9	P
Beryllium				250.0	236.42	94.6	238.14	95.3	P
Cadmium				2500.0	2391.50	95.7	2399.20	96.0	P
Calcium				25000.0	23798.00	95.2	23789.00	95.2	P
Chromium				1000.0	946.27	94.6	940.18	94.0	P
Cobalt				2500.0	2382.30	95.3	2386.50	95.5	P
Copper				1250.0	1185.40	94.8	1181.20	94.5	P
Iron				5000.0	4893.80	97.9	4859.70	97.2	P
Lead				5000.0	4735.20	94.7	4740.70	94.8	P
Magnesium				25000.0	23833.00	95.3	23844.00	95.4	P
Manganese				2500.0	2429.70	97.2	2428.50	97.1	P
Mercury				5.0	4.93	98.6	5.02	100.4	CV
Nickel				2500.0	2385.40	95.4	2388.70	95.5	P
Potassium				25000.0	24831.00	99.3	24595.00	98.4	P
Selenium				5000.0	5030.60	100.6	5043.10	100.9	P
Silver				1250.0	1183.00	94.6	1169.30	93.5	P
Sodium				25000.0	24526.00	98.1	24236.00	96.9	P
Thallium				5000.0	4740.20	94.8	4739.40	94.8	P
Vanadium				2500.0	2378.40	95.1	2372.10	94.9	P
Zinc				2500.0	2379.00	95.2	2389.30	95.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9533.50	95.3	9792.30	97.9	P
Antimony				5000.0	4956.80	99.1	4943.40	98.9	P
Arsenic				5000.0	5011.20	100.2	4995.80	99.9	P
Barium				10000.0	10151.00	101.5	9992.50	99.9	P
Beryllium				250.0	242.09	96.8	249.21	99.7	P
Cadmium				2500.0	2398.00	95.9	2397.90	95.9	P
Calcium				25000.0	24146.00	96.6	24104.00	96.4	P
Chromium				1000.0	938.96	93.9	973.42	97.3	P
Cobalt				2500.0	2390.60	95.6	2385.20	95.4	P
Copper				1250.0	1202.30	96.2	1231.00	98.5	P
Iron				5000.0	4949.60	99.0	4907.20	98.1	P
Lead				5000.0	4731.70	94.6	4741.50	94.8	P
Magnesium				25000.0	24143.00	96.6	24221.00	96.9	P
Manganese				2500.0	2435.30	97.4	2449.60	98.0	P
Mercury				5.0	5.14	102.8	5.06	101.2	CV
Nickel				2500.0	2380.10	95.2	2372.80	94.9	P
Potassium				25000.0	24868.00	99.5	25104.00	100.4	P
Selenium				5000.0	5117.60	102.4	5110.70	102.2	P
Silver				1250.0	1175.20	94.0	1209.90	96.8	P
Sodium				25000.0	24754.00	99.0	24714.00	98.9	P
Thallium				5000.0	4753.80	95.1	4773.00	95.5	P
Vanadium				2500.0	2427.50	97.1	2501.90	100.1	P
Zinc				2500.0	2444.60	97.8	2502.40	100.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9621.90	96.2			P
Antimony				5000.0	4906.30	98.1			P
Arsenic				5000.0	4980.20	99.6			P
Barium				10000.0	9896.20	99.0			P
Beryllium				250.0	244.76	97.9			P
Cadmium				2500.0	2385.10	95.4			P
Calcium				25000.0	23797.00	95.2			P
Chromium				1000.0	963.98	96.4			P
Cobalt				2500.0	2367.40	94.7			P
Copper				1250.0	1210.20	96.8			P
Iron				5000.0	4859.10	97.2			P
Lead				5000.0	4717.90	94.4			P
Magnesium				25000.0	23872.00	95.5			P
Manganese				2500.0	2427.80	97.1			P
Mercury				5.0	5.22	104.4	5.19	103.8	CV
Nickel				2500.0	2360.60	94.4			P
Potassium				25000.0	24861.00	99.4			P
Selenium				5000.0	5043.00	100.9			P
Silver				1250.0	1204.70	96.4			P
Sodium				25000.0	24324.00	97.3			P
Thallium				5000.0	4741.30	94.8			P
Vanadium				2500.0	2447.60	97.9			P
Zinc				2500.0	2473.80	99.0			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.06	101.2	5.15	103.0	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	2521.0	2383.20	94.5	10000.0	9832.40	98.3	9387.00	93.9	P
Antimony	994.0	1010.70	101.7	5000.0	5069.30	101.4	4878.50	97.6	P
Arsenic	999.0	1038.00	103.9	5000.0	5095.30	101.9	4963.30	99.3	P
Barium	503.0	541.70	107.7	10000.0	10255.00	102.6	9714.40	97.1	P
Beryllium	495.0	510.14	103.1	250.0	250.07	100.0	243.75	97.5	P
Cadmium	496.0	531.41	107.1	2500.0	2470.40	98.8	2465.70	98.6	P
Calcium	10026.0	10548.00	105.2	25000.0	24810.00	99.2	24294.00	97.2	P
Chromium	490.0	511.67	104.4	1000.0	986.49	98.6	980.41	98.0	P
Cobalt	499.0	515.30	103.3	2500.0	2464.70	98.6	2459.70	98.4	P
Copper	492.0	501.96	102.0	1250.0	1235.40	98.8	1185.30	94.8	P
Iron	5082.0	5344.90	105.2	5000.0	5018.90	100.4	4847.60	97.0	P
Lead	1002.0	1009.50	100.7	5000.0	4893.90	97.9	4858.00	97.2	P
Magnesium	6074.0	6226.30	102.5	25000.0	24753.00	99.0	23826.00	95.3	P
Manganese	499.0	530.25	106.3	2500.0	2512.10	100.5	2438.50	97.5	P
Mercury	4.0	4.20	105.0	5.0	5.01	100.2	5.00	100.0	CV
Nickel	503.0	518.90	103.2	2500.0	2475.60	99.0	2484.00	99.4	P
Potassium	10021.0	10439.00	104.2	25000.0	25335.00	101.3	24307.00	97.2	P
Selenium	1003.0	1009.50	100.6	5000.0	5135.80	102.7	4886.70	97.7	P
Silver	501.0	475.91	95.0	1250.0	1238.40	99.1	1225.20	98.0	P
Sodium	10097.0	10351.00	102.5	25000.0	25408.00	101.6	24317.00	97.3	P
Thallium	1003.0	989.48	98.7	5000.0	4863.00	97.3	4756.70	95.1	P
Vanadium	501.0	511.78	102.2	2500.0	2461.80	98.5	2343.90	93.8	P
Zinc	1025.0	1034.00	100.9	2500.0	2468.30	98.7	2369.40	94.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9274.30	92.7	9658.10	96.6	P
Antimony				5000.0	4840.00	96.8	5008.50	100.2	P
Arsenic				5000.0	4918.30	98.4	5042.80	100.9	P
Barium				10000.0	9626.70	96.3	9573.40	95.7	P
Beryllium				250.0	241.23	96.5	241.67	96.7	P
Cadmium				2500.0	2433.30	97.3	2394.50	95.8	P
Calcium				25000.0	24014.00	96.1	23049.00	92.2	P
Chromium				1000.0	971.01	97.1	971.94	97.2	P
Cobalt				2500.0	2438.80	97.6	2419.70	96.8	P
Copper				1250.0	1177.20	94.2	1191.90	95.4	P
Iron				5000.0	4765.70	95.3	4666.50	93.3	P
Lead				5000.0	4804.00	96.1	4788.40	95.8	P
Magnesium				25000.0	23491.00	94.0	23002.00	92.0	P
Manganese				2500.0	2410.20	96.4	2330.50	93.2	P
Mercury				5.0	5.01	100.2	4.92	98.4	CV
Nickel				2500.0	2466.70	98.7	2434.10	97.4	P
Potassium				25000.0	24157.00	96.6	24226.00	96.9	P
Selenium				5000.0	4827.10	96.5	5116.00	102.3	P
Silver				1250.0	1221.60	97.7	1238.20	99.1	P
Sodium				25000.0	24223.00	96.9	24556.00	98.2	P
Thallium				5000.0	4706.30	94.1	4762.80	95.3	P
Vanadium				2500.0	2309.40	92.4	2364.50	94.6	P
Zinc				2500.0	2319.10	92.8	2362.50	94.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9613.10	96.1	9423.40	94.2	P
Antimony				5000.0	4784.60	95.7	4688.70	93.8	P
Arsenic				5000.0	4847.40	96.9	4769.60	95.4	P
Barium				10000.0	9985.10	99.9	9559.30	95.6	P
Beryllium				250.0	251.55	100.6	248.11	99.2	P
Cadmium				2500.0	2473.00	98.9	2476.20	99.0	P
Calcium				25000.0	25142.00	100.6	24791.00	99.2	P
Chromium				1000.0	1000.60	100.1	1006.70	100.7	P
Cobalt				2500.0	2478.60	99.1	2470.70	98.8	P
Copper				1250.0	1212.50	97.0	1189.60	95.2	P
Iron				5000.0	4883.50	97.7	4768.60	95.4	P
Lead				5000.0	4862.50	97.2	4860.80	97.2	P
Magnesium				25000.0	24285.00	97.1	23750.00	95.0	P
Manganese				2500.0	2455.30	98.2	2408.20	96.3	P
Nickel				2500.0	2491.50	99.7	2499.20	100.0	P
Potassium				25000.0	24355.00	97.4	23712.00	94.8	P
Selenium				5000.0	4755.10	95.1	4649.80	93.0	P
Silver				1250.0	1225.30	98.0	1225.10	98.0	P
Sodium				25000.0	24789.00	99.2	23991.00	96.0	P
Thallium				5000.0	4751.00	95.0	4715.00	94.3	P
Vanadium				2500.0	2438.30	97.5	2389.70	95.6	P
Zinc				2500.0	2434.60	97.4	2372.10	94.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9426.30	94.3	9575.10	95.8	P
Antimony				5000.0	4660.80	93.2	4648.70	93.0	P
Arsenic				5000.0	4738.40	94.8	4719.00	94.4	P
Barium				10000.0	9575.30	95.8	9765.20	97.7	P
Beryllium				250.0	247.48	99.0	251.59	100.6	P
Cadmium				2500.0	2444.00	97.8	2474.00	99.0	P
Calcium				25000.0	24787.00	99.1	25136.00	100.5	P
Chromium				1000.0	1006.30	100.6	1011.00	101.1	P
Cobalt				2500.0	2437.40	97.5	2467.90	98.7	P
Copper				1250.0	1186.10	94.9	1202.30	96.2	P
Iron				5000.0	4776.90	95.5	4808.10	96.2	P
Lead				5000.0	4794.10	95.9	4842.60	96.9	P
Magnesium				25000.0	23802.00	95.2	24091.00	96.4	P
Manganese				2500.0	2409.70	96.4	2425.70	97.0	P
Nickel				2500.0	2465.10	98.6	2492.70	99.7	P
Potassium				25000.0	23644.00	94.6	23960.00	95.8	P
Selenium				5000.0	4594.50	91.9	4572.90	91.5	P
Silver				1250.0	1222.20	97.8	1224.40	98.0	P
Sodium				25000.0	23976.00	95.9	24509.00	98.0	P
Thallium				5000.0	4648.60	93.0	4725.20	94.5	P
Vanadium				2500.0	2384.70	95.4	2436.90	97.5	P
Zinc				2500.0	2382.20	95.3	2428.20	97.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9462.60	94.6	9582.50	95.8	P
Antimony				5000.0	4703.90	94.1	4751.20	95.0	P
Arsenic				5000.0	4793.10	95.9	4836.00	96.7	P
Barium				10000.0	9730.80	97.3	9849.80	98.5	P
Beryllium				250.0	248.11	99.2	249.75	99.9	P
Cadmium				2500.0	2460.90	98.4	2473.10	98.9	P
Calcium				25000.0	24741.00	99.0	24934.00	99.7	P
Chromium				1000.0	999.12	99.9	1001.40	100.1	P
Cobalt				2500.0	2455.70	98.2	2470.30	98.8	P
Copper				1250.0	1189.30	95.1	1199.60	96.0	P
Iron				5000.0	4788.20	95.8	4816.40	96.3	P
Lead				5000.0	4843.90	96.9	4854.20	97.1	P
Magnesium				25000.0	23872.00	95.5	24065.00	96.3	P
Manganese				2500.0	2413.50	96.5	2426.10	97.0	P
Nickel				2500.0	2486.70	99.5	2499.90	100.0	P
Potassium				25000.0	24050.00	96.2	24134.00	96.5	P
Selenium				5000.0	4659.70	93.2	4716.40	94.3	P
Silver				1250.0	1222.10	97.8	1227.00	98.2	P
Sodium				25000.0	24322.00	97.3	24540.00	98.2	P
Thallium				5000.0	4707.20	94.1	4737.50	94.8	P
Vanadium				2500.0	2389.70	95.6	2412.90	96.5	P
Zinc				2500.0	2406.90	96.3	2406.90	96.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9466.20	94.7	9549.60	95.5	P
Antimony				5000.0	4673.50	93.5	4776.50	95.5	P
Arsenic				5000.0	4758.60	95.2	4867.80	97.4	P
Barium				10000.0	9649.90	96.5	9818.90	98.2	P
Beryllium				250.0	248.20	99.3	250.79	100.3	P
Cadmium				2500.0	2452.30	98.1	2451.80	98.1	P
Calcium				25000.0	24752.00	99.0	24826.00	99.3	P
Chromium				1000.0	1000.60	100.1	989.71	99.0	P
Cobalt				2500.0	2452.90	98.1	2449.50	98.0	P
Copper				1250.0	1180.70	94.5	1190.00	95.2	P
Iron				5000.0	4745.70	94.9	4783.20	95.7	P
Lead				5000.0	4803.10	96.1	4811.60	96.2	P
Magnesium				25000.0	23633.00	94.5	23949.00	95.8	P
Manganese				2500.0	2397.40	95.9	2419.40	96.8	P
Nickel				2500.0	2490.20	99.6	2472.00	98.9	P
Potassium				25000.0	23916.00	95.7	24079.00	96.3	P
Selenium				5000.0	4599.40	92.0	4770.00	95.4	P
Silver				1250.0	1219.80	97.6	1214.50	97.2	P
Sodium				25000.0	24454.00	97.8	24542.00	98.2	P
Thallium				5000.0	4677.60	93.6	4717.40	94.3	P
Vanadium				2500.0	2392.10	95.7	2409.20	96.4	P
Zinc				2500.0	2361.20	94.4	2424.40	97.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9562.00	95.6	9763.10	97.6	P
Antimony				5000.0	4646.40	92.9	4837.20	96.7	P
Arsenic				5000.0	4723.60	94.5	4906.30	98.1	P
Barium				10000.0	9481.30	94.8	9803.50	98.0	P
Beryllium				250.0	249.79	99.9	255.75	102.3	P
Cadmium				2500.0	2372.40	94.9	2407.90	96.3	P
Calcium				25000.0	24185.00	96.7	24712.00	98.8	P
Chromium				1000.0	1008.30	100.8	986.58	98.7	P
Cobalt				2500.0	2393.30	95.7	2426.80	97.1	P
Copper				1250.0	1187.30	95.0	1203.50	96.3	P
Iron				5000.0	4629.40	92.6	4736.60	94.7	P
Lead				5000.0	4687.00	93.7	4754.30	95.1	P
Magnesium				25000.0	23179.00	92.7	23868.00	95.5	P
Manganese				2500.0	2341.80	93.7	2374.10	95.0	P
Nickel				2500.0	2428.80	97.2	2441.20	97.6	P
Potassium				25000.0	23591.00	94.4	24084.00	96.3	P
Selenium				5000.0	4651.00	93.0	4916.60	98.3	P
Silver				1250.0	1238.60	99.1	1210.50	96.8	P
Sodium				25000.0	24097.00	96.4	24948.00	99.8	P
Thallium				5000.0	4575.70	91.5	4679.60	93.6	P
Vanadium				2500.0	2374.00	95.0	2451.00	98.0	P
Zinc				2500.0	2348.60	93.9	2404.30	96.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum	400.0	316.43	79.1		
Antimony	200.0	187.09	93.5		
Arsenic	200.0	189.42	94.7		
Barium	400.0	392.14	98.0		
Beryllium	10.0	9.47	94.7		
Cadmium	100.0	98.25	98.2		
Calcium	1000.0	967.82 U	96.78		
Chromium	40.0	38.49	96.2		
Cobalt	100.0	95.12	95.1		
Copper	50.0	45.43	90.9		
Iron	200.0	192.610	96.30		
Lead	200.0	179.35	89.7		
Magnesium	1000.0	953.88 U	95.38		
Manganese	100.0	99.39	99.4		
Mercury	0.2	0.26	130.0		
Nickel	100.0	94.38	94.4		
Potassium	1000.0	970.93 U	97.10		
Selenium	200.0	186.34	93.2		
Silver	50.0	43.73	87.5		
Sodium	1000.0	955.06 U	95.50		
Thallium	200.0	175.84	87.9		
Vanadium	100.0	93.43	93.4		
Zinc	100.0	95.80	95.8		

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

Metals

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum	400.0	332.21	83.1		
Antimony	200.0	196.23	98.1		
Arsenic	200.0	200.70	100.4		
Barium	400.0	410.90	102.7		
Beryllium	10.0	9.86	98.6		
Cadmium	100.0	104.02	104.0		
Calcium	1000.0	1011.40	101.1		
Chromium	40.0	37.71	94.3		
Cobalt	100.0	99.47	99.5		
Copper	50.0	47.50	95.0		
Iron	200.0	207.160	103.58		
Lead	200.0	191.54	95.8		
Magnesium	1000.0	997.46 U	99.74		
Manganese	100.0	103.40	103.4		
Mercury	0.2	0.18 U	90.0		
Nickel	100.0	98.55	98.6		
Potassium	1000.0	1001.50	100.2		
Selenium	200.0	197.18	98.6		
Silver	50.0	46.52	93.0		
Sodium	1000.0	1006.20	100.6		
Thallium	200.0	173.72	86.9		
Vanadium	100.0	96.63	96.6		
Zinc	100.0	101.22	101.2		

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

Metals

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100	245000	100.4	243000	100.8				
Antimony	0	589	4.7		612	103.9				
Arsenic	0	101	10.8		109	107.9				
Barium	0	495	3.6		492	99.4				
Beryllium	0	475	0.87		483	101.7				
Cadmium	0	940	3.6		949	101.0				
Calcium	234900	231100	242000	103.0	243000	105.1				
Chromium	43	511	42.6	99.1	529	103.5				
Cobalt	0	461	3.8		474	102.8				
Copper	0	548	20.1		509	92.9				
Iron	95600	94800	93100	97.4	92700	97.8				
Lead	0	61	7.8		55.7	91.3				
Magnesium	247500	251100	255000	103.0	253000	100.8				
Manganese	19	502	21.0	110.5	495	98.6				
Nickel	0	984	18.5		996	101.2				
Potassium	0		5.6		6.5					
Selenium	0	53	-3.8		47.0	88.7				
Silver	0	206	-0.75		209	101.5				
Sodium	0		787		782					
Thallium	0	103	1.1		98.4	95.5				
Vanadium	0	494	3.6		484	98.0				
Zinc	0	1028	59.8		985	95.8				

Metals

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100	251000	102.8	252000	104.5				
Antimony	0	589	2.4		652	110.7				
Arsenic	0	101	15.9		117	115.8				
Barium	0	495	4.1		519	104.8				
Beryllium	0	475	0.92		493	103.8				
Cadmium	0	940	4.2		990	105.3				
Calcium	234900	231100	249000	106.0	250000	108.2				
Chromium	43	511	43.5	101.2	537	105.1				
Cobalt	0	461	4.3		494	107.2				
Copper	0	548	22.1		529	96.5				
Iron	95600	94800	96200	100.6	96300	101.6				
Lead	0	61	7.9		54.6	89.5				
Magnesium	247500	251100	263000	106.3	263000	104.7				
Manganese	19	502	21.8	114.7	513	102.2				
Nickel	0	984	23.0		1030	104.7				
Potassium	0		-1.7		3.0					
Selenium	0	53	2.6		52.2	98.5				
Silver	0	206	-1.3		216	104.9				
Sodium	0		809		836					
Thallium	0	103	-3.4		98.2	95.3				
Vanadium	0	494	2.9		497	100.6				
Zinc	0	1028	31.2		1030	100.2				

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-MS Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Aluminum	244100	241100	245000	100.4	243000	100.8
Antimony	0	589	4.7		612	103.9
Arsenic	0	101	10.8		109	107.9
Barium	0	495	3.6		492	99.4
Beryllium	0	475	0.87		483	101.7
Cadmium	0	940	3.6		949	101.0
Calcium	234900	231100	242000	103.0	243000	105.1
Chromium	43	511	42.6	99.1	529	103.5
Cobalt	0	461	3.8		474	102.8
Copper	0	548	20.1		509	92.9
Iron	95600	94800	93100	97.4	92700	97.8
Lead	0	61	7.8		55.7	91.3
Magnesium	247500	251100	255000	103.0	253000	100.8
Manganese	19	502	21.0	110.5	495	98.6
Nickel	0	984	18.5		996	101.2
Potassium	0		5.6		6.5	
Selenium	0	53	-3.8		47.0	88.7
Silver	0	206	-0.75		209	101.5
Sodium	0		787		782	
Thallium	0	103	1.1		98.4	95.5
Vanadium	0	494	3.6		484	98.0
Zinc	0	1028	59.8		985	95.8

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-MS Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Aluminum	244100	241100	251000	102.8	252000	104.5
Antimony	0	589	2.4		652	110.7
Arsenic	0	101	15.9		117	115.8
Barium	0	495	4.1		519	104.8
Beryllium	0	475	0.92		493	103.8
Cadmium	0	940	4.2		990	105.3
Calcium	234900	231100	249000	106.0	250000	108.2
Chromium	43	511	43.5	101.2	537	105.1
Cobalt	0	461	4.3		494	107.2
Copper	0	548	22.1		529	96.5
Iron	95600	94800	96200	100.6	96300	101.6
Lead	0	61	7.9		54.6	89.5
Magnesium	247500	251100	263000	106.3	263000	104.7
Manganese	19	502	21.8	114.7	513	102.2
Nickel	0	984	23.0		1030	104.7
Potassium	0		-1.7		3.0	
Selenium	0	53	2.6		52.2	98.5
Silver	0	206	-1.3		216	104.9
Sodium	0		809		836	
Thallium	0	103	-3.4		98.2	95.3
Vanadium	0	494	2.9		497	100.6
Zinc	0	1028	31.2		1030	100.2

CHEMTECH

METALS
QC DATA

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Antimony	25.0	U	25.0	U	25.0	U	25.0	U	2.500	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Barium	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Beryllium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	P
Cadmium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Chromium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Cobalt	15.0	U	15.0	U	15.0	U	15.0	U	1.500	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Lead	6.0	U	6.0	U	6.0	U	6.0	U	0.600	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Manganese	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.010	U	CV
Nickel	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Selenium	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Silver	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Vanadium	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			25.0	U	25.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			50.0	U	50.0	U					P
Beryllium			3.0	U	3.0	U					P
Cadmium			3.0	U	3.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			5.0	U	5.0	U					P
Cobalt			15.0	U	15.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			6.0	U	6.0	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			10.0	U	10.0	U					P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			10.0	U	10.0	U					P
Silver			5.0	U	5.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			20.0	U	20.0	U					P
Zinc			20.0	U	20.0	U					P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury			0.200	U	0.200	U					CV

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U			P
Antimony	25.0	U	25.0	U	25.0	U	25.0	U			P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U			P
Barium	50.0	U	50.0	U	50.0	U	50.0	U			P
Beryllium	3.0	U	3.0	U	3.0	U	3.0	U			P
Cadmium	3.0	U	3.0	U	3.0	U	3.0	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Chromium	5.0	U	5.0	U	5.0	U	5.0	U			P
Cobalt	15.0	U	15.0	U	15.0	U	15.0	U			P
Copper	10.0	U	10.0	U	10.0	U	10.0	U			P
Iron	50.0	U	50.0	U	50.0	U	50.0	U			P
Lead	6.0	U	6.0	U	6.0	U	6.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	10.0	U	10.0	U	10.0	U	10.0	U			P
Mercury	0.20	U	0.20	U	0.20	U	0.20	U			CV
Nickel	20.0	U	20.0	U	20.0	U	20.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Selenium	10.0	U	10.0	U	10.0	U	10.0	U			P
Silver	5.0	U	5.0	U	5.0	U	5.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P
Vanadium	20.0	U	20.0	U	20.0	U	20.0	U			P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.20	U							CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			57.4	J	51.6	J					P
Antimony			25.0	U	25.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			50.0	U	50.0	U					P
Beryllium			3.0	U	3.0	U					P
Cadmium			3.0	U	3.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			5.0	U	5.0	U					P
Cobalt			15.0	U	15.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			6.0	U	6.0	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			10.0	U	10.0	U					P
Nickel			20.0	U	20.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			10.0	U	10.0	U					P
Silver			5.0	U	5.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			20.0	U	20.0	U					P
Zinc			20.0	U	20.0	U					P

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7S

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		1609.2570		1402.0710		243.61	85.0		P
Antimony	75 - 125	84.9647		3.0451	U	97.44	87.2		P
Arsenic	75 - 125	89.7174		6.6516		97.44	85.2		P
Barium	75 - 125	41.0646		17.8843		24.36	95.2		P
Beryllium	75 - 125	21.5725		0.3654	U	24.36	88.6		P
Cadmium	75 - 125	26.4811		0.7966		24.36	105.4		P
Calcium		1096.6260		1062.0340		121.80	28.4		P
Chromium	75 - 125	45.3203		1.6370		48.72	89.7		P
Cobalt	75 - 125	33.0110		7.7881		24.36	103.5		P
Copper	75 - 125	52.1766		20.0914		36.54	87.8		P
Iron		21295.9800		21439.7100		365.41	-39.3		P
Lead	75 - 125	135.3350		13.6577		121.80	99.9		P
Magnesium	75 - 125	563.4836		362.4239		243.61	82.5		P
Manganese		304.9452		289.8782		24.36	61.9		P
Mercury	75 - 125	0.3368		0.0792		0.24	107.3		CV
Nickel	75 - 125	84.1389		20.6833		60.90	104.2		P
Potassium	75 - 125	1371.0110		271.4616		1218.03	90.3		P
Selenium	75 - 125	169.8660		1.2180	U	243.61	69.7	N	P
Silver	75 - 125	7.8210		0.6090	U	9.14	85.6		P
Sodium	75 - 125	496.0293		175.7613		365.41	87.6		P
Thallium	75 - 125	234.3605		2.4361	U	243.61	96.2		P
Vanadium	75 - 125	40.9281		8.2960		36.54	89.3		P
Zinc	75 - 125	41.5506		24.3618		24.36	70.6	N	P

Comments:

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7SD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		1618.3920		1402.0710		243.61	88.8		P
Antimony	75 - 125	83.1681		3.0451	U	97.44	85.4		P
Arsenic	75 - 125	87.3118		6.6516		97.44	82.8		P
Barium	75 - 125	40.7783		17.8843		24.36	94.0		P
Beryllium	75 - 125	21.0280		0.3654	U	24.36	86.3		P
Cadmium	75 - 125	26.0853		0.7966		24.36	103.8		P
Calcium		1113.9100		1062.0340		121.80	42.6		P
Chromium	75 - 125	45.0012		1.6370		48.72	89.0		P
Cobalt	75 - 125	32.5213		7.7881		24.36	101.5		P
Copper	75 - 125	52.0914		20.0914		36.54	87.6		P
Iron		21495.7400		21439.7100		365.41	15.3		P
Lead	75 - 125	132.2777		13.6577		121.80	97.4		P
Magnesium	75 - 125	564.7382		362.4239		243.61	83.0		P
Manganese		307.5396		289.8782		24.36	72.5		P
Mercury	75 - 125	0.3459		0.0792		0.24	111.1		CV
Nickel	75 - 125	82.7467		20.6833		60.90	101.9		P
Potassium	75 - 125	1357.7350		271.4616		1218.03	89.2		P
Selenium	75 - 125	163.2521		1.2180	U	243.61	67.0	N	P
Silver	75 - 125	7.6309		0.6090	U	9.14	83.5		P
Sodium	75 - 125	491.8027		175.7613		365.41	86.5		P
Thallium	75 - 125	229.3910		2.4361	U	243.61	94.2		P
Vanadium	75 - 125	40.4677		8.2960		36.54	88.0		P
Zinc	75 - 125	41.3873		24.3618		24.36	69.9	N	P

Comments:

5B-IN

POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7A

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Selenium		1332.70		10.00	U	2000.0	66.6		P
Zinc		335.35		200.01		200.0	67.7		P

Comments:

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SBM-7D

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1 % Solids for Duplicate: 82.1

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1402.0710		1379.5370		1.6		P
Antimony		3.0451	U	3.0451	U			P
Arsenic		6.6516		6.5359		1.8		P
Barium	6.0901	17.8843		17.4336		2.6		P
Beryllium		0.3654	U	0.3654	U			P
Cadmium	0.3654	0.7966		0.7467		6.5		P
Calcium		1062.0340		984.4824		7.6		P
Chromium	0.6090	1.6370		1.3094		22.2		P
Cobalt	1.8270	7.7881		7.6151		2.2		P
Copper		20.0914		19.6078		2.4		P
Iron		21439.7100		21227.7700		1.0		P
Lead		13.6577		13.3277		2.4		P
Magnesium	121.8027	362.4239		355.1523		2.0		P
Manganese		289.8782		287.4909		0.8		P
Mercury		0.0792		0.0737		7.2		CV
Nickel		20.6833		20.1267		2.7		P
Potassium	121.8027	271.4616		269.5737		0.7		P
Selenium		1.2180	U	1.2180	U			P
Silver		0.6090	U	0.6090	U			P
Sodium	121.8027	175.7613		162.9355		7.6		P
Thallium		2.4361	U	2.4361	U			P
Vanadium	2.4361	8.2960		8.2643		0.4		P
Zinc		24.3618		20.2619		18.4		P

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SBM-7SD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1 % Solids for Duplicate: 82.1

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1609.2570		1618.3920		0.6		P
Antimony		84.9647		83.1681		2.1		P
Arsenic		89.7174		87.3118		2.7		P
Barium		41.0646		40.7783		0.7		P
Beryllium		21.5725		21.0280		2.6		P
Cadmium		26.4811		26.0853		1.5		P
Calcium		1096.6260		1113.9100		1.6		P
Chromium		45.3203		45.0012		0.7		P
Cobalt		33.0110		32.5213		1.5		P
Copper		52.1766		52.0914		0.2		P
Iron		21295.9800		21495.7400		0.9		P
Lead		135.3350		132.2777		2.3		P
Magnesium		563.4836		564.7382		0.2		P
Manganese		304.9452		307.5396		0.8		P
Mercury		0.3368		0.3459		2.7		CV
Nickel		84.1389		82.7467		1.7		P
Potassium		1371.0110		1357.7350		1.0		P
Selenium		169.8660		163.2521		4.0		P
Silver		7.8210		7.6309		2.5		P
Sodium		496.0293		491.8027		0.9		P
Thallium		234.3605		229.3910		2.1		P
Vanadium		40.9281		40.4677		1.1		P
Zinc		41.5506		41.3873		0.4		P

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No: A3816 SDG NO.: A3816

Solid LCS Source: EPA-ICV

Aqueous LCS Source: EPA-ICV

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	2000.0	1763.60	88.2	200.0	179.8		80.0	120.0	89.9
Antimony	800.0	918.87	114.9	80.0	79.6		80.0	120.0	99.5
Arsenic	800.0	758.61	94.8	80.0	80.4		80.0	120.0	100.5
Barium	200.0	205.57	102.8	20.0	21.0		80.0	120.0	105.0
Beryllium	200.0	197.79	98.9	20.0	20.1		80.0	120.0	100.5
Cadmium	200.0	199.95	100.0	20.0	20.2		80.0	120.0	101.0
Calcium	1000.0	1035.20	103.5	100.0	105.2		80.0	120.0	105.2
Chromium	400.0	387.17	96.8	40.0	39.6		80.0	120.0	99.0
Cobalt	200.0	195.62	97.8	20.0	19.8		80.0	120.0	99.0
Copper	300.0	279.26	93.1	30.0	28.3		80.0	120.0	94.3
Iron	3000.0	2982.80	99.4	300.0	307.1		80.0	120.0	102.4
Lead	1000.0	930.89	93.1	100.0	94.2		80.0	120.0	94.2
Magnesium	2000.0	1941.10	97.1	200.0	195.0		80.0	120.0	97.5
Manganese	200.0	200.02	100.0	20.0	20.4		80.0	120.0	102.0
Mercury	4.000	4.180	104.5	0.200	0.210		80.0	120.0	105.0
Nickel	500.0	489.51	97.9	50.0	49.6		80.0	120.0	99.2
Potassium	10000.0	9871.10	98.7	1000.0	1008.6		80.0	120.0	100.9
Selenium	2000.0	1825.30	91.3	200.0	195.8		80.0	120.0	97.9
Silver	75.0	66.94	89.3	7.5	6.8		80.0	120.0	90.7
Sodium	3000.0	2978.00	99.3	300.0	299.1		80.0	120.0	99.7
Thallium	2000.0	1755.90	87.8	200.0	179.8		80.0	120.0	89.9
Vanadium	300.0	285.09	95.0	30.0	28.8		80.0	120.0	96.0
Zinc	200.0	192.64	96.3	20.0	19.7		80.0	120.0	98.5

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

SBM-7L

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	11511.00		11780.00		2.3		P
Antimony	25.00	U	125.00	U			P
Arsenic	54.61		50.00	U	100.0		P
Barium	146.83		250.00	U	100.0		P
Beryllium	3.00	U	15.00	U			P
Cadmium	6.54		15.00	U	100.0		P
Calcium	8719.30		9039.00		3.7		P
Chromium	13.44		25.00	U	100.0		P
Cobalt	63.94		75.00	U	100.0		P
Copper	164.95		173.60		5.2		P
Iron	176020.00		194335.00		10.4		P
Lead	112.13		104.20		7.1		P
Magnesium	2975.50		5000.00	U	100.0		P
Manganese	2379.90		2597.40		9.1		P
Mercury	1.30		1.00	U	100.0		CV
Nickel	169.81		153.15		9.8		P
Potassium	2228.70		5000.00	U	100.0		P
Selenium	10.00	U	50.00	U			P
Silver	5.00	U	25.00	U			P
Sodium	1443.00		5000.00	U	100.0		P
Thallium	20.00	U	100.00	U			P
Vanadium	68.11		100.00	U	100.0		P
Zinc	200.01		199.20		0.4		P

CHEMTECH

METALS PREPARATION & INSTRUMENT DATA

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Instrument Type: CV Instrument ID: CV2 Date: 01/15/2009

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.2000	0.0915

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Instrument Type: CV Instrument ID: CV2 Date: 01/15/2009

Preparation Method:

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.010	0.002

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Instrument Type: P Instrument ID: P4 Date: 02/14/2009

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	50.0	6.50
Antimony	206.83	25.0	8.00
Arsenic	193.76	10.0	4.20
Barium	493.41	50.0	4.00
Beryllium	234.86	3.0	0.70
Cadmium	226.50	3.0	0.50
Calcium	373.69	1000.0	31.80
Chromium	267.72	5.0	1.10
Cobalt	228.62	15.0	5.80
Copper	224.70	10.0	6.60
Iron	259.83	50.0	20.40
Lead	220.35	6.0	2.60
Magnesium	279.08	1000.0	32.50
Manganese	257.61	10.0	1.70
Nickel	231.60	20.0	4.20
Potassium	766.49	1000.0	38.80
Selenium	196.02	10.0	4.80
Silver	328.07	5.0	1.50
Sodium	589.59	1000.0	13.90
Thallium	190.86	20.0	2.40
Vanadium	292.40	20.0	6.10
Zinc	206.20	20.0	6.50

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Instrument Type: P Instrument ID: P4 Date: 02/14/2009

Preparation Method:

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	5.00	0.84
Antimony	206.83	2.50	0.56
Arsenic	193.76	1.00	0.33
Barium	493.41	5.00	0.40
Beryllium	234.86	0.30	0.06
Cadmium	226.50	0.30	0.06
Calcium	373.69	100.00	1.07
Chromium	267.72	0.50	0.13
Cobalt	228.62	1.50	0.57
Copper	224.70	1.00	0.32
Iron	259.83	5.00	1.33
Lead	220.35	0.60	0.39
Magnesium	279.08	100.00	4.58
Manganese	257.61	1.00	0.19
Nickel	231.60	2.00	0.46
Potassium	766.49	100.00	3.50
Selenium	196.02	1.00	0.41
Silver	328.07	0.50	0.15
Sodium	589.59	100.00	2.52
Thallium	190.86	2.00	0.27
Vanadium	292.40	2.00	0.59
Zinc	206.20	2.00	0.70

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

Metals

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 Date: 7/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

11-IN

ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP Instrument ID: P4 Date: 4/15/2009

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	450000.0	P
Antimony	10.00	60000.0	P
Arsenic	10.00	50000.0	P
Barium	10.00	55000.0	P
Beryllium	10.00	9000.0	P
Cadmium	10.00	9000.0	P
Calcium	10.00	2000000.0	P
Chromium	10.00	60000.0	P
Cobalt	10.00	50000.0	P
Copper	10.00	55000.0	P
Iron	10.00	1600000.0	P
Lead	10.00	150000.0	P
Magnesium	10.00	2000000.0	P
Manganese	10.00	60000.0	P
Nickel	10.00	45000.0	P
Potassium	10.00	550000.0	P
Selenium	10.00	45000.0	P
Silver	10.00	9000.0	P
Sodium	10.00	1500000.0	P
Thallium	10.00	35000.0	P
Vanadium	10.00	60000.0	P
Zinc	10.00	55000.0	P

Comments:

Metals

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB43877BL	8/5/2009	0.60	30
SBM-7	8/5/2009	0.60	30
SBM-7D	8/5/2009	0.60	30
SBM-7S	8/5/2009	0.60	30
SBM-7SD	8/5/2009	0.60	30
SBM-1	8/5/2009	0.62	30
SBM-8	8/5/2009	0.61	30
FDSS080309	8/5/2009	0.62	30
SBM-2	8/5/2009	0.60	30
SBM-11	8/5/2009	0.60	30
SBM-12	8/5/2009	0.60	30
SBM-4	8/5/2009	0.61	30
SBM-3	8/5/2009	0.60	30
SBM-5	8/5/2009	0.61	30
SBM-9	8/5/2009	0.60	30
SBM-10	8/5/2009	0.60	30
SBM-6	8/5/2009	0.61	30
SBM-6-S-2	8/5/2009	0.61	30
SBM-3-S-1	8/5/2009	0.60	30
SBM-4-S-1	8/5/2009	0.60	30
SBM-2-S-3	8/5/2009	0.61	30
SBM-9-S-1	8/5/2009	0.60	30
SBM-1-S-2	8/5/2009	0.60	30
PB43877BS	8/5/2009	0.60	30

Comments:

Metals

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB43883BL	8/6/2009	1.00	100
PB43883BS	8/6/2009	1.00	100
SBM-7	8/6/2009	1.00	100
SBM-7D	8/6/2009	1.00	100
SBM-7S	8/6/2009	1.00	100
SBM-7SD	8/6/2009	1.00	100
SBM-1	8/6/2009	1.09	100
SBM-8	8/6/2009	1.02	100
FDSS080309	8/6/2009	1.04	100
SBM-2	8/6/2009	1.02	100
SBM-11	8/6/2009	1.09	100
SBM-12	8/6/2009	1.42	100
SBM-4	8/6/2009	1.11	100
SBM-3	8/6/2009	1.35	100
SBM-5	8/6/2009	1.23	100
SBM-9	8/6/2009	1.21	100
SBM-10	8/6/2009	1.18	100
SBM-6	8/6/2009	1.27	100
SBM-6-S-2	8/6/2009	1.07	100
SBM-3-S-1	8/6/2009	1.09	100
SBM-4-S-1	8/6/2009	1.06	100
SBM-2-S-3	8/6/2009	1.21	100
SBM-9-S-1	8/6/2009	1.06	100
SBM-1-S-2	8/6/2009	1.00	100

Comments:

Metals

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB43915BL	8/7/2009		50
PB43915BS	8/7/2009		50
EB080309	8/7/2009		50

Comments:

Metals

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB43967BL	8/11/2009		30
PB43967BS	8/11/2009		30
EB080309	8/11/2009		30

Comments:

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/6/2009 End Date: 8/6/2009

EPA Sample NO.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Std01Rep1	1.00	1026															X									
Std02Rep1	1.00	1027															X									
Std03Rep1	1.00	1029															X									
Std04Rep1	1.00	1031															X									
Std05Rep1	1.00	1034															X									
Std06Rep1	1.00	1035															X									
ICV01	1.00	1050															X									
ICB01	1.00	1052															X									
CCV01	1.00	1053															X									
CCB01	1.00	1056															X									
CRI01	1.00	1057															X									
HIGH STD	1.00	1100															X									
ZZZZZZ	1.00	1102																								
ZZZZZZ	1.00	1103																								
ZZZZZZ	1.00	1106																								
ZZZZZZ	1.00	1108																								
ZZZZZZ	1.00	1110																								
ZZZZZZ	1.00	1112																								
CCV02	1.00	1113															X									
CCB02	1.00	1116															X									
ZZZZZZ	1.00	1118																								
ZZZZZZ	1.00	1120																								
ZZZZZZ	1.00	1121																								
ZZZZZZ	1.00	1123																								
ZZZZZZ	1.00	1126																								
ZZZZZZ	1.00	1128																								
ZZZZZZ	1.00	1130																								
ZZZZZZ	1.00	1132																								
CCV03	1.00	1134															X									
CCB03	1.00	1136															X									
ZZZZZZ	1.00	1138																								
ZZZZZZ	5.00	1140																								
ZZZZZZ	1.00	1142																								
ZZZZZZ	1.00	1144																								
ZZZZZZ	1.00	1146																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/6/2009 End Date: 8/6/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1147																								
ZZZZZZ	1.00	1150																								
ZZZZZZ	1.00	1152																								
CCV04	1.00	1154															X									
CCB04	1.00	1156															X									
ZZZZZZ	1.00	1158																								
ZZZZZZ	1.00	1200																								
ZZZZZZ	1.00	1202																								
ZZZZZZ	1.00	1204																								
ZZZZZZ	1.00	1206																								
ZZZZZZ	1.00	1209																								
ZZZZZZ	1.00	1211																								
ZZZZZZ	1.00	1213																								
CCV05	1.00	1215															X									
CCB05	1.00	1217															X									
ZZZZZZ	1.00	1219																								
ZZZZZZ	1.00	1221																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	5.00	1225																								
ZZZZZZ	1.00	1227																								
ZZZZZZ	1.00	1229																								
ZZZZZZ	1.00	1231																								
ZZZZZZ	1.00	1233																								
CCV06	1.00	1235															X									
CCB06	1.00	1237															X									
ZZZZZZ	1.00	1239																								
ZZZZZZ	1.00	1241																								
ZZZZZZ	1.00	1243																								
ZZZZZZ	1.00	1246																								
ZZZZZZ	1.00	1248																								
ZZZZZZ	1.00	1250																								
ZZZZZZ	1.00	1252																								
ZZZZZZ	1.00	1254																								
CCV07	1.00	1256															X									
CCB07	1.00	1259															X									

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/6/2009 End Date: 8/6/2009

EPA Sample NO.	D/F	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1301																								
ZZZZZZ	1.00	1303																								
ZZZZZZ	1.00	1305																								
ZZZZZZ	1.00	1307																								
ZZZZZZ	1.00	1309																								
PB43877BL	1.00	1311															X									
ZZZZZZ	1.00	1313																								
SBM-7	1.00	1315															X									
CCV08	1.00	1317															X									
CCB08	1.00	1319															X									
SBM-7D	1.00	1321															X									
SBM-7L	5.00	1323															X									
SBM-7S	1.00	1325															X									
SBM-7SD	1.00	1327															X									
ZZZZZZ	1.00	1329																								
SBM-1	1.00	1331															X									
SBM-8	1.00	1333															X									
FDSS080309	1.00	1335															X									
CCV09	1.00	1337															X									
CCB09	1.00	1339															X									
SBM-2	1.00	1341															X									
SBM-11	1.00	1343															X									
SBM-12	1.00	1345															X									
SBM-4	1.00	1347															X									
SBM-3	1.00	1349															X									
SBM-5	1.00	1351															X									
SBM-9	1.00	1353															X									
SBM-10	1.00	1355															X									
CCV10	1.00	1357															X									
CCB10	1.00	1359															X									
SBM-6	1.00	1401															X									
SBM-6-S-2	1.00	1405															X									
SBM-3-S-1	1.00	1407															X									
SBM-4-S-1	1.00	1409															X									
SBM-2-S-3	1.00	1411															X									

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/6/2009 End Date: 8/6/2009

EPA Sample NO.	D/F	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SBM-9-S-1	1.00	1413															X									
SBM-1-S-2	1.00	1415															X									
ZZZZZZ	1.00	1417																								
CCV11	1.00	1419															X									
CCB11	1.00	1421															X									
ZZZZZZ	1.00	1423																								
ZZZZZZ	1.00	1425																								
ZZZZZZ	1.00	1427																								
ZZZZZZ	1.00	1429																								
ZZZZZZ	1.00	1431																								
ZZZZZZ	1.00	1433																								
ZZZZZZ	1.00	1435																								
ZZZZZZ	1.00	1437																								
CCV12	1.00	1439															X									
CCB12	1.00	1441															X									
ZZZZZZ	5.00	1443																								
ZZZZZZ	1.00	1445																								
ZZZZZZ	1.00	1447																								
ZZZZZZ	1.00	1449																								
ZZZZZZ	1.00	1451																								
ZZZZZZ	1.00	1453																								
ZZZZZZ	10.00	1455																								
PB43877BS	1.00	1457															X									
CCV13	1.00	1459															X									
CCB13	1.00	1501															X									
ZZZZZZ	1.00	1503																								
ZZZZZZ	5.00	1506																								
CCV14	1.00	1507															X									
CCB14	1.00	1509															X									

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/6/2009 End Date: 8/7/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1335	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S1	1.00	1342	X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
S2	1.00	1348							X						X				X			X				
S3	1.00	1355	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S4	1.00	1402	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S5	1.00	1408	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV01	1.00	1415	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB01	1.00	1421	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI01	1.00	1428	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A01	1.00	1435	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB01	1.00	1441	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV01	1.00	1448	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB01	1.00	1454	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1501																								
ZZZZZZ	1.00	1508																								
ZZZZZZ	1.00	1514																								
ZZZZZZ	1.00	1521																								
ZZZZZZ	1.00	1528																								
ZZZZZZ	5.00	1534																								
ZZZZZZ	1.00	1541																								
ZZZZZZ	1.00	1548																								
ZZZZZZ	1.00	1554																								
ZZZZZZ	1.00	1601																								
CCV02	1.00	1608	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB02	1.00	1614	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1621																								
ZZZZZZ	1.00	1627																								
ZZZZZZ	1.00	1634																								
ZZZZZZ	1.00	1641																								
ZZZZZZ	1.00	1647																								
ZZZZZZ	1.00	1654																								
ZZZZZZ	1.00	1700																								
ZZZZZZ	1.00	1707																								
ZZZZZZ	1.00	1714																								
ZZZZZZ	5.00	1720																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/6/2009 End Date: 8/7/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV03	1.00	1727	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB03	1.00	1733	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1740																								
ZZZZZZ	1.00	1746																								
ZZZZZZ	1.00	1753																								
ZZZZZZ	1.00	1759																								
PB43883BL	1.00	1806	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB43883BS	1.00	1813	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7	1.00	1819	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7D	1.00	1826	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7L	5.00	1833	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7A	1.00	1839																		X					X	
CCV04	1.00	1846	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB04	1.00	1852	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7S	1.00	1859	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-7SD	1.00	1905	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-1	1.00	1912	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-8	1.00	1919	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FDSS080309	1.00	1925	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-2	1.00	1932	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-11	1.00	1939	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-12	1.00	1945	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-4	1.00	1952	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-3	1.00	1958	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV05	1.00	2005	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB05	1.00	2011	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-5	1.00	2018	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-9	1.00	2024	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-10	1.00	2031	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-6	1.00	2038	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-6-S-2	1.00	2044	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-3-S-1	1.00	2051	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-4-S-1	1.00	2057	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-2-S-3	1.00	2104	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SBM-9-S-1	1.00	2110	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/6/2009 End Date: 8/7/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SBM-1-S-2	1.00	2117	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV06	1.00	2124	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB06	1.00	2130	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2137																								
ZZZZZZ	1.00	2144																								
ZZZZZZ	1.00	2150																								
ZZZZZZ	1.00	2157																								
ZZZZZZ	1.00	2203																								
ZZZZZZ	1.00	2210																								
ZZZZZZ	1.00	2217																								
ZZZZZZ	1.00	2223																								
ZZZZZZ	1.00	2230																								
ZZZZZZ	10.00	2237																								
CCV07	1.00	2243	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB07	1.00	2250	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2256																								
ZZZZZZ	1.00	2303																								
ZZZZZZ	1.00	2310																								
ZZZZZZ	5.00	2316																								
ZZZZZZ	1.00	2323																								
ZZZZZZ	1.00	2330																								
ZZZZZZ	1.00	2336																								
ZZZZZZ	1.00	2343																								
ZZZZZZ	1.00	2349																								
ZZZZZZ	5.00	2356																								
CCV08	1.00	0002	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB08	1.00	0009	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0016																								
ZZZZZZ	1.00	0022																								
ZZZZZZ	1.00	0029																								
ZZZZZZ	1.00	0035																								
ZZZZZZ	1.00	0042																								
CCV09	1.00	0049	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB09	1.00	0055	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0102																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/6/2009 End Date: 8/7/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	0108																								
ZZZZZZ	1.00	0115																								
ZZZZZZ	1.00	0122																								
ZZZZZZ	1.00	0128																								
ZZZZZZ	5.00	0135																								
ZZZZZZ	1.00	0142																								
ZZZZZZ	1.00	0149																								
ZZZZZZ	1.00	0155																								
ZZZZZZ	1.00	0202																								
CCV10	1.00	0209	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB10	1.00	0215	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0222																								
CCV11	1.00	0229	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB11	1.00	0235	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/10/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1435	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S1	1.00	1441	X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
S2	1.00	1448							X						X				X			X				
S3	1.00	1454	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S4	1.00	1501	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S5	1.00	1508	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV01	1.00	1514	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB01	1.00	1521	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI01	1.00	1528	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A01	1.00	1534	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB01	1.00	1541	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV01	1.00	1547	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB01	1.00	1554	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1600																								
ZZZZZZ	1.00	1607																								
ZZZZZZ	1.00	1614																								
ZZZZZZ	1.00	1620																								
ZZZZZZ	1.00	1627																								
ZZZZZZ	1.00	1634																								
ZZZZZZ	1.00	1640																								
ZZZZZZ	1.00	1647																								
ZZZZZZ	1.00	1653																								
ZZZZZZ	1.00	1700																								
CCV02	1.00	1706	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB02	1.00	1713	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1720																								
ZZZZZZ	1.00	1726																								
ZZZZZZ	5.00	1733																								
ZZZZZZ	1.00	1739																								
ZZZZZZ	1.00	1746																								
ZZZZZZ	1.00	1752																								
ZZZZZZ	1.00	1759																								
ZZZZZZ	1.00	1805																								
ZZZZZZ	1.00	1812																								
ZZZZZZ	1.00	1819																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/10/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV03	1.00	1825	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB03	1.00	1832	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1838																								
ZZZZZZ	1.00	1845																								
ZZZZZZ	1.00	1852																								
ZZZZZZ	1.00	1858																								
ZZZZZZ	1.00	1905																								
ZZZZZZ	1.00	1911																								
ZZZZZZ	10.00	1918																								
ZZZZZZ	10.00	1925																								
ZZZZZZ	10.00	1931																								
ZZZZZZ	10.00	1938																								
CCV04	1.00	1945	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB04	1.00	1951	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	10.00	1958																								
PB43915BL	1.00	2005	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB43915BS	1.00	2011	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
EB080309	1.00	2018	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2025																								
ZZZZZZ	1.00	2031																								
ZZZZZZ	5.00	2038																								
ZZZZZZ	1.00	2045																								
ZZZZZZ	1.00	2051																								
ZZZZZZ	1.00	2058																								
CCV05	1.00	2105	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB05	1.00	2111	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2118																								
ZZZZZZ	1.00	2125																								
ZZZZZZ	1.00	2131																								
ZZZZZZ	1.00	2138																								
ZZZZZZ	1.00	2145																								
ZZZZZZ	1.00	2151																								
ZZZZZZ	1.00	2158																								
ZZZZZZ	1.00	2205																								
ZZZZZZ	1.00	2212																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/10/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2218																								
CCV06	1.00	2225	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB06	1.00	2231	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2238																								
ZZZZZZ	1.00	2245																								
ZZZZZZ	1.00	2251																								
ZZZZZZ	5.00	2258																								
ZZZZZZ	1.00	2305																								
ZZZZZZ	1.00	2312																								
ZZZZZZ	1.00	2318																								
ZZZZZZ	1.00	2325																								
ZZZZZZ	1.00	2332																								
ZZZZZZ	1.00	2338																								
CCV07	1.00	2345	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB07	1.00	2351	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	2358																								
ZZZZZZ	1.00	0005																								
ZZZZZZ	1.00	0011																								
ZZZZZZ	1.00	0018																								
ZZZZZZ	1.00	0025																								
ZZZZZZ	1.00	0032																								
ZZZZZZ	1.00	0038																								
ZZZZZZ	1.00	0045																								
ZZZZZZ	1.00	0051																								
ZZZZZZ	1.00	0058																								
CCV08	1.00	0105	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB08	1.00	0111	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0118																								
ZZZZZZ	1.00	0125																								
ZZZZZZ	1.00	0131																								
ZZZZZZ	1.00	0138																								
ZZZZZZ	1.00	0145																								
ZZZZZZ	1.00	0151																								
ZZZZZZ	1.00	0158																								
ZZZZZZ	1.00	0205																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/10/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	0211																								
ZZZZZZ	1.00	0218																								
CCV09	1.00	0225	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB09	1.00	0231	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0238																								
ZZZZZZ	1.00	0245																								
ZZZZZZ	1.00	0251																								
ZZZZZZ	1.00	0258																								
ZZZZZZ	5.00	0305																								
ZZZZZZ	1.00	0312																								
ZZZZZZ	1.00	0318																								
ZZZZZZ	1.00	0325																								
ZZZZZZ	1.00	0332																								
ZZZZZZ	1.00	0338																								
CCV10	1.00	0345	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB10	1.00	0351	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0358																								
ZZZZZZ	1.00	0405																								
ZZZZZZ	1.00	0411																								
ZZZZZZ	1.00	0418																								
ZZZZZZ	1.00	0425																								
ZZZZZZ	5.00	0431																								
ZZZZZZ	1.00	0438																								
ZZZZZZ	1.00	0444																								
ZZZZZZ	1.00	0451																								
ZZZZZZ	1.00	0458																								
CCV11	1.00	0504	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB11	1.00	0511	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0517																								
ZZZZZZ	1.00	0524																								
ZZZZZZ	1.00	0531																								
ZZZZZZ	1.00	0537																								
ZZZZZZ	1.00	0544																								
ZZZZZZ	1.00	0551																								
ZZZZZZ	1.00	0557																								

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: P4 Analysis Method: P

Start Date: 8/10/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	0604																								
ZZZZZZ	1.00	0610																								
ZZZZZZ	1.00	0617																								
CCV12	1.00	0624	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB12	1.00	0630	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0637																								
ZZZZZZ	1.00	0644																								
ZZZZZZ	1.00	0650																								
ZZZZZZ	1.00	0657																								
ZZZZZZ	1.00	0704																								
ZZZZZZ	1.00	0710																								
ZZZZZZ	5.00	0717																								
ZZZZZZ	1.00	0724																								
ZZZZZZ	1.00	0731																								
ZZZZZZ	1.00	0737																								
CCV13	1.00	0744	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB13	1.00	0751	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0757																								
ZZZZZZ	1.00	0804																								
ZZZZZZ	1.00	0811																								
ZZZZZZ	1.00	0817																								
ZZZZZZ	1.00	0824																								
ZZZZZZ	1.00	0831																								
ZZZZZZ	1.00	0838																								
ZZZZZZ	1.00	0844																								
CCV14	1.00	0851	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB14	1.00	0858	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/11/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Std01Rep1	1.00	1518															X									
Std02Rep1	1.00	1520															X									
Std03Rep1	1.00	1522															X									
Std04Rep1	1.00	1524															X									
Std05Rep1	1.00	1526															X									
Std06Rep1	1.00	1528															X									
ICV01	1.00	1531															X									
ICB01	1.00	1533															X									
CCV01	1.00	1535															X									
CCB01	1.00	1537															X									
CRI01	1.00	1539															X									
HIGH STD	1.00	1541															X									
ZZZZZZ	1.00	1543																								
PB43967BL	1.00	1545															X									
PB43967BS	1.00	1547															X									
ZZZZZZ	1.00	1549																								
EB080309	1.00	1551															X									
ZZZZZZ	1.00	1553																								
CCV02	1.00	1556															X									
CCB02	1.00	1558															X									
ZZZZZZ	1.00	1600																								
ZZZZZZ	1.00	1602																								
ZZZZZZ	1.00	1604																								
ZZZZZZ	1.00	1605																								
ZZZZZZ	1.00	1607																								
ZZZZZZ	1.00	1609																								
ZZZZZZ	1.00	1611																								
ZZZZZZ	1.00	1613																								
CCV03	1.00	1615															X									
CCB03	1.00	1617															X									
ZZZZZZ	5.00	1619																								
ZZZZZZ	1.00	1621																								
ZZZZZZ	1.00	1624																								
ZZZZZZ	1.00	1626																								
ZZZZZZ	1.00	1628																								

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG No.: A3816

Instrument ID: CV2 Analysis Method: CV

Start Date: 8/11/2009 End Date: 8/11/2009

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1630																								
ZZZZZZ	1.00	1632																								
CCV04	1.00	1634															X									
CCB04	1.00	1636															X									

CHEMTECH

METALS
RAW DATA

Sample Name: S0 Acquired: 8/6/2009 13:35:40 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00212	-.00734	.00086	.00331	-.00064	.03282	.30254	.00018
Stddev	.00160	.00054	.00087	.00027	.00090	.00052	.00054	.00010
%RSD	75.152	7.3211	101.57	8.1927	141.42	1.5918	.17726	52.665
#1	-.00099	-.00772	.00148	.00350	.00000	.03319	.30216	.00011
#2	-.00325	-.00696	.00024	.00312	-.00128	.03245	.30292	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00156	.00097	.00003	.00201	-.00010	.00041	.00014	-.00001
Stddev	.00023	.00009	.00049	.00122	.00003	.00008	.00005	.00012
%RSD	15.083	9.1829	1538.2	60.494	26.804	18.588	37.053	2257.5
#1	-.00172	.00091	-.00031	.00115	-.00012	.00047	.00018	.00008
#2	-.00139	.00103	.00038	.00287	-.00008	.00036	.00010	-.00009

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00408	.00018	.00465	.00037	.00931	.00005	.00248	.00059
Stddev	.00132	.00045	.00024	.00049	.00024	.00013	.00053	.00016
%RSD	32.310	254.28	5.0771	131.12	2.5987	240.45	21.394	26.852
#1	-.00502	-.00014	.00449	.00072	.00948	.00015	.00285	.00048
#2	-.00315	.00050	.00482	.00003	.00914	-.00004	.00210	.00070

Elem	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01223	.00044	.00020	.00121
Stddev	.00069	.00001	.00031	.00017
%RSD	5.6259	3.3666	156.28	13.860
#1	.01272	.00043	-.00002	.00109
#2	.01175	.00045	.00041	.00133

Sample Name: S0 Acquired: 8/6/2009 13:35:40 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.58	568.75	5456.7	9153.4	648.04
Stddev	.71	1.14	10.8	11.1	.73
%RSD	.43259	.20058	.19848	.12078	.11202
#1	163.08	569.56	5449.0	9145.6	648.55
#2	164.08	567.94	5464.4	9161.2	647.53

Sample Name: S1 Acquired: 8/6/2009 13:42:19 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04466	.02028	.03295	.05606	.05363	.04558	1.5366	.01172	.22517
Stddev	.00024	.00096	.00156	.00158	.00045	.00006	.0079	.00010	.00104
%RSD	.53810	4.7310	4.7324	2.8169	.83782	.13787	.51705	.84201	.46374
#1	.04449	.02096	.03185	.05718	.05395	.04553	1.5309	.01165	.22443
#2	.04483	.01961	.03405	.05494	.05331	.04562	1.5422	.01179	.22591

Elem	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Ni2316	Ag3280	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00817	.07564	.00204	.00525	.03975	.03565	.02549	.01874	.37205
Stddev	.00016	.00073	.00007	.00031	.00012	.00118	.00102	.00005	.00267
%RSD	1.9550	.96156	3.2711	5.8772	.31401	3.2991	4.0191	.27758	.71848
#1	.00805	.07512	.00199	.00547	.03984	.03648	.02477	.01870	.37394
#2	.00828	.07615	.00208	.00504	.03966	.03482	.02621	.01877	.37016

Elem	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.18040	.02246	.00775	.00225	.04302	.06318
Stddev	.00030	.00012	.00093	.00029	.00027	.00093
%RSD	.16890	.53056	11.957	13.112	.62944	1.4643
#1	.18061	.02238	.00710	.00204	.04322	.06252
#2	.18018	.02254	.00841	.00246	.04283	.06383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.24	568.79	5435.6	9214.2	651.06
Stddev	1.39	.63	13.2	14.3	.34
%RSD	.84117	.11147	.24257	.15471	.05213
#1	164.26	568.34	5444.9	9224.3	651.30
#2	166.23	569.24	5426.3	9204.1	650.82

Sample Name: S2 Acquired: 8/6/2009 13:48:57 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37314	.08128	1.3726	.44658
Stddev	.00300	.00015	.0115	.00414
%RSD	.80264	.18817	.83520	.92613
#1	.37103	.08117	1.3645	.44366
#2	.37526	.08139	1.3807	.44951

Int. Std.	Y_3710
Units	Cts/S
Avg	9298.0
Stddev	31.1
%RSD	.33468
#1	9320.0
#2	9276.0

Sample Name: S3 Acquired: 8/6/2009 13:55:30 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2347	.71168	.82788	1.3991	1.3960	.40465	31.500	.29993	5.7463
Stddev	.0025	.00172	.00298	.0047	.0046	.00073	.400	.00149	.0111
%RSD	.19975	.24114	.35971	.33919	.32570	.17931	1.2691	.49564	.19324
#1	1.2330	.71289	.82577	1.3958	1.3928	.40517	31.783	.30098	5.7541
#2	1.2365	.71046	.82998	1.4025	1.3993	.40414	31.217	.29888	5.7384

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.93703	.21903	1.9061	.05642	.13206	.99866	.20411	1.0187	.70494
Stddev	.00166	.00117	.0062	.00054	.00059	.00200	.00080	.0059	.00879
%RSD	.17679	.53513	.32243	.95765	.44775	.19987	.39414	.58329	1.2466
#1	.93820	.21986	1.9104	.05680	.13164	1.0001	.20467	1.0229	.71115
#2	.93586	.21820	1.9018	.05604	.13248	.99725	.20354	1.0145	.69873

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4476	.47665	9.1939	1.1207	4.6320	.57637	.00856	.04900	1.0876
Stddev	.0024	.00020	.0857	.0019	.0047	.00138	.00054	.00038	.0046
%RSD	.07060	.04200	.93254	.16602	.10065	.23865	6.3059	.77240	.41954
#1	3.4459	.47679	9.2546	1.1220	4.6287	.57734	.00818	.04927	1.0908
#2	3.4494	.47650	9.1333	1.1194	4.6353	.57540	.00894	.04873	1.0843

Elem	Ti3361
Units	Cts/S
Avg	1.5787
Stddev	.0003
%RSD	.02146
#1	1.5789
#2	1.5784

Sample Name: S3 Acquired: 8/6/2009 13:55:30 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.96	564.78	5444.6	9211.3	662.93
Stddev	1.33	1.24	22.8	32.0	.04
%RSD	.81417	.21868	.41802	.34720	.00533
#1	163.02	565.66	5428.5	9188.7	662.91
#2	164.90	563.91	5460.7	9233.9	662.96

Sample Name: S4 Acquired: 8/6/2009 14:02:03 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5015	1.4789	1.6822	2.8437	2.8419	.80434	61.497	.59850	11.367
Stddev	.0106	.0008	.0006	.0167	.0099	.00354	.149	.00305	.034
%RSD	.42345	.05535	.03699	.58649	.34717	.43967	.24170	.50948	.29921
#1	2.5090	1.4784	1.6827	2.8555	2.8488	.80184	61.603	.59635	11.343
#2	2.4940	1.4795	1.6818	2.8319	2.8349	.80684	61.392	.60066	11.391

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8477	.43716	3.8243	.11418	.25861	1.9692	.40956	2.0471	1.4762
Stddev	.0103	.00172	.0099	.00052	.00063	.0109	.00199	.0082	.0033
%RSD	.55955	.39265	.25945	.45666	.24238	.55357	.48515	.40187	.22067
#1	1.8404	.43594	3.8173	.11381	.25817	1.9615	.40816	2.0413	1.4739
#2	1.8550	.43837	3.8313	.11455	.25905	1.9769	.41097	2.0529	1.4785

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8678	.95440	18.168	2.2359	9.2744	1.1628	.00886	.09702	2.1935
Stddev	.0114	.00708	.266	.0051	.0264	.0069	.00015	.00064	.0092
%RSD	.16604	.74147	1.4617	.22759	.28452	.58887	1.6397	.65685	.42030
#1	6.8598	.94940	17.980	2.2323	9.2930	1.1580	.00896	.09657	2.1870
#2	6.8759	.95941	18.356	2.2395	9.2557	1.1677	.00876	.09747	2.2000

Elem	Ti3361
Units	Cts/S
Avg	3.1483
Stddev	.0174
%RSD	.55292
#1	3.1360
#2	3.1606

Sample Name: S4 Acquired: 8/6/2009 14:02:03 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.35	555.92	5384.8	9153.3	660.33
Stddev	2.31	1.64	17.8	35.2	1.81
%RSD	1.4225	.29427	.33031	.38492	.27387
#1	163.99	554.77	5397.3	9178.2	661.61
#2	160.72	557.08	5372.2	9128.4	659.05

Sample Name: S5 Acquired: 8/6/2009 14:08:34 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9759	3.0760	3.4287	5.6495	5.7178	1.6207	121.05	1.1743	22.419
Stddev	.0122	.0070	.0103	.0023	.0065	.0059	.89	.0006	.046
%RSD	.24548	.22699	.30158	.04013	.11323	.36593	.73331	.05024	.20463
#1	4.9673	3.0710	3.4214	5.6511	5.7132	1.6165	120.43	1.1739	22.386
#2	4.9846	3.0809	3.4360	5.6478	5.7223	1.6249	121.68	1.1747	22.451

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6255	.86407	7.6477	.22863	.50517	3.8120	.81389	4.1260	2.9095
Stddev	.0094	.00108	.0046	.00057	.00128	.0117	.00469	.0121	.0054
%RSD	.25958	.12484	.05982	.24930	.25386	.30638	.57656	.29339	.18463
#1	3.6188	.86331	7.6444	.22823	.50426	3.8037	.81057	4.1175	2.9057
#2	3.6321	.86483	7.6509	.22903	.50608	3.8203	.81720	4.1346	2.9133

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.585	1.8769	35.126	4.4093	18.372	2.2134	.00430	.14541	4.4021
Stddev	.013	.0032	.078	.0068	.022	.0075	.00001	.00084	.0102
%RSD	.09428	.17067	.22086	.15436	.12044	.33978	.13361	.58007	.23245
#1	13.576	1.8746	35.181	4.4044	18.388	2.2080	.00430	.14481	4.3948
#2	13.594	1.8791	35.071	4.4141	18.356	2.2187	.00429	.14601	4.4093

Elem	Ti3361
Units	Cts/S
Avg	6.1688
Stddev	.0179
%RSD	.29086
#1	6.1561
#2	6.1815

Sample Name: S5 Acquired: 8/6/2009 14:08:34 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.30	545.84	5367.7	9096.7	652.22
Stddev	.23	.20	1.3	20.2	.77
%RSD	.14193	.03669	.02428	.22167	.11848
#1	161.14	545.70	5368.6	9111.0	652.77
#2	161.46	545.98	5366.8	9082.5	651.68

Sample Name: ICV Acquired: 8/6/2009 14:15:13 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94354	.91303	.92113	.92781	.92672	2.2865	.50574
Stddev	.00159	.00092	.00284	.00473	.00342	.0111	.00042
%RSD	.16876	.10065	.30826	.50992	.36889	.48409	.08341
#1	.94467	.91238	.91912	.92446	.92914	2.2944	.50544
#2	.94242	.91368	.92314	.93115	.92430	2.2787	.50604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48451	.48475	9.9138	.48759	.47292	.47098	4.9923
Stddev	.00150	.00079	.0209	.00011	.00247	.00048	.0026
%RSD	.30929	.16234	.21070	.02234	.52169	.10228	.05244
#1	.48557	.48419	9.9285	.48767	.47118	.47132	4.9942
#2	.48345	.48530	9.8990	.48752	.47467	.47063	4.9905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49444	5.8443	.47450	.45346	9.5878	.48706	1.0118
Stddev	.00134	.0109	.00163	.00096	.0094	.00397	.0185
%RSD	.27196	.18695	.34452	.21171	.09824	.81589	1.8250
#1	.49349	5.8366	.47334	.45414	9.5812	.48987	1.0249
#2	.49539	5.8520	.47565	.45278	9.5945	.48425	.99875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6640	F.00172	F.01045	F4.3402	F-.00126	F.00153	F.00051
Stddev	.0169	.00054	.00032	.6430	.00080	.00037	.00002
%RSD	.17524	31.464	3.0552	14.814	63.527	23.988	3.3180
#1	9.6520	.00134	.01022	4.7948	-.00069	.00179	.00050
#2	9.6760	.00211	.01067	3.8856	-.00182	.00127	.00052

Sample Name: ICV Acquired: 8/6/2009 14:15:13 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 2465.7
#2	z 2466.9

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.79	568.32	5436.3	9166.1	666.66
Stddev	3.19	.39	15.9	35.1	1.32
%RSD	1.9746	.06926	.29213	.38240	.19799
#1	159.53	568.04	5425.1	9141.3	667.59
#2	164.05	568.59	5447.6	9190.8	665.73

Sample Name: ICB Acquired: 8/6/2009 14:21:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.00334	.00042	-.00189	.00386	.00422	-.00065	-.00007
Stddev	.00155	.00313	.00130	.00048	.00099	.00771	.00006	.00000
%RSD	264.04	93.793	312.27	25.528	25.620	182.90	9.4868	4.5196
#1	-.00168	.00112	.00133	-.00223	.00456	-.00124	-.00069	-.00007
#2	.00051	.00555	-.00050	-.00155	.00316	.00967	-.00060	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.17452	.00015	-.00005	-.00037	.00477	.00014	-.00256
Stddev	.00007	.00032	.00067	.00028	.00051	.00025	.00013	.00903
%RSD	62.016	.18563	452.33	519.71	139.08	5.2194	89.292	352.70
#1	.00017	.17474	-.00033	.00014	-.00073	.00494	.00024	.00383
#2	.00007	.17429	.00062	-.00025	-.00001	.00459	.00005	-.00895

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00009	.00979	-.00026	.00823	.01521	-.00003	.00240
Stddev	.00125	.00001	.00312	.00014	.00015	.00014	.00033	.00123
%RSD	112.77	11.521	31.880	54.386	1.8503	.90380	1201.0	51.251
#1	.00022	-.00010	.01200	-.00016	.00834	.01531	.00021	.00153
#2	.00199	-.00008	.00759	-.00036	.00813	.01511	-.00026	.00327

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F2.0761	.00239	-.00054	-.00010	z*****
Stddev	1.2759	.00138	.00086	.00055	-----
%RSD	61.459	57.804	158.73	539.27	-----
#1	1.1739	.00337	-.00115	-.00049	z 2436.4
#2	2.9783	.00141	.00007	.00029	z 2438.1

Sample Name: ICB Acquired: 8/6/2009 14:21:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.87	564.47	5445.0	9228.4	643.19
Stddev	.03	2.44	30.1	12.0	1.63
%RSD	.01894	.43176	.55227	.12976	.25286
#1	163.85	566.19	5423.8	9220.0	644.34
#2	163.89	562.75	5466.3	9236.9	642.04

Sample Name: CRI Acquired: 8/6/2009 14:28:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18942	.17584	.17935	.18634	.18709	.31643	.39214
Stddev	.00012	.00379	.00028	.00294	.00036	.00262	.00239
%RSD	.06582	2.1572	.15812	1.5790	.19298	.82714	.60987
#1	.18951	.17316	.17955	.18426	.18684	.31458	.39045
#2	.18933	.17852	.17915	.18842	.18735	.31828	.39383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00947	.09825	.96782	.03849	.09512	.04543	.19261
Stddev	.00003	.00054	.00360	.00071	.00050	.00121	.00056
%RSD	.30654	.54687	.37241	1.8527	.52878	2.6704	.29297
#1	.00945	.09787	.96527	.03798	.09477	.04628	.19221
#2	.00949	.09863	.97037	.03899	.09548	.04457	.19301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09939	.95388	.09438	.04373	.95506	.09343	.09580
Stddev	.00115	.00405	.00086	.00055	.00492	.00007	.00075
%RSD	1.1601	.42439	.91302	1.2635	.51472	.06976	.78152
#1	.10020	.95102	.09377	.04412	.95158	.09338	.09632
#2	.09857	.95674	.09499	.04334	.95854	.09347	.09527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97093	.18890	.17742	F-64.207	F.13009	.18791	.19265
Stddev	.01393	.00036	.00126	.310	.00337	.00083	.00078
%RSD	1.4350	.18905	.70774	.48297	2.5926	.44350	.40609
#1	.98078	.18864	.17831	-64.426	.13248	.18732	.19320
#2	.96108	.18915	.17654	-63.987	.12771	.18850	.19209

Sample Name: CRI Acquired: 8/6/2009 14:28:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 2431.9
#2	z 2405.9

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.41	563.41	5452.6	9366.9	648.40
Stddev	.55	2.17	16.4	2.8	3.30
%RSD	.32984	.38572	.30028	.02966	.50928
#1	165.03	564.94	5441.0	9364.9	650.73
#2	165.80	561.87	5464.2	9368.8	646.06

Sample Name: ICSA Acquired: 8/6/2009 14:35:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01082	.00113	.00782	-.00378	.00467	244.55	.00362	.00087
Stddev	.00272	.00045	.00441	.00122	.00073	.80	.00022	.00014
%RSD	25.151	39.698	56.437	32.265	15.544	.32586	6.2211	15.596
#1	.00890	.00081	.00470	-.00292	.00415	243.99	.00346	.00097
#2	.01275	.00145	.01094	-.00464	.00518	245.12	.00378	.00078

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	242.35	.04256	.00375	.02014	93.147	.02097	254.51
Stddev	.00045	1.06	.00060	.00125	.00123	.373	.00028	.81
%RSD	12.549	.43934	1.4068	33.284	6.1140	.40042	1.3281	.31692
#1	.00388	241.60	.04213	.00464	.01926	92.883	.02077	253.94
#2	.00325	243.10	.04298	.00287	.02101	93.411	.02116	255.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01852	-.00075	.78703	.00356	.05979	.00556	-.00119	.00202
Stddev	.00135	.00084	.00029	.00050	.00143	.00536	.00026	.00011
%RSD	7.3154	111.80	.03640	14.009	2.3868	96.432	22.223	5.6137
#1	.01948	-.00134	.78724	.00321	.06080	.00177	-.00137	.00210
#2	.01756	-.00016	.78683	.00391	.05878	.00935	-.00100	.00194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-15.610	.00150	.00237	-.00495	z*****
Stddev	.374	.01022	.00064	.00023	-----
%RSD	2.3975	680.92	26.811	4.5806	-----
#1	-15.346	.00872	.00283	-.00511	z 2541.8
#2	-15.875	-.00572	.00192	-.00479	z 2543.8

Sample Name: ICSA Acquired: 8/6/2009 14:35:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.29	525.68	5182.1	8866.1	657.51
Stddev	2.44	3.84	9.8	29.2	2.04
%RSD	1.5845	.73130	.18858	.32946	.31008
#1	152.56	522.96	5175.2	8886.8	656.07
#2	156.02	528.40	5189.0	8845.5	658.95

Sample Name: ICSAB Acquired: 8/6/2009 14:41:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10933	.09841	.05573	.04700	.61222	243.13	.49218	.48288
Stddev	.00290	.00345	.00254	.00437	.00385	1.22	.00223	.00219
%RSD	2.6481	3.5092	4.5484	9.3083	.62926	.50349	.45231	.45292
#1	.10728	.09596	.05394	.05009	.61494	242.27	.49061	.48133
#2	.11138	.10085	.05753	.04391	.60949	244.00	.49376	.48442

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94936	242.56	.52909	.47424	.50942	92.675	.49475	252.87
Stddev	.00111	1.04	.00571	.00045	.00392	.353	.00228	1.75
%RSD	.11743	.43036	1.0789	.09461	.76991	.38094	.46139	.69060
#1	.94857	241.82	.52506	.47392	.50664	92.425	.49314	251.63
#2	.95014	243.30	.53313	.47456	.51219	92.924	.49636	254.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99558	.20875	.78167	.48447	.98519	.00654	-.00122	-.00264
Stddev	.00326	.00157	.00025	.00536	.00138	.00396	.00140	.00172
%RSD	.32780	.75109	.03155	1.1064	.13958	60.535	114.94	65.186
#1	.99788	.20764	.78185	.48068	.98422	.00374	-.00221	-.00142
#2	.99327	.20986	.78150	.48826	.98616	.00934	-.00023	-.00385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-15.628	.01131	.00068	-.00573	z*****
Stddev	.154	.01304	.00220	.00006	-----
%RSD	.98616	115.29	323.24	1.0409	-----
#1	-15.519	.02053	.00223	-.00569	z 2539.5
#2	-15.737	.00209	-.00087	-.00577	z 2549.8

Sample Name: ICSAB Acquired: 8/6/2009 14:41:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.74	525.20	5237.9	8964.8	657.09
Stddev	.68	2.24	18.9	45.2	1.40
%RSD	.43349	.42634	.36122	.50419	.21236
#1	157.25	523.62	5251.3	8996.8	656.10
#2	158.22	526.79	5224.5	8932.9	658.07

Sample Name: CCV Acquired: 8/6/2009 14:48:16 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8579	4.6703	4.7490	4.7710	4.8032	9.1984	9.6166	.23762
Stddev	.0098	.0174	.0101	.0062	.0073	.0008	.0008	.00024
%RSD	.20243	.37193	.21214	.12986	.15192	.00851	.00803	.09901
#1	4.8510	4.6826	4.7561	4.7754	4.7980	9.1978	9.6160	.23779
#2	4.8649	4.6580	4.7418	4.7666	4.8084	9.1989	9.6171	.23745

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4098	23.856	.96944	2.3936	1.1810	4.7770	2.4068	23.641
Stddev	.0058	.032	.00459	.0064	.0017	.0051	.0004	.090
%RSD	.24132	.13239	.47349	.26714	.14775	.10682	.01438	.38120
#1	2.4139	23.834	.97268	2.3981	1.1822	4.7806	2.4071	23.577
#2	2.4057	23.878	.96619	2.3891	1.1797	4.7734	2.4066	23.704

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4096	1.1888	23.607	2.3572	2.3707	23.849	4.8538	4.5994
Stddev	.0022	.0001	.021	.0034	.0568	.109	.0118	.0055
%RSD	.09010	.00774	.09090	.14656	2.3973	.45622	.24198	.11981
#1	2.4111	1.1887	23.622	2.3597	2.3305	23.926	4.8621	4.5955
#2	2.4081	1.1889	23.592	2.3548	2.4109	23.772	4.8455	4.6033

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F7.4170	F3.4799	4.8423	4.8186	zF*****
Stddev	.7311	.0196	.0055	.0201	-----
%RSD	9.8575	.56275	.11249	.41726	-----
#1	7.9340	3.4937	4.8384	4.8328	z 2414.2
#2	6.9000	3.4661	4.8461	4.8044	z 2452.6

Sample Name: CCV Acquired: 8/6/2009 14:48:16 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.08	553.97	5447.5	9357.4	658.82
Stddev	4.37	.37	4.4	8.2	.07
%RSD	2.6462	.06762	.08084	.08734	.01026
#1	168.17	554.24	5450.6	9363.2	658.77
#2	161.99	553.71	5444.4	9351.6	658.87

Sample Name: CCB Acquired: 8/6/2009 14:54:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00458	-.00114	.00007	.00242	.00600	.00080	-.00010
Stddev	.00156	.00008	.00158	.00113	.00017	.01011	.00060	.00004
%RSD	184.63	1.8394	138.88	1527.0	7.0202	168.52	75.349	36.486
#1	.00026	.00464	-.00002	-.00072	.00254	-.00115	.00122	-.00012
#2	-.00195	.00452	-.00226	.00087	.00230	.01315	.00037	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00741	-.00003	.00062	.00044	-.00583	-.00001	-.00555
Stddev	.00015	.00193	.00112	.00047	.00084	.00051	.00014	.00172
%RSD	127.22	26.071	3352.7	75.791	190.50	8.7404	1642.0	31.055
#1	-.00023	.00605	.00076	.00029	.00103	-.00620	.00009	-.00433
#2	-.00001	.00878	-.00083	.00095	-.00015	-.00547	-.00011	-.00677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00019	-.00838	.00003	.00193	.00218	.00033	.00152
Stddev	.00141	.00003	.00115	.00033	.00024	.02177	.00013	.00025
%RSD	2643.3	17.684	13.684	1219.6	12.701	999.82	40.660	16.350
#1	-.00095	-.00021	-.00757	.00026	.00175	-.01322	.00023	.00134
#2	.00105	-.00017	-.00920	-.00021	.00210	.01757	.00042	.00170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.4537	.00412	-.00055	.00062	z*****
Stddev	.4248	.01030	.00089	.00013	-----
%RSD	7.7896	249.78	162.00	20.975	-----
#1	5.7541	-.00316	-.00118	.00071	z 2435.5
#2	5.1533	.01140	.00008	.00053	z 2423.8

Sample Name: CCB Acquired: 8/6/2009 14:54:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.59	560.37	5365.9	9235.4	640.09
Stddev	.01	.37	57.4	50.9	.15
%RSD	.00665	.06646	1.0690	.55110	.02283
#1	165.60	560.63	5325.3	9199.4	639.99
#2	165.58	560.10	5406.4	9271.4	640.20

Sample Name: PB43884BL Acquired: 8/6/2009 15:01:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	-.00992	-.00054	.00095	-.00024	-.00571	-.00253	-.00016
Stddev	.00085	.00055	.00184	.00262	.00226	.01268	.00005	.00000
%RSD	16.464	5.5127	338.82	275.38	962.30	222.05	2.1574	1.5237
#1	-.00577	-.01031	.00076	-.00090	-.00183	.00326	-.00249	-.00016
#2	-.00456	-.00953	-.00184	.00281	.00136	-.01468	-.00257	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00786	.00031	.00072	-.00080	-.00438	-.00017	.01037
Stddev	.00045	.00079	.00046	.00020	.00042	.00247	.00012	.00207
%RSD	152.02	10.048	151.52	27.201	52.000	56.337	67.998	19.918
#1	.00002	-.00841	.00063	.00058	-.00051	-.00264	-.00009	.00891
#2	-.00061	-.00730	-.00002	.00086	-.00110	-.00613	-.00025	.01183

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00055	-.00228	-.00003	-.00163	.00880	.00085	.00097
Stddev	.00116	.00027	.00186	.00029	.00033	.00035	.00022	.00127
%RSD	126.41	50.195	81.889	884.49	19.975	4.0327	25.919	131.85
#1	-.00010	-.00035	-.00360	.00017	-.00186	.00905	.00069	.00007
#2	-.00174	-.00074	-.00096	-.00024	-.00140	.00855	.00100	.00187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.772	-.01488	-.00064	-.00068	z*****
Stddev	.100	.01590	.00008	.00007	-----
%RSD	.85019	106.89	12.930	10.127	-----
#1	11.701	-.02613	-.00069	-.00063	z 2439.0
#2	11.842	-.00363	-.00058	-.00073	z 2632.2

Sample Name: PB43884BL Acquired: 8/6/2009 15:01:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	176.87	555.72	5660.0	9665.6	628.00
Stddev	14.05	6.72	169.1	277.4	10.41
%RSD	7.9428	1.2101	2.9868	2.8701	1.6574
#1	166.93	560.47	5540.5	9469.4	635.36
#2	186.80	550.96	5779.5	9861.8	620.64

Sample Name: ZZZZZZ Acquired: 8/6/2009 15:08:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68031	F1.5818	.84051	F1.5795	.77651	F1.5632	.18539	.17727
Stddev	.00716	.0068	.01040	.0075	.00603	.0043	.00151	.00002
%RSD	1.0526	.42901	1.2374	.47690	.77664	.27735	.81228	.00972
#1	.68537	1.5866	.84787	1.5848	.78077	1.5601	.18645	.17728
#2	.67524	1.5770	.83316	1.5742	.77225	1.5663	.18432	.17726

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18091	.90405	.34804	.17697	.25145	2.7004	.18069	1.7319
Stddev	.00116	.00461	.00385	.00121	.00001	.0035	.00061	.0065
%RSD	.64374	.50945	1.1070	.68354	.00445	.13011	.33530	.37367
#1	.18173	.90080	.34532	.17782	.25145	2.7029	.18026	1.7364
#2	.18009	.90731	.35077	.17611	.25144	2.6979	.18112	1.7273

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43932	F.05923	2.6279	.25599	.17031	8.8693	.39456	.24642
Stddev	.00196	.00030	.0223	.00216	.00055	.0511	.00239	.00377
%RSD	.44558	.50787	.84839	.84219	.32421	.57605	.60624	1.5287
#1	.44071	.05902	2.6437	.25447	.16992	8.9054	.39625	.24375
#2	.43794	.05944	2.6122	.25752	.17070	8.8332	.39287	.24908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F12.463	F.64950	.69443	.20035	zF*****
Stddev	.728	.01439	.00588	.00043	-----
%RSD	5.8379	2.2148	.84712	.21239	-----
#1	11.949	.65967	.69859	.20065	z 5606.2
#2	12.978	.63933	.69027	.20005	z 5583.5

Sample Name: ZZZZZZ Acquired: 8/6/2009 15:08:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.47	552.05	5459.2	9214.6	638.22
Stddev	1.20	4.06	16.9	20.2	4.66
%RSD	.71735	.73522	.30979	.21924	.72940
#1	168.32	549.18	5471.1	9200.3	634.92
#2	166.63	554.92	5447.2	9228.9	641.51

Sample Name: A3824-04 Acquired: 8/6/2009 15:14:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00554	-.01226	.01003	.00196	.00397	.09903	.39965	-.00026
Stddev	.00048	.00120	.00182	.00017	.00175	.00120	.00220	.00009
%RSD	8.5788	9.7607	18.137	8.6017	44.179	1.2102	.55097	35.349
#1	.00588	-.01311	.01131	.00184	.00521	.09988	.39809	-.00033
#2	.00520	-.01142	.00874	.00208	.00273	.09819	.40121	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	128.22	-.00073	-.00024	.00485	.46893	2.5029	131.96
Stddev	.00015	.60	.00031	.00022	.00139	.00028	.0175	.67
%RSD	37.236	.47072	42.141	92.934	28.636	.05952	.69867	.50712
#1	-.00051	127.79	-.00095	-.00039	.00387	.46913	2.4905	131.49
#2	-.00030	128.65	-.00051	-.00008	.00583	.46873	2.5152	132.43

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	-.00101	905.65	.00214	.02883	127.93	.02016	.75768
Stddev	.00073	.00090	3.07	.00022	.00003	.38	.00052	.00883
%RSD	13.583	89.358	.33913	10.247	.09772	.29746	2.5803	1.1652
#1	.00488	-.00165	903.48	.00229	.02885	127.66	.02052	.75144
#2	.00592	-.00037	907.82	.00198	.02881	128.20	.01979	.76392

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-21710.	7.3417	.00457	-.00179	z*****
Stddev	327.	.0817	.00106	.00005	-----
%RSD	1.5077	1.1125	23.161	2.6635	-----
#1	-21479.	7.2840	.00531	-.00183	z 2895.1
#2	-21941.	7.3995	.00382	-.00176	z 2894.6

Sample Name: A3824-04 Acquired: 8/6/2009 15:14:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	147.01	545.95	4860.0	8412.1	675.78
Stddev	.46	4.69	21.8	29.6	7.62
%RSD	.31422	.85869	.44914	.35146	1.1279
#1	147.34	549.26	4875.4	8433.0	681.17
#2	146.69	542.63	4844.5	8391.2	670.39

Sample Name: A3824-03 Acquired: 8/6/2009 15:21:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00498	-.00868	.01249	.00379	.00427	.15419	.41047	-.00031
Stddev	.00154	.00298	.00063	.00197	.00205	.00069	.00196	.00005
%RSD	30.905	34.330	5.0084	52.106	47.956	.44884	.47734	15.934
#1	.00607	-.00657	.01293	.00239	.00572	.15370	.41185	-.00034
#2	.00389	-.01079	.01205	.00518	.00282	.15468	.40908	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	128.33	.00033	-.00006	.00990	1.4895	2.5131	131.89
Stddev	.00005	.17	.00009	.00039	.00090	.0005	.0050	.01
%RSD	21.255	.13358	27.739	628.00	9.0633	.03474	.19722	.00422
#1	-.00020	128.45	.00026	.00021	.00926	1.4892	2.5166	131.89
#2	-.00027	128.21	.00039	-.00034	.01053	1.4899	2.5096	131.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	-.00010	906.42	.00390	.01593	129.46	.02044	.75718
Stddev	.00046	.00049	7.02	.00094	.00007	.37	.00024	.00474
%RSD	8.7054	495.34	.77434	24.097	.42555	.28797	1.1876	.62559
#1	.00494	.00025	911.38	.00456	.01598	129.72	.02027	.76053
#2	.00559	-.00045	901.46	.00323	.01589	129.20	.02061	.75383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-21132.	7.4122	.00373	.00012	z*****
Stddev	62.	.0158	.00060	.00025	-----
%RSD	.29522	.21266	16.097	204.46	-----
#1	-21088.	7.4010	.00331	.00029	z 2885.7
#2	-21176.	7.4233	.00416	-.00005	z 2898.0

Sample Name: A3824-03 Acquired: 8/6/2009 15:21:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	147.57	553.59	4857.3	8385.3	686.26
Stddev	2.99	.15	24.5	47.4	.88
%RSD	2.0265	.02766	.50405	.56489	.12800
#1	145.45	553.48	4840.0	8351.8	685.64
#2	149.68	553.70	4874.6	8418.8	686.88

Sample Name: A3824-03D Acquired: 8/6/2009 15:28:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	-.01060	.01287	.00378	.00415	.15360	.41175	-.00025
Stddev	.00086	.00139	.00071	.00046	.00030	.00436	.00035	.00003
%RSD	23.827	13.096	5.4865	12.215	7.2278	2.8416	.08593	11.556
#1	.00419	-.00961	.01337	.00346	.00393	.15669	.41200	-.00023
#2	.00298	-.01158	.01237	.00411	.00436	.15051	.41150	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	129.29	.00232	-.00048	.00869	1.4758	2.4950	131.46
Stddev	.00022	.62	.00105	.00033	.00054	.0054	.0117	.41
%RSD	45.370	.47863	45.413	69.027	6.2472	.36706	.46715	.31279
#1	-.00033	128.85	.00307	-.00072	.00831	1.4796	2.4867	131.17
#2	-.00065	129.73	.00158	-.00025	.00907	1.4720	2.5032	131.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00412	-.00094	907.04	.00351	.01714	128.51	.02018	.75532
Stddev	.00033	.00013	10.89	.00010	.00022	.12	.00025	.00449
%RSD	8.0202	14.103	1.2000	2.9488	1.2950	.09013	1.2427	.59458
#1	.00388	-.00084	899.34	.00344	.01730	128.43	.02036	.75215
#2	.00435	-.00103	914.74	.00358	.01699	128.59	.02001	.75850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-21031.	7.4542	.00548	.00049	z*****
Stddev	54.	.0293	.00018	.00100	-----
%RSD	.25754	.39253	3.2138	203.97	-----
#1	-21069.	7.4335	.00535	.00120	z 2869.9
#2	-20993.	7.4748	.00560	-.00022	z 2924.2

Sample Name: A3824-03D Acquired: 8/6/2009 15:28:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	147.85	554.44	4940.5	8394.0	685.93
Stddev	1.99	2.98	18.4	9.7	3.52
%RSD	1.3435	.53662	.37157	.11569	.51338
#1	146.45	552.34	4953.4	8400.9	683.44
#2	149.26	556.55	4927.5	8387.2	688.42

Sample Name: A3824-03L Acquired: 8/6/2009 15:34:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	-.00182	.00187	-.00019	.00045	.04817	.08880	-.00006
Stddev	.00200	.00061	.00039	.00024	.00075	.00687	.00057	.00003
%RSD	199.01	33.371	20.860	126.49	165.82	14.257	.64682	46.654
#1	-.00241	-.00224	.00160	-.00002	.00098	.04332	.08921	-.00004
#2	.00041	-.00139	.00215	-.00037	-.00008	.05303	.08840	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.258	-.00078	.00034	.00184	.31553	.54136	27.099
Stddev	.00001	.170	.00063	.00036	.00012	.00298	.00386	.274
%RSD	14.746	.62483	80.471	104.77	6.4765	.94378	.71228	1.0098
#1	-.00007	27.379	-.00122	.00060	.00175	.31763	.54408	27.293
#2	-.00009	27.138	-.00034	.00009	.00192	.31342	.53863	26.906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00034	202.15	.00063	.00491	26.975	.00427	.14852
Stddev	.00030	.00054	2.43	.00076	.00039	.185	.00020	.00261
%RSD	16.812	158.46	1.2032	120.21	8.0192	.68496	4.6182	1.7563
#1	.00159	.00004	203.87	.00116	.00519	27.106	.00441	.15036
#2	.00202	-.00073	200.43	.00009	.00463	26.844	.00413	.14667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-4726.8	1.5246	.00136	-.00056	z*****
Stddev	2.3	.0305	.00013	.00043	-----
%RSD	.04897	2.0020	9.3004	77.611	-----
#1	-4725.2	1.5462	.00145	-.00025	z 2499.4
#2	-4728.5	1.5030	.00127	-.00087	z 2505.7

Sample Name: A3824-03L Acquired: 8/6/2009 15:34:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.98	564.49	5208.4	8902.1	696.55
Stddev	4.16	.03	19.3	16.9	1.90
%RSD	2.6531	.00543	.36959	.19008	.27206
#1	154.03	564.47	5194.8	8890.2	697.89
#2	159.92	564.51	5222.0	8914.1	695.21

Sample Name: A3824-03A Acquired: 8/6/2009 15:41:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71568	2.1139	1.0046	1.5300	.73974	2.7741	.61092	.20006
Stddev	.00132	.0034	.0030	.0109	.00059	.0031	.00160	.00042
%RSD	.18447	.16044	.29715	.71111	.07926	.11092	.26197	.21128
#1	.71661	2.1163	1.0067	1.5376	.74015	2.7720	.61205	.19976
#2	.71474	2.1115	1.0024	1.5223	.73932	2.7763	.60979	.20036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18160	128.24	.41580	.18930	.32675	4.4261	2.6733	131.99
Stddev	.00017	.28	.00141	.00025	.00141	.0086	.0082	.45
%RSD	.09407	.21812	.33956	.13141	.43076	.19539	.30577	.34276
#1	.18172	128.04	.41480	.18912	.32576	4.4200	2.6675	131.67
#2	.18147	128.44	.41680	.18948	.32775	4.4322	2.6791	132.31

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47998	.08239	893.23	.31826	.21038	137.91	.39803	1.0497
Stddev	.00064	.00053	4.20	.00164	.00084	.12	.00175	.0063
%RSD	.13409	.64177	.47073	.51581	.40087	.08351	.43972	.60043
#1	.48043	.08202	896.20	.31710	.21098	137.99	.39926	1.0541
#2	.47952	.08277	890.25	.31942	.20978	137.82	.39679	1.0452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-20651.	8.0140	.67652	.19736	z*****
Stddev	34.	.0541	.00129	.00080	-----
%RSD	.16633	.67494	.19139	.40377	-----
#1	-20675.	8.0522	.67743	.19792	z 6109.4
#2	-20627.	7.9757	.67560	.19679	z 6081.2

Sample Name: A3824-03A Acquired: 8/6/2009 15:41:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	149.81	554.02	4957.1	8341.7	686.17
Stddev	.42	3.04	5.6	8.3	1.80
%RSD	.27835	.54900	.11238	.10008	.26267
#1	149.52	551.87	4961.0	8335.8	684.89
#2	150.10	556.17	4953.1	8347.6	687.44

Sample Name: A3824-03S Acquired: 8/6/2009 15:48:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66729	1.9539	.93653	1.4281	.69100	2.6231	.59071	.18608
Stddev	.00338	.0068	.00005	.0083	.00241	.0171	.00019	.00041
%RSD	.50673	.34639	.00481	.58497	.34903	.65178	.03224	.21833
#1	.66490	1.9491	.93656	1.4222	.68930	2.6110	.59084	.18636
#2	.66968	1.9587	.93650	1.4340	.69271	2.6351	.59057	.18579

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16909	126.67	.38828	.17748	.30150	4.1619	2.6197	129.87
Stddev	.00046	.14	.00171	.00108	.00140	.0034	.0141	.62
%RSD	.27070	.10818	.43943	.60854	.46468	.08191	.53863	.47637
#1	.16877	126.58	.38949	.17672	.30249	4.1643	2.6098	129.43
#2	.16942	126.77	.38708	.17825	.30051	4.1595	2.6297	130.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44848	.07761	875.13	.29428	.19523	134.84	.37054	1.0134
Stddev	.00126	.00010	3.00	.00114	.00087	.08	.00007	.0015
%RSD	.28061	.12328	.34274	.38590	.44642	.05637	.01996	.15222
#1	.44759	.07755	877.25	.29508	.19461	134.78	.37049	1.0123
#2	.44937	.07768	873.01	.29347	.19585	134.89	.37059	1.0145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-20578.	7.7913	.62916	.18347	z*****
Stddev	80.	.0128	.00067	.00084	-----
%RSD	.38972	.16486	.10710	.45915	-----
#1	-20521.	7.8004	.62868	.18407	z 5865.3
#2	-20634.	7.7822	.62964	.18288	z 5879.6

Sample Name: A3824-03S Acquired: 8/6/2009 15:48:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	149.28	554.05	4981.8	8404.1	687.68
Stddev	1.53	1.87	5.6	6.5	3.75
%RSD	1.0259	.33718	.11316	.07691	.54556
#1	150.36	555.37	4977.9	8408.7	690.33
#2	148.20	552.73	4985.8	8399.5	685.02

Sample Name: A3824-03SD Acquired: 8/6/2009 15:54:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69192	2.0271	.97042	1.4821	.71936	2.7375	.62545	.19376
Stddev	.00110	.0063	.00213	.0042	.00351	.0012	.00487	.00081
%RSD	.15878	.31040	.22000	.27992	.48742	.04335	.77817	.41917
#1	.69270	2.0227	.97193	1.4791	.71688	2.7367	.62201	.19319
#2	.69114	2.0316	.96891	1.4850	.72184	2.7384	.62889	.19434

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17389	135.14	.40342	.18250	.31477	4.3610	2.7890	139.07
Stddev	.00001	.92	.00093	.00071	.00210	.0388	.0111	.76
%RSD	.00742	.67790	.23064	.39103	.66793	.89059	.39702	.54597
#1	.17390	134.49	.40276	.18199	.31329	4.3336	2.7811	138.53
#2	.17388	135.79	.40408	.18300	.31626	4.3885	2.7968	139.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46359	.08020	942.43	.30711	.20189	143.83	.38383	1.0837
Stddev	.00227	.00047	2.97	.00049	.00343	.52	.00011	.0053
%RSD	.48931	.58771	.31463	.15974	1.7013	.36381	.02945	.48620
#1	.46519	.08053	940.33	.30677	.19946	143.46	.38375	1.0800
#2	.46198	.07987	944.53	.30746	.20432	144.20	.38391	1.0874

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-21937.	8.4088	.65577	.18916	z*****
Stddev	40.	.1210	.00252	.00228	-----
%RSD	.18042	1.4389	.38464	1.2044	-----
#1	-21909.	8.3233	.65755	.18755	z 5976.7
#2	-21965.	8.4944	.65398	.19077	z 5999.4

Sample Name: A3824-03SD Acquired: 8/6/2009 15:54:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	148.93	549.19	4917.3	8317.9	684.64
Stddev	3.41	.05	4.6	43.8	.36
%RSD	2.2870	.00945	.09363	.52628	.05222
#1	151.34	549.15	4914.0	8348.8	684.89
#2	146.53	549.22	4920.6	8286.9	684.39

Sample Name: A3822-01 Acquired: 8/6/2009 16:01:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01641	-.02544	.00371	.01540	.00256	.20160	.01917	-.00029
Stddev	.00029	.00033	.00033	.00128	.00222	.00256	.00011	.00004
%RSD	1.7537	1.2854	9.0246	8.3197	86.553	1.2703	.58895	12.768
#1	-.01621	-.02567	.00347	.01450	.00099	.19979	.01925	-.00027
#2	-.01662	-.02521	.00395	.01631	.00413	.20341	.01909	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	13.703	.00516	-.00053	.14219	.16848	.02097	3.5889
Stddev	.00013	.048	.00109	.00066	.00033	.00030	.00028	.0054
%RSD	16.925	.34689	21.131	125.16	.23334	.17840	1.3152	.15061
#1	-.00066	13.669	.00593	-.00100	.14243	.16869	.02078	3.5851
#2	-.00084	13.737	.00439	-.00006	.14196	.16827	.02117	3.5927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00080	456.39	.00049	.02658	206.58	.00091	.03047
Stddev	.00071	.00018	4.35	.00016	.00068	.19	.00041	.00190
%RSD	52.116	22.310	.95318	31.823	2.5643	.09097	44.969	6.2262
#1	.00186	-.00093	459.47	.00060	.02610	206.45	.00062	.02913
#2	.00086	-.00067	453.31	.00038	.02707	206.72	.00121	.03181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-24034.	1.8559	.01453	.00036	z*****
Stddev	93.	.0055	.00204	.00029	-----
%RSD	.38589	.29829	14.063	79.165	-----
#1	-23969.	1.8598	.01598	.00057	z 2455.0
#2	-24100.	1.8519	.01309	.00016	z 2465.0

Sample Name: A3822-01 Acquired: 8/6/2009 16:01:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.31	555.15	5070.1	8739.9	692.60
Stddev	1.52	1.75	21.7	9.7	.59
%RSD	.99294	.31588	.42845	.11132	.08589
#1	154.39	553.91	5054.8	8733.1	692.18
#2	152.24	556.39	5085.5	8746.8	693.02

Sample Name: CCV Acquired: 8/6/2009 16:08:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0510	4.6499	4.6972	5.0152	4.9835	9.3946	9.8402	.23872
Stddev	.0169	.0087	.0130	.0331	.0260	.0732	.0949	.00197
%RSD	.33534	.18640	.27683	.66095	.52148	.77938	.96402	.82324
#1	5.0630	4.6438	4.6880	5.0387	5.0018	9.4464	9.9072	.24011
#2	5.0390	4.6560	4.7064	4.9918	4.9651	9.3429	9.7731	.23733

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3736	23.754	.95055	2.3722	1.1738	4.8098	2.3910	23.484
Stddev	.0065	.026	.00298	.0025	.0042	.0204	.0077	.072
%RSD	.27378	.10962	.31363	.10677	.35856	.42366	.32261	.30758
#1	2.3690	23.772	.95265	2.3704	1.1768	4.8242	2.3964	23.535
#2	2.3782	23.735	.94844	2.3740	1.1708	4.7954	2.3855	23.433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3912	1.1851	24.467	2.3367	2.3650	24.650	4.8881	4.6002
Stddev	.0109	.0014	.161	.0248	.0391	.144	.0295	.0308
%RSD	.45394	.11719	.65952	1.0608	1.6523	.58328	.60424	.67006
#1	2.3835	1.1842	24.581	2.3542	2.3926	24.752	4.9090	4.6220
#2	2.3988	1.1861	24.353	2.3192	2.3374	24.548	4.8672	4.5785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F2.3848	F3.5060	4.7888	4.8770	zF*****
Stddev	.4359	.0292	.0173	.0143	-----
%RSD	18.278	.83257	.36140	.29401	-----
#1	2.0766	3.5267	4.7765	4.8871	z 2334.0
#2	2.6931	3.4854	4.8010	4.8668	z 2350.6

Sample Name: CCV Acquired: 8/6/2009 16:08:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.99	535.25	5420.5	9276.9	647.90
Stddev	2.58	3.27	20.6	65.3	1.12
%RSD	1.6250	.61135	.38077	.70355	.17297
#1	157.17	532.93	5405.9	9230.7	648.69
#2	160.82	537.56	5435.1	9323.0	647.11

Sample Name: CCB Acquired: 8/6/2009 16:14:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	.00176	-.00279	-.00310	.00270	.03264	-.00275	-.00006
Stddev	.00132	.00530	.00247	.00091	.00049	.00875	.00091	.00006
%RSD	129.74	301.65	88.582	29.351	18.028	26.801	33.068	99.307
#1	-.00196	.00550	-.00104	-.00375	.00236	.03883	-.00211	-.00002
#2	-.00008	-.00199	-.00454	-.00246	.00304	.02646	-.00339	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00418	.00031	.00036	.00007	-.00572	-.00001	.00411
Stddev	.0001	.00186	.00113	.00082	.00019	.00134	.00018	.01088
%RSD	4209.0	44.431	366.97	230.66	248.63	23.426	1763.8	264.86
#1	-.00010	.00549	-.00049	.00093	-.00006	-.00477	.00012	-.00359
#2	.00009	.00287	.00110	-.00022	.00021	-.00667	-.00014	.01180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00076	.07435	.00009	-.00018	.10852	.00030	.00081
Stddev	.00159	.00013	.00057	.00043	.00056	.00885	.00022	.00006
%RSD	273.92	17.520	.76120	475.97	313.25	8.1592	73.354	7.3729
#1	.00054	-.00067	.07475	-.00022	-.00057	.10226	.00014	.00085
#2	-.00170	-.00086	.07395	.00040	.00022	.11478	.00045	.00077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F3.2443	-.00221	-.00003	.00052	z*****
Stddev	.3675	.00708	.00137	.00009	-----
%RSD	11.328	320.87	4101.0	17.767	-----
#1	3.5041	-.00721	-.00101	.00059	z 2357.8
#2	2.9844	.00280	.00094	.00046	z 2366.9

Sample Name: CCB Acquired: 8/6/2009 16:14:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.52	546.08	5528.9	9416.8	632.07
Stddev	.35	2.77	16.7	72.0	.00
%RSD	.21168	.50803	.30227	.76504	.00075
#1	164.27	544.12	5517.1	9365.8	632.07
#2	164.76	548.04	5540.7	9467.7	632.07

Sample Name: PB43882BL Acquired: 8/6/2009 16:21:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	.00151	-.00048	-.00016	.00085	.03174	-.00156	-.00001
Stddev	.00138	.00028	.00475	.00025	.00144	.00293	.00005	.00006
%RSD	62.593	18.551	991.10	155.69	170.23	9.2360	3.3168	544.13
#1	-.00319	.00171	.00288	.00002	.00187	.02967	-.00160	-.00005
#2	-.00123	.00131	-.00384	-.00034	-.00017	.03381	-.00152	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01053	-.00004	.00024	.00008	-.00609	-.00019	.00301
Stddev	.00041	.00356	.00018	.00013	.00046	.00359	.00019	.00104
%RSD	5710.4	33.780	441.24	52.813	601.70	59.000	98.261	34.493
#1	-.00030	.00802	-.00017	.00033	-.00025	-.00355	-.00032	.00375
#2	.00028	.01305	.00009	.00015	.00041	-.00863	-.00006	.00228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00006	.04673	-.00125	.00196	.08079	-.00003	-.00124
Stddev	.00108	.00082	.00003	.00023	.00039	.00256	.00002	.00037
%RSD	211.82	1409.3	.07415	18.105	20.059	3.1698	73.253	29.894
#1	-.00127	.00064	.04675	-.00109	.00169	.07898	-.00001	-.00098
#2	.00025	-.00052	.04670	-.00141	.00224	.08260	-.00004	-.00150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F3.8135	.00266	-.00014	-.00041	z*****
Stddev	.5245	.00645	.00007	.00032	-----
%RSD	13.753	242.53	45.596	76.312	-----
#1	3.4426	-.00190	-.00010	-.00019	z 2369.4
#2	4.1843	.00722	-.00019	-.00064	z 2377.6

Sample Name: PB43882BL Acquired: 8/6/2009 16:21:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.90	550.95	5471.5	9436.2	634.55
Stddev	.18	3.27	19.4	32.0	4.95
%RSD	.11132	.59423	.35403	.33946	.77967
#1	165.03	553.26	5457.8	9413.5	638.05
#2	164.77	548.63	5485.2	9458.8	631.05

Sample Name: PB43882BS Acquired: 8/6/2009 16:27:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79298	1.7781	.93103	1.9126	.78533	1.7813	.20862	.19466
Stddev	.00428	.0001	.00296	.0018	.00042	.0207	.00133	.00123
%RSD	.53984	.00610	.31799	.09373	.05344	1.1635	.63879	.62940
#1	.78996	1.7782	.92893	1.9113	.78503	1.7959	.20956	.19552
#2	.79601	1.7780	.93312	1.9138	.78563	1.7666	.20767	.19379

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19852	1.0321	.39283	.19511	.28002	3.0168	.20283	1.9239
Stddev	.00003	.0005	.00078	.00024	.00191	.0179	.00006	.0498
%RSD	.01335	.05040	.19808	.12222	.68217	.59424	.02750	2.5890
#1	.19850	1.0324	.39228	.19528	.28137	3.0295	.20287	1.9591
#2	.19854	1.0317	.39338	.19494	.27867	3.0041	.20279	1.8887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48971	.06783	2.9954	.28413	.19470	10.084	.38796	.27774
Stddev	.00043	.00116	.0088	.00220	.00033	.044	.00096	.00163
%RSD	.08770	1.7144	.29332	.77275	.16882	.43502	.24724	.58813
#1	.48940	.06866	3.0016	.28568	.19446	10.115	.38864	.27890
#2	.49001	.06701	2.9892	.28258	.19493	10.053	.38729	.27659

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F4.8230	F.65399	.67315	.19689	zF*****
Stddev	.1334	.02380	.00317	.00103	-----
%RSD	2.7648	3.6398	.47113	.52558	-----
#1	4.9173	.67082	.67091	.19762	z 5984.7
#2	4.7287	.63716	.67540	.19616	z 5988.8

Sample Name: PB43882BS Acquired: 8/6/2009 16:27:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.83	553.68	5460.9	9317.9	650.45
Stddev	.34	.40	3.3	51.5	1.47
%RSD	.20436	.07152	.05952	.55289	.22576
#1	166.59	553.96	5463.2	9281.5	649.41
#2	167.07	553.40	5458.6	9354.3	651.48

Sample Name: A3830-01 Acquired: 8/6/2009 16:34:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06105	-.03122	.27227	.00846	.00826	245.37	.97334	.00718
Stddev	.00353	.00113	.00215	.00012	.00043	1.17	.00565	.00011
%RSD	5.7777	3.6046	.79148	1.3806	5.1592	.47525	.58081	1.5467
#1	.06354	-.03042	.27075	.00854	.00856	246.19	.96934	.00725
#2	.05855	-.03201	.27379	.00838	.00795	244.55	.97733	.00710

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01027	36.661	.21133	.11370	.61951	169.81	12.221	43.717
Stddev	.00081	.138	.00010	.00009	.00062	.22	.002	.085
%RSD	7.8687	.37642	.04934	.07935	.10069	.12972	.01944	.19506
#1	.00969	36.564	.21126	.11364	.61995	169.65	12.219	43.657
#2	.01084	36.759	.21141	.11376	.61907	169.96	12.223	43.778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22112	-.00009	2.3536	.29927	1.0539	8.1936	.01373	.21089
Stddev	.00057	.00062	.0086	.00010	.0116	.0189	.00080	.00100
%RSD	.25672	665.89	.36445	.03225	1.1022	.23063	5.8175	.47468
#1	.22072	.00034	2.3476	.29933	1.0457	8.2070	.01430	.21018
#2	.22152	-.00053	2.3597	.29920	1.0621	8.1803	.01317	.21159

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-3854.0	5.4899	.07289	1.8133	z*****
Stddev	23.2	.0442	.00103	.0008	-----
%RSD	.60074	.80466	1.4165	.04708	-----
#1	-3837.6	5.4587	.07216	1.8127	z 6985.9
#2	-3870.4	5.5212	.07362	1.8139	z 7040.6

Sample Name: A3830-01 Acquired: 8/6/2009 16:34:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	186.00	615.37	6201.7	10610.	649.09
Stddev	1.36	.47	49.1	47.	1.19
%RSD	.73165	.07584	.79240	.44251	.18302
#1	186.96	615.04	6167.0	10577.	649.93
#2	185.04	615.70	6236.5	10643.	648.25

Sample Name: A3830-02 Acquired: 8/6/2009 16:41:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01066	-.03884	.19509	.01562	.00559	22.535	.53436	.00106
Stddev	.00107	.00125	.00317	.00298	.00027	.168	.00106	.00003
%RSD	10.022	3.2062	1.6267	19.052	4.8658	.74462	.19787	3.2551
#1	-.00990	-.03796	.19733	.01351	.00578	22.416	.53361	.00104
#2	-.01141	-.03972	.19284	.01772	.00539	22.654	.53510	.00108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	101.23	.04090	.02365	.09691	33.165	3.1494	17.723
Stddev	.00016	.70	.00076	.00029	.00036	.247	.0219	.181
%RSD	6.8668	.68774	1.8564	1.2202	.37175	.74413	.69643	1.0201
#1	.00218	100.74	.04143	.02345	.09665	32.990	3.1339	17.595
#2	.00240	101.72	.04036	.02386	.09716	33.340	3.1649	17.851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03983	-.00073	1.8388	.04810	.44311	22.187	.00305	.19434
Stddev	.00043	.00011	.0051	.00015	.00312	.089	.00061	.00217
%RSD	1.0862	15.208	.27821	.31395	.70488	.40040	20.039	1.1187
#1	.03952	-.00081	1.8352	.04799	.44090	22.124	.00262	.19281
#2	.04013	-.00066	1.8424	.04820	.44532	22.250	.00348	.19588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-2244.5	3.0691	.01442	.64054	z*****
Stddev	8.4	.0586	.00045	.00626	-----
%RSD	.37325	1.9079	3.1086	.97731	-----
#1	-2238.6	3.0277	.01474	.63611	z 3083.5
#2	-2250.4	3.1105	.01410	.64496	z 3083.7

Sample Name: A3830-02 Acquired: 8/6/2009 16:41:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.74	548.85	5655.3	9784.0	634.23
Stddev	.08	.99	17.7	50.9	1.61
%RSD	.04593	.18037	.31257	.52007	.25345
#1	166.79	549.55	5667.8	9820.0	635.37
#2	166.68	548.15	5642.8	9748.1	633.10

Sample Name: A3813-03 Acquired: 8/6/2009 16:47:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08415	-.03547	.42303	.00976	.00911	15.273	.45286	.00281
Stddev	.00366	.00345	.00224	.00132	.00140	.108	.00212	.00010
%RSD	4.3498	9.7248	.52902	13.531	15.423	.70508	.46742	3.4430
#1	.08156	-.03303	.42144	.00883	.01010	15.197	.45137	.00288
#2	.08674	-.03791	.42461	.01069	.00812	15.350	.45436	.00274

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	20.721	.03821	.02467	.19055	91.787	.73381	5.9080
Stddev	.00010	.092	.00054	.00039	.00408	.754	.00802	.0236
%RSD	5.8667	.44359	1.4189	1.5738	2.1434	.82151	1.0923	.39923
#1	.00185	20.656	.03860	.02495	.18767	91.254	.72814	5.8913
#2	.00170	20.786	.03783	.02440	.19344	92.321	.73948	5.9247

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05534	-.00116	1.2803	.07244	.36009	1.9105	.02004	.00862
Stddev	.00027	.00014	.0058	.00155	.00172	.0105	.00054	.00188
%RSD	.48165	12.065	.45124	2.1415	.47767	.55166	2.6963	21.802
#1	.05515	-.00126	1.2762	.07134	.36130	1.9030	.02043	.00729
#2	.05553	-.00106	1.2844	.07353	.35887	1.9179	.01966	.00994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-723.88	2.7620	.02142	.68052	z*****
Stddev	6.83	.0139	.00104	.00451	-----
%RSD	.94408	.50338	4.8333	.66306	-----
#1	-719.04	2.7521	.02215	.67733	z 2965.6
#2	-728.71	2.7718	.02068	.68371	z 2981.2

Sample Name: A3813-03 Acquired: 8/6/2009 16:47:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.61	555.44	5578.9	9542.6	632.95
Stddev	1.52	.47	26.3	21.2	2.87
%RSD	.91336	.08402	.47095	.22196	.45394
#1	165.53	555.11	5597.5	9557.6	634.98
#2	167.68	555.77	5560.4	9527.6	630.91

Sample Name: A3813-04 Acquired: 8/6/2009 16:54:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40513	-.03503	.10408	.02038	.00971	53.444	.38316	.00219
Stddev	.00209	.00356	.00330	.00094	.00134	.317	.00117	.00002
%RSD	.51585	10.173	3.1736	4.5942	13.806	.59400	.30663	1.0804
#1	.40661	-.03251	.10175	.02104	.00876	53.219	.38233	.00220
#2	.40365	-.03756	.10642	.01972	.01065	53.668	.38399	.00217

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00650	6.2098	.10005	.03394	.14381	308.82	1.3618	17.138
Stddev	.00038	.0354	.00245	.00010	.00243	1.39	.0071	.115
%RSD	5.7708	.56941	2.4483	.30291	1.6863	.45104	.52040	.67137
#1	.00677	6.1848	.10178	.03387	.14210	307.84	1.3568	17.056
#2	.00624	6.2348	.09832	.03402	.14553	309.81	1.3668	17.219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10279	-.00075	2.1632	.18822	.30415	3.8167	.00408	.00422
Stddev	.00070	.00110	.0064	.00076	.00060	.0157	.00042	.00116
%RSD	.68544	146.83	.29729	.40151	.19751	.41175	10.176	27.583
#1	.10328	.00003	2.1587	.18768	.30372	3.8056	.00379	.00340
#2	.10229	-.00153	2.1678	.18875	.30457	3.8278	.00438	.00505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-4025.8	3.4833	.00878	.85599	z*****
Stddev	4.3	.0631	.00389	.00357	-----
%RSD	.10636	1.8123	44.308	.41763	-----
#1	-4022.8	3.4386	.00603	.85346	z 3569.7
#2	-4028.8	3.5279	.01153	.85852	z 3584.5

Sample Name: A3813-04 Acquired: 8/6/2009 16:54:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.81	542.07	5398.5	9313.6	630.35
Stddev	.85	1.85	5.8	23.6	1.48
%RSD	.51340	.34133	.10809	.25363	.23407
#1	165.41	540.76	5394.4	9330.3	629.31
#2	164.22	543.38	5402.6	9296.9	631.40

Sample Name: A3813-05 Acquired: 8/6/2009 17:00:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03788	-.03124	7.3053	.00820	.03402	42.061	1.1851	.00327
Stddev	.00250	.00815	.0108	.00034	.00301	.000	.0035	.00010
%RSD	6.5968	26.106	.14759	4.1563	8.8338	.00098	.29486	3.1741
#1	.03612	-.03700	7.2977	.00844	.03189	42.061	1.1876	.00334
#2	.03965	-.02547	7.3130	.00796	.03614	42.061	1.1826	.00320

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	31.046	.20835	.04863	1.9419	129.58	2.7577	18.853
Stddev	.00002	.033	.00513	.00025	.0003	.12	.0048	.009
%RSD	.18940	.10515	2.4611	.52014	.01422	.09592	.17431	.04833
#1	.00845	31.069	.20473	.04881	1.9417	129.50	2.7543	18.846
#2	.00847	31.022	.21198	.04845	1.9421	129.67	2.7611	18.859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12388	.03818	1.4796	.14349	1.7521	3.2591	.01313	.01591
Stddev	.00095	.00050	.0018	.00047	.0086	.0053	.00021	.00163
%RSD	.76476	1.3185	.11842	.32568	.48909	.16428	1.6155	10.233
#1	.12455	.03782	1.4808	.14316	1.7460	3.2629	.01298	.01475
#2	.12321	.03854	1.4784	.14382	1.7582	3.2553	.01328	.01706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-537.81	3.7936	.54803	1.7820	z*****
Stddev	2.81	.0044	.00182	.0076	-----
%RSD	.52220	.11500	.33271	.42736	-----
#1	-535.82	3.7967	.54674	1.7766	z 4326.5
#2	-539.79	3.7905	.54932	1.7874	z 4319.5

Sample Name: A3813-05 Acquired: 8/6/2009 17:00:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	176.36	589.52	5893.2	9980.1	636.05
Stddev	.02	.51	34.8	8.9	1.21
%RSD	.01341	.08676	.59104	.08891	.19084
#1	176.37	589.88	5917.8	9973.8	635.19
#2	176.34	589.16	5868.6	9986.3	636.91

Sample Name: A3813-06 Acquired: 8/6/2009 17:07:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02261	-.03389	.08438	.00434	.00361	64.088	.38233	.00412
Stddev	.00328	.00043	.00246	.00081	.00078	.018	.00008	.00006
%RSD	14.527	1.2800	2.9208	18.747	21.710	.02821	.02133	1.5364
#1	.02029	-.03358	.08613	.00376	.00416	64.075	.38239	.00416
#2	.02493	-.03420	.08264	.00491	.00305	64.100	.38228	.00407

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00818	10.457	.08147	.08239	.14366	186.03	3.9783	22.934
Stddev	.00060	.018	.00097	.00026	.00123	.01	.0119	.035
%RSD	7.3755	.16749	1.1848	.31519	.85799	.00299	.29823	.15438
#1	.00776	10.444	.08079	.08257	.14453	186.02	3.9699	22.909
#2	.00861	10.469	.08215	.08220	.14279	186.03	3.9867	22.959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17603	-.00024	1.4370	.13480	.42351	3.7576	.00058	-.00086
Stddev	.00089	.00067	.0032	.00127	.00506	.0099	.00022	.00118
%RSD	.50391	280.45	.22165	.94487	1.1954	.26243	38.053	137.28
#1	.17666	-.00071	1.4392	.13570	.41993	3.7645	.00073	-.00169
#2	.17541	.00023	1.4347	.13390	.42709	3.7506	.00042	-.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-45.252	2.6846	.00760	.73852	z*****
Stddev	.347	.0059	.00266	.00307	-----
%RSD	.76793	.21982	34.999	.41597	-----
#1	-45.498	2.6804	.00948	.73635	z 4459.1
#2	-45.006	2.6887	.00572	.74070	z 4473.6

Sample Name: A3813-06 Acquired: 8/6/2009 17:07:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	189.02	634.19	6323.6	10762.	640.22
Stddev	.93	1.84	21.8	17.	2.44
%RSD	.49041	.29027	.34430	.16012	.38178
#1	189.67	632.89	6339.0	10750.	641.94
#2	188.36	635.49	6308.2	10774.	638.49

Sample Name: A3813-06D Acquired: 8/6/2009 17:14:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02130	-.03157	.09055	.00362	.00707	65.371	.39268	.00410
Stddev	.00197	.00042	.00053	.00067	.00151	.015	.00170	.00013
%RSD	9.2566	1.3234	.58451	18.533	21.328	.02318	.43341	3.1376
#1	.02269	-.03186	.09093	.00314	.00601	65.360	.39388	.00419
#2	.01990	-.03127	.09018	.00409	.00814	65.382	.39147	.00401

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00830	10.665	.08391	.08468	.14841	190.90	4.1199	23.466
Stddev	.00004	.017	.00036	.00016	.00118	.92	.0210	.139
%RSD	.48898	.15834	.43013	.19254	.79475	.48352	.50895	.59349
#1	.00833	10.677	.08365	.08457	.14925	190.25	4.1050	23.368
#2	.00827	10.653	.08416	.08480	.14758	191.55	4.1347	23.565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18270	-.00058	1.4598	.13658	.41074	3.8718	.00025	-.00140
Stddev	.00273	.00031	.0073	.00014	.00342	.0091	.00023	.00164
%RSD	1.4928	52.239	.50207	.10433	.83239	.23532	91.155	117.73
#1	.18463	-.00037	1.4650	.13668	.40833	3.8783	.00009	-.00256
#2	.18078	-.00080	1.4546	.13648	.41316	3.8654	.00041	-.00023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-45.349	2.7511	.00542	.76214	z*****
Stddev	.052	.0047	.00034	.00481	-----
%RSD	.11557	.17064	6.3119	.63148	-----
#1	-45.386	2.7544	.00518	.75874	z 4523.3
#2	-45.312	2.7477	.00567	.76555	z 4540.9

Sample Name: A3813-06D Acquired: 8/6/2009 17:14:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	192.30	639.60	6305.4	10803.	639.15
Stddev	1.14	2.84	22.8	8.	1.88
%RSD	.59151	.44369	.36124	.07611	.29391
#1	193.11	637.59	6321.5	10797.	637.82
#2	191.50	641.61	6289.3	10809.	640.48

Sample Name: A3813-06L Acquired: 8/6/2009 17:20:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00855	.01842	.00120	.00329	13.338	.08377	.00088
Stddev	.00060	.00115	.00097	.00217	.00139	.082	.00007	.00013
%RSD	27.287	13.481	5.2390	180.84	42.346	.61323	.08404	14.341
#1	.00177	-.00936	.01910	-.00033	.00427	13.280	.08372	.00097
#2	.00261	-.00773	.01774	.00273	.00230	13.396	.08382	.00079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	2.3341	.01740	.01504	.03121	42.380	.90496	5.0818
Stddev	.00010	.0050	.00046	.00011	.00074	.055	.00102	.0101
%RSD	42.333	.21359	2.6169	.75425	2.3725	.12912	.11244	.19814
#1	.00029	2.3306	.01707	.01496	.03069	42.342	.90424	5.0747
#2	.00016	2.3377	.01772	.01512	.03174	42.419	.90568	5.0889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03355	-.00036	.32703	.02918	.10094	.84804	-.00034	-.00235
Stddev	.00077	.00016	.00037	.00081	.00031	.00554	.00051	.00124
%RSD	2.3017	45.981	.11168	2.7896	.30478	.65322	152.81	52.911
#1	.03300	-.00047	.32729	.02976	.10115	.84412	-.00070	-.00323
#2	.03409	-.00024	.32677	.02860	.10072	.85196	.00003	-.00147

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-6.3971	.60278	.00177	.16422	z*****
Stddev	1.0225	.01415	.00064	.00021	-----
%RSD	15.984	2.3477	36.290	.12748	-----
#1	-7.1202	.59277	.00131	.16407	z 2809.8
#2	-5.6741	.61278	.00222	.16436	z 2817.8

Sample Name: A3813-06L Acquired: 8/6/2009 17:20:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	171.57	573.61	5673.1	9762.1	649.08
Stddev	1.12	1.36	12.7	18.1	1.16
%RSD	.65097	.23750	.22323	.18517	.17830
#1	172.36	574.58	5682.0	9774.9	648.26
#2	170.78	572.65	5664.1	9749.3	649.90

Sample Name: CCV Acquired: 8/6/2009 17:27:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9725	4.6686	4.7337	4.8973	4.8893	9.3526	9.8207	.24465
Stddev	.0082	.0100	.0092	.0034	.0021	.0196	.1269	.00014
%RSD	.16538	.21356	.19376	.06855	.04191	.20916	1.2922	.05574
#1	4.9783	4.6756	4.7272	4.8997	4.8908	9.3664	9.9104	.24475
#2	4.9667	4.6615	4.7402	4.8950	4.8879	9.3388	9.7309	.24455

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4139	24.284	.97004	2.4043	1.1886	4.8452	2.4257	23.885
Stddev	.0060	.043	.00148	.0059	.0098	.0000	.0059	.049
%RSD	.24771	.17654	.15245	.24525	.82168	.00092	.24440	.20516
#1	2.4096	24.314	.97109	2.4002	1.1955	4.8452	2.4299	23.920
#2	2.4181	24.253	.96900	2.4085	1.1817	4.8451	2.4215	23.851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4221	1.1897	24.181	2.3892	2.4000	24.134	4.8657	4.6830
Stddev	.0057	.0043	.206	.0036	.0680	.123	.0047	.0312
%RSD	.23575	.35845	.85169	.14899	2.8320	.50789	.09591	.66603
#1	2.4181	1.1927	24.327	2.3917	2.4480	24.221	4.8624	4.7050
#2	2.4262	1.1867	24.035	2.3867	2.3519	24.048	4.8690	4.6609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.9102	F3.5542	4.8598	4.8541	zF*****
Stddev	.7304	.0207	.0061	.0210	-----
%RSD	12.358	.58195	.12578	.43184	-----
#1	5.3937	3.5688	4.8555	4.8689	z 2437.0
#2	6.4266	3.5395	4.8642	4.8393	z 2455.4

Sample Name: CCV Acquired: 8/6/2009 17:27:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.43	548.81	5446.6	9266.2	656.00
Stddev	4.63	.07	13.1	46.4	1.34
%RSD	2.8333	.01200	.24029	.50118	.20411
#1	160.15	548.85	5437.3	9233.3	656.95
#2	166.70	548.76	5455.8	9299.0	655.05

Sample Name: CCB Acquired: 8/6/2009 17:33:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00174	-.00093	-.00127	.00413	.02492	-.00150	-.00006
Stddev	.00070	.00475	.00144	.00053	.00115	.00997	.00035	.00003
%RSD	32.770	272.37	153.98	41.529	27.883	40.009	23.647	41.766
#1	-.00165	-.00161	.00008	-.00090	.00494	.03196	-.00125	-.00005
#2	-.00265	.00510	-.00195	-.00164	.00331	.01787	-.00175	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00718	.00039	.00043	.00043	-.00456	-.00018	-.00366
Stddev	.00010	.00045	.00034	.00014	.00000	.00634	.00030	.00175
%RSD	91.695	6.2014	87.722	32.720	.06724	139.09	169.14	47.676
#1	.00017	.00750	.00063	.00052	.00043	-.00008	-.00039	-.00489
#2	.00004	.00687	.00015	.00033	.00043	-.00904	.00004	-.00243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00006	.00853	-.00010	.00036	.03475	.00027	.00203
Stddev	.00001	.00008	.00148	.00017	.00037	.00472	.00050	.00086
%RSD	.71574	125.93	17.384	164.30	101.56	13.586	185.83	42.184
#1	.00092	.00001	.00748	.00002	.00062	.03141	-.00009	.00142
#2	.00091	.00011	.00958	-.00022	.00010	.03808	.00063	.00263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F4.7138	-.00968	.00072	.00045	z*****
Stddev	.4544	.01400	.00059	.00042	-----
%RSD	9.6391	144.59	81.201	94.180	-----
#1	5.0351	-.01958	.00031	.00075	z 2441.9
#2	4.3925	.00022	.00114	.00015	z 2419.9

Sample Name: CCB Acquired: 8/6/2009 17:33:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.91	557.21	5510.6	9391.6	637.87
Stddev	3.04	.59	9.4	52.7	.33
%RSD	1.8229	.10617	.17134	.56152	.05173
#1	164.75	557.63	5504.0	9354.3	637.64
#2	169.06	556.79	5517.3	9428.9	638.10

Sample Name: A3813-06A Acquired: 8/6/2009 17:40:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63826	1.8253	1.0338	1.2429	.62664	66.752	.56057	.16039
Stddev	.00916	.0047	.0014	.0017	.00041	.336	.00015	.00012
%RSD	1.4352	.25998	.13391	.13896	.06522	.50405	.02704	.07665
#1	.63178	1.8286	1.0348	1.2416	.62635	66.990	.56046	.16031
#2	.64473	1.8219	1.0329	1.2441	.62693	66.514	.56067	.16048

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20454	11.354	.41447	.27769	.39142	190.03	4.2052	24.738
Stddev	.00038	.009	.00040	.00042	.00043	.37	.0093	.051
%RSD	.18533	.07769	.09763	.15037	.10948	.19700	.22171	.20684
#1	.20481	11.348	.41418	.27740	.39172	189.76	4.1986	24.702
#2	.20427	11.360	.41476	.27799	.39111	190.29	4.2118	24.774

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66986	.05791	3.8810	.38118	.56948	11.962	.32773	.22446
Stddev	.00235	.00010	.0037	.00260	.01299	.014	.00075	.00102
%RSD	.35126	.16865	.09402	.68144	2.2803	.11314	.22935	.45247
#1	.66819	.05798	3.8836	.38301	.57867	11.952	.32720	.22374
#2	.67152	.05784	3.8785	.37934	.56030	11.972	.32826	.22518

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-43.509	3.2295	.68292	.91153	z*****
Stddev	.461	.0213	.00042	.00211	-----
%RSD	1.0595	.65991	.06114	.23117	-----
#1	-43.835	3.2144	.68262	.91004	z 7862.1
#2	-43.183	3.2446	.68321	.91302	z 7893.4

Sample Name: A3813-06A Acquired: 8/6/2009 17:40:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	192.75	639.99	6318.2	10662.	645.10
Stddev	4.46	2.84	7.0	30.	.96
%RSD	2.3148	.44453	.11109	.28135	.14871
#1	189.59	642.00	6313.2	10641.	644.42
#2	195.90	637.98	6323.1	10683.	645.78

Sample Name: A3813-07 Acquired: 8/6/2009 17:46:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64173	1.8493	1.0454	1.2657	.63309	66.285	.55881	.15949
Stddev	.00025	.0037	.0086	.0001	.00199	.030	.00325	.00002
%RSD	.03878	.19895	.81785	.00560	.31434	.04523	.58248	.01274
#1	.64191	1.8467	1.0394	1.2656	.63169	66.307	.56111	.15947
#2	.64156	1.8519	1.0515	1.2657	.63450	66.264	.55651	.15950

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20660	11.302	.41135	.28056	.38687	190.50	4.2236	24.717
Stddev	.00104	.045	.00301	.00192	.00079	.39	.0052	.100
%RSD	.50365	.40244	.73211	.68323	.20386	.20243	.12264	.40379
#1	.20586	11.270	.41348	.27920	.38743	190.23	4.2199	24.647
#2	.20733	11.334	.40922	.28191	.38631	190.77	4.2273	24.788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67534	.05801	3.8546	.37602	.56187	12.039	.33103	.22387
Stddev	.00257	.00036	.0169	.00116	.00525	.047	.00022	.00175
%RSD	.38072	.62379	.43949	.30877	.93468	.38653	.06707	.78305
#1	.67352	.05827	3.8666	.37520	.56558	12.072	.33119	.22263
#2	.67716	.05776	3.8427	.37684	.55816	12.006	.33088	.22511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-44.344	3.2038	.69404	.91965	z*****
Stddev	.097	.0274	.00016	.00411	-----
%RSD	.21795	.85561	.02272	.44653	-----
#1	-44.412	3.2232	.69416	.92255	z 7876.0
#2	-44.276	3.1844	.69393	.91674	z 7852.9

Sample Name: A3813-07 Acquired: 8/6/2009 17:46:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	191.14	636.91	6290.5	10748.	638.56
Stddev	2.50	1.96	27.4	5.	.66
%RSD	1.3087	.30716	.43547	.04322	.10261
#1	189.37	635.53	6271.1	10745.	639.02
#2	192.91	638.29	6309.9	10751.	638.09

Sample Name: A3813-08 Acquired: 8/6/2009 17:53:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66593	1.9152	1.0805	1.3151	.64976	68.284	.57534	.16883
Stddev	.00258	.0067	.0057	.0056	.00570	.184	.00178	.00002
%RSD	.38722	.35109	.52713	.42945	.87696	.26960	.31007	.01097
#1	.66410	1.9199	1.0845	1.3191	.65379	68.414	.57407	.16884
#2	.66775	1.9104	1.0764	1.3111	.64573	68.154	.57660	.16881

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21358	11.566	.42688	.28836	.39879	192.61	4.2777	25.208
Stddev	.00040	.057	.00303	.00071	.00175	.42	.0130	.036
%RSD	.18616	.49052	.70989	.24785	.43897	.21584	.30283	.14253
#1	.21386	11.526	.42902	.28785	.39756	192.32	4.2685	25.182
#2	.21330	11.606	.42473	.28886	.40003	192.90	4.2868	25.233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69122	.06093	4.0052	.39314	.57799	12.354	.34131	.23287
Stddev	.00390	.00087	.0295	.00235	.00403	.012	.00209	.00159
%RSD	.56485	1.4229	.73667	.59755	.69722	.09848	.61229	.68079
#1	.69399	.06031	3.9843	.39148	.58084	12.345	.34279	.23399
#2	.68846	.06154	4.0260	.39480	.57514	12.362	.33984	.23175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-43.937	3.3420	.70376	.92636	z*****
Stddev	.520	.0169	.00022	.00267	-----
%RSD	1.1845	.50637	.03186	.28802	-----
#1	-43.569	3.3300	.70360	.92448	z 8002.3
#2	-44.305	3.3540	.70392	.92825	z 8043.5

Sample Name: A3813-08 Acquired: 8/6/2009 17:53:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	189.69	634.47	6328.0	10634.	641.28
Stddev	1.89	2.24	23.0	8.	.79
%RSD	.99678	.35292	.36414	.07544	.12313
#1	188.35	632.89	6311.7	10640.	640.72
#2	191.02	636.06	6344.3	10628.	641.84

Sample Name: A3813-09 Acquired: 8/6/2009 17:59:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03945	-.03752	.09712	.00471	.00773	82.290	.45664	.00424
Stddev	.00073	.00011	.00129	.00146	.00006	.261	.00267	.00006
%RSD	1.8504	.29908	1.3327	31.079	.75363	.31689	.58565	1.4687
#1	.03894	-.03744	.09804	.00575	.00777	82.474	.45853	.00429
#2	.03997	-.03760	.09621	.00367	.00769	82.105	.45475	.00420

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00825	6.9513	.11011	.12741	.15335	200.99	4.3947	29.370
Stddev	.00015	.0281	.00174	.00006	.00076	.55	.0099	.046
%RSD	1.8080	.40392	1.5767	.04678	.49551	.27562	.22490	.15663
#1	.00814	6.9315	.11133	.12745	.15282	201.38	4.4017	29.402
#2	.00835	6.9712	.10888	.12736	.15389	200.59	4.3877	29.337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20107	-.00068	1.7250	.14804	.45876	4.0079	.00195	-.00013
Stddev	.00038	.00024	.0005	.00065	.00149	.0228	.00048	.00178
%RSD	.19061	35.999	.02684	.43660	.32398	.56817	24.403	1369.8
#1	.20134	-.00050	1.7253	.14758	.45981	4.0240	.00161	-.00139
#2	.20080	-.00085	1.7246	.14849	.45771	3.9918	.00228	.00113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-88.728	2.9189	.00860	.76896	z*****
Stddev	.703	.0370	.00056	.00216	-----
%RSD	.79261	1.2666	6.4878	.28102	-----
#1	-89.226	2.9450	.00899	.77049	z 5199.7
#2	-88.231	2.8927	.00820	.76743	z 5211.7

Sample Name: A3813-09 Acquired: 8/6/2009 17:59:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	187.54	628.21	6242.1	10595.	638.20
Stddev	1.57	3.72	23.9	45.	3.30
%RSD	.83746	.59169	.38280	.42032	.51742
#1	186.43	625.58	6225.2	10563.	635.87
#2	188.65	630.84	6259.0	10626.	640.54

Sample Name: PB43883BL Acquired: 8/6/2009 18:06:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00133	-.00041	-.00096	.00253	.01923	-.00128	-.00009
Stddev	.00036	.00129	.00122	.00341	.00148	.01246	.00066	.00009
%RSD	175.07	97.105	299.71	356.15	58.529	64.782	51.709	100.22
#1	-.00005	.00042	.00046	.00145	.00148	.01042	-.00175	-.00016
#2	.00046	.00224	-.00127	-.00337	.00358	.02805	-.00081	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01505	.00086	-.00036	.00036	.01296	-.00017	-.00864
Stddev	.00019	.00043	.00004	.00089	.00065	.00220	.00006	.01131
%RSD	270.44	2.8395	4.4654	247.48	180.10	16.963	36.893	130.86
#1	-.00006	.01536	.00083	.00027	.00082	.01140	-.00012	-.00065
#2	.00021	.01475	.00089	-.00099	-.00010	.01451	-.00021	-.01664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00027	.00208	.00034	.00196	.02685	-.00065	-.00293
Stddev	.00001	.00031	.00248	.00149	.00000	.00118	.00076	.00067
%RSD	2.0475	114.83	119.47	443.24	.20851	4.4025	117.72	22.957
#1	-.00044	-.00049	.00032	-.00072	.00196	.02768	-.00011	-.00245
#2	-.00043	-.00005	.00384	.00139	.00196	.02601	-.00119	-.00340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.8206	-.00231	-.00126	-.00044	z*****
Stddev	.8179	.00218	.00185	.00022	-----
%RSD	14.052	94.386	146.94	50.061	-----
#1	5.2423	-.00077	.00005	-.00029	z 2414.1
#2	6.3990	-.00386	-.00256	-.00060	z 2446.4

Sample Name: PB43883BL Acquired: 8/6/2009 18:06:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.35	555.22	5460.3	9334.2	635.14
Stddev	.90	2.36	7.0	54.7	3.18
%RSD	.53853	.42494	.12751	.58592	.50025
#1	167.98	553.55	5465.3	9372.9	632.89
#2	166.71	556.89	5455.4	9295.5	637.38

Sample Name: PB43883BS Acquired: 8/6/2009 18:13:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80371	1.7980	.94196	1.9580	.79585	1.7983	.20978	.20068
Stddev	.00016	.0186	.00495	.0110	.00691	.0004	.00118	.00073
%RSD	.01950	1.0354	.52536	.56124	.86863	.02492	.56399	.36187
#1	.80382	1.8111	.94546	1.9658	.80074	1.7986	.21061	.20120
#2	.80360	1.7848	.93846	1.9503	.79096	1.7980	.20894	.20017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20174	1.0515	.39579	.19822	.28291	3.0711	.20427	1.9502
Stddev	.00107	.0083	.00165	.00120	.00208	.0088	.00163	.0331
%RSD	.52934	.79279	.41644	.60730	.73589	.28784	.79575	1.6970
#1	.20249	1.0574	.39463	.19907	.28438	3.0773	.20542	1.9736
#2	.20098	1.0456	.39696	.19736	.28144	3.0648	.20312	1.9268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49562	.06758	2.9912	.28826	.19736	10.086	.39241	.28024
Stddev	.00318	.00018	.0158	.00174	.00020	.051	.00340	.00277
%RSD	.64085	.26416	.52902	.60238	.10034	.50967	.86759	.98795
#1	.49787	.06770	3.0023	.28949	.19750	10.122	.39482	.28220
#2	.49338	.06745	2.9800	.28703	.19722	10.050	.39000	.27829

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.2129	F.67464	.68303	.19867	zF*****
Stddev	.7208	.00059	.00154	.00079	-----
%RSD	11.602	.08725	.22614	.39554	-----
#1	5.7032	.67422	.68412	.19811	z 6011.9
#2	6.7226	.67506	.68193	.19922	z 6017.0

Sample Name: PB43883BS Acquired: 8/6/2009 18:13:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.86	551.05	5451.7	9257.4	645.95
Stddev	.29	2.89	10.1	48.6	1.99
%RSD	.17623	.52526	.18546	.52513	.30760
#1	166.65	549.00	5444.6	9223.1	644.55
#2	167.07	553.09	5458.9	9291.8	647.36

Sample Name: A3816-01 Acquired: 8/6/2009 18:19:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05461	-.03379	.11213	.00731	.01037	11.511	.14683	.00251
Stddev	.00008	.00046	.00041	.00044	.00103	.031	.00089	.00016
%RSD	.14583	1.3501	.36400	5.9823	9.9198	.26807	.60592	6.2767
#1	.05456	-.03412	.11184	.00700	.00964	11.533	.14746	.00262
#2	.05467	-.03347	.11241	.00762	.01109	11.489	.14620	.00240

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00654	8.7193	.01344	.06394	.16495	176.02	2.3799	2.9755
Stddev	.00030	.0128	.00007	.00097	.00039	.26	.0018	.0171
%RSD	4.6060	.14710	.55727	1.5238	.23865	.14865	.07336	.57424
#1	.00675	8.7283	.01350	.06325	.16522	176.20	2.3812	2.9876
#2	.00633	8.7102	.01339	.06463	.16467	175.83	2.3787	2.9635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16981	.00021	1.4430	.06811	.20001	2.2287	.03590	.00280
Stddev	.00089	.00008	.0059	.00018	.00344	.0065	.00009	.00019
%RSD	.52706	36.057	.40801	.26455	1.7194	.28963	.24130	6.6856
#1	.17044	.00026	1.4471	.06824	.20244	2.2241	.03596	.00293
#2	.16917	.00016	1.4388	.06799	.19758	2.2333	.03584	.00267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-239.58	2.2741	.00832	.06413	z*****
Stddev	.93	.0386	.00198	.00058	-----
%RSD	.38835	1.6985	23.744	.90744	-----
#1	-240.24	2.3014	.00972	.06454	z 2550.6
#2	-238.93	2.2468	.00692	.06372	z 2568.7

Sample Name: A3816-01 Acquired: 8/6/2009 18:19:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	184.01	618.15	6065.4	10351.	631.03
Stddev	3.79	.10	54.7	65.	.43
%RSD	2.0594	.01601	.90202	.63132	.06798
#1	181.33	618.08	6026.7	10304.	631.33
#2	186.69	618.22	6104.1	10397.	630.72

Sample Name: A3816-01D Acquired: 8/6/2009 18:26:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05366	-.03534	.10942	.00653	.00849	11.326	.14313	.00244
Stddev	.00041	.00333	.00256	.00089	.00059	.038	.00143	.00008
%RSD	.75760	9.4290	2.3361	13.673	6.9500	.33380	1.0026	3.2762
#1	.05337	-.03770	.11122	.00716	.00891	11.353	.14415	.00239
#2	.05395	-.03298	.10761	.00590	.00807	11.300	.14212	.00250

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	8.0826	.01075	.06252	.16098	174.28	2.3603	2.9158
Stddev	.00012	.0594	.00007	.00027	.00143	.47	.0029	.0109
%RSD	1.9567	.73504	.63455	.43112	.88589	.27093	.12240	.37404
#1	.00604	8.1246	.01080	.06271	.16199	174.62	2.3623	2.9235
#2	.00621	8.0406	.01070	.06233	.15997	173.95	2.3583	2.9081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16524	.00023	1.3377	.06785	.16635	2.2132	.03576	.00298
Stddev	.00041	.00023	.0063	.00054	.00089	.0165	.00029	.00119
%RSD	.24578	99.404	.46738	.80271	.53300	.74723	.80642	39.810
#1	.16553	.00039	1.3422	.06824	.16572	2.2249	.03596	.00214
#2	.16495	.00007	1.3333	.06747	.16698	2.2016	.03555	.00382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-220.00	2.1618	.00725	.06258	z*****
Stddev	1.24	.0258	.00051	.00108	-----
%RSD	.56356	1.1927	6.9856	1.7284	-----
#1	-219.12	2.1800	.00761	.06335	z 2553.5
#2	-220.88	2.1435	.00689	.06182	z 2558.1

Sample Name: A3816-01D Acquired: 8/6/2009 18:26:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	187.96	617.18	6049.4	10490.	631.35
Stddev	.76	.01	30.6	51.	.36
%RSD	.40426	.00115	.50597	.48384	.05749
#1	188.50	617.18	6027.8	10455.	631.61
#2	187.43	617.19	6071.1	10526.	631.09

Sample Name: A3816-01L Acquired: 8/6/2009 18:33:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00967	-.00778	.02084	.00198	.00590	2.3560	.03075	.00045
Stddev	.00034	.00247	.00091	.00047	.00070	.0162	.00038	.00008
%RSD	3.4723	31.714	4.3599	23.506	11.794	.68919	1.2243	17.671
#1	.00991	-.00604	.02149	.00165	.00640	2.3446	.03102	.00051
#2	.00943	-.00953	.02020	.00231	.00541	2.3675	.03048	.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	1.8078	.00110	.01262	.03472	38.867	.51948	.64310
Stddev	.00006	.0046	.00014	.00039	.00086	.092	.00085	.00204
%RSD	66.173	.25385	13.101	3.0986	2.4802	.23713	.16383	.31751
#1	.00014	1.8110	.00100	.01235	.03533	38.802	.52009	.64454
#2	.00005	1.8045	.00120	.01290	.03411	38.933	.51888	.64165

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03063	-.00053	.31251	.01393	.03984	.49907	.00795	-.00059
Stddev	.00010	.00016	.00249	.00174	.00009	.00891	.00028	.00027
%RSD	.32219	29.901	.79587	12.499	.23493	1.7859	3.5021	45.380
#1	.03070	-.00064	.31075	.01270	.03977	.50538	.00776	-.00040
#2	.03056	-.00041	.31427	.01516	.03990	.49277	.00815	-.00079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-45.954	.43935	.00123	.01367	z*****
Stddev	.127	.00872	.00093	.00027	-----
%RSD	.27717	1.9859	75.694	1.9793	-----
#1	-45.863	.43318	.00057	.01348	z 2437.5
#2	-46.044	.44552	.00189	.01387	z 2436.1

Sample Name: A3816-01L Acquired: 8/6/2009 18:33:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	173.31	564.35	5569.1	9665.4	637.24
Stddev	.97	.97	43.9	6.3	.93
%RSD	.55970	.17165	.78881	.06474	.14610
#1	172.62	563.67	5538.0	9669.8	636.58
#2	174.00	565.04	5600.1	9660.9	637.89

Sample Name: A3816-01A Acquired: 8/6/2009 18:39:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70967	1.8277	1.0713	1.3327	.66963	13.097	.32733	.16858
Stddev	.00353	.0023	.0076	.0022	.00183	.091	.00354	.00207
%RSD	.49759	.12790	.71274	.16779	.27355	.69178	1.0805	1.2295
#1	.70718	1.8294	1.0659	1.3343	.66833	13.161	.32983	.17005
#2	.71217	1.8261	1.0767	1.3312	.67093	13.033	.32483	.16712

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20913	8.9534	.36194	.26038	.41779	175.61	2.5154	4.5720
Stddev	.00082	.0374	.00055	.00040	.00183	1.03	.0109	.0025
%RSD	.39431	.41721	.15121	.15238	.43919	.58836	.43116	.05463
#1	.20854	8.9798	.36233	.26066	.41909	176.34	2.5231	4.5702
#2	.20971	8.9270	.36156	.26010	.41649	174.88	2.5077	4.5738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66630	.06193	3.9396	.32279	.33535	10.951	.38087	.24176
Stddev	.00001	.00054	.0483	.00484	.00119	.023	.00112	.00231
%RSD	.00175	.87372	1.2260	1.4997	.35384	.20750	.29442	.95499
#1	.66631	.06232	3.9738	.32621	.33452	10.968	.38166	.24339
#2	.66629	.06155	3.9055	.31937	.33619	10.935	.38007	.24013

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-215.38	2.7486	.69636	.23858	z*****
Stddev	.64	.0359	.00248	.00173	-----
%RSD	.29489	1.3077	.35663	.72350	-----
#1	-214.93	2.7740	.69460	.23980	z 6038.1
#2	-215.82	2.7232	.69811	.23735	z 6063.0

Sample Name: A3816-01A Acquired: 8/6/2009 18:39:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	187.03	616.67	6095.2	10342.	639.19
Stddev	.65	1.46	19.0	101.	1.16
%RSD	.34868	.23697	.31171	.98061	.18180
#1	187.49	615.64	6081.8	10270.	638.36
#2	186.57	617.71	6108.7	10414.	640.01

Sample Name: CCV Acquired: 8/6/2009 18:46:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0146	4.6257	4.7290	4.9234	4.9035	9.0644	9.6250	.23744
Stddev	.0038	.0061	.0084	.0032	.0044	.0086	.0805	.00190
%RSD	.07535	.13192	.17878	.06410	.08888	.09548	.83624	.80142
#1	5.0173	4.6214	4.7230	4.9212	4.9066	9.0583	9.6819	.23878
#2	5.0120	4.6300	4.7350	4.9256	4.9004	9.0706	9.5681	.23609

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4071	23.654	.97036	2.3935	1.1638	4.7620	2.3942	23.261
Stddev	.0043	.103	.00339	.0016	.0004	.0040	.0040	.069
%RSD	.17772	.43500	.34968	.06668	.03168	.08325	.16546	.29703
#1	2.4041	23.581	.97276	2.3923	1.1640	4.7592	2.3914	23.212
#2	2.4102	23.726	.96796	2.3946	1.1635	4.7648	2.3970	23.309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4275	1.1959	23.550	2.3046	2.3254	23.902	4.8330	4.5648
Stddev	.0051	.0021	.077	.0015	.0196	.034	.0038	.0267
%RSD	.20859	.17856	.32631	.06469	.84059	.14306	.07841	.58482
#1	2.4239	1.1944	23.496	2.3056	2.3392	23.878	4.8304	4.5459
#2	2.4311	1.1975	23.604	2.3035	2.3116	23.926	4.8357	4.5836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.4037	F3.3668	4.8575	4.8090	zF*****
Stddev	.2458	.0231	.0067	.0144	-----
%RSD	3.8377	.68615	.13817	.30003	-----
#1	6.2299	3.3505	4.8528	4.7988	z 2425.3
#2	6.5775	3.3832	4.8623	4.8192	z 2417.3

Sample Name: CCV Acquired: 8/6/2009 18:46:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.80	547.10	5441.5	9461.8	653.12
Stddev	2.07	.12	.7	5.0	.48
%RSD	1.2437	.02254	.01274	.05256	.07373
#1	165.34	547.02	5441.9	9458.3	653.46
#2	168.27	547.19	5441.0	9465.3	652.78

Sample Name: CCB Acquired: 8/6/2009 18:52:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00206	.00206	.00029	.00168	.02497	-.00105	-.00003
Stddev	.00027	.00183	.00027	.00157	.00059	.01331	.00007	.00005
%RSD	123.17	88.529	13.280	546.72	35.347	53.311	6.3050	172.15
#1	-.00041	.00336	.00186	-.00082	.00126	.03438	-.00100	.00001
#2	-.00003	.00077	.00225	.00140	.00210	.01555	-.00110	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00146	-.00056	.00028	.00003	-.00419	-.00017	-.00095
Stddev	.00029	.00065	.00039	.00141	.00082	.00294	.00024	.00181
%RSD	442.73	44.404	69.675	499.33	2385.8	70.269	141.77	191.51
#1	.00014	-.00100	-.00083	-.00071	.00061	-.00211	.00000	.00034
#2	-.00027	-.00192	-.00028	.00128	-.00055	-.00627	-.00034	-.00223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00048	-.00208	.00033	-.00001	.02149	.00064	.00178
Stddev	.00076	.00010	.00148	.00035	.00023	.01046	.00017	.00038
%RSD	489.19	20.778	71.203	104.20	1812.7	48.662	27.047	21.217
#1	-.00038	-.00056	-.00312	.00009	-.00018	.02889	.00076	.00151
#2	.00069	-.00041	-.00103	.00058	.00015	.01410	.00052	.00205

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.4136	-.00703	.00027	-.00002	z*****
Stddev	.2843	.00682	.00174	.00026	-----
%RSD	5.2509	96.972	639.03	1397.3	-----
#1	5.2126	-.00221	.00150	.00017	z 2394.8
#2	5.6146	-.01185	-.00096	-.00020	z 2400.9

Sample Name: CCB Acquired: 8/6/2009 18:52:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.01	553.31	5468.2	9473.4	631.81
Stddev	.78	.62	4.2	74.6	.11
%RSD	.46505	.11118	.07757	.78707	.01716
#1	167.46	552.87	5465.2	9420.7	631.74
#2	168.56	553.74	5471.2	9526.1	631.89

Sample Name: A3816-02 Acquired: 8/6/2009 18:59:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73658	1.9241	1.1111	1.3946	.69756	13.212	.33714	.17711
Stddev	.00213	.0025	.0031	.0095	.00078	.052	.00039	.00048
%RSD	.28923	.13210	.27534	.68319	.11150	.39593	.11513	.26831
#1	.73808	1.9259	1.1090	1.4013	.69811	13.249	.33687	.17677
#2	.73507	1.9223	1.1133	1.3878	.69701	13.175	.33742	.17744

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21741	9.0033	.37208	.27102	.42837	174.84	2.5036	4.6262
Stddev	.00092	.0079	.00125	.00012	.00052	.37	.0061	.0374
%RSD	.42093	.08737	.33652	.04493	.12226	.21065	.24537	.80883
#1	.21806	9.0088	.37119	.27094	.42874	174.58	2.4992	4.5998
#2	.21677	8.9977	.37297	.27111	.42800	175.10	2.5079	4.6527

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69078	.06421	4.0724	.33602	.34113	11.256	.39923	.25210
Stddev	.00270	.00046	.0015	.00051	.00177	.016	.00013	.00031
%RSD	.39036	.70974	.03659	.15072	.51910	.14495	.03330	.12260
#1	.68887	.06454	4.0734	.33566	.34238	11.268	.39932	.25188
#2	.69269	.06389	4.0713	.33638	.33988	11.245	.39914	.25232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-212.79	2.8583	.72821	.24466	z*****
Stddev	.31	.0138	.00220	.00052	-----
%RSD	.14369	.48214	.30276	.21257	-----
#1	-213.00	2.8681	.72665	.24429	z 6182.4
#2	-212.57	2.8486	.72977	.24503	z 6210.9

Sample Name: A3816-02 Acquired: 8/6/2009 18:59:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	185.28	612.12	6122.8	10273.	633.82
Stddev	1.89	1.66	4.2	13.	2.27
%RSD	1.0192	.27147	.06917	.12788	.35738
#1	183.94	610.94	6119.8	10264.	632.21
#2	186.61	613.29	6125.7	10282.	635.42

Sample Name: A3816-03 Acquired: 8/6/2009 19:05:55 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71683	1.8833	1.0860	1.3403	.68281	13.287	.33479	.17264
Stddev	.00146	.0066	.0070	.0020	.00334	.007	.00105	.00021
%RSD	.20367	.35283	.64873	.14815	.48850	.05401	.31392	.11966
#1	.71580	1.8880	1.0910	1.3417	.68517	13.292	.33405	.17249
#2	.71786	1.8786	1.0810	1.3389	.68045	13.282	.33554	.17278

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21416	9.1452	.36946	.26700	.42767	176.48	2.5249	4.6365
Stddev	.00022	.0316	.00178	.00001	.00136	.54	.0098	.0053
%RSD	.10292	.34582	.48162	.00505	.31745	.30793	.38809	.11391
#1	.21400	9.1229	.36820	.26699	.42671	176.09	2.5180	4.6403
#2	.21431	9.1676	.37072	.26701	.42863	176.86	2.5319	4.6328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67935	.06265	4.0377	.33224	.33979	11.147	.39376	.24843
Stddev	.00581	.00019	.0040	.00022	.00305	.039	.00001	.00148
%RSD	.85587	.31045	.09998	.06596	.89709	.35198	.00178	.59453
#1	.68346	.06279	4.0348	.33208	.33763	11.119	.39375	.24739
#2	.67524	.06251	4.0405	.33239	.34194	11.175	.39376	.24948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-212.13	2.8679	.71986	.24468	z*****
Stddev	1.85	.0051	.00229	.00051	-----
%RSD	.87314	.17888	.31862	.21028	-----
#1	-213.44	2.8643	.72148	.24505	z 6118.9
#2	-210.82	2.8715	.71823	.24432	z 6156.5

Sample Name: A3816-03 Acquired: 8/6/2009 19:05:55 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	186.30	618.01	6126.8	10274.	639.01
Stddev	.69	1.24	9.0	5.	2.30
%RSD	.36896	.20137	.14704	.04408	.35927
#1	186.79	617.13	6133.2	10271.	637.39
#2	185.82	618.89	6120.4	10277.	640.63

Sample Name: A3816-04 Acquired: 8/6/2009 19:12:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04178	-.03535	.16911	.00550	.01074	13.913	.19364	.00292
Stddev	.00137	.00253	.00103	.00253	.00107	.020	.00057	.00000
%RSD	3.2889	7.1483	.60779	46.083	9.9894	.14059	.29222	.06927
#1	.04275	-.03714	.16838	.00371	.01150	13.899	.19404	.00292
#2	.04081	-.03356	.16984	.00729	.00998	13.926	.19324	.00291

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00684	11.020	.01594	.06788	.20257	194.21	2.8353	3.1105
Stddev	.00016	.045	.00031	.00030	.00051	.03	.0034	.0017
%RSD	2.3208	.41263	1.9744	.44367	.25164	.01661	.11877	.05562
#1	.00695	10.988	.01616	.06809	.20221	194.19	2.8329	3.1092
#2	.00672	11.052	.01572	.06767	.20293	194.24	2.8377	3.1117

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13059	-.00069	.96716	.07741	.19339	2.9945	.01995	.00269
Stddev	.00213	.00008	.00103	.00147	.00060	.0050	.00037	.00085
%RSD	1.6321	11.296	.10651	1.8953	.31221	.16520	1.8364	31.685
#1	.12909	-.00074	.96643	.07637	.19382	2.9980	.01969	.00329
#2	.13210	-.00063	.96789	.07845	.19296	2.9910	.02021	.00209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-236.28	3.2036	.00955	.10621	z*****
Stddev	2.81	.0005	.00075	.00012	-----
%RSD	1.1906	.01542	7.8058	.11689	-----
#1	-234.30	3.2032	.00902	.10612	z 2535.5
#2	-238.27	3.2039	.01008	.10630	z 2562.6

Sample Name: A3816-04 Acquired: 8/6/2009 19:12:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	189.36	628.25	6205.2	10684.	632.79
Stddev	1.58	1.50	2.6	12.	.49
%RSD	.83648	.23824	.04245	.11569	.07822
#1	188.24	627.19	6207.0	10675.	633.14
#2	190.48	629.30	6203.3	10693.	632.44

Sample Name: A3816-05 Acquired: 8/6/2009 19:19:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02527	-.03654	.15291	.00807	.00551	51.271	.46548	.00344
Stddev	.00297	.00031	.00128	.00256	.00104	.330	.00196	.00007
%RSD	11.774	.84007	.83584	31.751	18.856	.64307	.42182	2.0191
#1	.02316	-.03676	.15381	.00988	.00478	51.504	.46687	.00339
#2	.02737	-.03633	.15200	.00626	.00625	51.037	.46409	.00348

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	4.8832	.04474	.03580	.07476	122.12	1.5322	8.4659
Stddev	.00032	.0056	.00002	.00038	.00004	.60	.0046	.0162
%RSD	8.4554	.11568	.03524	1.0729	.05444	.49317	.29860	.19081
#1	.00355	4.8872	.04475	.03608	.07479	122.55	1.5354	8.4773
#2	.00401	4.8792	.04473	.03553	.07473	121.70	1.5289	8.4544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09747	.00029	1.0722	.10222	.31701	2.0582	.01388	.00064
Stddev	.00248	.00059	.0047	.00021	.00498	.0014	.00070	.00094
%RSD	2.5448	205.10	.43653	.20893	1.5694	.06748	5.0694	147.02
#1	.09922	-.00013	1.0755	.10207	.32053	2.0572	.01438	-.00003
#2	.09572	.00071	1.0689	.10237	.31349	2.0592	.01338	.00130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-290.54	3.8194	.00956	.48185	z*****
Stddev	2.32	.0084	.00051	.00265	-----
%RSD	.79909	.21935	5.2845	.55069	-----
#1	-292.18	3.8253	.00920	.48373	z 3276.3
#2	-288.90	3.8135	.00991	.47998	z 3292.1

Sample Name: A3816-05 Acquired: 8/6/2009 19:19:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	183.50	599.84	5967.5	10322.	641.56
Stddev	3.47	.77	9.5	62.	2.97
%RSD	1.8903	.12810	.15889	.60152	.46365
#1	181.05	599.30	5974.2	10278.	639.45
#2	185.96	600.39	5960.8	10366.	643.66

Sample Name: A3816-06 Acquired: 8/6/2009 19:25:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03496	-.03117	.13256	.00596	.00889	11.749	.16015	.00249
Stddev	.00205	.00205	.00125	.00039	.00271	.079	.00030	.00026
%RSD	5.8707	6.5845	.93962	6.4937	30.444	.66933	.18969	10.393
#1	.03351	-.03262	.13168	.00568	.01081	11.693	.16037	.00267
#2	.03641	-.02972	.13344	.00623	.00698	11.805	.15994	.00231

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	7.9716	.01461	.05764	.18426	181.52	2.2241	2.1004
Stddev	.00002	.0369	.00206	.00054	.00044	.06	.0029	.0019
%RSD	.36119	.46358	14.104	.93476	.23709	.03289	.12850	.09131
#1	.00534	7.9455	.01607	.05802	.18395	181.56	2.2261	2.1018
#2	.00531	7.9978	.01315	.05726	.18456	181.48	2.2220	2.0991

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11600	-.00022	.92577	.06706	.16162	2.4793	.01912	.00091
Stddev	.00048	.00010	.00027	.00049	.00367	.0117	.00006	.00055
%RSD	.41032	46.457	.02947	.73543	2.2706	.47194	.33159	60.656
#1	.11566	-.00015	.92558	.06671	.16422	2.4711	.01908	.00052
#2	.11634	-.00029	.92597	.06741	.15903	2.4876	.01917	.00130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-184.74	2.6792	.00622	.08321	z*****
Stddev	.69	.0088	.00153	.00094	-----
%RSD	.37450	.32828	24.618	1.1328	-----
#1	-185.23	2.6854	.00730	.08387	z 2513.7
#2	-184.25	2.6730	.00514	.08254	z 2526.3

Sample Name: A3816-06 Acquired: 8/6/2009 19:25:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	184.07	609.95	6073.1	10393.	629.57
Stddev	4.34	4.86	12.2	21.	3.73
%RSD	2.3572	.79643	.20117	.20231	.59190
#1	181.00	606.51	6064.4	10379.	626.94
#2	187.14	613.38	6081.7	10408.	632.21

Sample Name: A3816-07 Acquired: 8/6/2009 19:32:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03114	-.03371	.16801	.00636	.00554	36.179	.53596	.00273
Stddev	.00173	.00344	.00082	.00253	.00168	.013	.00221	.00004
%RSD	5.5395	10.200	.48901	39.733	30.397	.03667	.41178	1.5497
#1	.03236	-.03128	.16859	.00814	.00673	36.170	.53752	.00276
#2	.02992	-.03615	.16743	.00457	.00435	36.188	.53440	.00270

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	5.2672	.03697	.03187	.10810	111.58	2.0825	8.6365
Stddev	.00012	.0045	.00035	.00006	.00056	.13	.0014	.0032
%RSD	3.9170	.08513	.95733	.19025	.52125	.11404	.06811	.03722
#1	.00291	5.2704	.03672	.03183	.10770	111.49	2.0815	8.6388
#2	.00308	5.2641	.03722	.03192	.10849	111.67	2.0835	8.6342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08501	.00080	1.0159	.07654	.27878	2.2421	.02376	.00072
Stddev	.00221	.00047	.0051	.00060	.00196	.0085	.00036	.00065
%RSD	2.6024	59.127	.50613	.78825	.70172	.37729	1.5069	89.588
#1	.08344	.00046	1.0195	.07697	.28016	2.2481	.02402	.00027
#2	.08657	.00113	1.0123	.07612	.27740	2.2361	.02351	.00118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-509.94	2.7200	.01031	.28960	z*****
Stddev	1.34	.0135	.00129	.00050	-----
%RSD	.26271	.49545	12.465	.17134	-----
#1	-509.00	2.7295	.01122	.28925	z 3087.3
#2	-510.89	2.7104	.00940	.28995	z 3092.8

Sample Name: A3816-07 Acquired: 8/6/2009 19:32:25 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	182.85	602.05	6018.5	10373.	633.26
Stddev	2.24	2.73	24.4	14.	.62
%RSD	1.2239	.45375	.40508	.13904	.09826
#1	181.27	600.12	6035.7	10363.	633.70
#2	184.43	603.98	6001.3	10383.	632.82

Sample Name: A3816-08 Acquired: 8/6/2009 19:39:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05181	-.03422	.19583	.00229	.01168	18.521	.30023	.00399
Stddev	.00170	.00052	.00288	.00212	.00003	.090	.00417	.00004
%RSD	3.2752	1.5086	1.4722	92.756	.28921	.48737	1.3903	.98240
#1	.05061	-.03459	.19787	.00379	.01170	18.585	.30318	.00401
#2	.05301	-.03386	.19379	.00079	.01165	18.457	.29728	.00396

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02043	37.156	.01786	.06639	.17678	321.19	2.6212	17.587
Stddev	.00020	.080	.00094	.00205	.00041	.64	.0022	.009
%RSD	.95928	.21631	5.2606	3.0931	.23206	.19933	.08510	.04890
#1	.02029	37.212	.01719	.06784	.17649	321.64	2.6228	17.593
#2	.02057	37.099	.01852	.06494	.17707	320.73	2.6196	17.581

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16160	-.00087	.96833	.06470	1.1714	2.8777	.01779	-.00048
Stddev	.00163	.00015	.01429	.00178	.0053	.0119	.00004	.00107
%RSD	1.0086	16.812	1.4762	2.7557	.44892	.41305	.25134	223.61
#1	.16045	-.00097	.97843	.06596	1.1751	2.8861	.01775	-.00124
#2	.16275	-.00077	.95822	.06344	1.1677	2.8693	.01782	.00028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-896.34	3.1865	.01490	.08825	z*****
Stddev	1.90	.0490	.00116	.00035	-----
%RSD	.21149	1.5381	7.8112	.39372	-----
#1	-895.00	3.2212	.01572	.08850	z 2581.5
#2	-897.68	3.1518	.01408	.08801	z 2611.6

Sample Name: A3816-08 Acquired: 8/6/2009 19:39:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	196.37	655.50	6500.6	11258.	619.81
Stddev	2.35	1.81	6.7	83.	2.26
%RSD	1.1955	.27615	.10253	.74095	.36469
#1	194.71	654.22	6505.3	11199.	618.21
#2	198.03	656.78	6495.9	11317.	621.41

Sample Name: A3816-09 Acquired: 8/6/2009 19:45:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09426	-.03516	.24734	.00926	.01191	33.259	.45198	.00425
Stddev	.00022	.00302	.00035	.00170	.00122	.096	.00205	.00008
%RSD	.22837	8.5861	.14138	18.362	10.235	.28994	.45425	1.8866
#1	.09441	-.03302	.24759	.01047	.01105	33.191	.45343	.00419
#2	.09410	-.03729	.24710	.00806	.01277	33.327	.45053	.00431

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	3.9712	.03492	.06846	.22699	216.97	1.7320	5.4617
Stddev	.00004	.0141	.00023	.00040	.00012	.25	.0017	.0505
%RSD	.36963	.35442	.66603	.59049	.05094	.11602	.09882	.92513
#1	.01183	3.9812	.03476	.06874	.22691	216.79	1.7332	5.4260
#2	.01189	3.9613	.03509	.06817	.22707	217.15	1.7308	5.4974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18144	.00062	1.0409	.08474	.92662	4.1140	.02677	-.00083
Stddev	.00138	.00013	.0062	.00055	.00186	.0106	.00017	.00010
%RSD	.75876	21.136	.59701	.64737	.20066	.25796	.61908	11.800
#1	.18047	.00071	1.0453	.08513	.92794	4.1215	.02665	-.00076
#2	.18241	.00053	1.0365	.08436	.92531	4.1065	.02689	-.00090

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-1191.2	3.0797	.01428	.12818	z*****
Stddev	3.6	.0174	.00023	.00036	-----
%RSD	.30078	.56419	1.6021	.28107	-----
#1	-1188.6	3.0919	.01444	.12792	z 2863.4
#2	-1193.7	3.0674	.01412	.12843	z 2877.7

Sample Name: A3816-09 Acquired: 8/6/2009 19:45:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	193.84	640.08	6384.4	10913.	626.36
Stddev	1.40	1.18	20.7	21.	1.01
%RSD	.72101	.18486	.32456	.19487	.16181
#1	192.85	639.24	6369.8	10898.	625.65
#2	194.83	640.91	6399.1	10928.	627.08

Sample Name: A3816-10 Acquired: 8/6/2009 19:52:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07542	-.03098	.19895	.00720	.00945	39.173	.52924	.00391
Stddev	.00079	.00315	.00146	.00134	.00067	.044	.00233	.00013
%RSD	1.0475	10.161	.73530	18.637	7.0422	.11168	.43937	3.3604
#1	.07598	-.02875	.19999	.00815	.00898	39.204	.52760	.00400
#2	.07486	-.03321	.19792	.00625	.00992	39.142	.53089	.00381

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00782	10.133	.02632	.02874	.12297	202.78	1.1355	3.4277
Stddev	.00058	.003	.00128	.00068	.00014	.36	.0019	.0127
%RSD	7.3871	.02646	4.8769	2.3591	.11373	.17563	.17082	.37202
#1	.00823	10.131	.02541	.02826	.12307	202.53	1.1341	3.4187
#2	.00741	10.135	.02722	.02922	.12287	203.03	1.1369	3.4368

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08517	-.00004	1.0719	.09960	.28892	3.4527	.03355	-.00043
Stddev	.00321	.00027	.0085	.00010	.00053	.0049	.00053	.00102
%RSD	3.7698	739.75	.79027	.10518	.18393	.14206	1.5882	235.10
#1	.08290	.00016	1.0659	.09953	.28855	3.4562	.03392	-.00115
#2	.08744	-.00023	1.0779	.09968	.28930	3.4492	.03317	.00029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-1560.5	3.4607	.01049	.21077	z*****
Stddev	.9	.0220	.00139	.00134	-----
%RSD	.05974	.63448	13.233	.63729	-----
#1	-1559.8	3.4452	.00950	.20982	z 2756.1
#2	-1561.2	3.4763	.01147	.21172	z 2750.9

Sample Name: A3816-10 Acquired: 8/6/2009 19:52:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	184.92	618.48	6126.2	10567.	632.70
Stddev	.98	3.58	7.0	9.	2.25
%RSD	.52820	.57927	.11503	.08386	.35577
#1	184.23	615.95	6121.3	10561.	631.10
#2	185.61	621.02	6131.2	10574.	634.29

Sample Name: A3816-11 Acquired: 8/6/2009 19:58:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04666	-.03552	.21387	.00807	.00788	30.854	1.2360	.00456
Stddev	.00085	.00302	.00046	.00003	.00022	.079	.0039	.00004
%RSD	1.8241	8.5118	.21705	.41388	2.8288	.25566	.31542	.77662
#1	.04605	-.03766	.21420	.00809	.00804	30.798	1.2387	.00453
#2	.04726	-.03338	.21355	.00804	.00772	30.910	1.2332	.00458

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	6.7351	.03010	.05030	.16948	125.53	6.0998	4.7139
Stddev	.00003	.0151	.00036	.00074	.00048	.31	.0126	.0245
%RSD	.43666	.22452	1.1896	1.4698	.28190	.24422	.20697	.52022
#1	.00634	6.7458	.03035	.05082	.16914	125.75	6.1087	4.7313
#2	.00630	6.7244	.02984	.04978	.16982	125.31	6.0909	4.6966

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11293	.00032	1.0291	.07063	.45568	3.6385	.04414	.00358
Stddev	.00097	.00026	.0017	.00034	.00666	.0049	.00070	.00005
%RSD	.86005	80.468	.16163	.48482	1.4614	.13318	1.5881	1.4850
#1	.11361	.00014	1.0303	.07039	.46039	3.6351	.04464	.00355
#2	.11224	.00050	1.0279	.07087	.45097	3.6419	.04365	.00362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-1183.3	2.6938	.01137	.23171	z*****
Stddev	2.2	.0282	.00171	.00179	-----
%RSD	.18276	1.0469	15.039	.77304	-----
#1	-1181.7	2.7137	.01016	.23297	z 2815.9
#2	-1184.8	2.6738	.01258	.23044	z 2820.8

Sample Name: A3816-11 Acquired: 8/6/2009 19:58:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	193.11	636.39	6308.4	10893.	636.36
Stddev	3.12	.14	1.6	32.	1.84
%RSD	1.6173	.02185	.02580	.29745	.28853
#1	190.91	636.29	6307.2	10870.	635.06
#2	195.32	636.49	6309.5	10916.	637.66

Sample Name: CCV Acquired: 8/6/2009 20:05:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0787	4.6905	4.7592	4.9924	4.9604	9.0458	9.5440	.23554
Stddev	.0101	.0001	.0134	.0173	.0067	.0270	.1002	.00002
%RSD	.19949	.00321	.28186	.34591	.13591	.29821	1.0499	.00925
#1	5.0858	4.6904	4.7497	5.0046	4.9651	9.0267	9.4731	.23552
#2	5.0715	4.6906	4.7687	4.9802	4.9556	9.0649	9.6148	.23555

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4117	23.636	.96699	2.3949	1.1660	4.8148	2.4176	23.483
Stddev	.0008	.137	.00055	.0005	.0027	.0023	.0051	.008
%RSD	.03524	.57998	.05727	.01946	.23415	.04692	.21112	.03372
#1	2.4123	23.539	.96660	2.3952	1.1640	4.8132	2.4140	23.489
#2	2.4111	23.733	.96738	2.3946	1.1679	4.8164	2.4212	23.478

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4223	1.2030	23.726	2.2959	2.2783	24.286	4.8703	4.6319
Stddev	.0039	.0003	.018	.0048	.0075	.117	.0179	.0106
%RSD	.16266	.02297	.07542	.20840	.32809	.48190	.36834	.22849
#1	2.4195	1.2032	23.714	2.2925	2.2836	24.369	4.8829	4.6244
#2	2.4251	1.2028	23.739	2.2992	2.2730	24.203	4.8576	4.6394

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.1475	F3.4052	4.8866	4.8800	zF*****
Stddev	.7072	.0012	.0050	.0066	-----
%RSD	11.503	.03375	.10306	.13463	-----
#1	6.6475	3.4044	4.8830	4.8846	z 2385.8
#2	5.6474	3.4060	4.8901	4.8753	z 2406.7

Sample Name: CCV Acquired: 8/6/2009 20:05:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.09	540.42	5379.9	9400.9	647.68
Stddev	.21	1.15	15.6	8.0	.04
%RSD	.12207	.21284	.28942	.08505	.00566
#1	167.94	539.61	5368.9	9406.6	647.65
#2	168.23	541.23	5390.9	9395.3	647.71

Sample Name: CCB Acquired: 8/6/2009 20:11:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00114	.00175	.00004	.00187	.03521	.00100	-.00006
Stddev	.00130	.00047	.00135	.00009	.00074	.00567	.00010	.00002
%RSD	98.931	41.672	77.481	217.51	39.429	16.104	10.291	32.078
#1	-.00039	.00147	.00079	-.00002	.00239	.03922	.00093	-.00005
#2	-.00223	.00080	.00270	.00011	.00135	.03120	.00107	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00441	-.00069	-.00025	-.00013	-.00093	-.00014	-.00058
Stddev	.00015	.00346	.00036	.00041	.00052	.00189	.00036	.00934
%RSD	201.65	78.294	52.223	162.90	382.75	203.16	251.58	1618.8
#1	.00003	.00197	-.00043	.00004	-.00050	-.00227	.00011	-.00718
#2	-.00018	.00686	-.00094	-.00054	.00023	.00041	-.00040	.00603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00059	.00229	-.00021	-.00016	.00801	.00056	-.00002
Stddev	.00013	.00150	.00047	.00105	.00011	.00046	.00050	.00032
%RSD	20.315	255.90	20.583	500.14	69.751	5.7170	90.677	1978.1
#1	-.00056	.00047	.00263	.00053	-.00024	.00768	.00091	.00021
#2	-.00075	-.00164	.00196	-.00095	-.00008	.00833	.00020	-.00024

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.0878	-.01450	.00160	.00033	z*****
Stddev	.0038	.00629	.00191	.00005	-----
%RSD	.07436	43.390	119.68	14.384	-----
#1	5.0851	-.01895	.00025	.00036	z 2373.3
#2	5.0904	-.01005	.00295	.00029	z 2375.7

Sample Name: CCB Acquired: 8/6/2009 20:11:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.56	549.24	5381.1	9385.7	630.39
Stddev	3.68	1.04	32.4	18.6	1.47
%RSD	2.2080	.18882	.60181	.19789	.23331
#1	169.16	549.97	5404.0	9372.6	629.35
#2	163.96	548.51	5358.2	9398.8	631.43

Sample Name: A3816-12 Acquired: 8/6/2009 20:18:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02196	-.03876	.26290	.00519	.00611	35.378	.64308	.00506
Stddev	.00096	.00371	.00465	.00002	.00054	.078	.00110	.00018
%RSD	4.3740	9.5669	1.7698	.45740	8.8460	.22164	.17093	3.4902
#1	.02128	-.03614	.25961	.00521	.00649	35.323	.64230	.00518
#2	.02264	-.04138	.26619	.00517	.00573	35.434	.64385	.00493

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	16.064	.06794	.11306	.12089	163.62	3.3983	23.626
Stddev	.00005	.060	.00022	.00028	.00008	.75	.0104	.191
%RSD	.52586	.37139	.32734	.25106	.06611	.45926	.30739	.80768
#1	.01004	16.022	.06810	.11286	.12083	163.09	3.3909	23.491
#2	.01012	16.106	.06778	.11326	.12094	164.15	3.4056	23.761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21065	.00036	.82634	.10773	.34665	8.0557	.00265	.00802
Stddev	.00152	.00019	.00292	.00030	.00187	.0164	.00017	.00283
%RSD	.72290	52.900	.35362	.28247	.54033	.20314	6.3393	35.307
#1	.21172	.00022	.82841	.10795	.34533	8.0442	.00277	.01003
#2	.20957	.00049	.82428	.10752	.34798	8.0673	.00254	.00602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-390.73	2.0699	.01747	.45292	z*****
Stddev	2.61	.0171	.00159	.00084	-----
%RSD	.66872	.82618	9.0931	.18640	-----
#1	-388.88	2.0578	.01635	.45352	z 3854.8
#2	-392.58	2.0820	.01860	.45233	z 3895.3

Sample Name: A3816-12 Acquired: 8/6/2009 20:18:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	205.94	680.72	6721.5	11636.	629.75
Stddev	.75	2.44	1.5	7.	1.11
%RSD	.36383	.35803	.02232	.05658	.17703
#1	206.47	679.00	6722.6	11641.	630.54
#2	205.41	682.45	6720.4	11631.	628.96

Sample Name: A3816-13 Acquired: 8/6/2009 20:24:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03835	-.03301	.87838	.00676	.00865	62.267	.72385	.00367
Stddev	.00074	.00089	.00506	.00008	.00338	.017	.00647	.00004
%RSD	1.9409	2.6934	.57610	1.1724	39.045	.02713	.89378	1.0540
#1	.03887	-.03364	.88196	.00671	.00626	62.279	.72843	.00370
#2	.03782	-.03238	.87480	.00682	.01104	62.255	.71928	.00364

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00768	14.483	.09260	.07409	.21815	162.43	3.9632	31.106
Stddev	.00014	.033	.00075	.00016	.00007	.33	.0039	.014
%RSD	1.8566	.22591	.81182	.21978	.03163	.20259	.09812	.04463
#1	.00778	14.506	.09207	.07421	.21820	162.66	3.9659	31.115
#2	.00758	14.460	.09313	.07398	.21811	162.20	3.9604	31.096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15384	-.00030	1.0610	.11276	.64406	5.1978	.00676	.00370
Stddev	.00064	.00038	.0063	.00139	.00458	.0351	.00031	.00072
%RSD	.41424	125.54	.59573	1.2284	.71163	.67482	4.5300	19.421
#1	.15429	-.00057	1.0655	.11374	.64730	5.2226	.00654	.00421
#2	.15339	-.00003	1.0565	.11178	.64082	5.1730	.00697	.00319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-408.40	3.4165	.03289	.41114	z*****
Stddev	1.39	.0254	.00030	.00125	-----
%RSD	.34076	.74218	.92049	.30447	-----
#1	-407.42	3.4344	.03310	.41203	z 4739.2
#2	-409.39	3.3985	.03267	.41026	z 4713.7

Sample Name: A3816-13 Acquired: 8/6/2009 20:24:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	181.10	596.45	5984.7	10325.	629.86
Stddev	1.60	1.14	.8	38.	1.86
%RSD	.88123	.19087	.01342	.36479	.29488
#1	179.97	595.65	5985.2	10299.	628.54
#2	182.23	597.26	5984.1	10352.	631.17

Sample Name: A3816-15 Acquired: 8/6/2009 20:31:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04727	-.03691	.46157	.00703	.00893	50.419	.70618	.00345
Stddev	.00148	.00248	.00048	.00271	.00293	.271	.00384	.00006
%RSD	3.1394	6.7165	.10343	38.552	32.806	.53821	.54383	1.6543
#1	.04623	-.03866	.46191	.00894	.00686	50.227	.70346	.00341
#2	.04832	-.03516	.46123	.00511	.01100	50.610	.70889	.00349

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	11.068	.07000	.05843	.21190	150.22	3.2532	20.277
Stddev	.00001	.108	.00013	.00058	.00143	.61	.0067	.149
%RSD	.17991	.97238	.18604	.98954	.67426	.40541	.20531	.73571
#1	.00596	10.992	.06991	.05802	.21291	149.79	3.2485	20.172
#2	.00595	11.144	.07009	.05884	.21089	150.65	3.2580	20.383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13365	.00058	1.0582	.10107	.50114	4.5909	.02890	.00263
Stddev	.00076	.00045	.0012	.00188	.00979	.0098	.00042	.00007
%RSD	.56787	76.546	.11499	1.8612	1.9535	.21386	1.4579	2.7218
#1	.13311	.00090	1.0590	.09974	.49422	4.5979	.02920	.00258
#2	.13418	.00027	1.0573	.10240	.50806	4.5840	.02860	.00268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-793.18	3.3655	.02317	.40966	z*****
Stddev	6.76	.0184	.00285	.00044	-----
%RSD	.85184	.54605	12.317	.10719	-----
#1	-788.41	3.3525	.02115	.40935	z 3940.8
#2	-797.96	3.3785	.02519	.40997	z 3950.6

Sample Name: A3816-15 Acquired: 8/6/2009 20:31:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	181.77	592.76	5877.7	10180.	626.13
Stddev	3.52	.78	30.3	8.	2.79
%RSD	1.9392	.13082	.51534	.07542	.44533
#1	184.26	592.21	5856.3	10185.	628.10
#2	179.28	593.31	5899.1	10174.	624.16

Sample Name: A3816-16 Acquired: 8/6/2009 20:38:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06799	-.03184	.92073	.00505	.01124	87.665	1.5454	.00618
Stddev	.00226	.00135	.00566	.00184	.00113	.554	.0092	.00012
%RSD	3.3312	4.2368	.61487	36.462	10.022	.63246	.59797	1.9789
#1	.06959	-.03279	.92473	.00635	.01044	88.057	1.5519	.00626
#2	.06639	-.03088	.91672	.00374	.01203	87.273	1.5389	.00609

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01797	47.954	.12720	.11666	.33868	245.39	10.046	39.917
Stddev	.00002	.027	.00065	.00030	.00101	.22	.002	.091
%RSD	.13187	.05667	.51054	.25485	.29924	.08892	.02356	.22830
#1	.01796	47.935	.12674	.11687	.33940	245.54	10.045	39.852
#2	.01799	47.973	.12766	.11645	.33796	245.23	10.048	39.981

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26183	.00043	2.2639	.15610	1.1574	7.1596	.00853	.00758
Stddev	.00173	.00009	.0111	.00176	.0182	.0278	.00068	.00020
%RSD	.66070	21.117	.49105	1.1250	1.5743	.38798	7.9715	2.6368
#1	.26061	.00049	2.2718	.15734	1.1703	7.1793	.00901	.00772
#2	.26306	.00036	2.2560	.15485	1.1445	7.1400	.00805	.00744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-716.40	4.8139	.11748	.71532	z*****
Stddev	3.66	.0411	.00138	.00205	-----
%RSD	.51046	.85426	1.1765	.28720	-----
#1	-713.81	4.8430	.11846	.71677	z 6121.8
#2	-718.98	4.7849	.11651	.71386	z 6147.8

Sample Name: A3816-16 Acquired: 8/6/2009 20:38:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	185.03	611.87	6167.9	10646.	621.84
Stddev	3.64	1.73	11.4	46.	.50
%RSD	1.9656	.28236	.18552	.43061	.08111
#1	182.46	610.65	6159.8	10614.	622.20
#2	187.60	613.09	6176.0	10678.	621.48

Sample Name: A3816-17 Acquired: 8/6/2009 20:44:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04113	-.03642	.14975	.00700	.00602	50.576	.56756	.00398
Stddev	.00133	.00022	.00495	.00127	.00037	.127	.00325	.00010
%RSD	3.2295	.60107	3.3025	18.214	6.1050	.25108	.57321	2.4141
#1	.04207	-.03657	.15324	.00610	.00576	50.486	.56526	.00404
#2	.04019	-.03627	.14625	.00790	.00627	50.665	.56986	.00391

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	13.179	.05593	.05672	.15271	141.29	1.7561	13.717
Stddev	.00003	.048	.00041	.00093	.00066	.36	.0045	.089
%RSD	.46204	.36791	.72822	1.6408	.43222	.25251	.25640	.64771
#1	.00566	13.145	.05622	.05606	.15225	141.04	1.7529	13.655
#2	.00569	13.213	.05565	.05737	.15318	141.54	1.7593	13.780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12967	-.00025	1.0530	.10261	.38589	3.3703	.02309	.00421
Stddev	.00093	.00047	.0049	.00037	.00022	.0009	.00018	.00094
%RSD	.72072	189.18	.46654	.35904	.05830	.02673	.76265	22.393
#1	.12901	-.00058	1.0495	.10235	.38573	3.3709	.02321	.00487
#2	.13033	.00008	1.0564	.10287	.38605	3.3696	.02296	.00354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-292.57	3.5879	.01041	.41739	z*****
Stddev	1.68	.0212	.00177	.00289	-----
%RSD	.57511	.59147	16.971	.69263	-----
#1	-291.38	3.5729	.01165	.41535	z 3495.8
#2	-293.76	3.6029	.00916	.41944	z 3510.5

Sample Name: A3816-17 Acquired: 8/6/2009 20:44:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	184.50	612.19	6143.6	10541.	626.37
Stddev	.71	3.10	5.9	8.	1.30
%RSD	.38402	.50707	.09618	.07941	.20772
#1	184.00	609.99	6139.4	10535.	625.45
#2	185.00	614.38	6147.7	10547.	627.29

Sample Name: A3816-18 Acquired: 8/6/2009 20:51:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03811	-.03534	.10921	.00696	.00786	47.907	.44166	.00376
Stddev	.00242	.00431	.00551	.00152	.00258	.250	.00226	.00004
%RSD	6.3475	12.200	5.0459	21.812	32.852	.52268	.51145	1.1154
#1	.03982	-.03839	.10532	.00804	.00968	47.730	.44326	.00379
#2	.03640	-.03229	.11311	.00589	.00603	48.084	.44006	.00373

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	6.9596	.04858	.04995	.13070	156.40	2.1437	9.3009
Stddev	.00004	.0066	.00107	.00006	.00059	.20	.0026	.0157
%RSD	.72830	.09460	2.1951	.12434	.45273	.12514	.12291	.16824
#1	.00525	6.9549	.04782	.04990	.13028	156.53	2.1456	9.2898
#2	.00530	6.9642	.04933	.04999	.13111	156.26	2.1418	9.3120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09784	.00029	.94508	.10543	.44213	3.2544	.02857	-.00068
Stddev	.00057	.00049	.00232	.00086	.00080	.0022	.00045	.00065
%RSD	.58750	171.93	.24536	.81999	.18083	.06764	1.5855	95.308
#1	.09824	-.00006	.94344	.10605	.44156	3.2528	.02889	-.00114
#2	.09743	.00064	.94672	.10482	.44269	3.2559	.02825	-.00022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-371.98	3.0464	.00621	.47200	z*****
Stddev	1.97	.0274	.00104	.00113	-----
%RSD	.52834	.90071	16.773	.23958	-----
#1	-370.59	3.0270	.00695	.47280	z 3216.1
#2	-373.37	3.0658	.00547	.47121	z 3223.5

Sample Name: A3816-18 Acquired: 8/6/2009 20:51:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	176.30	588.75	5904.4	10066.	628.05
Stddev	.35	1.61	3.2	10.	.69
%RSD	.19693	.27303	.05354	.10018	.10958
#1	176.05	587.62	5906.7	10059.	627.57
#2	176.54	589.89	5902.2	10073.	628.54

Sample Name: A3816-19 Acquired: 8/6/2009 20:57:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09331	-.03532	.21238	.00647	.01207	28.445	.44646	.00493
Stddev	.00158	.00014	.00551	.00051	.00144	.025	.00134	.00021
%RSD	1.6906	.39343	2.5944	7.8746	11.903	.08695	.30057	4.2909
#1	.09443	-.03542	.20848	.00683	.01106	28.428	.44741	.00478
#2	.09220	-.03522	.21627	.00611	.01309	28.462	.44551	.00508

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01698	4.0097	.01776	.03275	.13094	295.73	1.2744	2.0432
Stddev	.00024	.0075	.00012	.00010	.00047	.16	.0000	.0399
%RSD	1.4254	.18618	.68695	.29963	.36207	.05519	.00242	1.9547
#1	.01681	4.0150	.01784	.03282	.13061	295.61	1.2744	2.0714
#2	.01716	4.0044	.01767	.03268	.13128	295.85	1.2744	2.0149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09534	.00052	.98034	.13321	.14710	3.2750	.04762	-.00431
Stddev	.00061	.00047	.00491	.00021	.00021	.0014	.00016	.00102
%RSD	.64258	89.885	.50046	.16040	.14331	.04393	.33916	23.635
#1	.09578	.00019	.98381	.13336	.14696	3.2740	.04751	-.00503
#2	.09491	.00085	.97687	.13306	.14725	3.2760	.04774	-.00359

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-1648.9	3.0844	.00956	.13008	z*****
Stddev	7.3	.0189	.00121	.00050	-----
%RSD	.44334	.61409	12.677	.38209	-----
#1	-1643.8	3.0978	.01042	.12973	z 2514.8
#2	-1654.1	3.0710	.00871	.13043	z 2516.4

Sample Name: A3816-19 Acquired: 8/6/2009 20:57:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	194.85	638.13	6418.0	11050.	609.15
Stddev	.39	1.63	33.0	41.	1.24
%RSD	.19805	.25523	.51373	.37052	.20353
#1	194.58	636.97	6394.7	11021.	610.02
#2	195.12	639.28	6441.4	11079.	608.27

Sample Name: A3816-20 Acquired: 8/6/2009 21:04:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04104	-.03687	.11826	.00875	.00571	83.144	.34887	.00422
Stddev	.00074	.00345	.00234	.00432	.00271	.727	.00281	.00005
%RSD	1.7949	9.3465	1.9774	49.336	47.535	.87430	.80571	1.2439
#1	.04052	-.03931	.11661	.01180	.00763	82.630	.34688	.00418
#2	.04156	-.03443	.11991	.00570	.00379	83.658	.35086	.00426

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00739	2.8617	.08221	.09072	.18146	195.05	3.3279	22.584
Stddev	.00032	.0150	.00106	.00022	.00125	1.10	.0177	.267
%RSD	4.3029	.52528	1.2877	.24193	.69096	.56139	.53245	1.1811
#1	.00717	2.8511	.08296	.09087	.18057	194.27	3.3154	22.396
#2	.00762	2.8723	.08146	.09056	.18234	195.82	3.3404	22.773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15521	-.00018	1.0585	.12405	.40474	4.0330	.00549	-.00061
Stddev	.00183	.00058	.0106	.00108	.00500	.0207	.00026	.00085
%RSD	1.1759	313.67	.99802	.86666	1.2358	.51221	4.7974	139.60
#1	.15650	.00022	1.0510	.12329	.40120	4.0184	.00567	-.00120
#2	.15392	-.00059	1.0659	.12481	.40827	4.0476	.00530	-.00001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-168.23	3.7134	.00627	.68228	z*****
Stddev	1.61	.0338	.00039	.00712	-----
%RSD	.95575	.91169	6.2562	1.0430	-----
#1	-169.36	3.6895	.00655	.67725	z 4310.3
#2	-167.09	3.7373	.00599	.68731	z 4338.6

Sample Name: A3816-20 Acquired: 8/6/2009 21:04:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	178.99	591.55	5906.5	10147.	629.50
Stddev	1.09	2.59	7.7	51.	1.68
%RSD	.60770	.43789	.13063	.50548	.26622
#1	179.76	589.72	5901.0	10183.	628.31
#2	178.23	593.38	5911.9	10110.	630.68

Sample Name: A3816-21 Acquired: 8/6/2009 21:10:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03770	-.03568	.11579	.00643	.00540	79.041	.33486	.00422
Stddev	.00021	.00083	.00380	.00142	.00092	.152	.00059	.00009
%RSD	.55000	2.3218	3.2819	22.153	17.105	.19223	.17513	2.1583
#1	.03756	-.03510	.11848	.00743	.00475	79.148	.33527	.00415
#2	.03785	-.03627	.11310	.00542	.00606	78.933	.33444	.00428

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00679	6.7905	.08678	.09515	.14517	184.16	4.1499	26.222
Stddev	.00034	.0136	.00007	.00011	.00029	.63	.0084	.071
%RSD	5.0246	.20048	.07927	.11834	.19897	.34036	.20308	.27108
#1	.00703	6.7809	.08674	.09523	.14497	183.72	4.1440	26.171
#2	.00655	6.8001	.08683	.09507	.14538	184.61	4.1559	26.272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14907	-.00067	.95058	.11814	.37977	3.9073	.00361	.00035
Stddev	.00003	.00024	.00158	.00033	.00756	.0017	.00037	.00158
%RSD	.02137	36.540	.16630	.27927	1.9916	.04257	10.377	453.39
#1	.14909	-.00084	.94946	.11837	.38512	3.9062	.00387	.00147
#2	.14905	-.00050	.95170	.11790	.37442	3.9085	.00334	-.00077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-63.947	3.5705	.00867	.52610	z*****
Stddev	.164	.0178	.00026	.00027	-----
%RSD	.25644	.49961	2.9843	.05083	-----
#1	-64.063	3.5831	.00886	.52591	z 4523.6
#2	-63.831	3.5579	.00849	.52629	z 4542.6

Sample Name: A3816-21 Acquired: 8/6/2009 21:10:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	182.24	597.33	5923.7	10184.	631.13
Stddev	4.10	1.58	5.4	26.	2.18
%RSD	2.2504	.26517	.09102	.25892	.34470
#1	179.34	598.45	5919.9	10165.	629.59
#2	185.14	596.21	5927.5	10202.	632.67

Sample Name: A3816-22 Acquired: 8/6/2009 21:17:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05569	-.03604	.10679	.00324	.00944	13.253	.30291	.00279
Stddev	.00114	.00341	.00101	.00031	.00064	.044	.00103	.00001
%RSD	2.0432	9.4753	.94157	9.4684	6.8142	.33101	.33857	.26097
#1	.05489	-.03846	.10751	.00346	.00898	13.222	.30218	.00279
#2	.05650	-.03363	.10608	.00302	.00989	13.284	.30363	.00278

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01191	27.326	.01762	.09287	.19809	199.50	4.0783	12.684
Stddev	.00020	.128	.00024	.00279	.00015	1.34	.0288	.058
%RSD	1.7062	.46780	1.3509	3.0023	.07704	.67155	.70632	.45589
#1	.01177	27.236	.01779	.09090	.19820	198.55	4.0579	12.643
#2	.01206	27.416	.01745	.09485	.19798	200.45	4.0987	12.725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17459	.00069	.79447	.07219	.14630	2.4398	.02379	-.00074
Stddev	.00000	.00009	.00286	.00013	.00096	.0198	.00129	.00005
%RSD	.00163	13.269	.36016	.18647	.65694	.81106	5.4094	6.6122
#1	.17459	.00075	.79649	.07209	.14698	2.4258	.02288	-.00077
#2	.17459	.00062	.79245	.07228	.14562	2.4538	.02470	-.00070

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-504.57	3.4621	.00760	.12858	z*****
Stddev	.87	.0016	.00068	.00043	-----
%RSD	.17307	.04522	8.9498	.33545	-----
#1	-503.95	3.4632	.00808	.12827	z 2592.4
#2	-505.18	3.4610	.00712	.12888	z 2601.8

Sample Name: A3816-22 Acquired: 8/6/2009 21:17:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	201.71	676.90	6739.8	11560.	619.53
Stddev	.01	1.19	24.4	22.	.25
%RSD	.00417	.17619	.36177	.19033	.03995
#1	201.71	677.74	6757.1	11575.	619.71
#2	201.70	676.05	6722.6	11544.	619.36

Sample Name: CCV Acquired: 8/6/2009 21:24:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0862	4.8000	4.7946	5.1646	5.0263	9.3211	9.9280	.23913
Stddev	.0185	.0087	.0157	.0239	.0198	.1083	.0320	.00287
%RSD	.36388	.18208	.32759	.46298	.39317	1.1619	.32269	1.1990
#1	5.0993	4.7938	4.7835	5.1815	5.0402	9.3977	9.9054	.24116
#2	5.0731	4.8062	4.8057	5.1477	5.0123	9.2445	9.9507	.23710

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4190	23.841	.94700	2.4063	1.1904	4.9015	2.4387	23.922
Stddev	.0016	.216	.00545	.0014	.0094	.0435	.0140	.199
%RSD	.06788	.90407	.57572	.05675	.79107	.88656	.57308	.83073
#1	2.4179	23.994	.95085	2.4053	1.1971	4.9323	2.4486	24.063
#2	2.4202	23.689	.94314	2.4073	1.1838	4.8708	2.4289	23.782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4014	1.1872	24.491	2.3722	2.4073	24.839	5.0234	4.7521
Stddev	.0069	.0060	.132	.0247	.0109	.043	.0223	.0188
%RSD	.28668	.50427	.54006	1.0424	.45272	.17153	.44339	.39489
#1	2.3965	1.1914	24.585	2.3897	2.4150	24.869	5.0391	4.7654
#2	2.4063	1.1829	24.398	2.3547	2.3996	24.809	5.0076	4.7389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.4334	F3.6872	4.8567	4.9750	zF*****
Stddev	.7082	.0483	.0129	.0273	-----
%RSD	11.008	1.3087	.26618	.54927	-----
#1	6.9342	3.7213	4.8476	4.9943	z 2366.7
#2	5.9327	3.6530	4.8658	4.9557	z 2343.4

Sample Name: CCV Acquired: 8/6/2009 21:24:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.20	526.74	5325.9	9095.8	638.33
Stddev	1.31	2.35	11.7	76.3	.24
%RSD	.83366	.44703	.21890	.83889	.03817
#1	156.27	525.07	5317.7	9041.9	638.16
#2	158.12	528.40	5334.2	9149.8	638.50

Sample Name: CCB Acquired: 8/6/2009 21:30:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00156	-.00144	-.00022	.00279	.01542	.00032	-.00005
Stddev	.00139	.00307	.00103	.00032	.00077	.00269	.00190	.00001
%RSD	244.96	196.78	71.885	145.90	27.644	17.427	583.66	15.812
#1	-.00041	.00061	-.00071	.00001	.00334	.01732	-.00102	-.00006
#2	.00155	-.00373	-.00217	-.00044	.00225	.01352	.00167	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00064	-.00002	.00006	.00051	.00501	-.00005	-.00401
Stddev	.00000	.00291	.00063	.00031	.00088	.00190	.00021	.00896
%RSD	2.9806	456.53	2537.0	482.38	174.58	38.002	447.58	223.60
#1	-.00008	.00142	.00042	-.00016	-.00012	.00635	-.00020	-.01035
#2	-.00008	-.00270	-.00047	.00029	.00113	.00366	.00010	.00233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00040	-.00473	-.00045	-.00045	.00985	.00063	.00159
Stddev	.00192	.00031	.00181	.00030	.00018	.00011	.00019	.00078
%RSD	1264.2	76.677	38.232	67.898	40.872	1.1191	30.156	49.243
#1	-.00151	-.00018	-.00601	-.00023	-.00058	.00977	.00077	.00103
#2	.00121	-.00062	-.00345	-.00066	-.00032	.00993	.00050	.00214

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.7040	-.00398	.00013	.00030	z*****
Stddev	.1550	.00219	.00128	.00018	-----
%RSD	2.7178	55.049	986.47	59.726	-----
#1	5.8136	-.00243	.00103	.00042	z 2329.7
#2	5.5944	-.00552	-.00077	.00017	z 2351.0

Sample Name: CCB Acquired: 8/6/2009 21:30:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.08	534.34	5440.6	9325.6	618.51
Stddev	2.01	.35	103.3	172.8	.80
%RSD	1.2179	.06528	1.8979	1.8532	.12881
#1	166.50	534.09	5513.6	9447.9	617.95
#2	163.66	534.59	5367.5	9203.4	619.07

Sample Name: PB43886BL Acquired: 8/6/2009 21:37:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	.00042	.00267	.00004	.00194	.02693	-.00006	-.00010
Stddev	.00066	.00032	.00014	.00173	.00026	.00187	.00024	.00002
%RSD	22.167	76.544	5.2692	4809.6	13.562	6.9459	387.71	21.692
#1	-.00342	.00019	.00277	-.00118	.00175	.02561	-.00023	-.00011
#2	-.00249	.00065	.00257	.00126	.00212	.02825	.00011	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.01109	.00094	.00035	-.00063	-.00958	-.00029	.00999
Stddev	.00018	.00329	.00067	.00013	.00041	.00030	.00019	.00713
%RSD	102.88	29.713	72.021	37.918	64.668	3.0862	63.276	71.361
#1	-.00030	-.01342	.00046	.00045	-.00034	-.00938	-.00016	.01504
#2	-.00005	-.00876	.00141	.00026	-.00091	-.00979	-.00043	.00495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00001	-.00907	.00080	-.00181	.00686	-.00003	-.00253
Stddev	.00031	.00029	.00138	.00061	.00072	.00533	.00012	.00074
%RSD	725.71	5802.3	15.193	76.121	39.940	77.696	403.48	29.346
#1	.00026	.00020	-.00810	.00124	-.00232	.01063	-.00012	-.00305
#2	-.00018	-.00021	-.01005	.00037	-.00130	.00309	.00006	-.00200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	12.600	-.01386	-.00045	-.00044	z*****
Stddev	.598	.01284	.00119	.00020	-----
%RSD	4.7463	92.625	262.40	45.049	-----
#1	13.023	-.00478	-.00129	-.00030	z 2330.5
#2	12.177	-.02294	.00039	-.00058	z 2343.9

Sample Name: PB43886BL Acquired: 8/6/2009 21:37:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.79	530.41	5428.2	9274.2	610.58
Stddev	1.23	9.80	6.7	.6	3.26
%RSD	.76703	1.8468	.12252	.00687	.53388
#1	161.66	523.48	5423.5	9273.7	608.28
#2	159.92	537.33	5432.9	9274.6	612.89

Sample Name: PB43886BS Acquired: 8/6/2009 21:44:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77962	1.6931	.89151	1.9814	.80989	1.6796	.20347	.18971	.18946
Stddev	.00049	.0022	.00408	.0043	.00551	.0119	.00084	.00200	.00032
%RSD	.06262	.12732	.45820	.21805	.68068	.70975	.41431	1.0539	.17043
#1	.77997	1.6915	.88862	1.9845	.81379	1.6712	.20287	.18830	.18968
#2	.77928	1.6946	.89440	1.9784	.80599	1.6880	.20406	.19113	.18923

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94728	.35801	.18616	.26534	2.9225	.19370	1.8742	.45811	.06257
Stddev	.00792	.00308	.00060	.00101	.0006	.00049	.0187	.00033	.00058
%RSD	.83614	.86021	.32291	.38103	.02216	.25095	.99784	.07130	.92524
#1	.94168	.35583	.18658	.26462	2.9221	.19336	1.8609	.45787	.06298
#2	.95288	.36018	.18573	.26605	2.9230	.19404	1.8874	.45834	.06216

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8628	.27146	.18251	9.7945	.39239	.26834	12.452	.68935	.67545
Stddev	.0158	.00092	.00155	.0029	.00033	.00110	.262	.02484	.00342
%RSD	.55282	.33924	.85013	.02997	.08513	.41041	2.1054	3.6030	.50655
#1	2.8516	.27081	.18141	9.7966	.39263	.26912	12.638	.70692	.67303
#2	2.8739	.27211	.18361	9.7924	.39215	.26756	12.267	.67179	.67787

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.20247	z*****
Stddev	.00066	-----
%RSD	.32455	-----
#1	.20200	z 5756.0
#2	.20293	z 5764.1

Sample Name: PB43886BS Acquired: 8/6/2009 21:44:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.28	534.62	5392.6	9056.7	625.83
Stddev	.68	.37	40.2	61.1	1.52
%RSD	.42222	.06966	.74618	.67411	.24368
#1	160.76	534.36	5421.0	9099.8	626.90
#2	159.80	534.89	5364.1	9013.5	624.75

Sample Name: A3814-11 Acquired: 8/6/2009 21:50:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01654	-.04440	.11955	.01885	-.00063	25.220	31.523	.00004
Stddev	.00049	.00394	.00081	.00127	.00128	.092	.186	.00001
%RSD	2.9836	8.8765	.67375	6.7493	201.34	.36488	.59160	32.110
#1	-.01620	-.04719	.11898	.01975	-.00154	25.155	31.392	.00005
#2	-.01689	-.04161	.12012	.01795	.00027	25.285	31.655	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	9.3241	.07491	5.4306	.19053	84.307	.45018	4.3492
Stddev	.00035	.0219	.00044	.0032	.00170	.239	.00152	.0439
%RSD	7.7790	.23504	.58223	.05822	.89174	.28306	.33816	1.0084
#1	.00423	9.3086	.07522	5.4284	.18933	84.138	.44910	4.3182
#2	.00473	9.3396	.07460	5.4328	.19173	84.476	.45125	4.3802

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07634	.04965	6.5136	.01267	1.0345	3.0719	.00669	.01833
Stddev	.00117	.00115	.0153	.00019	.0269	.0149	.00029	.00063
%RSD	1.5365	2.3223	.23424	1.4636	2.5968	.48400	4.3916	3.4165
#1	.07717	.05047	6.5029	.01280	1.0155	3.0824	.00648	.01877
#2	.07551	.04884	6.5244	.01254	1.0535	3.0614	.00690	.01789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-7114.8	2.0203	.85442	2.7088	z*****
Stddev	12.5	.0476	.00059	.0079	-----
%RSD	.17610	2.3563	.06918	.29130	-----
#1	-7123.7	1.9866	.85400	2.7033	z 6851.9
#2	-7106.0	2.0540	.85483	2.7144	z 6883.6

Sample Name: A3814-11 Acquired: 8/6/2009 21:50:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.49	503.11	5045.5	8935.2	611.37
Stddev	2.67	3.59	32.3	1.6	4.16
%RSD	1.7598	.71309	.63931	.01844	.67980
#1	153.38	500.58	5022.7	8936.4	608.43
#2	149.61	505.65	5068.3	8934.1	614.31

Sample Name: ZZZZZZ Acquired: 8/6/2009 21:57:13 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00734	.00824	.00367	.00256	2.4113	3.4550	-.00009
Stddev	.00294	.00264	.00208	.00025	.00163	.0389	.0239	.00000
%RSD	100.37	35.921	25.220	6.7902	63.573	1.6140	.69157	3.7277
#1	-.00501	-.00921	.00677	.00350	.00371	2.4388	3.4719	-.00009
#2	-.00085	-.00548	.00970	.00385	.00141	2.3838	3.4381	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.0050	.00611	.53684	.01825	9.0962	.04796	.48069
Stddev	.00019	.0083	.00059	.00397	.00039	.0881	.00014	.01268
%RSD	491.84	.82125	9.5908	.74025	2.1342	.96795	.29666	2.6383
#1	.00009	1.0109	.00569	.53965	.01798	9.1584	.04786	.48966
#2	-.00017	.99920	.00652	.53403	.01853	9.0339	.04806	.47172

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	.00439	.70564	.00093	.10427	.33925	.00055	.00059
Stddev	.00007	.00028	.00315	.00012	.00042	.01335	.00003	.00060
%RSD	1.0890	6.4639	.44709	13.201	.40744	3.9347	5.2595	102.96
#1	.00667	.00419	.70787	.00084	.10457	.34868	.00057	.00102
#2	.00678	.00459	.70341	.00102	.10397	.32981	.00053	.00016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-836.47	.21852	.08656	.28746	z*****
Stddev	.62	.01013	.00275	.00375	-----
%RSD	.07405	4.6380	3.1780	1.3041	-----
#1	-836.04	.21135	.08851	.29011	z 2753.3
#2	-836.91	.22568	.08462	.28481	z 2748.8

Sample Name: ZZZZZZ Acquired: 8/6/2009 21:57:13 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.56	520.25	5380.4	9243.1	617.04
Stddev	1.38	1.91	50.2	60.2	1.48
%RSD	.87917	.36652	.93276	.65153	.24065
#1	157.54	518.90	5345.0	9200.5	615.99
#2	155.59	521.60	5415.9	9285.7	618.09

Sample Name: A3814-12 Acquired: 8/6/2009 22:03:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.02434	.40226	-.00728	.02596	43.955	6.2184	.00228
Stddev	.00019	.00099	.00317	.00009	.00461	.120	.0209	.00002
%RSD	24.785	4.0843	.78730	1.2115	17.758	.27333	.33564	.89669
#1	-.00063	-.02363	.40002	-.00734	.02270	43.870	6.2037	.00229
#2	-.00089	-.02504	.40450	-.00722	.02922	44.040	6.2332	.00226

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09480	1114.8	.10345	1.8266	.25394	599.92	1.2216	24.032
Stddev	.00091	.8	.00099	.0051	.00162	1.41	.0024	.134
%RSD	.95941	.07619	.95955	.27776	.63600	.23428	.20034	.55700
#1	.09544	1114.2	.10275	1.8230	.25508	598.93	1.2199	23.937
#2	.09416	1115.4	.10415	1.8302	.25279	600.91	1.2233	24.126

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20506	-.00239	2.5552	.04935	F141.70	.70973	-.01024	-.03641
Stddev	.00006	.00050	.0216	.00069	.92	.01429	.00034	.00142
%RSD	.02970	20.937	.84361	1.4022	.64942	2.0138	3.3207	3.8968
#1	.20510	-.00204	2.5704	.04886	142.35	.71984	-.01000	-.03540
#2	.20501	-.00275	2.5399	.04984	141.05	.69963	-.01048	-.03741

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-862.91	2.3632	.04308	.19773	z*****
Stddev	1.12	.0438	.00027	.00063	-----
%RSD	.13028	1.8540	.63466	.31862	-----
#1	-863.70	2.3942	.04327	.19818	z 6361.6
#2	-862.11	2.3322	.04289	.19729	z 6362.5

Sample Name: A3814-12 Acquired: 8/6/2009 22:03:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	136.08	473.77	4832.9	8325.6	584.73
Stddev	2.03	2.04	5.7	25.4	1.99
%RSD	1.4946	.42961	.11724	.30547	.34055
#1	134.65	472.33	4836.9	8307.6	583.32
#2	137.52	475.20	4828.9	8343.5	586.14

Sample Name: ZZZZZZ Acquired: 8/6/2009 22:10:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00602	.03791	.00001	.00434	3.8181	.65390	.00012
Stddev	.00037	.00111	.00371	.00097	.00246	.0521	.00784	.00002
%RSD	597.68	18.424	9.7890	8403.5	56.638	1.3652	1.1994	16.007
#1	.00020	-.00524	.04054	-.00068	.00608	3.8550	.65945	.00010
#2	-.00032	-.00681	.03529	.00070	.00260	3.7813	.64836	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	122.76	.01082	.17903	.03150	68.515	.13501	2.6190
Stddev	.00056	.95	.00063	.00104	.00156	.496	.00064	.0180
%RSD	8.2741	.77316	5.8495	.58105	4.9372	.72341	.47340	.68859
#1	.00643	123.43	.01037	.17976	.03260	68.866	.13546	2.6318
#2	.00723	122.08	.01127	.17829	.03040	68.165	.13456	2.6063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01854	-.00064	.25461	.00457	20.897	.06776	-.00290	-.00208
Stddev	.00014	.00003	.00108	.00042	.116	.00844	.00023	.00069
%RSD	.73444	4.5493	.42544	9.2681	.55282	12.449	7.8042	33.339
#1	.01845	-.00062	.25384	.00487	20.816	.06180	-.00274	-.00159
#2	.01864	-.00066	.25537	.00427	20.979	.07373	-.00306	-.00258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-92.619	.23551	.00483	.02081	z*****
Stddev	.404	.01286	.00068	.00037	-----
%RSD	.43669	5.4621	14.096	1.7939	-----
#1	-92.905	.24461	.00531	.02108	z 2705.7
#2	-92.333	.22642	.00435	.02055	z 2727.8

Sample Name: ZZZZZZ Acquired: 8/6/2009 22:10:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.48	513.78	5274.7	9071.5	629.84
Stddev	.97	1.89	22.4	57.4	.07
%RSD	.62941	.36851	.42483	.63312	.01069
#1	154.16	512.44	5258.8	9030.9	629.80
#2	152.80	515.12	5290.5	9112.2	629.89

Sample Name: A3814-13 Acquired: 8/6/2009 22:17:16 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00611	-.02812	.07132	.00922	.00907	11.916	^*****	.00011
Stddev	.00049	.00184	.00234	.00091	.00090	.040	-----	.00012
%RSD	8.0692	6.5502	3.2746	9.8286	9.9192	.33364	-----	112.34
#1	-.00646	-.02942	.06967	.00986	.00971	11.944	^ -----	.00002
#2	-.00576	-.02682	.07297	.00858	.00844	11.888	^ -----	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	34.495	.04390	.07471	4.0908	77.343	.65829	2.5941
Stddev	.00005	.159	.00002	.00046	.0086	.043	.00085	.0011
%RSD	1.8305	.46178	.04054	.61052	.20914	.05572	.12987	.04089
#1	.00256	34.608	.04391	.07503	4.0968	77.312	.65889	2.5948
#2	.00249	34.383	.04388	.07439	4.0847	77.373	.65768	2.5933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06591	.00060	2.4674	.01095	33.521	.24715	.00751	.00287
Stddev	.00093	.00033	.0029	.00117	.470	.00900	.00006	.00042
%RSD	1.4057	55.293	.11693	10.687	1.4014	3.6426	.83343	14.458
#1	.06525	.00036	2.4695	.01013	33.853	.25351	.00747	.00317
#2	.06656	.00083	2.4654	.01178	33.189	.24078	.00756	.00258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-12763.	2.0843	.01792	.82175	z*****
Stddev	45.	.0283	.00035	.00094	-----
%RSD	.35591	1.3556	1.9294	.11419	-----
#1	-12795.	2.1043	.01817	.82109	z 2288.2
#2	-12731.	2.0643	.01768	.82241	z 2274.3

Sample Name: A3814-13 Acquired: 8/6/2009 22:17:16 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.88	516.01	5250.7	9025.8	609.99
Stddev	2.42	1.55	38.2	37.9	4.15
%RSD	1.5940	.30029	.72827	.42034	.68054
#1	150.16	514.91	5223.7	8999.0	607.06
#2	153.59	517.11	5277.7	9052.6	612.93

Sample Name: ZZZZZZ Acquired: 8/6/2009 22:23:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00441	.00534	.00079	.00361	1.0720	11.129	-.00010
Stddev	.00066	.00085	.00226	.00019	.00356	.0157	.019	.00012
%RSD	147.47	19.172	42.272	23.895	98.718	1.4658	.16914	127.72
#1	.00002	-.00501	.00374	.00093	.00109	1.0831	11.143	-.00018
#2	-.00092	-.00381	.00693	.00066	.00612	1.0608	11.116	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	3.4806	.00411	.00694	.39014	7.8582	.06628	.26572
Stddev	.00032	.0265	.00007	.00075	.00472	.1064	.00123	.00441
%RSD	150.72	.76214	1.6295	10.835	1.2106	1.3545	1.8545	1.6596
#1	-.00001	3.4994	.00406	.00641	.39348	7.9335	.06715	.26884
#2	.00044	3.4619	.00416	.00747	.38680	7.7830	.06541	.26261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00521	-.00024	.23734	.00097	3.5156	.03399	.00054	-.00259
Stddev	.00075	.00015	.00460	.00040	.0961	.00587	.00050	.00053
%RSD	14.356	61.503	1.9366	41.017	2.7345	17.268	92.873	20.628
#1	.00468	-.00014	.23409	.00126	3.5836	.03814	.00089	-.00221
#2	.00574	-.00035	.24059	.00069	3.4476	.02984	.00018	-.00296

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-1412.9	.20041	.00284	.07852	z*****
Stddev	5.8	.00497	.00194	.00154	-----
%RSD	.41310	2.4777	68.338	1.9615	-----
#1	-1408.8	.19690	.00147	.07961	z 2294.9
#2	-1417.0	.20392	.00421	.07743	z 2310.2

Sample Name: ZZZZZZ Acquired: 8/6/2009 22:23:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.85	534.41	5450.6	9286.5	624.85
Stddev	4.79	.96	29.5	84.3	.37
%RSD	2.9760	.17895	.54127	.90788	.05863
#1	157.46	535.09	5429.8	9226.9	625.11
#2	164.23	533.74	5471.5	9346.1	624.59

Sample Name: A3814-14 Acquired: 8/6/2009 22:30:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10409	-.02275	F652.91	-.11388	1.6922	26.035	5.5493	.00182
Stddev	.00740	.00022	2.21	.00390	.0091	.298	.0237	.00018
%RSD	7.1142	.94730	.33830	3.4223	.53592	1.1443	.42629	10.004
#1	.10932	-.02290	651.35	-.11112	1.6858	25.824	5.5660	.00169
#2	.09885	-.02260	654.48	-.11663	1.6986	26.246	5.5326	.00195

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05335	35.221	F146.71	1.9902	3.5840	806.15	4.7302	16.164
Stddev	.00027	.233	.09	.0038	.0483	10.84	.0397	.193
%RSD	.50793	.66195	.06027	.18966	1.3464	1.3446	.83869	1.1918
#1	.05354	35.056	146.65	1.9876	3.5499	798.49	4.7022	16.028
#2	.05316	35.386	146.77	1.9929	3.6182	813.82	4.7583	16.300

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95470	.01072	3.7801	.13535	F69.048	1.6137	2.4045	.34759
Stddev	.00222	.00003	.0044	.00835	4.875	.0129	.0139	.00633
%RSD	.23255	.31197	.11541	6.1693	7.0599	.79903	.57865	1.8213
#1	.95313	.01075	3.7771	.14125	65.601	1.6228	2.3947	.34312
#2	.95627	.01070	3.7832	.12944	72.495	1.6046	2.4144	.35207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-4201.3	8.0706	.13293	9.8944	z*****
Stddev	16.7	.1048	.00177	.0556	-----
%RSD	.39650	1.2986	1.3322	.56219	-----
#1	-4189.6	7.9964	.13168	9.8550	z 4405.2
#2	-4213.1	8.1447	.13418	9.9337	z 4411.0

Sample Name: A3814-14 Acquired: 8/6/2009 22:30:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.508	209.85	5066.5	8730.1	571.26
Stddev	5.019	.32	8.6	36.2	.01
%RSD	6.8279	.15473	.16997	.41454	.00116
#1	77.057	210.08	5060.4	8755.7	571.26
#2	69.959	209.62	5072.6	8704.5	571.27

Sample Name: A3814-14X10 Acquired: 8/6/2009 22:37:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	-.00250	64.563	.00008	.03099	2.3002	.55037	.00009
Stddev	.00026	.00305	.076	.00010	.00275	.0209	.00017	.00007
%RSD	5.7443	122.05	.11802	124.89	8.8894	.90745	.03013	82.730
#1	.00470	-.00466	64.617	.00001	.03293	2.2854	.55025	.00004
#2	.00434	-.00034	64.509	.00016	.02904	2.3149	.55048	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	3.6627	16.291	.18468	.34153	89.636	.49459	1.6827
Stddev	.00008	.0220	.067	.00040	.00051	.103	.00058	.0046
%RSD	6.1092	.59995	.40939	.21790	.14883	.11507	.11797	.27340
#1	.00130	3.6472	16.338	.18497	.34189	89.709	.49500	1.6859
#2	.00142	3.6783	16.244	.18440	.34117	89.563	.49417	1.6794

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08463	.00100	.37868	.01924	3.9597	.16404	.10604	.03732
Stddev	.00181	.00016	.00259	.00022	.0551	.00521	.00014	.00006
%RSD	2.1359	16.190	.68394	1.1206	1.3924	3.1778	.13169	.16046
#1	.08336	.00088	.38051	.01939	3.9207	.16772	.10613	.03728
#2	.08591	.00111	.37685	.01909	3.9987	.16035	.10594	.03736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-454.72	.81107	.01225	1.0069	z*****
Stddev	1.30	.00708	.00138	.0038	-----
%RSD	.28498	.87306	11.276	.38148	-----
#1	-455.63	.80606	.01323	1.0096	z 2472.8
#2	-453.80	.81608	.01128	1.0041	z 2505.4

Sample Name: A3814-14X10 Acquired: 8/6/2009 22:37:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.62	495.88	5377.7	9227.3	628.46
Stddev	2.04	3.20	34.2	11.4	1.60
%RSD	1.3549	.64586	.63663	.12310	.25532
#1	152.07	493.61	5353.5	9219.3	627.33
#2	149.18	498.14	5401.9	9235.3	629.60

Sample Name: CCV Acquired: 8/6/2009 22:43:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9958	4.7402	4.7352	5.0306	4.9515	9.3506	9.9698	.23642
Stddev	.0057	.0070	.0007	.0151	.0223	.0021	.0384	.00096
%RSD	.11407	.14717	.01570	.29970	.44986	.02250	.38554	.40614
#1	4.9998	4.7353	4.7357	5.0412	4.9672	9.3521	9.9970	.23710
#2	4.9918	4.7452	4.7347	5.0199	4.9357	9.3491	9.9426	.23575

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3915	23.798	.94627	2.3823	1.1854	4.8938	2.4297	23.833
Stddev	.0038	.071	.00092	.0007	.0021	.0029	.0003	.012
%RSD	.15892	.29667	.09744	.03102	.17298	.05911	.01294	.04945
#1	2.3888	23.848	.94562	2.3818	1.1868	4.8958	2.4294	23.825
#2	2.3942	23.749	.94692	2.3828	1.1839	4.8917	2.4299	23.842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3854	1.1830	24.526	2.3784	2.3790	24.831	4.9568	4.7002
Stddev	.0073	.0020	.085	.0047	.0275	.013	.0225	.0030
%RSD	.30627	.16928	.34537	.19916	1.1542	.05109	.45308	.06451
#1	2.3803	1.1816	24.586	2.3817	2.3596	24.840	4.9727	4.6981
#2	2.3906	1.1844	24.466	2.3750	2.3984	24.822	4.9409	4.7024

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F7.0148	F3.7030	4.7982	4.9744	zF*****
Stddev	.2592	.0018	.0120	.0073	-----
%RSD	3.6951	.04900	.25033	.14600	-----
#1	7.1981	3.7043	4.7897	4.9795	z 2344.1
#2	6.8315	3.7017	4.8067	4.9693	z 2341.8

Sample Name: CCV Acquired: 8/6/2009 22:43:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.80	531.48	5333.0	9101.3	643.63
Stddev	1.48	1.94	5.2	17.8	.07
%RSD	.93528	.36434	.09780	.19568	.01061
#1	158.85	530.11	5329.3	9088.7	643.58
#2	156.76	532.85	5336.7	9113.9	643.68

Sample Name: CCB Acquired: 8/6/2009 22:50:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	.00318	-.00026	-.00164	.00319	.00531	.00078	-.00010
Stddev	.00183	.00252	.00395	.00102	.00122	.01022	.00091	.00002
%RSD	206.61	79.209	1525.4	61.962	38.289	192.39	117.17	21.754
#1	-.00041	.00140	.00253	-.00236	.00232	.01254	.00142	-.00008
#2	.00218	.00496	-.00305	-.00092	.00405	-.00191	.00013	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00393	.00037	.00012	.00059	.00177	-.00004	-.00167
Stddev	.00035	.00101	.00019	.00047	.00001	.00263	.00007	.01727
%RSD	2066.0	25.635	51.972	380.07	1.8775	148.47	196.26	1032.9
#1	.00023	.00322	.00051	-.00021	.00058	.00364	-.00009	.01054
#2	-.00026	.00465	.00024	.00045	.00059	-.00009	.00001	-.01388

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00012	-.00307	-.00003	.00038	.00968	.00071	.00111
Stddev	.00199	.00055	.00043	.00056	.00050	.00123	.00043	.00085
%RSD	632.90	443.90	14.070	2078.5	131.97	12.711	60.027	77.186
#1	-.00109	.00052	-.00338	-.00042	.00073	.01055	.00102	.00050
#2	.00172	-.00027	-.00277	.00037	.00003	.00881	.00041	.00171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.1900	-.01366	.00148	.00049	z*****
Stddev	.6204	.00843	.00062	.00057	-----
%RSD	10.023	61.747	42.250	116.73	-----
#1	6.6287	-.01962	.00192	.00009	z 2335.1
#2	5.7513	-.00769	.00104	.00089	z 2344.7

Sample Name: CCB Acquired: 8/6/2009 22:50:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.72	538.96	5378.1	9194.4	625.04
Stddev	4.32	1.63	59.8	75.8	2.19
%RSD	2.6716	.30176	1.1113	.82495	.35108
#1	158.67	537.81	5335.9	9140.8	623.49
#2	164.78	540.11	5420.4	9248.0	626.59

Sample Name: PB43886BSD Acquired: 8/6/2009 22:56:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80808	1.7758	.93272	2.0707	.79900	1.7508	.21206	.19777	.19751
Stddev	.00232	.0054	.00309	.0053	.00072	.0144	.00054	.00045	.00033
%RSD	.28703	.30297	.33088	.25400	.09053	.82087	.25564	.22825	.16915
#1	.80644	1.7720	.93491	2.0670	.79849	1.7407	.21244	.19809	.19775
#2	.80972	1.7796	.93054	2.0744	.79952	1.7610	.21168	.19745	.19727

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98719	.37416	.19417	.27591	3.0490	.20215	1.9498	.48087	.06625
Stddev	.00710	.00222	.00003	.00005	.0160	.00109	.0040	.00185	.00084
%RSD	.71969	.59450	.01512	.01722	.52349	.53753	.20373	.38530	1.2615
#1	.99221	.37259	.19419	.27587	3.0377	.20138	1.9470	.47956	.06566
#2	.98216	.37573	.19415	.27594	3.0603	.20292	1.9526	.48218	.06684

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0136	.28447	.18908	10.216	.38858	.27846	12.594	.68970	.66251
Stddev	.0100	.00044	.00105	.001	.00065	.00103	.404	.02379	.00157
%RSD	.33143	.15445	.55726	.01248	.16680	.36836	3.2074	3.4492	.23664
#1	3.0207	.28478	.18833	10.217	.38812	.27918	12.880	.70652	.66362
#2	3.0066	.28416	.18982	10.215	.38904	.27773	12.308	.67288	.66140

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.19994	z*****
Stddev	.00054	-----
%RSD	.27199	-----
#1	.19956	z 5985.7
#2	.20033	z 5975.2

Sample Name: PB43886BSD Acquired: 8/6/2009 22:56:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.48	540.50	5504.0	9215.2	634.99
Stddev	1.69	.09	11.6	18.9	.52
%RSD	1.0324	.01701	.21091	.20456	.08240
#1	164.67	540.57	5512.2	9201.9	634.62
#2	162.29	540.44	5495.8	9228.5	635.36

Sample Name: A3808-02 Acquired: 8/6/2009 23:03:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.03517	.52344	.00708	.00458	30.654	.53966	.00185
Stddev	.00137	.00109	.00235	.00202	.00079	.137	.00295	.00003
%RSD	315.05	3.0915	.44835	28.585	17.300	.44686	.54682	1.4436
#1	-.00053	-.03594	.52510	.00565	.00402	30.751	.54175	.00183
#2	.00141	-.03440	.52178	.00851	.00514	30.557	.53758	.00187

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	39.915	.09772	.04237	.12223	76.839	4.5133	19.438
Stddev	.00016	.016	.00050	.00022	.00040	.118	.0004	.051
%RSD	12.076	.03980	.51355	.51914	.32766	.15317	.00795	.26219
#1	.00120	39.926	.09737	.04253	.12251	76.922	4.5131	19.402
#2	.00143	39.904	.09808	.04222	.12194	76.756	4.5136	19.474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21250	-.00019	3.0077	.11481	.20477	8.5075	.00373	.01864
Stddev	.00295	.00119	.0127	.00071	.00203	.0321	.00063	.00074
%RSD	1.3864	626.60	.42245	.61606	.99228	.37739	16.890	3.9951
#1	.21042	-.00103	3.0167	.11531	.20333	8.5302	.00329	.01811
#2	.21459	.00065	2.9987	.11431	.20621	8.4847	.00418	.01917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-171.51	3.8888	.02202	1.7342	z*****
Stddev	1.12	.0491	.00030	.0007	-----
%RSD	.65308	1.2638	1.3563	.03929	-----
#1	-170.72	3.9235	.02223	1.7337	z 3066.7
#2	-172.30	3.8540	.02181	1.7347	z 3071.2

Sample Name: A3808-02 Acquired: 8/6/2009 23:03:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.02	560.44	5588.5	9548.4	638.21
Stddev	1.29	2.64	1.3	58.4	.10
%RSD	.78883	.47103	.02313	.61129	.01551
#1	164.93	558.57	5587.6	9507.1	638.28
#2	163.10	562.31	5589.4	9589.7	638.14

Sample Name: A3808-02D Acquired: 8/6/2009 23:10:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.03618	.58107	.00798	.00561	36.215	.61564	.00208
Stddev	.00281	.00108	.00172	.00019	.00269	.206	.00544	.00014
%RSD	124.71	2.9740	.29548	2.3631	47.926	.56809	.88439	6.7753
#1	.00027	-.03694	.57986	.00784	.00752	36.069	.61179	.00198
#2	.00424	-.03542	.58229	.00811	.00371	36.360	.61949	.00218

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	46.309	.11389	.04963	.14710	88.359	5.1864	22.604
Stddev	.00009	.413	.00002	.00104	.00204	.577	.0283	.275
%RSD	4.7876	.89097	.01335	2.0915	1.3880	.65271	.54584	1.2146
#1	.00188	46.017	.11390	.04889	.14566	87.951	5.1664	22.409
#2	.00176	46.601	.11388	.05036	.14854	88.766	5.2064	22.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25000	.00053	3.3379	.13325	.22269	9.6125	.00302	.01806
Stddev	.00021	.00075	.0361	.00018	.00026	.0592	.00071	.00139
%RSD	.08243	140.38	1.0816	.13645	.11662	.61582	23.694	7.7090
#1	.25015	.00000	3.3123	.13312	.22287	9.5706	.00352	.01905
#2	.24985	.00106	3.3634	.13338	.22250	9.6543	.00251	.01708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-186.71	4.3411	.02451	1.9877	z*****
Stddev	.72	.1103	.00158	.0045	-----
%RSD	.38451	2.5397	6.4579	.22613	-----
#1	-187.22	4.2631	.02339	1.9845	z 3174.9
#2	-186.20	4.4190	.02563	1.9909	z 3194.5

Sample Name: A3808-02D Acquired: 8/6/2009 23:10:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.01	566.03	5627.8	9612.0	637.18
Stddev	1.09	3.39	27.2	51.4	.36
%RSD	.65118	.59839	.48390	.53475	.05697
#1	167.24	563.63	5608.6	9648.3	636.92
#2	168.79	568.42	5647.1	9575.6	637.43

Sample Name: A3808-02L Acquired: 8/6/2009 23:16:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00611	.09889	.00275	.00220	5.9221	.11044	.00029
Stddev	.00081	.00066	.00190	.00036	.00327	.0295	.00112	.00007
%RSD	49.176	10.745	1.9225	12.941	148.99	.49827	1.0174	22.615
#1	-.00107	-.00658	.09755	.00300	-.00012	5.9013	.10964	.00024
#2	-.00221	-.00565	.10023	.00250	.00451	5.9430	.11123	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	8.2334	.01974	.00826	.02416	15.970	.93524	3.9938
Stddev	.0001	.0595	.00121	.00069	.00039	.092	.00398	.0171
%RSD	6037.6	.72263	6.1354	8.4059	1.5935	.57783	.42588	.42830
#1	.00006	8.1913	.02060	.00777	.02443	15.905	.93242	4.0059
#2	-.00006	8.2754	.01889	.00875	.02389	16.035	.93806	3.9817

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04047	.00019	.61222	.02288	.04426	1.7249	.00139	.00108
Stddev	.00019	.00019	.00050	.00061	.00128	.0115	.00034	.00018
%RSD	.47197	101.59	.08160	2.6683	2.8915	.66677	24.267	16.398
#1	.04034	.00032	.61187	.02331	.04335	1.7167	.00115	.00095
#2	.04061	.00005	.61258	.02244	.04516	1.7330	.00163	.00120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-33.926	.78601	.00381	.35175	z*****
Stddev	.304	.02933	.00038	.00238	-----
%RSD	.89738	3.7309	9.8726	.67740	-----
#1	-33.710	.76527	.00408	.35007	z 2495.7
#2	-34.141	.80674	.00354	.35344	z 2500.8

Sample Name: A3808-02L Acquired: 8/6/2009 23:16:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.62	541.66	5470.3	9233.1	631.10
Stddev	2.27	1.28	42.6	28.7	2.12
%RSD	1.4128	.23629	.77921	.31088	.33650
#1	162.22	540.75	5440.2	9253.4	629.60
#2	159.01	542.56	5500.4	9212.8	632.60

Sample Name: A3808-02A Acquired: 8/6/2009 23:23:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66713	1.7956	1.4866	1.3947	.68803	37.722	.81174	.17536
Stddev	.00008	.0066	.0095	.0014	.00036	.396	.00114	.00248
%RSD	.01245	.37044	.63598	.09878	.05290	1.0499	.14040	1.4160
#1	.66708	1.8003	1.4933	1.3957	.68829	38.002	.81255	.17712
#2	.66719	1.7908	1.4799	1.3938	.68778	37.442	.81094	.17361

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19195	46.642	.45800	.23660	.43268	89.554	5.2694	24.063
Stddev	.00026	.139	.00399	.00017	.00180	.322	.0171	.095
%RSD	.13509	.29716	.87066	.07148	.41696	.35904	.32527	.39534
#1	.19177	46.740	.46082	.23648	.43396	89.781	5.2815	24.130
#2	.19213	46.544	.45518	.23672	.43141	89.327	5.2573	23.996

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71052	.06323	6.0919	.40696	.40712	18.604	.36510	.27238
Stddev	.00132	.00058	.0110	.00515	.00082	.076	.00117	.00175
%RSD	.18595	.92085	.18057	1.2657	.20045	.40954	.32050	.64075
#1	.70958	.06282	6.0996	.41060	.40770	18.658	.36593	.27362
#2	.71145	.06364	6.0841	.40331	.40655	18.550	.36428	.27115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-176.84	5.0674	.67277	2.1274	z*****
Stddev	.01	.0253	.00388	.0006	-----
%RSD	.00761	.49830	.57726	.03002	-----
#1	-176.83	5.0495	.67552	2.1269	z 6521.9
#2	-176.85	5.0852	.67003	2.1278	z 6577.1

Sample Name: A3808-02A Acquired: 8/6/2009 23:23:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.47	567.71	5662.9	9318.0	644.58
Stddev	1.17	1.66	37.0	98.0	2.32
%RSD	.70405	.29229	.65411	1.0520	.36055
#1	165.64	566.53	5636.7	9248.7	642.94
#2	167.30	568.88	5689.1	9387.3	646.23

Sample Name: A3808-02S Acquired: 8/6/2009 23:30:03 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68946	1.8761	1.5312	1.4267	.70988	38.564	.81983	.17835
Stddev	.00337	.0029	.0078	.0005	.00324	.085	.00110	.00027
%RSD	.48889	.15266	.51132	.03672	.45690	.21960	.13401	.15193
#1	.69184	1.8741	1.5257	1.4264	.70759	38.624	.82061	.17855
#2	.68708	1.8782	1.5367	1.4271	.71218	38.504	.81905	.17816

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19956	47.416	.47009	.24447	.41869	90.949	5.3413	24.466
Stddev	.00056	.072	.00153	.00023	.00266	.031	.0002	.027
%RSD	.27861	.15167	.32642	.09442	.63449	.03387	.00409	.10938
#1	.19916	47.467	.47118	.24463	.42056	90.971	5.3412	24.447
#2	.19995	47.365	.46901	.24431	.41681	90.928	5.3415	24.485

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73232	.06497	6.1610	.41480	.40168	18.974	.38072	.27894
Stddev	.00067	.00092	.0090	.00079	.00345	.027	.00182	.00182
%RSD	.09142	1.4162	.14579	.18995	.85795	.14453	.47880	.65374
#1	.73185	.06562	6.1674	.41535	.39925	18.954	.38201	.27765
#2	.73280	.06432	6.1547	.41424	.40412	18.993	.37943	.28023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-181.41	5.0748	.71027	2.1625	z*****
Stddev	1.19	.0293	.00045	.0001	-----
%RSD	.65571	.57649	.06352	.00434	-----
#1	-180.57	5.0541	.71059	2.1624	z 6705.3
#2	-182.25	5.0955	.70995	2.1625	z 6716.7

Sample Name: A3808-02S Acquired: 8/6/2009 23:30:03 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.64	571.60	5688.7	9431.0	641.85
Stddev	.66	2.00	19.6	44.4	.89
%RSD	.39263	.35009	.34533	.47034	.13918
#1	168.10	570.18	5674.8	9399.6	641.22
#2	167.17	573.01	5702.6	9462.4	642.48

Sample Name: A3808-02SD Acquired: 8/6/2009 23:36:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70723	1.9150	1.5470	1.4583	.71588	38.565	.82080	.18043
Stddev	.00191	.0002	.0042	.0084	.00303	.255	.00547	.00032
%RSD	.26990	.01223	.27400	.57394	.42260	.66070	.66648	.17574
#1	.70858	1.9148	1.5440	1.4642	.71802	38.745	.82467	.18065
#2	.70588	1.9152	1.5500	1.4524	.71374	38.385	.81693	.18020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20376	47.262	.48073	.24753	.41598	91.618	5.3929	24.619
Stddev	.00024	.201	.00778	.00194	.00371	.031	.0109	.081
%RSD	.11566	.42539	1.6185	.78315	.89264	.03420	.20200	.33044
#1	.20359	47.404	.47522	.24616	.41861	91.596	5.3852	24.676
#2	.20392	47.120	.48623	.24890	.41336	91.640	5.4006	24.561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73954	.06700	6.1669	.41717	.39765	19.308	.38327	.28545
Stddev	.00439	.00003	.0495	.00488	.00233	.029	.00320	.00138
%RSD	.59299	.04118	.80343	1.1703	.58642	.14927	.83467	.48483
#1	.73644	.06698	6.2019	.42062	.39600	19.287	.38553	.28447
#2	.74264	.06702	6.1318	.41371	.39930	19.328	.38101	.28642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-181.49	5.0500	.70875	2.1802	z*****
Stddev	1.83	.0469	.00266	.0022	-----
%RSD	1.0080	.92816	.37525	.09928	-----
#1	-182.78	5.0831	.70687	2.1787	z 6709.2
#2	-180.20	5.0169	.71063	2.1817	z 6720.3

Sample Name: A3808-02SD Acquired: 8/6/2009 23:36:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.47	569.55	5617.0	9392.5	641.45
Stddev	.81	4.58	4.6	42.3	1.29
%RSD	.48085	.80492	.08227	.45021	.20136
#1	169.04	566.31	5620.3	9362.6	640.53
#2	167.90	572.79	5613.8	9422.4	642.36

Sample Name: A3808-21 Acquired: 8/6/2009 23:43:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00395	-.03460	.01844	.00755	.00405	11.073	.05960	.00026
Stddev	.00154	.00095	.00222	.00008	.00218	.019	.00091	.00005
%RSD	39.079	2.7598	12.059	1.1104	53.815	.17271	1.5252	18.843
#1	-.00286	-.03528	.02001	.00749	.00251	11.060	.05896	.00030
#2	-.00504	-.03393	.01686	.00761	.00559	11.087	.06024	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	4.1207	.04035	.00993	.01426	27.916	.18903	8.4486
Stddev	.00010	.0331	.00103	.00006	.00002	.088	.00038	.0872
%RSD	30.367	.80230	2.5502	.62673	.14873	.31346	.20022	1.0321
#1	-.00039	4.0974	.04108	.00998	.01424	27.854	.18876	8.3869
#2	-.00025	4.1441	.03962	.00989	.01427	27.978	.18930	8.5102

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04367	-.00056	3.6466	.03297	.05295	3.5229	.01325	.00849
Stddev	.00142	.00028	.0239	.00027	.00108	.0025	.00033	.00122
%RSD	3.2521	50.569	.65481	.83299	2.0449	.07008	2.5118	14.383
#1	.04266	-.00036	3.6298	.03316	.05219	3.5247	.01349	.00936
#2	.04467	-.00076	3.6635	.03277	.05372	3.5212	.01302	.00763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-690.70	3.0216	.00605	.65734	z*****
Stddev	.48	.0824	.00266	.00392	-----
%RSD	.06907	2.7285	43.906	.59601	-----
#1	-691.04	2.9633	.00793	.65457	z 2823.7
#2	-690.36	3.0799	.00417	.66011	z 2836.1

Sample Name: A3808-21 Acquired: 8/6/2009 23:43:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.99	546.66	5433.8	9230.6	640.04
Stddev	1.44	.38	18.5	23.4	1.26
%RSD	.87733	.06942	.33979	.25403	.19702
#1	165.01	546.39	5420.8	9247.2	639.15
#2	162.98	546.92	5446.9	9214.0	640.93

Sample Name: A3808-21D Acquired: 8/6/2009 23:49:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	-.03621	.02205	.00640	.00294	11.839	.06225	.00021
Stddev	.00090	.00020	.00216	.00092	.00027	.027	.00032	.00006
%RSD	36.872	.53963	9.7952	14.320	9.0234	.22501	.51455	28.408
#1	-.00180	-.03635	.02357	.00705	.00275	11.820	.06248	.00026
#2	-.00307	-.03607	.02052	.00576	.00312	11.857	.06203	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	4.3364	.04296	.01092	.01383	29.505	.19998	8.9938
Stddev	.00006	.0121	.00099	.00005	.00094	.115	.00140	.0881
%RSD	16.424	.27906	2.2955	.49391	6.8211	.39128	.69875	.97979
#1	-.00042	4.3278	.04227	.01088	.01316	29.423	.19899	8.9315
#2	-.00033	4.3449	.04366	.01095	.01450	29.586	.20097	9.0561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04667	-.00074	3.8069	.03519	.05599	3.6752	.01289	.00803
Stddev	.00004	.00034	.0049	.00029	.00059	.0050	.00035	.00049
%RSD	.08960	45.704	.12962	.81154	1.0584	.13703	2.7354	6.0967
#1	.04664	-.00098	3.8104	.03539	.05641	3.6787	.01314	.00837
#2	.04670	-.00050	3.8034	.03499	.05557	3.6716	.01264	.00768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-702.39	3.1958	.00670	.69359	z*****
Stddev	3.76	.0204	.00055	.00038	-----
%RSD	.53524	.63866	8.2572	.05470	-----
#1	-699.73	3.1814	.00631	.69386	z 2846.3
#2	-705.04	3.2103	.00709	.69333	z 2862.5

Sample Name: A3808-21D Acquired: 8/6/2009 23:49:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.49	549.08	5448.1	9215.1	640.14
Stddev	3.45	.05	3.8	13.8	.04
%RSD	2.1637	.00901	.06996	.15001	.00626
#1	157.05	549.11	5445.4	9224.9	640.17
#2	161.93	549.04	5450.8	9205.4	640.11

Sample Name: A3808-21L Acquired: 8/6/2009 23:56:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	-.00825	.00262	.00090	.00118	1.9564	.01125	-.00004
Stddev	.00001	.00074	.00245	.00076	.00209	.0044	.00016	.00006
%RSD	.27630	8.9790	93.499	84.607	177.07	.22647	1.4455	127.32
#1	-.00428	-.00877	.00435	.00036	.00266	1.9595	.01114	.00000
#2	-.00430	-.00772	.00089	.00144	-.00030	1.9532	.01137	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	1.0375	.00772	.00217	.00357	5.1627	.03635	1.5516
Stddev	.00031	.0088	.00018	.00054	.00029	.0257	.00001	.0265
%RSD	143.96	.84596	2.3815	24.905	8.0916	.49734	.03740	1.7103
#1	.00000	1.0437	.00759	.00179	.00337	5.1809	.03634	1.5328
#2	-.00044	1.0313	.00785	.00255	.00378	5.1446	.03636	1.5704

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00775	-.00069	.70074	.00558	.01875	.67218	.00212	-.00156
Stddev	.00023	.00029	.01357	.00020	.00000	.01030	.00004	.00048
%RSD	2.9283	42.282	1.9366	3.5898	.00850	1.5319	1.7217	30.843
#1	.00791	-.00090	.71033	.00572	.01875	.66489	.00209	-.00190
#2	.00759	-.00049	.69114	.00544	.01875	.67946	.00214	-.00122

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-148.46	.52237	.00186	.11923	z*****
Stddev	.66	.02368	.00012	.00067	-----
%RSD	.44695	4.5326	6.1912	.56384	-----
#1	-147.99	.53912	.00178	.11971	z 2433.0
#2	-148.93	.50563	.00194	.11876	z 2455.2

Sample Name: A3808-21L Acquired: 8/6/2009 23:56:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.62	545.74	5463.7	9354.6	636.61
Stddev	.64	.57	7.0	58.9	.66
%RSD	.38727	.10495	.12828	.62926	.10441
#1	165.07	546.14	5458.8	9312.9	636.14
#2	164.17	545.33	5468.7	9396.2	637.08

Sample Name: CCV Acquired: 8/7/2009 00:02:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9951	4.7394	4.7407	5.0431	4.9410	9.2520	9.8869	.23814
Stddev	.0214	.0109	.0029	.0420	.0159	.0332	.0608	.00029
%RSD	.42784	.23085	.06106	.83328	.32112	.35859	.61458	.12365
#1	4.9800	4.7316	4.7387	5.0133	4.9298	9.2755	9.8440	.23834
#2	5.0102	4.7471	4.7428	5.0728	4.9523	9.2286	9.9299	.23793

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3992	23.789	.94018	2.3865	1.1812	4.8597	2.4285	23.844
Stddev	.0065	.011	.00180	.0060	.0014	.0022	.0020	.031
%RSD	.27130	.04621	.19109	.24948	.11957	.04418	.08079	.12956
#1	2.3946	23.797	.93891	2.3823	1.1822	4.8582	2.4299	23.822
#2	2.4038	23.781	.94145	2.3908	1.1802	4.8612	2.4271	23.866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3887	1.1693	24.236	2.3721	2.3893	24.595	4.9361	4.7193
Stddev	.0003	.0009	.053	.0074	.0180	.070	.0369	.0151
%RSD	.01134	.07403	.21782	.31020	.75242	.28417	.74703	.31917
#1	2.3889	1.1687	24.274	2.3669	2.3766	24.644	4.9100	4.7086
#2	2.3885	1.1699	24.199	2.3773	2.4020	24.546	4.9622	4.7299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.3350	F3.6445	4.8127	4.9342	zF*****
Stddev	.0312	.0240	.0034	.0134	-----
%RSD	.49263	.65752	.07061	.27096	-----
#1	6.3570	3.6276	4.8103	4.9437	z 2366.8
#2	6.3129	3.6614	4.8151	4.9247	z 2384.0

Sample Name: CCV Acquired: 8/7/2009 00:02:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.95	539.97	5409.1	9215.2	650.34
Stddev	.11	2.01	.3	12.8	.59
%RSD	.06567	.37250	.00586	.13877	.09130
#1	160.87	541.40	5408.9	9206.2	649.92
#2	161.02	538.55	5409.3	9224.2	650.76

Sample Name: CCB Acquired: 8/7/2009 00:09:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00093	.00178	-.00094	.00403	.00697	.00003	-.00012
Stddev	.00075	.00131	.00116	.00001	.00282	.00153	.00029	.00013
%RSD	42.473	141.07	65.206	1.5098	69.909	21.946	927.37	114.61
#1	-.00123	.00186	.00260	-.00095	.00602	.00805	-.00018	-.00021
#2	-.00228	.00000	.00096	-.00093	.00204	.00589	.00024	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00445	-.00003	.00024	-.00031	-.00176	-.00003	-.00184
Stddev	.00009	.00371	.00017	.00003	.00073	.00176	.00036	.00070
%RSD	141.57	83.407	571.74	12.497	237.23	100.50	1146.2	38.098
#1	.00000	.00707	-.00015	.00022	.00021	-.00051	.00023	-.00134
#2	-.00013	.00183	.00009	.00027	-.00082	-.00300	-.00029	-.00233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00051	-.00470	.00026	.00033	.01693	.00012	.00031
Stddev	.00033	.00008	.00021	.00058	.00027	.00440	.00015	.00036
%RSD	106.53	15.427	4.3788	225.74	82.253	25.997	126.34	118.33
#1	-.00008	-.00057	-.00484	.00066	.00014	.02004	.00023	.00005
#2	-.00054	-.00045	-.00455	-.00015	.00052	.01382	.00001	.00056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.1505	-.00412	-.00039	.00036	z*****
Stddev	.0909	.00622	.00169	.00038	-----
%RSD	1.7639	150.92	435.94	105.67	-----
#1	5.2147	.00028	-.00158	.00063	z 2357.9
#2	5.0862	-.00853	.00081	.00009	z 2380.6

Sample Name: CCB Acquired: 8/7/2009 00:09:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.25	553.09	5414.4	9137.3	637.86
Stddev	.04	1.62	13.8	42.2	.43
%RSD	.02489	.29277	.25438	.46223	.06762
#1	163.22	554.23	5424.1	9107.4	638.16
#2	163.28	551.94	5404.6	9167.2	637.55

Sample Name: A3808-21A Acquired: 8/7/2009 00:16:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71409	1.7878	.94958	1.4963	.73622	13.077	.26530	.18158
Stddev	.00171	.0026	.00092	.0067	.00004	.150	.00341	.00129
%RSD	.23987	.14738	.09691	.44511	.00530	1.1477	1.2866	.71303
#1	.71288	1.7897	.94893	1.5010	.73624	13.183	.26772	.18249
#2	.71530	1.7859	.95023	1.4916	.73619	12.971	.26289	.18066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19625	5.5060	.42148	.20260	.29423	30.524	.38640	10.192
Stddev	.00036	.0427	.00643	.00099	.00276	.205	.00340	.073
%RSD	.18104	.77526	1.5267	.48801	.93682	.67202	.87933	.71774
#1	.19650	5.5362	.42603	.20330	.29618	30.669	.38880	10.243
#2	.19600	5.4758	.41693	.20190	.29228	30.379	.38399	10.140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52450	.06588	6.5142	.31908	.26053	13.252	.40221	.27546
Stddev	.00190	.00031	.0594	.00335	.00232	.107	.00074	.00259
%RSD	.36247	.47619	.91137	1.0489	.89128	.80576	.18343	.94192
#1	.52315	.06610	6.5562	.32145	.26217	13.327	.40273	.27730
#2	.52584	.06566	6.4722	.31671	.25889	13.176	.40169	.27363

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-680.12	3.5957	.67374	.85136	z*****
Stddev	1.12	.0113	.00234	.00632	-----
%RSD	.16499	.31549	.34771	.74262	-----
#1	-680.91	3.6037	.67539	.85583	z 6255.7
#2	-679.32	3.5877	.67208	.84689	z 6251.7

Sample Name: A3808-21A Acquired: 8/7/2009 00:16:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.23	546.02	5432.4	9149.9	645.16
Stddev	1.84	1.14	60.2	83.4	1.82
%RSD	1.1273	.20893	1.1086	.91097	.28277
#1	161.93	545.21	5389.8	9091.0	643.87
#2	164.53	546.82	5474.9	9208.8	646.45

Sample Name: A3808-21S Acquired: 8/7/2009 00:22:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74405	1.8746	.98189	1.5533	.75780	13.879	.27767	.19061
Stddev	.00086	.0078	.00450	.0018	.00259	.149	.00148	.00158
%RSD	.11550	.41384	.45813	.11551	.34158	1.0721	.53477	.82642
#1	.74344	1.8691	.97871	1.5520	.75963	13.984	.27872	.19173
#2	.74466	1.8801	.98507	1.5545	.75597	13.774	.27662	.18950

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20557	5.2866	.43653	.21032	.30797	32.184	.40538	10.824
Stddev	.00126	.0076	.00692	.00211	.00209	.156	.00211	.049
%RSD	.61095	.14280	1.5846	1.0044	.67812	.48588	.52155	.45311
#1	.20469	5.2920	.44142	.20882	.30945	32.295	.40687	10.859
#2	.20646	5.2813	.43164	.21181	.30649	32.074	.40388	10.789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54500	.06854	6.7596	.33427	.25224	13.886	.41555	.28875
Stddev	.00317	.00066	.0240	.00480	.00685	.018	.00098	.00377
%RSD	.58163	.96768	.35446	1.4347	2.7138	.13266	.23591	1.3043
#1	.54276	.06901	6.7766	.33767	.25708	13.899	.41624	.29141
#2	.54724	.06807	6.7427	.33088	.24740	13.873	.41486	.28608

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-684.65	3.7799	.69864	.89469	z*****
Stddev	5.11	.0536	.00379	.00485	-----
%RSD	.74602	1.4189	.54315	.54201	-----
#1	-681.03	3.8179	.69595	.89812	z 6360.4
#2	-688.26	3.7420	.70132	.89127	z 6418.2

Sample Name: A3808-21S Acquired: 8/7/2009 00:22:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.29	546.31	5400.0	9071.0	644.63
Stddev	4.67	.01	62.4	96.5	2.46
%RSD	2.8952	.00173	1.1560	1.0640	.38210
#1	157.99	546.32	5355.9	9002.7	646.37
#2	164.59	546.31	5444.2	9139.2	642.88

Sample Name: A3808-21SD Acquired: 8/7/2009 00:29:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71152	1.7847	.93740	1.4810	.72954	13.802	.26843	.17975
Stddev	.00247	.0014	.00086	.0057	.00299	.120	.00157	.00159
%RSD	.34664	.07931	.09131	.38564	.41045	.87106	.58595	.88565
#1	.70977	1.7837	.93801	1.4770	.72743	13.887	.26954	.18087
#2	.71326	1.7857	.93680	1.4851	.73166	13.716	.26731	.17862

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19373	5.2235	.41818	.20120	.29273	32.243	.39618	10.732
Stddev	.00150	.0177	.00565	.00029	.00213	.214	.00092	.012
%RSD	.77643	.33811	1.3507	.14240	.72651	.66507	.23215	.11424
#1	.19266	5.2360	.42217	.20100	.29423	32.395	.39683	10.740
#2	.19479	5.2110	.41418	.20141	.29122	32.092	.39553	10.723

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52022	.06514	6.6388	.31856	.23916	13.522	.39803	.27704
Stddev	.00065	.00040	.0266	.00308	.00323	.047	.00049	.00061
%RSD	.12530	.61480	.40116	.96763	1.3513	.34712	.12196	.21869
#1	.51976	.06543	6.6576	.32074	.23687	13.556	.39768	.27662
#2	.52069	.06486	6.6200	.31638	.24144	13.489	.39837	.27747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-687.37	3.7541	.66721	.89500	z*****
Stddev	2.40	.0392	.00045	.00351	-----
%RSD	.34861	1.0453	.06813	.39211	-----
#1	-685.67	3.7819	.66754	.89748	z 6171.6
#2	-689.06	3.7264	.66689	.89252	z 6181.9

Sample Name: A3808-21SD Acquired: 8/7/2009 00:29:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.04	540.95	5343.7	9005.3	639.66
Stddev	2.28	.53	43.2	72.8	1.60
%RSD	1.4166	.09847	.80756	.80827	.25057
#1	162.65	541.32	5313.2	8953.8	640.80
#2	159.43	540.57	5374.2	9056.7	638.53

Sample Name: A3813-01 Acquired: 8/7/2009 00:35:54 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02479	-.03734	.21708	.00782	.00763	55.655	.71418	.00362
Stddev	.00104	.00091	.00149	.00183	.00138	.211	.00010	.00002
%RSD	4.2141	2.4447	.68650	23.386	18.078	.37872	.01346	.56616
#1	.02553	-.03799	.21603	.00653	.00666	55.804	.71411	.00364
#2	.02405	-.03670	.21814	.00911	.00861	55.506	.71425	.00361

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00594	16.737	.07761	.08305	1.8674	133.45	4.9182	18.561
Stddev	.00012	.057	.00138	.00120	.0034	.24	.0070	.013
%RSD	2.0478	.33998	1.7730	1.4506	.18295	.18162	.14275	.07012
#1	.00585	16.697	.07858	.08220	1.8650	133.28	4.9133	18.552
#2	.00602	16.777	.07663	.08390	1.8698	133.62	4.9232	18.570

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13984	.00055	1.5187	.11212	.65019	4.2455	.00335	.00723
Stddev	.00116	.00024	.0008	.00067	.00364	.0212	.00012	.00028
%RSD	.82650	43.116	.05230	.59608	.55942	.49968	3.4910	3.8365
#1	.14066	.00072	1.5181	.11259	.65276	4.2605	.00327	.00743
#2	.13902	.00038	1.5192	.11165	.64761	4.2305	.00343	.00703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-428.07	3.9084	.01448	.56028	z*****
Stddev	.72	.0300	.00101	.00017	-----
%RSD	.16926	.76784	6.9644	.02974	-----
#1	-428.58	3.8872	.01377	.56040	z 4120.7
#2	-427.56	3.9296	.01519	.56016	z 4119.7

Sample Name: A3813-01 Acquired: 8/7/2009 00:35:54 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	181.58	612.14	6090.0	10477.	632.69
Stddev	1.84	1.64	3.1	15.	1.88
%RSD	1.0119	.26722	.05024	.14359	.29692
#1	180.28	610.98	6092.2	10466.	631.36
#2	182.88	613.30	6087.9	10487.	634.01

Sample Name: A3813-02 Acquired: 8/7/2009 00:42:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68490	-.02928	.12741	.04282	.01070	54.098	.61154	.00213
Stddev	.00059	.00079	.00052	.00331	.00021	.000	.00352	.00024
%RSD	.08564	2.6855	.40474	7.7311	1.9818	.00058	.57485	11.299
#1	.68532	-.02873	.12778	.04516	.01055	54.098	.61403	.00196
#2	.68449	-.02984	.12705	.04048	.01085	54.098	.60905	.00230

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01016	8.6909	.10453	.03074	.15802	376.65	1.1174	16.769
Stddev	.00036	.0298	.00063	.00021	.00157	.82	.0035	.060
%RSD	3.5499	.34292	.60277	.67359	.99287	.21688	.31315	.35931
#1	.01041	8.6699	.10498	.03088	.15912	376.07	1.1149	16.727
#2	.00990	8.7120	.10408	.03059	.15691	377.22	1.1198	16.812

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09598	.00054	3.2268	.21446	.31783	4.2374	.00565	.00636
Stddev	.00010	.00022	.0123	.00002	.00223	.0211	.00022	.00174
%RSD	.10561	40.611	.37996	.01125	.70139	.49788	3.8891	27.293
#1	.09590	.00039	3.2355	.21448	.31941	4.2523	.00580	.00759
#2	.09605	.00070	3.2181	.21445	.31625	4.2225	.00549	.00513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-6840.4	3.6968	.01333	.90745	z*****
Stddev	6.7	.0046	.00377	.00051	-----
%RSD	.09738	.12577	28.249	.05645	-----
#1	-6845.1	3.7001	.01600	.90781	z 3387.7
#2	-6835.7	3.6935	.01067	.90709	z 3393.2

Sample Name: A3813-02 Acquired: 8/7/2009 00:42:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.88	536.21	5306.1	8987.2	623.24
Stddev	1.33	1.29	13.9	23.9	3.09
%RSD	.83476	.24122	.26251	.26543	.49520
#1	157.94	535.30	5316.0	8970.3	621.06
#2	159.81	537.12	5296.3	9004.1	625.42

Sample Name: CCV Acquired: 8/7/2009 00:49:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0112	4.7538	4.7317	5.1176	4.9568	9.5335	10.151	.24209
Stddev	.0054	.0047	.0077	.0104	.0037	.0199	.148	.00009
%RSD	.10792	.09816	.16327	.20250	.07465	.20917	1.4547	.03878
#1	5.0150	4.7505	4.7371	5.1102	4.9542	9.5194	10.046	.24215
#2	5.0073	4.7571	4.7262	5.1249	4.9594	9.5476	10.255	.24202

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3980	24.146	.93896	2.3906	1.2023	4.9496	2.4353	24.143
Stddev	.0023	.063	.01127	.0033	.0019	.0065	.0086	.060
%RSD	.09643	.26115	1.2006	.13882	.15673	.13076	.35398	.24783
#1	2.3964	24.191	.93099	2.3883	1.2010	4.9450	2.4292	24.186
#2	2.3996	24.101	.94693	2.3930	1.2037	4.9542	2.4414	24.101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3801	1.1752	24.754	2.4275	2.4446	24.868	4.9746	4.8125
Stddev	.0001	.0106	.086	.0013	.0197	.091	.0032	.0081
%RSD	.00576	.90149	.34609	.05135	.80499	.36487	.06464	.16748
#1	2.3800	1.1677	24.814	2.4267	2.4585	24.804	4.9723	4.8068
#2	2.3802	1.1827	24.693	2.4284	2.4306	24.932	4.9768	4.8182

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F5.7597	F3.8900	4.7966	4.9614	zF*****
Stddev	.0649	.0474	.0069	.0231	-----
%RSD	1.1270	1.2182	.14437	.46456	-----
#1	5.7138	3.9235	4.8015	4.9451	z 2351.4
#2	5.8056	3.8565	4.7917	4.9777	z 2349.7

Sample Name: CCV Acquired: 8/7/2009 00:49:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.67	534.31	5340.4	8985.0	646.35
Stddev	1.25	.24	37.6	7.3	.29
%RSD	.79840	.04538	.70444	.08090	.04445
#1	155.79	534.48	5367.0	8979.8	646.14
#2	157.56	534.14	5313.8	8990.1	646.55

Sample Name: CCB Acquired: 8/7/2009 00:55:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00157	.00016	.00015	.00240	.04243	-.00063	-.00002
Stddev	.00203	.00056	.00152	.00045	.00014	.00297	.00028	.00002
%RSD	535.70	35.742	951.38	305.89	5.8568	6.9958	44.373	68.090
#1	-.00181	-.00117	.00123	-.00017	.00230	.04453	-.00082	-.00001
#2	.00105	-.00196	-.00091	.00047	.00250	.04033	-.00043	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00282	-.00005	.00034	-.00056	.00149	.00007	-.00352
Stddev	.00003	.00257	.00008	.00056	.00014	.00219	.00010	.01592
%RSD	27.635	91.411	150.35	162.50	24.284	146.62	141.72	452.18
#1	.00010	.00464	.00000	.00073	-.00065	.00304	.00000	-.01478
#2	.00014	.00100	-.00010	-.00005	-.00046	-.00005	.00014	.00774

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00066	-.00151	-.00015	.00037	.01635	.00017	.00202
Stddev	.00008	.00030	.00264	.00039	.00012	.00024	.00015	.00119
%RSD	111.68	46.081	175.28	261.86	32.210	1.4568	91.077	58.967
#1	-.00001	-.00087	.00036	.00013	.00045	.01618	.00027	.00286
#2	-.00012	-.00044	-.00338	-.00042	.00028	.01652	.00006	.00118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.6970	-.00252	.00112	.00030	z*****
Stddev	.1053	.01687	.00131	.00033	-----
%RSD	2.2408	669.18	116.50	109.62	-----
#1	4.7714	-.01445	.00020	.00007	z 2319.1
#2	4.6225	.00941	.00205	.00053	z 2333.8

Sample Name: CCB Acquired: 8/7/2009 00:55:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.33	539.73	5390.7	9105.9	626.27
Stddev	2.07	1.11	10.8	27.3	2.66
%RSD	1.3098	.20656	.20088	.29994	.42454
#1	159.80	540.52	5383.0	9125.2	628.15
#2	156.87	538.94	5398.3	9086.6	624.39

Sample Name: PB43912BL Acquired: 8/7/2009 01:02:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.00076	-.00013	.00014	.00182	.02372	.00150	-.00001
Stddev	.00010	.00064	.00030	.00005	.00046	.00650	.00040	.00004
%RSD	14.423	83.873	226.77	35.052	25.392	27.402	26.554	359.23
#1	-.00065	.00031	.00008	.00011	.00215	.02831	.00121	.00002
#2	-.00080	.00121	-.00034	.00018	.00149	.01912	.00178	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01374	.00104	-.00054	-.00041	-.00015	.00005	-.00051
Stddev	.00006	.00121	.00013	.00088	.00051	.00454	.00002	.00511
%RSD	77.969	8.8136	12.922	162.01	124.15	2984.9	49.015	999.95
#1	-.00013	.01459	.00114	-.00117	-.00005	-.00336	.00007	.00310
#2	-.00004	.01288	.00095	.00008	-.00077	.00306	.00003	-.00412

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00001	-.00257	-.00015	.00225	.01075	.00033	-.00196
Stddev	.00059	.00048	.00102	.00093	.00038	.01369	.00020	.00153
%RSD	251.68	3607.7	39.556	631.36	16.782	127.36	61.185	78.180
#1	-.00018	-.00035	-.00329	-.00081	.00251	.02043	.00048	-.00088
#2	.00065	.00032	-.00185	.00051	.00198	.00107	.00019	-.00304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.2055	-.00458	.00009	.00002	z*****
Stddev	.0710	.00432	.00052	.00007	-----
%RSD	1.3637	94.356	601.45	308.35	-----
#1	5.2557	-.00764	.00046	.00007	z 2297.0
#2	5.1553	-.00152	-.00028	-.00003	z 2298.5

Sample Name: PB43912BL Acquired: 8/7/2009 01:02:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.50	535.68	5242.7	8895.3	623.25
Stddev	2.86	.27	13.1	44.2	.28
%RSD	1.8261	.05104	.24915	.49662	.04463
#1	154.48	535.88	5233.5	8864.0	623.45
#2	158.52	535.49	5251.9	8926.5	623.05

Sample Name: PB43912BS Acquired: 8/7/2009 01:08:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80168	1.8214	.93462	2.0152	.79494	1.8777	.21959	.20228
Stddev	.00344	.0008	.00493	.0054	.00052	.0347	.00161	.00123
%RSD	.42931	.04237	.52741	.26744	.06601	1.8456	.73465	.60563
#1	.80412	1.8208	.93114	2.0114	.79531	1.8532	.21845	.20141
#2	.79925	1.8219	.93811	2.0191	.79457	1.9022	.22073	.20315

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19904	1.0485	.39154	.19446	.29200	3.0986	.20618	1.9757
Stddev	.00002	.0097	.00597	.00055	.00104	.0347	.00036	.0306
%RSD	.01096	.92745	1.5251	.28081	.35701	1.1213	.17316	1.5497
#1	.19902	1.0417	.38732	.19408	.29127	3.0740	.20593	1.9540
#2	.19905	1.0554	.39576	.19485	.29274	3.1232	.20643	1.9973

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48282	.06814	3.0637	.30144	.20654	10.487	.39648	.29822
Stddev	.00097	.00064	.0275	.00254	.00004	.058	.00131	.00095
%RSD	.20119	.93569	.89726	.84294	.01942	.55667	.32934	.32019
#1	.48213	.06769	3.0442	.29964	.20651	10.446	.39740	.29754
#2	.48350	.06859	3.0831	.30324	.20657	10.529	.39556	.29889

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F7.1036	F.69595	.67368	.20480	zF*****
Stddev	.5559	.01804	.00039	.00135	-----
%RSD	7.8253	2.5919	.05743	.65993	-----
#1	6.7105	.68319	.67341	.20384	z 5790.0
#2	7.4966	.70870	.67395	.20575	z 5819.1

Sample Name: PB43912BS Acquired: 8/7/2009 01:08:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.60	539.48	5218.5	8734.7	636.64
Stddev	.98	1.71	12.2	28.6	1.12
%RSD	.63088	.31632	.23377	.32748	.17660
#1	153.91	538.27	5227.1	8755.0	635.85
#2	155.28	540.69	5209.9	8714.5	637.44

Sample Name: A3806-02 Acquired: 8/7/2009 01:15:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01023	-.02378	-.00236	.00724	.00227	.05271	.01649	-.00025
Stddev	.00007	.00075	.00033	.00116	.00098	.00071	.00019	.00020
%RSD	.63531	3.1501	13.956	16.001	43.087	1.3531	1.1659	78.830
#1	-.01028	-.02325	-.00259	.00642	.00296	.05321	.01636	-.00039
#2	-.01019	-.02431	-.00212	.00805	.00158	.05220	.01663	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.87390	-.00009	-.00048	.00140	.01312	.00180	.06326
Stddev	.00003	.00161	.00018	.00040	.00077	.00108	.00015	.01351
%RSD	5.7750	.18421	185.98	82.787	55.090	8.2552	8.3177	21.351
#1	-.00061	.87276	-.00022	-.00076	.00195	.01388	.00190	.05371
#2	-.00056	.87504	.00003	-.00020	.00086	.01235	.00169	.07281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00363	-.00067	146.98	.00026	.00840	.08750	.00121	.00209
Stddev	.00080	.00021	.64	.00034	.00062	.00997	.00041	.00036
%RSD	22.084	30.948	.43208	128.17	7.3813	11.399	33.608	17.020
#1	-.00419	-.00052	147.43	.00050	.00883	.09455	.00093	.00184
#2	-.00306	-.00082	146.53	.00002	.00796	.08044	.00150	.00234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-51.242	.02374	.00170	-.00027	z*****
Stddev	1.068	.00286	.00063	.00079	-----
%RSD	2.0836	12.039	36.709	290.19	-----
#1	-50.487	.02576	.00126	-.00083	z 2298.4
#2	-51.997	.02172	.00215	.00029	z 2330.0

Sample Name: A3806-02 Acquired: 8/7/2009 01:15:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.20	551.91	5107.8	8596.4	676.97
Stddev	2.65	1.90	2.7	14.8	.47
%RSD	1.7537	.34336	.05330	.17274	.06963
#1	149.33	550.57	5105.9	8585.9	676.64
#2	153.08	553.25	5109.8	8606.9	677.31

Sample Name: A3807-02 Acquired: 8/7/2009 01:22:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01218	-.02547	-.00161	.00634	.00097	.06514	.01542	-.00036
Stddev	.00018	.00161	.00230	.00001	.00156	.00508	.00077	.00001
%RSD	1.4814	6.3349	143.24	.20511	160.86	7.7994	4.9883	2.2455
#1	-.01231	-.02433	.00002	.00634	.00208	.06873	.01597	-.00035
#2	-.01205	-.02661	-.00324	.00633	-.00013	.06155	.01488	-.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.88844	-.00053	-.00004	.00116	.02143	.00235	.06069
Stddev	.00008	.00060	.00090	.00001	.00067	.00006	.00029	.00024
%RSD	12.827	.06808	170.26	19.428	58.092	.27001	12.339	.40131
#1	-.00058	.88801	-.00116	-.00005	.00068	.02147	.00255	.06087
#2	-.00070	.88887	.00011	-.00004	.00164	.02138	.00214	.06052

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	-.00070	133.82	-.00069	.00934	.11356	.00096	.00226
Stddev	.00027	.00065	.25	.00089	.00058	.00561	.00034	.00111
%RSD	10.116	92.394	.18431	129.69	6.1809	4.9425	35.821	49.282
#1	-.00247	-.00024	133.65	-.00132	.00893	.11753	.00120	.00305
#2	-.00285	-.00116	134.00	-.00006	.00975	.10959	.00071	.00147

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-54.060	.04033	.00165	-.00028	z*****
Stddev	.755	.00125	.00040	.00040	-----
%RSD	1.3968	3.1045	24.124	141.17	-----
#1	-53.526	.04121	.00193	-.00057	z 2288.2
#2	-54.594	.03944	.00137	.00000	z 2319.0

Sample Name: A3807-02 Acquired: 8/7/2009 01:22:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.94	546.27	5133.7	8646.0	671.50
Stddev	.97	.45	12.1	16.9	2.68
%RSD	.63992	.08155	.23622	.19587	.39945
#1	152.63	546.59	5125.2	8634.0	673.40
#2	151.25	545.96	5142.3	8658.0	669.61

Sample Name: A3807-02D Acquired: 8/7/2009 01:28:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00865	-.02417	-.00215	.00634	.00050	.06910	.01620	-.00033
Stddev	.00151	.00063	.00121	.00048	.00273	.00572	.00006	.00001
%RSD	17.486	2.6044	56.190	7.6503	542.16	8.2723	.36596	2.8788
#1	-.00758	-.02461	-.00300	.00668	-.00142	.06506	.01616	-.00033
#2	-.00972	-.02372	-.00129	.00599	.00243	.07314	.01624	-.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	.91761	-.00035	-.00084	.00200	.02714	.00231	.08625
Stddev	.00004	.00505	.00033	.00062	.00032	.00165	.00035	.00425
%RSD	9.7114	.55079	94.117	74.001	16.074	6.0875	15.099	4.9249
#1	-.00048	.91404	-.00058	-.00128	.00223	.02597	.00255	.08325
#2	-.00042	.92119	-.00012	-.00040	.00177	.02831	.00206	.08926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	-.00045	138.40	-.00012	.00878	.10370	.00102	.00091
Stddev	.00081	.00025	1.59	.00071	.00030	.00514	.00043	.00017
%RSD	35.019	55.045	1.1499	573.04	3.4081	4.9538	41.973	18.812
#1	-.00287	-.00062	137.28	-.00063	.00899	.10007	.00133	.00104
#2	-.00173	-.00027	139.53	.00038	.00857	.10733	.00072	.00079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-56.119	.04377	.00219	-.00004	z*****
Stddev	.740	.01450	.00001	.00010	-----
%RSD	1.3191	33.134	.35468	264.60	-----
#1	-55.595	.03352	.00218	.00003	z 2303.7
#2	-56.642	.05403	.00219	-.00011	z 2302.3

Sample Name: A3807-02D Acquired: 8/7/2009 01:28:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.11	548.44	5090.3	8686.5	672.63
Stddev	3.27	.58	15.5	24.6	2.07
%RSD	2.1359	.10615	.30526	.28328	.30802
#1	150.80	548.02	5079.3	8669.1	671.17
#2	155.43	548.85	5101.3	8703.9	674.10

Sample Name: A3807-02L Acquired: 8/7/2009 01:35:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00639	-.00080	-.00170	.00147	-.22504	-.02491	-.00007
Stddev	.00063	.00196	.00000	.00004	.00004	.00556	.00000	.00000
%RSD	45.042	30.651	.14051	2.5670	2.8271	2.4724	.01833	3.0172
#1	.00095	-.00778	-.00080	-.00167	.00144	-.22897	-.02492	-.00007
#2	.00183	-.00501	-.00080	-.00173	.00150	-.22111	-.02491	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.08388	.01351	.00029	.00085	.05045	.00136	.00486
Stddev	.00005	.00089	.00025	.00071	.00014	.00056	.00003	.00587
%RSD	294.75	1.0654	1.8409	244.39	16.156	1.1171	1.8600	120.64
#1	.00006	.08452	.01369	-.00021	.00075	.05005	.00134	.00901
#2	-.00002	.08325	.01334	.00079	.00094	.05085	.00138	.00071

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01558	-.00026	12.187	-.00025	.00157	.01738	.00138	-.00185
Stddev	.00073	.00023	.026	.00040	.00011	.00062	.00009	.00032
%RSD	4.6823	88.787	.21213	160.42	7.1425	3.5717	6.2971	17.595
#1	.01610	-.00010	12.206	-.00053	.00165	.01782	.00145	-.00208
#2	.01507	-.00042	12.169	.00003	.00149	.01694	.00132	-.00162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-9.8786	-.01430	-.00051	-.00061	z*****
Stddev	.1465	.00314	.00012	.00002	-----
%RSD	1.4829	21.934	22.640	2.6557	-----
#1	-9.9821	-.01208	-.00060	-.00062	z 2280.8
#2	-9.7750	-.01652	-.00043	-.00060	z 2294.8

Sample Name: A3807-02L Acquired: 8/7/2009 01:35:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	352.89	1241.8	11815.	20116.	646.31
Stddev	1.02	2.0	14.	57.	.36
%RSD	.28882	.16247	.12211	.28145	.05616
#1	352.17	1243.2	11825.	20076.	646.57
#2	353.61	1240.4	11804.	20156.	646.06

Sample Name: A3807-02S Acquired: 8/7/2009 01:42:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63866	1.6773	.82374	1.4460	.68791	1.9761	.20273	.17493
Stddev	.00041	.0075	.00071	.0048	.00170	.0272	.00206	.00035
%RSD	.06358	.44759	.08662	.33487	.24735	1.3763	1.0183	.19946
#1	.63894	1.6826	.82425	1.4495	.68911	1.9953	.20419	.17517
#2	.63837	1.6720	.82324	1.4426	.68671	1.9568	.20127	.17468

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16745	1.8454	.35261	.16652	.26938	2.7432	.18131	1.7851
Stddev	.00011	.0138	.00006	.00050	.00247	.0034	.00033	.0274
%RSD	.06773	.74737	.01620	.30060	.91528	.12251	.18183	1.5346
#1	.16737	1.8552	.35257	.16688	.27112	2.7409	.18155	1.7657
#2	.16753	1.8357	.35265	.16617	.26763	2.7456	.18108	1.8044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41280	.06418	130.13	.27332	.18891	9.0747	.35494	.25768
Stddev	.00096	.00062	.08	.00089	.00076	.0378	.00017	.00326
%RSD	.23229	.96651	.06436	.32441	.39996	.41643	.04880	1.2650
#1	.41212	.06462	130.07	.27394	.18944	9.1015	.35482	.25999
#2	.41348	.06375	130.19	.27269	.18838	9.0480	.35506	.25538

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-50.712	.70021	.59912	.18810	z*****
Stddev	.965	.01472	.00601	.00178	-----
%RSD	1.9025	2.1018	1.0023	.94570	-----
#1	-50.030	.71062	.59488	.18935	z 5234.7
#2	-51.394	.68981	.60337	.18684	z 5246.3

Sample Name: A3807-02S Acquired: 8/7/2009 01:42:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.66	545.45	5099.7	8515.9	669.51
Stddev	1.32	1.82	27.9	81.2	.21
%RSD	.87641	.33360	.54747	.95317	.03168
#1	149.73	544.17	5080.0	8458.5	669.66
#2	151.60	546.74	5119.5	8573.3	669.36

Sample Name: A3807-02SD Acquired: 8/7/2009 01:49:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66647	1.7443	.85714	1.5215	.67869	2.0403	.20910	.18163
Stddev	.00105	.0068	.00087	.0100	.00061	.0115	.00087	.00029
%RSD	.15699	.38936	.10169	.65451	.08992	.56582	.41548	.16100
#1	.66573	1.7395	.85652	1.5144	.67912	2.0484	.20849	.18184
#2	.66721	1.7491	.85776	1.5285	.67825	2.0321	.20971	.18142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17413	1.6225	.36386	.17277	.27580	2.8120	.18649	1.8552
Stddev	.00056	.0071	.00040	.00156	.00062	.0040	.00003	.0102
%RSD	.32321	.43635	.11023	.90286	.22300	.14049	.01611	.54896
#1	.17373	1.6175	.36414	.17166	.27623	2.8092	.18651	1.8480
#2	.17453	1.6275	.36357	.17387	.27536	2.8148	.18646	1.8624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42798	.06646	131.59	.28182	.19842	9.3098	.35284	.26351
Stddev	.00011	.00118	1.54	.00245	.00410	.0221	.00003	.00394
%RSD	.02644	1.7807	1.1710	.87009	2.0669	.23757	.00924	1.4958
#1	.42806	.06563	132.68	.28356	.20132	9.2942	.35282	.26630
#2	.42790	.06730	130.50	.28009	.19552	9.3254	.35286	.26072

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-51.400	.68814	.59502	.18350	z*****
Stddev	.207	.01092	.00137	.00023	-----
%RSD	.40249	1.5876	.23043	.12287	-----
#1	-51.254	.68042	.59405	.18334	z 5332.6
#2	-51.547	.69587	.59599	.18366	z 5356.5

Sample Name: A3807-02SD Acquired: 8/7/2009 01:49:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.17	544.28	5151.8	8557.8	668.89
Stddev	3.42	2.03	8.0	37.0	1.57
%RSD	2.2640	.37329	.15581	.43210	.23433
#1	148.75	545.72	5146.2	8531.7	670.00
#2	153.59	542.85	5157.5	8584.0	667.78

Sample Name: A3807-02A Acquired: 8/7/2009 01:55:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75884	2.0022	.97606	1.7170	.60177	2.3193	.23512	.20689
Stddev	.00350	.0036	.00088	.0037	.00060	.0068	.00139	.00042
%RSD	.46148	.17967	.08986	.21570	.10007	.29306	.58997	.20412
#1	.76132	1.9996	.97544	1.7196	.60220	2.3241	.23610	.20719
#2	.75637	2.0047	.97668	1.7144	.60134	2.3144	.23414	.20660

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19771	1.9233	.41423	.19599	.31640	3.1939	.21222	2.0645
Stddev	.00033	.0010	.00057	.00039	.00282	.0198	.00159	.0037
%RSD	.16499	.05247	.13756	.19658	.89279	.61983	.75133	.18142
#1	.19794	1.9241	.41464	.19627	.31840	3.2079	.21335	2.0618
#2	.19748	1.9226	.41383	.19572	.31440	3.1799	.21110	2.0671

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48834	.07547	135.37	.32487	.21855	10.650	.31317	.30469
Stddev	.00299	.00050	.72	.00237	.00073	.033	.00231	.00017
%RSD	.61223	.66804	.53067	.72855	.33176	.30707	.73712	.05635
#1	.48623	.07583	135.88	.32655	.21906	10.673	.31480	.30456
#2	.49046	.07512	134.87	.32320	.21804	10.627	.31153	.30481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-50.873	.61218	.52339	.16198	z*****
Stddev	.514	.00546	.00370	.00135	-----
%RSD	1.0106	.89130	.70655	.83436	-----
#1	-50.510	.61604	.52077	.16294	z 5762.0
#2	-51.237	.60832	.52600	.16103	z 5789.7

Sample Name: A3807-02A Acquired: 8/7/2009 01:55:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.60	547.48	5162.8	8580.3	674.92
Stddev	1.22	2.27	52.4	74.7	.97
%RSD	.78710	.41546	1.0150	.87083	.14353
#1	153.74	545.87	5125.7	8527.5	674.23
#2	155.46	549.09	5199.9	8633.1	675.60

Sample Name: EXTBLK(08/09/09) Acquired: 8/7/2009 02:02:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01044	-.02335	-.00444	.00762	.00222	.03975	.00131	-.00030
Stddev	.00157	.00054	.00334	.00072	.00021	.01017	.00067	.00000
%RSD	15.036	2.3096	75.233	9.4200	9.3343	25.594	51.434	.52514
#1	-.01155	-.02297	-.00208	.00711	.00236	.04694	.00178	-.00030
#2	-.00933	-.02373	-.00681	.00813	.00207	.03255	.00083	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.19604	-.00006	-.00100	-.00110	.03298	.00035	.04646
Stddev	.00007	.00275	.00029	.00030	.00040	.00085	.00007	.01350
%RSD	14.947	1.4010	531.33	30.060	36.006	2.5853	20.891	29.065
#1	-.00044	.19798	-.00026	-.00121	-.00082	.03238	.00030	.05600
#2	-.00054	.19410	.00015	-.00079	-.00138	.03358	.00041	.03691

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00229	.00001	131.29	.00008	.00507	.05208	.00062	-.00209
Stddev	.00080	.00056	1.11	.00006	.00050	.00904	.00061	.00088
%RSD	35.127	3796.5	.84600	69.121	9.7857	17.355	98.672	42.064
#1	-.00172	.00041	132.07	.00004	.00472	.04569	.00019	-.00147
#2	-.00285	-.00038	130.50	.00013	.00542	.05847	.00106	-.00271

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.24080	-.00784	.00519	.00008	z*****
Stddev	.38898	.00418	.00114	.00022	-----
%RSD	161.54	53.357	21.866	271.06	-----
#1	-.03425	-.00488	.00600	-.00007	z 2279.5
#2	.51584	-.01080	.00439	.00024	z 2290.1

Sample Name: EXTBLK(08/09/09) Acquired: 8/7/2009 02:02:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.56	549.04	5139.7	8741.4	671.07
Stddev	.97	1.67	9.1	58.6	.89
%RSD	.64459	.30437	.17690	.67006	.13206
#1	149.88	550.22	5133.2	8700.0	671.69
#2	151.25	547.86	5146.1	8782.9	670.44

Sample Name: CCV Acquired: 8/7/2009 02:09:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9958	4.7730	4.7415	5.1107	4.9434	9.7923	9.9925	.24921
Stddev	.0063	.0189	.0146	.0081	.0055	.0645	.0403	.00036
%RSD	.12720	.39533	.30805	.15894	.11046	.65905	.40296	.14331
#1	4.9913	4.7597	4.7312	5.1049	4.9472	9.8379	9.9640	.24946
#2	5.0002	4.7864	4.7519	5.1164	4.9395	9.7466	10.021	.24896

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3979	24.104	.97342	2.3852	1.2310	4.9072	2.4496	24.221
Stddev	.0019	.045	.00326	.0036	.0046	.0130	.0017	.058
%RSD	.07828	.18542	.33525	.14873	.37557	.26466	.06741	.24068
#1	2.3966	24.136	.97573	2.3827	1.2343	4.8980	2.4484	24.180
#2	2.3993	24.073	.97111	2.3877	1.2278	4.9164	2.4508	24.262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3728	1.2099	24.714	2.5019	2.5024	25.104	4.9757	4.9539
Stddev	.0101	.0019	.119	.0044	.0550	.021	.0001	.0099
%RSD	.42699	.15516	.48016	.17632	2.1980	.08534	.00145	.19948
#1	2.3657	1.2113	24.798	2.5050	2.5413	25.089	4.9758	4.9469
#2	2.3800	1.2086	24.630	2.4988	2.4635	25.119	4.9757	4.9609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F7.0617	F3.9165	4.8034	4.9975	zF*****
Stddev	.2984	.0054	.0062	.0046	-----
%RSD	4.2257	.13801	.12861	.09213	-----
#1	6.8507	3.9204	4.7991	5.0008	z 2333.5
#2	7.2727	3.9127	4.8078	4.9943	z 2342.1

Sample Name: CCV Acquired: 8/7/2009 02:09:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.40	536.09	5212.3	8782.5	648.05
Stddev	2.96	1.31	9.5	15.8	2.52
%RSD	1.9279	.24353	.18232	.17976	.38869
#1	151.31	537.02	5219.0	8771.3	649.83
#2	155.49	535.17	5205.6	8793.6	646.26

Sample Name: CCB Acquired: 8/7/2009 02:15:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00032	.00136	-.00084	.00232	.02212	.00119	-.00003
Stddev	.00217	.00041	.00096	.00204	.00138	.00026	.00011	.00010
%RSD	406.19	126.19	70.429	244.11	59.272	1.1775	8.8662	340.86
#1	-.00207	.00003	.00204	-.00228	.00135	.02230	.00111	.00004
#2	.00100	.00061	.00068	.00061	.00330	.02194	.00126	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00662	-.00012	.00001	.00015	-.00234	.00007	.00068
Stddev	.00040	.00041	.00046	.00022	.00053	.00157	.00019	.00737
%RSD	267.05	6.1976	399.76	1579.8	365.47	66.933	276.00	1079.2
#1	-.00013	.00692	.00021	-.00014	-.00023	-.00123	.00021	-.00453
#2	.00043	.00633	-.00044	.00017	.00052	-.00345	-.00007	.00589

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	.00035	.00556	-.00026	.00046	.01536	.00206	.00398
Stddev	.00162	.00001	.00043	.00012	.00084	.00998	.00048	.00070
%RSD	185.84	3.8137	7.7739	44.357	183.02	64.953	23.484	17.513
#1	-.00027	.00036	.00526	-.00034	-.00013	.02241	.00241	.00448
#2	.00202	.00034	.00587	-.00018	.00105	.00830	.00172	.00349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.2768	-.01541	.00056	.00008	z*****
Stddev	.3909	.00879	.00086	.00005	-----
%RSD	7.4080	57.030	155.80	66.946	-----
#1	5.0004	-.00919	-.00006	.00004	z 2341.5
#2	5.5532	-.02162	.00117	.00011	z 2339.2

Sample Name: CCB Acquired: 8/7/2009 02:15:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.99	546.01	5293.7	8809.8	630.74
Stddev	.19	.71	5.4	18.4	1.74
%RSD	.12129	.12994	.10278	.20921	.27541
#1	156.13	545.51	5297.5	8822.9	629.51
#2	155.86	546.51	5289.8	8796.8	631.96

Sample Name: PB43884BS Acquired: 8/7/2009 02:22:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79940	1.8181	.93500	2.0117	.79609	1.8639	.21550	.20466
Stddev	.00121	.0054	.00324	.0093	.00265	.0034	.00009	.00100
%RSD	.15127	.29651	.34614	.46185	.33324	.18370	.04135	.48694
#1	.80025	1.8219	.93729	2.0051	.79422	1.8663	.21556	.20537
#2	.79854	1.8143	.93272	2.0183	.79797	1.8615	.21544	.20396

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19973	1.0460	.39050	.19424	.29052	3.0883	.20505	1.9884
Stddev	.00009	.0009	.00053	.00004	.00127	.0074	.00046	.0056
%RSD	.04506	.08962	.13615	.02209	.43842	.24067	.22333	.27976
#1	.19979	1.0453	.39088	.19421	.28962	3.0830	.20473	1.9923
#2	.19967	1.0466	.39012	.19427	.29142	3.0935	.20538	1.9844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48242	.06732	3.0465	.30297	.20652	10.339	.39705	.29557
Stddev	.00269	.00077	.0060	.00270	.00193	.014	.00120	.00112
%RSD	.55684	1.1498	.19603	.88976	.93504	.13532	.30103	.37817
#1	.48432	.06677	3.0507	.30487	.20788	10.329	.39620	.29478
#2	.48052	.06786	3.0423	.30106	.20515	10.349	.39789	.29636

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	F6.2066	F.70131	.67096	.20233	zF*****
Stddev	.3875	.01562	.00113	.00017	-----
%RSD	6.2429	2.2271	.16905	.08513	-----
#1	6.4805	.69027	.67177	.20245	z 5871.5
#2	5.9326	.71236	.67016	.20220	z 5871.6

Sample Name: PB43884BS Acquired: 8/7/2009 02:22:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.67	545.11	5317.8	8867.5	645.27
Stddev	1.03	1.27	27.8	5.7	.15
%RSD	.65389	.23349	.52254	.06435	.02301
#1	156.94	546.01	5337.4	8863.5	645.38
#2	158.40	544.21	5298.1	8871.6	645.17

Sample Name: CCV Acquired: 8/7/2009 02:29:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9802	4.7413	4.7179	5.0430	4.9063	9.6219	9.8962	.24476	2.3851
Stddev	.0263	.0030	.0018	.0329	.0300	.0839	.0400	.00220	.0004
%RSD	.52792	.06378	.03891	.65183	.61114	.87205	.40420	.89923	.01876
#1	4.9988	4.7435	4.7166	5.0663	4.9275	9.5626	9.8679	.24320	2.3854
#2	4.9616	4.7392	4.7192	5.0198	4.8851	9.6812	9.9245	.24632	2.3848

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.797	.96398	2.3674	1.2102	4.8591	2.4278	23.872	2.3606	1.2047
Stddev	.130	.00574	.0029	.0084	.0380	.0135	.138	.0043	.0054
%RSD	.54793	.59582	.12078	.69523	.78243	.55399	.57923	.18180	.45157
#1	23.705	.95992	2.3694	1.2043	4.8322	2.4182	23.774	2.3637	1.2008
#2	23.889	.96804	2.3654	1.2162	4.8860	2.4373	23.970	2.3576	1.2085

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.324	2.4476	2.4738	24.861	4.9056	4.8786	6.6074	3.7737	4.7829
Stddev	.203	.0160	.0274	.149	.0263	.0461	.8547	.0303	.0026
%RSD	.83289	.65468	1.1068	.59900	.53720	.94433	12.936	.80247	.05385
#1	24.181	2.4362	2.4544	24.756	4.9243	4.8460	6.0031	3.7523	4.7811
#2	24.468	2.4589	2.4932	24.967	4.8870	4.9111	7.2118	3.7951	4.7847

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.9485	z*****
Stddev	.0218	-----
%RSD	.44073	-----
#1	4.9331	z 2332.3
#2	4.9640	z 2332.2

Sample Name: CCV Acquired: 8/7/2009 02:29:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.89	539.92	5240.5	8910.4	649.20
Stddev	1.33	2.77	.8	48.1	.73
%RSD	.86715	.51308	.01510	.53976	.11318
#1	154.84	537.96	5240.0	8944.4	648.68
#2	152.95	541.88	5241.1	8876.3	649.72

Sample Name: CCB Acquired: 8/7/2009 02:35:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	.00273	.00070	.00178	.00285	.02662	.00105	.00000
Stddev	.00056	.00157	.00130	.00032	.00335	.00204	.00017	.0000
%RSD	80.426	57.310	184.25	17.711	117.77	7.6451	16.269	330.06
#1	.00030	.00163	-.00021	.00201	.00048	.02518	.00117	-.00001
#2	.00110	.00384	.00162	.00156	.00522	.02806	.00093	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00352	.00070	-.00016	.00010	-.00550	.00005	-.00495
Stddev	.00000	.00036	.00030	.00034	.00037	.00170	.00005	.00097
%RSD	1.0639	10.306	42.440	211.02	375.07	30.877	95.146	19.628
#1	.00046	-.00377	.00049	-.00040	.00036	-.00430	.00002	-.00564
#2	.00046	-.00326	.00091	.00008	-.00016	-.00670	.00009	-.00426

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00047	.00010	.00028	.00031	.00844	.00274	.00339
Stddev	.00035	.00058	.00057	.00069	.00021	.00017	.00025	.00055
%RSD	58.625	122.59	580.41	246.39	68.534	1.9854	8.9400	16.318
#1	-.00035	-.00088	.00050	-.00021	.00046	.00856	.00292	.00300
#2	-.00085	-.00006	-.00031	.00077	.00016	.00832	.00257	.00378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.2367	-.00224	-.00031	.00023	z*****
Stddev	.0931	.00608	.00125	.00010	-----
%RSD	1.7770	271.18	400.16	42.161	-----
#1	5.1709	-.00654	.00057	.00030	z 2325.3
#2	5.3025	.00206	-.00120	.00016	z 2330.2

Sample Name: CCB Acquired: 8/7/2009 02:35:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.91	548.06	5313.4	8983.5	633.30
Stddev	2.63	2.48	3.3	5.9	3.05
%RSD	1.6528	.45243	.06167	.06543	.48235
#1	157.05	549.81	5311.1	8979.4	635.46
#2	160.76	546.31	5315.7	8987.7	631.14

Sample Name: S0 Acquired: 8/10/2009 14:35:04 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00498	-.00542	.00080	.00700	-.00157	.03665	.30925	.00007
Stddev	.00333	.00064	.00010	.00039	.00214	.00055	.00319	.00019
%RSD	66.825	11.864	12.339	5.5965	136.63	1.4977	1.0318	261.09
#1	-.00734	-.00587	.00073	.00727	-.00308	.03704	.30700	-.00006
#2	-.00263	-.00496	.00087	.00672	-.00005	.03627	.31151	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00261	.00028	.00061	.00134	-.00012	.00025	.00013	-.00002
Stddev	.00006	.00013	.00032	.00026	.00002	.00002	.00002	.00001
%RSD	2.3113	44.282	52.134	19.304	19.806	9.6405	15.047	65.998
#1	-.00257	.00020	.00038	.00116	-.00010	.00024	.00015	-.00003
#2	-.00266	.00037	.00083	.00152	-.00013	.00027	.00012	-.00001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00411	-.00020	.00265	.00035	.00081	-.00079	.00287	-.00013
Stddev	.00065	.00027	.00085	.00000	.00341	.00028	.00257	.00005
%RSD	15.935	131.13	32.059	1.1669	423.52	35.034	89.701	39.118
#1	-.00457	-.00039	.00325	.00034	.00322	-.00060	.00469	-.00017
#2	-.00364	-.00001	.00205	.00035	-.00161	-.00099	.00105	-.00010

Elem	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00717	.00037	.00103	.00096
Stddev	.00073	.00007	.00052	.00032
%RSD	10.165	19.828	50.535	33.513
#1	.00666	.00032	.00066	.00119
#2	.00769	.00043	.00140	.00074

Sample Name: S0 Acquired: 8/10/2009 14:35:04 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.25	249.96	5087.2	8705.0	629.91
Stddev	.14	1.52	23.2	.2	1.67
%RSD	.09350	.60916	.45591	.00183	.26530
#1	151.15	248.88	5103.6	8704.9	628.73
#2	151.35	251.03	5070.8	8705.1	631.09

Sample Name: S1 Acquired: 8/10/2009 14:41:45 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09370	.01898	.03044	.11812	.11178	.04813	1.5287	.01129	.21337
Stddev	.00169	.00047	.00073	.00091	.00484	.00042	.0003	.00050	.00148
%RSD	1.8089	2.4731	2.3986	.77457	4.3324	.86268	.01976	4.4650	.69242
#1	.09490	.01931	.02992	.11747	.11520	.04842	1.5285	.01164	.21232
#2	.09250	.01864	.03096	.11877	.10835	.04783	1.5289	.01093	.21441

Elem	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Ni2316	Ag3280	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00846	.07254	.00207	.00517	.03852	.03403	.02553	.01866	.35234
Stddev	.00012	.00017	.00006	.00015	.00036	.00055	.00044	.00069	.00225
%RSD	1.4304	.23366	2.7095	2.9852	.94306	1.6170	1.7243	3.7107	.63927
#1	.00837	.07242	.00203	.00506	.03826	.03442	.02584	.01817	.35393
#2	.00854	.07266	.00211	.00528	.03878	.03364	.02522	.01915	.35075

Elem	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37506	.02087	.04032	.00163	.04127	.06137
Stddev	.00460	.00035	.00154	.00009	.00028	.00031
%RSD	1.2254	1.6714	3.8274	5.6534	.67001	.50011
#1	.37831	.02063	.03923	.00157	.04147	.06116
#2	.37181	.02112	.04141	.00170	.04108	.06159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.25	252.35	5123.8	8754.2	636.96
Stddev	.26	1.70	25.2	63.3	.64
%RSD	.17265	.67250	.49229	.72335	.10102
#1	153.44	251.15	5141.6	8798.9	637.42
#2	153.06	253.55	5105.9	8709.4	636.51

Sample Name: S2 Acquired: 8/10/2009 14:48:24 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34645	.07638	1.3195	.44290
Stddev	.00076	.00079	.0026	.00165
%RSD	.21827	1.0351	.19482	.37297
#1	.34698	.07694	1.3214	.44407
#2	.34591	.07582	1.3177	.44173

Int. Std.	Y_3710
Units	Cts/S
Avg	8762.7
Stddev	17.8
%RSD	.20307
#1	8750.1
#2	8775.3

Sample Name: S3 Acquired: 8/10/2009 14:54:58 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5552	.66321	.76700	2.8651	2.8828	.39543	30.306	.28348	5.2726
Stddev	.0118	.00044	.00219	.0188	.0037	.00010	.273	.00025	.0012
%RSD	.46275	.06671	.28609	.65637	.12981	.02433	.89980	.08892	.02258
#1	2.5468	.66289	.76545	2.8518	2.8802	.39537	30.499	.28366	5.2734
#2	2.5636	.66352	.76855	2.8784	2.8855	.39550	30.113	.28330	5.2718

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.85211	.21333	1.7651	.05474	.12314	.93472	.18807	.95223	.70191
Stddev	.00424	.00013	.0014	.00012	.00028	.00148	.00073	.00017	.00020
%RSD	.49712	.06253	.07974	.22771	.22813	.15877	.38998	.01748	.02886
#1	.84911	.21342	1.7641	.05465	.12294	.93367	.18756	.95211	.70205
#2	.85510	.21324	1.7661	.05482	.12334	.93577	.18859	.95234	.70177

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2478	.45434	8.7346	1.0922	9.2622	.52823	.84330	.02936	.99981
Stddev	.0055	.00195	.0365	.0021	.0295	.00278	.00292	.00026	.00006
%RSD	.16874	.42852	.41793	.18804	.31847	.52656	.34584	.87655	.00621
#1	3.2439	.45296	8.7604	1.0907	9.2413	.52626	.84536	.02917	.99985
#2	3.2517	.45571	8.7087	1.0936	9.2830	.53020	.84124	.02954	.99976

Elem	Ti3361
Units	Cts/S
Avg	1.5110
Stddev	.0024
%RSD	.15937
#1	1.5093
#2	1.5127

Sample Name: S3 Acquired: 8/10/2009 14:54:58 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.24	252.48	5120.2	8846.1	651.04
Stddev	.41	1.39	10.5	30.0	1.68
%RSD	.27443	.55080	.20495	.33968	.25777
#1	149.95	253.46	5112.8	8867.4	652.23
#2	150.53	251.49	5127.7	8824.9	649.86

Sample Name: S4 Acquired: 8/10/2009 15:01:30 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1569	1.3889	1.5750	5.7862	5.8767	.77443	59.321	.55632	10.542
Stddev	.0103	.0069	.0029	.0312	.0346	.00051	.102	.00006	.010
%RSD	.19999	.49780	.18480	.53950	.58872	.06578	.17194	.01125	.09102
#1	5.1642	1.3938	1.5771	5.8083	5.9012	.77407	59.249	.55628	10.548
#2	5.1497	1.3840	1.5729	5.7641	5.8522	.77479	59.394	.55637	10.535

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6825	.42457	3.5815	.10900	.24254	1.8415	.37391	1.9414	1.4401
Stddev	.0056	.00123	.0049	.00004	.00009	.0001	.00041	.0058	.0090
%RSD	.33164	.28973	.13727	.03304	.03632	.00658	.11005	.29714	.62522
#1	1.6785	.42544	3.5850	.10898	.24260	1.8414	.37361	1.9455	1.4464
#2	1.6864	.42370	3.5781	.10903	.24248	1.8416	.37420	1.9374	1.4337

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.5098	.89170	16.776	2.1582	18.515	1.0458	1.7046	.05516	2.0363
Stddev	.0210	.00086	.138	.0057	.127	.0013	.0054	.00049	.0005
%RSD	.32292	.09638	.82145	.26311	.68652	.12724	.31481	.89592	.02242
#1	6.5246	.89231	16.873	2.1622	18.605	1.0449	1.7084	.05551	2.0366
#2	6.4949	.89110	16.678	2.1541	18.425	1.0467	1.7008	.05481	2.0360

Elem	Ti3361
Units	Cts/S
Avg	3.0042
Stddev	.0098
%RSD	.32705
#1	3.0111
#2	2.9972

Sample Name: S4 Acquired: 8/10/2009 15:01:30 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.52	251.54	5159.8	9043.3	649.56
Stddev	1.38	1.63	22.2	5.5	1.31
%RSD	.88987	.64662	.43013	.06043	.20121
#1	153.55	250.39	5144.1	9039.4	648.64
#2	155.49	252.69	5175.5	9047.2	650.49

Sample Name: S5 Acquired: 8/10/2009 15:08:01 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.446	2.9492	3.2561	11.787	12.038	1.5915	117.16	1.1083	21.022
Stddev	.002	.0014	.0040	.037	.023	.0031	.59	.0025	.020
%RSD	.01663	.04928	.12302	.31182	.18856	.19310	.50678	.22403	.09589
#1	10.447	2.9502	3.2589	11.813	12.054	1.5893	116.74	1.1101	21.008
#2	10.445	2.9482	3.2532	11.761	12.022	1.5937	117.58	1.1066	21.037

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3303	.85495	7.2554	.22091	.47723	3.6227	.75218	3.9618	2.9664
Stddev	.0227	.00093	.0136	.00126	.00341	.0194	.00625	.0079	.0021
%RSD	.68128	.10908	.18769	.56822	.71448	.53684	.83039	.19906	.07140
#1	3.3142	.85561	7.2457	.22002	.47482	3.6090	.74777	3.9562	2.9679
#2	3.3463	.85429	7.2650	.22180	.47964	3.6365	.75660	3.9673	2.9649

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.127	1.7788	33.364	4.3365	37.291	2.1026	3.4306	.10977	4.1548
Stddev	.050	.0008	.211	.0179	.134	.0080	.0092	.00058	.0133
%RSD	.37847	.04235	.63388	.41226	.35990	.38084	.26917	.53261	.32008
#1	13.092	1.7793	33.214	4.3239	37.386	2.0969	3.4240	.10936	4.1454
#2	13.162	1.7783	33.513	4.3491	37.196	2.1083	3.4371	.11019	4.1642

Elem	Ti3361
Units	Cts/S
Avg	5.9766
Stddev	.0328
%RSD	.54921
#1	5.9534
#2	5.9998

Sample Name: S5 Acquired: 8/10/2009 15:08:01 Type: Cal
Method: P4 (v34) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.94	245.63	5109.2	8976.6	641.21
Stddev	.73	.47	7.3	37.6	1.14
%RSD	.48369	.19136	.14379	.41841	.17706
#1	151.46	245.29	5114.4	9003.1	642.01
#2	150.42	245.96	5104.0	8950.0	640.40

Sample Name: ICV Acquired: 8/10/2009 15:14:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0380	.98948	1.0095	1.0095	1.0107	2.3832	.54170
Stddev	.0073	.00161	.0055	.0021	.0001	.0162	.00618
%RSD	.70100	.16308	.54592	.20867	.01007	.68094	1.1412
#1	1.0329	.99062	1.0056	1.0080	1.0108	2.3718	.53733
#2	1.0432	.98834	1.0134	1.0110	1.0107	2.3947	.54607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51014	.53141	10.548	.51167	.51530	.50196	5.3449
Stddev	.00378	.00091	.128	.00163	.00065	.00655	.0621
%RSD	.74136	.17174	1.2094	.31833	.12675	1.3046	1.1621
#1	.50747	.53076	10.458	.51282	.51484	.49733	5.3010
#2	.51282	.53206	10.638	.51052	.51577	.50659	5.3888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53025	6.2263	.51890	.47591	10.351	.51178	1.0340
Stddev	.00512	.0990	.00203	.00194	.104	.00445	.0005
%RSD	.96491	1.5903	.39157	.40857	1.0033	.87048	.04712
#1	.52663	6.1563	.52034	.47453	10.277	.50863	1.0336
#2	.53387	6.2963	.51746	.47728	10.424	.51493	1.0343

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.439	F.00189	F.01224	F.00193	F.01662	F-.00056	F.00003
Stddev	.107	.00008	.00001	.00090	.01036	.00068	.00014
%RSD	1.0232	4.0294	.10137	46.552	62.368	121.33	480.73
#1	10.364	.00184	.01223	.00257	.00929	-.00105	-.00007
#2	10.515	.00194	.01225	.00130	.02395	-.00008	.00013

Sample Name: ICV Acquired: 8/10/2009 15:14:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 2234.6
#2	z 2256.6

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.75	253.71	5221.6	9118.1	641.49
Stddev	.03	.11	5.9	73.2	1.21
%RSD	.01759	.04459	.11236	.80255	.18886
#1	157.73	253.79	5225.7	9169.9	640.63
#2	157.77	253.63	5217.4	9066.4	642.34

Sample Name: ICB Acquired: 8/10/2009 15:21:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	-.00371	-.00062	.00101	.00392	-.00714	-.00047	-.00003
Stddev	.00067	.00175	.00097	.00063	.00126	.00142	.00022	.00007
%RSD	42.028	47.103	156.00	62.041	32.126	19.874	45.677	236.23
#1	-.00112	-.00494	-.00131	.00145	.00303	-.00815	-.00032	.00002
#2	-.00207	-.00247	.00006	.00057	.00482	-.00614	-.00063	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00060	-.00140	.00142	.00076	-.00087	-.00003	-.00292
Stddev	.00005	.00450	.00016	.00041	.00049	.00507	.00011	.00735
%RSD	45.435	754.61	11.481	29.261	65.107	585.39	416.78	252.10
#1	.00008	-.00378	-.00128	.00112	.00041	-.00446	-.00011	.00228
#2	.00016	.00259	-.00151	.00171	.00111	.00272	.00005	-.00812

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00004	.00075	.00023	.00028	.00159	.00095	.00442
Stddev	.00043	.00007	.00196	.00021	.00020	.00153	.00010	.00061
%RSD	234.42	161.84	259.72	90.575	69.058	96.160	10.074	13.834
#1	.00049	.00009	-.00063	.00008	.00042	.00267	.00088	.00399
#2	-.00012	-.00001	.00214	.00037	.00015	.00051	.00101	.00485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00066	-.00094	-.00063	.00038	z*****
Stddev	.00175	.02232	.00123	.00014	-----
%RSD	264.79	2375.5	195.73	37.548	-----
#1	.00058	-.01672	-.00150	.00048	z 2246.3
#2	-.00190	.01484	.00024	.00028	z 2235.4

Sample Name: ICB Acquired: 8/10/2009 15:21:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.14	252.83	5181.8	9091.1	623.01
Stddev	.91	.73	23.8	.6	.22
%RSD	.57742	.28900	.45978	.00637	.03481
#1	156.50	253.35	5165.0	9090.7	622.86
#2	157.78	252.32	5198.7	9091.5	623.17

Sample Name: CRI Acquired: 8/10/2009 15:28:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20070	.17372	.19154	.19718	.19623	.33221	.41090	.00986	.10402
Stddev	.00024	.00121	.00173	.00109	.00170	.00199	.00022	.00025	.00039
%RSD	.12191	.69641	.90458	.55067	.86651	.59974	.05447	2.5462	.37697
#1	.20087	.17457	.19032	.19795	.19503	.33362	.41074	.00968	.10430
#2	.20053	.17286	.19277	.19641	.19743	.33080	.41105	.01004	.10374

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0114	.03771	.09947	.04750	.20716	.10340	.99746	.09855	.04652
Stddev	.0162	.00088	.00088	.00034	.00298	.00014	.00666	.00238	.00138
%RSD	1.6021	2.3428	.88822	.71509	1.4372	.13829	.66812	2.4110	2.9762
#1	.99998	.03708	.10010	.04726	.20505	.10330	1.0022	.09687	.04554
#2	1.0229	.03833	.09885	.04774	.20926	.10350	.99275	.10023	.04750

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0062	.09663	.10122	1.0015	.20026	.19791	.20360	.18876	.19701
Stddev	.0016	.00087	.00076	.0057	.00149	.00115	.00149	.01025	.00221
%RSD	.15901	.89966	.75474	.56658	.74443	.58204	.73371	5.4313	1.1224
#1	1.0050	.09602	.10068	.99745	.19920	.19710	.20254	.19601	.19544
#2	1.0073	.09725	.10176	1.0055	.20131	.19873	.20466	.18151	.19857

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.20197	zF*****
Stddev	.00236	-----
%RSD	1.1705	-----
#1	.20030	z 5693.2
#2	.20365	z 5677.2

Sample Name: CRI Acquired: 8/10/2009 15:28:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.03	251.21	5176.0	9101.0	626.71
Stddev	1.54	.95	18.2	40.3	1.17
%RSD	1.0002	.38000	.35144	.44296	.18617
#1	155.12	251.88	5188.8	9129.5	625.89
#2	152.94	250.53	5163.1	9072.5	627.54

Sample Name: ICSA Acquired: 8/10/2009 15:34:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01592	-.00342	.00790	.00260	.00243	251.32	.00413	.00092
Stddev	.00263	.00007	.00176	.00028	.00589	1.04	.00024	.00010
%RSD	16.504	1.9465	22.226	10.599	242.16	.41420	5.8063	11.124
#1	.01778	-.00347	.00666	.00241	-.00173	252.06	.00430	.00084
#2	.01407	-.00337	.00914	.00280	.00659	250.58	.00396	.00099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	248.75	.04350	.00433	.02214	96.220	.02182	262.96
Stddev	.00019	1.27	.00006	.00009	.00037	.503	.00013	1.43
%RSD	4.5001	.51129	.13344	2.0176	1.6853	.52259	.61542	.54416
#1	.00407	249.64	.04345	.00439	.02241	96.576	.02192	263.98
#2	.00433	247.85	.04354	.00427	.02188	95.865	.02173	261.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02298	-.00127	.80915	.00287	.03117	-.00174	.00038	-.00300
Stddev	.00009	.00051	.00274	.00129	.00031	.00243	.00040	.00167
%RSD	.39082	40.154	.33859	45.001	.98905	139.44	103.45	55.577
#1	.02304	-.00163	.81108	.00379	.03095	-.00002	.00010	-.00182
#2	.02291	-.00091	.80721	.00196	.03138	-.00346	.00067	-.00418

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.06660	-.02626	-.00015	-.00463	z*****
Stddev	.00416	.01842	.00156	.00046	-----
%RSD	6.2484	70.124	1060.8	9.9407	-----
#1	.06366	-.03929	-.00125	-.00496	z 2352.1
#2	.06954	-.01324	.00096	-.00431	z 2340.9

Sample Name: ICSA Acquired: 8/10/2009 15:34:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	146.42	234.72	4894.9	8739.7	633.42
Stddev	1.60	.14	4.3	59.9	.55
%RSD	1.0931	.05925	.08775	.68507	.08670
#1	147.55	234.82	4891.9	8697.3	633.03
#2	145.28	234.62	4897.9	8782.0	633.81

Sample Name: ICSAB Acquired: 8/10/2009 15:41:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11746	.09822	.05462	.05215	.65179	251.52	.51866	.49322
Stddev	.00067	.00250	.00131	.00231	.00542	.04	.00341	.00094
%RSD	.57058	2.5437	2.4022	4.4286	.83223	.01620	.65702	.18970
#1	.11793	.09646	.05555	.05378	.65562	251.55	.52107	.49388
#2	.11698	.09999	.05370	.05051	.64795	251.49	.51625	.49256

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98963	249.52	.53743	.49431	.52911	96.308	.51349	263.48
Stddev	.00303	.27	.00076	.00168	.00390	.155	.00077	1.01
%RSD	.30627	.10732	.14164	.33930	.73774	.16079	.15062	.38395
#1	.99177	249.71	.53689	.49550	.53187	96.417	.51295	264.19
#2	.98748	249.33	.53796	.49312	.52635	96.198	.51404	262.76

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0338	.21567	.83613	.49687	1.0263	.00295	.00018	-.00412
Stddev	.0008	.00019	.00872	.00406	.0116	.00664	.00046	.00146
%RSD	.07953	.08984	1.0434	.81730	1.1309	225.49	252.65	35.573
#1	1.0344	.21554	.84230	.49974	1.0181	.00765	.00050	-.00515
#2	1.0332	.21581	.82996	.49400	1.0345	-.00175	-.00014	-.00308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.06408	-.04093	.00128	-.00523	zF*****
Stddev	.00109	.01076	.00219	.00002	-----
%RSD	1.6990	26.293	170.25	.30113	-----
#1	.06331	-.03332	.00283	-.00522	z 2309.9
#2	.06485	-.04854	-.00026	-.00524	z 2314.2

Sample Name: ICSAB Acquired: 8/10/2009 15:41:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	140.32	229.38	4922.3	8700.9	630.11
Stddev	1.45	.19	7.3	33.9	1.76
%RSD	1.0312	.08220	.14806	.39010	.27868
#1	141.35	229.25	4917.1	8676.9	628.86
#2	139.30	229.52	4927.4	8724.9	631.35

Sample Name: CCV Acquired: 8/10/2009 15:47:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0953	4.8630	4.8939	5.1358	5.0693	9.8324	10.255	.25007	2.4704
Stddev	.0052	.0195	.0081	.0059	.0026	.0365	.043	.00071	.0066
%RSD	.10180	.40041	.16571	.11419	.05146	.37142	.42100	.28508	.26633
#1	5.0916	4.8492	4.8881	5.1317	5.0712	9.8582	10.286	.25058	2.4657
#2	5.0990	4.8767	4.8996	5.1400	5.0675	9.8066	10.225	.24957	2.4751

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.810	.98649	2.4647	1.2354	5.0189	2.5121	24.753	2.4756	1.2384
Stddev	.119	.01450	.0003	.0039	.0178	.0052	.082	.0001	.0065
%RSD	.47774	1.4697	.01141	.31694	.35377	.20614	.33263	.00271	.52351
#1	24.894	.99674	2.4645	1.2382	5.0315	2.5158	24.811	2.4756	1.2430
#2	24.727	.97624	2.4649	1.2326	5.0063	2.5085	24.695	2.4757	1.2338

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.408	2.4618	2.4683	25.335	4.9963	4.9975	5.0721	5.0176	4.9392
Stddev	.182	.0152	.0270	.127	.0046	.0189	.0243	.0676	.0091
%RSD	.71725	.61693	1.0930	.50153	.09114	.37901	.47921	1.3472	.18359
#1	25.537	2.4725	2.4874	25.425	4.9996	5.0109	5.0549	5.0654	4.9327
#2	25.279	2.4510	2.4493	25.245	4.9931	4.9841	5.0893	4.9698	4.9456

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	5.0464	zF*****
Stddev	.0230	-----
%RSD	.45535	-----
#1	5.0627	z 86955.
#2	5.0302	z 86573.

Sample Name: CCV Acquired: 8/10/2009 15:47:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	149.32	244.46	5097.5	8933.0	637.47
Stddev	1.97	.29	26.8	40.1	.62
%RSD	1.3198	.11837	.52614	.44901	.09751
#1	147.93	244.25	5078.5	8904.7	637.91
#2	150.72	244.66	5116.5	8961.4	637.03

Sample Name: CCB Acquired: 8/10/2009 15:54:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	-.00198	-.00131	.00017	.00273	.00767	-.00005	-.00009
Stddev	.00039	.00064	.00267	.00131	.00004	.00120	.00043	.00002
%RSD	28.888	32.244	203.31	770.85	1.4994	15.717	825.48	25.294
#1	-.00164	-.00243	-.00320	-.00076	.00270	.00681	-.00036	-.00011
#2	-.00109	-.00153	.00057	.00110	.00276	.00852	.00025	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00391	-.00050	.00042	.00027	.00522	.00011	-.00419
Stddev	.00032	.00524	.00018	.00008	.00058	.00002	.00050	.00399
%RSD	308.67	133.83	35.186	19.256	213.78	.33981	452.24	95.183
#1	.00033	.00021	-.00037	.00036	-.00014	.00521	.00047	-.00701
#2	-.00012	.00762	-.00062	.00048	.00068	.00523	-.00024	-.00137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00005	-.00559	-.00001	.00005	.00834	.00156	.00576
Stddev	.00073	.00045	.00024	.00069	.00039	.00299	.00107	.00039
%RSD	566.53	844.73	4.3785	6519.7	786.16	35.874	68.139	6.7331
#1	.00064	.00037	-.00576	.00048	.00033	.01045	.00232	.00549
#2	-.00038	-.00026	-.00542	-.00050	-.00023	.00622	.00081	.00603

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00156	.00344	.00111	.00076	z*****
Stddev	.00081	.00538	.00175	.00008	-----
%RSD	51.911	156.52	157.90	11.206	-----
#1	-.00099	-.00037	.00234	.00070	z 2180.9
#2	-.00214	.00724	-.00013	.00082	z 2205.9

Sample Name: CCB Acquired: 8/10/2009 15:54:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	152.56	249.49	5158.9	9109.8	617.80
Stddev	2.31	.68	10.2	34.7	.50
%RSD	1.5122	.27114	.19813	.38116	.08165
#1	150.93	249.01	5166.1	9134.4	617.44
#2	154.19	249.97	5151.7	9085.3	618.16

Sample Name: PB43942BL Acquired: 8/10/2009 16:00:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00245	.00055	.00105	.00362	.01224	-.00094	-.00002
Stddev	.00044	.00398	.00373	.00166	.00135	.00150	.00065	.00012
%RSD	1043.4	162.74	675.39	158.22	37.347	12.276	69.794	534.68
#1	-.00036	-.00527	.00319	.00223	.00266	.01118	-.00047	-.00010
#2	.00027	.00037	-.00209	-.00012	.00457	.01330	-.00140	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00068	-.00184	-.00005	-.00013	-.00390	-.00016	-.00319
Stddev	.00025	.00491	.00198	.00070	.00016	.00049	.00000	.01151
%RSD	275.65	720.08	107.83	1397.1	122.77	12.566	1.4882	360.71
#1	.00027	.00279	-.00324	-.00055	-.00024	-.00356	-.00016	-.01133
#2	-.00009	-.00416	-.00044	.00045	-.00002	-.00425	-.00015	.00495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00029	-.00365	.00009	.00001	-.00702	.00079	.00235
Stddev	.00109	.00013	.00205	.00044	.00034	.00699	.00020	.00204
%RSD	304.64	44.160	56.312	513.92	4933.1	99.531	25.084	87.149
#1	-.00041	.00039	-.00510	-.00023	.00025	-.00208	.00065	.00090
#2	.00112	.00020	-.00220	.00040	-.00023	-.01197	.00093	.00379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00388	.00903	-.00129	-.00012	z*****
Stddev	.00009	.01574	.00061	.00041	-----
%RSD	2.4172	174.37	46.928	331.68	-----
#1	-.00395	.02016	-.00172	.00017	z 2212.4
#2	-.00382	-.00210	-.00086	-.00041	z 2212.4

Sample Name: PB43942BL Acquired: 8/10/2009 16:00:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.62	253.03	5182.1	9222.6	619.41
Stddev	1.71	1.68	16.6	81.3	2.57
%RSD	1.1059	.66231	.32027	.88190	.41477
#1	153.41	254.21	5170.4	9165.1	621.23
#2	155.83	251.84	5193.9	9280.1	617.60

Sample Name: PB43942BS Acquired: 8/10/2009 16:07:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77982	1.7752	.93413	1.9073	.95655	1.7788	.20919
Stddev	.00740	.0021	.00169	.0089	.00910	.0078	.00031
%RSD	.94874	.11761	.18142	.46831	.95151	.43962	.14648
#1	.78505	1.7766	.93533	1.9137	.96299	1.7843	.20897
#2	.77459	1.7737	.93293	1.9010	.95012	1.7733	.20941

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19628	.20034	1.0227	.38626	.19568	.28065	3.0248
Stddev	.00120	.00050	.0069	.00210	.00025	.00171	.0196
%RSD	.61281	.24742	.67776	.54269	.13021	.60826	.64731
#1	.19713	.20069	1.0178	.38774	.19586	.28186	3.0386
#2	.19543	.19999	1.0276	.38477	.19550	.27944	3.0109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20162	1.9348	.48821	.06658	2.9968	.28825	.19073
Stddev	.00030	.0078	.00172	.00111	.0007	.00224	.00105
%RSD	.14839	.40154	.35324	1.6614	.02471	.77626	.55083
#1	.20141	1.9293	.48943	.06736	2.9963	.28983	.18998
#2	.20183	1.9403	.48699	.06579	2.9973	.28667	.19147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.019	.47343	.29022	F-.00190	1.0843	.83778	F.24221
Stddev	.018	.00135	.00005	.00022	.0137	.00335	.00077
%RSD	.17705	.28424	.01600	11.749	1.2662	.40029	.31603
#1	10.007	.47438	.29025	-.00206	1.0745	.84015	.24275
#2	10.032	.47248	.29018	-.00175	1.0940	.83540	.24167

Sample Name: PB43942BS Acquired: 8/10/2009 16:07:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5652.0
#2	z 5664.5

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.73	253.06	5228.7	9077.5	632.93
Stddev	.46	1.48	20.6	39.7	1.99
%RSD	.28891	.58493	.39325	.43762	.31393
#1	157.41	252.01	5214.1	9049.4	631.52
#2	158.05	254.10	5243.2	9105.6	634.33

Sample Name: A3852-01 Acquired: 8/10/2009 16:14:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02436	-.04388	4.2997	.00335	.01228	93.812	1.5914	.00293
Stddev	.00030	.00161	.0116	.00016	.00152	.171	.0063	.00001
%RSD	1.2125	3.6795	.26972	4.7462	12.383	.18267	.39724	.35378
#1	.02457	-.04274	4.2915	.00323	.01121	93.933	1.5959	.00292
#2	.02415	-.04502	4.3079	.00346	.01336	93.691	1.5869	.00293

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01136	61.020	.27139	.09617	.42017	192.91	3.0557	56.674
Stddev	.00024	.050	.00071	.00082	.00037	.27	.0060	.010
%RSD	2.1086	.08157	.26170	.85395	.08694	.13859	.19571	.01797
#1	.01119	60.984	.27088	.09675	.41991	192.72	3.0515	56.667
#2	.01153	61.055	.27189	.09559	.42043	193.10	3.0599	56.681

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26762	.00224	2.3400	.41840	.98940	32.578	.00553	.02370
Stddev	.00082	.00016	.0141	.00074	.00712	.004	.00009	.00252
%RSD	.30473	7.1639	.60227	.17617	.71961	.01144	1.6363	10.612
#1	.26820	.00212	2.3500	.41892	.98437	32.576	.00546	.02192
#2	.26704	.00235	2.3301	.41788	.99444	32.581	.00559	.02548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.6217	4.7779	.15577	8.4905	z*****
Stddev	.0032	.0283	.00042	.0070	-----
%RSD	.12310	.59124	.27240	.08288	-----
#1	2.6240	4.7979	.15607	8.4856	z 4297.0
#2	2.6195	4.7580	.15547	8.4955	z 4306.6

Sample Name: A3852-01 Acquired: 8/10/2009 16:14:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.17	272.30	5642.1	10017.	629.22
Stddev	.53	1.90	23.9	13.	.09
%RSD	.31899	.69679	.42438	.13288	.01423
#1	166.54	273.65	5659.0	10008.	629.16
#2	165.79	270.96	5625.1	10026.	629.28

Sample Name: A3852-02 Acquired: 8/10/2009 16:20:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02596	-.04799	2.0452	.00623	.01014	91.186	1.6274	.00301
Stddev	.00127	.00253	.0065	.00218	.00101	.096	.0059	.00021
%RSD	4.8749	5.2690	.31746	35.051	9.9993	.10479	.36339	6.8405
#1	.02685	-.04620	2.0498	.00777	.00942	91.118	1.6232	.00286
#2	.02506	-.04978	2.0406	.00468	.01086	91.253	1.6315	.00316

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01046	51.123	.33423	.09784	.39590	181.83	2.5859	56.668
Stddev	.00016	.177	.00070	.00019	.00158	.45	.0068	.175
%RSD	1.5358	.34713	.21038	.19590	.39785	.24687	.26433	.30849
#1	.01057	50.997	.33373	.09797	.39479	181.51	2.5811	56.545
#2	.01035	51.248	.33472	.09770	.39701	182.14	2.5908	56.792

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30760	-.00053	2.0169	.34486	1.0979	29.502	.00581	.01495
Stddev	.00148	.00032	.0163	.00117	.0007	.078	.00019	.00276
%RSD	.48011	60.675	.80792	.33919	.06336	.26444	3.2307	18.498
#1	.30656	-.00075	2.0053	.34403	1.0984	29.447	.00567	.01690
#2	.30865	-.00030	2.0284	.34569	1.0974	29.558	.00594	.01299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.6997	5.7759	.05126	7.7625	z*****
Stddev	.0002	.0037	.00300	.0212	-----
%RSD	.01327	.06457	5.8458	.27267	-----
#1	1.6996	5.7732	.05338	7.7475	z 4310.9
#2	1.6999	5.7785	.04914	7.7774	z 4321.5

Sample Name: A3852-02 Acquired: 8/10/2009 16:20:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.43	274.24	5720.7	10135.	630.42
Stddev	.11	.95	5.5	9.	2.97
%RSD	.06474	.34723	.09643	.08426	.47072
#1	168.35	273.56	5716.8	10141.	628.32
#2	168.50	274.91	5724.6	10129.	632.51

Sample Name: A3852-03 Acquired: 8/10/2009 16:27:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03248	-.04973	5.7048	.00581	.01099	96.293	1.5128	.00311
Stddev	.00217	.00168	.0104	.00042	.00436	.042	.0074	.00007
%RSD	6.6831	3.3838	.18206	7.2253	39.691	.04412	.48862	2.3054
#1	.03402	-.05092	5.7122	.00551	.01407	96.323	1.5076	.00316
#2	.03095	-.04854	5.6975	.00611	.00790	96.263	1.5181	.00306

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01118	54.063	.29694	.09975	.49313	195.25	2.9065	53.322
Stddev	.00051	.194	.00009	.00034	.00264	.05	.0059	.050
%RSD	4.6045	.35858	.03041	.34352	.53513	.02319	.20127	.09444
#1	.01154	53.926	.29701	.09950	.49127	195.22	2.9106	53.287
#2	.01081	54.200	.29688	.09999	.49500	195.28	2.9024	53.358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29820	.00057	1.9531	.54899	1.0314	29.347	.00566	.01397
Stddev	.00048	.00055	.0103	.00135	.0057	.032	.00010	.00099
%RSD	.16082	97.261	.52776	.24605	.55465	.10963	1.7440	7.0635
#1	.29786	.00018	1.9458	.54803	1.0273	29.324	.00573	.01327
#2	.29853	.00096	1.9604	.54994	1.0354	29.370	.00559	.01467

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.5447	5.5575	.07123	8.2489	z*****
Stddev	.0039	.0445	.00143	.0114	-----
%RSD	.25329	.80116	2.0093	.13804	-----
#1	1.5475	5.5261	.07224	8.2569	z 4403.4
#2	1.5420	5.5890	.07021	8.2408	z 4425.0

Sample Name: A3852-03 Acquired: 8/10/2009 16:27:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.71	272.90	5665.2	10050.	629.77
Stddev	.18	1.33	41.1	3.	3.59
%RSD	.10602	.48799	.72516	.02539	.56926
#1	167.59	271.96	5636.2	10048.	627.23
#2	167.84	273.84	5694.3	10052.	632.30

Sample Name: A3852-04 Acquired: 8/10/2009 16:34:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	-.04082	2.9854	.00157	.00846	126.87	2.5536	.00268
Stddev	.00372	.00866	.0039	.00018	.00037	.19	.0148	.00002
%RSD	28.229	21.212	.13033	11.321	4.3999	.14629	.57818	.85126
#1	.01055	-.04695	2.9826	.00170	.00872	127.00	2.5641	.00267
#2	.01581	-.03470	2.9881	.00145	.00819	126.74	2.5432	.00270

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01401	53.151	.51426	.13406	.54750	235.11	3.3184	83.307
Stddev	.00025	.114	.00224	.00083	.00383	.27	.0039	.028
%RSD	1.7699	.21371	.43492	.61836	.69945	.11540	.11839	.03411
#1	.01384	53.231	.51268	.13348	.54479	234.92	3.3156	83.327
#2	.01419	53.071	.51584	.13465	.55020	235.30	3.3212	83.287

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39473	-.00071	2.4222	.51429	1.0337	60.735	.00522	.00647
Stddev	.00029	.00064	.0046	.00292	.0205	.089	.00026	.00179
%RSD	.07430	89.809	.18858	.56726	1.9840	.14598	4.9369	27.723
#1	.39452	-.00026	2.4254	.51636	1.0482	60.798	.00503	.00773
#2	.39494	-.00116	2.4190	.51223	1.0192	60.672	.00540	.00520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.9046	5.3245	.03672	13.950	z*****
Stddev	.0066	.0453	.00106	.011	-----
%RSD	.34572	.85056	2.8814	.07764	-----
#1	1.8999	5.3565	.03746	13.942	z 4534.8
#2	1.9092	5.2924	.03597	13.957	z 4557.6

Sample Name: A3852-04 Acquired: 8/10/2009 16:34:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.98	278.47	5732.7	10073.	633.57
Stddev	4.33	2.64	6.2	39.	.25
%RSD	2.5462	.94628	.10813	.39004	.03943
#1	166.92	276.61	5737.1	10045.	633.39
#2	173.04	280.34	5728.3	10100.	633.74

Sample Name: A3852-05 Acquired: 8/10/2009 16:40:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01989	-.04397	1.6123	.00525	.00770	107.85	1.5612	.00315
Stddev	.00233	.00650	.0057	.00180	.00323	.36	.0102	.00016
%RSD	11.704	14.779	.35567	34.312	41.980	.33574	.65164	5.0502
#1	.02154	-.03938	1.6082	.00397	.00541	108.11	1.5684	.00326
#2	.01825	-.04857	1.6164	.00652	.00998	107.59	1.5540	.00303

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01181	42.398	.38760	.10873	.32215	232.43	3.6271	61.997
Stddev	.00042	.073	.00009	.00068	.00080	.17	.0019	.094
%RSD	3.5777	.17318	.02220	.62277	.24826	.07129	.05347	.15134
#1	.01151	42.450	.38754	.10825	.32271	232.55	3.6284	62.063
#2	.01211	42.346	.38767	.10921	.32158	232.32	3.6257	61.931

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22992	-.00067	2.0439	.41200	.77673	40.028	.00572	.01298
Stddev	.00365	.00031	.0167	.00422	.01222	.120	.00099	.00061
%RSD	1.5868	45.796	.81529	1.0234	1.5731	.29971	17.325	4.7035
#1	.22734	-.00088	2.0556	.41498	.78537	40.113	.00643	.01342
#2	.23250	-.00045	2.0321	.40902	.76809	39.943	.00502	.01255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.7693	6.1741	.03931	11.606	z*****
Stddev	.0063	.0515	.00044	.013	-----
%RSD	.35331	.83428	1.1142	.11159	-----
#1	1.7648	6.2105	.03900	11.615	z 4681.2
#2	1.7737	6.1377	.03962	11.597	z 4721.3

Sample Name: A3852-05 Acquired: 8/10/2009 16:40:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.06	269.25	5605.7	9915.4	631.24
Stddev	3.97	.41	4.8	42.6	.45
%RSD	2.3772	.15320	.08614	.42946	.07057
#1	164.25	268.95	5602.3	9885.2	630.93
#2	169.86	269.54	5609.1	9945.5	631.56

Sample Name: A3852-06 Acquired: 8/10/2009 16:47:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01906	-.04007	1.6460	.00204	.00517	80.061	1.5490	.00244
Stddev	.00080	.00173	.0099	.00021	.00333	.009	.0036	.00010
%RSD	4.2143	4.3125	.60200	10.536	64.370	.01167	.23346	4.1480
#1	.01849	-.04129	1.6390	.00188	.00753	80.068	1.5465	.00237
#2	.01963	-.03885	1.6530	.00219	.00282	80.054	1.5516	.00251

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00933	313.89	.26221	.07520	.26021	153.86	2.0785	51.263
Stddev	.00013	.11	.00160	.00003	.00042	.12	.0063	.067
%RSD	1.4053	.03526	.61197	.04071	.15961	.07749	.30368	.13142
#1	.00924	313.81	.26335	.07523	.26050	153.78	2.0829	51.311
#2	.00942	313.97	.26108	.07518	.25991	153.95	2.0740	51.216

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19367	-.00024	2.2578	.30458	.73649	30.676	.00932	.01984
Stddev	.00072	.00065	.0089	.00011	.01947	.009	.00066	.00314
%RSD	.37404	274.45	.39399	.03561	2.6437	.02830	7.0529	15.811
#1	.19418	-.00069	2.2515	.30466	.75026	30.670	.00979	.02205
#2	.19316	.00022	2.2640	.30451	.72272	30.682	.00886	.01762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	10.216	8.6542	.03552	8.0387	z*****
Stddev	.003	.1087	.00139	.0079	-----
%RSD	.02508	1.2563	3.9232	.09849	-----
#1	10.217	8.7310	.03651	8.0443	z 4033.1
#2	10.214	8.5773	.03454	8.0331	z 4075.6

Sample Name: A3852-06 Acquired: 8/10/2009 16:47:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.15	264.52	5522.9	9758.3	633.82
Stddev	4.77	2.28	26.2	38.9	1.37
%RSD	2.9423	.86254	.47503	.39908	.21680
#1	158.78	262.91	5504.4	9730.8	632.85
#2	165.53	266.13	5541.5	9785.8	634.79

Sample Name: A3852-08 Acquired: 8/10/2009 16:53:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01926	-.04454	2.0520	.00510	.00767	89.858	1.7802	.00278
Stddev	.00128	.00438	.0032	.00038	.00175	.240	.0047	.00006
%RSD	6.6291	9.8363	.15353	7.5104	22.857	.26657	.26405	2.2712
#1	.01835	-.04763	2.0497	.00537	.00891	90.027	1.7768	.00274
#2	.02016	-.04144	2.0542	.00483	.00643	89.688	1.7835	.00283

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	52.327	.28475	.09376	.42803	176.71	2.4021	56.673
Stddev	.00014	.237	.00071	.00046	.00067	.10	.0041	.214
%RSD	1.4755	.45254	.24902	.49220	.15686	.05667	.17184	.37845
#1	.00922	52.159	.28525	.09409	.42850	176.64	2.4050	56.522
#2	.00941	52.494	.28425	.09343	.42756	176.78	2.3991	56.825

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25874	-.00054	2.0018	.33473	1.8728	32.330	.00484	.01715
Stddev	.00205	.00065	.0004	.00039	.0125	.077	.00077	.00167
%RSD	.79150	119.93	.01826	.11708	.66928	.23901	15.901	9.7211
#1	.26018	-.00008	2.0015	.33500	1.8639	32.385	.00430	.01833
#2	.25729	-.00100	2.0020	.33445	1.8816	32.276	.00539	.01597

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.2774	5.8489	.08218	8.1344	z*****
Stddev	.0017	.0647	.00074	.0051	-----
%RSD	.13554	1.1057	.90078	.06295	-----
#1	1.2762	5.8032	.08166	8.1381	z 4331.5
#2	1.2786	5.8946	.08271	8.1308	z 4352.8

Sample Name: A3852-08 Acquired: 8/10/2009 16:53:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	172.54	275.70	5740.4	10180.	633.82
Stddev	1.29	1.24	31.8	10.	.63
%RSD	.74628	.44798	.55469	.10144	.09929
#1	173.45	276.57	5717.9	10172.	634.26
#2	171.63	274.83	5762.9	10187.	633.37

Sample Name: A3852-09 Acquired: 8/10/2009 17:00:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	-.04452	1.1640	.00239	.00649	88.937	1.4138	.00400
Stddev	.00186	.00564	.0006	.00168	.00007	.246	.0041	.00007
%RSD	78.788	12.671	.05431	69.983	1.0033	.27688	.28764	1.7350
#1	.00104	-.04053	1.1636	.00121	.00653	88.763	1.4110	.00395
#2	.00367	-.04851	1.1645	.00358	.00644	89.112	1.4167	.00405

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00816	48.321	.20758	.10321	.34299	177.98	2.3377	55.206
Stddev	.00005	.351	.00021	.00101	.00008	1.06	.0144	.325
%RSD	.62277	.72608	.10036	.97387	.02400	.59350	.61532	.58888
#1	.00819	48.073	.20743	.10392	.34305	177.23	2.3275	54.977
#2	.00812	48.569	.20772	.10250	.34293	178.72	2.3478	55.436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24668	-.00025	1.9302	.26175	.94122	55.877	.00151	.00155
Stddev	.00022	.00016	.0083	.00095	.02617	.023	.00075	.00074
%RSD	.08803	62.288	.42746	.36205	2.7805	.04181	49.504	47.630
#1	.24683	-.00014	1.9244	.26108	.95973	55.860	.00098	.00103
#2	.24652	-.00036	1.9361	.26242	.92272	55.893	.00204	.00207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.2179	6.2600	.03039	11.735	z*****
Stddev	.0003	.0245	.00205	.040	-----
%RSD	.02234	.39201	6.7311	.34026	-----
#1	1.2177	6.2426	.02894	11.707	z 6075.0
#2	1.2181	6.2773	.03183	11.763	z 6092.8

Sample Name: A3852-09 Acquired: 8/10/2009 17:00:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.91	269.00	5507.4	9809.0	638.08
Stddev	4.50	.34	2.1	12.5	2.39
%RSD	2.7147	.12530	.03843	.12774	.37493
#1	162.73	268.76	5505.9	9817.9	636.39
#2	169.10	269.24	5508.9	9800.1	639.77

Sample Name: CCV Acquired: 8/10/2009 17:06:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9633	4.7567	4.8580	4.8867	4.8785	9.3870	9.7144	.24375
Stddev	.0271	.0209	.0128	.0180	.0254	.0527	.0391	.00024
%RSD	.54539	.43833	.26403	.36919	.52047	.56109	.40220	.09749
#1	4.9824	4.7419	4.8489	4.8995	4.8964	9.4242	9.6868	.24391
#2	4.9441	4.7714	4.8670	4.8740	4.8605	9.3498	9.7420	.24358

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4657	24.294	.98041	2.4597	1.1853	4.8476	2.4385	23.826
Stddev	.0112	.149	.00269	.0089	.0076	.0138	.0088	.073
%RSD	.45542	.61519	.27457	.36146	.63754	.28414	.35982	.30537
#1	2.4578	24.400	.97851	2.4534	1.1907	4.8573	2.4447	23.877
#2	2.4737	24.189	.98231	2.4659	1.1800	4.8378	2.4323	23.775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4840	1.2252	24.317	2.3439	2.3694	24.307	4.7535	4.7422
Stddev	.0081	.0005	.082	.0058	.0169	.035	.0215	.0279
%RSD	.32499	.04043	.33914	.24618	.71193	.14380	.45171	.58932
#1	2.4783	1.2249	24.375	2.3480	2.3575	24.332	4.7687	4.7620
#2	2.4897	1.2256	24.258	2.3398	2.3813	24.283	4.7383	4.7225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.1722	F4.4818	4.9550	4.8479	zF*****
Stddev	.0103	.0468	.0081	.0181	-----
%RSD	.19952	1.0452	.16288	.37433	-----
#1	5.1650	4.5149	4.9493	4.8607	z 86516.
#2	5.1795	4.4487	4.9608	4.8351	z 87129.

Sample Name: CCV Acquired: 8/10/2009 17:06:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.40	256.41	5267.6	9392.9	643.97
Stddev	.41	1.37	10.5	55.5	1.67
%RSD	.26071	.53472	.20021	.59110	.25903
#1	158.69	255.44	5260.1	9353.6	645.15
#2	158.11	257.38	5275.1	9432.1	642.79

Sample Name: CCB Acquired: 8/10/2009 17:13:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00499	-.01433	-.00223	.00070	.00146	.03048	-.00304	-.00014
Stddev	.00098	.00294	.00324	.00094	.00104	.01097	.00088	.00001
%RSD	19.740	20.519	145.39	134.25	70.810	36.007	28.964	6.2451
#1	-.00568	-.01641	-.00451	.00137	.00220	.03824	-.00241	-.00014
#2	-.00429	-.01225	.00006	.00004	.00073	.02272	-.00366	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00805	-.00199	.00083	-.00072	.00509	.00006	.01044
Stddev	.00013	.00207	.00120	.00080	.00059	.00018	.00004	.00784
%RSD	67.608	25.682	60.376	97.025	82.449	3.5392	57.507	75.090
#1	.00010	.00659	-.00114	.00026	-.00114	.00522	.00004	.00490
#2	.00028	.00952	-.00284	.00140	-.00030	.00497	.00009	.01599

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00045	-.00305	-.00035	-.00034	.00740	.00193	.00470
Stddev	.00002	.00054	.00209	.00065	.00037	.00193	.00053	.00051
%RSD	.85767	121.10	68.482	183.29	110.31	26.024	27.662	10.924
#1	-.00198	.00006	-.00157	.00010	-.00007	.00604	.00155	.00506
#2	-.00196	.00083	-.00452	-.00081	-.00060	.00876	.00231	.00434

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01206	-.00864	.00036	.00133	z*****
Stddev	.00215	.00196	.00291	.00019	-----
%RSD	17.834	22.656	816.58	14.573	-----
#1	-.01358	-.01003	.00241	.00147	z 2243.5
#2	-.01054	-.00726	-.00170	.00119	z 2214.7

Sample Name: CCB Acquired: 8/10/2009 17:13:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.04	254.13	5319.8	9473.1	614.22
Stddev	1.37	1.41	67.6	80.8	3.11
%RSD	.86726	.55556	1.2711	.85275	.50577
#1	159.01	253.13	5272.0	9416.0	612.03
#2	157.07	255.13	5367.6	9530.3	616.42

Sample Name: A3852-07 Acquired: 8/10/2009 17:20:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02272	-.04668	3.4849	.00515	.00735	87.484	1.2742	.00290
Stddev	.00089	.00060	.0021	.00146	.00022	.351	.0002	.00005
%RSD	3.9048	1.2893	.05894	28.414	3.0051	.40090	.01578	1.6217
#1	.02209	-.04626	3.4864	.00412	.00719	87.236	1.2741	.00293
#2	.02334	-.04711	3.4835	.00619	.00751	87.732	1.2743	.00286

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00867	51.561	.24727	.08869	.31760	170.31	2.6697	48.710
Stddev	.00070	.340	.00272	.00045	.00091	.63	.0134	.371
%RSD	8.0435	.66004	1.1009	.50197	.28519	.36861	.50065	.76235
#1	.00817	51.320	.24534	.08838	.31696	169.87	2.6603	48.448
#2	.00916	51.801	.24919	.08901	.31824	170.76	2.6792	48.973

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24322	-.00009	2.2269	.36202	.86419	26.036	.00528	.01440
Stddev	.00096	.00026	.0079	.00345	.01173	.050	.00037	.00075
%RSD	.39281	295.74	.35518	.95378	1.3574	.19323	6.9203	5.2034
#1	.24255	.00010	2.2325	.35957	.87248	26.072	.00554	.01387
#2	.24390	-.00027	2.2213	.36446	.85590	26.001	.00502	.01493

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.4218	5.4889	.05214	7.5555	z*****
Stddev	.0011	.0186	.00014	.0255	-----
%RSD	.07941	.33921	.26778	.33766	-----
#1	1.4210	5.4758	.05224	7.5375	z 4204.6
#2	1.4226	5.5021	.05204	7.5735	z 4224.8

Sample Name: A3852-07 Acquired: 8/10/2009 17:20:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.65	272.81	5658.6	10066.	629.97
Stddev	2.37	1.50	5.2	24.	1.60
%RSD	1.4320	.54863	.09168	.24278	.25405
#1	163.98	271.75	5662.3	10084.	628.84
#2	167.33	273.87	5655.0	10049.	631.10

Sample Name: A3852-07D Acquired: 8/10/2009 17:26:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02199	-.04585	3.4656	.00371	.00749	85.941	1.2574	.00285
Stddev	.00023	.00509	.0088	.00007	.00081	.077	.0011	.00005
%RSD	1.0505	11.098	.25375	1.9594	10.821	.09016	.08863	1.7653
#1	.02183	-.04225	3.4594	.00376	.00692	85.886	1.2566	.00281
#2	.02216	-.04945	3.4718	.00366	.00806	85.996	1.2582	.00288

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00920	51.140	.24711	.08750	.31081	168.25	2.6424	48.089
Stddev	.00030	.005	.00062	.00138	.00030	.55	.0089	.154
%RSD	3.2547	.00913	.25029	1.5761	.09493	.32524	.33724	.32047
#1	.00941	51.144	.24668	.08653	.31060	167.86	2.6361	47.980
#2	.00898	51.137	.24755	.08848	.31101	168.64	2.6487	48.198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24052	.00013	2.1965	.35470	.84608	25.663	.00519	.01496
Stddev	.00312	.00010	.0032	.00111	.00322	.056	.00014	.00098
%RSD	1.2971	76.056	.14608	.31263	.38021	.21693	2.6706	6.5815
#1	.23831	.00006	2.1943	.35391	.84381	25.624	.00529	.01565
#2	.24272	.00020	2.1988	.35548	.84836	25.702	.00509	.01426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.4260	5.3460	.05287	7.4654	z*****
Stddev	.0071	.0371	.00279	.0366	-----
%RSD	.49844	.69331	5.2717	.49075	-----
#1	1.4209	5.3198	.05484	7.4395	z 4216.7
#2	1.4310	5.3722	.05090	7.4913	z 4218.8

Sample Name: A3852-07D Acquired: 8/10/2009 17:26:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.12	272.63	5735.4	10218.	630.87
Stddev	.25	.04	12.5	2.	1.64
%RSD	.14691	.01643	.21734	.02089	.26041
#1	168.95	272.66	5744.3	10220.	629.71
#2	169.30	272.60	5726.6	10217.	632.03

Sample Name: A3852-07L Acquired: 8/10/2009 17:33:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.03509	.68173	.00390	.00483	17.362	.27016	.00053
Stddev	.00027	.00059	.00047	.00024	.00131	.037	.00087	.00010
%RSD	15.896	1.6763	.06869	6.2417	27.237	.21295	.32273	18.169
#1	-.00151	-.03551	.68206	.00373	.00576	17.388	.26955	.00046
#2	-.00189	-.03468	.68140	.00408	.00390	17.336	.27078	.00060

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	11.361	.05196	.01788	.06502	38.208	.59237	10.487
Stddev	.00024	.006	.00214	.00025	.00050	.173	.00016	.050
%RSD	49.783	.05211	4.1181	1.4119	.76455	.45244	.02741	.47717
#1	.00066	11.357	.05045	.01770	.06466	38.086	.59225	10.452
#2	.00032	11.365	.05348	.01806	.06537	38.331	.59248	10.523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04610	-.00006	.47498	.07771	.18508	5.6582	.00151	.00425
Stddev	.00052	.00067	.00285	.00043	.00249	.0197	.00048	.00026
%RSD	1.1254	1045.1	.60092	.55719	1.3434	.34810	31.471	6.0918
#1	.04574	.00041	.47296	.07740	.18684	5.6443	.00118	.00443
#2	.04647	-.00054	.47700	.07801	.18333	5.6722	.00185	.00406

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.29809	1.1762	.00829	1.6551	z*****
Stddev	.00025	.0034	.00164	.0042	-----
%RSD	.08321	.29270	19.728	.25165	-----
#1	.29826	1.1786	.00713	1.6521	z 2621.0
#2	.29791	1.1738	.00944	1.6580	z 2618.5

Sample Name: A3852-07L Acquired: 8/10/2009 17:33:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.36	258.28	5465.9	9759.6	628.14
Stddev	2.10	.23	25.7	4.1	2.09
%RSD	1.2870	.08761	.46927	.04219	.33284
#1	161.87	258.12	5484.1	9762.5	626.66
#2	164.84	258.44	5447.8	9756.7	629.62

Sample Name: A3852-07S Acquired: 8/10/2009 17:39:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70134	1.8793	4.3801	1.3690	.67586	89.136	1.4513	.17433	.20738
Stddev	.00692	.0115	.0000	.0085	.00416	.091	.0089	.00001	.00002
%RSD	.98610	.61065	.00095	.62316	.61535	.10235	.61342	.00831	.00745
#1	.70623	1.8875	4.3802	1.3751	.67880	89.072	1.4575	.17432	.20737
#2	.69645	1.8712	4.3801	1.3630	.67292	89.201	1.4450	.17434	.20739

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.393	.59831	.28602	.57942	171.88	2.8267	50.171	.74189	.06633
Stddev	.061	.00409	.00023	.00161	.46	.0103	.237	.00405	.00060
%RSD	.11733	.68311	.08015	.27815	.26508	.36400	.47274	.54624	.90992
#1	52.436	.59542	.28618	.58056	171.56	2.8194	50.003	.74475	.06676
#2	52.349	.60120	.28586	.57828	172.20	2.8339	50.339	.73902	.06591

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9046	.62259	1.0009	34.598	.34644	.26657	1.3963	6.2116	.72606
Stddev	.0344	.00634	.0007	.108	.00055	.00135	.0000	.0004	.00216
%RSD	.70220	1.0187	.07282	.31198	.15783	.50663	.00152	.00593	.29722
#1	4.9290	.61810	1.0014	34.675	.34683	.26752	1.3963	6.2113	.72759
#2	4.8802	.62707	1.0004	34.522	.34606	.26561	1.3963	6.2118	.72454

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	7.6457	z*****
Stddev	.0045	-----
%RSD	.05867	-----
#1	7.6426	z 7678.4
#2	7.6489	z 7645.6

Sample Name: A3852-07S Acquired: 8/10/2009 17:39:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.23	271.92	5717.5	9973.8	631.97
Stddev	.78	1.03	28.0	13.8	.81
%RSD	.46649	.37707	.49057	.13803	.12755
#1	167.67	271.19	5737.3	9964.0	631.40
#2	168.78	272.64	5697.7	9983.5	632.54

Sample Name: A3852-07SD Acquired: 8/10/2009 17:46:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70061	1.8799	4.3561	1.3634	.63648	88.741	1.4430	.17299	.20643
Stddev	.00297	.0027	.0060	.0006	.00146	.062	.0168	.00105	.00060
%RSD	.42428	.14374	.13692	.04212	.22866	.06963	1.1651	.60629	.29020
#1	.69851	1.8818	4.3603	1.3638	.63751	88.784	1.4311	.17225	.20686
#2	.70271	1.8780	4.3519	1.3630	.63545	88.697	1.4549	.17374	.20601

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.774	.59978	.28305	.57543	169.87	2.7992	49.530	.74373	.06632
Stddev	.229	.00193	.00056	.00170	.29	.0056	.151	.00244	.00031
%RSD	.44137	.32204	.19939	.29520	.16831	.19914	.30410	.32808	.46858
#1	51.613	.60115	.28345	.57423	169.66	2.7953	49.423	.74546	.06654
#2	51.936	.59842	.28265	.57664	170.07	2.8031	49.636	.74201	.06610

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8914	.61795	.98769	34.515	.32512	.26118	1.3870	6.0336	.68644
Stddev	.0479	.00070	.01085	.229	.00042	.00050	.0024	.1252	.00144
%RSD	.97962	.11395	1.0986	.66222	.12804	.19308	.17629	2.0748	.20909
#1	4.8575	.61845	.98001	34.353	.32482	.26154	1.3888	5.9451	.68542
#2	4.9253	.61745	.99536	34.676	.32541	.26082	1.3853	6.1221	.68745

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	7.5854	z*****
Stddev	.0208	-----
%RSD	.27474	-----
#1	7.5706	z 7660.5
#2	7.6001	z 7713.5

Sample Name: A3852-07SD Acquired: 8/10/2009 17:46:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.69	273.03	5730.3	10044.	634.17
Stddev	1.84	.23	35.4	22.	1.75
%RSD	1.0928	.08460	.61762	.22131	.27541
#1	170.00	272.86	5705.3	10060.	632.94
#2	167.39	273.19	5755.3	10029.	635.41

Sample Name: A3852-07A Acquired: 8/10/2009 17:52:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70683	1.9084	4.3707	1.3905	.00604	89.976	1.4562	.17601	.20917
Stddev	.00147	.0093	.0011	.0057	.00008	.607	.0081	.00024	.00100
%RSD	.20787	.48744	.02422	.41186	1.3913	.67411	.55409	.13455	.47927
#1	.70579	1.9150	4.3699	1.3946	.00610	90.404	1.4619	.17618	.20846
#2	.70787	1.9018	4.3714	1.3865	.00598	89.547	1.4505	.17585	.20988

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.038	.60564	.28686	.58359	171.75	2.8340	50.125	.74713	.06821
Stddev	.075	.00300	.00129	.00157	.15	.0031	.056	.00061	.00012
%RSD	.14397	.49465	.45112	.26851	.08996	.11069	.11259	.08134	.18174
#1	52.091	.60352	.28594	.58470	171.86	2.8362	50.164	.74670	.06812
#2	51.985	.60776	.28777	.58248	171.65	2.8317	50.085	.74756	.06830

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9592	.62614	.99079	35.016	.00498	.26782	1.4014	5.3675	.05087
Stddev	.0350	.00446	.01556	.077	.00115	.00012	.0077	.0614	.00022
%RSD	.70489	.71303	1.5701	.22088	23.185	.04580	.55330	1.1438	.43602
#1	4.9839	.62930	1.0018	35.071	.00579	.26790	1.3959	5.4109	.05071
#2	4.9344	.62299	.97979	34.961	.00416	.26773	1.4069	5.3240	.05103

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	7.5099	z*****
Stddev	.0036	-----
%RSD	.04757	-----
#1	7.5073	z 7746.7
#2	7.5124	z 7737.4

Sample Name: A3852-07A Acquired: 8/10/2009 17:52:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.05	273.31	5702.2	9992.8	635.05
Stddev	3.61	.25	1.8	54.8	.23
%RSD	2.1367	.09141	.03153	.54842	.03600
#1	166.49	273.14	5700.9	9954.0	634.89
#2	171.60	273.49	5703.4	10032.	635.21

Sample Name: A3855-01 Acquired: 8/10/2009 17:59:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06904	-.05120	.08971	.00761	.01175	21.725	.11672	.00195
Stddev	.00130	.00160	.00044	.00127	.00297	.052	.00024	.00003
%RSD	1.8879	3.1194	.48693	16.627	25.279	.23995	.20732	1.6182
#1	.06812	-.05232	.09002	.00851	.00965	21.762	.11655	.00193
#2	.06997	-.05007	.08940	.00672	.01386	21.688	.11690	.00197

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	3.6693	.03630	.05179	.09782	58.463	1.1484	7.0700
Stddev	.00001	.0127	.00022	.00147	.00000	.012	.0014	.0115
%RSD	.97011	.34489	.60488	2.8342	.00345	.02091	.11752	.16239
#1	.00116	3.6604	.03615	.05282	.09782	58.454	1.1474	7.0619
#2	.00115	3.6783	.03646	.05075	.09783	58.472	1.1493	7.0782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08468	-.00015	2.0013	.06967	.25599	2.0936	.01124	.00230
Stddev	.00101	.00043	.0069	.00116	.00025	.0025	.00123	.00057
%RSD	1.1920	279.77	.34720	1.6653	.09738	.12090	10.926	24.958
#1	.08539	.00015	2.0063	.07049	.25616	2.0918	.01037	.00189
#2	.08397	-.00046	1.9964	.06885	.25581	2.0954	.01211	.00270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.77129	4.1508	.00481	.85786	z*****
Stddev	.00484	.0169	.00329	.00398	-----
%RSD	.62765	.40676	68.326	.46417	-----
#1	.76787	4.1627	.00249	.85505	z 3213.8
#2	.77471	4.1388	.00713	.86068	z 3241.1

Sample Name: A3855-01 Acquired: 8/10/2009 17:59:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.09	269.35	5629.7	10002.	634.03
Stddev	.95	1.85	22.5	24.	.91
%RSD	.56910	.68782	.39957	.24055	.14350
#1	165.42	268.04	5613.8	9985.4	633.38
#2	166.76	270.66	5645.6	10019.	634.67

Sample Name: A3855-02 Acquired: 8/10/2009 18:05:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32625	-.04459	.14012	.00491	.00941	105.28	.07140	.00396
Stddev	.00018	.00034	.00061	.00058	.00216	.09	.00071	.00002
%RSD	.05631	.76012	.43303	11.845	22.982	.08686	.99130	.56205
#1	.32638	-.04435	.14055	.00450	.00788	105.34	.07190	.00398
#2	.32612	-.04483	.13969	.00532	.01094	105.21	.07090	.00395

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	8.6791	.16143	.06803	.34561	258.91	1.9807	37.626
Stddev	.00002	.0323	.00112	.00146	.00258	.60	.0023	.213
%RSD	.22640	.37253	.69110	2.1474	.74640	.23317	.11393	.56579
#1	.00830	8.6563	.16222	.06907	.34379	259.33	1.9823	37.476
#2	.00832	8.7020	.16064	.06700	.34744	258.48	1.9791	37.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26637	-.00077	1.3791	.11304	.55695	1.2104	.00516	-.01165
Stddev	.00019	.00012	.0077	.00073	.00259	.0042	.00068	.00062
%RSD	.07292	16.108	.56188	.64746	.46552	.34271	13.097	5.3382
#1	.26624	-.00068	1.3736	.11355	.55878	1.2134	.00469	-.01209
#2	.26651	-.00085	1.3845	.11252	.55512	1.2075	.00564	-.01121

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.35877	9.1293	.00419	.11138	z*****
Stddev	.00712	.0145	.00065	.00155	-----
%RSD	1.9847	.15899	15.592	1.3923	-----
#1	.36380	9.1190	.00465	.11247	z 8418.6
#2	.35373	9.1395	.00372	.11028	z 8473.1

Sample Name: A3855-02 Acquired: 8/10/2009 18:05:59 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.92	262.17	5421.6	9624.8	634.16
Stddev	1.42	.57	21.1	23.4	.89
%RSD	.86859	.21847	.38908	.24306	.14049
#1	161.92	261.77	5406.7	9608.3	633.53
#2	163.92	262.58	5436.5	9641.4	634.79

Sample Name: A3855-03 Acquired: 8/10/2009 18:12:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06571	-.04888	.16853	.00661	.00713	37.672	.15102	.00247
Stddev	.00172	.00138	.00546	.00028	.00041	.103	.00015	.00003
%RSD	2.6236	2.8146	3.2426	4.2674	5.7196	.27310	.10118	1.2337
#1	.06693	-.04986	.16467	.00681	.00742	37.744	.15091	.00249
#2	.06449	-.04791	.17239	.00641	.00685	37.599	.15113	.00245

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	5.4686	.07641	.06103	.19299	184.29	1.4865	12.167
Stddev	.00044	.0079	.00080	.00083	.00041	.03	.0011	.003
%RSD	7.9787	.14411	1.0470	1.3620	.21274	.01730	.07404	.02283
#1	.00514	5.4631	.07585	.06044	.19328	184.31	1.4857	12.169
#2	.00576	5.4742	.07698	.06162	.19270	184.26	1.4873	12.165

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10580	-.00161	1.1200	.09656	.27790	1.7073	.01089	-.00401
Stddev	.00057	.00041	.0022	.00128	.00037	.0020	.00011	.00141
%RSD	.53743	25.735	.19820	1.3277	.13425	.11824	1.0350	35.162
#1	.10540	-.00191	1.1184	.09747	.27817	1.7059	.01081	-.00501
#2	.10620	-.00132	1.1216	.09566	.27764	1.7088	.01097	-.00302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.4042	5.4674	.00992	.83372	z*****
Stddev	.0002	.0753	.00239	.00022	-----
%RSD	.01382	1.3774	24.124	.02657	-----
#1	1.4043	5.5207	.01161	.83388	z 4063.0
#2	1.4040	5.4142	.00823	.83356	z 4091.4

Sample Name: A3855-03 Acquired: 8/10/2009 18:12:34 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	170.18	274.37	5672.2	10167.	629.25
Stddev	1.24	2.54	1.3	34.	.19
%RSD	.73098	.92693	.02347	.33620	.02959
#1	169.30	276.17	5673.1	10143.	629.38
#2	171.06	272.57	5671.3	10191.	629.12

Sample Name: A3855-04 Acquired: 8/10/2009 18:19:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20176	-.04631	.14266	.00236	.01315	96.657	.09831	.00438
Stddev	.00013	.00545	.00155	.00035	.00083	.229	.00016	.00010
%RSD	.06434	11.759	1.0842	14.728	6.3267	.23730	.16475	2.3583
#1	.20185	-.04246	.14157	.00261	.01374	96.820	.09843	.00431
#2	.20166	-.05016	.14376	.00212	.01256	96.495	.09820	.00445

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01209	16.061	.20448	.14135	.20417	276.47	2.6876	31.571
Stddev	.00017	.069	.00409	.00101	.00125	.32	.0045	.172
%RSD	1.3922	.42699	1.9989	.71497	.61032	.11601	.16861	.54507
#1	.01197	16.110	.20159	.14063	.20505	276.70	2.6908	31.693
#2	.01221	16.013	.20737	.14206	.20329	276.25	2.6844	31.449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22403	-.00178	1.2344	.26754	.49330	1.5104	.01260	-.01248
Stddev	.00032	.00020	.0134	.00116	.00197	.0072	.00076	.00044
%RSD	.14452	10.996	1.0828	.43450	.39902	.47411	5.9939	3.5359
#1	.22426	-.00192	1.2439	.26672	.49469	1.5155	.01206	-.01279
#2	.22381	-.00164	1.2249	.26837	.49191	1.5054	.01313	-.01217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.22335	8.6985	.00403	.45139	z*****
Stddev	.00549	.1093	.00113	.00187	-----
%RSD	2.4569	1.2567	27.907	.41366	-----
#1	.21947	8.7758	.00324	.45271	z 7152.5
#2	.22723	8.6212	.00483	.45006	z 7163.9

Sample Name: A3855-04 Acquired: 8/10/2009 18:19:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.17	272.31	5643.0	10077.	629.55
Stddev	.71	.30	13.7	41.	.76
%RSD	.41938	.10993	.24321	.40696	.12093
#1	168.67	272.52	5652.7	10048.	630.09
#2	169.67	272.10	5633.3	10106.	629.01

Sample Name: CCV Acquired: 8/10/2009 18:25:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9183	4.7063	4.8040	4.8271	4.8400	9.2743	9.6267	.24123
Stddev	.0234	.0080	.0164	.0228	.0229	.0512	.0775	.00058
%RSD	.47637	.17039	.34052	.47268	.47264	.55203	.80537	.23946
#1	4.9018	4.7006	4.8156	4.8109	4.8239	9.2381	9.5718	.24083
#2	4.9349	4.7120	4.7925	4.8432	4.8562	9.3105	9.6815	.24164

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4333	24.014	.97101	2.4388	1.1772	4.7657	2.4102	23.491
Stddev	.0002	.041	.00714	.0021	.0028	.0034	.0031	.098
%RSD	.00865	.17231	.73534	.08506	.23897	.07102	.12854	.41715
#1	2.4335	24.043	.96596	2.4402	1.1752	4.7633	2.4080	23.421
#2	2.4332	23.984	.97605	2.4373	1.1792	4.7681	2.4124	23.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4667	1.2216	24.223	2.3094	2.3191	24.157	4.6954	4.6652
Stddev	.0024	.0029	.059	.0067	.0083	.108	.0125	.0083
%RSD	.09763	.23389	.24543	.29228	.35964	.44657	.26541	.17789
#1	2.4650	1.2196	24.265	2.3046	2.3250	24.081	4.6866	4.6594
#2	2.4684	1.2236	24.181	2.3142	2.3132	24.233	4.7042	4.6711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.1489	F4.4777	4.9126	4.8091	zF*****
Stddev	.0075	.0292	.0015	.0163	-----
%RSD	.14653	.65299	.03060	.33831	-----
#1	5.1435	4.4570	4.9115	4.7976	z 87719.
#2	5.1542	4.4983	4.9136	4.8207	z 87358.

Sample Name: CCV Acquired: 8/10/2009 18:25:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.73	258.83	5303.9	9481.8	648.45
Stddev	.01	1.12	24.4	12.0	.36
%RSD	.00430	.43442	.46060	.12691	.05609
#1	159.74	259.63	5321.2	9490.3	648.71
#2	159.73	258.04	5286.7	9473.3	648.20

Sample Name: CCB Acquired: 8/10/2009 18:32:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00629	-.02103	-.00268	.00195	.00346	.02412	-.00364	-.00015
Stddev	.00019	.00441	.00001	.00293	.00125	.00238	.00134	.00001
%RSD	3.0761	20.977	.43226	150.36	36.117	9.8891	36.967	5.0241
#1	-.00616	-.01791	-.00269	.00402	.00434	.02580	-.00269	-.00016
#2	-.00643	-.02415	-.00268	-.00012	.00258	.02243	-.00459	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00014	-.00072	.00054	-.00128	-.00092	-.00011	-.00983
Stddev	.00063	.00007	.00011	.00029	.00034	.00188	.00012	.00659
%RSD	754.35	49.383	14.646	54.205	26.382	203.95	104.45	67.046
#1	-.00053	.00009	-.00079	.00075	-.00152	.00041	-.00019	-.01449
#2	.00036	.00019	-.00064	.00033	-.00104	-.00225	-.00003	-.00517

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00042	-.00735	-.00050	-.00066	-.00063	.00172	.00555
Stddev	.00008	.00025	.00010	.00006	.00026	.00676	.00006	.00105
%RSD	6.0476	61.026	1.2995	11.788	39.022	1066.5	3.4814	18.869
#1	-.00131	-.00024	-.00728	-.00054	-.00048	-.00542	.00177	.00481
#2	-.00121	-.00059	-.00742	-.00045	-.00084	.00415	.00168	.00629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01817	-.00349	.00008	.00016	z*****
Stddev	.00078	.01298	.00117	.00007	-----
%RSD	4.2678	371.64	1440.8	46.767	-----
#1	-.01763	.00569	.00091	.00010	z 2228.8
#2	-.01872	-.01267	-.00075	.00021	z 2214.8

Sample Name: CCB Acquired: 8/10/2009 18:32:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.22	256.29	5351.3	9585.1	614.68
Stddev	1.75	.18	26.6	77.5	.20
%RSD	1.0832	.07174	.49766	.80834	.03259
#1	159.98	256.42	5332.4	9530.3	614.82
#2	162.45	256.16	5370.1	9639.8	614.54

Sample Name: A3855-05 Acquired: 8/10/2009 18:38:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07351	-.04743	.07705	.00391	.00733	63.964	.05246	.00287
Stddev	.00230	.00385	.00410	.00004	.00069	.157	.00038	.00013
%RSD	3.1277	8.1063	5.3170	.99840	9.3874	.24618	.72017	4.3990
#1	.07514	-.05015	.07416	.00394	.00782	64.075	.05273	.00296
#2	.07189	-.04471	.07995	.00388	.00684	63.852	.05219	.00278

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00709	2.0126	.12300	.10083	.15951	227.20	1.3870	20.892
Stddev	.00008	.0138	.00079	.00209	.00053	.03	.0007	.020
%RSD	1.0922	.68492	.64384	2.0685	.33416	.01419	.04987	.09380
#1	.00704	2.0223	.12356	.09935	.15913	227.18	1.3875	20.906
#2	.00715	2.0028	.12244	.10230	.15988	227.23	1.3865	20.878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22639	-.00122	1.0673	.09066	.36179	1.2961	.00055	-.00739
Stddev	.00086	.00003	.0065	.00021	.00123	.0040	.00076	.00030
%RSD	.37900	2.3553	.60793	.23138	.34032	.30676	136.33	4.0620
#1	.22579	-.00120	1.0719	.09081	.36266	1.2989	.00109	-.00760
#2	.22700	-.00124	1.0627	.09051	.36092	1.2933	.00002	-.00718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.15805	6.8532	.00282	.43313	z*****
Stddev	.00228	.0203	.00047	.00176	-----
%RSD	1.4414	.29612	16.555	.40738	-----
#1	.15644	6.8676	.00249	.43188	z 5185.3
#2	.15966	6.8389	.00315	.43438	z 5198.3

Sample Name: A3855-05 Acquired: 8/10/2009 18:38:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.61	261.57	5438.5	9701.1	631.01
Stddev	1.30	.34	7.5	32.1	.19
%RSD	.79895	.12976	.13796	.33099	.02988
#1	161.69	261.33	5443.8	9678.4	631.15
#2	163.53	261.81	5433.2	9723.8	630.88

Sample Name: A3855-06 Acquired: 8/10/2009 18:45:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14437	-.04487	.15636	.00228	.00760	92.535	.04309	.00255
Stddev	.00214	.00141	.00262	.00093	.00128	.558	.00037	.00009
%RSD	1.4813	3.1350	1.6768	40.822	16.906	.60296	.86858	3.4754
#1	.14588	-.04387	.15450	.00162	.00851	92.930	.04336	.00261
#2	.14286	-.04586	.15821	.00294	.00669	92.141	.04283	.00248

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00752	19.569	.15118	.09667	.17469	235.88	1.3449	33.306
Stddev	.00019	.060	.00185	.00076	.00117	.62	.0008	.026
%RSD	2.5884	.30902	1.2221	.78486	.66924	.26177	.05636	.07882
#1	.00738	19.611	.14988	.09613	.17551	236.32	1.3443	33.288
#2	.00766	19.526	.15249	.09720	.17386	235.45	1.3454	33.325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26428	-.00081	1.2241	.11316	.38400	.81906	.00119	-.00796
Stddev	.00027	.00032	.0054	.00026	.00734	.01577	.00001	.00133
%RSD	.10098	39.946	.44197	.22668	1.9122	1.9249	1.2229	16.743
#1	.26409	-.00058	1.2279	.11298	.38919	.80791	.00118	-.00702
#2	.26447	-.00104	1.2203	.11334	.37881	.83021	.00120	-.00890

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.17251	9.1766	.00108	.19391	z*****
Stddev	.00044	.0907	.00062	.00633	-----
%RSD	.25700	.98798	57.992	3.2666	-----
#1	.17283	9.2407	.00152	.18943	z 6980.7
#2	.17220	9.1125	.00064	.19839	z 6948.9

Sample Name: A3855-06 Acquired: 8/10/2009 18:45:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.37	267.48	5506.8	9758.6	631.80
Stddev	2.20	1.26	16.4	50.4	.73
%RSD	1.3443	.46968	.29777	.51639	.11565
#1	161.82	266.59	5495.2	9723.0	632.32
#2	164.93	268.37	5518.4	9794.3	631.29

Sample Name: A3855-07 Acquired: 8/10/2009 18:52:07 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08187	-.05199	.13002	.00347	.00729	58.594	.05723	.00208
Stddev	.00516	.00551	.00421	.00040	.00093	.195	.00018	.00002
%RSD	6.3087	10.606	3.2353	11.411	12.785	.33320	.31690	1.1497
#1	.08552	-.04809	.12705	.00319	.00663	58.732	.05736	.00206
#2	.07822	-.05589	.13299	.00375	.00795	58.456	.05710	.00209

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	5.4191	.09148	.05255	.11129	268.06	1.2650	18.620
Stddev	.00016	.0420	.00014	.00094	.00045	.75	.0010	.079
%RSD	2.2359	.77441	.14899	1.7840	.40685	.27851	.07910	.42511
#1	.00691	5.4487	.09138	.05189	.11161	268.59	1.2658	18.676
#2	.00713	5.3894	.09157	.05321	.11097	267.53	1.2643	18.564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10466	-.00083	1.2297	.10456	.25985	1.1314	.00652	-.00817
Stddev	.00167	.00035	.0080	.00198	.00132	.0303	.00018	.00045
%RSD	1.5982	42.243	.64790	1.8952	.50717	2.6771	2.7756	5.5434
#1	.10348	-.00108	1.2353	.10596	.26078	1.1528	.00639	-.00785
#2	.10584	-.00058	1.2241	.10315	.25891	1.1100	.00665	-.00849

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.3724	6.2985	.02487	.32761	z*****
Stddev	.0100	.1092	.00119	.00098	-----
%RSD	.73019	1.7329	4.7720	.29901	-----
#1	1.3654	6.3757	.02571	.32831	z 4614.0
#2	1.3795	6.2213	.02403	.32692	z 4616.0

Sample Name: A3855-07 Acquired: 8/10/2009 18:52:07 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.09	258.09	5383.3	9592.1	627.10
Stddev	1.52	.11	23.1	60.9	2.61
%RSD	.93512	.04384	.42928	.63515	.41570
#1	161.02	258.01	5366.9	9549.0	628.94
#2	163.16	258.17	5399.6	9635.2	625.26

Sample Name: A3845-01 Acquired: 8/10/2009 18:58:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00573	-.04819	.05982	.00389	.00703	78.734	1.1862	.00208
Stddev	.00055	.00751	.00179	.00074	.00068	.202	.0110	.00007
%RSD	9.6036	15.588	2.9878	18.980	9.6855	.25711	.92344	3.3056
#1	-.00534	-.05350	.06108	.00337	.00751	78.591	1.1939	.00203
#2	-.00612	-.04287	.05855	.00442	.00655	78.877	1.1784	.00213

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00758	27.839	.23701	.08135	.16795	159.72	1.9684	45.031
Stddev	.00039	.040	.00236	.00136	.00108	.43	.0069	.041
%RSD	5.0780	.14269	.99374	1.6721	.64015	.27050	.34866	.09093
#1	.00786	27.811	.23535	.08039	.16871	159.41	1.9635	45.002
#2	.00731	27.867	.23868	.08232	.16719	160.03	1.9732	45.060

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15686	-.00193	1.5071	.34382	.43634	56.651	.00210	.00462
Stddev	.00137	.00037	.0132	.00244	.00324	.106	.00051	.00052
%RSD	.87222	19.285	.87490	.71064	.74271	.18650	24.331	11.232
#1	.15783	-.00219	1.5164	.34555	.43863	56.726	.00246	.00498
#2	.15589	-.00167	1.4978	.34209	.43404	56.576	.00174	.00425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.118	4.8070	.00937	13.307	z*****
Stddev	.003	.0365	.00033	.005	-----
%RSD	.02250	.75845	3.4789	.03566	-----
#1	11.120	4.8328	.00914	13.310	z 6894.5
#2	11.116	4.7813	.00960	13.303	z 6852.0

Sample Name: A3845-01 Acquired: 8/10/2009 18:58:44 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	170.32	274.96	5650.9	10092.	643.32
Stddev	1.01	1.94	16.9	34.	.46
%RSD	.59383	.70551	.29940	.33895	.07181
#1	169.60	273.58	5638.9	10067.	643.00
#2	171.03	276.33	5662.9	10116.	643.65

Sample Name: A3846-01 Acquired: 8/10/2009 19:05:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00737	-.04807	.07776	.00251	.00675	95.743	1.4385	.00284
Stddev	.00311	.00264	.00040	.00042	.00128	.437	.0002	.00001
%RSD	42.189	5.4953	.51792	16.568	18.976	.45653	.01199	.47988
#1	-.00957	-.04620	.07804	.00280	.00584	95.434	1.4386	.00283
#2	-.00517	-.04994	.07748	.00222	.00765	96.052	1.4384	.00285

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	39.189	.27395	.10037	.16848	189.28	2.5297	55.670
Stddev	.00002	.032	.00048	.00061	.00152	.53	.0104	.191
%RSD	.19323	.08246	.17677	.61148	.90113	.27926	.40906	.34393
#1	.00985	39.166	.27360	.09994	.16955	188.91	2.5223	55.535
#2	.00988	39.212	.27429	.10080	.16741	189.65	2.5370	55.806

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19167	-.00232	1.2581	.38731	.49140	67.322	.00215	.00036
Stddev	.00010	.00005	.0056	.00016	.00247	.122	.00041	.00086
%RSD	.05095	2.1429	.44086	.04250	.50357	.18061	19.196	240.40
#1	.19160	-.00229	1.2620	.38742	.49315	67.236	.00185	.00097
#2	.19174	-.00236	1.2541	.38719	.48965	67.408	.00244	-.00025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	15.686	6.3123	.00790	16.165	z*****
Stddev	.038	.0398	.00101	.049	-----
%RSD	.23920	.63008	12.831	.30095	-----
#1	15.713	6.3404	.00861	16.130	z 7917.2
#2	15.660	6.2842	.00718	16.199	z 7907.3

Sample Name: A3846-01 Acquired: 8/10/2009 19:05:20 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	171.77	286.99	5853.1	10355.	642.71
Stddev	1.27	1.20	9.8	7.	2.94
%RSD	.73854	.41886	.16701	.06933	.45768
#1	170.87	286.14	5846.2	10350.	640.63
#2	172.67	287.84	5860.0	10360.	644.79

Sample Name: A3847-01 Acquired: 8/10/2009 19:11:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.04808	.08734	.00152	.00651	116.73	1.8064	.00333
Stddev	.00129	.00519	.00502	.00229	.00219	.73	.0067	.00004
%RSD	62.874	10.786	5.7490	151.00	33.692	.62285	.36963	1.3315
#1	-.00297	-.05175	.08379	.00314	.00496	117.25	1.8111	.00330
#2	-.00114	-.04442	.09089	-.00010	.00806	116.22	1.8017	.00336

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01486	41.507	.30000	.11834	.33305	231.83	2.9361	64.873
Stddev	.00008	.156	.00108	.00106	.00044	.12	.0095	.121
%RSD	.50890	.37509	.35973	.89861	.13152	.05377	.32242	.18639
#1	.01491	41.397	.29923	.11759	.33274	231.74	2.9294	64.788
#2	.01481	41.617	.30076	.11909	.33336	231.92	2.9428	64.959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22314	-.00275	1.4624	.46796	.55802	85.456	.00162	-.00416
Stddev	.00076	.00094	.0022	.00280	.00796	.278	.00028	.00103
%RSD	.34248	34.301	.14736	.59755	1.4265	.32532	17.000	24.846
#1	.22368	-.00342	1.4639	.46994	.56365	85.653	.00182	-.00343
#2	.22260	-.00208	1.4608	.46598	.55239	85.259	.00143	-.00490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	31.990	7.4413	.00777	19.784	z*****
Stddev	.027	.0607	.00099	.021	-----
%RSD	.08504	.81516	12.761	.10658	-----
#1	31.971	7.4842	.00847	19.799	z 9320.2
#2	32.009	7.3984	.00707	19.769	z 9327.1

Sample Name: A3847-01 Acquired: 8/10/2009 19:11:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	175.24	290.37	5996.4	10522.	637.84
Stddev	3.13	.33	25.4	50.	1.10
%RSD	1.7834	.11410	.42398	.47756	.17282
#1	173.03	290.14	5978.4	10487.	637.06
#2	177.45	290.61	6014.4	10558.	638.62

Sample Name: A3856-01X10 Acquired: 8/10/2009 19:18:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01144	-.02759	-.00509	1.9979	.00175	.04502	-.00209	-.00015
Stddev	.00008	.00087	.00067	.0144	.00220	.00065	.00018	.00004
%RSD	.73623	3.1582	13.234	.72303	125.39	1.4370	8.6365	26.620
#1	-.01150	-.02698	-.00557	2.0081	.00331	.04548	-.00221	-.00017
#2	-.01138	-.02821	-.00461	1.9877	.00020	.04456	-.00196	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.77571	-.00065	-.00113	.00360	.05897	.00882	1.2190
Stddev	.00021	.01178	.00025	.00035	.00028	.00594	.00007	.0027
%RSD	75.299	1.5190	37.935	31.135	7.7013	10.075	.83856	.22347
#1	-.00013	.76737	-.00048	-.00138	.00340	.06318	.00877	1.2171
#2	-.00043	.78404	-.00083	-.00088	.00380	.05477	.00887	1.2210

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	.00018	7.8333	.00050	.06278	8.6984	.00248	.00491
Stddev	.00079	.00078	.0096	.00037	.00061	.0118	.00074	.00105
%RSD	127.30	422.80	.12212	74.734	.97354	.13557	29.904	21.398
#1	-.00118	.00074	7.8266	.00023	.06235	8.7068	.00196	.00417
#2	-.00006	-.00037	7.8401	.00076	.06321	8.6901	.00301	.00566

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	3.3203	.26015	.00331	.00136	z*****
Stddev	.0064	.00785	.00078	.00047	-----
%RSD	.19370	3.0182	23.645	34.785	-----
#1	3.3249	.26570	.00276	.00170	z 2120.7
#2	3.3158	.25460	.00387	.00103	z 2109.1

Sample Name: A3856-01X10 Acquired: 8/10/2009 19:18:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	152.95	244.65	5374.2	9498.8	620.93
Stddev	.70	1.66	8.2	20.0	2.06
%RSD	.45519	.67922	.15274	.21020	.33253
#1	153.44	243.47	5368.4	9484.7	619.47
#2	152.46	245.82	5380.0	9512.9	622.39

Sample Name: A3856-02X10 Acquired: 8/10/2009 19:25:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00939	-.02970	-.00290	.00776	.00348	.07548	.00717	-.00021
Stddev	.00050	.00746	.00117	.00005	.00170	.00200	.00035	.00007
%RSD	5.3355	25.122	40.349	.62086	48.695	2.6483	4.8830	33.594
#1	-.00974	-.02442	-.00207	.00773	.00468	.07407	.00692	-.00016
#2	-.00903	-.03497	-.00373	.00780	.00228	.07689	.00742	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	1.7611	-.00107	-.00069	.00656	.05612	.01553	52.447
Stddev	.00021	.0153	.00048	.00087	.00004	.00027	.00012	.108
%RSD	68.519	.86622	44.811	126.39	.65233	.48129	.76963	.20570
#1	-.00016	1.7503	-.00073	-.00131	.00653	.05593	.01544	52.371
#2	-.00045	1.7719	-.00141	-.00007	.00659	.05631	.01561	52.523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00037	2.1499	.00094	.03532	11.639	.00450	.09163
Stddev	.00205	.00050	.0074	.00002	.00114	.022	.00050	.00165
%RSD	577.16	134.32	.34571	2.3198	3.2288	.18482	11.083	1.7989
#1	.00109	-.00073	2.1446	.00095	.03613	11.624	.00415	.09046
#2	-.00180	-.00002	2.1551	.00092	.03452	11.655	.00486	.09279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.1052	.41810	.00252	.00047	z*****
Stddev	.0023	.01556	.00006	.00064	-----
%RSD	.10863	3.7227	2.3780	136.33	-----
#1	2.1036	.40710	.00256	.00002	z 2114.1
#2	2.1069	.42911	.00247	.00092	z 2120.2

Sample Name: A3856-02X10 Acquired: 8/10/2009 19:25:05 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.74	244.55	5292.9	9434.2	628.43
Stddev	1.62	.17	12.8	8.3	.72
%RSD	1.0738	.07036	.24253	.08785	.11402
#1	149.60	244.43	5283.8	9440.1	627.92
#2	151.89	244.67	5301.9	9428.4	628.94

Sample Name: A3856-03X10 Acquired: 8/10/2009 19:31:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01221	-.02467	.00170	.01447	.00175	.08832	.12348	-.00126
Stddev	.00076	.00068	.00081	.00181	.00303	.00295	.00009	.00007
%RSD	6.2590	2.7428	47.602	12.534	173.00	3.3421	.06975	5.6461
#1	-.01275	-.02515	.00113	.01319	.00390	.08623	.12354	-.00131
#2	-.01167	-.02419	.00228	.01575	-.00039	.09041	.12342	-.00121

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	1.8643	.00838	.00267	.00620	.08601	48.648	2.4555
Stddev	.00029	.0133	.00126	.00050	.00020	.00645	.279	.0196
%RSD	280.53	.71461	14.998	18.647	3.2096	7.5025	.57380	.79795
#1	.00010	1.8548	.00927	.00303	.00606	.08145	48.451	2.4416
#2	-.00031	1.8737	.00749	.00232	.00635	.09058	48.846	2.4693

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.00011	2.4851	.00052	.03692	12.014	.00226	.01456
Stddev	.00009	.00014	.0012	.00045	.00052	.036	.00060	.00165
%RSD	11.139	124.38	.04647	87.345	1.4008	.29973	26.725	11.315
#1	.00087	.00001	2.4859	.00020	.03656	12.040	.00269	.01340
#2	.00074	.00021	2.4843	.00084	.03729	11.989	.00183	.01573

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.0262	.28564	-.00048	.00018	z*****
Stddev	.0023	.00169	.00113	.00028	-----
%RSD	.11243	.59237	238.36	159.03	-----
#1	2.0278	.28684	-.00128	-.00002	z 2126.4
#2	2.0246	.28445	.00033	.00038	z 2138.9

Sample Name: A3856-03X10 Acquired: 8/10/2009 19:31:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	151.28	245.12	5297.5	9376.4	623.06
Stddev	1.76	1.39	6.2	26.4	2.31
%RSD	1.1615	.56540	.11618	.28199	.37036
#1	152.53	244.14	5293.2	9357.7	621.42
#2	150.04	246.10	5301.9	9395.1	624.69

Sample Name: A3856-04X10 Acquired: 8/10/2009 19:38:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01310	-.03435	-.00332	.00959	.00205	.07658	.00933	-.00009
Stddev	.00065	.00005	.00260	.00101	.00137	.00154	.00042	.00012
%RSD	4.9982	.13524	78.212	10.493	67.012	2.0162	4.4543	138.63
#1	-.01264	-.03438	-.00148	.00888	.00108	.07767	.00962	.00000
#2	-.01356	-.03432	-.00516	.01031	.00302	.07549	.00904	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	1.8847	-.00106	.00009	.00359	56.585	.17052	1.4390
Stddev	.00009	.0043	.00014	.00034	.00040	.119	.00020	.0034
%RSD	58.170	.22863	13.622	378.74	11.030	.21058	.11509	.23954
#1	.00021	1.8878	-.00096	.00033	.00331	56.669	.17038	1.4366
#2	.00009	1.8817	-.00116	-.00015	.00388	56.500	.17066	1.4415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00039	4.4035	.00105	.05657	11.217	.00287	.00867
Stddev	.00061	.00006	.0245	.00106	.00114	.014	.00067	.00062
%RSD	77.072	15.886	.55582	100.97	2.0110	.12328	23.277	7.1283
#1	-.00122	-.00035	4.4208	.00030	.05737	11.227	.00240	.00911
#2	-.00036	-.00044	4.3861	.00180	.05577	11.207	.00334	.00824

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.9668	.32060	.00158	.00056	z*****
Stddev	.0057	.00150	.00162	.00013	-----
%RSD	.28778	.46873	102.49	22.590	-----
#1	1.9628	.32166	.00273	.00047	z 2092.6
#2	1.9708	.31954	.00044	.00065	z 2105.4

Sample Name: A3856-04X10 Acquired: 8/10/2009 19:38:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	145.90	239.25	5241.4	9273.4	618.85
Stddev	1.22	1.24	28.2	34.6	1.24
%RSD	.83391	.51622	.53742	.37269	.20034
#1	145.04	238.38	5221.5	9248.9	619.73
#2	146.76	240.13	5261.3	9297.8	617.97

Sample Name: CCV Acquired: 8/10/2009 19:45:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0428	4.7628	4.7884	5.1160	5.0085	9.6581	9.5734	.24167	2.3945
Stddev	.0343	.0218	.0068	.0390	.0364	.5062	.5778	.01194	.0057
%RSD	.68046	.45862	.14142	.76237	.72671	5.2409	6.0354	4.9398	.23655
#1	5.0671	4.7782	4.7836	5.1436	5.0342	10.016	9.9819	.25011	2.3905
#2	5.0186	4.7473	4.7932	5.0884	4.9828	9.3001	9.1648	.23323	2.3985

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.049	.97194	2.4197	1.1919	4.6665	2.3305	23.002	2.4341	1.2382
Stddev	.959	.04502	.0010	.0546	.2072	.1080	1.068	.0146	.0622
%RSD	4.1585	4.6321	.04245	4.5853	4.4398	4.6356	4.6448	.59791	5.0264
#1	23.727	1.0038	2.4189	1.2306	4.8130	2.4069	23.758	2.4238	1.2822
#2	22.372	.94011	2.4204	1.1533	4.5200	2.2542	22.247	2.4444	1.1941

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.556	2.3645	2.3625	24.226	4.8296	4.7221	5.1307	4.5558	4.8511
Stddev	1.342	.1141	.1147	1.249	.0336	.2178	.0190	.2328	.0119
%RSD	5.4650	4.8260	4.8551	5.1549	.69560	4.6118	.36971	5.1100	.24611
#1	25.505	2.4452	2.4436	25.109	4.8534	4.8761	5.1172	4.7204	4.8426
#2	23.607	2.2838	2.2814	23.343	4.8059	4.5681	5.1441	4.3912	4.8595

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7174	zF*****
Stddev	.2199	-----
%RSD	4.6614	-----
#1	4.8729	z 87916.
#2	4.5619	z 86777.

Sample Name: CCV Acquired: 8/10/2009 19:45:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	150.77	248.47	5197.1	9212.5	641.87
Stddev	8.06	2.14	246.0	474.9	.46
%RSD	5.3455	.86059	4.7328	5.1550	.07129
#1	145.07	246.96	5023.2	8876.7	641.55
#2	156.47	249.98	5371.1	9548.3	642.19

Sample Name: CCB Acquired: 8/10/2009 19:51:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00866	-.02116	-.00357	.00401	.00124	.05418	-.00341	-.00022
Stddev	.00039	.00292	.00151	.00086	.00184	.00581	.00059	.00007
%RSD	4.5490	13.800	42.375	21.335	148.16	10.723	17.200	30.013
#1	-.00838	-.02323	-.00250	.00341	.00254	.05829	-.00299	-.00027
#2	-.00894	-.01910	-.00464	.00462	-.00006	.05007	-.00382	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00138	-.00104	.00074	-.00141	-.00037	-.00027	-.00260
Stddev	.00010	.00016	.00030	.00095	.00061	.00277	.00022	.00661
%RSD	133.12	11.293	29.311	127.73	43.361	747.20	80.591	254.23
#1	.00000	-.00149	-.00125	.00141	-.00184	-.00233	-.00042	-.00728
#2	-.00014	-.00127	-.00082	.00007	-.00097	.00159	-.00012	.00207

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	-.00030	-.00441	.00069	-.00048	.00734	.00230	.00538
Stddev	.00103	.00013	.00154	.00071	.00009	.00096	.00050	.00059
%RSD	34.214	44.354	34.901	103.06	19.169	13.097	21.802	10.872
#1	-.00374	-.00020	-.00550	.00019	-.00041	.00666	.00265	.00497
#2	-.00228	-.00039	-.00332	.00119	-.00054	.00802	.00194	.00580

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02236	-.00040	-.00130	.00029	z*****
Stddev	.00282	.01860	.00096	.00029	-----
%RSD	12.623	4657.7	74.368	96.915	-----
#1	-.02435	-.01355	-.00198	.00050	z 2190.2
#2	-.02036	.01276	-.00061	.00009	z 2174.6

Sample Name: CCB Acquired: 8/10/2009 19:51:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.79	249.85	5278.7	9318.9	614.43
Stddev	2.47	.98	38.2	126.8	1.20
%RSD	1.5982	.39056	.72307	1.3609	.19564
#1	153.04	250.54	5251.7	9229.2	615.28
#2	156.54	249.16	5305.7	9408.5	613.58

Sample Name: A3856-05X10 Acquired: 8/10/2009 19:58:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00816	-.02225	-.00449	.00783	.00149	.02782	.05200	-.00026
Stddev	.00011	.00004	.00119	.00087	.00293	.00105	.00027	.00004
%RSD	1.3895	.18796	26.402	11.171	196.90	3.7751	.52573	14.410
#1	-.00808	-.02228	-.00365	.00721	-.00058	.02708	.05220	-.00028
#2	-.00824	-.02222	-.00533	.00845	.00356	.02857	.05181	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	5.2349	2.2306	.00000	.00676	.06364	.01681	1.9104
Stddev	.00009	.0032	.0001	.00041	.00031	.00726	.00009	.0138
%RSD	20.732	.06175	.00233	364830.	4.6414	11.413	.53837	.72082
#1	-.00035	5.2326	2.2307	-.00029	.00698	.05851	.01675	1.9007
#2	-.00047	5.2372	2.2306	.00029	.00654	.06878	.01688	1.9202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00017	3.2071	.00156	.04151	13.105	.00389	.01481
Stddev	.00025	.00007	.0082	.00042	.00131	.056	.00024	.00010
%RSD	15.623	38.204	.25433	26.939	3.1636	.42641	6.1473	.67098
#1	-.00144	.00022	3.2129	.00186	.04058	13.145	.00406	.01488
#2	-.00180	.00012	3.2013	.00126	.04244	13.066	.00372	.01474

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.2010	.30016	.00009	.00039	z*****
Stddev	.0009	.02008	.00078	.00009	-----
%RSD	.03913	6.6904	870.59	24.252	-----
#1	2.2016	.31436	.00064	.00032	z 2147.5
#2	2.2004	.28596	-.00046	.00046	z 2159.4

Sample Name: A3856-05X10 Acquired: 8/10/2009 19:58:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.72	249.29	5405.2	9570.9	630.33
Stddev	1.10	2.32	22.3	32.9	2.18
%RSD	.70928	.93037	.41250	.34419	.34589
#1	156.50	250.93	5389.4	9547.6	628.79
#2	154.94	247.65	5420.9	9594.2	631.87

Sample Name: PB43915BL Acquired: 8/10/2009 20:05:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00489	-.01847	-.00388	.00173	.00133	.01339	-.00423	-.00023
Stddev	.00046	.00592	.00232	.00161	.00109	.00203	.00004	.00006
%RSD	9.4306	32.057	59.762	93.237	82.562	15.130	1.0406	24.915
#1	-.00456	-.02266	-.00224	.00059	.00210	.01483	-.00419	-.00027
#2	-.00521	-.01428	-.00552	.00287	.00055	.01196	-.00426	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00121	-.00198	.00098	-.00097	.00470	-.00025	.00286
Stddev	.00002	.00805	.00026	.00028	.00015	.00261	.00015	.00136
%RSD	6.6986	663.05	13.372	28.155	15.009	55.687	57.757	47.734
#1	-.00033	-.00448	-.00179	.00117	-.00087	.00654	-.00015	.00189
#2	-.00036	.00690	-.00216	.00078	-.00107	.00285	-.00035	.00382

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	-.00030	-.00432	-.00020	-.00061	-.00018	.00064	.00072
Stddev	.00066	.00026	.00016	.00071	.00003	.00649	.00037	.00085
%RSD	32.519	87.459	3.6540	353.71	5.5281	3532.7	58.815	118.61
#1	-.00156	-.00049	-.00444	.00030	-.00064	.00440	.00090	.00132
#2	-.00249	-.00012	-.00421	-.00070	-.00059	-.00477	.00037	.00012

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02340	-.02472	-.00209	-.00041	z*****
Stddev	.00096	.02873	.00081	.00015	-----
%RSD	4.1041	116.23	39.037	36.202	-----
#1	-.02272	-.04503	-.00266	-.00051	z 2239.1
#2	-.02408	-.00440	-.00151	-.00030	z 2262.0

Sample Name: PB43915BL Acquired: 8/10/2009 20:05:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.12	256.75	5366.2	9481.3	619.83
Stddev	1.77	.74	14.1	7.4	.05
%RSD	1.1129	.29009	.26217	.07793	.00799
#1	157.87	256.23	5376.2	9486.5	619.86
#2	160.38	257.28	5356.3	9476.1	619.79

Sample Name: PB43915BS Acquired: 8/10/2009 20:11:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75861	1.7559	.93089	1.8253	.91887	1.7636	.20557
Stddev	.00017	.0025	.00333	.0040	.00184	.0269	.00099
%RSD	.02277	.14166	.35754	.22147	.20043	1.5248	.48390
#1	.75873	1.7576	.93324	1.8282	.91756	1.7826	.20627
#2	.75849	1.7541	.92853	1.8225	.92017	1.7446	.20486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19779	.19995	1.0352	.38717	.19562	.27926	2.9828
Stddev	.00075	.00106	.0111	.00215	.00001	.00102	.0086
%RSD	.37731	.53241	1.0686	.55569	.00434	.36574	.28819
#1	.19832	.20070	1.0430	.38869	.19562	.27998	2.9768
#2	.19726	.19919	1.0274	.38565	.19561	.27854	2.9889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20002	1.9411	.48951	.06694	2.9780	.28509	.19264
Stddev	.00053	.0137	.00272	.00005	.0138	.00110	.00102
%RSD	.26559	.70394	.55475	.08149	.46399	.38605	.53062
#1	.19964	1.9507	.49143	.06690	2.9878	.28587	.19336
#2	.20039	1.9314	.48759	.06698	2.9682	.28431	.19192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8711	.45835	.28644	F-.00398	1.0906	.83898	.23798
Stddev	.0058	.00013	.00141	.00039	.0336	.00082	.00058
%RSD	.05867	.02889	.49324	9.8442	3.0836	.09817	.24271
#1	9.8752	.45845	.28544	-.00370	1.1143	.83957	.23757
#2	9.8670	.45826	.28744	-.00426	1.0668	.83840	.23839

Sample Name: PB43915BS Acquired: 8/10/2009 20:11:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5735.5
#2	z 5732.6

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.23	264.08	5335.8	9251.8	643.04
Stddev	.46	.77	8.4	44.5	1.84
%RSD	.28920	.29186	.15723	.48124	.28664
#1	158.90	263.54	5329.9	9220.3	641.74
#2	159.56	264.63	5341.8	9283.3	644.35

Sample Name: A3816-14 Acquired: 8/10/2009 20:18:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00926	-.03258	-.00622	.00417	.00299	.00307	-.00183	-.00027
Stddev	.00022	.00265	.00135	.00053	.00138	.00473	.00096	.00004
%RSD	2.4174	8.1258	21.691	12.811	46.263	154.02	52.300	15.971
#1	-.00910	-.03070	-.00527	.00455	.00397	-.00027	-.00251	-.00024
#2	-.00942	-.03445	-.00718	.00379	.00201	.00641	-.00115	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.10271	-.00147	-.00079	.00015	.00965	.00044	.02190
Stddev	.00010	.00012	.00039	.00028	.00032	.00453	.00014	.01394
%RSD	35.945	.11565	26.615	35.803	211.15	46.968	31.559	63.672
#1	-.00020	.10280	-.00119	-.00099	.00038	.00645	.00054	.03176
#2	-.00034	.10263	-.00174	-.00059	-.00008	.01286	.00034	.01204

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	.00035	.93068	-.00057	.00841	.01084	.00162	.00240
Stddev	.00003	.00061	.00714	.00012	.00022	.00229	.00049	.00073
%RSD	.82344	176.86	.76743	20.298	2.6036	21.145	30.072	30.287
#1	-.00389	-.00009	.93573	-.00049	.00857	.01246	.00197	.00189
#2	-.00394	.00078	.92563	-.00065	.00826	.00922	.00128	.00291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.01293	.00580	-.00086	-.00034	z*****
Stddev	.00343	.00658	.00015	.00097	-----
%RSD	26.548	113.61	17.024	284.45	-----
#1	.01536	.00114	-.00076	.00035	z 2236.1
#2	.01051	.01045	-.00097	-.00103	z 2245.1

Sample Name: A3816-14 Acquired: 8/10/2009 20:18:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.45	255.53	5327.7	9361.9	624.62
Stddev	.74	.92	39.7	39.6	3.06
%RSD	.46550	.35974	.74585	.42317	.49056
#1	157.93	254.88	5355.8	9389.9	622.46
#2	158.97	256.18	5299.6	9333.9	626.79

Sample Name: A3841-01 Acquired: 8/10/2009 20:25:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00856	-.02885	.00244	.00664	.00035	.02539	.12342	-.00023
Stddev	.00050	.00041	.00351	.00045	.00122	.00388	.00116	.00001
%RSD	5.8582	1.4347	143.61	6.8517	350.64	15.300	.94236	6.4948
#1	-.00891	-.02856	.00492	.00696	.00121	.02264	.12424	-.00022
#2	-.00820	-.02914	-.00004	.00632	-.00051	.02813	.12260	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	112.09	-.00237	-.00057	.00068	.02377	.00328	14.486
Stddev	.00010	.14	.00063	.00010	.00054	.00343	.00010	.080
%RSD	28.058	.12935	26.676	17.083	80.527	14.422	3.0246	.54974
#1	-.00044	112.19	-.00192	-.00064	.00029	.02135	.00335	14.542
#2	-.00029	111.98	-.00282	-.00050	.00106	.02620	.00321	14.430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00387	-.00062	129.83	.00030	.00878	8.3714	.00166	.06343
Stddev	.00016	.00069	1.12	.00018	.00020	.0251	.00005	.00099
%RSD	4.1642	110.89	.86474	59.941	2.2549	.30010	2.9733	1.5546
#1	-.00376	-.00111	130.62	.00043	.00864	8.3892	.00170	.06413
#2	-.00399	-.00013	129.03	.00017	.00892	8.3536	.00163	.06273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.810	5.8606	.00016	-.00138	z*****
Stddev	.043	.0456	.00162	.00019	-----
%RSD	.36582	.77810	1016.9	13.971	-----
#1	11.779	5.8928	-.00098	-.00151	z 2367.6
#2	11.840	5.8283	.00130	-.00124	z 2379.4

Sample Name: A3841-01 Acquired: 8/10/2009 20:25:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.51	262.32	5132.4	9148.9	671.24
Stddev	.83	.15	6.2	36.7	.66
%RSD	.53389	.05661	.12067	.40157	.09762
#1	156.10	262.43	5136.7	9122.9	671.71
#2	154.93	262.22	5128.0	9174.8	670.78

Sample Name: A3841-01D Acquired: 8/10/2009 20:31:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01061	-.02937	-.00347	.00494	.00299	.04215	.12412	-.00019
Stddev	.00006	.00013	.00084	.00039	.00139	.00376	.00092	.00008
%RSD	.53807	.43349	24.094	7.8543	46.404	8.9295	.74053	42.036
#1	-.01065	-.02928	-.00288	.00467	.00201	.04481	.12347	-.00014
#2	-.01057	-.02946	-.00406	.00522	.00397	.03949	.12477	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	112.95	-.00214	.00033	.00008	.02455	.00372	14.559
Stddev	.00025	.74	.00032	.00010	.00052	.00520	.00044	.083
%RSD	55.082	.65614	15.142	30.738	664.12	21.180	11.718	.56936
#1	-.00027	112.43	-.00237	.00026	-.00029	.02823	.00341	14.500
#2	-.00062	113.48	-.00191	.00041	.00045	.02088	.00403	14.618

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	.00003	130.61	.00035	.00911	8.3496	.00121	.06369
Stddev	.00054	.00031	.87	.00125	.00025	.0212	.00026	.00143
%RSD	17.776	1055.2	.66901	357.44	2.7924	.25367	21.407	2.2503
#1	-.00265	.00025	129.99	.00124	.00893	8.3646	.00103	.06470
#2	-.00341	-.00019	131.23	-.00054	.00929	8.3346	.00140	.06268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.933	5.8628	-.00174	-.00196	z*****
Stddev	.003	.0562	.00017	.00031	-----
%RSD	.02553	.95834	9.8504	15.597	-----
#1	11.935	5.8230	-.00186	-.00218	z 2372.4
#2	11.931	5.9025	-.00162	-.00175	z 2388.7

Sample Name: A3841-01D Acquired: 8/10/2009 20:31:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.50	259.40	5159.5	9133.1	669.24
Stddev	1.98	.20	12.4	5.9	.00
%RSD	1.2712	.07724	.24048	.06435	.00070
#1	154.10	259.26	5150.7	9137.3	669.25
#2	156.90	259.54	5168.3	9129.0	669.24

Sample Name: A3841-01L Acquired: 8/10/2009 20:38:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00685	-.01882	-.00193	.00282	.00056	.00846	.02381	-.00020
Stddev	.00133	.00184	.00036	.00070	.00214	.00210	.00086	.00006
%RSD	19.470	9.7562	18.706	24.779	382.33	24.831	3.6159	27.643
#1	-.00591	-.01752	-.00219	.00233	-.00095	.00994	.02442	-.00016
#2	-.00780	-.02011	-.00168	.00332	.00207	.00697	.02321	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	23.958	-.00220	.00002	-.00038	.00416	.00017	3.1154
Stddev	.00031	.111	.00031	.00002	.00028	.00214	.00021	.0238
%RSD	115.09	.46421	14.174	99.659	72.908	51.374	126.57	.76512
#1	-.00049	23.879	-.00198	.00001	-.00018	.00265	.00031	3.1323
#2	-.00005	24.036	-.00242	.00004	-.00057	.00568	.00002	3.0985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00023	27.784	.00016	.00138	1.7504	.00100	.01408
Stddev	.00032	.00056	.110	.00047	.00030	.0029	.00010	.00052
%RSD	16.752	245.42	.39655	291.03	22.114	.16686	10.164	3.7201
#1	-.00216	-.00062	27.862	-.00017	.00116	1.7483	.00093	.01371
#2	-.00170	.00017	27.706	.00049	.00159	1.7525	.00107	.01445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.6675	1.2601	-.00246	-.00028	z*****
Stddev	.0054	.0159	.00015	.00008	-----
%RSD	.20343	1.2612	6.0848	29.028	-----
#1	2.6637	1.2714	-.00235	-.00033	z 2300.2
#2	2.6713	1.2489	-.00257	-.00022	z 2322.8

Sample Name: A3841-01L Acquired: 8/10/2009 20:38:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.61	257.58	5348.5	9295.2	650.92
Stddev	.28	1.35	8.6	.9	.86
%RSD	.17506	.52342	.16013	.00934	.13253
#1	157.80	256.62	5354.6	9294.6	650.31
#2	157.41	258.53	5342.5	9295.8	651.53

Sample Name: A3841-01S Acquired: 8/10/2009 20:45:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69488	1.8342	.92629	1.5032	.72041	2.0799	.32559	.19158	.18430
Stddev	.00055	.0174	.00634	.0051	.00016	.0157	.00014	.00007	.00103
%RSD	.07975	.94625	.68442	.33760	.02225	.75356	.04354	.03628	.55757
#1	.69527	1.8219	.92181	1.4996	.72030	2.0689	.32549	.19153	.18357
#2	.69448	1.8465	.93078	1.5068	.72053	2.0910	.32569	.19163	.18503

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.80	.38763	.18515	.28570	2.8612	.19263	16.926	.46297	.07133
Stddev	.27	.00043	.00206	.00015	.0019	.00078	.013	.00222	.00056
%RSD	.22895	.11075	1.1150	.05252	.06795	.40274	.07778	.47987	.79092
#1	117.61	.38793	.18369	.28580	2.8626	.19208	16.917	.46140	.07173
#2	117.99	.38733	.18660	.28559	2.8598	.19318	16.936	.46454	.07093

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	136.98	.28843	.19480	18.060	.36799	.34191	11.965	7.0103	.65861
Stddev	.52	.00049	.00095	.020	.00269	.00077	.014	.0298	.00316
%RSD	.38125	.17043	.48843	.10852	.73075	.22551	.11732	.42486	.48017
#1	137.35	.28809	.19413	18.046	.36609	.34246	11.955	7.0314	.65638
#2	136.61	.28878	.19547	18.073	.36989	.34137	11.975	6.9892	.66085

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18525	z*****
Stddev	.00018	-----
%RSD	.09951	-----
#1	.18538	z 5661.6
#2	.18512	z 5670.3

Sample Name: A3841-01S Acquired: 8/10/2009 20:45:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.18	258.74	5214.9	8974.9	673.22
Stddev	1.00	.26	24.7	12.5	.45
%RSD	.65118	.09929	.47456	.13895	.06617
#1	154.89	258.92	5197.4	8966.1	673.53
#2	153.47	258.56	5232.4	8983.8	672.90

Sample Name: A3841-01SD Acquired: 8/10/2009 20:51:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68159	1.7971	.90396	1.4789	.70794	2.0324	.32139	.18708	.18012
Stddev	.00284	.0027	.00580	.0037	.00155	.0032	.00073	.00082	.00014
%RSD	.41716	.15258	.64130	.24880	.21964	.15618	.22757	.43898	.07496
#1	.68360	1.7951	.90806	1.4763	.70904	2.0301	.32191	.18650	.18002
#2	.67958	1.7990	.89986	1.4815	.70684	2.0346	.32087	.18766	.18021

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.95	.37900	.18093	.28112	2.8061	.18911	16.953	.45171	.07015
Stddev	.34	.00156	.00068	.00119	.0164	.00093	.131	.00023	.00010
%RSD	.28889	.41049	.37335	.42304	.58412	.49102	.77506	.05118	.13627
#1	117.71	.37790	.18141	.28028	2.7945	.18845	16.860	.45155	.07008
#2	118.20	.38010	.18045	.28196	2.8177	.18976	17.046	.45188	.07022

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.63	.28311	.19260	17.876	.36344	.33405	11.912	7.0597	.64066
Stddev	.51	.00073	.00237	.030	.00150	.00096	.009	.0426	.00392
%RSD	.36956	.25719	1.2300	.16958	.41293	.28808	.07927	.60349	.61239
#1	137.27	.28259	.19427	17.897	.36237	.33337	11.918	7.0296	.64344
#2	137.99	.28362	.19092	17.854	.36450	.33473	11.905	7.0898	.63789

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18216	z*****
Stddev	.00024	-----
%RSD	.12910	-----
#1	.18233	z 5575.3
#2	.18200	z 5566.7

Sample Name: A3841-01SD Acquired: 8/10/2009 20:51:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.93	257.56	5186.8	8954.9	675.77
Stddev	1.74	.15	1.1	10.6	1.63
%RSD	1.1276	.05857	.02025	.11833	.24067
#1	152.71	257.66	5186.1	8962.4	674.62
#2	155.16	257.45	5187.5	8947.4	676.92

Sample Name: A3841-01A Acquired: 8/10/2009 20:58:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69730	1.8313	.92926	1.4961	.72207	2.0969	.32792	.19307	.18488
Stddev	.00076	.0157	.00032	.0026	.00013	.0045	.00118	.00026	.00015
%RSD	.10942	.85475	.03425	.17175	.01757	.21206	.35867	.13258	.08196
#1	.69784	1.8202	.92904	1.4943	.72198	2.0937	.32875	.19325	.18478
#2	.69676	1.8424	.92949	1.4979	.72216	2.1000	.32708	.19288	.18499

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	118.53	.38946	.18558	.28829	2.8922	.19366	17.038	.46548	.07099
Stddev	.14	.00144	.00048	.00082	.0023	.00028	.049	.00252	.00032
%RSD	.11569	.36894	.25856	.28272	.07912	.14273	.29037	.54149	.44388
#1	118.43	.39047	.18592	.28886	2.8938	.19347	17.073	.46370	.07121
#2	118.62	.38844	.18524	.28771	2.8906	.19386	17.003	.46727	.07077

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	139.01	.29304	.19726	18.152	.36806	.34552	11.988	7.1104	.66155
Stddev	.82	.00191	.00081	.043	.00126	.00131	.016	.0303	.00339
%RSD	.58644	.65078	.40930	.23573	.34334	.38033	.13511	.42655	.51224
#1	139.59	.29169	.19783	18.182	.36717	.34645	11.976	7.1319	.65915
#2	138.44	.29439	.19669	18.121	.36896	.34459	11.999	7.0890	.66395

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18844	z*****
Stddev	.00096	-----
%RSD	.51123	-----
#1	.18912	z 5658.8
#2	.18776	z 5665.4

Sample Name: A3841-01A Acquired: 8/10/2009 20:58:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.06	259.65	5190.3	8921.2	675.17
Stddev	1.74	.28	35.1	27.3	.92
%RSD	1.1368	.10893	.67659	.30560	.13580
#1	151.83	259.85	5165.5	8901.9	675.82
#2	154.29	259.45	5215.2	8940.5	674.52

Sample Name: CCV Acquired: 8/10/2009 21:05:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8474	4.7510	4.8625	4.7551	4.7846	9.6131	9.9851	.25155	2.4730
Stddev	.0018	.0125	.0068	.0126	.0029	.0460	.0694	.00093	.0034
%RSD	.03695	.26244	.13984	.26592	.06169	.47828	.69508	.36979	.13666
#1	4.8461	4.7598	4.8577	4.7462	4.7825	9.6456	9.9360	.25221	2.4706
#2	4.8487	4.7421	4.8673	4.7641	4.7867	9.5806	10.034	.25089	2.4754

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.142	1.0006	2.4786	1.2125	4.8835	2.4553	24.285	2.4915	1.2253
Stddev	.039	.0014	.0050	.0040	.0077	.0032	.034	.0029	.0016
%RSD	.15447	.13981	.19977	.33363	.15759	.12998	.13910	.11596	.12744
#1	25.170	.99965	2.4751	1.2154	4.8890	2.4576	24.261	2.4895	1.2264
#2	25.115	1.0016	2.4821	1.2097	4.8781	2.4531	24.308	2.4936	1.2242

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.789	2.4383	2.4346	24.355	4.7634	4.7761	5.0526	4.7162	4.9791
Stddev	.035	.0124	.0316	.037	.0100	.0019	.0121	.0452	.0085
%RSD	.13918	.51080	1.2968	.15239	.21076	.03957	.23866	.95753	.17157
#1	24.764	2.4471	2.4123	24.328	4.7563	4.7774	5.0441	4.6842	4.9730
#2	24.813	2.4295	2.4569	24.381	4.7705	4.7747	5.0612	4.7481	4.9851

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.8515	zF*****
Stddev	.0077	-----
%RSD	.15900	-----
#1	4.8570	z 86962.
#2	4.8461	z 87351.

Sample Name: CCV Acquired: 8/10/2009 21:05:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.75	264.65	5369.0	9364.4	661.30
Stddev	1.39	.08	8.5	21.1	1.08
%RSD	.86289	.02881	.15890	.22484	.16318
#1	161.73	264.60	5375.0	9349.5	660.54
#2	159.77	264.70	5363.0	9379.3	662.06

Sample Name: CCB Acquired: 8/10/2009 21:11:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00622	-.02045	-.00430	.00090	.00205	-.00391	-.00417	-.00012
Stddev	.00062	.00132	.00074	.00054	.00317	.00295	.00023	.00002
%RSD	10.033	6.4326	17.180	59.436	154.47	75.295	5.4515	12.666
#1	-.00577	-.01952	-.00378	.00128	-.00019	-.00600	-.00401	-.00014
#2	-.00666	-.02138	-.00483	.00052	.00429	-.00183	-.00433	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00056	-.00121	-.00025	-.00080	-.00153	.00000	.00369
Stddev	.00024	.00074	.00023	.00077	.00041	.00219	.0001	.01188
%RSD	861.90	131.92	18.788	311.01	51.345	142.89	3096.2	322.35
#1	-.00020	-.00109	-.00138	.00030	-.00051	.00002	-.00008	.01209
#2	.00014	-.00004	-.00105	-.00079	-.00109	-.00308	.00007	-.00472

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00019	.00014	-.00081	-.00076	.01497	.00230	.00655
Stddev	.00027	.00050	.00088	.00030	.00004	.00813	.00010	.00125
%RSD	48.956	267.28	638.67	37.329	5.5484	54.353	4.1364	19.069
#1	-.00074	.00054	.00076	-.00060	-.00073	.02072	.00223	.00743
#2	-.00036	-.00017	-.00048	-.00102	-.00079	.00921	.00237	.00566

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01975	-.01822	-.00252	.00028	z*****
Stddev	.00133	.00294	.00015	.00011	-----
%RSD	6.7467	16.127	5.7911	38.997	-----
#1	-.02069	-.01614	-.00241	.00020	z 2330.1
#2	-.01880	-.02030	-.00262	.00036	z 2323.9

Sample Name: CCB Acquired: 8/10/2009 21:11:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.57	264.44	5428.5	9508.9	629.05
Stddev	.97	.68	31.6	73.9	.83
%RSD	.58347	.25581	.58235	.77734	.13227
#1	165.88	263.96	5406.1	9456.6	629.63
#2	167.26	264.92	5450.8	9561.1	628.46

Sample Name: A3841-02 Acquired: 8/10/2009 21:18:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00917	-.02470	.00205	.00502	.00270	.04769	.17545	-.00027
Stddev	.00222	.00110	.00276	.00124	.00018	.00635	.00020	.00000
%RSD	24.234	4.4447	134.43	24.675	6.4841	13.312	.11648	.09205
#1	-.00760	-.02547	.00010	.00589	.00258	.04320	.17531	-.00027
#2	-.01074	-.02392	.00400	.00414	.00283	.05218	.17560	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	133.50	-.00130	.00042	.00054	.05617	1.6091	18.877
Stddev	.00010	.11	.00039	.00056	.00005	.00114	.0054	.023
%RSD	50.648	.08287	30.182	132.35	9.9055	2.0254	.33305	.12380
#1	-.00028	133.42	-.00158	.00082	.00050	.05537	1.6053	18.894
#2	-.00013	133.58	-.00102	.00003	.00058	.05697	1.6129	18.861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00013	179.32	-.00001	.01330	7.7296	.00232	.10405
Stddev	.00213	.00024	.82	.00017	.00056	.0219	.00018	.00035
%RSD	120.69	179.63	.45909	1165.3	4.2131	.28326	7.9463	.33277
#1	-.00327	.00004	178.74	.00011	.01370	7.7142	.00245	.10381
#2	-.00026	-.00030	179.90	-.00014	.01291	7.7451	.00219	.10430

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	22.764	6.2831	-.00037	-.00247	z*****
Stddev	.078	.0497	.00131	.00007	-----
%RSD	.34468	.79173	356.97	2.6862	-----
#1	22.708	6.3182	-.00129	-.00251	z 2426.0
#2	22.819	6.2479	.00056	-.00242	z 2440.7

Sample Name: A3841-02 Acquired: 8/10/2009 21:18:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.07	266.42	5184.2	9048.7	685.92
Stddev	.07	.11	5.4	10.4	1.38
%RSD	.04874	.04066	.10441	.11450	.20156
#1	153.13	266.34	5188.0	9041.4	686.89
#2	153.02	266.49	5180.4	9056.0	684.94

Sample Name: A3841-03 Acquired: 8/10/2009 21:25:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00627	-.02560	.03674	.00471	.00358	5.3541	.19610	.00020
Stddev	.00251	.00186	.00021	.00076	.00080	.0131	.00085	.00012
%RSD	40.117	7.2481	.58217	16.123	22.388	.24432	.43404	60.474
#1	-.00449	-.02691	.03658	.00525	.00415	5.3634	.19670	.00012
#2	-.00804	-.02428	.03689	.00418	.00302	5.3449	.19550	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	86.137	.01177	.00324	.02683	7.8600	.39307	11.235
Stddev	.00024	.378	.00090	.00077	.00043	.0197	.00001	.033
%RSD	303.28	.43909	7.6859	23.723	1.5906	.25010	.00365	.29433
#1	-.00025	86.405	.01113	.00379	.02653	7.8739	.39308	11.258
#2	.00009	85.870	.01241	.00270	.02713	7.8461	.39305	11.211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01073	-.00005	162.18	.01010	.06554	6.4387	.00449	.10383
Stddev	.00103	.00054	.12	.00044	.00003	.0068	.00029	.00054
%RSD	9.6132	1027.1	.07103	4.3482	.03824	.10588	6.4218	.52069
#1	.01146	.00033	162.26	.01041	.06552	6.4435	.00428	.10421
#2	.01000	-.00043	162.10	.00979	.06556	6.4339	.00469	.10345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	3.9675	16.088	.00035	.14053	z*****
Stddev	.0003	.237	.00103	.00024	-----
%RSD	.00673	1.4762	292.25	.17358	-----
#1	3.9677	16.256	-.00038	.14036	z 2480.1
#2	3.9674	15.920	.00108	.14071	z 2474.0

Sample Name: A3841-03 Acquired: 8/10/2009 21:25:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.78	266.98	5283.8	9248.4	686.30
Stddev	.23	.16	12.0	57.4	.95
%RSD	.14530	.06180	.22763	.62068	.13909
#1	157.95	267.10	5275.3	9207.9	685.62
#2	157.62	266.87	5292.3	9289.0	686.97

Sample Name: A3841-04 Acquired: 8/10/2009 21:31:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00596	-.03545	.06614	.00581	.00606	15.046	.17522	.00119
Stddev	.00012	.00262	.00001	.00177	.00019	.076	.00015	.00015
%RSD	1.9783	7.3789	.01447	30.514	3.1417	.50583	.08610	12.421
#1	-.00604	-.03730	.06613	.00706	.00593	14.993	.17512	.00108
#2	-.00588	-.03360	.06615	.00456	.00620	15.100	.17533	.00129

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	48.334	.02877	.01363	.07626	19.097	.48427	7.7212
Stddev	.00017	.415	.00095	.00002	.00162	.105	.00234	.0796
%RSD	37.337	.85857	3.3191	.15850	2.1268	.54751	.48410	1.0305
#1	.00034	48.041	.02809	.01365	.07511	19.023	.48261	7.6650
#2	.00058	48.627	.02944	.01362	.07741	19.171	.48593	7.7775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03388	-.00039	8.6998	.03036	.31822	4.4523	.00169	.02808
Stddev	.00064	.00002	.0001	.00134	.00116	.0077	.00013	.00167
%RSD	1.8843	4.4388	.00148	4.3978	.36453	.17253	7.4270	5.9474
#1	.03433	-.00040	8.6999	.02942	.31904	4.4468	.00160	.02690
#2	.03343	-.00038	8.6997	.03131	.31740	4.4577	.00178	.02926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.1613	21.721	.00101	.31198	z*****
Stddev	.0103	.086	.00410	.00191	-----
%RSD	.47855	.39442	407.36	.61063	-----
#1	2.1687	21.661	.00391	.31063	z 2830.1
#2	2.1540	21.782	-.00189	.31333	z 2863.1

Sample Name: A3841-04 Acquired: 8/10/2009 21:31:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.04	265.45	5549.2	9687.6	654.42
Stddev	.65	3.19	24.2	26.6	4.87
%RSD	.38427	1.2005	.43689	.27407	.74448
#1	167.58	263.20	5566.3	9706.4	650.97
#2	168.50	267.70	5532.0	9668.9	657.86

Sample Name: A3841-05 Acquired: 8/10/2009 21:38:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00816	-.02713	.00308	.00425	.00075	.47591	.12413	-.00012
Stddev	.00398	.00521	.00149	.00231	.00026	.00496	.00042	.00001
%RSD	48.777	19.218	48.550	54.443	34.406	1.0428	.33446	5.8873
#1	-.00534	-.03082	.00202	.00261	.00057	.47240	.12442	-.00013
#2	-.01097	-.02344	.00414	.00588	.00094	.47942	.12384	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	131.55	-.00108	-.00074	.00367	.54546	.09732	15.639
Stddev	.00007	.33	.00112	.00090	.00037	.00081	.00008	.042
%RSD	49.979	.24830	104.48	120.40	10.091	.14777	.07805	.26685
#1	-.00018	131.31	-.00028	-.00011	.00393	.54489	.09738	15.668
#2	-.00009	131.78	-.00187	-.00138	.00341	.54603	.09727	15.609

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00047	155.64	.00040	.02194	4.0433	.00121	.06451
Stddev	.00059	.00053	1.46	.00018	.00007	.0162	.00060	.00152
%RSD	896.99	114.93	.93993	46.473	.29639	.40102	49.880	2.3610
#1	-.00035	-.00009	156.68	.00027	.02199	4.0547	.00164	.06343
#2	.00048	-.00084	154.61	.00053	.02190	4.0318	.00078	.06559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.180	7.2333	-.00175	.00900	z*****
Stddev	.039	.0656	.00070	.00041	-----
%RSD	.34706	.90648	40.104	4.5896	-----
#1	11.152	7.2797	-.00225	.00871	z 2480.9
#2	11.207	7.1869	-.00125	.00929	z 2515.2

Sample Name: A3841-05 Acquired: 8/10/2009 21:38:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.12	266.73	5209.0	9151.7	685.38
Stddev	.09	1.73	1.6	31.8	1.12
%RSD	.05685	.65039	.03149	.34802	.16370
#1	155.18	265.50	5207.8	9129.2	684.59
#2	155.05	267.95	5210.1	9174.2	686.17

Sample Name: A3841-06 Acquired: 8/10/2009 21:45:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00742	-.02640	.00286	.00535	-.00023	.14728	.21977	-.00023
Stddev	.00141	.00068	.00088	.00086	.00214	.01059	.00064	.00008
%RSD	19.066	2.5919	30.740	16.107	927.00	7.1905	.29070	36.118
#1	-.00642	-.02591	.00224	.00474	-.00174	.15477	.22022	-.00017
#2	-.00842	-.02688	.00349	.00596	.00128	.13979	.21931	-.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	116.00	-.00266	-.00100	.00229	.13906	.19209	11.704
Stddev	.00023	.33	.00079	.00094	.00019	.00636	.00056	.013
%RSD	91.010	.28311	29.776	94.415	8.1418	4.5767	.29195	.11036
#1	-.00042	116.23	-.00210	-.00033	.00216	.13456	.19170	11.713
#2	-.00009	115.77	-.00322	-.00167	.00242	.14356	.19249	11.695

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00014	151.66	.00157	.02075	3.8692	.00167	.06136
Stddev	.00133	.00023	.87	.00015	.00047	.0299	.00013	.00073
%RSD	556.97	171.83	.57285	9.8067	2.2753	.77376	7.5346	1.1820
#1	-.00118	.00003	152.28	.00168	.02109	3.8481	.00176	.06187
#2	.00070	-.00030	151.05	.00146	.02042	3.8904	.00158	.06085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	10.137	6.4354	-.00082	.00009	z*****
Stddev	.031	.0001	.00115	.00085	-----
%RSD	.30931	.00108	139.41	909.10	-----
#1	10.114	6.4354	-.00163	-.00051	z 2488.1
#2	10.159	6.4353	-.00001	.00070	z 2464.3

Sample Name: A3841-06 Acquired: 8/10/2009 21:45:11 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.59	269.67	5246.3	9170.3	688.00
Stddev	.13	1.43	5.8	35.1	1.88
%RSD	.08477	.53054	.11136	.38262	.27373
#1	156.49	268.66	5250.4	9145.5	689.33
#2	156.68	270.68	5242.2	9195.1	686.66

Sample Name: A3841-07 Acquired: 8/10/2009 21:51:55 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00820	-.02545	.00242	.00506	.00297	.02169	.09373	-.00025
Stddev	.00185	.00116	.00119	.00280	.00010	.00387	.00066	.00006
%RSD	22.557	4.5626	49.117	55.218	3.5119	17.834	.70009	25.670
#1	-.00951	-.02463	.00326	.00704	.00305	.01896	.09419	-.00029
#2	-.00689	-.02627	.00158	.00309	.00290	.02443	.09327	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	107.18	-.00190	-.00058	.00133	.16003	.01530	14.684
Stddev	.00004	.61	.00033	.00059	.00026	.00205	.00024	.026
%RSD	12.450	.57283	17.332	101.90	19.852	1.2790	1.5907	.17372
#1	-.00030	106.74	-.00213	-.00016	.00152	.15859	.01512	14.666
#2	-.00036	107.61	-.00167	-.00100	.00114	.16148	.01547	14.702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00033	190.84	.00180	.01250	9.3695	.00155	.08101
Stddev	.00152	.00072	1.76	.00088	.00001	.0348	.00026	.00262
%RSD	117.54	221.58	.91988	48.691	.08573	.37160	16.854	3.2335
#1	-.00022	-.00084	189.60	.00118	.01251	9.3449	.00136	.08286
#2	-.00237	.00018	192.08	.00242	.01249	9.3941	.00173	.07916

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	15.012	6.1365	-.00277	-.00166	z*****
Stddev	.083	.0216	.00019	.00021	-----
%RSD	.55238	.35149	6.9428	12.803	-----
#1	15.071	6.1212	-.00291	-.00181	z 2433.6
#2	14.953	6.1517	-.00263	-.00151	z 2448.0

Sample Name: A3841-07 Acquired: 8/10/2009 21:51:55 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	155.82	272.18	5234.1	9112.9	692.22
Stddev	.94	.31	40.2	25.0	4.14
%RSD	.60303	.11344	.76800	.27457	.59827
#1	155.16	271.96	5262.5	9130.6	689.29
#2	156.49	272.40	5205.6	9095.2	695.14

Sample Name: A3841-08 Acquired: 8/10/2009 21:58:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00862	-.02350	.00432	.00578	.00266	.03338	.50533	-.00037
Stddev	.00237	.00658	.00070	.00064	.00083	.00373	.00035	.00008
%RSD	27.563	28.012	16.121	11.082	30.999	11.182	.06998	21.172
#1	-.00694	-.01884	.00383	.00623	.00325	.03602	.50508	-.00031
#2	-.01029	-.02815	.00481	.00533	.00208	.03074	.50558	-.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	120.09	-.00086	-.00102	.00044	1.5413	7.5367	19.503
Stddev	.00025	.77	.00140	.00020	.00049	.0029	.0310	.099
%RSD	112.81	.63879	161.86	19.494	110.97	.18768	.41092	.50578
#1	-.00040	119.54	.00012	-.00088	.00010	1.5393	7.5148	19.433
#2	-.00005	120.63	-.00185	-.00116	.00079	1.5434	7.5586	19.572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	.00009	156.88	-.00011	.00980	4.4184	.00160	.08946
Stddev	.00011	.00026	2.16	.00002	.00053	.0125	.00039	.00035
%RSD	3.4448	293.05	1.3796	19.116	5.4562	.28313	24.273	.38928
#1	-.00309	.00027	155.35	-.00010	.01017	4.4272	.00188	.08970
#2	-.00324	-.00010	158.41	-.00013	.00942	4.4095	.00133	.08921

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	3.6802	6.9470	-.00029	-.00238	z*****
Stddev	.0010	.0066	.00031	.00052	-----
%RSD	.02603	.09549	108.80	21.910	-----
#1	3.6809	6.9423	-.00007	-.00201	z 2430.6
#2	3.6795	6.9517	-.00051	-.00275	z 2449.6

Sample Name: A3841-08 Acquired: 8/10/2009 21:58:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.38	270.92	5258.9	9179.2	689.35
Stddev	2.85	.19	18.8	11.3	1.81
%RSD	1.8118	.06960	.35659	.12335	.26294
#1	155.36	271.06	5245.6	9187.2	688.06
#2	159.40	270.79	5272.1	9171.2	690.63

Sample Name: A3841-09 Acquired: 8/10/2009 22:05:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00858	-.02866	.00334	.00342	.00256	.03524	.51613	-.00040
Stddev	.00016	.00085	.00054	.00042	.00010	.00459	.00039	.00001
%RSD	1.8239	2.9679	16.057	12.253	3.8255	13.032	.07468	1.9318
#1	-.00869	-.02926	.00296	.00371	.00263	.03199	.51585	-.00040
#2	-.00846	-.02805	.00372	.00312	.00249	.03848	.51640	-.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	122.82	-.00083	-.00034	-.00028	1.5797	7.7281	19.866
Stddev	.00008	.09	.00003	.00046	.00045	.0069	.0022	.058
%RSD	20.077	.06929	3.6260	132.62	159.76	.43515	.02785	.29016
#1	-.00046	122.76	-.00085	-.00002	-.00061	1.5845	7.7297	19.906
#2	-.00035	122.88	-.00080	-.00067	.00004	1.5748	7.7266	19.825

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	-.00036	160.42	.00099	.01061	4.5077	.00112	.09144
Stddev	.00076	.00053	.50	.00048	.00034	.0022	.00016	.00080
%RSD	27.529	147.28	.31323	48.677	3.1982	.04807	14.092	.87944
#1	-.00222	.00001	160.77	.00065	.01085	4.5061	.00123	.09087
#2	-.00329	-.00073	160.06	.00133	.01037	4.5092	.00101	.09201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	3.7671	7.1035	-.00004	-.00284	z*****
Stddev	.0121	.0401	.00033	.00071	-----
%RSD	.32006	.56487	790.38	24.863	-----
#1	3.7756	7.1319	-.00027	-.00334	z 2458.9
#2	3.7586	7.0751	.00019	-.00234	z 2441.0

Sample Name: A3841-09 Acquired: 8/10/2009 22:05:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.59	272.78	5239.6	9218.2	690.32
Stddev	1.40	2.27	15.4	20.1	5.89
%RSD	.88549	.83383	.29464	.21768	.85325
#1	156.60	271.17	5228.7	9204.0	686.16
#2	158.57	274.39	5250.5	9232.4	694.49

Sample Name: A3841-10 Acquired: 8/10/2009 22:12:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01054	-.03255	.00022	.00271	.00270	-.00752	-.00213	-.00031
Stddev	.00104	.00237	.00248	.00052	.00203	.00201	.00041	.00014
%RSD	9.8932	7.2905	1133.1	19.300	75.142	26.789	19.276	44.886
#1	-.01127	-.03087	-.00153	.00308	.00126	-.00609	-.00242	-.00021
#2	-.00980	-.03422	.00197	.00234	.00413	-.00894	-.00184	-.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.10534	-.00116	-.00054	-.00029	.00251	.00026	.02419
Stddev	.00015	.00457	.00144	.00062	.00044	.00020	.00020	.00569
%RSD	24.466	4.3391	124.18	114.34	150.75	7.8108	78.566	23.541
#1	-.00050	.10857	-.00014	-.00098	.00002	.00237	.00040	.02821
#2	-.00070	.10211	-.00218	-.00010	-.00060	.00264	.00012	.02016

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	.00009	.81926	-.00050	.00811	.04140	.00100	.00141
Stddev	.00004	.00011	.00408	.00037	.00032	.00711	.00028	.00119
%RSD	1.5196	120.42	.49835	73.828	3.9787	17.177	27.373	84.424
#1	-.00272	.00017	.82215	-.00024	.00789	.04642	.00120	.00057
#2	-.00277	.00001	.81637	-.00076	.00834	.03637	.00081	.00225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.01251	.00682	-.00224	-.00018	z*****
Stddev	.00116	.00633	.00014	.00009	-----
%RSD	9.3109	92.795	6.3780	50.153	-----
#1	.01168	.01129	-.00234	-.00012	z 2335.8
#2	.01333	.00234	-.00214	-.00025	z 2355.4

Sample Name: A3841-10 Acquired: 8/10/2009 22:12:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.41	268.11	5417.7	9485.8	641.32
Stddev	1.10	.11	3.3	35.6	.41
%RSD	.66728	.03956	.06066	.37541	.06432
#1	164.63	268.04	5420.0	9511.0	641.02
#2	166.19	268.19	5415.4	9460.6	641.61

Sample Name: PB43944BL Acquired: 8/10/2009 22:18:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00420	-.01967	.00344	.00139	.00211	-.00251	-.00461	-.00014
Stddev	.00004	.00220	.00161	.00078	.00275	.00101	.00025	.00001
%RSD	.88517	11.189	46.689	55.935	130.47	40.172	5.3956	9.2331
#1	-.00418	-.01812	.00231	.00194	.00406	-.00179	-.00479	-.00015
#2	-.00423	-.02123	.00458	.00084	.00016	-.00322	-.00443	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00755	-.00092	-.00068	-.00074	.00141	-.00013	.00282
Stddev	.00029	.00621	.00013	.00025	.00096	.00319	.00015	.01302
%RSD	166.13	82.177	13.958	37.283	130.27	226.33	121.10	460.91
#1	-.00038	-.00316	-.00101	-.00086	-.00006	-.00085	-.00002	-.00638
#2	.00003	-.01194	-.00083	-.00050	-.00142	.00366	-.00023	.01203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00013	.00308	-.00038	-.00099	.02389	.00099	-.00023
Stddev	.00027	.00005	.00215	.00051	.00036	.01363	.00040	.00117
%RSD	12.776	36.274	69.608	133.53	36.013	57.065	40.365	503.98
#1	-.00229	-.00017	.00460	-.00075	-.00074	.01425	.00128	.00059
#2	-.00191	-.00010	.00157	-.00002	-.00125	.03353	.00071	-.00106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02035	-.00393	-.00265	-.00061	z*****
Stddev	.00001	.00988	.00029	.00035	-----
%RSD	.05416	251.48	11.128	56.945	-----
#1	-.02035	.00306	-.00286	-.00086	z 2351.7
#2	-.02036	-.01092	-.00244	-.00037	z 2354.0

Sample Name: PB43944BL Acquired: 8/10/2009 22:18:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.50	274.49	5480.7	9651.7	642.32
Stddev	.17	1.21	1.6	7.0	.27
%RSD	.10202	.44223	.02973	.07290	.04220
#1	167.62	275.35	5479.5	9646.7	642.51
#2	167.38	273.63	5481.8	9656.7	642.13

Sample Name: CCV Acquired: 8/10/2009 22:25:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7696	4.7150	4.8608	4.6498	4.6887	9.4234	9.5593	.24811
Stddev	.0169	.0003	.0137	.0296	.0168	.0780	.0112	.00147
%RSD	.35504	.00589	.28194	.63622	.35900	.82728	.11749	.59430
#1	4.7577	4.7152	4.8705	4.6289	4.6768	9.3683	9.5514	.24707
#2	4.7816	4.7148	4.8511	4.6707	4.7006	9.4785	9.5672	.24915

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4762	24.791	1.0067	2.4707	1.1896	4.7686	2.4082	23.750
Stddev	.0015	.094	.0060	.0022	.0004	.0054	.0037	.035
%RSD	.05919	.38046	.59804	.08982	.03565	.11394	.15382	.14724
#1	2.4752	24.724	1.0024	2.4723	1.1893	4.7647	2.4056	23.725
#2	2.4773	24.858	1.0109	2.4692	1.1899	4.7724	2.4108	23.775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4992	1.2251	23.991	2.3897	2.3721	23.712	4.6664	4.6744
Stddev	.0015	.0128	.015	.0159	.0005	.038	.0254	.0345
%RSD	.06138	1.0421	.06297	.66576	.01950	.16129	.54365	.73875
#1	2.4981	1.2161	23.980	2.3784	2.3718	23.740	4.6484	4.6500
#2	2.5003	1.2342	24.001	2.4009	2.3724	23.685	4.6843	4.6989

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.0682	F4.4524	4.9944	4.7264	zF*****
Stddev	.0077	.0014	.0019	.0039	-----
%RSD	.15221	.03142	.03871	.08216	-----
#1	5.0737	4.4534	4.9930	4.7237	z 86315.
#2	5.0628	4.4514	4.9957	4.7292	z 86175.

Sample Name: CCV Acquired: 8/10/2009 22:25:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.07	271.64	5424.1	9597.9	667.67
Stddev	.33	.51	30.5	15.9	1.69
%RSD	.20035	.18850	.56228	.16564	.25328
#1	166.83	272.00	5445.7	9609.1	666.48
#2	167.31	271.28	5402.6	9586.7	668.87

Sample Name: CCB Acquired: 8/10/2009 22:31:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00507	-.01561	-.00280	.00066	.00158	-.00251	-.00570	-.00016
Stddev	.00154	.00071	.00284	.00105	.00172	.00851	.00019	.00003
%RSD	30.483	4.5622	101.44	158.58	109.14	338.43	3.3320	19.209
#1	-.00398	-.01611	-.00480	-.00008	.00036	.00350	-.00556	-.00014
#2	-.00616	-.01511	-.00079	.00140	.00280	-.00853	-.00583	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00119	-.00143	.00081	-.00131	-.00122	-.00015	-.00361
Stddev	.00024	.00670	.00054	.00087	.00026	.00570	.00009	.00051
%RSD	184.15	563.32	37.595	107.37	19.668	466.68	61.249	14.187
#1	.00030	-.00355	-.00105	.00020	-.00150	.00281	-.00009	-.00397
#2	-.00004	.00593	-.00181	.00143	-.00113	-.00526	-.00022	-.00324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.00039	.00403	-.00045	-.00045	.01359	.00155	.00445
Stddev	.00035	.00031	.00830	.00011	.00023	.00636	.00014	.00090
%RSD	22.237	78.327	205.83	23.408	50.514	46.819	9.3674	20.194
#1	-.00181	.00061	.00990	-.00053	-.00029	.01809	.00165	.00509
#2	-.00132	.00018	-.00184	-.00038	-.00062	.00909	.00144	.00382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01916	-.00868	-.00162	.00046	z*****
Stddev	.00179	.00759	.00030	.00014	-----
%RSD	9.3214	87.425	18.736	31.762	-----
#1	-.02042	-.00331	-.00184	.00056	z 2373.8
#2	-.01790	-.01404	-.00141	.00035	z 2366.7

Sample Name: CCB Acquired: 8/10/2009 22:31:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.23	275.88	5560.4	9679.2	643.53
Stddev	1.42	.27	6.9	73.6	.73
%RSD	.84105	.09740	.12336	.76040	.11281
#1	168.23	276.07	5555.5	9627.1	644.04
#2	170.24	275.69	5565.2	9731.2	643.02

Sample Name: PB43944BS Acquired: 8/10/2009 22:38:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73740	1.7353	.93040	1.7565	.89175	1.7331	.19755
Stddev	.00163	.0033	.00048	.0050	.00396	.0098	.00040
%RSD	.22146	.19028	.05207	.28323	.44376	.56505	.20371
#1	.73624	1.7376	.93005	1.7530	.88895	1.7262	.19784
#2	.73855	1.7330	.93074	1.7600	.89455	1.7400	.19727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19947	.20103	1.0543	.39922	.19566	.27789	2.9586
Stddev	.00086	.00027	.0022	.00243	.00006	.00003	.0144
%RSD	.43363	.13302	.20732	.60977	.03085	.00910	.48507
#1	.19886	.20122	1.0527	.40094	.19570	.27790	2.9688
#2	.20008	.20084	1.0558	.39749	.19561	.27787	2.9485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19868	1.9373	.49276	.06625	2.9082	.28628	.19203
Stddev	.00085	.0076	.00060	.00094	.0069	.00298	.00025
%RSD	.42654	.39106	.12197	1.4158	.23750	1.0418	.13270
#1	.19808	1.9320	.49318	.06559	2.9033	.28418	.19185
#2	.19928	1.9427	.49233	.06692	2.9130	.28839	.19221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6128	.44695	.28150	F-.00234	1.0193	F.84106	.23195
Stddev	.0363	.00026	.00194	.00027	.0062	.00143	.00096
%RSD	.37764	.05728	.68961	11.393	.60483	.17049	.41330
#1	9.6384	.44676	.28013	-.00215	1.0149	.84207	.23263
#2	9.5871	.44713	.28287	-.00253	1.0236	.84004	.23127

Sample Name: PB43944BS Acquired: 8/10/2009 22:38:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5802.1
#2	z 5794.3

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.14	277.39	5461.8	9505.7	663.04
Stddev	.54	.34	1.2	12.6	.60
%RSD	.31936	.12406	.02226	.13285	.08994
#1	168.52	277.63	5462.6	9514.7	662.61
#2	167.76	277.14	5460.9	9496.8	663.46

Sample Name: A3844-01 Acquired: 8/10/2009 22:45:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00574	-.02424	.08943	.00336	.00148	.02083	.08390	-.00015
Stddev	.00046	.00236	.00094	.00051	.00027	.00194	.00036	.00003
%RSD	7.9462	9.7426	1.0460	15.122	17.911	9.3245	.42793	16.803
#1	-.00606	-.02257	.08877	.00372	.00167	.01946	.08365	-.00017
#2	-.00542	-.02590	.09010	.00300	.00129	.02221	.08416	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	55.744	-.00104	-.00100	.00124	4.2014	.37386	6.5611
Stddev	.00013	.181	.00029	.00025	.00066	.0205	.00005	.0103
%RSD	81.731	.32451	27.544	24.929	53.407	.48738	.01451	.15683
#1	.00026	55.616	-.00124	-.00083	.00077	4.2159	.37382	6.5684
#2	.00007	55.872	-.00084	-.00118	.00171	4.1870	.37389	6.5538

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00918	-.00001	185.40	.00035	.06916	9.5477	.00284	.13302
Stddev	.00101	.00003	.49	.00053	.00086	.0050	.00043	.00111
%RSD	11.023	244.19	.26637	152.28	1.2376	.05180	15.261	.83119
#1	.00846	.00001	185.75	-.00003	.06855	9.5442	.00314	.13380
#2	.00989	-.00004	185.05	.00073	.06976	9.5512	.00253	.13224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.7518	1.8676	-.00109	-.00077	z*****
Stddev	.0152	.0067	.00032	.00002	-----
%RSD	.31893	.35794	29.146	3.1784	-----
#1	4.7410	1.8629	-.00132	-.00075	z 2349.2
#2	4.7625	1.8723	-.00087	-.00079	z 2353.9

Sample Name: A3844-01 Acquired: 8/10/2009 22:45:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.76	272.06	5250.0	9328.4	696.27
Stddev	.93	1.39	20.1	21.8	3.08
%RSD	.58575	.50941	.38351	.23367	.44177
#1	159.42	271.08	5264.2	9343.8	698.44
#2	158.11	273.04	5235.7	9313.0	694.09

Sample Name: A3844-01D Acquired: 8/10/2009 22:51:54 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	-.02694	.09418	.00298	.00146	.02045	.08946	-.00021
Stddev	.00005	.00025	.00175	.00062	.00026	.00611	.00018	.00002
%RSD	1.5416	.94607	1.8597	20.701	17.874	29.875	.20513	7.1084
#1	-.00291	-.02712	.09294	.00342	.00128	.01613	.08959	-.00020
#2	-.00297	-.02676	.09542	.00254	.00164	.02478	.08933	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	59.990	-.00115	.00001	.00057	3.9178	.39688	7.0292
Stddev	.00028	.119	.00009	.00041	.00007	.0185	.00038	.0562
%RSD	368.91	.19820	7.6045	3241.5	11.922	.47165	.09601	.80002
#1	-.00028	59.906	-.00108	-.00028	.00062	3.9048	.39715	6.9894
#2	.00012	60.074	-.00121	.00031	.00052	3.9309	.39661	7.0689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	-.00095	197.99	.00110	.07583	10.138	.00280	.14184
Stddev	.00134	.00071	.88	.00006	.00005	.032	.00029	.00053
%RSD	101.68	74.335	.44612	5.0925	.06097	.31431	10.330	.37415
#1	-.00037	-.00145	197.36	.00114	.07586	10.115	.00260	.14147
#2	-.00227	-.00045	198.61	.00106	.07579	10.160	.00301	.14222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.9890	1.9792	-.00020	-.00078	z*****
Stddev	.0095	.0154	.00210	.00013	-----
%RSD	.18959	.77796	1056.8	16.618	-----
#1	4.9823	1.9901	-.00169	-.00069	z 2371.2
#2	4.9957	1.9684	.00129	-.00087	z 2365.5

Sample Name: A3844-01D Acquired: 8/10/2009 22:51:54 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.73	274.12	5260.4	9256.8	694.01
Stddev	.68	.68	6.6	9.7	1.14
%RSD	.42904	.24936	.12612	.10493	.16370
#1	157.25	273.63	5255.7	9250.0	693.21
#2	158.21	274.60	5265.1	9263.7	694.81

Sample Name: A3844-01L Acquired: 8/10/2009 22:58:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00480	-.01970	.01434	.00087	.00181	-.00213	.01181	-.00011
Stddev	.00247	.00286	.00326	.00085	.00203	.00274	.00096	.00003
%RSD	51.555	14.519	22.755	97.790	112.10	128.41	8.1065	29.853
#1	-.00654	-.02172	.01665	.00027	.00325	-.00020	.01113	-.00009
#2	-.00305	-.01767	.01204	.00147	.00038	-.00406	.01248	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	11.613	-.00173	-.00029	-.00087	.86305	.07663	1.3552
Stddev	.00005	.015	.00000	.00097	.00058	.00419	.00004	.0088
%RSD	26.687	.13126	.11539	338.18	66.134	.48564	.04943	.64789
#1	-.00021	11.623	-.00173	-.00098	-.00046	.86008	.07660	1.3490
#2	-.00014	11.602	-.00173	.00040	-.00128	.86601	.07665	1.3614

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00002	38.888	.00070	.01359	1.9303	.00088	.02644
Stddev	.00065	.00061	.287	.00016	.00005	.0132	.00027	.00143
%RSD	1481.5	2695.2	.73812	22.037	.33542	.68366	30.442	5.4054
#1	.00050	-.00046	39.091	.00059	.01362	1.9396	.00069	.02745
#2	-.00042	.00041	38.685	.00081	.01355	1.9210	.00107	.02543

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.0381	.38257	-.00099	-.00028	z*****
Stddev	.0027	.00577	.00080	.00038	-----
%RSD	.26063	1.5088	80.617	134.39	-----
#1	1.0400	.38665	-.00155	-.00001	z 2336.8
#2	1.0362	.37849	-.00043	-.00055	z 2344.8

Sample Name: A3844-01L Acquired: 8/10/2009 22:58:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.45	274.35	5510.6	9605.2	668.63
Stddev	3.28	.10	35.6	1.6	3.24
%RSD	1.9837	.03694	.64556	.01672	.48401
#1	163.13	274.42	5535.7	9606.3	666.34
#2	167.77	274.27	5485.4	9604.1	670.91

Sample Name: A3844-01S Acquired: 8/10/2009 23:05:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67757	1.8340	1.0148	1.4413	.69500	2.0941	.28073	.19078	.18382
Stddev	.00135	.0082	.0007	.0027	.00410	.0220	.00005	.00149	.00033
%RSD	.19911	.44735	.06677	.18594	.59063	1.0504	.01745	.78300	.17898
#1	.67661	1.8282	1.0153	1.4394	.69210	2.1096	.28070	.19183	.18359
#2	.67852	1.8398	1.0144	1.4432	.69791	2.0785	.28077	.18972	.18405

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.405	.39208	.18446	.28427	6.6240	.57552	8.6960	.46927	.07227
Stddev	.069	.00029	.00056	.00060	.0028	.00234	.0381	.00210	.00012
%RSD	.11633	.07363	.30471	.21088	.04211	.40745	.43863	.44777	.16443
#1	59.356	.39188	.18406	.28469	6.6220	.57718	8.6690	.46779	.07218
#2	59.454	.39229	.18486	.28385	6.6259	.57387	8.7230	.47076	.07235

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.80	.28611	.25604	19.192	.35627	.40894	4.8883	2.7522	.65556
Stddev	.83	.00217	.00299	.063	.00188	.00210	.0049	.0407	.00171
%RSD	.41675	.75878	1.1662	.32612	.52833	.51286	.09963	1.4803	.26076
#1	199.39	.28764	.25393	19.148	.35494	.41042	4.8849	2.7234	.65435
#2	198.22	.28457	.25816	19.236	.35760	.40746	4.8918	2.7811	.65677

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18371	z*****
Stddev	.00099	-----
%RSD	.53730	-----
#1	.18301	z 5560.1
#2	.18441	z 5615.7

Sample Name: A3844-01S Acquired: 8/10/2009 23:05:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.60	272.12	5305.2	9222.2	693.48
Stddev	.78	.44	19.7	32.4	.19
%RSD	.48870	.16111	.37209	.35094	.02719
#1	160.16	272.43	5291.2	9199.3	693.61
#2	159.05	271.81	5319.1	9245.1	693.34

Sample Name: A3844-01SD Acquired: 8/10/2009 23:12:03 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67956	1.8361	1.0138	1.4288	.69117	2.0941	.28031	.19029	.18385
Stddev	.00187	.0001	.0051	.0007	.00308	.0176	.00023	.00163	.00023
%RSD	.27480	.00416	.50307	.05141	.44548	.84121	.08233	.85503	.12585
#1	.68088	1.8361	1.0174	1.4282	.69335	2.1065	.28048	.19144	.18402
#2	.67824	1.8360	1.0102	1.4293	.68899	2.0816	.28015	.18914	.18369

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.514	.39494	.18452	.28603	6.5722	.56801	8.5799	.46465	.07350
Stddev	.319	.00017	.00089	.00126	.0033	.00007	.0272	.00098	.00107
%RSD	.54453	.04230	.48400	.44048	.05010	.01294	.31725	.21093	1.4491
#1	58.288	.39482	.18389	.28692	6.5699	.56806	8.5607	.46535	.07425
#2	58.739	.39505	.18515	.28514	6.5745	.56796	8.5992	.46396	.07275

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	194.47	.28611	.25190	19.098	.35620	.40749	4.7728	2.7383	.65454
Stddev	.85	.00026	.00209	.048	.00052	.00002	.0026	.0177	.00179
%RSD	.43488	.08937	.82930	.24912	.14561	.00430	.05349	.64535	.27381
#1	193.87	.28629	.25338	19.132	.35583	.40748	4.7710	2.7508	.65327
#2	195.07	.28593	.25043	19.064	.35656	.40750	4.7746	2.7258	.65581

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18281	z*****
Stddev	.00072	-----
%RSD	.39540	-----
#1	.18332	z 5583.9
#2	.18230	z 5612.9

Sample Name: A3844-01SD Acquired: 8/10/2009 23:12:03 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.53	272.56	5284.1	9192.9	693.14
Stddev	1.70	.14	34.1	16.3	1.53
%RSD	1.0546	.05016	.64566	.17677	.22069
#1	160.33	272.65	5260.0	9181.4	692.05
#2	162.74	272.46	5308.2	9204.4	694.22

Sample Name: A3844-01A Acquired: 8/10/2009 23:18:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67430	1.8254	1.0117	1.4352	.69316	2.0980	.28054	.18902	.18164
Stddev	.00394	.0102	.0029	.0096	.00476	.0014	.00093	.00161	.00063
%RSD	.58360	.55858	.28120	.66813	.68621	.06456	.33057	.85238	.34727
#1	.67152	1.8182	1.0097	1.4284	.68980	2.0989	.27989	.18788	.18209
#2	.67708	1.8326	1.0138	1.4420	.69652	2.0970	.28120	.19016	.18119

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.910	.39191	.18215	.28476	6.6189	.57133	8.5791	.46095	.07209
Stddev	.430	.00016	.00022	.00192	.0384	.00498	.0964	.00092	.00019
%RSD	.72989	.04106	.12205	.67351	.58048	.87211	1.1237	.19923	.26056
#1	58.606	.39202	.18199	.28340	6.5917	.56780	8.5109	.46030	.07196
#2	59.214	.39180	.18231	.28611	6.6460	.57485	8.6472	.46160	.07222

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	196.53	.28357	.25602	19.170	.35288	.40747	4.8490	2.7723	.64680
Stddev	.91	.00026	.00650	.018	.00351	.00007	.0065	.0130	.00146
%RSD	.46301	.09140	2.5403	.09371	.99327	.01813	.13303	.46966	.22505
#1	197.17	.28338	.26062	19.157	.35040	.40752	4.8535	2.7631	.64577
#2	195.88	.28375	.25142	19.182	.35536	.40741	4.8444	2.7815	.64783

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.18298	z*****
Stddev	.00118	-----
%RSD	.64727	-----
#1	.18214	z 5567.2
#2	.18382	z 5583.2

Sample Name: A3844-01A Acquired: 8/10/2009 23:18:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.88	273.03	5297.7	9211.9	696.31
Stddev	3.83	1.64	1.1	22.1	1.31
%RSD	2.4258	.59912	.02099	.23988	.18855
#1	155.18	274.19	5296.9	9227.5	697.23
#2	160.59	271.87	5298.4	9196.3	695.38

Sample Name: A3844-02 Acquired: 8/10/2009 23:25:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00782	-.02747	.01200	.00380	.00389	.32538	.04575	-.00012
Stddev	.00002	.00324	.00229	.00068	.00029	.00183	.00057	.00000
%RSD	.24649	11.801	19.111	17.946	7.4497	.56385	1.2522	1.3978
#1	-.00780	-.02976	.01038	.00428	.00369	.32668	.04616	-.00012
#2	-.00783	-.02517	.01362	.00332	.00410	.32409	.04535	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	11.176	-.00223	.00053	-.00066	.19224	.00613	2.8697
Stddev	.00010	.010	.00087	.00005	.00043	.00275	.00003	.0026
%RSD	24.676	.09216	39.126	10.297	64.986	1.4280	.45391	.08912
#1	-.00047	11.169	-.00161	.00049	-.00096	.19030	.00611	2.8679
#2	-.00033	11.184	-.00284	.00057	-.00035	.19418	.00615	2.8715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00033	46.809	.00039	.00778	3.4471	.00113	.06520
Stddev	.00003	.00018	.004	.00166	.00003	.0020	.00005	.00134
%RSD	1.5391	53.367	.00945	419.60	.32253	.05912	4.7821	2.0490
#1	-.00185	-.00046	46.812	-.00078	.00776	3.4457	.00117	.06614
#2	-.00181	-.00021	46.806	.00157	.00779	3.4486	.00109	.06425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	10.261	2.2432	-.00100	-.00010	z*****
Stddev	.036	.0163	.00007	.00041	-----
%RSD	.35430	.72749	6.6690	401.55	-----
#1	10.287	2.2547	-.00095	-.00039	z 2349.7
#2	10.236	2.2316	-.00105	.00019	z 2349.4

Sample Name: A3844-02 Acquired: 8/10/2009 23:25:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.67	276.98	5489.0	9649.5	677.22
Stddev	1.26	1.54	14.0	1.9	3.57
%RSD	.74515	.55653	.25589	.01972	.52659
#1	168.78	275.89	5499.0	9648.2	674.69
#2	170.57	278.07	5479.1	9650.9	679.74

Sample Name: A3844-03 Acquired: 8/10/2009 23:32:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00777	-.02764	-.00297	.00611	.00382	.03319	.00634	-.00019
Stddev	.00226	.00075	.00517	.00052	.00109	.00162	.00036	.00001
%RSD	29.142	2.6976	174.02	8.5486	28.641	4.8879	5.6134	4.4768
#1	-.00617	-.02711	.00068	.00648	.00304	.03434	.00659	-.00020
#2	-.00937	-.02817	-.00663	.00574	.00459	.03204	.00609	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	9.6153	-.00126	.00007	.00886	.05568	.01222	1.3136
Stddev	.00016	.0064	.00055	.00007	.00002	.00379	.00020	.0156
%RSD	116.64	.06634	43.989	107.43	.23768	6.8055	1.6599	1.1886
#1	-.00024	9.6108	-.00087	.00012	.00887	.05300	.01207	1.3026
#2	-.00002	9.6198	-.00165	.00002	.00884	.05836	.01236	1.3247

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00025	34.091	-.00028	.01992	3.3086	.00223	.11782
Stddev	.00110	.00007	.034	.00024	.00033	.0005	.00028	.00187
%RSD	63.647	28.201	.09872	86.060	1.6393	.01382	12.543	1.5858
#1	-.00095	.00030	34.115	-.00011	.02015	3.3083	.00203	.11914
#2	-.00251	.00020	34.067	-.00045	.01969	3.3089	.00243	.11650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	20.227	2.6512	-.00165	-.00013	z*****
Stddev	.032	.0029	.00010	.00033	-----
%RSD	.15611	.10778	5.7826	261.16	-----
#1	20.205	2.6532	-.00172	-.00036	z 2340.6
#2	20.250	2.6491	-.00158	.00011	z 2338.7

Sample Name: A3844-03 Acquired: 8/10/2009 23:32:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.14	273.25	5537.7	9547.1	670.31
Stddev	1.08	2.14	4.8	8.9	1.15
%RSD	.65342	.78451	.08594	.09302	.17140
#1	164.38	274.77	5541.1	9540.8	671.12
#2	165.90	271.74	5534.4	9553.4	669.50

Sample Name: A3844-04 Acquired: 8/10/2009 23:38:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00831	-.02597	-.00179	.00520	.00270	.01958	.06684	-.00028
Stddev	.00048	.00175	.00117	.00260	.00125	.00621	.00000	.00000
%RSD	5.7215	6.7372	65.204	50.021	46.268	31.699	.00253	.19934
#1	-.00797	-.02721	-.00097	.00703	.00182	.01519	.06684	-.00028
#2	-.00865	-.02474	-.00262	.00336	.00359	.02397	.06684	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	40.868	.00028	-.00141	.00128	.11522	.02296	10.752
Stddev	.00031	.001	.00032	.00009	.00066	.00328	.00028	.049
%RSD	121.67	.00148	116.47	6.1878	51.614	2.8456	1.2399	.45563
#1	-.00047	40.868	.00005	-.00147	.00174	.11290	.02276	10.718
#2	-.00004	40.867	.00051	-.00135	.00081	.11754	.02316	10.787

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	.00004	69.630	-.00013	.01014	7.0993	.00121	.04030
Stddev	.00059	.00056	.240	.00041	.00023	.0129	.00057	.00010
%RSD	33.875	1416.7	.34443	318.21	2.2962	.18116	46.851	.25158
#1	-.00133	.00043	69.800	-.00042	.01031	7.0902	.00081	.04023
#2	-.00216	-.00035	69.460	.00016	.00998	7.1084	.00161	.04037

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.628	2.0253	.00005	-.00068	z*****
Stddev	.024	.0169	.00101	.00012	-----
%RSD	.20854	.83275	1849.1	17.548	-----
#1	11.611	2.0134	-.00066	-.00077	z 2333.1
#2	11.645	2.0373	.00077	-.00060	z 2355.2

Sample Name: A3844-04 Acquired: 8/10/2009 23:38:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.68	272.41	5392.8	9419.2	679.78
Stddev	.23	.10	4.7	18.6	.68
%RSD	.14016	.03807	.08766	.19799	.10055
#1	161.52	272.48	5396.1	9406.0	680.26
#2	161.84	272.33	5389.5	9432.4	679.30

Sample Name: CCV Acquired: 8/10/2009 23:45:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7384	4.6486	4.7941	4.5945	4.6608	9.4263	9.5753	.24748
Stddev	.0037	.0038	.0167	.0101	.0054	.0698	.0076	.00097
%RSD	.07872	.08262	.34786	.21928	.11592	.74031	.07993	.39386
#1	4.7411	4.6459	4.8059	4.6016	4.6646	9.4756	9.5699	.24816
#2	4.7358	4.6513	4.7823	4.5874	4.6570	9.3769	9.5807	.24679

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4440	24.787	1.0063	2.4374	1.1861	4.7769	2.4097	23.802
Stddev	.0065	.027	.0017	.0055	.0001	.0011	.0011	.089
%RSD	.26412	.10722	.17291	.22626	.00706	.02238	.04605	.37442
#1	2.4486	24.768	1.0051	2.4413	1.1862	4.7776	2.4105	23.865
#2	2.4394	24.805	1.0076	2.4335	1.1860	4.7761	2.4089	23.739

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4651	1.2222	23.976	2.3847	2.3822	23.644	4.6174	4.6590
Stddev	.0015	.0008	.061	.0011	.0104	.052	.0069	.0032
%RSD	.06199	.06781	.25394	.04738	.43521	.21949	.14940	.06907
#1	2.4662	1.2217	24.019	2.3855	2.3895	23.681	4.6125	4.6568
#2	2.4640	1.2228	23.933	2.3839	2.3749	23.608	4.6223	4.6613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.0032	F4.4658	4.9222	4.7194	zF*****
Stddev	.0066	.0022	.0154	.0026	-----
%RSD	.13263	.04806	.31292	.05413	-----
#1	5.0079	4.4643	4.9331	4.7212	z 86121.
#2	4.9985	4.4673	4.9113	4.7176	z 85993.

Sample Name: CCV Acquired: 8/10/2009 23:45:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.35	272.87	5446.5	9600.1	674.16
Stddev	.68	.19	2.1	20.0	2.25
%RSD	.41376	.07071	.03879	.20862	.33367
#1	164.87	272.73	5448.0	9586.0	672.57
#2	165.84	273.01	5445.0	9614.3	675.75

Sample Name: CCB Acquired: 8/10/2009 23:51:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00477	-.01860	-.00158	.00099	.00199	-.01288	-.00468	-.00013
Stddev	.00171	.00012	.00249	.00090	.00130	.00283	.00049	.00004
%RSD	35.839	.65099	157.59	90.852	65.529	21.975	10.429	32.022
#1	-.00597	-.01851	-.00334	.00163	.00107	-.01488	-.00503	-.00010
#2	-.00356	-.01869	.00018	.00035	.00291	-.01088	-.00434	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00131	-.00098	.00006	-.00050	-.00207	-.00001	-.00232
Stddev	.00035	.00845	.00049	.00013	.00021	.00118	.00008	.00858
%RSD	252.38	643.65	50.300	207.01	42.895	57.105	1123.9	369.00
#1	-.00039	-.00466	-.00063	-.00003	-.00035	-.00123	-.00007	.00374
#2	.00011	.00729	-.00133	.00016	-.00065	-.00290	.00005	-.00839

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	-.00010	.00520	-.00051	-.00039	.02274	.00176	.00466
Stddev	.00032	.00064	.00105	.00013	.00009	.00778	.00002	.00173
%RSD	14.033	650.52	20.234	26.068	22.732	34.211	1.3860	37.178
#1	-.00250	.00036	.00445	-.00061	-.00033	.02825	.00174	.00589
#2	-.00205	-.00055	.00594	-.00042	-.00045	.01724	.00178	.00344

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01912	-.00089	-.00066	.00008	z*****
Stddev	.00160	.00814	.00207	.00060	-----
%RSD	8.3529	914.72	312.62	768.45	-----
#1	-.01799	.00487	.00080	.00050	z 2335.1
#2	-.02025	-.00665	-.00212	-.00035	z 2344.6

Sample Name: CCB Acquired: 8/10/2009 23:51:45 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.79	273.98	5506.5	9745.1	639.88
Stddev	1.72	.37	33.5	64.8	.85
%RSD	1.0124	.13421	.60836	.66462	.13224
#1	168.57	273.72	5530.2	9790.9	640.48
#2	171.00	274.24	5482.8	9699.3	639.28

Sample Name: A3844-05 Acquired: 8/10/2009 23:58:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00569	-.01764	.00360	.00232	.00475	.31798	.05650	-.00008
Stddev	.00013	.00054	.00008	.00007	.00013	.01591	.00104	.00005
%RSD	2.2483	3.0626	2.1164	2.8418	2.7974	5.0047	1.8375	64.383
#1	-.00560	-.01726	.00354	.00237	.00465	.32924	.05724	-.00005
#2	-.00578	-.01802	.00365	.00228	.00484	.30673	.05577	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	46.963	-.00172	.00021	.00339	2.3807	.02101	4.0198
Stddev	.00001	.213	.00003	.00048	.00049	.0162	.00004	.0162
%RSD	1.8995	.45260	1.8937	223.05	14.496	.68015	.17254	.40345
#1	.00045	47.113	-.00174	.00055	.00373	2.3921	.02099	4.0313
#2	.00046	46.813	-.00170	-.00012	.00304	2.3692	.02104	4.0084

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00064	380.50	.00172	.02333	8.9470	.00169	.10978
Stddev	.00051	.00052	3.16	.00054	.00068	.0209	.00088	.00031
%RSD	600.35	80.215	.83025	31.471	2.9150	.23329	52.200	.27933
#1	.00028	-.00101	382.74	.00134	.02381	8.9618	.00231	.11000
#2	-.00045	-.00028	378.27	.00211	.02285	8.9322	.00107	.10957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	19.432	2.1005	.00093	.00553	z*****
Stddev	.064	.0664	.00251	.00001	-----
%RSD	.32917	3.1595	270.00	.09845	-----
#1	19.387	2.1474	.00270	.00553	z 2319.3
#2	19.478	2.0536	-.00085	.00552	z 2316.5

Sample Name: A3844-05 Acquired: 8/10/2009 23:58:26 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.26	278.53	5294.9	9413.6	711.63
Stddev	4.15	.52	21.1	89.7	1.70
%RSD	2.6048	.18571	.39807	.95301	.23829
#1	156.33	278.16	5280.0	9350.2	712.83
#2	162.20	278.90	5309.8	9477.0	710.44

Sample Name: A3844-06 Acquired: 8/11/2009 00:05:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	-.02681	.16344	.00504	.00923	1.8265	.04162	-.00013
Stddev	.00085	.00029	.00470	.00133	.00019	.0139	.00107	.00005
%RSD	23.198	1.0915	2.8760	26.452	2.0391	.75968	2.5727	42.011
#1	.00306	-.02701	.16676	.00598	.00910	1.8167	.04086	-.00009
#2	.00426	-.02660	.16012	.00410	.00936	1.8363	.04237	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	27.581	.00611	.00065	.00213	62.822	.15236	7.0622
Stddev	.00010	.043	.00045	.00004	.00027	.316	.00074	.0005
%RSD	13.887	.15765	7.4079	5.8058	12.842	.50247	.48656	.00661
#1	.00066	27.550	.00579	.00062	.00194	62.599	.15184	7.0618
#2	.00080	27.611	.00643	.00068	.00233	63.046	.15288	7.0625

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00050	53.107	.00897	.01351	9.2025	.00287	.07802
Stddev	.00078	.00027	.116	.00046	.00039	.0211	.00022	.00118
%RSD	50.965	54.534	.21887	5.1185	2.8640	.22920	7.4997	1.5181
#1	-.00097	-.00069	53.025	.00864	.01323	9.1875	.00302	.07718
#2	-.00207	-.00030	53.189	.00929	.01378	9.2174	.00272	.07885

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	3.3273	4.2722	-.00140	.06280	z*****
Stddev	.0051	.0965	.00001	.00365	-----
%RSD	.15334	2.2596	.70486	5.8061	-----
#1	3.3309	4.2040	-.00139	.06022	z 2336.5
#2	3.3237	4.3405	-.00140	.06537	z 2347.3

Sample Name: A3844-06 Acquired: 8/11/2009 00:05:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.86	275.97	5487.8	9584.0	671.06
Stddev	1.77	1.33	32.3	14.7	3.17
%RSD	1.0751	.48170	.58900	.15386	.47277
#1	166.12	275.03	5510.7	9594.4	668.81
#2	163.61	276.91	5465.0	9573.5	673.30

Sample Name: A3844-07 Acquired: 8/11/2009 00:11:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.02406	.00097	.00298	.00174	.31083	.03808	-.00024
Stddev	.00375	.00051	.00423	.00100	.00123	.00267	.00073	.00006
%RSD	300.42	2.1015	434.13	33.611	70.637	.85773	1.9139	23.622
#1	.00389	-.02441	-.00202	.00227	.00261	.31271	.03757	-.00020
#2	-.00140	-.02370	.00396	.00369	.00087	.30894	.03860	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	40.420	-.00150	-.00031	.00262	3.9043	.06411	20.733
Stddev	.00003	.165	.00025	.00062	.00073	.0435	.00040	.221
%RSD	11.563	.40918	16.602	201.12	27.695	1.1152	.62094	1.0679
#1	-.00028	40.303	-.00167	-.00074	.00313	3.8735	.06383	20.576
#2	-.00024	40.536	-.00132	.00013	.00211	3.9351	.06439	20.889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.00020	229.17	.00157	.01330	7.7859	.00161	.09380
Stddev	.00006	.00016	1.69	.00009	.00003	.0224	.00093	.00023
%RSD	10.055	79.738	.73834	5.8432	.25578	.28790	57.993	.24265
#1	-.00069	.00031	227.97	.00151	.01328	7.7700	.00095	.09364
#2	-.00060	.00009	230.37	.00164	.01333	7.8017	.00227	.09396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	10.569	2.4180	-.00197	.00490	z*****
Stddev	.009	.0424	.00008	.00043	-----
%RSD	.08317	1.7519	4.2601	8.8392	-----
#1	10.563	2.3880	-.00191	.00521	z 2334.4
#2	10.575	2.4479	-.00203	.00460	z 2328.7

Sample Name: A3844-07 Acquired: 8/11/2009 00:11:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.57	276.31	5346.4	9239.2	700.18
Stddev	.31	1.05	2.7	17.8	1.90
%RSD	.19483	.38131	.05107	.19296	.27099
#1	157.36	275.56	5348.4	9251.8	698.84
#2	157.79	277.05	5344.5	9226.6	701.52

Sample Name: A3855-08 Acquired: 8/11/2009 00:18:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00777	-.02412	.03669	.00177	.00410	1.7575	.05821	-.00007
Stddev	.00010	.00267	.00229	.00266	.00272	.0034	.00059	.00010
%RSD	1.2902	11.060	6.2493	150.24	66.440	.19466	1.0057	142.67
#1	.00784	-.02600	.03831	-.00011	.00217	1.7551	.05862	.00000
#2	.00770	-.02223	.03506	.00365	.00603	1.7599	.05779	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	37.485	.00649	-.00053	.00357	31.806	.02182	59.402
Stddev	.00032	.155	.00031	.00037	.00068	.077	.00001	.181
%RSD	98.731	.41339	4.7523	69.773	19.096	.24075	.05260	.30428
#1	.00010	37.594	.00671	-.00078	.00309	31.860	.02183	59.529
#2	.00055	37.375	.00628	-.00027	.00405	31.751	.02181	59.274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00030	165.44	.00756	.00776	8.1182	.00454	.09128
Stddev	.00018	.00032	.68	.00082	.00061	.0094	.00073	.00007
%RSD	4.1674	105.31	.41068	10.881	7.8137	.11562	16.136	.07649
#1	.00453	-.00008	165.92	.00698	.00819	8.1115	.00402	.09133
#2	.00427	-.00052	164.96	.00814	.00733	8.1248	.00506	.09123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.58516	4.0768	-.00009	.05578	z*****
Stddev	.00040	.0162	.00066	.00269	-----
%RSD	.06885	.39619	704.52	4.8221	-----
#1	.58488	4.0882	-.00056	.05388	z 2348.2
#2	.58545	4.0654	.00037	.05768	z 2335.4

Sample Name: A3855-08 Acquired: 8/11/2009 00:18:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.92	271.97	5290.3	9339.6	685.02
Stddev	.41	2.95	27.9	46.9	2.87
%RSD	.25374	1.0833	.52824	.50228	.41840
#1	160.20	269.88	5270.6	9306.5	682.99
#2	159.63	274.05	5310.1	9372.8	687.04

Sample Name: A3844-09 Acquired: 8/11/2009 00:25:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00739	-.02068	.00043	.00271	.00166	.56755	.10064	-.00017
Stddev	.00175	.00026	.00291	.00048	.00163	.00266	.00003	.00001
%RSD	23.715	1.2798	683.52	17.705	98.298	.46922	.03057	8.0343
#1	-.00863	-.02087	.00249	.00237	.00281	.56944	.10062	-.00017
#2	-.00615	-.02050	-.00163	.00305	.00051	.56567	.10066	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	49.548	-.00061	-.00062	.00668	1.4376	.02874	7.4110
Stddev	.00000	.195	.00093	.00049	.00070	.0043	.00032	.0024
%RSD	1.8264	.39336	152.83	77.685	10.557	.30160	1.1097	.03294
#1	-.00022	49.410	.00005	-.00028	.00718	1.4346	.02852	7.4093
#2	-.00023	49.686	-.00126	-.00097	.00618	1.4407	.02897	7.4127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00057	274.34	.00214	.56552	8.0963	.00092	.05754
Stddev	.00037	.00082	1.03	.00036	.00517	.0013	.00025	.00054
%RSD	304.54	143.93	.37483	16.688	.91457	.01625	27.648	.93431
#1	-.00038	-.00115	273.61	.00240	.56187	8.0954	.00110	.05715
#2	.00014	.00001	275.06	.00189	.56918	8.0972	.00074	.05792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	9.6923	2.9473	-.00104	.01709	z*****
Stddev	.0080	.0170	.00041	.00008	-----
%RSD	.08257	.57607	39.124	.46148	-----
#1	9.6980	2.9353	-.00076	.01703	z 2337.9
#2	9.6867	2.9593	-.00133	.01714	z 2363.0

Sample Name: A3844-09 Acquired: 8/11/2009 00:25:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.39	278.21	5264.6	9359.8	702.86
Stddev	1.50	.26	17.6	17.5	.45
%RSD	.93935	.09319	.33391	.18668	.06405
#1	160.45	278.40	5277.1	9372.2	702.54
#2	158.33	278.03	5252.2	9347.4	703.17

Sample Name: A3844-10 Acquired: 8/11/2009 00:32:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	-.02912	.36635	.00611	.00147	.94882	.10024	.00029
Stddev	.00197	.00097	.00133	.00141	.00089	.00438	.00039	.00016
%RSD	25.316	3.3223	.36265	23.107	60.989	.46157	.38434	54.177
#1	-.00638	-.02981	.36541	.00511	.00210	.95191	.10051	.00041
#2	-.00917	-.02844	.36729	.00711	.00083	.94572	.09997	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	30.125	.00026	.00302	.00258	1.1099	.07142	15.354
Stddev	.00015	.018	.00011	.00051	.00012	.0005	.00037	.031
%RSD	2230.9	.06098	41.754	17.028	4.6924	.04481	.51969	.20084
#1	.00010	30.138	.00018	.00338	.00266	1.1102	.07115	15.332
#2	-.00011	30.112	.00033	.00265	.00249	1.1095	.07168	15.376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00016	88.776	.00091	.02117	6.6361	.00183	.03561
Stddev	.00020	.00016	.446	.00006	.00009	.0403	.00008	.00042
%RSD	9.2394	98.281	.50238	7.0339	.41286	.60733	4.2976	1.1859
#1	.00198	.00027	88.460	.00095	.02111	6.6076	.00188	.03590
#2	.00226	.00005	89.091	.00086	.02124	6.6646	.00177	.03531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	7.3815	2.6005	-.00035	.00183	z*****
Stddev	.0026	.0105	.00193	.00005	-----
%RSD	.03530	.40271	550.98	2.4830	-----
#1	7.3833	2.5931	-.00171	.00186	z 2348.7
#2	7.3796	2.6079	.00101	.00180	z 2323.0

Sample Name: A3844-10 Acquired: 8/11/2009 00:32:01 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.66	283.41	5596.6	9899.3	680.94
Stddev	2.40	1.00	35.8	23.6	2.34
%RSD	1.4299	.35429	.64035	.23798	.34338
#1	169.36	282.70	5571.2	9882.6	679.28
#2	165.97	284.12	5621.9	9915.9	682.59

Sample Name: A3844-11 Acquired: 8/11/2009 00:38:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	-.02164	.00295	.00313	-.00008	3.4422	.11677	-.00012
Stddev	.00022	.00131	.00098	.00139	.00247	.0114	.00023	.00005
%RSD	3.4931	6.0516	33.256	44.339	3181.6	.33152	.19447	42.396
#1	-.00604	-.02256	.00365	.00412	.00167	3.4503	.11694	-.00008
#2	-.00635	-.02071	.00226	.00215	-.00183	3.4341	.11661	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	109.39	.00267	-.00062	.00253	4.7223	.00797	11.139
Stddev	.00010	.49	.00095	.00027	.00036	.0031	.00018	.010
%RSD	50.100	.44635	35.688	43.761	14.374	.06472	2.2910	.08630
#1	-.00028	109.05	.00199	-.00043	.00279	4.7201	.00784	11.133
#2	-.00013	109.74	.00334	-.00081	.00227	4.7244	.00810	11.146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00025	268.54	.00628	.00937	10.695	.00102	.10896
Stddev	.00041	.00056	2.29	.00095	.00025	.041	.00001	.00146
%RSD	82.135	223.26	.85247	15.101	2.7171	.38237	.82120	1.3360
#1	-.00021	-.00065	270.16	.00561	.00919	10.724	.00101	.10793
#2	-.00079	.00015	266.93	.00695	.00955	10.666	.00102	.10999

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	22.739	5.1600	-.00046	.08501	z*****
Stddev	.001	.0374	.00129	.00190	-----
%RSD	.00220	.72385	282.04	2.2409	-----
#1	22.738	5.1864	.00046	.08366	z 2342.2
#2	22.739	5.1336	-.00137	.08635	z 2371.7

Sample Name: A3844-11 Acquired: 8/11/2009 00:38:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.44	267.61	5236.7	9252.4	690.15
Stddev	.07	.02	11.2	7.8	.47
%RSD	.04499	.00917	.21382	.08381	.06806
#1	156.49	267.63	5244.6	9246.9	689.82
#2	156.39	267.59	5228.8	9257.9	690.48

Sample Name: A3844-12 Acquired: 8/11/2009 00:45:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00719	-.03129	.15820	.00471	.00242	1.6118	.06045	.00009
Stddev	.00090	.00013	.00429	.00083	.00144	.0060	.00007	.00008
%RSD	12.446	.41838	2.7111	17.588	59.598	.37094	.12271	85.556
#1	-.00782	-.03120	.16124	.00529	.00140	1.6075	.06051	.00014
#2	-.00656	-.03138	.15517	.00412	.00343	1.6160	.06040	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	26.724	.00352	.00099	.00346	7.5215	.04170	5.9629
Stddev	.00001	.035	.00081	.00018	.00012	.0230	.00050	.0141
%RSD	5.1485	.13282	22.949	17.808	3.5760	.30588	1.1934	.23716
#1	-.00014	26.749	.00295	.00087	.00338	7.5052	.04135	5.9729
#2	-.00013	26.699	.00409	.00112	.00355	7.5378	.04205	5.9529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.00033	51.859	.00537	.01982	13.443	.00266	.07135
Stddev	.00150	.00002	.409	.00176	.00030	.052	.00003	.00044
%RSD	54.696	7.0251	.78896	32.672	1.5075	.38337	.99734	.62067
#1	.00168	-.00031	52.148	.00661	.02003	13.479	.00264	.07103
#2	.00380	-.00034	51.569	.00413	.01961	13.406	.00268	.07166

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	17.041	3.3520	-.00285	.02717	z*****
Stddev	.018	.0004	.00155	.00178	-----
%RSD	.10686	.01116	54.444	6.5504	-----
#1	17.029	3.3523	-.00395	.02591	z 2327.7
#2	17.054	3.3518	-.00175	.02842	z 2350.4

Sample Name: A3844-12 Acquired: 8/11/2009 00:45:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.87	279.92	5620.8	9815.0	673.25
Stddev	4.44	3.20	2.0	21.0	.13
%RSD	2.6590	1.1426	.03622	.21389	.01961
#1	163.73	277.66	5622.3	9800.2	673.34
#2	170.01	282.19	5619.4	9829.8	673.15

Sample Name: A3844-13 Acquired: 8/11/2009 00:51:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00616	-.02826	-.00161	.00357	.00137	.73437	.03429	-.00021
Stddev	.00225	.00248	.00040	.00034	.00004	.00459	.00032	.00001
%RSD	36.493	8.7579	24.568	9.5846	2.5998	.62544	.92226	3.7790
#1	-.00457	-.03001	-.00133	.00382	.00135	.73113	.03406	-.00021
#2	-.00775	-.02651	-.00189	.00333	.00140	.73762	.03451	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	60.032	-.00082	-.00004	.00091	1.4141	.00541	7.0235
Stddev	.00007	.144	.00116	.00022	.00012	.0058	.00002	.0102
%RSD	13.089	.23964	141.28	520.60	13.205	.40958	.44065	.14550
#1	-.00046	59.930	.00000	.00011	.00099	1.4100	.00539	7.0307
#2	-.00055	60.134	-.00165	-.00020	.00082	1.4182	.00543	7.0163

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	.00003	38.033	.00220	.01376	13.462	.00158	.09214
Stddev	.00118	.00010	.010	.00031	.00054	.004	.00022	.00145
%RSD	102.38	327.11	.02745	14.133	3.8909	.03008	14.002	1.5775
#1	-.00032	-.00004	38.025	.00242	.01414	13.464	.00142	.09111
#2	-.00199	.00010	38.040	.00198	.01338	13.459	.00173	.09316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	11.549	2.1554	-.00061	.01591	z*****
Stddev	.004	.0236	.00079	.00034	-----
%RSD	.03412	1.0945	130.76	2.1245	-----
#1	11.546	2.1721	-.00117	.01567	z 2343.3
#2	11.552	2.1387	-.00005	.01615	z 2353.7

Sample Name: A3844-13 Acquired: 8/11/2009 00:51:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.08	269.62	5393.7	9322.9	670.61
Stddev	.66	1.66	20.2	23.1	.17
%RSD	.41959	.61719	.37431	.24743	.02495
#1	157.61	268.44	5379.5	9306.6	670.49
#2	158.55	270.79	5408.0	9339.2	670.73

Sample Name: A3844-14 Acquired: 8/11/2009 00:58:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00604	-.02462	.04219	.00104	.00264	2.9345	.09106	.00030
Stddev	.00053	.00014	.00070	.00039	.00064	.0264	.00107	.00006
%RSD	8.7314	.57775	1.6489	37.560	24.362	.89943	1.1751	18.874
#1	-.00567	-.02472	.04170	.00132	.00218	2.9532	.09181	.00035
#2	-.00642	-.02452	.04268	.00076	.00309	2.9159	.09030	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	31.218	.00405	.00103	.00353	6.3672	.03689	6.5220
Stddev	.00002	.062	.00122	.00040	.00112	.0328	.00027	.0412
%RSD	10.566	.19832	30.110	39.122	31.696	.51589	.74536	.63199
#1	.00018	31.262	.00319	.00131	.00432	6.3904	.03669	6.5511
#2	.00015	31.174	.00492	.00074	.00274	6.3440	.03708	6.4928

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00008	142.48	.00568	.02880	5.1281	.00206	.05967
Stddev	.00105	.00059	.07	.00066	.00023	.0314	.00015	.00231
%RSD	169.56	768.93	.04837	11.585	.79168	.61167	7.2308	3.8756
#1	-.00012	-.00034	142.53	.00614	.02864	5.1503	.00195	.06130
#2	.00136	.00050	142.43	.00521	.02896	5.1059	.00216	.05803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	10.850	3.9392	-.00075	.04165	z*****
Stddev	.044	.1105	.00204	.00012	-----
%RSD	.40454	2.8055	272.77	.29899	-----
#1	10.819	4.0173	.00069	.04174	z 2373.3
#2	10.881	3.8610	-.00219	.04156	z 2378.4

Sample Name: A3844-14 Acquired: 8/11/2009 00:58:36 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	172.49	288.48	5684.6	9984.6	687.86
Stddev	1.73	.83	6.6	58.2	.65
%RSD	1.0046	.28679	.11679	.58290	.09492
#1	171.26	289.06	5679.9	9943.5	688.32
#2	173.71	287.89	5689.2	10026.	687.40

Sample Name: CCV Acquired: 8/11/2009 01:05:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7190	4.7252	4.8426	4.5729	4.6487	9.5751	9.7652	.25159	2.4740
Stddev	.0292	.0056	.0015	.0345	.0364	.0231	.1373	.00216	.0088
%RSD	.61830	.11923	.03141	.75475	.78385	.24102	1.4055	.86048	.35368
#1	4.7396	4.7213	4.8415	4.5973	4.6745	9.5915	9.8622	.25312	2.4678
#2	4.6983	4.7292	4.8437	4.5485	4.6229	9.5588	9.6681	.25006	2.4802

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.136	1.0110	2.4679	1.2023	4.8081	2.4257	24.091	2.4927	1.2244
Stddev	.108	.0078	.0080	.0009	.0169	.0022	.033	.0037	.0042
%RSD	.42836	.76992	.32355	.07538	.35136	.08951	.13558	.14868	.34129
#1	25.060	1.0165	2.4622	1.2017	4.8200	2.4273	24.068	2.4901	1.2274
#2	25.212	1.0055	2.4735	1.2030	4.7961	2.4242	24.114	2.4954	1.2214

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.509	2.4369	2.4282	23.960	4.6477	4.6875	5.0046	4.5644	4.9829
Stddev	.042	.0079	.0228	.068	.0296	.0034	.0094	.0212	.0216
%RSD	.17173	.32537	.93921	.28500	.63676	.07157	.18797	.46394	.43442
#1	24.539	2.4425	2.4443	24.009	4.6686	4.6851	4.9980	4.5794	4.9676
#2	24.479	2.4313	2.4120	23.912	4.6268	4.6899	5.0113	4.5494	4.9982

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7615	zF*****
Stddev	.0083	-----
%RSD	.17367	-----
#1	4.7674	z 87048.
#2	4.7557	z 87113.

Sample Name: CCV Acquired: 8/11/2009 01:05:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.64	272.12	5436.0	9493.1	668.33
Stddev	1.91	2.33	12.6	26.3	.37
%RSD	1.1755	.85457	.23254	.27724	.05524
#1	161.29	270.48	5427.1	9474.4	668.59
#2	163.99	273.77	5445.0	9511.7	668.07

Sample Name: CCB Acquired: 8/11/2009 01:11:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00444	-.01947	-.00244	.00046	.00378	.00251	-.00488	-.00013
Stddev	.00070	.00344	.00035	.00155	.00143	.01017	.00004	.00006
%RSD	15.654	17.684	14.251	339.44	37.897	405.16	.87724	45.537
#1	-.00395	-.02191	-.00219	-.00064	.00479	-.00468	-.00485	-.00009
#2	-.00493	-.01704	-.00269	.00155	.00276	.00970	-.00491	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00278	-.00036	.00110	-.00055	-.00241	-.00015	.00153
Stddev	.0002	.00142	.00029	.00023	.00100	.00100	.00015	.02489
%RSD	7549.7	51.235	81.547	20.972	183.61	41.669	98.510	1622.2
#1	.00015	-.00379	-.00015	.00094	.00016	-.00312	-.00026	-.01606
#2	-.00016	-.00177	-.00057	.00126	-.00125	-.00170	-.00005	.01913

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.00015	.01175	.00019	-.00050	.02092	.00153	.00420
Stddev	.00041	.00035	.00291	.00041	.00002	.00621	.00045	.00147
%RSD	32.599	228.40	24.759	213.01	4.9426	29.674	29.332	35.037
#1	-.00098	-.00009	.01380	-.00010	-.00048	.02531	.00185	.00525
#2	-.00156	.00040	.00969	.00048	-.00052	.01653	.00121	.00316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02101	-.01944	-.00273	.00052	z*****
Stddev	.00045	.01752	.00037	.00077	-----
%RSD	2.1220	90.122	13.578	148.49	-----
#1	-.02132	-.00705	-.00299	.00106	z 2343.6
#2	-.02069	-.03183	-.00247	-.00003	z 2338.1

Sample Name: CCB Acquired: 8/11/2009 01:11:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.21	271.64	5507.6	9663.6	634.72
Stddev	4.43	1.99	5.9	62.2	2.17
%RSD	2.6315	.73147	.10759	.64383	.34127
#1	171.34	270.24	5511.7	9707.6	633.19
#2	165.08	273.05	5503.4	9619.6	636.25

Sample Name: A3844-15 Acquired: 8/11/2009 01:18:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	-.02812	.23473	.00533	.00475	1.1343	.04341	.00004
Stddev	.00156	.00107	.00240	.00041	.00086	.0040	.00022	.00003
%RSD	50.439	3.8082	1.0234	7.6313	18.205	.35206	.50445	66.170
#1	-.00419	-.02887	.23642	.00562	.00536	1.1371	.04325	.00002
#2	-.00199	-.02736	.23303	.00504	.00414	1.1314	.04356	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	33.969	.00643	.00073	.00298	51.494	.09215	8.6768
Stddev	.00003	.022	.00111	.00116	.00040	.208	.00029	.0105
%RSD	4.2781	.06503	17.230	159.78	13.502	.40363	.31310	.12088
#1	.00057	33.954	.00721	-.00009	.00327	51.641	.09195	8.6694
#2	.00061	33.985	.00565	.00155	.00270	51.347	.09236	8.6842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	-.00081	121.92	.00717	.01063	10.228	.00299	.06239
Stddev	.00018	.00037	.75	.00076	.00015	.004	.00034	.00125
%RSD	7.4516	45.813	.61278	10.607	1.4148	.04283	11.393	1.9956
#1	-.00227	-.00055	121.39	.00663	.01074	10.231	.00275	.06327
#2	-.00252	-.00107	122.45	.00771	.01053	10.225	.00323	.06151

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.9890	3.0972	.00011	.04540	z*****
Stddev	.0038	.0393	.00017	.00455	-----
%RSD	.06300	1.2678	160.32	10.020	-----
#1	5.9917	3.0694	.00023	.04862	z 2323.5
#2	5.9863	3.1249	-.00001	.04219	z 2321.6

Sample Name: A3844-15 Acquired: 8/11/2009 01:18:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.73	271.70	5333.8	9445.6	681.11
Stddev	4.35	1.36	1.7	27.1	1.94
%RSD	2.7084	.50056	.03133	.28713	.28446
#1	157.65	272.66	5332.6	9426.4	679.74
#2	163.81	270.74	5335.0	9464.8	682.48

Sample Name: A3844-16 Acquired: 8/11/2009 01:25:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	-.03171	-.00046	.00477	.00241	1.2711	.08140	.00006
Stddev	.00003	.00200	.00007	.00071	.00080	.0203	.00031	.00010
%RSD	.42735	6.3086	15.272	14.908	33.320	1.5973	.37550	154.46
#1	-.00620	-.03312	-.00041	.00427	.00297	1.2854	.08162	-.00001
#2	-.00617	-.03029	-.00051	.00528	.00184	1.2567	.08119	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	14.400	.00335	.00216	.00362	2.4778	.02263	4.4377
Stddev	.00024	.038	.00080	.00018	.00006	.0037	.00009	.0352
%RSD	277.01	.26143	23.725	8.4172	1.7305	.14730	.40629	.79394
#1	.00008	14.374	.00392	.00229	.00366	2.4803	.02270	4.4128
#2	-.00025	14.427	.00279	.00203	.00357	2.4752	.02257	4.4626

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00011	54.040	.00431	.01874	2.8775	.00163	.05420
Stddev	.00037	.00107	.037	.00008	.00009	.0229	.00012	.00003
%RSD	21.096	934.75	.06779	1.8642	.47796	.79657	7.4162	.06198
#1	.00202	.00064	54.066	.00425	.01868	2.8937	.00172	.05418
#2	.00150	-.00087	54.014	.00436	.01881	2.8613	.00155	.05422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.7741	3.9338	-.00111	.02520	z*****
Stddev	.0050	.0058	.00095	.00183	-----
%RSD	.10515	.14678	85.399	7.2654	-----
#1	4.7705	3.9379	-.00178	.02649	z 2315.0
#2	4.7776	3.9297	-.00044	.02390	z 2303.1

Sample Name: A3844-16 Acquired: 8/11/2009 01:25:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.48	276.04	5518.0	9769.9	670.48
Stddev	1.29	.72	24.1	15.8	1.03
%RSD	.77806	.25958	.43659	.16220	.15433
#1	164.57	275.53	5500.9	9758.7	669.74
#2	166.39	276.54	5535.0	9781.1	671.21

Sample Name: A3844-17 Acquired: 8/11/2009 01:31:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00950	-.03154	-.00050	.00433	.00284	.15040	.01599	-.00027
Stddev	.00001	.00141	.00202	.00031	.00003	.00644	.00041	.00000
%RSD	.05594	4.4612	403.19	7.1101	.89722	4.2793	2.5754	1.5545
#1	-.00951	-.03055	-.00193	.00455	.00286	.14585	.01570	-.00027
#2	-.00950	-.03254	.00093	.00412	.00282	.15495	.01628	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	17.503	.00008	.00008	.00300	.56176	.00160	4.0284
Stddev	.00019	.064	.00047	.00071	.00070	.00303	.00003	.0767
%RSD	29.918	.36398	578.33	906.25	23.427	.53914	2.0748	1.9039
#1	-.00049	17.458	-.00025	-.00042	.00250	.56390	.00157	3.9742
#2	-.00075	17.549	.00042	.00058	.00349	.55962	.00162	4.0827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00373	-.00014	23.603	.00062	.03935	4.8058	.00163	.06685
Stddev	.00192	.00006	.071	.00027	.00085	.0048	.00053	.00059
%RSD	51.470	42.797	.30012	43.102	2.1473	.09917	32.264	.87627
#1	-.00237	-.00010	23.654	.00043	.03876	4.8025	.00200	.06726
#2	-.00509	-.00018	23.553	.00081	.03995	4.8092	.00126	.06643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	9.2088	1.4267	-.00013	.00289	z*****
Stddev	.0094	.0424	.00174	.00030	-----
%RSD	.10153	2.9699	1364.3	10.411	-----
#1	9.2154	1.3967	.00111	.00267	z 2296.4
#2	9.2022	1.4566	-.00136	.00310	z 2319.8

Sample Name: A3844-17 Acquired: 8/11/2009 01:31:51 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.84	268.49	5419.2	9518.1	660.11
Stddev	.72	1.16	19.7	32.9	1.93
%RSD	.44638	.43279	.36306	.34514	.29279
#1	160.34	267.67	5433.1	9541.3	658.74
#2	161.35	269.31	5405.2	9494.9	661.48

Sample Name: A3844-18 Acquired: 8/11/2009 01:38:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00858	-.02839	.00250	.00475	.00269	.11281	.08155	-.00020
Stddev	.00146	.00223	.00253	.00136	.00148	.00285	.00012	.00003
%RSD	16.965	7.8558	101.28	28.646	55.021	2.5249	.14554	15.271
#1	-.00755	-.02682	.00429	.00571	.00164	.11482	.08164	-.00022
#2	-.00961	-.02997	.00071	.00379	.00373	.11080	.08147	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	81.164	.00240	.00030	.00477	.24089	.09069	29.121
Stddev	.00016	.370	.00062	.00011	.00038	.00007	.00024	.018
%RSD	65.627	.45577	25.699	35.475	8.0242	.02705	.25974	.06023
#1	-.00037	80.902	.00196	.00037	.00504	.24085	.09053	29.108
#2	-.00013	81.425	.00284	.00022	.00450	.24094	.09086	29.133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00068	133.60	.00080	.02778	7.2091	.00073	.03812
Stddev	.00082	.00079	1.12	.00047	.00015	.0072	.00018	.00143
%RSD	87.103	116.40	.84158	59.702	.52857	.09960	24.624	3.7543
#1	-.00153	-.00124	134.39	.00113	.02768	7.2040	.00086	.03914
#2	-.00036	-.00012	132.80	.00046	.02789	7.2142	.00061	.03711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	25.860	2.4949	.00025	.00021	z*****
Stddev	.065	.0477	.00005	.00026	-----
%RSD	.25075	1.9112	21.923	120.11	-----
#1	25.906	2.4612	.00021	.00040	z 2361.3
#2	25.815	2.5287	.00029	.00003	z 2372.9

Sample Name: A3844-18 Acquired: 8/11/2009 01:38:30 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.85	274.10	5362.7	9293.3	685.78
Stddev	1.06	.55	3.2	8.4	3.17
%RSD	.66260	.20179	.05925	.09061	.46205
#1	160.60	273.71	5360.5	9299.3	683.54
#2	159.10	274.49	5365.0	9287.4	688.02

Sample Name: A3844-19 Acquired: 8/11/2009 01:45:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00742	-.02553	.00243	.00431	.00394	.12852	.08363	-.00017
Stddev	.00032	.00030	.00062	.00101	.00162	.00271	.00120	.00004
%RSD	4.2695	1.1667	25.524	23.442	41.149	2.1059	1.4379	25.322
#1	-.00764	-.02532	.00199	.00502	.00508	.12661	.08278	-.00020
#2	-.00720	-.02575	.00287	.00359	.00279	.13044	.08448	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	82.432	.00132	-.00015	.00516	.21003	.09264	29.575
Stddev	.00001	.578	.00057	.00118	.00006	.00002	.00052	.269
%RSD	5.3952	.70074	43.014	764.71	1.1815	.01049	.56445	.90975
#1	-.00021	82.023	.00092	.00068	.00520	.21002	.09227	29.385
#2	-.00019	82.840	.00172	-.00099	.00512	.21005	.09301	29.765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00003	135.80	.00064	.03036	7.3936	.00134	.03820
Stddev	.00016	.00026	.23	.00163	.00010	.0444	.00004	.00050
%RSD	26.637	877.82	.16688	253.37	.31834	.59992	2.7545	1.3175
#1	-.00072	.00016	135.96	.00179	.03042	7.3622	.00137	.03785
#2	-.00049	-.00022	135.64	-.00051	.03029	7.4249	.00131	.03856

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	26.227	2.5649	-.00124	.00081	z*****
Stddev	.065	.0438	.00005	.00050	-----
%RSD	.24647	1.7064	4.1126	62.049	-----
#1	26.181	2.5339	-.00128	.00117	z 2349.1
#2	26.273	2.5958	-.00121	.00046	z 2372.0

Sample Name: A3844-19 Acquired: 8/11/2009 01:45:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.39	271.01	5351.0	9272.1	682.29
Stddev	1.27	1.91	1.1	21.4	.76
%RSD	.81108	.70462	.01975	.23029	.11190
#1	155.50	272.36	5351.8	9287.2	682.83
#2	157.29	269.66	5350.3	9257.1	681.75

Sample Name: A3844-20 Acquired: 8/11/2009 01:51:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00521	-.02868	.11569	.00300	.00126	.86624	.03104	-.00012
Stddev	.00039	.00127	.00042	.00203	.00149	.00277	.00056	.00007
%RSD	7.4634	4.4401	.36687	67.895	118.40	.31988	1.8072	55.963
#1	-.00549	-.02778	.11539	.00444	.00021	.86428	.03144	-.00007
#2	-.00494	-.02958	.11599	.00156	.00232	.86820	.03065	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	68.281	.00235	.00598	.00156	4.5281	.03088	51.223
Stddev	.00017	.458	.00030	.00002	.00032	.0290	.00019	.176
%RSD	113.32	.67015	12.938	.39589	20.717	.64113	.62796	.34403
#1	-.00003	68.605	.00214	.00600	.00133	4.5486	.03102	51.347
#2	-.00027	67.958	.00257	.00597	.00179	4.5076	.03075	51.098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	-.00114	37.666	.00386	.01677	5.8183	.00195	.10707
Stddev	.00011	.00040	.142	.00095	.00055	.0226	.00064	.00032
%RSD	2.3676	35.202	.37603	24.523	3.2827	.38795	33.010	.29685
#1	.00452	-.00086	37.766	.00319	.01716	5.8343	.00149	.10685
#2	.00437	-.00142	37.566	.00453	.01638	5.8024	.00240	.10729

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	78.267	3.3139	-.00073	.02589	z*****
Stddev	.131	.0293	.00049	.00267	-----
%RSD	.16750	.88356	67.223	10.301	-----
#1	78.360	3.3346	-.00107	.02401	z 2356.4
#2	78.174	3.2932	-.00038	.02778	z 2345.8

Sample Name: A3844-20 Acquired: 8/11/2009 01:51:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	180.55	307.08	6071.0	10697.	667.94
Stddev	.75	.22	16.6	72.	1.32
%RSD	.41364	.07023	.27329	.67672	.19708
#1	181.07	306.93	6059.3	10646.	667.01
#2	180.02	307.24	6082.7	10749.	668.87

Sample Name: PB43945BL Acquired: 8/11/2009 01:58:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00540	-.02023	-.00444	.00033	.00263	.00039	-.00495	-.00009
Stddev	.00073	.00306	.00043	.00028	.00131	.00746	.00004	.00003
%RSD	13.585	15.108	9.6174	85.548	49.886	1927.1	.80631	37.112
#1	-.00488	-.01807	-.00414	.00053	.00170	-.00489	-.00492	-.00012
#2	-.00591	-.02240	-.00474	.00013	.00356	.00566	-.00498	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00068	-.00084	.00031	-.00110	-.00244	-.00017	-.01660
Stddev	.00021	.00148	.00057	.00035	.00035	.00294	.00002	.00035
%RSD	495.34	218.18	68.073	113.85	31.654	120.54	14.857	2.1361
#1	-.00020	.00037	-.00125	.00006	-.00085	-.00036	-.00018	-.01635
#2	.00011	-.00173	-.00044	.00055	-.00134	-.00451	-.00015	-.01685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00039	.00369	.00031	-.00056	.01486	.00082	.00054
Stddev	.00077	.00089	.00451	.00080	.00010	.00782	.00039	.00007
%RSD	65.745	229.94	122.31	260.19	18.128	52.612	47.855	12.878
#1	-.00062	-.00102	.00050	.00087	-.00049	.00933	.00110	.00059
#2	-.00171	.00024	.00688	-.00026	-.00064	.02038	.00054	.00049

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01847	-.01363	-.00153	.00022	z*****
Stddev	.00130	.01558	.00049	.00045	-----
%RSD	7.0628	114.24	32.005	208.15	-----
#1	-.01939	-.02465	-.00118	.00053	z 2327.5
#2	-.01755	-.00262	-.00188	-.00010	z 2316.4

Sample Name: PB43945BL Acquired: 8/11/2009 01:58:35 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.27	272.25	5503.2	9740.8	634.04
Stddev	.27	1.51	6.3	14.6	.91
%RSD	.15962	.55495	.11370	.15016	.14349
#1	168.46	273.32	5507.6	9730.5	633.40
#2	168.08	271.18	5498.8	9751.2	634.69

Sample Name: PB43945BS Acquired: 8/11/2009 02:05:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74872	1.7437	.92465	1.7888	.90446	1.7424	.19925
Stddev	.00126	.0020	.00198	.0024	.00277	.0065	.00079
%RSD	.16782	.11514	.21379	.13285	.30664	.37558	.39501
#1	.74783	1.7423	.92325	1.7871	.90642	1.7377	.19980
#2	.74961	1.7451	.92605	1.7905	.90250	1.7470	.19869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19927	.20094	1.0390	.39518	.19608	.27713	2.9554
Stddev	.00072	.00015	.0008	.00361	.00065	.00044	.0139
%RSD	.36356	.07275	.07763	.91466	.33190	.15874	.47175
#1	.19978	.20104	1.0384	.39774	.19562	.27744	2.9455
#2	.19876	.20083	1.0396	.39263	.19654	.27682	2.9652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19812	1.9367	.49263	.06589	2.9455	.28809	.19124
Stddev	.00010	.0175	.00448	.00039	.0024	.00009	.00452
%RSD	.05258	.90264	.91028	.59410	.08239	.03095	2.3610
#1	.19804	1.9490	.48946	.06562	2.9438	.28802	.19443
#2	.19819	1.9243	.49580	.06617	2.9472	.28815	.18804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6990	.44953	.28065	F-.00085	1.0322	F.84055	.23322
Stddev	.0089	.00097	.00109	.00431	.0106	.00620	.00061
%RSD	.09226	.21623	.39001	507.12	1.0306	.73806	.26176
#1	9.6927	.45021	.28142	.00220	1.0247	.83617	.23365
#2	9.7054	.44884	.27987	-.00390	1.0397	.84494	.23279

Sample Name: PB43945BS Acquired: 8/11/2009 02:05:15 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5787.5
#2	z 5820.7

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.79	273.47	5467.5	9466.7	658.27
Stddev	3.81	.72	24.2	18.6	1.02
%RSD	2.2976	.26374	.44233	.19640	.15432
#1	163.10	272.96	5450.4	9453.5	658.99
#2	168.49	273.98	5484.6	9479.8	657.55

Sample Name: A3844-21 Acquired: 8/11/2009 02:11:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	-.03193	.02094	.00328	.00171	2.3873	.12799	.00051
Stddev	.00113	.00029	.00087	.00142	.00068	.0268	.00074	.00001
%RSD	25.325	.91479	4.1542	43.314	39.572	1.1228	.57712	1.8277
#1	-.00524	-.03213	.02033	.00228	.00123	2.4063	.12851	.00051
#2	-.00365	-.03172	.02156	.00429	.00219	2.3684	.12747	.00050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	19.793	.00184	.00533	.00377	4.2454	.09086	7.4699
Stddev	.00006	.010	.00136	.00020	.00014	.0046	.00007	.0157
%RSD	57.722	.05147	73.860	3.6926	3.6699	.10800	.07433	.21002
#1	.00007	19.786	.00088	.00547	.00367	4.2486	.09091	7.4810
#2	.00016	19.801	.00280	.00519	.00387	4.2422	.09081	7.4588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01542	-.00013	72.444	.00566	.01862	5.4110	.00271	.03972
Stddev	.00039	.00020	.318	.00005	.00037	.0086	.00010	.00004
%RSD	2.5066	155.76	.43875	.89769	1.9637	.15926	3.5533	.10907
#1	.01515	-.00027	72.669	.00563	.01836	5.4049	.00278	.03975
#2	.01569	.00001	72.220	.00570	.01888	5.4171	.00265	.03969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.0947	3.7935	-.00023	.03955	z*****
Stddev	.0203	.0843	.00005	.00342	-----
%RSD	.39787	2.2216	21.853	8.6365	-----
#1	5.1090	3.8531	-.00027	.03714	z 2339.5
#2	5.0804	3.7339	-.00019	.04197	z 2352.5

Sample Name: A3844-21 Acquired: 8/11/2009 02:11:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	180.34	295.00	5875.7	10391.	676.89
Stddev	.03	.39	5.4	60.	3.74
%RSD	.01847	.13183	.09199	.58148	.55261
#1	180.37	295.27	5871.9	10348.	674.25
#2	180.32	294.72	5879.6	10434.	679.54

Sample Name: A3844-22 Acquired: 8/11/2009 02:18:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.02650	.00066	.00420	.00300	2.3480	.06012	-.00009
Stddev	.00203	.00104	.00548	.00146	.00047	.0006	.00014	.00006
%RSD	168.69	3.9226	825.19	34.713	15.748	.02414	.23635	67.891
#1	.00023	-.02577	.00454	.00317	.00333	2.3476	.06002	-.00013
#2	-.00263	-.02724	-.00321	.00523	.00266	2.3484	.06022	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	43.140	.01144	.00323	.00287	7.3907	.05031	11.116
Stddev	.00005	.043	.00082	.00004	.00013	.0367	.00005	.007
%RSD	22.802	.10009	7.1636	1.2687	4.5314	.49654	.10749	.06680
#1	-.00027	43.171	.01202	.00320	.00277	7.3648	.05035	11.111
#2	-.00019	43.110	.01086	.00326	.00296	7.4167	.05027	11.121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00028	107.51	.00839	.01159	6.5819	.00385	.04484
Stddev	.00103	.00023	.37	.00057	.00046	.0268	.00115	.00040
%RSD	81.215	82.504	.34366	6.8099	3.9356	.40746	29.825	.90079
#1	-.00054	-.00011	107.25	.00879	.01127	6.5630	.00304	.04456
#2	-.00200	-.00044	107.77	.00798	.01191	6.6009	.00467	.04513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	17.341	3.9088	-.00096	.05826	z*****
Stddev	.001	.0364	.00175	.00013	-----
%RSD	.00370	.93123	182.96	.21982	-----
#1	17.341	3.9345	-.00219	.05817	z 2318.3
#2	17.342	3.8831	.00028	.05835	z 2332.1

Sample Name: A3844-22 Acquired: 8/11/2009 02:18:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.95	283.37	5590.1	9889.5	679.95
Stddev	1.25	.87	28.0	7.7	1.47
%RSD	.73415	.30859	.50019	.07813	.21631
#1	170.83	282.75	5609.8	9884.0	678.91
#2	169.07	283.99	5570.3	9894.9	680.99

Sample Name: CCV Acquired: 8/11/2009 02:25:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7931	4.7072	4.8439	4.6597	4.7039	9.4626	9.7308	.24811	2.4609
Stddev	.0369	.0081	.0162	.0496	.0390	.0312	.0040	.00036	.0051
%RSD	.76872	.17298	.33482	1.0652	.82986	.32991	.04061	.14497	.20687
#1	4.8192	4.7130	4.8554	4.6948	4.7315	9.4406	9.7336	.24785	2.4645
#2	4.7671	4.7015	4.8325	4.6246	4.6763	9.4847	9.7280	.24836	2.4573

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.741	.99912	2.4557	1.1893	4.7882	2.4135	23.872	2.4867	1.2221
Stddev	.062	.00313	.0006	.0000	.0046	.0040	.004	.0018	.0034
%RSD	.25146	.31374	.02396	.00058	.09514	.16636	.01825	.07087	.27500
#1	24.697	.99691	2.4553	1.1893	4.7850	2.4107	23.869	2.4880	1.2198
#2	24.785	1.0013	2.4562	1.1893	4.7914	2.4163	23.875	2.4855	1.2245

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.322	2.3897	2.4069	24.050	4.6604	4.6705	5.0492	4.5394	4.9761
Stddev	.016	.0056	.0009	.025	.0452	.0039	.0171	.0265	.0095
%RSD	.06738	.23379	.03572	.10453	.97037	.08397	.33908	.58369	.19126
#1	24.311	2.3858	2.4063	24.032	4.6924	4.6677	5.0613	4.5207	4.9828
#2	24.334	2.3937	2.4075	24.067	4.6284	4.6732	5.0371	4.5582	4.9694

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7698	zF*****
Stddev	.0103	-----
%RSD	.21488	-----
#1	4.7626	z 86965.
#2	4.7771	z 87085.

Sample Name: CCV Acquired: 8/11/2009 02:25:12 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.54	268.77	5392.2	9527.0	663.45
Stddev	.03	2.84	6.5	4.8	2.83
%RSD	.01949	1.0564	.11992	.04994	.42685
#1	161.52	266.77	5387.6	9523.6	661.45
#2	161.57	270.78	5396.8	9530.3	665.46

Sample Name: CCB Acquired: 8/11/2009 02:31:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00567	-.02129	.00006	.00190	.00347	-.00215	-.00533	-.00019
Stddev	.00024	.00311	.00125	.00036	.00239	.00168	.00003	.00009
%RSD	4.3158	14.618	2034.3	19.055	69.030	78.441	.47902	47.348
#1	-.00585	-.02349	-.00082	.00215	.00177	-.00334	-.00535	-.00013
#2	-.00550	-.01909	.00095	.00164	.00516	-.00096	-.00531	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00294	-.00056	.00038	.00008	-.00284	-.00021	.00223
Stddev	.00002	.00379	.00020	.00037	.00053	.00099	.00019	.00680
%RSD	38.434	128.93	36.659	99.650	665.53	34.897	92.959	304.15
#1	-.00008	.00026	-.00041	.00011	-.00029	-.00214	-.00035	.00704
#2	-.00004	.00561	-.00070	.00064	.00045	-.00354	-.00007	-.00257

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	-.00005	.00689	.00074	-.00060	.02035	.00224	.00404
Stddev	.00017	.00013	.00055	.00007	.00005	.00635	.00062	.00176
%RSD	5.9979	244.97	8.0294	8.9534	8.6710	31.220	27.447	43.580
#1	-.00290	.00004	.00728	.00079	-.00064	.02484	.00268	.00529
#2	-.00266	-.00015	.00649	.00070	-.00056	.01585	.00181	.00280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01914	-.00986	-.00036	.00049	z*****
Stddev	.00279	.01681	.00002	.00019	-----
%RSD	14.555	170.58	5.4151	38.576	-----
#1	-.01717	-.02175	-.00037	.00062	z 2314.5
#2	-.02111	.00203	-.00034	.00035	z 2317.6

Sample Name: CCB Acquired: 8/11/2009 02:31:41 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.42	268.17	5493.5	9686.7	630.65
Stddev	1.01	1.52	6.0	24.9	.38
%RSD	.60888	.56604	.10937	.25703	.06055
#1	166.13	267.09	5489.2	9669.1	630.92
#2	164.71	269.24	5497.7	9704.3	630.38

Sample Name: A3844-23 Acquired: 8/11/2009 02:38:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00704	-.02934	.00013	.00343	.00281	1.1197	.04206	-.00016
Stddev	.00092	.00167	.00064	.00053	.00032	.0085	.00021	.00004
%RSD	13.018	5.7022	507.68	15.557	11.420	.75699	.51040	25.180
#1	-.00769	-.03053	-.00033	.00380	.00304	1.1256	.04222	-.00013
#2	-.00639	-.02816	.00058	.00305	.00259	1.1137	.04191	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	17.705	.00454	.00129	.00254	2.7541	.02782	3.4790
Stddev	.00008	.038	.00049	.00084	.00001	.0115	.00005	.0103
%RSD	23.993	.21617	10.907	64.855	.20512	.41790	.19246	.29687
#1	-.00037	17.732	.00419	.00188	.00253	2.7459	.02785	3.4863
#2	-.00026	17.678	.00489	.00070	.00254	2.7622	.02778	3.4717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00019	26.242	.00771	.02146	7.5376	.00293	.04789
Stddev	.00002	.00047	.068	.00113	.00031	.0119	.00056	.00150
%RSD	1.5826	252.25	.26078	14.716	1.4626	.15800	19.047	3.1414
#1	-.00129	.00015	26.194	.00691	.02168	7.5291	.00332	.04896
#2	-.00126	-.00052	26.291	.00851	.02123	7.5460	.00253	.04683

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.1863	3.9766	-.00229	.03713	z*****
Stddev	.0282	.0042	.00082	.00338	-----
%RSD	.67340	.10645	36.027	9.0904	-----
#1	4.1664	3.9796	-.00171	.03951	z 2350.6
#2	4.2063	3.9736	-.00287	.03474	z 2343.2

Sample Name: A3844-23 Acquired: 8/11/2009 02:38:21 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.42	269.82	5489.4	9443.4	662.81
Stddev	1.21	1.61	17.9	24.2	.67
%RSD	.75245	.59839	.32586	.25654	.10135
#1	160.56	268.68	5476.7	9426.3	663.28
#2	162.28	270.96	5502.0	9460.6	662.33

Sample Name: A3844-24 Acquired: 8/11/2009 02:45:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00570	-.03142	.00352	.00445	.00143	1.4764	.08916	.00038
Stddev	.00158	.00260	.00324	.00134	.00161	.0044	.00012	.00000
%RSD	27.772	8.2634	92.053	30.025	112.70	.29583	.13995	.24680
#1	-.00682	-.03325	.00123	.00539	.00029	1.4733	.08907	.00038
#2	-.00458	-.02958	.00581	.00350	.00257	1.4795	.08924	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	12.246	.00929	.00313	.00214	2.6902	.03393	4.9620
Stddev	.00007	.056	.00055	.00009	.00028	.0105	.00093	.0285
%RSD	285.60	.45937	5.9081	2.7672	13.281	.39025	2.7276	.57521
#1	-.00003	12.206	.00891	.00319	.00234	2.6828	.03327	4.9419
#2	.00008	12.285	.00968	.00307	.00194	2.6976	.03458	4.9822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00033	24.228	.00871	.02193	9.4689	.00312	.04396
Stddev	.00062	.00011	.042	.00123	.00046	.0349	.00044	.00022
%RSD	34.151	32.399	.17333	14.140	2.0829	.36851	14.177	.50591
#1	.00227	-.00040	24.199	.00958	.02225	9.4442	.00281	.04412
#2	.00138	-.00025	24.258	.00783	.02161	9.4936	.00343	.04380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	6.1036	3.8358	-.00071	.03431	z*****
Stddev	.0082	.0020	.00158	.00131	-----
%RSD	.13426	.05099	220.73	3.8076	-----
#1	6.1094	3.8344	.00040	.03523	z 2368.3
#2	6.0979	3.8372	-.00183	.03339	z 2373.8

Sample Name: A3844-24 Acquired: 8/11/2009 02:45:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	170.10	282.19	5715.1	9907.0	666.59
Stddev	.29	2.29	9.3	14.6	3.45
%RSD	.16927	.81188	.16299	.14726	.51802
#1	169.90	280.57	5708.6	9917.3	664.14
#2	170.31	283.81	5721.7	9896.6	669.03

Sample Name: A3844-25 Acquired: 8/11/2009 02:51:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00610	-.02785	.07385	.00235	.00231	1.7967	.41814	.00040
Stddev	.00074	.00053	.00554	.00069	.00019	.0193	.00076	.00001
%RSD	12.192	1.9192	7.5072	29.530	8.2709	1.0743	.18109	1.8522
#1	-.00557	-.02747	.07777	.00284	.00217	1.8103	.41868	.00040
#2	-.00663	-.02822	.06993	.00186	.00244	1.7830	.41761	.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	10.275	.00277	.00969	.01957	3.7237	.04459	13.795
Stddev	.00004	.043	.00095	.00039	.00029	.0065	.00012	.011
%RSD	23.892	.42068	34.311	3.9882	1.4875	.17360	.26552	.07755
#1	.00017	10.306	.00210	.00941	.01977	3.7191	.04450	13.802
#2	.00012	10.244	.00344	.00996	.01936	3.7282	.04467	13.787

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00744	-.00028	162.76	.00676	.02281	6.2387	.00155	.05402
Stddev	.00054	.00013	2.30	.00208	.00079	.0226	.00051	.00101
%RSD	7.2588	45.080	1.4104	30.761	3.4487	.36259	33.094	1.8750
#1	.00782	-.00038	164.38	.00823	.02336	6.2547	.00191	.05474
#2	.00706	-.00019	161.13	.00529	.02225	6.2227	.00118	.05331

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.2432	4.0536	-.00054	.01998	z*****
Stddev	.0047	.0682	.00317	.00003	-----
%RSD	.38150	1.6824	584.10	.13323	-----
#1	1.2398	4.1018	.00170	.02000	z 2377.6
#2	1.2465	4.0054	-.00279	.01996	z 2379.4

Sample Name: A3844-25 Acquired: 8/11/2009 02:51:38 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.38	287.53	5608.3	9814.3	691.87
Stddev	3.25	1.35	17.6	84.4	.36
%RSD	1.9190	.47054	.31410	.85967	.05178
#1	167.08	288.48	5595.8	9754.7	691.62
#2	171.68	286.57	5620.7	9874.0	692.12

Sample Name: A3944-25D Acquired: 8/11/2009 02:58:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00534	-.02514	.07214	.00225	.00012	1.8865	.42697	.00048
Stddev	.00183	.00063	.00126	.00183	.00153	.0205	.00155	.00009
%RSD	34.227	2.5122	1.7471	81.488	1251.9	1.0848	.36373	18.480
#1	-.00663	-.02470	.07124	.00354	-.00096	1.8720	.42588	.00042
#2	-.00405	-.02559	.07303	.00095	.00121	1.9009	.42807	.00055

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	10.417	.00128	.00948	.00252	3.7876	.04550	13.955
Stddev	.00014	.090	.00022	.00048	.00035	.0310	.00094	.099
%RSD	146.05	.86067	17.348	5.0855	14.005	.81797	2.0566	.70599
#1	.00000	10.353	.00113	.00914	.00227	3.7657	.04484	13.885
#2	.00019	10.480	.00144	.00982	.00277	3.8095	.04616	14.024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00852	.00009	165.59	.00648	.01011	6.3879	.00167	.05488
Stddev	.00044	.00042	1.02	.00080	.00011	.0222	.00018	.00121
%RSD	5.1895	442.61	.61770	12.347	1.0471	.34682	10.621	2.1985
#1	.00820	.00039	164.87	.00705	.01004	6.3723	.00179	.05403
#2	.00883	-.00020	166.32	.00592	.01019	6.4036	.00154	.05574

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.2647	4.1447	-.00182	.01924	z*****
Stddev	.0022	.0174	.00028	.00162	-----
%RSD	.17620	.41896	15.376	8.4396	-----
#1	1.2631	4.1324	-.00162	.01809	z 2336.6
#2	1.2663	4.1570	-.00202	.02039	z 2366.9

Sample Name: A3944-25D Acquired: 8/11/2009 02:58:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	171.68	290.10	5626.0	9869.5	692.86
Stddev	2.67	1.31	33.5	54.8	.25
%RSD	1.5574	.45255	.59615	.55493	.03674
#1	169.79	289.17	5649.7	9908.2	693.04
#2	173.57	291.03	5602.3	9830.8	692.68

Sample Name: A3844-25L Acquired: 8/11/2009 03:05:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00535	-.02073	.00761	.00250	.00042	.35289	.08630	-.00005
Stddev	.00116	.00040	.00072	.00064	.00062	.00059	.00004	.00001
%RSD	21.623	1.9489	9.4603	25.435	146.51	.16825	.04068	12.601
#1	-.00453	-.02102	.00710	.00295	.00086	.35247	.08628	-.00005
#2	-.00616	-.02045	.00812	.00205	-.00002	.35331	.08633	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	2.1972	-.00072	.00315	.00335	.80299	.00922	2.9589
Stddev	.00021	.0020	.00069	.00023	.00072	.00123	.00004	.0030
%RSD	85.902	.09049	94.831	7.4215	21.377	.15299	.43828	.10122
#1	-.00010	2.1986	-.00024	.00298	.00385	.80212	.00919	2.9610
#2	-.00039	2.1958	-.00121	.00331	.00284	.80386	.00925	2.9568

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00007	35.632	.00157	.00450	1.3564	.00172	.01183
Stddev	.00037	.00042	.016	.00003	.00000	.0028	.00004	.00194
%RSD	112.18	601.85	.04403	1.7494	.01505	.20689	2.3711	16.388
#1	.00007	.00037	35.643	.00155	.00450	1.3584	.00175	.01046
#2	.00059	-.00023	35.621	.00159	.00450	1.3545	.00169	.01320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.26299	.84931	-.00179	.00488	z*****
Stddev	.00363	.00279	.00066	.00123	-----
%RSD	1.3807	.32804	36.831	25.255	-----
#1	.26556	.84734	-.00225	.00401	z 2332.6
#2	.26043	.85128	-.00132	.00575	z 2331.4

Sample Name: A3844-25L Acquired: 8/11/2009 03:05:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.56	276.93	5517.4	9729.5	661.58
Stddev	2.60	1.23	3.1	2.9	1.01
%RSD	1.5452	.44514	.05591	.03009	.15213
#1	166.72	276.06	5515.3	9731.6	660.87
#2	170.40	277.80	5519.6	9727.4	662.29

Sample Name: A3844-25S Acquired: 8/11/2009 03:12:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63503	1.8168	.99292	1.3653	.64655	4.1057	.60627	.18150	.18509
Stddev	.00132	.0020	.00381	.0003	.00616	.0365	.00342	.00043	.00003
%RSD	.20758	.10827	.38341	.01846	.95206	.88860	.56390	.23866	.01814
#1	.63596	1.8182	.99561	1.3654	.65090	4.0799	.60869	.18119	.18511
#2	.63410	1.8154	.99023	1.3651	.64220	4.1315	.60385	.18181	.18507

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.285	.37527	.19448	.26849	6.4102	.22349	15.700	.47647	.06770
Stddev	.005	.00294	.00078	.00071	.0188	.00096	.087	.00351	.00011
%RSD	.04539	.78378	.39906	.26590	.29394	.42759	.55188	.73647	.16355
#1	11.282	.37319	.19393	.26798	6.3969	.22281	15.638	.47399	.06778
#2	11.289	.37735	.19503	.26899	6.4235	.22416	15.761	.47896	.06762

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	167.22	.27659	.18580	15.086	.33534	.30878	1.2322	5.2109	.65073
Stddev	1.15	.00024	.00078	.001	.00166	.00051	.0012	.0311	.00033
%RSD	.68577	.08498	.41746	.00804	.49396	.16422	.10031	.59756	.05076
#1	166.41	.27642	.18525	15.086	.33651	.30914	1.2330	5.2330	.65050
#2	168.03	.27676	.18635	15.087	.33417	.30842	1.2313	5.1889	.65097

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.19926	z*****
Stddev	.00029	-----
%RSD	.14481	-----
#1	.19946	z 5543.4
#2	.19905	z 5534.4

Sample Name: A3844-25S Acquired: 8/11/2009 03:12:00 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.16	286.26	5569.6	9672.4	686.77
Stddev	.90	1.92	31.8	22.8	1.49
%RSD	.52993	.66942	.57107	.23607	.21656
#1	168.53	284.90	5592.1	9688.5	685.72
#2	169.80	287.61	5547.1	9656.2	687.82

Sample Name: A3844-25SD Acquired: 8/11/2009 03:18:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65685	1.8689	1.0153	1.4031	.67340	4.2198	.62310	.18489	.19094
Stddev	.00433	.0076	.0003	.0071	.00203	.0504	.00125	.00070	.00034
%RSD	.65994	.40759	.03379	.50910	.30152	1.1934	.19997	.37640	.17725
#1	.65991	1.8635	1.0156	1.3980	.67484	4.2554	.62399	.18539	.19070
#2	.65378	1.8743	1.0151	1.4081	.67197	4.1842	.62222	.18440	.19118

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.580	.38283	.20000	.27385	6.5180	.22736	15.954	.48929	.06881
Stddev	.040	.00011	.00018	.00107	.0345	.00104	.015	.00104	.00064
%RSD	.34670	.02879	.08791	.38945	.52978	.45883	.09329	.21287	.92775
#1	11.552	.38275	.20012	.27460	6.4936	.22809	15.944	.48855	.06927
#2	11.608	.38291	.19987	.27309	6.5425	.22662	15.965	.49002	.06836

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	170.92	.28152	.18837	15.397	.34371	.31465	1.2698	5.3155	.67214
Stddev	.11	.00074	.00140	.034	.00018	.00082	.0011	.0228	.00183
%RSD	.06678	.26342	.74276	.21956	.05306	.25975	.08433	.42826	.27217
#1	170.84	.28204	.18936	15.421	.34358	.31522	1.2705	5.3316	.67343
#2	171.00	.28099	.18738	15.373	.34384	.31407	1.2690	5.2994	.67085

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.20166	z*****
Stddev	.00089	-----
%RSD	.44223	-----
#1	.20229	z 5580.2
#2	.20103	z 5626.7

Sample Name: A3844-25SD Acquired: 8/11/2009 03:18:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	170.26	285.38	5573.7	9685.7	684.14
Stddev	1.27	.11	10.8	37.6	.57
%RSD	.74563	.03799	.19423	.38793	.08303
#1	169.36	285.30	5566.1	9659.1	684.54
#2	171.15	285.45	5581.4	9712.2	683.74

Sample Name: A3844-25A Acquired: 8/11/2009 03:25:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63887	1.8161	.98937	1.3686	.65320	4.1074	.60769	.17955	.18464
Stddev	.00198	.0028	.00327	.0037	.00490	.0430	.00419	.00080	.00051
%RSD	.30973	.15564	.33019	.26781	.75042	1.0476	.68953	.44408	.27830
#1	.64027	1.8141	.99168	1.3660	.65667	4.1378	.61065	.18011	.18428
#2	.63747	1.8181	.98706	1.3712	.64974	4.0769	.60473	.17898	.18501

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.199	.36998	.19528	.26520	6.3419	.22085	15.512	.47477	.06673
Stddev	.001	.00142	.00100	.00305	.0319	.00080	.105	.00281	.00056
%RSD	.00914	.38514	.50981	1.1496	.50214	.36161	.67831	.59104	.84523
#1	11.199	.36897	.19457	.26735	6.3645	.22142	15.586	.47279	.06633
#2	11.198	.37098	.19598	.26304	6.3194	.22029	15.438	.47676	.06713

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	166.18	.27324	.18182	15.018	.33495	.30651	1.2449	5.2138	.65137
Stddev	.74	.00279	.00089	.083	.00072	.00202	.0082	.0483	.00047
%RSD	.44461	1.0206	.48692	.55499	.21464	.65918	.65818	.92584	.07283
#1	166.70	.27522	.18119	15.077	.33546	.30508	1.2391	5.2479	.65104
#2	165.66	.27127	.18244	14.959	.33444	.30794	1.2507	5.1796	.65171

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.19705	z*****
Stddev	.00221	-----
%RSD	1.1227	-----
#1	.19862	z 5560.2
#2	.19549	z 5559.3

Sample Name: A3844-25A Acquired: 8/11/2009 03:25:23 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	170.92	285.12	5631.0	9750.3	684.37
Stddev	.14	.86	4.0	69.9	.71
%RSD	.08269	.30091	.07091	.71644	.10367
#1	170.82	284.51	5628.2	9700.9	684.87
#2	171.02	285.72	5633.8	9799.7	683.87

Sample Name: A3844-26 Acquired: 8/11/2009 03:32:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01041	-.03322	-.00756	.00252	.00288	.01391	-.00529	-.00030
Stddev	.00075	.00143	.00043	.00061	.00073	.00735	.00027	.00001
%RSD	7.1655	4.2993	5.6618	24.215	25.421	52.829	5.1092	2.1463
#1	-.00988	-.03221	-.00786	.00209	.00236	.01911	-.00548	-.00031
#2	-.01094	-.03423	-.00725	.00295	.00340	.00871	-.00510	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.70219	-.00096	-.00015	-.00051	.01554	.00000	.02941
Stddev	.00002	.00266	.00108	.00003	.00037	.00080	.00023	.00234
%RSD	2.8245	.37847	112.01	17.025	73.171	5.1204	11405.	7.9566
#1	-.00064	.70407	-.00172	-.00017	-.00024	.01610	-.00016	.03107
#2	-.00067	.70031	-.00020	-.00013	-.00077	.01498	.00016	.02776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	.00004	.36770	.00061	.00592	.06995	.00081	.00130
Stddev	.00057	.00009	.00013	.00118	.00030	.01121	.00070	.00141
%RSD	14.765	236.05	.03474	193.65	5.1340	16.032	85.585	108.62
#1	-.00424	.00010	.36761	-.00022	.00614	.07788	.00131	.00030
#2	-.00344	-.00002	.36779	.00144	.00571	.06202	.00032	.00229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.00077	-.01568	-.00128	.00036	z*****
Stddev	.00002	.00256	.00187	.00054	-----
%RSD	2.7843	16.342	145.83	150.49	-----
#1	.00078	-.01749	.00004	.00074	z 2295.9
#2	.00075	-.01387	-.00261	-.00002	z 2299.9

Sample Name: A3844-26 Acquired: 8/11/2009 03:32:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.05	267.44	5478.3	9640.0	634.42
Stddev	.16	.04	11.2	60.0	.05
%RSD	.09530	.01675	.20368	.62261	.00780
#1	164.94	267.41	5470.4	9597.6	634.45
#2	165.16	267.47	5486.2	9682.4	634.38

Sample Name: PB43914BL Acquired: 8/11/2009 03:38:46 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00587	-.01986	-.00263	.00038	.00153	.00317	-.00488	-.00014
Stddev	.00040	.00393	.00118	.00181	.00093	.00423	.00036	.00009
%RSD	6.7701	19.787	44.718	471.11	61.084	133.50	7.4506	63.361
#1	-.00615	-.02264	-.00347	-.00089	.00087	.00018	-.00462	-.00008
#2	-.00559	-.01708	-.00180	.00166	.00219	.00617	-.00513	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00589	-.00072	.00006	-.00084	-.00140	-.00025	.00420
Stddev	.00002	.00282	.00066	.00100	.00001	.00045	.00013	.00594
%RSD	8.6049	47.833	91.334	1676.7	.63844	32.093	50.149	141.46
#1	-.00023	-.00789	-.00025	.00077	-.00083	-.00109	-.00034	.00000
#2	-.00020	-.00390	-.00118	-.00065	-.00084	-.00172	-.00016	.00839

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	-.00017	.00640	-.00116	-.00073	.01899	.00024	.00059
Stddev	.00202	.00044	.00031	.00028	.00039	.00473	.00023	.00007
%RSD	64.520	260.02	4.8825	24.273	53.222	24.898	94.946	11.692
#1	-.00170	.00014	.00662	-.00136	-.00100	.02234	.00008	.00054
#2	-.00456	-.00048	.00618	-.00096	-.00045	.01565	.00041	.00064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02200	-.01860	-.00400	-.00022	z*****
Stddev	.00412	.01493	.00101	.00040	-----
%RSD	18.721	80.297	25.276	187.07	-----
#1	-.02491	-.00804	-.00472	.00007	z 2321.4
#2	-.01909	-.02915	-.00329	-.00050	z 2320.4

Sample Name: PB43914BL Acquired: 8/11/2009 03:38:46 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.22	268.73	5486.6	9706.1	631.92
Stddev	.65	1.29	10.2	8.7	1.88
%RSD	.39334	.48153	.18583	.08957	.29690
#1	165.76	269.64	5493.8	9712.2	630.59
#2	166.68	267.81	5479.4	9699.9	633.25

Sample Name: CCV Acquired: 8/11/2009 03:45:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8360	4.7375	4.8542	4.7164	4.7512	9.5825	9.8498	.24975	2.4731
Stddev	.0093	.0110	.0087	.0037	.0047	.0684	.0106	.00045	.0023
%RSD	.19275	.23108	.18006	.07934	.09829	.71345	.10745	.18125	.09192
#1	4.8294	4.7297	4.8480	4.7137	4.7479	9.6308	9.8573	.24943	2.4715
#2	4.8426	4.7452	4.8604	4.7190	4.7545	9.5341	9.8423	.25007	2.4748

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.934	1.0014	2.4703	1.1996	4.8164	2.4261	24.065	2.4999	1.2270
Stddev	.127	.0016	.0035	.0053	.0015	.0138	.102	.0025	.0020
%RSD	.50938	.16419	.14104	.44443	.03218	.56679	.42357	.09875	.16609
#1	25.023	1.0025	2.4678	1.2034	4.8175	2.4358	24.137	2.4981	1.2285
#2	24.844	1.0002	2.4727	1.1959	4.8154	2.4163	23.993	2.5016	1.2256

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.540	2.4129	2.4069	24.134	4.6905	4.7096	5.1089	4.6346	4.9945
Stddev	.019	.0093	.0184	.005	.0082	.0395	.0057	.0007	.0025
%RSD	.07684	.38372	.76619	.02270	.17475	.83792	.11255	.01597	.05039
#1	24.553	2.4195	2.3939	24.138	4.6847	4.7375	5.1049	4.6351	4.9928
#2	24.526	2.4064	2.4200	24.130	4.6963	4.6817	5.1130	4.6341	4.9963

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7776	zF*****
Stddev	.0123	-----
%RSD	.25765	-----
#1	4.7863	z 86520.
#2	4.7689	z 87168.

Sample Name: CCV Acquired: 8/11/2009 03:45:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.00	266.37	5374.7	9432.1	658.43
Stddev	.59	.32	22.3	58.0	.07
%RSD	.36445	.11944	.41507	.61471	.01038
#1	161.42	266.14	5358.9	9391.1	658.38
#2	160.59	266.59	5390.4	9473.1	658.48

Sample Name: CCB Acquired: 8/11/2009 03:51:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00589	-.01693	-.00167	.00152	.00359	.00772	-.00427	-.00012
Stddev	.00265	.00054	.00435	.00075	.00126	.00491	.00014	.00002
%RSD	44.995	3.2010	260.97	49.479	35.179	63.630	3.1959	15.312
#1	-.00401	-.01731	.00141	.00205	.00270	.00425	-.00437	-.00013
#2	-.00776	-.01655	-.00475	.00099	.00449	.01119	-.00417	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00388	-.00214	.00016	.00012	.00131	.00011	.00377
Stddev	.00002	.00144	.00030	.00089	.00068	.00143	.00025	.02273
%RSD	33.253	36.976	14.173	561.64	583.28	108.80	236.61	602.08
#1	-.00005	-.00287	-.00192	-.00047	.00060	.00030	.00029	.01984
#2	-.00007	-.00490	-.00235	.00079	-.00037	.00232	-.00007	-.01230

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	-.00044	.00633	-.00025	-.00068	.02536	.00205	.00508
Stddev	.00142	.00060	.00243	.00040	.00079	.01481	.00018	.00045
%RSD	58.840	135.53	38.463	156.91	115.56	58.404	8.5636	8.8117
#1	-.00141	-.00086	.00461	.00003	-.00124	.03584	.00218	.00477
#2	-.00342	-.00002	.00805	-.00054	-.00013	.01489	.00193	.00540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02511	-.01827	-.00310	.00052	z*****
Stddev	.00001	.00950	.00124	.00010	-----
%RSD	.03322	52.002	40.056	18.564	-----
#1	-.02511	-.02499	-.00398	.00059	z 2307.0
#2	-.02510	-.01155	-.00222	.00045	z 2307.7

Sample Name: CCB Acquired: 8/11/2009 03:51:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.75	268.08	5490.9	9694.4	632.52
Stddev	.63	.75	2.4	7.3	.39
%RSD	.38543	.28135	.04452	.07547	.06111
#1	164.30	267.55	5492.6	9689.3	632.79
#2	165.20	268.61	5489.2	9699.6	632.25

Sample Name: PB43914BS Acquired: 8/11/2009 03:58:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74844	1.7381	.93110	1.7891	.90763	1.7507	.19928
Stddev	.00112	.0104	.00688	.0047	.00661	.0114	.00165
%RSD	.15013	.59821	.73926	.26396	.72836	.64859	.82735
#1	.74923	1.7455	.93597	1.7925	.90296	1.7427	.19812
#2	.74764	1.7308	.92623	1.7858	.91231	1.7587	.20045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19881	.20042	1.0351	.39449	.19580	.27529	2.9404
Stddev	.00098	.00061	.0053	.00330	.00059	.00070	.0021
%RSD	.49480	.30677	.51260	.83618	.29933	.25496	.07084
#1	.19812	.20086	1.0313	.39682	.19622	.27479	2.9389
#2	.19951	.19999	1.0388	.39216	.19539	.27579	2.9419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19738	1.8963	.49389	.06652	2.9549	.28267	.18968
Stddev	.00025	.0059	.00028	.00018	.0180	.00220	.00398
%RSD	.12472	.30894	.05570	.26730	.60819	.77965	2.0980
#1	.19720	1.9005	.49370	.06665	2.9422	.28111	.18687
#2	.19755	1.8922	.49409	.06639	2.9676	.28422	.19250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6741	.45008	.27832	F-.00427	1.0137	F.84620	.23185
Stddev	.0262	.00055	.00103	.00390	.0483	.00373	.00125
%RSD	.27082	.12249	.37063	91.448	4.7605	.44105	.53743
#1	9.6555	.45047	.27759	-.00151	.97958	.84884	.23273
#2	9.6926	.44969	.27905	-.00702	1.0478	.84356	.23097

Sample Name: PB43914BS Acquired: 8/11/2009 03:58:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5800.3
#2	z 5790.6

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.17	272.38	5470.3	9495.5	651.97
Stddev	3.78	.29	28.2	15.4	1.97
%RSD	2.2768	.10730	.51498	.16171	.30187
#1	168.85	272.17	5450.4	9506.4	650.58
#2	163.50	272.58	5490.2	9484.7	653.36

Sample Name: A3828-01 Acquired: 8/11/2009 04:05:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60763	-.04190	10.018	.01150	.04160	77.321	5.1043	.00350
Stddev	.00318	.00063	.038	.00072	.00045	.531	.0491	.00002
%RSD	.52311	1.5006	.37520	6.2516	1.0804	.68719	.96177	.48611
#1	.60988	-.04146	9.9918	.01099	.04192	77.696	5.0695	.00349
#2	.60539	-.04235	10.045	.01200	.04128	76.945	5.1390	.00351

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07404	43.047	.77295	.06724	2.3597	264.73	2.1499	21.625
Stddev	.00077	.031	.00557	.00004	.0012	.07	.0053	.010
%RSD	1.0466	.07118	.72020	.06025	.05263	.02725	.24476	.04440
#1	.07349	43.025	.77689	.06722	2.3588	264.78	2.1536	21.618
#2	.07459	43.069	.76902	.06727	2.3606	264.67	2.1462	21.632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92017	.00960	1.3895	2.0584	5.4475	7.2585	.02789	.01673
Stddev	.00375	.00042	.0043	.0097	.1500	.0107	.00068	.00085
%RSD	.40745	4.3989	.31178	.47151	2.7540	.14705	2.4512	5.0813
#1	.91752	.00990	1.3864	2.0652	5.3414	7.2660	.02838	.01733
#2	.92282	.00930	1.3926	2.0515	5.5535	7.2509	.02741	.01613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	8.3290	6.9113	.33589	2.3381	z*****
Stddev	.0093	.0225	.00530	.0057	-----
%RSD	.11128	.32570	1.5767	.24369	-----
#1	8.3355	6.9273	.33215	2.3421	z 3601.4
#2	8.3224	6.8954	.33964	2.3341	z 3595.9

Sample Name: A3828-01 Acquired: 8/11/2009 04:05:14 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.48	274.95	5724.2	10041.	636.82
Stddev	3.27	2.25	33.9	55.	2.12
%RSD	1.9437	.81686	.59257	.55031	.33233
#1	170.80	273.36	5700.2	10002.	635.32
#2	166.17	276.54	5748.2	10080.	638.31

Sample Name: A3828-02 Acquired: 8/11/2009 04:11:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55237	-.04278	14.163	.00848	.06773	79.139	3.7865	.00368
Stddev	.00128	.00102	.035	.00058	.00043	.445	.0159	.00003
%RSD	.23263	2.3781	.24718	6.8855	.64002	.56267	.42075	.92441
#1	.55328	-.04206	14.138	.00807	.06804	78.824	3.7753	.00366
#2	.55146	-.04349	14.187	.00889	.06742	79.454	3.7978	.00371

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12304	33.947	.72706	.07162	3.9066	338.37	2.1153	17.472
Stddev	.00030	.070	.00028	.00070	.0218	1.47	.0129	.032
%RSD	.24585	.20629	.03831	.97601	.55734	.43298	.60741	.18570
#1	.12325	33.898	.72726	.07212	3.8912	337.33	2.1062	17.449
#2	.12282	33.997	.72686	.07113	3.9220	339.41	2.1244	17.495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69684	.00771	1.2457	2.2565	5.1449	7.6009	.03504	.01583
Stddev	.00247	.00026	.0009	.0222	.0446	.0017	.00078	.00289
%RSD	.35415	3.3307	.07133	.98491	.86623	.02208	2.2268	18.285
#1	.69510	.00753	1.2451	2.2407	5.1134	7.5997	.03559	.01379
#2	.69859	.00789	1.2464	2.2722	5.1764	7.6021	.03449	.01788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	9.5984	5.4365	.36143	2.7518	z*****
Stddev	.0095	.0695	.00012	.0150	-----
%RSD	.09929	1.2779	.03257	.54397	-----
#1	9.5917	5.3873	.36151	2.7412	z 3634.9
#2	9.6052	5.4856	.36135	2.7624	z 3647.6

Sample Name: A3828-02 Acquired: 8/11/2009 04:11:52 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.54	271.42	5727.2	10045.	630.77
Stddev	1.14	1.05	5.3	30.	.20
%RSD	.68963	.38534	.09185	.29753	.03114
#1	166.35	270.68	5731.0	10066.	630.63
#2	164.74	272.16	5723.5	10024.	630.91

Sample Name: A3828-03 Acquired: 8/11/2009 04:18:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00553	-.03789	.27658	.00574	.00236	29.543	.25232	.00159
Stddev	.00080	.00265	.00292	.00043	.00072	.033	.00092	.00011
%RSD	14.505	6.9840	1.0567	7.5722	30.545	.11097	.36523	6.7917
#1	-.00496	-.03976	.27452	.00543	.00185	29.520	.25167	.00152
#2	-.00610	-.03602	.27865	.00604	.00287	29.566	.25297	.00167

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	14.265	.08326	.02932	.08149	54.831	.64159	13.603
Stddev	.00034	.081	.00013	.00102	.00111	.228	.00044	.083
%RSD	37.447	.56709	.15344	3.4840	1.3604	.41631	.06883	.60901
#1	.00066	14.208	.08317	.02859	.08227	54.670	.64127	13.544
#2	.00114	14.322	.08335	.03004	.08070	54.993	.64190	13.661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06298	-.00059	.84775	.14354	.29451	4.3197	.00222	.01599
Stddev	.00016	.00023	.00225	.00010	.00249	.0073	.00025	.00078
%RSD	.25671	39.160	.26596	.07202	.84672	.16871	11.190	4.8691
#1	.06287	-.00043	.84615	.14347	.29627	4.3145	.00239	.01654
#2	.06310	-.00076	.84934	.14362	.29274	4.3248	.00204	.01544

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.48146	3.8706	.02278	1.6273	z*****
Stddev	.00325	.0651	.00077	.0090	-----
%RSD	.67400	1.6808	3.3990	.55568	-----
#1	.48376	3.8246	.02332	1.6210	z 3239.1
#2	.47917	3.9166	.02223	1.6337	z 3256.2

Sample Name: A3828-03 Acquired: 8/11/2009 04:18:24 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.85	275.21	5689.6	9915.3	647.03
Stddev	2.00	1.86	19.9	2.4	.34
%RSD	1.1755	.67659	.34903	.02439	.05209
#1	168.43	273.89	5675.6	9913.6	646.79
#2	171.26	276.53	5703.6	9917.0	647.27

Sample Name: A3828-03D Acquired: 8/11/2009 04:25:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	-.04274	.28057	.00525	.00485	29.764	.25264	.00160
Stddev	.00411	.00146	.00259	.00059	.00163	.158	.00097	.00000
%RSD	102.02	3.4139	.92386	11.178	33.535	.52943	.38525	.08484
#1	-.00693	-.04378	.28240	.00483	.00370	29.875	.25333	.00160
#2	-.00112	-.04171	.27874	.00566	.00600	29.652	.25195	.00160

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	14.338	.08434	.02924	.08297	55.077	.64550	13.656
Stddev	.00026	.033	.00198	.00101	.00070	.138	.00093	.064
%RSD	35.440	.23131	2.3452	3.4585	.83973	.25137	.14337	.46900
#1	.00055	14.361	.08295	.02852	.08346	55.175	.64615	13.701
#2	.00092	14.315	.08574	.02995	.08247	54.979	.64485	13.610

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06312	-.00039	.85211	.14246	.29374	4.3477	.00214	.01387
Stddev	.00035	.00054	.00523	.00140	.00023	.0212	.00018	.00075
%RSD	.56148	137.74	.61413	.98395	.07929	.48772	8.1857	5.4106
#1	.06337	-.00077	.85581	.14345	.29358	4.3627	.00201	.01440
#2	.06287	-.00001	.84841	.14147	.29391	4.3327	.00226	.01334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.48535	3.7844	.02098	1.6356	z*****
Stddev	.00104	.0262	.00014	.0048	-----
%RSD	.21453	.69295	.68815	.29359	-----
#1	.48609	3.8029	.02088	1.6390	z 3267.6
#2	.48462	3.7658	.02108	1.6322	z 3270.7

Sample Name: A3828-03D Acquired: 8/11/2009 04:25:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	172.44	279.60	5710.1	9998.4	649.28
Stddev	.21	3.45	16.6	71.6	3.18
%RSD	.12233	1.2333	.29074	.71616	.48935
#1	172.29	277.16	5698.4	9947.7	647.03
#2	172.59	282.04	5721.8	10049.	651.53

Sample Name: A3828-03L Acquired: 8/11/2009 04:31:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	-.02265	.05666	.00228	.00251	6.1668	.04965	.00022
Stddev	.00187	.00068	.00174	.00042	.00036	.0013	.00021	.00006
%RSD	41.457	3.0080	3.0729	18.254	14.413	.02148	.42827	26.843
#1	-.00583	-.02217	.05543	.00198	.00276	6.1677	.04950	.00027
#2	-.00319	-.02313	.05789	.00257	.00225	6.1659	.04980	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	3.1401	.01598	.00599	.01668	12.057	.14063	2.9548
Stddev	.00037	.0026	.00073	.00039	.00036	.018	.00047	.0112
%RSD	1598.9	.08388	4.6003	6.5843	2.1827	.14860	.33486	.37957
#1	-.00028	3.1420	.01650	.00627	.01642	12.044	.14029	2.9468
#2	.00024	3.1383	.01546	.00571	.01693	12.070	.14096	2.9627

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	-.00055	.18992	.03100	.06412	.94082	.00132	.00287
Stddev	.00026	.00108	.00277	.00003	.00035	.00418	.00025	.00065
%RSD	2.1843	197.23	1.4579	.08215	.53865	.44455	18.791	22.484
#1	.01194	-.00131	.19188	.03101	.06387	.94377	.00150	.00333
#2	.01158	.00022	.18796	.03098	.06436	.93786	.00114	.00242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.09426	.81108	.00319	.35027	z*****
Stddev	.00195	.01594	.00149	.00144	-----
%RSD	2.0710	1.9648	46.523	.41195	-----
#1	.09288	.79981	.00214	.34925	z 2513.1
#2	.09564	.82235	.00424	.35129	z 2527.0

Sample Name: A3828-03L Acquired: 8/11/2009 04:31:40 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.78	268.79	5664.8	9783.0	642.95
Stddev	.67	.86	6.5	9.6	.51
%RSD	.40210	.32095	.11437	.09843	.07955
#1	168.25	269.40	5669.4	9776.2	643.31
#2	167.30	268.18	5660.2	9789.8	642.58

Sample Name: A3828-04 Acquired: 8/11/2009 04:38:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64326	1.7171	1.1998	1.2887	.66624	32.857	.44793	.17775	.19658
Stddev	.00029	.0002	.0041	.0017	.00496	.070	.00385	.00033	.00034
%RSD	.04559	.01153	.33884	.12942	.74490	.21276	.86022	.18652	.17096
#1	.64347	1.7170	1.1969	1.2875	.66975	32.807	.45065	.17752	.19635
#2	.64305	1.7173	1.2027	1.2898	.66273	32.906	.44520	.17799	.19682

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.629	.45089	.22224	.34567	58.821	.83898	15.673	.55159	.06298
Stddev	.006	.00193	.00214	.00027	.076	.00060	.011	.00454	.00095
%RSD	.03724	.42875	.96100	.07893	.12954	.07167	.06905	.82293	1.5089
#1	15.625	.44952	.22073	.34548	58.875	.83941	15.680	.54839	.06231
#2	15.633	.45225	.22375	.34587	58.767	.83856	15.665	.55480	.06365

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5852	.41385	.46987	13.139	.35348	.26024	.47237	4.6897	.70278
Stddev	.0211	.00066	.00104	.001	.00148	.00230	.00515	.0361	.00332
%RSD	.58816	.15896	.22096	.00903	.41771	.88552	1.0910	.76919	.47286
#1	3.6001	.41432	.46914	13.139	.35452	.25861	.46872	4.7152	.70043
#2	3.5703	.41339	.47061	13.140	.35243	.26187	.47601	4.6642	.70513

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	1.8362	z*****
Stddev	.0007	-----
%RSD	.03748	-----
#1	1.8357	z 6684.0
#2	1.8366	z 6668.4

Sample Name: A3828-04 Acquired: 8/11/2009 04:38:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	172.66	280.95	5768.7	9883.9	655.42
Stddev	.72	.92	38.4	2.7	.06
%RSD	.41826	.32635	.66650	.02738	.00971
#1	172.15	280.30	5795.9	9882.0	655.46
#2	173.17	281.60	5741.6	9885.8	655.37

Sample Name: A3828-05 Acquired: 8/11/2009 04:44:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66170	1.7617	1.2251	1.3302	.67665	33.147	.45350	.18348	.20069
Stddev	.00198	.0015	.0041	.0006	.00015	.161	.00272	.00111	.00010
%RSD	.29987	.08544	.33205	.04624	.02207	.48693	.59912	.60241	.05003
#1	.66310	1.7606	1.2280	1.3306	.67676	33.033	.45158	.18270	.20076
#2	.66030	1.7628	1.2222	1.3298	.67655	33.262	.45543	.18427	.20062

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.800	.46031	.22735	.35146	59.479	.84841	15.894	.56304	.06452
Stddev	.129	.00355	.00093	.00354	.269	.00293	.096	.00000	.00009
%RSD	.81448	.77015	.41013	1.0080	.45174	.34511	.60381	.00029	.13282
#1	15.709	.45781	.22669	.34895	59.289	.84634	15.826	.56304	.06458
#2	15.891	.46282	.22801	.35396	59.669	.85048	15.962	.56304	.06446

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6394	.42136	.48240	13.371	.35390	.27051	.47949	4.7259	.70789
Stddev	.0352	.00311	.00114	.017	.00165	.00229	.00564	.0745	.00001
%RSD	.96735	.73761	.23694	.12487	.46530	.84508	1.1757	1.5760	.00193
#1	3.6145	.41916	.48159	13.360	.35506	.26889	.47550	4.6732	.70790
#2	3.6643	.42356	.48321	13.383	.35273	.27213	.48347	4.7785	.70788

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	1.8546	z*****
Stddev	.0069	-----
%RSD	.36953	-----
#1	1.8497	z 6746.7
#2	1.8594	z 6739.2

Sample Name: A3828-05 Acquired: 8/11/2009 04:44:53 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.06	279.81	5729.3	9819.6	650.50
Stddev	.12	.73	8.8	51.0	.02
%RSD	.06888	.26113	.15432	.51956	.00290
#1	168.98	279.29	5735.6	9855.7	650.49
#2	169.14	280.33	5723.1	9783.5	650.51

Sample Name: A3828-03A Acquired: 8/11/2009 04:51:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67669	1.8210	1.2576	1.3458	.68188	33.457	.45498	.18558	.20723
Stddev	.00209	.0047	.0043	.0004	.00428	.435	.00523	.00105	.00047
%RSD	.30886	.26027	.33885	.03293	.62749	1.3009	1.1491	.56463	.22729
#1	.67817	1.8244	1.2546	1.3461	.68491	33.150	.45128	.18484	.20757
#2	.67522	1.8177	1.2606	1.3455	.67886	33.765	.45867	.18632	.20690

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.833	.47026	.23198	.35753	59.813	.85718	15.927	.57732	.06672
Stddev	.143	.00232	.00062	.00303	.681	.00705	.221	.00185	.00081
%RSD	.90174	.49321	.26941	.84874	1.1393	.82233	1.3855	.32125	1.2169
#1	15.732	.46862	.23242	.35538	59.331	.85220	15.771	.57863	.06614
#2	15.934	.47190	.23154	.35967	60.295	.86217	16.084	.57601	.06729

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6645	.42687	.48689	13.562	.36066	.27165	.47628	4.6620	.72370
Stddev	.0468	.00686	.00299	.164	.00291	.00287	.00055	.0620	.00240
%RSD	1.2760	1.6064	.61464	1.2111	.80674	1.0572	.11605	1.3297	.33177
#1	3.6314	.42202	.48900	13.446	.36271	.26962	.47589	4.6182	.72200
#2	3.6975	.43171	.48477	13.678	.35860	.27368	.47667	4.7059	.72539

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	1.8652	z*****
Stddev	.0216	-----
%RSD	1.1592	-----
#1	1.8499	z 6805.9
#2	1.8804	z 6828.5

Sample Name: A3828-03A Acquired: 8/11/2009 04:51:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	171.07	281.97	5772.9	9975.3	654.12
Stddev	.37	.99	6.2	69.6	.69
%RSD	.21702	.35275	.10690	.69810	.10594
#1	170.81	281.27	5777.3	10025.	653.63
#2	171.34	282.68	5768.5	9926.1	654.61

Sample Name: A3828-06 Acquired: 8/11/2009 04:58:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01081	-.04536	.02784	.00512	.00412	25.289	.16969	.00164
Stddev	.00208	.00073	.00162	.00049	.00183	.055	.00057	.00004
%RSD	19.253	1.5988	5.8252	9.5050	44.488	.21594	.33702	2.4932
#1	-.01228	-.04485	.02669	.00546	.00542	25.327	.17009	.00167
#2	-.00933	-.04587	.02898	.00477	.00283	25.250	.16928	.00161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	6.8929	.07351	.03189	.05081	43.120	.33735	13.117
Stddev	.00008	.0175	.00035	.00060	.00038	.090	.00013	.024
%RSD	13.566	.25360	.46941	1.8694	.74938	.20843	.03943	.18433
#1	.00063	6.8806	.07326	.03147	.05054	43.183	.33726	13.134
#2	.00052	6.9053	.07375	.03231	.05108	43.056	.33745	13.100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06485	-.00050	.63791	.09557	.15889	4.3347	.00135	.01633
Stddev	.00053	.00014	.00256	.00003	.00006	.0191	.00005	.00180
%RSD	.82304	27.955	.40125	.03419	.03517	.43973	3.6733	11.011
#1	.06522	-.00060	.63972	.09555	.15893	4.3212	.00138	.01506
#2	.06447	-.00040	.63610	.09559	.15885	4.3481	.00131	.01760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.28165	4.7941	.00450	1.2545	z*****
Stddev	.00098	.0284	.00036	.0013	-----
%RSD	.34925	.59127	7.9943	.10554	-----
#1	.28095	4.7740	.00424	1.2536	z 3359.7
#2	.28234	4.8141	.00475	1.2554	z 3373.8

Sample Name: A3828-06 Acquired: 8/11/2009 04:58:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	174.35	281.93	5727.9	10082.	652.41
Stddev	.19	.60	1.7	30.	4.23
%RSD	.10859	.21235	.02890	.30217	.64814
#1	174.21	282.35	5726.7	10061.	649.42
#2	174.48	281.51	5729.1	10104.	655.40

Sample Name: CCV Acquired: 8/11/2009 05:04:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7586	4.6776	4.8031	4.5994	4.6735	9.4662	9.6499	.24820
Stddev	.0301	.0177	.0010	.0400	.0424	.0576	.0250	.00232
%RSD	.63244	.37819	.02193	.86968	.90658	.60845	.25960	.93375
#1	4.7798	4.6901	4.8039	4.6277	4.7034	9.5069	9.6677	.24984
#2	4.7373	4.6651	4.8024	4.5711	4.6435	9.4255	9.6322	.24656

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4523	24.752	1.0006	2.4529	1.1807	4.7457	2.3974	23.633
Stddev	.0047	.085	.0125	.0034	.0064	.0490	.0117	.154
%RSD	.19043	.34177	1.2467	.13946	.54187	1.0331	.48960	.65114
#1	2.4490	24.812	1.0094	2.4505	1.1852	4.7804	2.4057	23.742
#2	2.4556	24.692	.99173	2.4553	1.1762	4.7110	2.3891	23.524

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4902	1.2198	24.454	2.3921	2.3612	23.916	4.6171	4.6374
Stddev	.0046	.0082	.142	.0056	.0059	.172	.0328	.0288
%RSD	.18578	.67442	.58144	.23515	.25118	.71735	.71097	.62013
#1	2.4869	1.2256	24.554	2.3881	2.3654	24.037	4.6403	4.6578
#2	2.4934	1.2140	24.353	2.3961	2.3570	23.795	4.5939	4.6171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.0381	F4.4439	4.9635	4.7179	zF*****
Stddev	.0029	.0553	.0194	.0292	-----
%RSD	.05747	1.2438	.39104	.61954	-----
#1	5.0402	4.4830	4.9498	4.7386	z 88206.
#2	5.0361	4.4048	4.9773	4.6972	z 88056.

Sample Name: CCV Acquired: 8/11/2009 05:04:39 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.33	271.34	5475.2	9619.7	666.94
Stddev	.69	1.94	21.1	62.5	.11
%RSD	.41433	.71405	.38527	.65020	.01615
#1	164.85	269.97	5460.3	9575.4	667.01
#2	165.82	272.71	5490.1	9663.9	666.86

Sample Name: CCB Acquired: 8/11/2009 05:11:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00460	-.01767	-.00365	.00159	.00524	.01277	-.00592	-.00021
Stddev	.00044	.00443	.00039	.00321	.00150	.00601	.00031	.00004
%RSD	9.4733	25.085	10.599	201.69	28.615	47.058	5.1842	18.197
#1	-.00430	-.02080	-.00338	.00386	.00630	.01701	-.00571	-.00018
#2	-.00491	-.01453	-.00392	-.00068	.00418	.00852	-.00614	-.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00408	-.00156	.00022	-.00054	-.00461	-.00027	-.00323
Stddev	.00029	.00316	.00025	.00103	.00081	.00422	.00003	.00529
%RSD	91.024	77.379	15.888	468.53	148.59	91.531	10.086	163.95
#1	-.00052	-.00185	-.00174	.00094	.00003	-.00759	-.00025	-.00697
#2	-.00011	-.00631	-.00139	-.00051	-.00111	-.00163	-.00029	.00051

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	-.00022	.00267	.00038	-.00060	.02265	.00186	.00440
Stddev	.00109	.00052	.00304	.00055	.00035	.00094	.00040	.00072
%RSD	30.832	232.64	113.86	143.78	59.172	4.1548	21.636	16.285
#1	-.00276	-.00059	.00052	-.00001	-.00035	.02199	.00157	.00491
#2	-.00430	.00014	.00482	.00077	-.00085	.02332	.00214	.00389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01969	-.01442	-.00078	.00005	z*****
Stddev	.00043	.01035	.00078	.00023	-----
%RSD	2.1873	71.739	99.426	498.01	-----
#1	-.02000	-.00711	-.00133	-.00012	z 2326.5
#2	-.01939	-.02174	-.00023	.00021	z 2328.6

Sample Name: CCB Acquired: 8/11/2009 05:11:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	169.93	272.83	5524.9	9741.8	632.91
Stddev	.58	1.64	16.4	17.7	1.81
%RSD	.33861	.60043	.29747	.18169	.28676
#1	169.52	273.98	5513.3	9754.3	634.19
#2	170.33	271.67	5536.5	9729.3	631.62

Sample Name: A3828-07 Acquired: 8/11/2009 05:17:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	-.04297	.86033	.00569	.00627	44.626	.68884	.00219
Stddev	.00265	.00028	.00195	.00081	.00148	.020	.00225	.00009
%RSD	57.817	.64241	.22675	14.217	23.563	.04417	.32666	4.1436
#1	.00271	-.04277	.85895	.00627	.00731	44.640	.69044	.00226
#2	.00646	-.04316	.86171	.00512	.00523	44.612	.68725	.00213

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	40.000	.10075	.03356	.27699	75.185	1.1191	20.236
Stddev	.00019	.137	.00008	.00070	.00203	.231	.0001	.069
%RSD	6.0113	.34276	.07688	2.0941	.73413	.30679	.01096	.33963
#1	.00332	40.097	.10081	.03306	.27843	75.348	1.1191	20.285
#2	.00305	39.904	.10070	.03406	.27556	75.021	1.1192	20.188

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08140	-.00033	1.3598	.15498	.69572	4.8791	.00421	.01681
Stddev	.00141	.00045	.0107	.00052	.00288	.0384	.00103	.00008
%RSD	1.7323	137.27	.78908	.33630	.41429	.78739	24.334	.47744
#1	.08040	-.00001	1.3674	.15534	.69776	4.9062	.00494	.01676
#2	.08240	-.00064	1.3522	.15461	.69369	4.8519	.00349	.01687

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	7.8574	5.1642	.05009	2.1077	z*****
Stddev	.0367	.0314	.00116	.0036	-----
%RSD	.46749	.60705	2.3065	.17204	-----
#1	7.8314	5.1863	.05090	2.1102	z 3338.7
#2	7.8834	5.1420	.04927	2.1051	z 3346.0

Sample Name: A3828-07 Acquired: 8/11/2009 05:17:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	175.60	283.31	5956.0	10484.	647.03
Stddev	.92	2.58	27.2	57.	1.25
%RSD	.52172	.91184	.45746	.54383	.19380
#1	174.96	281.48	5936.8	10444.	647.92
#2	176.25	285.13	5975.3	10524.	646.15

Sample Name: A3828-08 Acquired: 8/11/2009 05:24:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00751	-.04208	.06495	.00610	.00338	66.888	.32680	.00220
Stddev	.00134	.00150	.00283	.00013	.00324	.158	.00116	.00005
%RSD	17.784	3.5739	4.3627	2.0815	95.696	.23552	.35386	2.2040
#1	-.00845	-.04314	.06695	.00619	.00567	66.777	.32762	.00224
#2	-.00656	-.04101	.06295	.00601	.00109	66.999	.32598	.00217

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	10.996	.11854	.03282	.08798	68.505	.71091	20.755
Stddev	.00015	.011	.00260	.00026	.00076	.320	.00174	.020
%RSD	9.7984	.09560	2.1894	.79852	.86429	.46770	.24473	.09750
#1	.00141	10.989	.11671	.03301	.08852	68.279	.70968	20.741
#2	.00162	11.003	.12038	.03264	.08744	68.732	.71214	20.770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08233	-.00056	1.5825	.13275	.21538	5.9213	.00273	.02278
Stddev	.00050	.00045	.0045	.00097	.00165	.0019	.00004	.00025
%RSD	.60788	79.987	.28178	.72792	.76449	.03287	1.5617	1.1171
#1	.08268	-.00024	1.5857	.13206	.21655	5.9199	.00276	.02296
#2	.08197	-.00088	1.5793	.13343	.21422	5.9226	.00270	.02260

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.43632	5.1496	.00649	2.3753	z*****
Stddev	.00337	.0246	.00098	.0066	-----
%RSD	.77247	.47763	15.116	.27860	-----
#1	.43394	5.1669	.00718	2.3706	z 4161.5
#2	.43871	5.1322	.00579	2.3800	z 4168.1

Sample Name: A3828-08 Acquired: 8/11/2009 05:24:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	173.80	275.72	5808.6	10088.	652.72
Stddev	1.20	.63	22.2	4.	.55
%RSD	.68764	.22825	.38235	.03829	.08378
#1	172.95	276.17	5824.3	10086.	653.11
#2	174.64	275.28	5792.8	10091.	652.34

Sample Name: A3828-09 Acquired: 8/11/2009 05:31:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00815	-.04270	.02555	.00450	.00634	30.009	.13466	.00145
Stddev	.00111	.00002	.00183	.00001	.00000	.090	.00085	.00008
%RSD	13.624	.04125	7.1465	.26037	.06033	.29962	.62941	5.5486
#1	-.00737	-.04271	.02684	.00451	.00635	29.945	.13406	.00140
#2	-.00894	-.04269	.02426	.00449	.00634	30.072	.13526	.00151

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	6.4710	.06837	.03253	.05553	43.257	.32270	12.966
Stddev	.00007	.0243	.00022	.00049	.00001	.255	.00194	.036
%RSD	15.929	.37549	.32774	1.5073	.01706	.58937	.60038	.27553
#1	.00037	6.4538	.06822	.03219	.05552	43.076	.32133	12.941
#2	.00046	6.4881	.06853	.03288	.05554	43.437	.32407	12.992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07680	-.00016	.81568	.08851	.28201	4.5574	.00184	.01796
Stddev	.00205	.00003	.00230	.00042	.00206	.0125	.00018	.00189
%RSD	2.6739	18.234	.28241	.47115	.73020	.27379	9.8892	10.517
#1	.07825	-.00018	.81405	.08821	.28055	4.5486	.00171	.01929
#2	.07534	-.00014	.81731	.08880	.28346	4.5662	.00197	.01662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.15108	5.5334	.00617	1.3694	z*****
Stddev	.00160	.0047	.00201	.0071	-----
%RSD	1.0570	.08495	32.528	.52095	-----
#1	.14995	5.5300	.00475	1.3644	z 3410.4
#2	.15221	5.5367	.00759	1.3744	z 3420.1

Sample Name: A3828-09 Acquired: 8/11/2009 05:31:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.84	276.74	5683.9	9877.8	651.42
Stddev	.17	.17	1.2	10.7	2.23
%RSD	.10130	.06218	.02047	.10813	.34193
#1	167.72	276.62	5684.7	9870.3	649.84
#2	167.96	276.86	5683.1	9885.4	652.99

Sample Name: A3828-10 Acquired: 8/11/2009 05:37:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.04000	.05943	.00704	.00278	46.613	.38223	.00276
Stddev	.00279	.00080	.00281	.00034	.00223	.095	.00189	.00003
%RSD	103.12	1.9890	4.7259	4.8878	80.042	.20288	.49523	1.2004
#1	-.00073	-.04056	.05744	.00680	.00436	46.546	.38356	.00273
#2	-.00469	-.03944	.06141	.00729	.00121	46.680	.38089	.00278

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	17.400	.08608	.01333	.08071	40.132	.76835	8.6780
Stddev	.00008	.047	.00109	.00068	.00170	.000	.00086	.0613
%RSD	12.334	.27137	1.2617	5.1214	2.1052	.00084	.11221	.70674
#1	.00067	17.366	.08531	.01381	.08192	40.133	.76774	8.7213
#2	.00057	17.433	.08685	.01284	.07951	40.132	.76896	8.6346

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04478	-.00041	.62963	.13180	.09843	3.6170	.00314	.02346
Stddev	.00145	.00041	.00210	.00040	.00015	.0050	.00017	.00032
%RSD	3.2490	100.92	.33298	.30482	.15375	.13840	5.3925	1.3801
#1	.04375	-.00012	.62815	.13208	.09832	3.6205	.00326	.02369
#2	.04581	-.00070	.63112	.13151	.09853	3.6134	.00302	.02323

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.1166	5.9336	.00473	1.1277	z*****
Stddev	.0015	.0319	.00047	.0018	-----
%RSD	.13180	.53723	10.024	.15720	-----
#1	1.1176	5.9561	.00507	1.1289	z 3163.6
#2	1.1155	5.9110	.00440	1.1264	z 3193.2

Sample Name: A3828-10 Acquired: 8/11/2009 05:37:48 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	178.00	286.97	5966.2	10476.	650.01
Stddev	.35	.44	18.4	46.	2.40
%RSD	.19468	.15442	.30817	.44090	.36950
#1	177.75	286.65	5953.2	10444.	648.31
#2	178.24	287.28	5979.2	10509.	651.71

Sample Name: A3828-11 Acquired: 8/11/2009 05:44:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00774	-.04139	.02964	.00711	.00346	30.630	.20140	.00112
Stddev	.00261	.00472	.00029	.00044	.00286	.115	.00057	.00004
%RSD	33.695	11.413	.99183	6.1468	82.574	.37486	.28365	4.0140
#1	-.00958	-.03805	.02943	.00742	.00548	30.711	.20180	.00115
#2	-.00589	-.04473	.02984	.00680	.00144	30.548	.20099	.00108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	7.5862	.05878	.02362	.07328	43.786	.41181	13.098
Stddev	.00009	.0156	.00039	.00138	.00017	.045	.00153	.027
%RSD	16.574	.20590	.65865	5.8265	.23559	.10381	.37265	.20469
#1	.00051	7.5972	.05851	.02264	.07340	43.753	.41072	13.079
#2	.00064	7.5751	.05906	.02459	.07316	43.818	.41289	13.117

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06412	-.00053	.67975	.05655	.28345	4.3959	.00192	.01435
Stddev	.00154	.00011	.00157	.00031	.00589	.0106	.00005	.00171
%RSD	2.4026	20.370	.23089	.55608	2.0786	.24137	2.5244	11.933
#1	.06521	-.00061	.67864	.05633	.28761	4.3884	.00195	.01556
#2	.06303	-.00045	.68086	.05677	.27928	4.4034	.00188	.01314

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.48133	5.2925	.00729	1.3983	z*****
Stddev	.00073	.0065	.00220	.0011	-----
%RSD	.15180	.12306	30.229	.08121	-----
#1	.48185	5.2879	.00884	1.3975	z 3390.1
#2	.48082	5.2971	.00573	1.3991	z 3395.9

Sample Name: A3828-11 Acquired: 8/11/2009 05:44:27 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.46	273.13	5591.7	9836.7	649.82
Stddev	3.52	1.86	5.2	22.5	.53
%RSD	2.0884	.67917	.09233	.22849	.08161
#1	165.97	271.81	5595.4	9820.8	649.45
#2	170.94	274.44	5588.1	9852.6	650.20

Sample Name: A3828-12 Acquired: 8/11/2009 05:51:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00412	-.04161	.13338	.00768	.00224	71.528	.33130	.00302
Stddev	.00114	.00143	.00075	.00058	.00022	.240	.00210	.00012
%RSD	27.537	3.4370	.55895	7.6049	9.7085	.33600	.63249	3.8737
#1	.00493	-.04262	.13391	.00727	.00208	71.359	.32982	.00294
#2	.00332	-.04060	.13286	.00809	.00239	71.698	.33278	.00310

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	10.946	.12242	.04546	.21207	94.288	1.2002	15.653
Stddev	.00014	.009	.00153	.00001	.00066	.145	.0002	.035
%RSD	2.1154	.08547	1.2507	.01558	.31264	.15409	.01738	.22398
#1	.00650	10.939	.12133	.04547	.21254	94.390	1.2003	15.629
#2	.00669	10.953	.12350	.04546	.21161	94.185	1.2000	15.678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12734	-.00079	.97269	.16986	.21932	3.1088	.00316	.01022
Stddev	.00179	.00064	.01031	.00059	.00336	.0026	.00021	.00188
%RSD	1.4093	80.215	1.0598	.34999	1.5325	.08356	6.6139	18.349
#1	.12861	-.00124	.96540	.16944	.21694	3.1107	.00331	.00890
#2	.12608	-.00034	.97998	.17028	.22169	3.1070	.00301	.01155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.4058	5.4697	.00853	1.8932	z*****
Stddev	.0027	.0823	.00045	.0019	-----
%RSD	.19138	1.5055	5.3023	.09854	-----
#1	1.4077	5.4114	.00821	1.8945	z 3633.2
#2	1.4039	5.5279	.00884	1.8919	z 3648.0

Sample Name: A3828-12 Acquired: 8/11/2009 05:51:04 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	181.29	287.40	6055.7	10592.	650.52
Stddev	2.10	1.02	49.7	11.	1.57
%RSD	1.1576	.35512	.82076	.10323	.24131
#1	182.77	288.12	6020.5	10585.	649.41
#2	179.80	286.67	6090.8	10600.	651.63

Sample Name: A3838-01 Acquired: 8/11/2009 05:57:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07949	-.02550	3.7092	.03505	.01825	60.661	.52232	.00278
Stddev	.00024	.00110	.0026	.00089	.00220	.319	.00329	.00018
%RSD	.30481	4.3224	.07105	2.5470	12.032	.52656	.63026	6.3602
#1	.07966	-.02628	3.7073	.03569	.01981	60.887	.52464	.00291
#2	.07931	-.02472	3.7110	.03442	.01670	60.435	.51999	.00266

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01494	134.85	.10477	.04208	.40532	112.37	2.1541	32.408
Stddev	.00001	.24	.00174	.00013	.00083	.15	.0024	.102
%RSD	.04896	.17716	1.6623	.30810	.20455	.13345	.11390	.31382
#1	.01494	134.68	.10601	.04218	.40590	112.47	2.1559	32.336
#2	.01495	135.02	.10354	.04199	.40473	112.26	2.1524	32.480

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10093	.00301	7.9417	.14797	1.3902	9.7231	.02875	.02394
Stddev	.00066	.00017	.0277	.00254	.0274	.0259	.00010	.00001
%RSD	.65605	5.7870	.34893	1.7144	1.9710	.26610	.33325	.05969
#1	.10046	.00313	7.9613	.14977	1.4096	9.7414	.02882	.02393
#2	.10139	.00289	7.9221	.14618	1.3708	9.7048	.02869	.02395

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	13.635	8.4325	.09735	3.7662	z*****
Stddev	.043	.0858	.00043	.0168	-----
%RSD	.31419	1.0179	.43757	.44614	-----
#1	13.666	8.4932	.09766	3.7781	z 4157.7
#2	13.605	8.3718	.09705	3.7543	z 4152.3

Sample Name: A3838-01 Acquired: 8/11/2009 05:57:43 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.48	269.28	5730.9	10017.	647.04
Stddev	3.92	.92	36.6	54.	3.71
%RSD	2.3543	.34049	.63934	.54053	.57337
#1	163.71	268.63	5705.0	9979.0	644.42
#2	169.25	269.93	5756.8	10056.	649.67

Sample Name: PB43916BL Acquired: 8/11/2009 06:04:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00580	-.01744	-.00389	.00246	.00186	.00134	-.00627	-.00025
Stddev	.00234	.00091	.00028	.00058	.00060	.00590	.00023	.00001
%RSD	40.375	5.2276	7.1435	23.810	32.175	439.41	3.6386	4.1155
#1	-.00746	-.01808	-.00369	.00287	.00228	-.00283	-.00611	-.00026
#2	-.00415	-.01679	-.00408	.00204	.00143	.00551	-.00643	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00046	-.00075	-.00055	-.00101	.00415	-.00019	.00128
Stddev	.00022	.00531	.00053	.00045	.00048	.00106	.00009	.00351
%RSD	87.528	1143.2	71.113	82.138	46.856	25.495	47.585	273.42
#1	-.00040	.00422	-.00112	-.00023	-.00135	.00489	-.00025	.00376
#2	-.00009	-.00329	-.00037	-.00087	-.00068	.00340	-.00012	-.00120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	.00005	.00400	-.00030	-.00060	.01778	.00122	.00078
Stddev	.00107	.00021	.00068	.00012	.00007	.00199	.00028	.00002
%RSD	60.746	450.41	17.011	41.166	11.998	11.186	22.920	2.1790
#1	-.00253	.00019	.00448	-.00039	-.00054	.01638	.00102	.00077
#2	-.00101	-.00010	.00352	-.00021	-.00065	.01919	.00142	.00079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.01378	-.02563	-.00183	-.00008	z*****
Stddev	.00011	.01195	.00098	.00004	-----
%RSD	.77414	46.632	53.486	46.705	-----
#1	-.01385	-.01718	-.00252	-.00005	z 2288.4
#2	-.01370	-.03408	-.00114	-.00010	z 2312.3

Sample Name: PB43916BL Acquired: 8/11/2009 06:04:18 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.41	266.14	5545.0	9703.9	633.77
Stddev	.64	.47	1.1	17.3	.25
%RSD	.38487	.17802	.01930	.17801	.03942
#1	165.96	265.80	5544.2	9691.7	633.59
#2	166.87	266.47	5545.7	9716.1	633.95

Sample Name: PB43916BS Acquired: 8/11/2009 06:10:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75284	1.7403	.93003	1.8130	.91454	1.7607	.20122
Stddev	.00182	.0076	.00042	.0012	.00173	.0046	.00010
%RSD	.24122	.43403	.04518	.06381	.18939	.26365	.05003
#1	.75156	1.7456	.93033	1.8122	.91576	1.7640	.20115
#2	.75413	1.7350	.92973	1.8138	.91331	1.7574	.20129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20010	.20067	1.0454	.39207	.19566	.27788	2.9551
Stddev	.00091	.00002	.0100	.00307	.00041	.00057	.0198
%RSD	.45602	.01082	.95131	.78231	.21094	.20514	.67042
#1	.19945	.20065	1.0525	.38990	.19537	.27828	2.9411
#2	.20074	.20068	1.0384	.39424	.19595	.27747	2.9691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19815	1.9027	.48992	.06674	2.9804	.28738	.19316
Stddev	.00010	.0130	.00026	.00050	.0010	.00117	.00346
%RSD	.05006	.68497	.05269	.74830	.03486	.40558	1.7903
#1	.19822	1.9119	.49010	.06709	2.9797	.28656	.19072
#2	.19808	1.8935	.48973	.06638	2.9812	.28821	.19561

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7713	.45312	.28245	F-.00220	1.0521	F.84198	F.23348
Stddev	.0365	.00137	.00085	.00119	.0167	.00198	.00055
%RSD	.37401	.30136	.30063	53.829	1.5862	.23497	.23526
#1	9.7454	.45215	.28185	-.00137	1.0639	.84058	.23309
#2	9.7971	.45408	.28305	-.00304	1.0403	.84338	.23387

Sample Name: PB43916BS Acquired: 8/11/2009 06:10:58 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	Cts/S
Avg	zF*****
Stddev	-----
%RSD	-----
#1	z 5820.5
#2	z 5826.0

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.03	270.51	5462.4	9414.9	653.88
Stddev	2.15	.07	6.7	5.3	.53
%RSD	1.3189	.02614	.12250	.05617	.08147
#1	164.55	270.56	5457.6	9411.2	653.50
#2	161.51	270.46	5467.1	9418.7	654.25

Sample Name: A3831-01 Acquired: 8/11/2009 06:17:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01192	-.03603	.00123	.00593	.00197	.04421	.01733	-.00029
Stddev	.00010	.00358	.00153	.00026	.00284	.00338	.00015	.00002
%RSD	.86654	9.9500	123.94	4.3851	144.35	7.6388	.89079	6.6831
#1	-.01199	-.03856	.00231	.00612	-.00004	.04660	.01743	-.00030
#2	-.01184	-.03349	.00015	.00575	.00397	.04182	.01722	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	23.567	-.00200	-.00077	.01215	.19660	.00454	6.4275
Stddev	.00003	.022	.00037	.00028	.00062	.00326	.00003	.0202
%RSD	5.9854	.09533	18.563	36.181	5.1415	1.6567	.66264	.31490
#1	-.00056	23.551	-.00226	-.00097	.01259	.19891	.00452	6.4418
#2	-.00061	23.583	-.00173	-.00057	.01170	.19430	.00456	6.4132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00323	.00038	58.513	.00034	.06451	2.1536	.00239	.04732
Stddev	.00040	.00015	.133	.00016	.00003	.0179	.00044	.00078
%RSD	12.479	39.801	.22813	48.799	.04988	.82985	18.314	1.6561
#1	-.00295	.00049	58.607	.00022	.06449	2.1662	.00269	.04788
#2	-.00352	.00027	58.418	.00045	.06453	2.1409	.00208	.04677

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	13.492	1.9529	.00015	.00080	z*****
Stddev	.025	.0045	.00089	.00032	-----
%RSD	.18771	.22998	578.77	39.595	-----
#1	13.510	1.9497	.00078	.00058	z 2318.5
#2	13.474	1.9561	-.00047	.00102	z 2323.8

Sample Name: A3831-01 Acquired: 8/11/2009 06:17:37 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.55	264.28	5394.0	9431.4	665.80
Stddev	.49	2.03	11.7	32.1	2.33
%RSD	.30830	.76968	.21761	.34019	.34977
#1	160.20	262.84	5385.7	9408.8	664.15
#2	160.90	265.72	5402.3	9454.1	667.44

Sample Name: CCV Acquired: 8/11/2009 06:24:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8678	4.7174	4.8116	4.7700	4.7765	9.5496	9.8189	.25079	2.4518
Stddev	.0314	.0065	.0172	.0475	.0411	.0188	.0741	.00170	.0009
%RSD	.64450	.13814	.35713	.99652	.85988	.19665	.75475	.67762	.03748
#1	4.8456	4.7128	4.8237	4.7364	4.7474	9.5363	9.7665	.24959	2.4511
#2	4.8900	4.7220	4.7994	4.8036	4.8055	9.5629	9.8713	.25199	2.4524

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.826	.98971	2.4495	1.1900	4.7832	2.4194	23.949	2.4720	1.2145
Stddev	.188	.00681	.0020	.0021	.0356	.0108	.224	.0029	.0045
%RSD	.75901	.68848	.08316	.17519	.74465	.44497	.93358	.11848	.36742
#1	24.693	.98489	2.4509	1.1885	4.7581	2.4118	23.791	2.4741	1.2113
#2	24.960	.99453	2.4480	1.1915	4.8084	2.4270	24.107	2.4700	1.2176

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.542	2.4092	2.4244	24.079	4.7050	4.7060	5.1053	4.5708	4.9583
Stddev	.052	.0065	.0182	.001	.0423	.0083	.0154	.0380	.0005
%RSD	.21314	.26821	.75022	.00440	.89789	.17651	.30132	.83184	.01099
#1	24.505	2.4047	2.4372	24.078	4.6751	4.7001	5.1162	4.5439	4.9579
#2	24.579	2.4138	2.4115	24.080	4.7349	4.7118	5.0945	4.5976	4.9587

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7730	zF*****
Stddev	.0103	-----
%RSD	.21651	-----
#1	4.7657	z 87375.
#2	4.7803	z 87251.

Sample Name: CCV Acquired: 8/11/2009 06:24:19 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.29	266.02	5425.6	9480.6	663.91
Stddev	1.60	2.18	14.2	14.5	.54
%RSD	.99580	.82046	.26130	.15285	.08140
#1	159.16	267.56	5415.6	9490.8	663.52
#2	161.42	264.47	5435.6	9470.3	664.29

Sample Name: CCB Acquired: 8/11/2009 06:30:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00554	-.01964	-.00219	.00080	.00465	.00985	-.00529	-.00019
Stddev	.00077	.00072	.00045	.00095	.00004	.00848	.00019	.00013
%RSD	13.984	3.6700	20.648	118.55	.75538	86.048	3.5745	68.415
#1	-.00608	-.01913	-.00250	.00148	.00462	.01584	-.00515	-.00028
#2	-.00499	-.02015	-.00187	.00013	.00467	.00386	-.00542	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00006	-.00213	-.00024	-.00023	.00177	-.00020	-.00283
Stddev	.00026	.00322	.00005	.00094	.00064	.00120	.00011	.00105
%RSD	410.77	5284.9	2.5137	397.56	280.05	67.828	53.460	37.199
#1	-.00012	.00222	-.00216	.00043	-.00068	.00262	-.00028	-.00209
#2	.00024	-.00234	-.00209	-.00090	.00022	.00092	-.00012	-.00358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	.00001	.00227	-.00007	-.00038	.01755	.00276	.00430
Stddev	.00013	.00032	.00559	.00066	.00014	.01296	.00044	.00064
%RSD	4.0622	2886.9	246.60	978.73	38.072	73.839	15.953	14.971
#1	-.00324	-.00022	-.00169	-.00053	-.00028	.02671	.00245	.00476
#2	-.00306	.00024	.00622	.00040	-.00048	.00838	.00308	.00385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.02055	-.01408	-.00118	.00039	z*****
Stddev	.00063	.01677	.00033	.00010	-----
%RSD	3.0785	119.03	27.962	26.639	-----
#1	-.02010	-.02594	-.00142	.00031	z 2320.3
#2	-.02100	-.00223	-.00095	.00046	z 2325.5

Sample Name: CCB Acquired: 8/11/2009 06:30:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.93	266.74	5534.2	9659.8	634.83
Stddev	.56	1.53	7.1	92.1	1.80
%RSD	.33802	.57525	.12881	.95379	.28292
#1	164.54	267.82	5529.1	9594.6	633.56
#2	165.33	265.65	5539.2	9724.9	636.10

Sample Name: A3831-02 Acquired: 8/11/2009 06:37:31 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01127	-.03836	.00892	.00529	.00270	.06386	.04309	-.00028
Stddev	.00079	.00257	.00204	.00140	.00103	.00680	.00042	.00002
%RSD	6.9943	6.6864	22.843	26.383	38.025	10.653	.98461	5.5892
#1	-.01071	-.03655	.01037	.00430	.00197	.05905	.04279	-.00027
#2	-.01182	-.04018	.00748	.00628	.00343	.06867	.04339	-.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	17.313	.00191	.00015	.03180	.83646	.03425	4.2514
Stddev	.00006	.063	.00016	.00027	.00022	.00500	.00031	.0008
%RSD	9.5870	.36488	8.1677	181.28	.68691	.59716	.90706	.01950
#1	-.00054	17.268	.00180	.00034	.03165	.83293	.03447	4.2520
#2	-.00061	17.357	.00202	-.00004	.03196	.84000	.03403	4.2508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00027	39.134	.00072	.51947	1.3975	.00254	.03664
Stddev	.00080	.00000	.036	.00062	.00175	.0005	.00020	.00055
%RSD	48.727	.31615	.09286	86.224	.33712	.03733	7.8295	1.5097
#1	-.00220	-.00027	39.108	.00115	.52071	1.3971	.00240	.03703
#2	-.00107	-.00027	39.160	.00028	.51823	1.3978	.00268	.03625

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	8.5763	1.5045	.00009	.00053	z*****
Stddev	.0844	.0198	.00072	.00023	-----
%RSD	.98408	1.3152	794.30	42.735	-----
#1	8.5166	1.5185	.00060	.00069	z 2321.4
#2	8.6360	1.4905	-.00042	.00037	z 2335.6

Sample Name: A3831-02 Acquired: 8/11/2009 06:37:31 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.58	265.65	5450.2	9389.7	665.02
Stddev	.98	.11	5.9	14.1	5.05
%RSD	.61710	.04081	.10776	.15062	.75883
#1	157.88	265.57	5454.3	9399.7	668.59
#2	159.27	265.73	5446.0	9379.7	661.45

Sample Name: A3833-01 Acquired: 8/11/2009 06:44:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01178	-.03987	-.00167	.00567	.00270	.04703	.00296	-.00033
Stddev	.00236	.00668	.00021	.00110	.00285	.00128	.00073	.00008
%RSD	20.039	16.751	12.868	19.334	105.88	2.7224	24.646	23.483
#1	-.01011	-.04459	-.00151	.00489	.00068	.04612	.00245	-.00027
#2	-.01345	-.03515	-.00182	.00644	.00471	.04794	.00348	-.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	16.189	-.00126	-.00013	.04850	.13189	.02709	4.4400
Stddev	.00004	.066	.00051	.00025	.00076	.00354	.00054	.0376
%RSD	6.6143	.40989	40.036	196.18	1.5702	2.6835	1.9852	.84709
#1	-.00061	16.142	-.00091	.00005	.04796	.12938	.02671	4.4134
#2	-.00055	16.236	-.00162	-.00030	.04904	.13439	.02747	4.4666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	-.00033	26.014	.00085	.11150	1.9623	.00228	.01840
Stddev	.00009	.00057	.087	.00012	.00199	.0055	.00004	.00048
%RSD	2.5580	170.73	.33502	13.926	1.7891	.28172	1.7495	2.6213
#1	-.00352	-.00074	26.076	.00093	.11291	1.9662	.00231	.01806
#2	-.00365	.00007	25.953	.00077	.11009	1.9584	.00225	.01874

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2.5795	1.4130	-.00126	.00022	z*****
Stddev	.0061	.0087	.00092	.00024	-----
%RSD	.23490	.61542	72.719	111.01	-----
#1	2.5838	1.4192	-.00061	.00039	z 2334.2
#2	2.5752	1.4069	-.00191	.00005	z 2370.6

Sample Name: A3833-01 Acquired: 8/11/2009 06:44:09 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	162.71	264.55	5495.1	9473.7	656.80
Stddev	1.75	.96	3.3	8.3	.68
%RSD	1.0754	.36440	.06013	.08791	.10299
#1	161.47	263.87	5492.8	9467.9	656.32
#2	163.95	265.23	5497.4	9479.6	657.28

Sample Name: A3839-01 Acquired: 8/11/2009 06:50:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01557	-.04250	.00166	.00986	.00255	.08941	.01564	-.00032
Stddev	.00096	.00215	.00019	.00218	.00158	.00112	.00099	.00001
%RSD	6.1898	5.0695	11.157	22.087	61.738	1.2491	6.3573	2.3481
#1	-.01625	-.04402	.00179	.00832	.00367	.08862	.01634	-.00033
#2	-.01489	-.04098	.00153	.01141	.00144	.09020	.01493	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	17.962	.00371	.00028	.05392	.47458	.01381	3.9691
Stddev	.00007	.011	.00016	.00070	.00051	.00945	.00005	.0033
%RSD	18.113	.06185	4.1879	251.38	.93994	1.9906	.38271	.08400
#1	-.00035	17.970	.00382	-.00022	.05357	.48126	.01377	3.9715
#2	-.00045	17.954	.00360	.00077	.05428	.46790	.01385	3.9668

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	-.00015	57.523	-.00010	.03109	10.036	.00196	.01937
Stddev	.00059	.00045	.282	.00052	.00013	.009	.00008	.00119
%RSD	26.415	299.81	.49022	536.58	.41369	.09379	4.1398	6.1656
#1	-.00267	.00017	57.324	-.00047	.03100	10.029	.00190	.02021
#2	-.00183	-.00047	57.723	.00027	.03119	10.043	.00202	.01852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.1884	3.8675	.00282	.00100	z*****
Stddev	.0020	.0325	.00065	.00014	-----
%RSD	.03809	.83950	23.088	14.335	-----
#1	5.1898	3.8446	.00236	.00110	z 2295.6
#2	5.1870	3.8905	.00328	.00090	z 2275.1

Sample Name: A3839-01 Acquired: 8/11/2009 06:50:49 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	159.29	265.90	5452.8	9442.3	666.31
Stddev	.89	.23	11.4	26.4	1.41
%RSD	.56034	.08776	.20973	.27966	.21189
#1	159.92	266.06	5444.8	9423.7	665.31
#2	158.66	265.73	5460.9	9461.0	667.31

Sample Name: A3840-01 Acquired: 8/11/2009 06:57:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03946	-.01347	-.04024	.01787	.02583	.00244	.00328	-.00159
Stddev	.00036	.00024	.00496	.00061	.00056	.00271	.00044	.00002
%RSD	.91205	1.7978	12.320	3.4182	2.1699	110.97	13.493	1.4911
#1	-.03971	-.01330	-.03673	.01744	.02622	.00436	.00359	-.00160
#2	-.03921	-.01365	-.04374	.01831	.02543	.00053	.00297	-.00157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	25.250	.05520	-.01215	-.01434	.01989	-.00013	1.6841
Stddev	.00025	.113	.00086	.00160	.00116	.00404	.00001	.0384
%RSD	23.131	.44623	1.5588	13.162	8.1002	20.333	7.9262	2.2821
#1	-.00127	25.330	.05459	-.01328	-.01352	.02275	-.00014	1.7113
#2	-.00091	25.170	.05581	-.01102	-.01516	.01703	-.00013	1.6569

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03510	-.00289	^*****	-.00553	.01125	15.266	35.071	.22109
Stddev	.00074	.00220	-----	.00138	.00031	.048	.179	.00088
%RSD	2.1111	76.091	-----	24.902	2.7494	.31655	.50990	.39992
#1	.03563	-.00134	^-----	-.00456	.01103	15.300	34.945	.22172
#2	.03458	-.00445	^-----	-.00651	.01147	15.232	35.197	.22046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	2080.1	1.5382	-.01504	.02529	z*****
Stddev	.3	.0151	.00072	.00018	-----
%RSD	.01448	.97888	4.7609	.70879	-----
#1	2079.9	1.5489	-.01453	.02516	z 2194.8
#2	2080.3	1.5276	-.01554	.02542	z 2206.3

Sample Name: A3840-01 Acquired: 8/11/2009 06:57:29 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	109.05	230.97	3787.4	6620.0	445.72
Stddev	.35	.21	1.1	52.9	.67
%RSD	.32114	.09169	.02902	.79933	.14950
#1	108.80	230.82	3788.2	6582.6	445.25
#2	109.29	231.12	3786.7	6657.4	446.19

Sample Name: A3843-01 Acquired: 8/11/2009 07:04:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01157	-.03321	-.00121	.00450	.00352	.12444	.01349	-.00041
Stddev	.00082	.00416	.00362	.00069	.00172	.00846	.00017	.00000
%RSD	7.0769	12.535	300.02	15.272	48.741	6.8007	1.2346	.74848
#1	-.01215	-.03027	-.00376	.00401	.00231	.13043	.01337	-.00041
#2	-.01099	-.03615	.00135	.00499	.00473	.11846	.01361	-.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	28.513	-.00131	-.00040	.05715	.11252	.02673	5.9851
Stddev	.00037	.009	.00068	.00019	.00044	.00296	.00011	.0041
%RSD	62.908	.03012	52.052	47.800	.76623	2.6329	.40527	.06815
#1	-.00085	28.507	-.00179	-.00053	.05746	.11462	.02665	5.9822
#2	-.00033	28.519	-.00083	-.00026	.05684	.11043	.02681	5.9880

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00023	232.12	-.00002	.19666	3.2152	.03122	.02197
Stddev	.00027	.00048	.07	.00083	.00509	.0060	.00489	.00013
%RSD	38.578	204.96	.02861	3754.6	2.5896	.18642	15.669	.58436
#1	-.00051	.00010	232.07	-.00061	.20026	3.2194	.03468	.02188
#2	-.00090	-.00057	232.16	.00056	.19306	3.2109	.02776	.02206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.3987	1.1496	-.00019	.00055	z*****
Stddev	.0834	.0083	.00030	.00038	-----
%RSD	1.5448	.72128	156.19	68.807	-----
#1	5.3398	1.1554	.00002	.00082	z 2357.5
#2	5.4577	1.1437	-.00040	.00028	z 2366.6

Sample Name: A3843-01 Acquired: 8/11/2009 07:04:10 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	154.15	275.35	5232.5	9089.2	706.95
Stddev	4.20	.45	32.7	46.0	.04
%RSD	2.7278	.16179	.62437	.50627	.00633
#1	151.18	275.03	5209.4	9056.6	706.98
#2	157.12	275.66	5255.6	9121.7	706.91

Sample Name: A3843-01 Acquired: 8/11/2009 07:10:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01236	-.03896	.00157	.00543	.00222	.12954	.01382	-.00038
Stddev	.00130	.00015	.00069	.00142	.00343	.00003	.00004	.00005
%RSD	10.483	.39507	44.152	26.110	154.58	.02601	.28805	12.481
#1	-.01328	-.03885	.00108	.00644	.00465	.12956	.01385	-.00041
#2	-.01144	-.03907	.00206	.00443	-.00021	.12952	.01379	-.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	27.871	-.00167	-.00061	.05698	.10679	.02640	5.8425
Stddev	.00025	.036	.00116	.00024	.00053	.00180	.00031	.0155
%RSD	46.031	.12913	69.175	38.382	.93579	1.6874	1.1827	.26540
#1	-.00072	27.897	-.00086	-.00078	.05736	.10806	.02617	5.8316
#2	-.00037	27.846	-.00249	-.00045	.05661	.10551	.02662	5.8535

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00005	233.17	-.00026	.19325	3.0212	.01200	.01996
Stddev	.00103	.00007	.51	.00054	.00206	.0013	.00088	.00011
%RSD	98.159	158.16	.21710	202.60	1.0683	.04252	7.3024	.56020
#1	-.00178	-.00010	232.82	.00011	.19471	3.0221	.01262	.01988
#2	-.00032	.00001	233.53	-.00064	.19179	3.0203	.01138	.02004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	4.4334	1.1129	-.00124	.00075	z*****
Stddev	.0459	.0436	.00169	.00009	-----
%RSD	1.0342	3.9198	136.64	11.478	-----
#1	4.4658	1.1437	-.00004	.00069	z 2359.3
#2	4.4010	1.0821	-.00243	.00081	z 2359.3

Sample Name: A3843-01 Acquired: 8/11/2009 07:10:56 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	153.63	274.74	5198.8	9150.2	702.74
Stddev	1.33	1.92	3.9	16.1	1.50
%RSD	.86446	.70005	.07468	.17639	.21332
#1	152.69	273.38	5201.5	9138.8	701.68
#2	154.56	276.10	5196.0	9161.6	703.80

Sample Name: A3843-01L Acquired: 8/11/2009 07:17:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00592	-.02431	-.00325	.00286	.00251	.06343	-.00106	-.00019
Stddev	.00103	.00129	.00174	.00008	.00161	.00143	.00019	.00007
%RSD	17.395	5.3215	53.696	2.9589	64.238	2.2528	17.554	35.898
#1	-.00664	-.02340	-.00201	.00292	.00364	.06242	-.00120	-.00023
#2	-.00519	-.02523	-.00448	.00280	.00137	.06444	-.00093	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	5.7326	-.00152	.00011	.01015	.02118	.00542	1.2388
Stddev	.00011	.0579	.00143	.00010	.00012	.00172	.00032	.0189
%RSD	35.131	1.0100	94.380	93.179	1.1767	8.1366	5.9081	1.5247
#1	-.00023	5.6916	-.00051	.00018	.01007	.01996	.00519	1.2255
#2	-.00038	5.7735	-.00253	.00004	.01024	.02240	.00564	1.2522

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00012	50.628	-.00110	.03878	.64630	.00419	.00443
Stddev	.00113	.00027	.213	.00111	.00006	.00894	.00083	.00085
%RSD	89.897	223.97	.42108	100.61	.14750	1.3834	19.892	19.250
#1	-.00046	.00031	50.477	-.00032	.03882	.63997	.00478	.00383
#2	-.00205	-.00007	50.779	-.00188	.03874	.65262	.00360	.00504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	1.0320	.20814	-.00172	.00006	z*****
Stddev	.0039	.01251	.00190	.00024	-----
%RSD	.37277	6.0104	109.98	400.81	-----
#1	1.0293	.21699	-.00306	-.00011	z 2319.4
#2	1.0348	.19930	-.00038	.00023	z 2349.8

Sample Name: A3843-01L Acquired: 8/11/2009 07:17:42 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.88	279.09	5383.9	9530.7	680.56
Stddev	.18	.53	16.6	61.4	.12
%RSD	.11093	.18833	.30754	.64425	.01766
#1	161.75	279.46	5395.6	9574.1	680.47
#2	162.01	278.72	5372.2	9487.3	680.64

Sample Name: A3843-01S Acquired: 8/11/2009 07:24:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63442	1.7453	.87874	1.3409	.66949	2.1623	.20089	.18180	.17209
Stddev	.00111	.0120	.00984	.0027	.00288	.0212	.00105	.00068	.00049
%RSD	.17513	.68591	1.1201	.19857	.43019	.98236	.52204	.37597	.28738
#1	.63363	1.7369	.87178	1.3427	.67153	2.1773	.20163	.18228	.17174
#2	.63520	1.7538	.88570	1.3390	.66745	2.1473	.20015	.18132	.17244

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.274	.38461	.17375	.33070	2.7664	.20419	7.4568	.44474	.07209
Stddev	.028	.00372	.00140	.00048	.0053	.00108	.0076	.00092	.00136
%RSD	.09980	.96675	.80303	.14582	.19186	.53069	.10210	.20703	1.8842
#1	28.254	.38724	.17277	.33104	2.7626	.20343	7.4514	.44409	.07305
#2	28.294	.38198	.17474	.33036	2.7702	.20496	7.4622	.44539	.07113

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	233.46	.27876	.35702	11.814	.34663	.28085	4.0389	1.8641	.62204
Stddev	3.89	.00197	.00472	.039	.00027	.00064	.0066	.0463	.00477
%RSD	1.6678	.70849	1.3219	.33309	.07832	.22749	.16396	2.4848	.76690
#1	236.21	.28016	.36036	11.841	.34644	.28040	4.0343	1.8968	.61867
#2	230.71	.27736	.35369	11.786	.34682	.28130	4.0436	1.8313	.62541

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.17682	z*****
Stddev	.00060	-----
%RSD	.33874	-----
#1	.17724	z 5463.0
#2	.17640	z 5462.7

Sample Name: A3843-01S Acquired: 8/11/2009 07:24:22 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.42	274.01	5215.3	9134.6	704.24
Stddev	2.25	.62	29.9	37.0	1.07
%RSD	1.4227	.22624	.57347	.40463	.15128
#1	156.82	273.57	5194.1	9108.5	704.99
#2	160.01	274.44	5236.4	9160.8	703.49

Sample Name: A3843-01SD Acquired: 8/11/2009 07:31:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62858	1.7303	.87533	1.3266	.66223	2.1739	.20060	.18400	.17164
Stddev	.00477	.0036	.00581	.0059	.00039	.0095	.00018	.00092	.00030
%RSD	.75948	.20675	.66377	.44575	.05963	.43924	.09132	.49963	.17454
#1	.62520	1.7328	.87944	1.3308	.66195	2.1671	.20047	.18335	.17185
#2	.63195	1.7277	.87122	1.3224	.66251	2.1806	.20073	.18465	.17142

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.354	.38382	.17366	.33044	2.7438	.20308	7.4583	.44200	.07066
Stddev	.174	.00114	.00177	.00118	.0111	.00175	.0590	.00010	.00018
%RSD	.61484	.29759	1.0217	.35716	.40507	.86357	.79094	.02211	.24911
#1	28.231	.38463	.17241	.32960	2.7359	.20184	7.4166	.44206	.07079
#2	28.478	.38301	.17492	.33127	2.7516	.20432	7.5000	.44193	.07054

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	237.23	.27804	.35964	11.706	.34055	.27809	3.9750	1.8725	.62140
Stddev	2.93	.00262	.00015	.007	.00133	.00076	.0095	.0110	.00038
%RSD	1.2345	.94080	.04185	.05874	.38941	.27353	.24034	.58588	.06046
#1	235.16	.27619	.35954	11.701	.33962	.27863	3.9817	1.8647	.62166
#2	239.31	.27989	.35975	11.711	.34149	.27755	3.9682	1.8802	.62113

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.17637	z*****
Stddev	.00109	-----
%RSD	.61660	-----
#1	.17560	z 5464.5
#2	.17714	z 5463.7

Sample Name: A3843-01SD Acquired: 8/11/2009 07:31:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.34	275.94	5252.5	9127.1	704.32
Stddev	.76	.01	7.7	31.3	1.02
%RSD	.48505	.00256	.14672	.34296	.14524
#1	156.87	275.93	5247.0	9149.3	703.60
#2	155.80	275.94	5257.9	9105.0	705.04

Sample Name: A3843-01A Acquired: 8/11/2009 07:37:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63039	1.7538	.88044	1.3449	.66633	2.1886	.20164	.18622	.17340
Stddev	.00954	.0100	.00652	.0178	.01109	.0347	.00094	.00166	.00116
%RSD	1.5130	.57168	.74109	1.3268	1.6649	1.5830	.46488	.89258	.66850
#1	.63713	1.7609	.88505	1.3575	.67418	2.2131	.20098	.18739	.17422
#2	.62364	1.7467	.87582	1.3323	.65849	2.1641	.20231	.18504	.17258

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.081	.38443	.17621	.33105	2.7470	.20349	7.3548	.44655	.07051
Stddev	.003	.00382	.00200	.00269	.0015	.00065	.0297	.00440	.00030
%RSD	.01157	.99439	1.1371	.81252	.05301	.31827	.40345	.98457	.42110
#1	28.083	.38714	.17763	.33295	2.7480	.20303	7.3338	.44966	.07030
#2	28.078	.38173	.17480	.32914	2.7459	.20394	7.3758	.44344	.07072

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	234.36	.28182	.36060	11.592	.33993	.27863	3.9402	1.8692	.62582
Stddev	1.10	.00121	.00580	.023	.00265	.00220	.0321	.0031	.00521
%RSD	.46922	.42816	1.6082	.19909	.78021	.79086	.81560	.16298	.83199
#1	235.13	.28267	.36470	11.575	.34180	.28019	3.9630	1.8714	.62950
#2	233.58	.28096	.35650	11.608	.33805	.27707	3.9175	1.8670	.62214

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	.17520	z*****
Stddev	.00138	-----
%RSD	.78799	-----
#1	.17423	z 5473.6
#2	.17618	z 5544.3

Sample Name: A3843-01A Acquired: 8/11/2009 07:37:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	157.52	276.89	5311.4	9153.7	704.45
Stddev	2.96	3.44	25.4	54.6	5.91
%RSD	1.8783	1.2428	.47824	.59596	.83949
#1	155.43	274.45	5293.4	9115.2	700.27
#2	159.61	279.32	5329.3	9192.3	708.63

Sample Name: CCV Acquired: 8/11/2009 07:44:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7236	4.5757	4.6870	4.6510	4.6464	9.5620	9.4813	.24979
Stddev	.0076	.0087	.0081	.0125	.0207	.0136	.0739	.00037
%RSD	.15993	.19090	.17221	.26867	.44511	.14208	.77978	.14797
#1	4.7290	4.5819	4.6927	4.6599	4.6611	9.5716	9.4290	.24953
#2	4.7183	4.5695	4.6813	4.6422	4.6318	9.5524	9.5336	.25005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3724	24.185	1.0083	2.3933	1.1873	4.6294	2.3418	23.179
Stddev	.0025	.006	.0073	.0044	.0011	.0030	.0097	.004
%RSD	.10531	.02463	.72867	.18368	.09437	.06414	.41390	.01912
#1	2.3706	24.181	1.0031	2.3901	1.1865	4.6315	2.3349	23.183
#2	2.3741	24.190	1.0135	2.3964	1.1881	4.6273	2.3486	23.176

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4288	1.2386	24.097	2.3740	2.3486	23.591	F4.4936	4.6391
Stddev	.0073	.0062	.122	.0080	.0249	.100	.0161	.0001
%RSD	.29869	.50204	.50738	.33898	1.0619	.42499	.35848	.00286
#1	2.4236	1.2342	24.183	2.3797	2.3662	23.662	4.5050	4.6392
#2	2.4339	1.2430	24.010	2.3683	2.3310	23.520	4.4822	4.6390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	5.1426	F4.3466	4.8419	4.6246	zF*****
Stddev	.0167	.0260	.0066	.0018	-----
%RSD	.32431	.59874	.13716	.03965	-----
#1	5.1308	4.3650	4.8372	4.6233	z 87942.
#2	5.1544	4.3282	4.8466	4.6259	z 87430.

Sample Name: CCV Acquired: 8/11/2009 07:44:33 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	161.54	276.28	5431.7	9574.2	679.00
Stddev	2.04	1.30	20.1	12.3	.20
%RSD	1.2646	.47066	.36961	.12839	.02978
#1	160.09	275.36	5445.9	9565.5	679.15
#2	162.98	277.20	5417.5	9582.9	678.86

Sample Name: CCB Acquired: 8/11/2009 07:51:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00742	-.02179	-.00349	.00312	.00430	.05737	-.00660	-.00018
Stddev	.00034	.00014	.00065	.00125	.00086	.00042	.00060	.00006
%RSD	4.5829	.63358	18.647	40.106	19.963	.73774	9.1117	33.493
#1	-.00718	-.02189	-.00303	.00400	.00491	.05767	-.00617	-.00014
#2	-.00766	-.02169	-.00395	.00223	.00369	.05708	-.00702	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00669	-.00112	.00017	-.00056	-.00085	-.00014	-.00295
Stddev	.00006	.00500	.00032	.00110	.00001	.00121	.00014	.00270
%RSD	510.16	74.702	28.614	628.14	1.6387	141.75	96.165	91.429
#1	.00003	-.01022	-.00134	.00095	-.00056	-.00170	-.00005	-.00104
#2	-.00005	-.00316	-.00089	-.00060	-.00055	.00000	-.00024	-.00486

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	-.00013	.08168	-.00088	-.00039	.01991	.00293	.00382
Stddev	.00024	.00001	.00327	.00021	.00042	.00197	.00049	.00072
%RSD	16.624	10.091	3.9984	24.178	107.37	9.8890	16.870	18.947
#1	-.00129	-.00013	.08398	-.00073	-.00009	.01852	.00328	.00331
#2	-.00164	-.00012	.07937	-.00104	-.00068	.02130	.00258	.00434

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.00259	-.01501	-.00220	.00049	z*****
Stddev	.00077	.03059	.00179	.00027	-----
%RSD	29.593	203.83	81.509	55.389	-----
#1	.00313	.00662	-.00093	.00030	z 2343.4
#2	.00205	-.03664	-.00347	.00069	z 2331.2

Sample Name: CCB Acquired: 8/11/2009 07:51:06 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.15	274.07	5495.6	9735.6	645.15
Stddev	3.49	1.66	90.8	160.6	.15
%RSD	2.1416	.60631	1.6528	1.6496	.02338
#1	160.68	272.89	5431.3	9622.1	645.26
#2	165.62	275.24	5559.8	9849.2	645.04

Sample Name: A3843-03 Acquired: 8/11/2009 07:57:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01120	-.03301	.00214	.00486	.00515	.15651	.03115	-.00036
Stddev	.00031	.00202	.00111	.00163	.00194	.00155	.00015	.00017
%RSD	2.7554	6.1243	52.162	33.535	37.568	.98884	.49233	47.402
#1	-.01098	-.03158	.00292	.00371	.00379	.15541	.03104	-.00024
#2	-.01142	-.03444	.00135	.00601	.00652	.15760	.03126	-.00048

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	54.469	-.00263	-.00077	.07257	.45850	.01471	12.048
Stddev	.00013	.290	.00013	.00039	.00018	.01261	.00007	.102
%RSD	37.511	.53297	4.8286	51.044	.24229	2.7500	.48464	.84989
#1	-.00025	54.264	-.00254	-.00104	.07245	.46742	.01476	11.975
#2	-.00043	54.674	-.00272	-.00049	.07269	.44959	.01466	12.120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00021	309.78	.00110	.04048	4.7513	.71380	.05299
Stddev	.00040	.00040	1.86	.00028	.00116	.0130	.00093	.00091
%RSD	18.868	191.51	.60175	25.194	2.8697	.27263	.12991	1.7208
#1	-.00182	.00007	308.46	.00130	.04130	4.7422	.71314	.05363
#2	-.00238	-.00049	311.10	.00090	.03966	4.7605	.71445	.05234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	13.261	2.2270	.00017	-.00041	z*****
Stddev	.018	.0213	.00060	.00048	-----
%RSD	.13756	.95728	356.78	116.69	-----
#1	13.274	2.2421	.00059	-.00075	z 2367.8
#2	13.248	2.2119	-.00026	-.00007	z 2402.3

Sample Name: A3843-03 Acquired: 8/11/2009 07:57:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	156.48	274.61	5199.3	9203.4	706.89
Stddev	2.95	.32	31.7	13.8	.27
%RSD	1.8852	.11587	.61022	.15006	.03834
#1	154.40	274.83	5221.7	9213.1	706.70
#2	158.57	274.38	5176.9	9193.6	707.08

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:04:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00570	-.01913	-.00478	.00126	.00279	.06013	-.00612	-.00022
Stddev	.00110	.00001	.00001	.00054	.00130	.00081	.00042	.00003
%RSD	19.307	.04095	.18216	42.736	46.643	1.3472	6.8083	14.259
#1	-.00492	-.01914	-.00478	.00164	.00187	.05956	-.00641	-.00020
#2	-.00648	-.01912	-.00477	.00088	.00371	.06071	-.00582	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00310	-.00161	.00032	-.00032	-.00258	-.00012	-.00898
Stddev	.00005	.00314	.00028	.00005	.00072	.00106	.00015	.01125
%RSD	24.771	101.46	17.421	15.526	224.42	41.001	119.67	125.24
#1	-.00018	-.00088	-.00141	.00035	-.00083	-.00333	-.00002	-.01693
#2	-.00025	-.00532	-.00180	.00028	.00019	-.00183	-.00023	-.00103

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	.00025	.07992	.00020	-.00051	.01693	.00172	.00070
Stddev	.00056	.00019	.00669	.00047	.00003	.00601	.00046	.00061
%RSD	30.740	77.034	8.3771	232.13	6.5324	35.522	26.949	86.314
#1	-.00222	.00038	.08465	-.00013	-.00048	.01268	.00139	.00027
#2	-.00143	.00011	.07518	.00054	-.00053	.02118	.00205	.00113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00380	-.01796	-.00192	-.00049	z*****
Stddev	.00041	.00019	.00097	.00032	-----
%RSD	10.838	1.0806	50.705	64.457	-----
#1	-.00409	-.01782	-.00261	-.00027	z 2312.5
#2	-.00351	-.01810	-.00123	-.00071	z 2360.8

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:04:32 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	166.35	271.94	5501.8	9697.3	640.98
Stddev	1.25	1.83	21.8	15.5	2.36
%RSD	.75299	.67346	.39627	.15954	.36772
#1	165.47	270.64	5517.2	9708.3	639.31
#2	167.24	273.23	5486.4	9686.4	642.65

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:11:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00605	-.02410	-.00292	.00103	.00276	.05718	-.00716	-.00016
Stddev	.00193	.00489	.00389	.00201	.00181	.00777	.00016	.00004
%RSD	31.826	20.290	133.21	195.84	65.491	13.598	2.2877	26.258
#1	-.00741	-.02755	-.00017	.00245	.00148	.05168	-.00727	-.00013
#2	-.00469	-.02064	-.00567	-.00040	.00404	.06267	-.00704	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00565	-.00206	-.00054	-.00069	.00008	-.00035	.00103
Stddev	.00001	.00062	.00044	.00007	.00098	.00143	.00016	.00707
%RSD	3.0039	11.051	21.260	13.758	141.53	1864.7	45.585	684.55
#1	-.00030	-.00609	-.00175	-.00049	.00000	.00109	-.00046	-.00397
#2	-.00031	-.00521	-.00237	-.00060	-.00139	-.00094	-.00023	.00603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00043	.06964	-.00075	-.00049	.01334	.00190	.00062
Stddev	.00050	.00021	.00241	.00043	.00046	.00369	.00069	.00126
%RSD	27.315	50.466	3.4672	57.726	94.261	27.634	36.506	203.90
#1	-.00147	-.00058	.06793	-.00044	-.00016	.01073	.00141	.00151
#2	-.00217	-.00027	.07135	-.00106	-.00082	.01595	.00239	-.00027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.00305	-.01290	-.00315	-.00083	z*****
Stddev	.01541	.01410	.00041	.00013	-----
%RSD	504.83	109.36	13.078	15.746	-----
#1	-.00784	-.02287	-.00286	-.00092	z 2301.5
#2	.01395	-.00292	-.00344	-.00074	z 2323.0

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:11:17 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	163.05	267.52	5535.3	9622.6	641.62
Stddev	.13	.14	19.8	20.6	.97
%RSD	.08140	.05375	.35847	.21437	.15098
#1	162.96	267.41	5549.3	9637.2	642.31
#2	163.15	267.62	5521.3	9608.0	640.94

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:17:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00587	-.02026	-.00047	.00206	.00220	.05028	-.00729	-.00024
Stddev	.00109	.00110	.00073	.00092	.00093	.00676	.00060	.00001
%RSD	18.598	5.4194	156.61	44.473	42.322	13.437	8.2484	5.9252
#1	-.00510	-.02104	.00005	.00271	.00155	.05505	-.00687	-.00023
#2	-.00664	-.01948	-.00098	.00141	.00286	.04550	-.00772	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00121	-.00222	-.00024	-.00090	-.00058	-.00021	-.01458
Stddev	.00017	.00268	.00035	.00065	.00004	.00330	.00006	.00548
%RSD	53.015	222.09	15.858	272.31	4.6419	572.08	31.358	37.584
#1	-.00020	-.00069	-.00247	-.00070	-.00093	-.00291	-.00016	-.01845
#2	-.00044	.00310	-.00197	.00022	-.00087	.00175	-.00025	-.01070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	-.00006	.06125	.00011	-.00035	.02642	.00161	.00114
Stddev	.00163	.00046	.00400	.00014	.00012	.00589	.00015	.00019
%RSD	52.895	731.55	6.5339	131.99	35.079	22.279	9.1118	16.635
#1	-.00424	-.00039	.06408	.00021	-.00044	.02225	.00171	.00128
#2	-.00193	.00026	.05842	.00001	-.00026	.03058	.00150	.00101

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00802	-.02154	-.00293	-.00012	z*****
Stddev	.00260	.01882	.00136	.00059	-----
%RSD	32.440	87.394	46.579	469.52	-----
#1	-.00986	-.03485	-.00196	.00029	z 2318.3
#2	-.00618	-.00823	-.00389	-.00054	z 2335.7

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:17:57 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	165.28	274.39	5548.8	9738.1	644.00
Stddev	4.35	.62	1.2	22.8	.69
%RSD	2.6304	.22764	.02158	.23457	.10724
#1	162.21	273.94	5547.9	9721.9	644.49
#2	168.35	274.83	5549.6	9754.2	643.51

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:24:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00744	-.01853	-.00343	.00274	.00231	.06340	-.00716	-.00011
Stddev	.00024	.00069	.00526	.00063	.00253	.00458	.00088	.00000
%RSD	3.2615	3.7035	153.56	22.939	109.39	7.2312	12.334	.79610
#1	-.00761	-.01805	-.00715	.00318	.00052	.06664	-.00653	-.00011
#2	-.00727	-.01902	.00029	.00229	.00410	.06016	-.00778	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00257	-.00204	.00012	-.00003	-.00113	-.00013	-.00711
Stddev	.00004	.00041	.00064	.00059	.00162	.00326	.00025	.01829
%RSD	35.996	15.930	31.312	487.07	5375.2	287.76	189.48	257.15
#1	-.00016	-.00286	-.00159	-.00030	.00111	-.00344	.00004	.00582
#2	-.00009	-.00228	-.00249	.00054	-.00117	.00117	-.00031	-.02005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00033	.05233	.00015	-.00056	.01280	.00164	.00149
Stddev	.00053	.00022	.00060	.00023	.00004	.00784	.00026	.00071
%RSD	24.763	67.290	1.1374	154.21	7.0749	61.271	16.105	48.089
#1	-.00175	-.00017	.05275	-.00001	-.00059	.00725	.00183	.00199
#2	-.00249	-.00049	.05191	.00031	-.00053	.01835	.00146	.00098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00794	-.01925	-.00245	-.00023	z*****
Stddev	.00241	.00376	.00099	.00044	-----
%RSD	30.297	19.522	40.428	190.26	-----
#1	-.00964	-.01660	-.00175	.00008	z 2332.8
#2	-.00624	-.02191	-.00315	-.00054	z 2320.6

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:24:47 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	167.69	274.56	5562.1	9766.2	643.63
Stddev	.68	.86	25.5	114.0	.59
%RSD	.40290	.31248	.45790	1.1676	.09155
#1	168.17	275.17	5544.1	9685.6	643.21
#2	167.22	273.95	5580.1	9846.9	644.04

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:31:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	-.02125	-.00120	.00072	-.00003	.05781	-.00736	-.00020
Stddev	.00174	.00062	.00471	.00112	.00045	.00037	.00001	.00010
%RSD	28.055	2.9391	391.78	156.61	1557.4	.64300	.12281	51.210
#1	-.00742	-.02081	.00213	.00151	.00029	.05807	-.00735	-.00028
#2	-.00496	-.02169	-.00453	-.00008	-.00035	.05755	-.00737	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00412	-.00125	-.00073	-.00064	-.00036	-.00019	.00314
Stddev	.00004	.00700	.00051	.00062	.00064	.00109	.00021	.00035
%RSD	52.792	170.07	40.605	84.102	100.27	306.14	107.59	11.107
#1	-.00011	-.00907	-.00161	-.00117	-.00109	.00042	-.00005	.00339
#2	-.00005	.00083	-.00089	-.00030	-.00019	-.00113	-.00034	.00289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	-.00015	.04883	.00016	-.00072	.02045	.00120	.00052
Stddev	.00038	.00033	.00099	.00117	.00012	.00110	.00024	.00031
%RSD	11.644	219.15	2.0207	749.53	16.012	5.3622	19.578	58.845
#1	-.00356	-.00039	.04953	-.00067	-.00064	.02123	.00103	.00030
#2	-.00302	.00008	.04813	.00098	-.00080	.01968	.00137	.00074

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00978	-.01539	-.00121	-.00014	z*****
Stddev	.00093	.00145	.00049	.00013	-----
%RSD	9.5472	9.4339	40.651	91.454	-----
#1	-.00912	-.01436	-.00156	-.00005	z 2314.0
#2	-.01044	-.01641	-.00086	-.00023	z 2329.4

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:31:28 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.76	273.31	5556.6	9823.9	642.59
Stddev	.22	.43	5.2	50.2	.72
%RSD	.13562	.15696	.09369	.51069	.11187
#1	164.91	273.61	5552.9	9859.4	643.10
#2	164.60	273.01	5560.3	9788.4	642.08

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:38:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	.00973	.01272	-.00179	.00141	.07442	-.00559	.00007
Stddev	.00231	.00014	.00058	.00079	.00120	.01318	.00028	.00001
%RSD	50.959	1.4091	4.5516	44.323	84.962	17.710	4.9315	13.062
#1	.00290	.00983	.01313	-.00123	.00056	.08374	-.00540	.00006
#2	.00617	.00964	.01231	-.00235	.00226	.06510	-.00579	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.06401	-.00137	.00044	.00148	.01978	.00071	.01767
Stddev	.00013	.00299	.00099	.00029	.00014	.00204	.00012	.00102
%RSD	36.110	4.6676	72.775	65.501	9.3483	10.330	16.769	5.7837
#1	.00028	.06612	-.00066	.00064	.00158	.01834	.00079	.01839
#2	.00046	.06189	-.00207	.00023	.00138	.02123	.00062	.01695

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00003	.06633	.00008	.01410	.05836	.00013	-.00017
Stddev	.00086	.00059	.00005	.00057	.00013	.00024	.00008	.00044
%RSD	61.397	1721.8	.08264	695.27	.95460	.40550	63.012	257.16
#1	.00079	-.00045	.06637	-.00032	.01419	.05853	.00007	.00014
#2	.00201	.00038	.06629	.00049	.01400	.05820	.00019	-.00048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.00341	.01329	-.00186	.00002	z*****
Stddev	.00225	.02994	.00066	.00012	-----
%RSD	66.025	225.27	35.360	656.03	-----
#1	.00182	-.00788	-.00140	.00010	z 2308.3
#2	.00501	.03446	-.00233	-.00007	z 2311.5

Sample Name: ZZZZZZ Acquired: 8/11/2009 08:38:08 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	168.82	278.01	5596.3	9866.3	645.14
Stddev	2.01	1.76	12.1	36.3	.81
%RSD	1.1877	.63418	.21643	.36755	.12568
#1	170.24	279.25	5587.7	9840.6	644.56
#2	167.41	276.76	5604.8	9891.9	645.71

Sample Name: A3865-01 Acquired: 8/11/2009 08:44:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	.01190	.01290	-.00216	.00236	.06794	-.00485	.00016
Stddev	.00033	.00006	.00020	.00163	.00120	.00466	.00017	.00015
%RSD	8.0500	.49395	1.5577	75.425	50.890	6.8531	3.5751	98.513
#1	.00385	.01185	.01304	-.00331	.00151	.06465	-.00497	.00026
#2	.00432	.01194	.01276	-.00101	.00321	.07124	-.00473	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.06270	-.00150	.00056	.00207	.02416	.00057	.01007
Stddev	.00022	.00155	.00026	.00014	.00022	.00075	.00033	.00651
%RSD	64.247	2.4754	17.506	24.557	10.458	3.0968	57.762	64.684
#1	.00018	.06160	-.00169	.00066	.00222	.02469	.00080	.01467
#2	.00049	.06380	-.00131	.00046	.00192	.02363	.00034	.00546

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00037	.06225	-.00024	.01361	.06590	-.00008	.00039
Stddev	.00126	.00006	.00121	.00123	.00001	.00705	.00027	.00123
%RSD	95.000	15.629	1.9373	514.23	.04397	10.695	314.27	312.28
#1	.00222	.00041	.06139	-.00111	.01362	.06091	-.00027	-.00047
#2	.00044	.00033	.06310	.00063	.01361	.07088	.00010	.00126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	.00002	.00572	-.00338	-.00023	z*****
Stddev	.00104	.00779	.00203	.00027	-----
%RSD	5022.7	136.21	59.936	115.25	-----
#1	.00075	.01123	-.00482	-.00042	z 2319.2
#2	-.00071	.00021	-.00195	-.00004	z 2313.4

Sample Name: A3865-01 Acquired: 8/11/2009 08:44:50 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	164.47	275.51	5539.7	9730.6	644.06
Stddev	2.57	2.65	13.5	7.3	2.08
%RSD	1.5636	.96073	.24296	.07496	.32315
#1	162.65	277.38	5530.2	9735.8	645.53
#2	166.28	273.64	5549.2	9725.5	642.58

Sample Name: CCV Acquired: 8/11/2009 08:51:31 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9063	4.6796	4.7543	4.9166	4.8372	9.7631	9.8035	.25575	2.4079
Stddev	.0053	.0368	.0122	.0036	.0073	.0557	.0644	.00068	.0103
%RSD	.10858	.78693	.25574	.07306	.15067	.57051	.65720	.26475	.42704
#1	4.9101	4.6536	4.7457	4.9141	4.8424	9.8025	9.8491	.25623	2.4006
#2	4.9025	4.7057	4.7629	4.9191	4.8321	9.7237	9.7580	.25527	2.4152

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.712	.98658	2.4268	1.2035	4.7366	2.3741	23.868	2.4412	1.2105
Stddev	.026	.00213	.0144	.0034	.0110	.0003	.046	.0092	.0037
%RSD	.10547	.21580	.59464	.27921	.23290	.01380	.19420	.37646	.30651
#1	24.694	.98809	2.4166	1.2059	4.7288	2.3739	23.835	2.4347	1.2132
#2	24.730	.98508	2.4370	1.2011	4.7444	2.3743	23.901	2.4477	1.2079

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.948	2.4510	2.4043	24.084	4.7336	4.7457	5.1893	4.6662	4.8698
Stddev	.092	.0045	.0287	.076	.0057	.0058	.0333	.0018	.0280
%RSD	.36712	.18194	1.1947	.31553	.11989	.12186	.64139	.03953	.57444
#1	24.883	2.4478	2.3840	24.031	4.7377	4.7416	5.1658	4.6675	4.8500
#2	25.013	2.4541	2.4246	24.138	4.7296	4.7497	5.2128	4.6649	4.8896

Elem	Ti3361	Li6707
Units	ppm	Cts/S
Avg	4.7043	zF*****
Stddev	.0096	-----
%RSD	.20351	-----
#1	4.6975	z 87629.
#2	4.7110	z 88411.

Sample Name: CCV Acquired: 8/11/2009 08:51:31 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	158.76	263.36	5427.5	9322.8	667.82
Stddev	1.49	.41	26.5	15.6	2.88
%RSD	.93959	.15497	.48800	.16783	.43196
#1	159.82	263.07	5408.8	9311.7	669.86
#2	157.71	263.65	5446.3	9333.8	665.78

Sample Name: CCB Acquired: 8/11/2009 08:58:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00552	-.02185	-.00151	.00247	.00196	.05163	-.00608	-.00016
Stddev	.00105	.00144	.00378	.00059	.00046	.01060	.00056	.00006
%RSD	18.950	6.6061	249.88	23.895	23.572	20.526	9.2806	39.196
#1	-.00478	-.02287	-.00419	.00205	.00164	.04414	-.00568	-.00021
#2	-.00626	-.02083	.00116	.00289	.00229	.05913	-.00648	-.00012

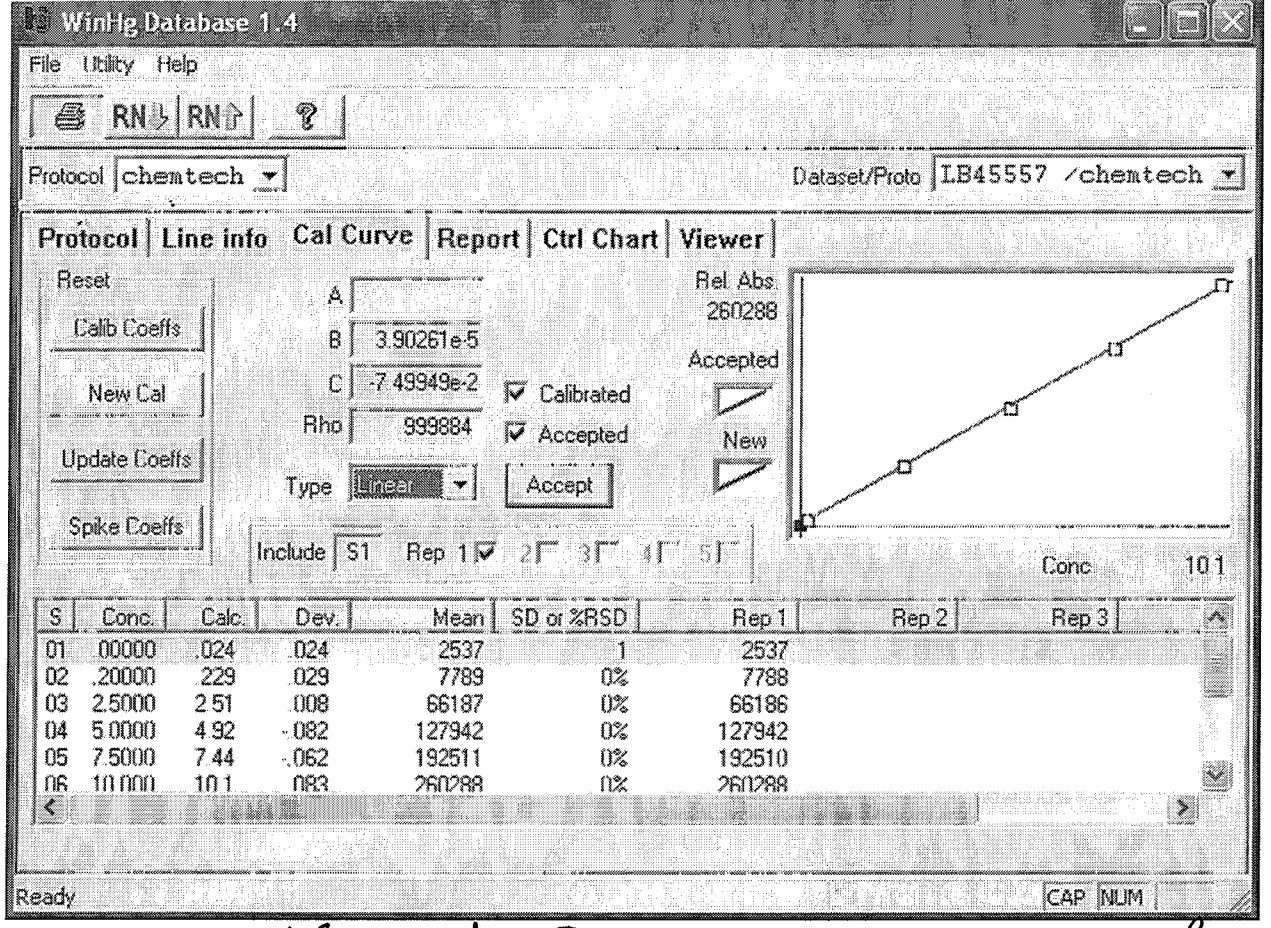
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00029	-.00108	.00029	-.00056	.00038	.00004	.01003
Stddev	.00001	.00121	.00020	.00007	.00062	.00012	.00002	.00559
%RSD	3.0309	420.65	18.098	23.738	109.86	30.807	38.560	55.746
#1	-.00022	.00114	-.00122	.00034	-.00013	.00030	.00003	.00607
#2	-.00021	-.00057	-.00094	.00024	-.00100	.00047	.00005	.01398

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00022	.03225	-.00036	-.00078	.01949	.00321	.00386
Stddev	.00281	.00052	.00536	.00017	.00018	.00480	.00008	.00147
%RSD	120.80	237.52	16.620	45.959	23.108	24.622	2.5351	38.137
#1	-.00431	.00015	.03604	-.00025	-.00066	.01610	.00327	.00491
#2	-.00034	-.00059	.02846	-.00048	-.00091	.02288	.00316	.00282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	Cts/S
Avg	-.00951	-.02413	-.00197	.00025	z*****
Stddev	.00031	.00239	.00101	.00004	-----
%RSD	3.2617	9.9099	51.325	16.756	-----
#1	-.00929	-.02244	-.00125	.00028	z 2361.0
#2	-.00973	-.02582	-.00268	.00022	z 2316.9

Sample Name: CCB Acquired: 8/11/2009 08:58:02 Type: Unk
Method: P4 (v34) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	160.25	264.86	5509.9	9569.3	636.33
Stddev	.02	.31	10.6	47.0	.91
%RSD	.01300	.11836	.19198	.49152	.14298
#1	160.24	265.08	5502.4	9536.1	635.68
#2	160.27	264.64	5517.3	9602.6	636.97



Instrument ID: CV2 LB 45557 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1	S0			Seq: 1		10:26:02 06 Aug 09			HG
Hg	.000	ppb	2537						
*** Standard: 2 Rep: 1	S0.2			Seq: 2		10:27:57 06 Aug 09			HG
Hg	.200	ppb	7788						
*** Standard: 3 Rep: 1	S2.5			Seq: 3		10:29:52 06 Aug 09			HG
Hg	2.50	ppb	66186						
*** Standard: 4 Rep: 1	S5.0			Seq: 4		10:31:51 06 Aug 09			HG
Hg	5.00	ppb	127942						
*** Standard: 5 Rep: 1	S7.5			Seq: 5		10:34:00 06 Aug 09			HG
Hg	7.50	ppb	192510						
*** Standard: 6 Rep: 1	S10.0			Seq: 6		10:35:55 06 Aug 09			HG
Hg	10.0	ppb	260288						

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICV				Seq: 7		10:50:07 06 Aug 09		HG
				ICV				
Hg	4.32	ppb	.000	4.32				
*** Sample ID: ICB				Seq: 8		10:52:03 06 Aug 09		HG
				ICB				
Hg	.041	ppb	.000	.041				
*** Check Standard: 2 Ck2				Seq: 9		10:53:56 06 Aug 09		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.	5.04	5.00	ppb	.000		
*** Check Standard: 1 Ck1				Seq: 10		10:56:00 06 Aug 09		HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		.058	.200	ppb		.000		
*** Sample ID: CRA				Seq: 11		10:57:55 06 Aug 09		HG
				CRA				
Hg	.256	ppb	.000	.256				
*** Sample ID: HIGH STD				Seq: 12		11:00:01 06 Aug 09		HG
				HIGH STD				
Hg	10.3	ppb	.000	10.3				
*** Sample ID: CHK STD				Seq: 13		11:02:06 06 Aug 09		HG
				CHK STD				
Hg	7.22	ppb	.000	7.22				
*** Sample ID: PB43865BL				Seq: 14		11:03:59 06 Aug 09		HG
				PBS				
Hg	.040	ppb	.000	.040				
*** Sample ID: PB43865BS				Seq: 15		11:06:17 06 Aug 09		HG
				LCSS				
Hg	4.38	ppb	.000	4.38				
*** Sample ID: A3806-01				Seq: 16		11:08:16 06 Aug 09		HG
				FK-BPM-BUCK-F1				
Hg	.443	ppb	.000	.443				
*** Sample ID: A3807-01				Seq: 17		11:10:10 06 Aug 09		HG
				FK-BPM-BUCK-D1				
Hg	.486	ppb	.000	.486				
*** Sample ID: A3808-01				Seq: 18		11:12:05 06 Aug 09		HG
				C1-S-1(1-3)				
Hg	13.9	ppb	.000	13.9				

08/06/09 A-P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2 Seq: 19 11:13:59 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.10	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 20 11:16:14 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.056	.200	ppb	.000

*** Sample ID: A3808-02 Seq: 21 11:18:09 06 Aug 09 HG

C1-S-2(5-7)

Hg	22.8	ppb	.000	22.8

*** Sample ID: A3808-03 Seq: 22 11:20:05 06 Aug 09 HG

C1-S-3(10-12)

Hg	1.63	ppb	.000	1.63

*** Sample ID: A3808-04 Seq: 23 11:21:58 06 Aug 09 HG

C1-S-4(15-17)

Hg	.540	ppb	.000	.540

*** Sample ID: A3808-05 Seq: 24 11:23:51 06 Aug 09 HG

C1-S-5(20-22)

Hg	.836	ppb	.000	.836

*** Sample ID: A3808-06 Seq: 25 11:26:27 06 Aug 09 HG

C1-S-6(25-27)

Hg	1.16	ppb	.000	1.16

*** Sample ID: A3808-07 Seq: 26 11:28:20 06 Aug 09 HG

C1-S-7(30-32)

Hg	.123	ppb	.000	.123

*** Sample ID: A3808-08 Seq: 27 11:30:14 06 Aug 09 HG

C1-S-8(35-37)

Hg	.092	ppb	.000	.092

*** Sample ID: A3808-09 Seq: 28 11:32:18 06 Aug 09 HG

C1-S-9(40-42)

Hg	.093	ppb	.000	.093

*** Check Standard: 2 Ck2 Seq: 29 11:34:14 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.12	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 30 11:36:17 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.045	.200	ppb	.000

08106/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: A3808-09D					Seq: 31		11:38:22 06 Aug 09		HG
				C1-S-9(40-42)					
Hg	.047	ppb	.000	.047					
*** Sample ID: A3808-09L					Seq: 32		11:40:19 06 Aug 09		HG
				C1-S-9(40-42)					
Hg	-.093	ppb	.000	-.093					
*** Sample ID: A3808-09S					Seq: 33		11:42:13 06 Aug 09		HG
				C1-S-9(40-42)					
Hg	4.35	ppb	.000	4.35					
*** Sample ID: A3808-09SD					Seq: 34		11:44:08 06 Aug 09		HG
				C1-S-9(40-42)					
Hg	4.33	ppb	.000	4.33					
*** Sample ID: A3808-09A					Seq: 35		11:46:02 06 Aug 09		HG
				C1-S-9(40-42)					
Hg	4.37	ppb	.000	4.37					
*** Sample ID: A3808-10					Seq: 36		11:47:56 06 Aug 09		HG
				C1-S-10(45-47)					
Hg	.123	ppb	.000	.123					
*** Sample ID: A3808-11					Seq: 37		11:50:30 06 Aug 09		HG
				C1-S-11(50-52)					
Hg	.148	ppb	.000	.148					
*** Sample ID: A3808-12					Seq: 38		11:52:34 06 Aug 09		HG
				C1-S-12(55-57)					
Hg	.104	ppb	.000	.104					

*** Check Standard: 2 Ck2 Seq: 39 11:54:28 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.09	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 40 11:56:24 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.041	.200	ppb	.000

*** Sample ID: A3808-13					Seq: 41		11:58:28 06 Aug 09		HG
				C2-S-1(1-3)					
Hg	8.48	ppb	.000	8.48					
*** Sample ID: A3808-14					Seq: 42		12:00:53 06 Aug 09		HG
				C2-S-2(5-7)					
Hg	6.02	ppb	.000	6.02					

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3808-15 Seq: 43 12:02:48 06 Aug 09 HG
C2-S-3(10-12)
Hg 2.63 ppb .000 2.63

*** Sample ID: A3808-16 Seq: 44 12:04:43 06 Aug 09 HG
C2-S-4(15-17)
Hg .464 ppb .000 .464

*** Sample ID: A3808-17 Seq: 45 12:06:50 06 Aug 09 HG
C2-S-5(20-22)
Hg .051 ppb .000 .051

*** Sample ID: A3808-18 Seq: 46 12:09:15 06 Aug 09 HG
C2-S-6(25-27)
Hg .556 ppb .000 .556

*** Sample ID: PB43866BL Seq: 47 12:11:11 06 Aug 09 HG
PBS
Hg .073 ppb .000 .073

*** Sample ID: PB43866BS Seq: 48 12:13:25 06 Aug 09 HG
LCSS
Hg 4.24 ppb .000 4.24

*** Check Standard: 2 Ck2 Seq: 49 12:15:22 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 50 12:17:18 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.008	.200	ppb	.000

*** Sample ID: A3808-19 Seq: 51 12:19:12 06 Aug 09 HG
C2-S-7(30-32)
Hg .002 ppb .000 .002

*** Sample ID: A3808-20 Seq: 52 12:21:27 06 Aug 09 HG
C2-S-8((35-37)
Hg .014 ppb .000 .014

*** Sample ID: A3808-20D Seq: 53 12:23:26 06 Aug 09 HG
C2-S-8((35-37)
Hg .015 ppb .000 .015

*** Sample ID: A3808-20L Seq: 54 12:25:24 06 Aug 09 HG
C2-S-8((35-37)
Hg -.170 ppb .000 -.170

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3808-20S Seq: 55 12:27:31 06 Aug 09 HG
C2-S-8((35-37)
Hg 4.39 ppb .000 4.39

*** Sample ID: A3808-20SD Seq: 56 12:29:28 06 Aug 09 HG
C2-S-8((35-37)
Hg 4.46 ppb .000 4.46

*** Sample ID: A3808-20A Seq: 57 12:31:37 06 Aug 09 HG
C2-S-8((35-37)
Hg 4.24 ppb .000 4.24

*** Sample ID: A3808-21 Seq: 58 12:33:45 06 Aug 09 HG
C2-S-9(40-42)
Hg .074 ppb .000 .074

*** Check Standard: 2 Ck2 Seq: 59 12:35:51 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 60 12:37:44 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.078	.200	ppb	.000

*** Sample ID: A3808-22 Seq: 61 12:39:49 06 Aug 09 HG
C2-S-10(45-47)
Hg .106 ppb .000 .106

*** Sample ID: A3808-23 Seq: 62 12:41:48 06 Aug 09 HG
C2-S-11(50-52)
Hg .204 ppb .000 .204

*** Sample ID: A3808-24 Seq: 63 12:43:45 06 Aug 09 HG
C3-S-1(0-2)
Hg 2.01 ppb .000 2.01

*** Sample ID: A3808-25 Seq: 64 12:46:44 06 Aug 09 HG
C3-S-2(5-7)
Hg 1.70 ppb .000 1.70

*** Sample ID: A3808-26 Seq: 65 12:48:41 06 Aug 09 HG
C3-S-3(10-12)
Hg 7.73 ppb .000 7.73

*** Sample ID: A3808-27 Seq: 66 12:50:55 06 Aug 09 HG
C3-S-4(15-17)
Hg .098 ppb .000 .098

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3808-28 Seq: 67 12:52:51 06 Aug 09 HG
C3-S-5(20-22)
Hg .167 ppb .000 .167

*** Sample ID: A3808-29 Seq: 68 12:54:46 06 Aug 09 HG
C3-S-6(25-27)
Hg .561 ppb .000 .561

*** Check Standard: 2 Ck2 Seq: 69 12:56:59 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.5	4.93	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 70 12:59:05 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.110	.200	ppb	.000

*** Sample ID: A3808-30 Seq: 71 13:01:16 06 Aug 09 HG
C3-S-7(30-32)
Hg .152 ppb .000 .152

*** Sample ID: A3808-31 Seq: 72 13:03:12 06 Aug 09 HG
C3-S-8(35-37)
Hg .112 ppb .000 .112

*** Sample ID: A3808-32 Seq: 73 13:05:29 06 Aug 09 HG
C3-S-9(40-42)
Hg .100 ppb .000 .100

*** Sample ID: A3808-33 Seq: 74 13:07:24 06 Aug 09 HG
C3-S-10(45-47)
Hg .141 ppb .000 .141

*** Sample ID: A3808-34 Seq: 75 13:09:20 06 Aug 09 HG
C3-S-11(50-52)
Hg .126 ppb .000 .126

*** Sample ID: PB43877BL Seq: 76 13:11:39 06 Aug 09 HG
PBS
Hg .074 ppb .000 .074

222222 A.P. 08/06/09

*** Sample ID: ~~PB43877BS~~ 222222 ~~ICSS~~ Seq: 77 13:13:46 06 Aug 09 HG
Hg 5.28 ppb .000 5.28

*** Sample ID: A3816-01 Seq: 78 13:15:42 06 Aug 09 HG
SBM-7
Hg 1.30 ppb .000 1.30

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2 Seq: 79 13:17:50 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.02	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 80 13:19:45 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.083	.200	ppb	.000

*** Sample ID: A3816-01D Seq: 81 13:21:43 06 Aug 09 HG
SBM-7

Hg	1.21	ppb	.000	1.21

*** Sample ID: A3816-01L Seq: 82 13:23:37 06 Aug 09 HG
SBM-7

Hg	.197	ppb	.000	.197

*** Sample ID: A3816-02S Seq: 83 13:25:32 06 Aug 09 HG
A3816-01MS

Hg	5.53	ppb	.000	5.53

*** Sample ID: A3816-03SD Seq: 84 13:27:41 06 Aug 09 HG
A3816-01MSD

Hg	5.68	ppb	.000	5.68

*** Sample ID: ~~A3816-01A~~ 222222 A.P. 08/06/09 Seq: 85 13:29:36 06 Aug 09 HG
~~SBM-7~~ 222222

Hg	6.93	ppb	.000	6.93

*** Sample ID: A3816-04 Seq: 86 13:31:47 06 Aug 09 HG
SBM-1

Hg	1.04	ppb	.000	1.04

*** Sample ID: A3816-05 Seq: 87 13:33:42 06 Aug 09 HG
SBM-8

Hg	1.14	ppb	.000	1.14

*** Sample ID: A3816-06 Seq: 88 13:35:40 06 Aug 09 HG
FDSS080309

Hg	1.07	ppb	.000	1.07

*** Check Standard: 2 Ck2 Seq: 89 13:37:35 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.14	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 90 13:39:31 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.088	.200	ppb	.000

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3816-07 Seq: 91 13:41:45 06 Aug 09 HG
SBM-2
Hg 1.20 ppb .000 1.20

*** Sample ID: A3816-08 Seq: 92 13:43:43 06 Aug 09 HG
SBM-11
Hg 1.26 ppb .000 1.26

*** Sample ID: A3816-09 Seq: 93 13:45:40 06 Aug 09 HG
SBM-12
Hg 1.75 ppb .000 1.75

*** Sample ID: A3816-10 Seq: 94 13:47:35 06 Aug 09 HG
SBM-4
Hg 1.40 ppb .000 1.40

*** Sample ID: A3816-11 Seq: 95 13:49:31 06 Aug 09 HG
SBM-3
Hg .940 ppb .000 .940

*** Sample ID: A3816-12 Seq: 96 13:51:28 06 Aug 09 HG
SBM-5
Hg 1.06 ppb .000 1.06

*** Sample ID: A3816-13 Seq: 97 13:53:23 06 Aug 09 HG
SBM-9
Hg 3.40 ppb .000 3.40

*** Sample ID: A3816-15 Seq: 98 13:55:29 06 Aug 09 HG
SBM-10
Hg 2.34 ppb .000 2.34

*** Check Standard: 2 Ck2 Seq: 99 13:57:30 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.06	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 100 13:59:24 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.088	.200	ppb	.000

*** Sample ID: A3816-16 Seq: 101 14:01:43 06 Aug 09 HG
SBM-6
Hg 2.38 ppb .000 2.38

*** Sample ID: A3816-17 Seq: 102 14:05:13 06 Aug 09 HG
SBM-6-S-2
Hg 1.52 ppb .000 1.52

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: A3816-18				Seq: 103	14:07:08 06 Aug 09	HG		
				SBM-3-S-1				
Hg	.638	ppb	.000	.638				
*** Sample ID: A3816-19				Seq: 104	14:09:05 06 Aug 09	HG		
				SBM-4-S-1				
Hg	.552	ppb	.000	.552				
*** Sample ID: A3816-20				Seq: 105	14:11:30 06 Aug 09	HG		
				SBM-2-S-3				
Hg	.771	ppb	.000	.771				
*** Sample ID: A3816-21				Seq: 106	14:13:25 06 Aug 09	HG		
				SBM-9-S-1				
Hg	.610	ppb	.000	.610				
*** Sample ID: A3816-22				Seq: 107	14:15:44 06 Aug 09	HG		
				SBM-1-S-2				
Hg	.862	ppb	.000	.862				
*** Sample ID: PB43873BL				Seq: 108	14:17:39 06 Aug 09	HG		
				PBS				
Hg	.038	ppb	.000	.038				

*** Check Standard: 2 Ck2				Seq: 109	14:19:33 06 Aug 09	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.22	5.00	ppb	.000

*** Check Standard: 1 Ck1				Seq: 110	14:21:37 06 Aug 09	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		.099	.200	ppb	.000	

*** Sample ID: PB43873BS				Seq: 111	14:23:48 06 Aug 09	HG
				LCSS		
Hg	4.41	ppb	.000	4.41		
*** Sample ID: A3813-01				Seq: 112	14:25:43 06 Aug 09	HG
				TP-1		
Hg	1.49	ppb	.000	1.49		
*** Sample ID: A3813-02				Seq: 113	14:27:39 06 Aug 09	HG
				TP-2		
Hg	.529	ppb	.000	.529		
*** Sample ID: A3813-03				Seq: 114	14:29:49 06 Aug 09	HG
				TP-3		
Hg	4.60	ppb	.000	4.60		

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3813-04 Seq: 115 14:31:45 06 Aug 09 HG

TP-X

Hg	.626	ppb	.000	.626				

*** Sample ID: A3813-05 Seq: 116 14:33:53 06 Aug 09 HG

TP-4

Hg	12.4	ppb	.000	12.4				

*** Sample ID: A3813-06 Seq: 117 14:35:48 06 Aug 09 HG

TP-5

Hg	.568	ppb	.000	.568				

*** Sample ID: A3813-06D Seq: 118 14:37:47 06 Aug 09 HG

TP-5

Hg	.631	ppb	.000	.631				

*** Check Standard: 2 Ck2 Seq: 119 14:39:43 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.19	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 120 14:41:39 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.004	.200	ppb	.000

*** Sample ID: A3813-06L Seq: 121 14:43:42 06 Aug 09 HG

TP-5

Hg	.106	ppb	.000	.106				

*** Sample ID: A3813-07S Seq: 122 14:45:38 06 Aug 09 HG

A3813-06MS

Hg	5.08	ppb	.000	5.08				

*** Sample ID: A3813-08SD Seq: 123 14:47:33 06 Aug 09 HG

A3813-06MSD

Hg	5.31	ppb	.000	5.31				

*** Sample ID: A3813-06A Seq: 124 14:49:31 06 Aug 09 HG

TP-5

Hg	5.96	ppb	.000	5.96				

08/05/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: A3813-09				Seq: 125	14:51:31 06 Aug 09	HG		
				TP-6				
Hg	.877	ppb	.000	.877				

=

*** Sample ID: A3808-01				Seq: 126	14:53:26 06 Aug 09	HG		
				C1-S-1(1-3) X10				
Hg	1.39	ppb	.000	1.39				

=

08/06/09 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: A3808-02 Seq: 127 14:55:22 06 Aug 09 HG

C1-S-2(5-7) X10

Hg	2.27	ppb	.000	2.27

*** Sample ID: PB43877BS Seq: 128 14:57:19 06 Aug 09 HG

LCSS

Hg	4.20	ppb	.000	4.20

*** Check Standard: 2 Ck2 Seq: 129 14:59:28 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.06	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 130 15:01:41 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.007	.200	ppb	.000

*** Sample ID: ~~A3813-05~~ 222,220 A.P. 08/06/09 Seq: 131 15:03:35 06 Aug 09 HG

~~TP-4 X2~~ 2,222,22

Hg	10.2	ppb	.000	10.2

*** Sample ID: A3813-05 Seq: 132 15:06:00 06 Aug 09 HG

TP-4 X5

Hg	3.27	ppb	.000	3.27

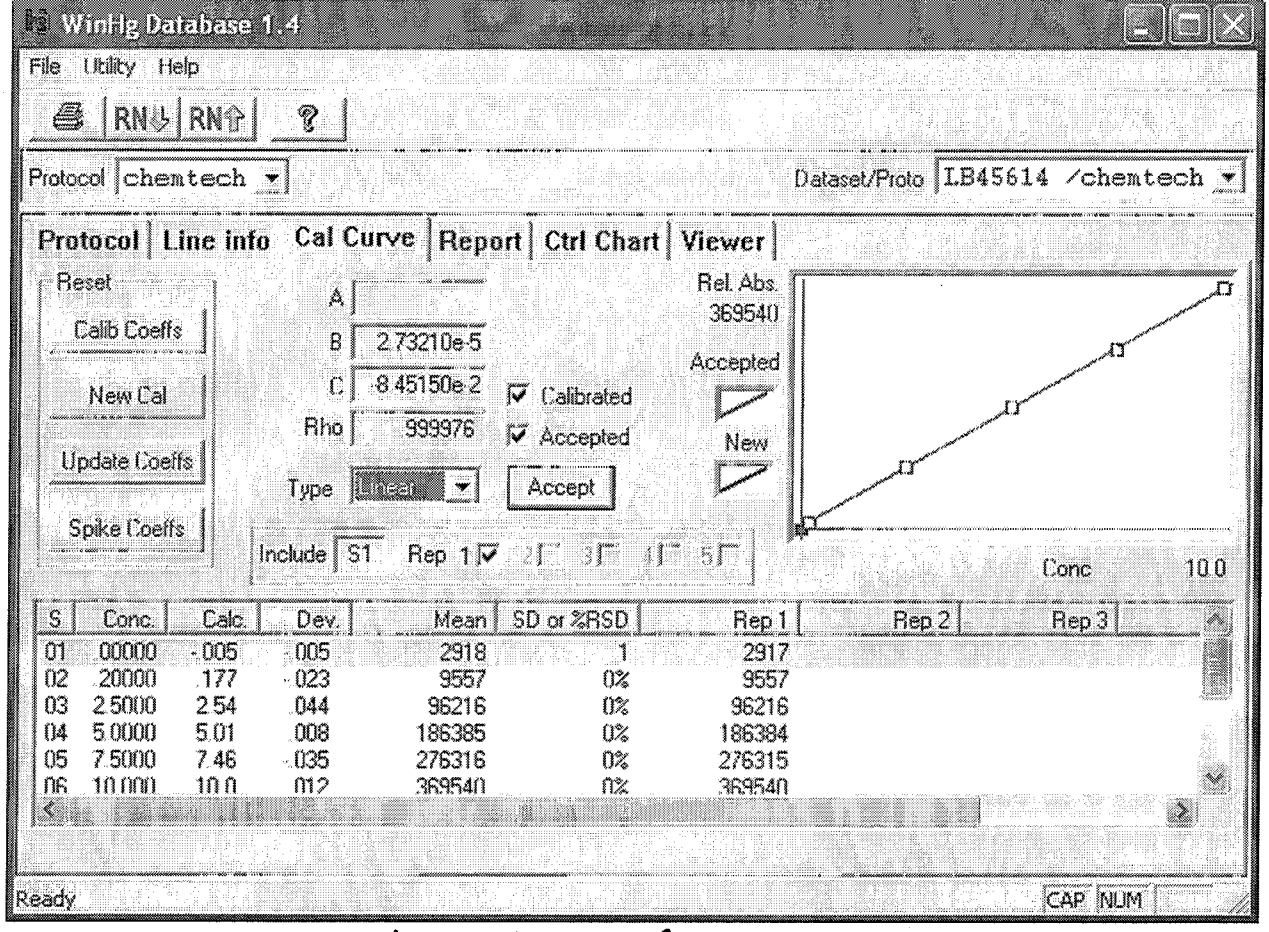
*** Check Standard: 2 Ck2 Seq: 133 15:07:54 06 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.15	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 134 15:09:58 06 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.098	.200	ppb	.000

08/06/09 A.P.



Instrument ID: CV2 LB45614 K.R.

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1 S 0				Seq: 1		15:18:04 11 Aug 09			HG
Hg	.000	ppb	2917						
*** Standard: 2 Rep: 1 S 0.2				Seq: 2		15:20:00 11 Aug 09			HG
Hg	.200	ppb	9557						
*** Standard: 3 Rep: 1 S 2.5				Seq: 3		15:22:09 11 Aug 09			HG
Hg	2.50	ppb	96216						
*** Standard: 4 Rep: 1 S 5.0				Seq: 4		15:24:14 11 Aug 09			HG
Hg	5.00	ppb	186384						
*** Standard: 5 Rep: 1 S 7.5				Seq: 5		15:26:09 11 Aug 09			HG
Hg	7.50	ppb	276315						
*** Standard: 6 Rep: 1 S 10.0				Seq: 6		15:28:05 11 Aug 09			HG
Hg	10.0	ppb	369540						

K.R. 8/11/09

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICV				Seq: 7	15:31:09 11 Aug 09	HG		
				ICV				
Hg	4.20	ppb	.000	4.20				
*** Sample ID: ICB				Seq: 8	15:33:22 11 Aug 09	HG		
				ICB				
Hg	-.002	ppb	.000	-.002				
*** Check Standard: 2 Ck2				Seq: 9	15:35:19 11 Aug 09	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.	5.01	5.00	ppb	.000		
*** Check Standard: 1 Ck1				Seq: 10	15:37:17 11 Aug 09	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.029	.200	ppb	.000			
*** Sample ID: CRA				Seq: 11	15:39:14 11 Aug 09	HG		
				CRA				
Hg	.176	ppb	.000	.176				
*** Sample ID: HIGH STD				Seq: 12	15:41:10 11 Aug 09	HG		
				HIGH STD				
Hg	9.97	ppb	.000	9.97				
*** Sample ID: CHK STD				Seq: 13	15:43:05 11 Aug 09	HG		
				CHK STD				
Hg	7.02	ppb	.000	7.02				
*** Sample ID: PB43967BL				Seq: 14	15:45:03 11 Aug 09	HG		
				PBW				
Hg	-.012	ppb	.000	-.012				
*** Sample ID: PB43967BS				Seq: 15	15:47:22 11 Aug 09	HG		
				LCSW				
Hg	4.18	ppb	.000	4.18				
*** Sample ID: A3779-10				Seq: 16	15:49:22 11 Aug 09	HG		
				FIELDBLANK				
Hg	-.007	ppb	.000	-.007				
*** Sample ID: A3816-14				Seq: 17	15:51:19 11 Aug 09	HG		
				EB080309				
Hg	.036	ppb	.000	.036				
*** Sample ID: A3821-04				Seq: 18	15:53:14 11 Aug 09	HG		
				001-OUTFALL				
Hg	.002	ppb	.000	.002				

K.R. 8/11/09

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2 Seq: 19 15:56:12 11 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.00	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 20 15:58:08 11 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.028	.200	ppb	.000

*** Sample ID: A3841-01 Seq: 21 16:00:06 11 Aug 09 HG
MW-1A

Hg	.024	ppb	.000	.024

*** Sample ID: A3841-02 Seq: 22 16:02:00 11 Aug 09 HG
MW-2A

Hg	.018	ppb	.000	.018

*** Sample ID: A3841-03 Seq: 23 16:04:06 11 Aug 09 HG
MW-3

Hg	.048	ppb	.000	.048

*** Sample ID: A3841-04 Seq: 24 16:05:59 11 Aug 09 HG
MW-4

Hg	.208	ppb	.000	.208

*** Sample ID: A3841-05 Seq: 25 16:07:53 11 Aug 09 HG
MW-5A

Hg	.025	ppb	.000	.025

*** Sample ID: A3841-06 Seq: 26 16:09:48 11 Aug 09 HG
MW-6

Hg	.024	ppb	.000	.024

*** Sample ID: A3841-07 Seq: 27 16:11:42 11 Aug 09 HG
MW-7

Hg	.051	ppb	.000	.051

*** Sample ID: A3841-07D Seq: 28 16:13:47 11 Aug 09 HG
MW-7

Hg	.048	ppb	.000	.048

*** Check Standard: 2 Ck2 Seq: 29 16:15:41 11 Aug 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.01	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 30 16:17:54 11 Aug 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.009	.200	ppb	.000

K.R. 8/11/09

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: A3841-07L				Seq: 31	16:19:51 11 Aug 09	HG		
				MW-7				
Hg	-.044	ppb	.000	-.044				
*** Sample ID: A3841-07S				Seq: 32	16:21:55 11 Aug 09	HG		
				MW-7				
Hg	3.77	ppb	.000	3.77				
*** Sample ID: A3841-07SD				Seq: 33	16:24:12 11 Aug 09	HG		
				MW-7				
Hg	3.68	ppb	.000	3.68				
*** Sample ID: A3841-07A				Seq: 34	16:26:12 11 Aug 09	HG		
				MW-7				
Hg	4.38	ppb	.000	4.38				
*** Sample ID: A3841-08				Seq: 35	16:28:08 11 Aug 09	HG		
				MW-8				
Hg	.007	ppb	.000	.007				
*** Sample ID: A3841-09				Seq: 36	16:30:36 11 Aug 09	HG		
				MW-8(D)				
Hg	.013	ppb	.000	.013				
*** Sample ID: A3841-10				Seq: 37	16:32:33 11 Aug 09	HG		
				FIELDBLANK				
Hg	.006	ppb	.000	.006				

*** Check Standard: 2 Ck2				Seq: 38	16:34:29 11 Aug 09	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.4	4.92	5.00	ppb	.000

*** Check Standard: 1 Ck1				Seq: 39	16:36:32 11 Aug 09	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.034	.200	ppb	.000	

K.R. 8/11/09

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LAB CHRONICLE

OrderID:	A3816	**OrderDate:**	8/5/2009 12:32:48 PM
Client:	C.T. Male & Associates	**Project:**	Old Troy Municipal Incine
Contact:	Kirk Moline	**Location:**	H52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
A3816-01	**SBM-7**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-04	**SBM-1**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-05	**SBM-8**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-06	**FDSS080309**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-07	**SBM-2**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-08	**SBM-11**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-09	**SBM-12**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-10	**SBM-4**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-11	**SBM-3**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	

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LAB CHRONICLE

			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-12	**SBM-5**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-13	**SBM-9**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-14	**EB080309**	**WATER**			**08/03/09**			**08/05/09**
			Mercury	7470		08/11/09	08/11/09	
			Metals ICP-TAL	6010		08/07/09	08/10/09	
A3816-15	**SBM-10**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-16	**SBM-6**	**SOIL**			**08/03/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-17	**SBM-6-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-18	**SBM-3-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-19	**SBM-4-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-20	**SBM-2-S-3**	**SOIL**			**08/04/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-21	**SBM-9-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			Mercury	7471		08/05/09	08/06/09	
			Metals ICP-TAL	6010		08/06/09	08/06/09	
A3816-22	**SBM-1-S-2**	**SOIL**			**08/04/09**			**08/05/09**

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LAB CHRONICLE

Mercury	7471	08/05/09	08/06/09
Metals ICP-TAL	6010	08/06/09	08/06/09

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NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: A3816 MATRIX: Water/SOIL

METHOD: 7470/7471/6010

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.		✓	
	The Serial Dilution met the acceptable requirements except for Iron.			
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Matrix Spike analysis met criteria for all samples except for Selenium and Zinc. The Matrix Spike Duplicate analysis met criteria for all samples.			
7.	Sample Duplicate Analysis Met QC Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
8.	Digestion Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

_____

QA REVIEW

3050

CHEMTECH

Soil/Sludge Preparation Sheet

PrepBatch ID : **PB43883**

Batch# PB43883

SDG No : _____

ICP Digest Date: 08/06/09

Matrix : Solid

Sample Received By : D. Hu

Final Volume : 100 ML

Acceptance Range: +/- 1%

① Wt. 1g = 1.00g ② Wt. 10g = 10.00g.

Balance Calibration Check(1.00): _____ G

Dig Technician Signature:

Method : M3050B - Digestion - II

Supervisor Signature: D. H

Hot Plate Temp : ① 95°C 2. 3.

Prep Code: ~~CRI~~

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 2	1.0 ML	MM1746
Spike Sol. 2 A	1.0 ML	MM1747
	08/06/09	

Chemical Used	Lot Number
1:1 HNO3	MI16 2J-9
CONC: HNO3	MR2024
30% H2O2	MR2005
CONC: HCL	MR1999
	08/06/09

08/06/09

Date / Time 11:15	Received By	Relinquished By	Location
08/06/09 11:15	D. Hu		Lep. Lab
	Analysis Group	Digestion Group	
	DR, JS	AP, KR, NP	

CHEMTECH Soil/Sludge Sample Preparation Worksheet PrepBatch ID : **PB43883**

Lab Sample ID	Client Sample ID	Weight	Color Before	Color After	Texture	Artifact	Comments
A3816-01	SBM-7	1.00	BR	Y	M		08/06/09
A3816-01DUP	SBM-7DUP	1.00	BR	Y	M		
A3816-02	A3816-01MS	1.00	BR	Y	M		S/K-S01.2, S/K-S01.2A
A3816-03	A3816-01MSD	1.00	BR	Y	M		S/K-S01.2, S/K-S01.2A
A3816-04	SBM-1	1.09	BR	Y	M		
A3816-05	SBM-8	1.02	BR	Y	M		
A3816-06	FDSS080309	1.04	BR	Y	M		
A3816-07	SBM-2	1.02	BR	Y	M		
A3816-08	SBM-11	1.09	BR	Y	M		
A3816-09	SBM-12	1.42	BR	Y	M		
A3816-10	SBM-4	1.11	BR	Y	M		
A3816-11	SBM-3	1.35	BR	Y	M		
A3816-12	SBM-5	1.23	BR	Y	M		
A3816-13	SBM-9	1.21	BR	Y	M		
A3816-15	SBM-10	1.18	BR	Y	M		
A3816-16	SBM-6	1.27	BR	Y	M		
A3816-17	SBM-6-S-2	1.07	BR	Y	M		
A3816-18	SBM-3-S-1	1.09	BR	Y	M		
A3816-19	SBM-4-S-1	1.06	BR	Y	M		
A3816-20	SBM-2-S-3	1.21	BR	Y	M		
A3816-21	SBM-9-S-1	1.06	BR	Y	M		
A3816-22	SBM-1-S-2	1.00	BR	Y	M		
PB43883BL	~~PB43883BL~~ PBS	1.00	C	C	F		08/06/09
PB43883BS	~~PB43883BS~~ LCSS	1.00	C	C	F		S/K-S01.2, S/K-S01.2A

08/06/09

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

3050

CHEMTECH

Soil/Sludge Preparation Sheet

PrepBatch ID :	**PB43883**	**Batch#**	PB43883
SDG No :		**ICP Digest Date:**	08/06/09
Matrix :	Solid	**Sample Received By :**	
Final Volume :	100 ML	**Acceptance Range: +/- 1%**	
Balance Calibration Check(1.00):	① Wt. 1g = 1.00g. ② Wt. 10g = 10.00g. G	**Dig Technician Signature:**	
Method :	M3050B - Digestion - II	**Supervisor Signature:**	
Hot Plate Temp :	1. 95°C 2. 3.	**Prep Code:**	~~CR1~~

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 2	1.0ML	MM1746
Spike Sol 2A	1.0 ML	MM1947
	08/06/09	

Chemical Used	Lot Number
1:1 HNO3	MI16259
CONC: HNO3	MR2024
30% H2O2	ME2005
CONC: HCL	MR1999
	08/06/09

Date / Time	Received By	Relinquished By	Location
08/06/09 11:15			Icp. lab
	Analysis Group	**Digestion Group**	
	DR, JS	AP, KR, ~~MP~~	

CHEMTECH Soil/Sludge Sample Preparation Worksheet PrepBatch ID : **PB43883**

Lab Sample ID	Client Sample ID	Weight	Color Before	Color After	Texture	Artifact	Comments
A3816-01	SBM-7	1.00	Brown	Yellow	Medium		
A3816-01DUP	SBM-7DUP	1.00	Brown	Yellow	Medium		08/06/09 NP Spk.Sol.2, Spk.Sol.2A
A3816-02	A3816-01MS	1.00	Brown	Yellow	Medium		Spk.Sol.2, Spk.Sol.2A
A3816-03	A3816-01MSD	1.00	Brown	Yellow	Medium		
A3816-04	SBM-1	1.09	Brown	Yellow	Medium		
A3816-05	SBM-8	1.02	Brown	Yellow	Medium		
A3816-06	FDSS080309	1.04	Brown	Yellow	Medium		
A3816-07	SBM-2	1.02	Brown	Yellow	Medium		
A3816-08	SBM-11	1.09	Brown	Yellow	Medium		
A3816-09	SBM-12	1.42	Brown	Yellow	Medium		
A3816-10	SBM-4	1.11	Brown	Yellow	Medium		
A3816-11	SBM-3	1.35	Brown	Yellow	Medium		
A3816-12	SBM-5	1.23	Brown	Yellow	Medium		
A3816-13	SBM-9	1.21	Brown	Yellow	Medium		
A3816-15	SBM-10	1.18	Brown	Yellow	Medium		
A3816-16	SBM-6	1.27	Brown	Yellow	Medium		
A3816-17	SBM-6-S-2	1.07	Brown	Yellow	Medium		
A3816-18	SBM-3-S-1	1.09	Brown	Yellow	Medium		
A3816-19	SBM-4-S-1	1.06	Brown	Yellow	Medium		
A3816-20	SBM-2-S-3	1.21	Brown	Yellow	Medium		
A3816-21	SBM-9-S-1	1.06	Brown	Yellow	Medium		
A3816-22	SBM-1-S-2	1.00	Brown	Yellow	Medium		08/06/09 NP
PB43883BL	~~PB43883BL~~ PBS	1.00	Colorless	Colorless	Fine		08/06/09 NP Spk.Sol.2, Spk.Sol.2A
PB43883BS	~~PB43883BS~~ LCSS	1.00	Colorless	Colorless	Fine		

08/06/09 NP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

3010

CHEMTECH **Water Sample Preparation Sheet**

PrepBatch ID :	**PB43915**	**Batch#**	PB43915
SDG No :		**ICP Digest Date:**	08/07/09
Matrix :	Water	**Sample Received By :**	J.Mi
Method :	M 3010A - Digestion-08	**Dig Technician Signature:**	[signature]
Initial Volume :	50 ML	**Supervisor Signature:**	J.W
Final Volume :	50 ML	**Prep Code:**	~~CW1~~
Hot Plate Temp :	1. 95C 2. 3.		

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 2	0.50 ML	MM1746
Spike Sol. 2A	0.50 ML	MM1747
	08/07/09	

Chemical Used	Lot Number
CONC: HNO3	MR2024
1:1 HCL	M716323
	08/07/09

Date / Time	Received By	Relinquished By	Location
08/07/09 12.10	J.Mi	[signature]	ICP Lab
	Analysis Group	**Digestion Group**	
	DR, JS	AP, KR, NP	

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID :** **PB43915**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
A3816-14	EB080309	C	C	CL	CL	<2	
A3841-01	MW-1A	C	C	CL	CL	<2	
A3841-01DUP	MW-1ADUP	C	C	CL	CL	<2	08/07/09 MA
A3841-01MS	MW-1AMS	C	C	CL	CL	<2	SPK.Sol.2, SPK.Sol.2A
A3841-01MSD	MW-1AMSD	C	C	CL	CL	<2	SPK.Sol.2, SPK.Sol.2A
A3841-02	MW-2A	C	C	CL	CL	<2	
A3841-03	MW-3	BR	Y	CD	CL	<2	
A3841-04	MW-4	BR	Y	CD	CL	<2	
A3841-05	MW-5A	C	C	CD	CL	<2	
A3841-06	MW-6	C	C	CL	CL	<2	
A3841-07	MW-7	C	C	CL	CL	<2	
A3841-08	MW-8	C	C	CL	CL	<2	
A3841-09	MW-8(D)	C	C	CL	CL	<2	
A3841-10	FIELDBLANK	C	C	CL	CL	<2	
PB43915BL	~~PB43915BL~~ PBW	C	C	CL	CL	<2	08/07/09 MA
PB43915BS	~~PB43915BS~~ LCSW	C	C	CL	CL	<2	SPK.Sol.2, SPK.Sol.2A

08/07/09 MA

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

3010

CHEMTECH **Water Sample Preparation Sheet**

PrepBatch ID :	**PB43915**	**Batch#**	PB43915
SDG No :		**ICP Digest Date:**	08/07/09
Matrix :	Water	**Sample Received By :**	
Method :	M3010A - Digestion - 08	**Dig Technician Signature:**	
Initial Volume :	50 ML	**Supervisor Signature:**	
Final Volume :	50 ML	**Prep Code:**	~~CW1~~
Hot Plate Temp :	1. 95°C 2. 3.		

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 2	0.50ML	~~MM1746~~ MM1746
Spike Sol 2A	0.50ML	~~MM1747~~ MM1747
	08/07/NP	

Chemical Used	Lot Number
CONC: HNO3	MR2024
1:1 HCL	MI16323
	08/07/09 and 08/07/09 mr.

Date / Time	Received By	Relinquished By	Location
08/07/09 12:10			
	Analysis Group	**Digestion Group**	
	DR, JS	AP, KR, NP	

CHEMTECH Water Sample Preparation Sheet PrepBatch ID : **PB43915**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
A3816-14	EB080309	Colorless	Colorless	Clear	Clear	<2	
A3841-01	MW-1A	Colorless	Colorless	Clear	Clear	<2	
A3841-01DUP	MW-1ADUP	Colorless	Colorless	Clear	Clear	<2	08/07/89 A
A3841-01MS	MW-1AMS	Colorless	Colorless	Clear	Clear	<2	Spk.Sol.2, Spk Sol.2A
A3841-01MSD	MW-1AMSD	Colorless	Colorless	Clear	Clear	<2	Spk.Sol.2, Spk Sol.2A
A3841-02	MW-2A	Colorless	Colorless	Clear	Clear	<2	
A3841-03	MW-3	Brown	Yellow	Cloudy	Clear	<2	
A3841-04	MW-4	Brown	Yellow	Cloudy	Clear	<2	
A3841-05	MW-5A	Colorless	Colorless	Clear	Clear	<2	
A3841-06	MW-6	Colorless	Colorless	Clear	Clear	<2	
A3841-07	MW-7	Colorless	Colorless	Clear	Clear	<2	
A3841-08	MW-8	Colorless	Colorless	Clear	Clear	<2	
A3841-09	MW-8(D)	Colorless	Colorless	Clear	Clear	<2	
A3841-10	FIELDBLANK	Colorless	Colorless	Clear	Clear	<2	
PB43915BL	~~PB43915BL~~ PBW	Colorless	Colorless	Clear	Clear	<2	Spk.Sol.2, Spk.Sol.2A
PB43915BS	~~PB43915BS~~ LCSW	Colorless	Colorless	Clear	Clear	<2	Spk.Sol.2, Spk.Sol.2A

08/07/89 NP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

CHEMTECH **MERCURY PREPARATION WORKSHEET**

7471

SOP: M Revision:

Bath Temprature: —

Block Temprature: 95°C

Balance Check: (0.2G): 0.6 G Acceptance Range 0. 199-0.201 gram

Date: 8/5/2009 12:00:00 AM Final Volume: 30 mL

Batch #: PB43877

Digestion Time: In: 13:30 Out: 14:00

Supervisor Signature: Ø.m.

Dig Technician Signature: Ken Rivera

Sample Received By: A-J-Patel

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	30mL	S19297
CCV	30mL	S19299
CRA	30mL	S19296
Blank Spike, SISD	1.2mL	S19294

K.R 8/05/09

CHEMICAL USED	MLS USED
HNO3/H2SO4 1:2	MI16331
KMN04	MI16306
K2S2O8	MI16308
Hydroxylamine HCL	MI16305

K.R 8/05/09

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	water	30mL	S19296
Std1 0.2 ppb	S0.2	↓	↓	↓
Std2 2.5 ppb	S2.5			
Std3 5.0 ppb	S5.0			
Std4 7.5 ppb	S7.5			
Std5 10.0 ppb	S10.0			↓
ICV	ICV			S19297
ICB	ICB			S19296
CCV	CCV			S19299
CCB	CCB			S19296
CRI	CRA / CRI			S19296
CHK STD	CHK STD	↓	↓	S19298

Date/Time	Received By	Relinquished By	Location
8/05/09	A-J-Patel	Ken Rivera	Mercury lab
	Analysis Group	**Digestion Group**	
	A-J-Patel	AP, (KR), NP	

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB43877

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
A3816-01	SBM-7	Mercury	Solid	0.60		
A3816-01DUP	SBM-7DUP	Mercury	Solid	0.60		K.R. 8/05/09
A3816-02	A3816-01MS	Mercury	Solid	0.60		519294
A3816-03	A3816-01MSD	Mercury	Solid	0.60		519294
A3816-04	SBM-1	Mercury	Solid	0.62		
A3816-05	SBM-8	Mercury	Solid	0.61		
A3816-06	FDSS080309	Mercury	Solid	0.62		
A3816-07	SBM-2	Mercury	Solid	0.60		
A3816-08	SBM-11	Mercury	Solid	0.60		
A3816-09	SBM-12	Mercury	Solid	0.60		
A3816-10	SBM-4	Mercury	Solid	0.61		
A3816-11	SBM-3	Mercury	Solid	0.60		
A3816-12	SBM-5	Mercury	Solid	0.61		
A3816-13	SBM-9	Mercury	Solid	0.60		
A3816-15	SBM-10	Mercury	Solid	0.60		
A3816-16	SBM-6	Mercury	Solid	0.61		
A3816-17	SBM-6-S-2	Mercury	Solid	0.61		
A3816-18	SBM-3-S-1	Mercury	Solid	0.60		
A3816-19	SBM-4-S-1	Mercury	Solid	0.60		
A3816-20	SBM-2-S-3	Mercury	Solid	0.61		
A3816-21	SBM-9-S-1	Mercury	Solid	0.60		
A3816-22	SBM-1-S-2	Mercury	Solid	0.60		K.R. 8/05/09
PB43877BL	PBS	Mercury	Solid	0.60		
PB43877BS	LCSS	Mercury	Solid.	0.60		519294

* BL=Blank * BS=Blank Spike * TB=TCLP Blank

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB43877

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
A3816-01	SBM-7	Mercury	Solid	0.60		
A3816-01DUP	SBM-7DUP	Mercury	Solid	0.60		KR 8/05/09
A3816-02	A3816-01MS	Mercury	Solid	0.60		519294
A3816-03	A3816-01MSD	Mercury	Solid	0.60		519294
A3816-04	SBM-1	Mercury	Solid	0.62		
A3816-05	SBM-8	Mercury	Solid	0.61		
A3816-06	FDSS080309	Mercury	Solid	0.62		
A3816-07	SBM-2	Mercury	Solid	0.60		
A3816-08	SBM-11	Mercury	Solid	0.60		
A3816-09	SBM-12	Mercury	Solid	0.60		
A3816-10	SBM-4	Mercury	Solid	0.61		
A3816-11	SBM-3	Mercury	Solid	0.60		
A3816-12	SBM-5	Mercury	Solid	0.61		
A3816-13	SBM-9	Mercury	Solid	0.60		
A3816-15	SBM-10	Mercury	Solid	0.60		
A3816-16	SBM-6	Mercury	Solid	0.61		
A3816-17	SBM-6-S-2	Mercury	Solid	0.61		
A3816-18	SBM-3-S-1	Mercury	Solid	0.60		
A3816-19	SBM-4-S-1	Mercury	Solid	0.60		
A3816-20	SBM-2-S-3	Mercury	Solid	0.61		
A3816-21	SBM-9-S-1	Mercury	Solid	0.60		
A3816-22	SBM-1-S-2	Mercury	Solid	0.60		
PB43877BL	PBS	Mercury	Solid	0.60		KR 8/05/09
PB43877BS	LCSS	Mercury	Solid	0.60		519294

* BL=Blank * BS=Blank Spike * TB=TCLP Blank

CHEMTECH **MERCURY PREPARATION WORKSHEET**

SOP: M 7470 Revision:

Bath Temprature: —

Block Temprature: 95°C

Balance Check: (0.2G):

Acceptance Range 0. 199-0.201 gram

Date: 8/11/2009 12:00:00 AM

Final Volume: 30 mL

Batch #: PB43967

Digestion Time: In: 9:00 Out: 11:00

Supervisor Signature:

Dig Technician Signature: Ken Rivera

Sample Received By: Ken Rivera

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	30mL	S19325
CCV	30mL	S19327
CRA	30mL	S19324
Blank Spike, LSD	1.2mL	S19322

K.R. 8/11/09

KR 8/11/09

CHEMICAL USED	MLS USED
HNO3/H2SO4 1:2	MI16331
KMN04	MI16348
K2S2O8	MI16347
Hydroxylamine HCL	MI16305

KR 8/11/09

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	Water	30mL	S19324
Std1 0.2 ppb	S0.2			
Std2 2.5 ppb	S2.5			
Std3 5.0 ppb	S5.0			
Std4 7.5 ppb	S7.5			
Std5 10.0 ppb	S10.0			
ICV	ICV			S19325
ICB	ICB			S19324
CCV	CCV			S19327
CCB	CCB			S19324
CRI	CRA / CRI			S19324
CHK STD	CHK STD			S19326

Date/Time	Received By	Relinquished By	Location
8/11/09	Ken Rivera	Ken Rivera	Mercury lab
	Analysis Group	Digestion Group	
	Ken Rivera	AP, (KR) NP	

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB43967

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
A3779-10	FIELDBLANK	Mercury	Water	30	<2	
A3816-14	EB080309	Mercury	Water	30	<2	
A3821-04	001-OUTFALL	Mercury	Water	30	<2	
A3841-01	MW-1A	Mercury	Water	30	<2	
A3841-02	MW-2A	Mercury	Water	30	<2	
A3841-03	MW-3	Mercury	Water	30	<2	
A3841-04	MW-4	Mercury	Water	30	<2	
A3841-05	MW-5A	Mercury	Water	30	<2	
A3841-06	MW-6	Mercury	Water	30	<2	
A3841-07	MW-7	Mercury	Water	30	<2	
A3841-07DUP	MW-7DUP	Mercury	water	30	<2	K.R. 8/11/09
A3841-07MS	MW-7MS	Mercury	water	30	<2	S19322
A3841-07MSD	MW-7MSD	Mercury	water	30	<2	S19322
A3841-08	MW-8	Mercury	Water	30	<2	
A3841-09	MW-8(D)	Mercury	Water	30	<2	
A3841-10	FIELDBLANK	Mercury	Water	30	<2	
PB43967BL	PBW	Mercury	Water	30	<2	K.R. 8/11/09
PB43967BS	LCSW	Mercury	Water	30	<2	S19322

*** BL=Blank * BS=Blank Spike * TB=TCLP Blank**

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB43967

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
A3779-10	FIELDBLANK	Mercury	Water	30 mL	<2	
A3816-14	EB080309	Mercury	Water		<2	
A3821-04	001-OUTFALL	Mercury	Water		<2	
A3841-01	MW-1A	Mercury	Water		<2	
A3841-02	MW-2A	Mercury	Water		<2	
A3841-03	MW-3	Mercury	Water		<2	
A3841-04	MW-4	Mercury	Water		<2	
A3841-05	MW-5A	Mercury	Water		<2	
A3841-06	MW-6	Mercury	Water		<2	
A3841-07	MW-7	Mercury	Water		<2	
A3841-07DUP	MW-7DUP	Mercury	water		<2	KR 8/11/09
A3841-07MS	MW-7MS	Mercury	water		<2	519322
A3841-07MSD	MW-7MSD	Mercury	water		<2	519322
A3841-08	MW-8	Mercury	Water		<2	
A3841-09	MW-8(D)	Mercury	Water		<2	
A3841-10	FIELDBLANK	Mercury	Water		<2	
PB43967BL	PBW	Mercury	water		<2	KR 8/11/09
PB43967BS	LCSW	Mercury	water		<2	519322

*** BL=Blank * BS=Blank Spike * TB=TCLP Blank**

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD:6010/200.7 PROJECT No: A3824 A3822 A3830 A3813 A3816 A3814 A3808 A3806 TRIP A3807 TRIP

RUN ID: LB45576 DATE: 08 / 06 / 09 ANALYST: D. Kopek SUPERVISOR REVIEW D. Kopek

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
S0								
S1A								
S1B								
S1								
S2								
S								
ICV								
ICB								
CRI								
ICSA								
ICSAB								
CCV								
CCB								

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
CCV				
CCB				

P4 autosampler sequence LB45576

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2
1	1	1	1	1	Unk	ICV			
2	2	1	2	1	Unk	ICB			
3	3	1	3	1	Unk	CRI			
4	4	1	4	1	Unk	ICSA			
5	5	1	5	1	Unk	ICSAB			
6	6	1	6	1	Unk	CCV			
7	7	1	7	1	Unk	CCB			
8	8	1	8	1	Unk	PB43884BL			200.7
9	9	1	9	1	Unk	ZZZZZZ			
10	10	1	10	1	Unk	A3824-04			
11	11	1	11	1	Unk	A3824-03			
12	12	1	12	1	Unk	A3824-03D			
13	13	1	1	2	Unk	A3824-03L			
14	14	1	2	2	Unk	A3824-03A			
15	15	1	3	2	Unk	A3824-03S			
16	16	1	4	2	Unk	A3824-03SD			
17	17	1	5	2	Unk	A3822-01			
18	18	1	6	2	Unk	CCV			
19	19	1	7	2	Unk	CCB			
20	20	1	8	2	Unk	PB43882BL			
21	21	1	9	2	Unk	PB43882BS			
22	22	1	10	2	Unk	A3830-01			
23	23	1	11	2	Unk	A3830-02			
24	24	1	12	2	Unk	A3813-03			
25	25	1	1	3	Unk	A3813-04			
26	26	1	2	3	Unk	A3813-05			
27	27	1	3	3	Unk	A3813-06			
28	28	1	4	3	Unk	A3813-06D			
29	29	1	5	3	Unk	A3813-06L			
30	30	1	6	3	Unk	CCV			
31	31	1	7	3	Unk	CCB			
32	32	1	8	3	Unk	A3813-06A			
33	33	1	9	3	Unk	A3813-07			
34	34	1	10	3	Unk	A3813-08			
35	35	1	11	3	Unk	A3813-09			
36	36	1	12	3	Unk	PB43883BL			
37	37	1	1	4	Unk	PB43883BS			
38	38	1	2	4	Unk	A3816-01			
39	39	1	3	4	Unk	A3816-01D			
40	40	1	4	4	Unk	A3816-01L			
41	41	1	5	4	Unk	A3816-01A			
42	42	1	6	4	Unk	CCV			
43	43	1	7	4	Unk	CCB			
44	44	1	8	4	Unk	A3816-02			
45	45	1	9	4	Unk	A3816-03			
46	46	1	10	4	Unk	A3816-04			
47	47	1	11	4	Unk	A3816-05			
48	48	1	12	4	Unk	A3816-06			
49	49	1	1	5	Unk	A3816-07			
50	50	1	2	5	Unk	A3816-08			
51	51	1	3	5	Unk	A3816-09			
52	52	1	4	5	Unk	A3816-10			
53	53	1	5	5	Unk	A3816-11			
54	54	1	6	5	Unk	CCV			
55	55	1	7	5	Unk	CCB			
56	56	1	8	5	Unk	A3816-12			
57	57	1	9	5	Unk	A3816-13			

P4 auto sampler sequence LB45576

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2
58	58	1	10	5	Unk	A3816-15			
59	59	1	11	5	Unk	A3816-16			
60	60	1	12	5	Unk	A3816-17			
61	61	2	1	1	Unk	A3816-18			
62	62	2	2	1	Unk	A3816-19			
63	63	2	3	1	Unk	A3816-20			
64	64	2	4	1	Unk	A3816-21			
65	65	2	5	1	Unk	A3816-22			
66	66	2	6	1	Unk	CCV			
67	67	2	7	1	Unk	CCB			
68	68	2	8	1	Unk	PB43886BL			
69	69	2	9	1	Unk	PB43886BS			
70	70	2	10	1	Unk	A3814-11			
71	71	2	11	1	Unk	ZZZZZZ			
72	72	2	12	1	Unk	A3814-12			
73	73	2	1	2	Unk	ZZZZZZ			
74	74	2	2	2	Unk	A3814-13			
75	75	2	3	2	Unk	ZZZZZZ			
76	76	2	4	2	Unk	A3814-14			
77	77	2	5	2	Unk	A3814-14X10			
78	78	2	6	2	Unk	CCV			
79	79	2	7	2	Unk	CCB			
80	80	2	8	2	Unk	PB43886BSD			
81	81	2	9	2	Unk	A3808-02			
82	82	2	10	2	Unk	A3808-02D			
83	83	2	11	2	Unk	A3808-02L			
84	84	2	12	2	Unk	A3808-02A			
85	85	2	1	3	Unk	A3808-02S			
86	86	2	2	3	Unk	A3808-02SD			
87	87	2	3	3	Unk	A3808-21			
88	88	2	4	3	Unk	A3808-21D			
89	89	2	5	3	Unk	A3808-21L			
90	90	2	6	3	Unk	CCV			
91	91	2	7	3	Unk	CCB			
92	92	2	8	3	Unk	A3808-21A			
93	93	2	9	3	Unk	A3808-21S			
94	94	2	10	3	Unk	A3808-21SD			
95	95	2	11	3	Unk	A3813-01			
96	96	2	12	3	Unk	A3813-02			
97	97	2	1	4	Unk	CCV			
98	98	2	2	4	Unk	CCB			
99	99	2	3	4	Unk	PB43912BL			TLM
100	100	2	4	4	Unk	PB43912BS			
101	101	2	5	4	Unk	A3806-02			
102	102	2	6	4	Unk	A3807-02			
103	103	2	7	4	Unk	A3807-02D			
104	104	2	8	4	Unk	A3807-02L			
105	105	2	9	4	Unk	A3807-02S			
106	106	2	10	4	Unk	A3807-02SD			
107	107	2	11	4	Unk	A3807-02A			
108	108	2	12	4	Unk	EXTBLK(08/09/09)			
109	109	2	1	5	Unk	CCV			
110	110	2	2	5	Unk	CCB			
111	111	2	3	5	Unk	PB43884BS			200.7
112	112	2	4	5	Unk	CCV			
113	113	2	5	5	Unk	CCB			



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CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG A3865

METHOD:6010/200.7 PROJECT No: A3852 A3855 A3845 A3846 A3847 A3856 A3816 A3841 A3844 A3828 A3838 A3831 A3835 A3839 A3840 A3843

RUN ID: LB45605 DATE: 08/10/09 ANALYST: D. Bopli SUPERVISOR REVIEW D. Bopli

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
S0								
S1								
S2								
S3								
S4								
S5								
ICV								
ICB								
CRI								
ICSA								
ICSAB								
CCV								
CCB								

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
CCV				
CCB				

P4 auto sampler sequence LB45605

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2
1	1	1	1	1	Unk	ICV			
2	2	1	2	1	Unk	ICB			
3	3	1	3	1	Unk	CRI			
4	4	1	4	1	Unk	ICSA			
5	5	1	5	1	Unk	ICSAB			
6	6	1	6	1	Unk	CCV			
7	7	1	7	1	Unk	CCB			
8	8	1	8	1	Unk	PB43942BL			
9	9	1	9	1	Unk	PB43942BS			
10	10	1	10	1	Unk	A3852-01			
11	11	1	11	1	Unk	A3852-02			
12	12	1	12	1	Unk	A3852-03			
13	13	1	1	2	Unk	A3852-04			
14	14	1	2	2	Unk	A3852-05			
15	15	1	3	2	Unk	A3852-06			
16	16	1	4	2	Unk	A3852-08			
17	17	1	5	2	Unk	A3852-09			
18	18	1	6	2	Unk	CCV			
19	19	1	7	2	Unk	CCB			
20	20	1	8	2	Unk	A3852-07			
21	21	1	9	2	Unk	A3852-07D			
22	22	1	10	2	Unk	A3852-07L			
23	23	1	11	2	Unk	A3852-07S			
24	24	1	12	2	Unk	A3852-07SD			
25	25	1	1	3	Unk	A3852-07A			
26	26	1	2	3	Unk	A3855-01			
27	27	1	3	3	Unk	A3855-02			
28	28	1	4	3	Unk	A3855-03			
29	29	1	5	3	Unk	A3855-04			
30	30	1	6	3	Unk	CCV			
31	31	1	7	3	Unk	CCB			
32	32	1	8	3	Unk	A3855-05			
33	33	1	9	3	Unk	A3855-06			
34	34	1	10	3	Unk	A3855-07			
35	35	1	11	3	Unk	A3845-01			
36	36	1	12	3	Unk	A3846-01			
37	37	1	1	4	Unk	A3847-01			
38	38	1	2	4	Unk	A3856-01X10			
39	39	1	3	4	Unk	A3856-02X10			
40	40	1	4	4	Unk	A3856-03X10			
41	41	1	5	4	Unk	A3856-04X10			
42	42	1	6	4	Unk	CCV			
43	43	1	7	4	Unk	CCB			
44	44	1	8	4	Unk	A3856-05X10			
45	45	1	9	4	Unk	PB43915BL			
46	46	1	10	4	Unk	PB43915BS			
47	47	1	11	4	Unk	A3816-14			
48	48	1	12	4	Unk	A3841-01			
49	49	1	1	5	Unk	A3841-01D			
50	50	1	2	5	Unk	A3841-01L			
51	51	1	3	5	Unk	A3841-01S			
52	52	1	4	5	Unk	A3841-01SD			
53	53	1	5	5	Unk	A3841-01A			
54	54	1	6	5	Unk	CCV			
55	55	1	7	5	Unk	CCB			
56	56	1	8	5	Unk	A3841-02			
57	57	1	9	5	Unk	A3841-03			

P4 autosampler sequence LB45605

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2
58	58	1	10	5	Unk	A3841-04			
59	59	1	11	5	Unk	A3841-05			
60	60	1	12	5	Unk	A3841-06			
61	61	2	1	1	Unk	A3841-07			
62	62	2	2	1	Unk	A3841-08			
63	63	2	3	1	Unk	A3841-09			
64	64	2	4	1	Unk	A3841-10			
65	65	2	5	1	Unk	PB43944BL			
66	66	2	6	1	Unk	CCV			
67	67	2	7	1	Unk	CCB			
68	68	2	8	1	Unk	PB43944BS			
69	69	2	9	1	Unk	A3844-01			
70	70	2	10	1	Unk	A3844-01D			
71	71	2	11	1	Unk	A3844-01L			
72	72	2	12	1	Unk	A3844-01S			
73	73	2	1	2	Unk	A3844-01SD			
74	74	2	2	2	Unk	A3844-01A			
75	75	2	3	2	Unk	A3844-02			
76	76	2	4	2	Unk	A3844-03			
77	77	2	5	2	Unk	A3844-04			
78	78	2	6	2	Unk	CCV			
79	79	2	7	2	Unk	CCB			
80	80	2	8	2	Unk	A3844-05			
81	81	2	9	2	Unk	A3844-06			
82	82	2	10	2	Unk	A3844-07			
83	83	2	11	2	Unk	~~A3855-08~~	A3844-08	08111 09	
84	84	2	12	2	Unk	A3844-09			
85	85	2	1	3	Unk	A3844-10			
86	86	2	2	3	Unk	A3844-11			
87	87	2	3	3	Unk	A3844-12			
88	88	2	4	3	Unk	A3844-13			
89	89	2	5	3	Unk	A3844-14			
90	90	2	6	3	Unk	CCV			
91	91	2	7	3	Unk	CCB			
92	92	2	8	3	Unk	A3844-15			
93	93	2	9	3	Unk	A3844-16			
94	94	2	10	3	Unk	A3844-17			
95	95	2	11	3	Unk	A3844-18			
96	96	2	12	3	Unk	A3844-19			
97	97	2	1	4	Unk	A3844-20			
98	98	2	2	4	Unk	PB43945BL			
99	99	2	3	4	Unk	PB43945BS			
100	100	2	4	4	Unk	A3844-21			
101	101	2	5	4	Unk	A3844-22			
102	102	2	6	4	Unk	CCV			
103	103	2	7	4	Unk	CCB			
104	104	2	8	4	Unk	A3844-23			
105	105	2	9	4	Unk	A3844-24			
106	106	2	10	4	Unk	A3844-25			
107	107	2	11	4	Unk	A3944-25D			
108	108	2	12	4	Unk	A3844-25L			
109	109	2	1	5	Unk	A3844-25S			
110	110	2	2	5	Unk	A3844-25SD			
111	111	2	3	5	Unk	A3844-25A			
112	112	2	4	5	Unk	A3844-26			
113	113	2	5	5	Unk	PB43914BL			
114	114	2	6	5	Unk	CCV			

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P4 auto sampler sequence LB45605

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2
115	115	2	7	5	Unk	CCB			
116	116	2	8	5	Unk	PB43914BS			
117	117	2	9	5	Unk	A3828-01			
118	118	2	10	5	Unk	A3828-02			
119	119	2	11	5	Unk	A3828-03			
120	120	2	12	5	Unk	A3828-03D			
121	121	3	1	1	Unk	A3828-03L			
122	122	3	2	1	Unk	A3828-04			
123	123	3	3	1	Unk	A3828-05			
124	124	3	4	1	Unk	A3828-03A			
125	125	3	5	1	Unk	A3828-06			
126	126	3	6	1	Unk	CCV			
127	127	3	7	1	Unk	CCB			
128	128	3	8	1	Unk	A3828-07			
129	129	3	9	1	Unk	A3828-08			
130	130	3	10	1	Unk	A3828-09			
131	131	3	11	1	Unk	A3828-10			
132	132	3	12	1	Unk	A3828-11			
133	133	3	1	2	Unk	A3828-12			
134	134	3	2	2	Unk	A3838-01			
135	135	3	3	2	Unk	PB43916BL			
136	136	3	4	2	Unk	PB43916BS			
137	137	3	5	2	Unk	A3831-01			
138	138	3	6	2	Unk	CCV			
139	139	3	7	2	Unk	CCB			
140	140	3	8	2	Unk	A3831-02			
141	141	3	9	2	Unk	A3833-01			
142	142	3	10	2	Unk	A3839-01			
143	143	3	11	2	Unk	A3840-01			
144	144	3	12	2	Unk	A3843-01			
145	145	3	1	3	Unk	A3843-01			
146	146	3	2	3	Unk	A3843-01L			
147	147	3	3	3	Unk	A3843-01S			
148	148	3	4	3	Unk	A3843-01SD			
149	149	3	5	3	Unk	A3843-01A			
150	150	3	6	3	Unk	CCV			
151	151	3	7	3	Unk	CCB			
152	152	3	8	3	Unk	A3843-03			
153	153	3	9	3	Unk	ZZZZZZ			
154	154	3	10	3	Unk	ZZZZZZ			
155	155	3	11	3	Unk	ZZZZZZ			
156	156	3	12	3	Unk	ZZZZZZ			
157	157	3	1	4	Unk	ZZZZZZ			
158	158	3	2	4	Unk	ZZZZZZ			
159	159	3	3	4	Unk	A3865-01			
160	160	3	4	4	Unk	CCV			
161	161	3	5	4	Unk	CCB			
162	162	3	6	4	Unk	Z			
163	163	3	7	4	Unk	Z			

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CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK LB45557(2)

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
08/03/09	A3760	PB 43830	14:23 ~~9220~~ A-R 08/03/09	720	3809	42363	90058	136262
	A3763	↓	↓	↓	↓	↓	↓	↓
	A3780							
08/04/09	A3745	PB 43825	11:28	1677	12989	~~96868~~ 157375 ~~157378~~ ~~252776~~ A-R 08/04/09		242716
	A3782	↓	↓	↓	↓	↓	↓	↓
08/04/09	A3779	PB 43808	13:59	3291	8805	70016	145708	213392
08/05/09	A3568	PB43773	9:15	1198	11467	74133	148360	222154
08/05/09	A3723	PB43867	11:07	1924	7864	42018	159578	242165
	A3724	PB43868	↓	↓	↓	↓	↓	↓
08/05/09	A3784	PB43871	15:53	3811	6395	55529	110959	158448
	A3795	↓	↓	↓	↓	↓	↓	↓
	A3798							
	A3802							
→ 08/06/09	A3806	PB43865	10:26	2537	7788	66186	127942	192510
	A3807	↓	↓	↓	↓	↓	↓	↓
	A3808							
	A3808	PB43866						
	A3816	PB43877						
	A3813	PB43873	↓	↓	↓	↓	↓	↓

QA Control # A3040488

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
177262	16:38	.999736	S 19283	C	A.J Patel	D. Mu
↓	↓	↓	↓	NJ	A-J-Patel	D. Mu
				NJ	A-J Patel	D. Mu
371951	12:24	.999935	S19289	EPA	A-J-Patel	D. Mu
↓	↓	↓	↓	EPA	A·J Patel	D. Mu
277802	15:16	.999736	S 19289	NYASP	A-J-patel	D. Mu
298290	9:53	.999860	S19295	EPA	A. J Patel	D. Mu
315700	13:56	.999899	S19295	EPA	A·J·Patel	D. Mu
↓	↓	↓	↓	EPA	A-J·Patel	D. Mu
209242	17:27	.999740	S19295	NJ	A·J·Patel	D. Mu
				C	A.J Patel	D. Mu
				C	A·J·Patel	D. Mu
				C	A·J·Patel	D. Mu
260288	15:09	.999884	S19301	C	AJ·Patel	D. Mu
				C	A-J·Patel	D. Mu
				C	A-J-Patel	D. Mu
				C	A-J Patel	D. Mu
				NYASP	A-J-patel	D. Mu
				NYASP	A J-Patel	D. Mu

LB45557 A.P.

QA Control # A3040488

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092 LB45614(CV2)

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
08/03/09	A3760	PB 43830	14:23 9320 A-P 08/03/09	720	3809	42363	90056	136262
	A3763	↓	↓	↓	↓	↓	↓	↓
	A3780	↓	↓	↓	↓	↓	↓	↓
08/04/09	A3745	PB 43825	11:28	1677	12989	96868 167378 A-P 08/04/09	157378 252776	264276
	A3782	↓	↓	↓	↓	↓	↓	↓
08/04/09	A3779	PB 43808	13:59	3291	58805	70016	145708	213392
08/05/09	A3568	PB43773	9:15	1198	11467	74133	148360	222154
08/05/09	A3723	PB43867	11:07	1924	7864	42018	159578	242165
	A3724	PB43868	↓	↓	↓	↓	↓	↓
08/05/09	A3784	PB43871	15:53	3811	6395	55529	110959	158448
	A 3795	↓	↓	↓	↓	↓	↓	↓
	A3798	↓	↓	↓	↓	↓	↓	↓
	A 3802	↓	↓	↓	↓	↓	↓	↓
08/06/09	A3806	PB 43865	10:26	2537	7786	66186	127942	192510
	A3807	↓	↓	↓	↓	↓	↓	↓
	A3808	↓	↓	↓	↓	↓	↓	↓
	A3808	PB43866						
	A 3816	PB43877						
	A3813	PB43873	↓	↓	↓	↓	↓	↓
08/06/09	A3824	PB43899	15:20	1685	6873	66231	129342	195588
08/07/09	A3830	PB43903	9:57	1073	5696	52749	106919	160733
→ 08/11/09	A3779	PB43967	15:18	2917	9557	96216	186384	276315
	A3816	↓	↓	↓	↓	↓	↓	↓
	A3821							
	A3841	↓	↓	↓	↓	↓	↓	↓

QA Control # A3040488 Page 26

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
177262	16:35	-.999736	S 19283	C	A.J Patel	D.Kr
↓	↓	↓	↓	NJ	A-J-Patel	D.Kr
↓	↓	↓	↓	NJ	A-J Patel	D.Kr
371951	12:24	.999935	S19289	EPA	A-J-Patel	D.Kr
↓	↓	↓	↓	EPA	A·J Patel	D.Kr
277802	15:16	-.999736	S 19289	NYASP	A-J-Patel	D.Kr
298290	9:53	.999860	S19295	EPA	A-J Patel	D.Kr
315700	13:56	.999899	S19295	EPA	A.J.Patel	D.Kr
↓	↓	↓	↓	EPA	A-J-Patel	D.Kr
209242	17:27	.999740	S19295	NJ	A·J·Patel	D.Kr
↓	↓	↓	↓	C	A.J Patel	D.Kr
↓	↓	↓	↓	C	A.J.Patel	D.Kr
↓	↓	↓	↓	C	A.J.Patel	D.Kr
260288	15:09	.999884	S19301	C	A-J-Patel	D.Kr
↓	↓	↓	↓	C	A-J-Patel	D.Kr
↓	↓	↓	↓	C	A-J-Patel	D.Kr
↓	↓	↓	↓	C	A-J Patel	D.Kr
↓	↓	↓	↓	NYASP	A-J-Patel	D.Kr
↓	↓	↓	↓	NYASP	A.J.Patel	D.Kr
259363	16:24	.999983	S19301	NYASP	Ken Rivera	D.Kr
233709	10:52	.999402	S19307	NJ.	A·J·Patel	D.Kr
369540	16:36	.999976	S19323	NYASP	Ken Rivera	D.Kr
↓	↓	↓	↓	NYASP	Ken Rivera	D.Kr
↓	↓	↓	↓	C	Ken Rivera	D.Kr
↓	↓	↓	↓	NJ	Ken Rivera	D.Kr

QA Control # A3040488 LB45614 K.R. Page 27

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3811-02	HD-23(32.5-35)	1	1.17	8.91	7.44	81.1
A3811-05	HD-24(27.5-30)	2	1.18	9.01	7.64	82.6
A3811-07	HD-25(27.5-30)	3	1.17	9.06	7.68	82.6
A3811-08	A3811-07MS	4	NR	NR	NR	NR
A3811-09	A3811-07MSD	5	NR	NR	NR	NR
A3811-15	HD-26(27.5-30)	6	1.17	8.99	8.26	90.7
A3811-16	DUP-05	7	1.17	9	8.17	89.4
A3811-20	HD-27(27.5-30)	8	1.18	9.07	8.3	90.3
A3811-22	HD-28(27.5-30)	9	1.17	8.99	8.36	92.0
A3811-23	A3811-22MS	10	NR	NR	NR	NR
A3811-24	A3811-22MSD	11	NR	NR	NR	NR
A3811-25	DUP-07	12	1.16	8.98	7.36	79.3
A3811-27	HD-29(30-32.5)	13	1.16	8.99	7.49	80.9
A3813-01	TP-1	14	1.17	8.84	7.02	76.3
A3813-02	TP-2	15	1.16	9.05	7.4	79.1
A3813-03	TP-3	16	1.16	8.89	7.71	84.8
A3813-04	TP-X	17	1.16	8.93	7.29	78.9
A3813-05	TP-4	18	1.17	8.83	7.88	87.6
A3813-06	TP-5	19	1.16	9.01	7.51	80.9
A3813-07	A3813-06MS	20	NR	NR	NR	NR
A3813-08	A3813-06MSD	21	NR	NR	NR	NR
A3813-09	TP-6	22	1.17	8.85	7.27	79.5
A3815-01	T-1	23	1.17	8.92	7.86	86.4
A3815-02	T-2	24	1.17	8.85	7.26	79.3
A3815-03	T-3	25	1.18	8.9	6.71	71.7
A3815-04	T-4	26	1.17	8.85	7.71	85.2
A3816-01	SBM-7	27	1.16	8.95	7.55	82.1
A3816-02	A3816-01MS	28	NR	NR	NR	NR
A3816-03	A3816-01MSD	29	NR	NR	NR	NR
A3816-04	SBM-1	30	1.18	8.79	6.76	73.4
A3816-05	SBM-8	31	1.16	8.78	6.95	76.0
A3816-06	FDSS080309	32	1.17	8.7	6.95	76.8
A3816-07	SBM-2	33	1.19	8.89	7.43	81.1
A3816-08	SBM-11	34	1.16	9.02	7.41	79.6

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

A. P. 08/06/09

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3816-09	SBM-12	35	1.17	8.89	7.87	86.8
A3816-10	SBM-4	36	1.16	8.83	6.96	75.7
A3816-11	SBM-3	37	1.18	9.06	7.51	80.4
A3816-12	SBM-5	38	1.17	8.92	7.52	82.0
A3816-13	SBM-9	39	1.16	8.96	7.77	84.8
A3816-15	SBM-10	40	1.16	8.9	7.63	83.6
A3816-16	SBM-6	41	1.16	8.98	8	87.5
A3816-17	SBM-6-S-2	42	1.16	8.97	7.68	83.5
A3816-18	SBM-3-S-1	43	1.16	9.03	7.84	84.9
A3816-19	SBM-4-S-1	44	1.17	9.08	7.78	83.6
A3816-20	SBM-2-S-3	45	1.19	8.9	7.74	85.0
A3816-21	SBM-9-S-1	46	1.17	8.89	7.82	86.2
A3816-22	SBM-1-S-2	47	1.19	8.95	7.27	78.4
A3817-01	LOT-080-39	48		OINTMENT	SAMPLE	100.0
A3818-01	SB-1	49	1.18	8.87	7.55	82.9
A3818-02	SB-2	50	1.19	9.05	8.12	88.2
A3823-03	TRC-181X-EP-B-11	51	1.16	8.76	7.49	83.3
A3823-04	TRC-181X-EP-S-11	52	1.18	9.04	7.39	79.1
A3823-05	TRC-181X-EP-S-11DUP	53	1.19	8.96	7.89	86.3
A3811-22D	HD-28(27.5-30)D	9D	1.17	9.02	8.46	92.9
A3816-01D	SBM-7D	27D	1.16	8.98	7.65	83.0
A3823-03D	TRC-181X-EP-B-11D	51D	1.16	8.79	7.59	84.3
BLANK	DISH	B1	1.16	1.16	1.16	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

08/06/09 A.P.

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 081415

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 12,3	SBM-7	Soil		X	8/3/09	1035	3	X	X	X	X						MS/MSD
2. 4	SBM-1	Soil		X	8/2/09	1100	1	X	X	X	X						
3. 5	SBM-8	Soil		X	8/3/09	1135	1	X	X	X	X						
4. 6	FDSS080309	Soil		X	8/3/09	1200	1	X	X	X	X						
5. 7	SBM-2	Soil		X	8/3/09	1210	1	X	X	X	X						
6. 8	SBM-11	Soil		X	8/3/09	1230	1	X	X	X	X						
7. 9	SBM-12	Soil		X	8/3/09	1320	1	X	X	X	X						
8. 10	SBM-4	Soil		X	8/3/09	1340	1	X	X	X	X						
9. 11	SBM-3	Soil		X	8/3/09	1410	1	X	X	X	X						
10. 12	SBM-5	Soil		X	8/3/09	1550	1	X	X	X	X						

← Specify Preservatives
A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/4/09 1610	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	8-5-09 9:55	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 078975

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator Site
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: SAME FAX: SAME

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals	TAL Metals				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
13	SBM-9	soil		X	8/3/09	1555	1	X	X	X	X						
14	EB080309	water		X	8/3/09	1430	4	X	X	X		X					
15	SBM-10	soil		X	8/3/09	1615	1	X	X	X	X						
16	SBM-6	soil		X	8/3/09	1610	1	X	X	X	X						
17	SBM-6 @ S-2	soil		X	8/4/09	1045	1	X	X	X	X						
18	SBM-3 S-1	soil		X	8/4/09	1115	1	X	X	X	X						
19	SBM-4 S-1	soil		X	8/4/09	1110	1	X	X	X	X						
20	SBM-2 S-3	soil		X	8/4/09	1055	1	X	X	X	X						
21	SBM-9 S-1	soil		X	8/4/09	1140	1	X	X	X	X						
22	SBM-1 S-2	soil		X	8/4/09	1050	1	X	X	X	X						

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
1. RELINQUISHED BY SAMPLER:	8/4/09 1610	1.
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:
3. RELINQUISHED BY: NYPS	DATE/TIME: 9:55 8-5-09	3. RECEIVED FOR LAB BY:

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Cooler Temp. 5°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: YES

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

UPS CampusShip: View/Print Label

1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

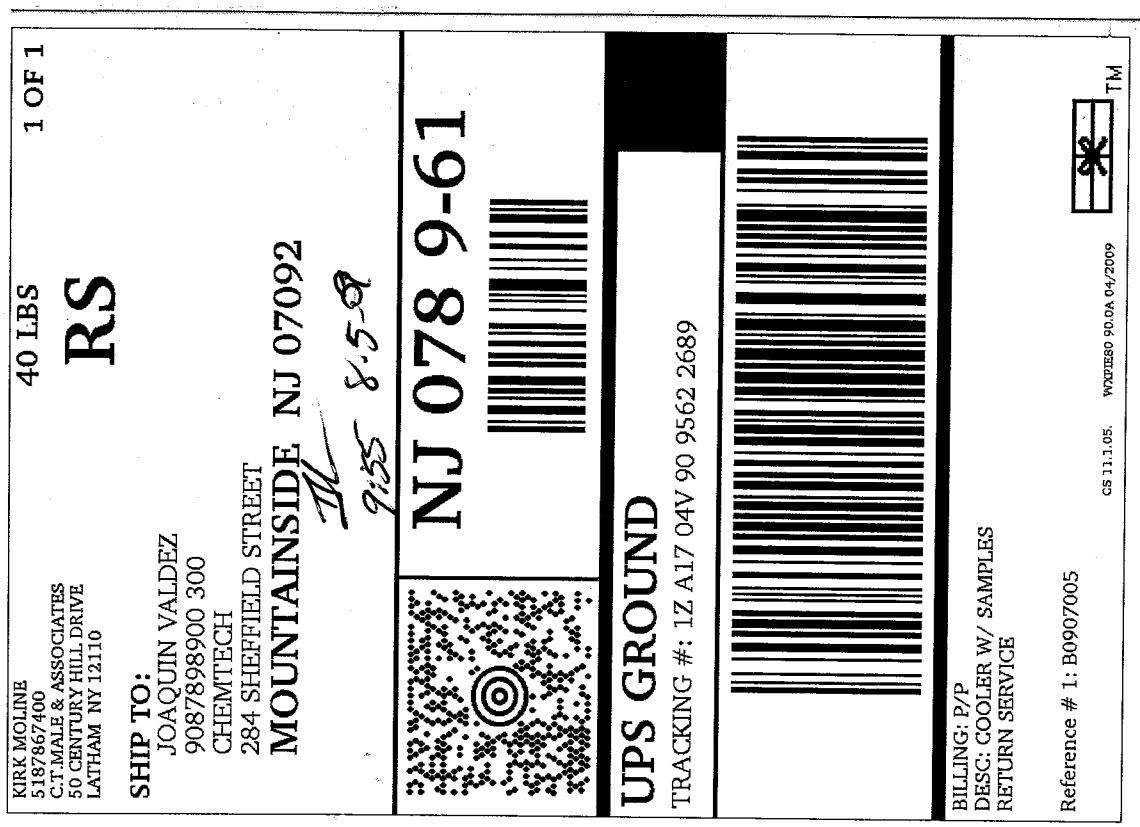
   Customers without a Daily Pickup

   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup

   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



UPS CampusShip: View/Print Label

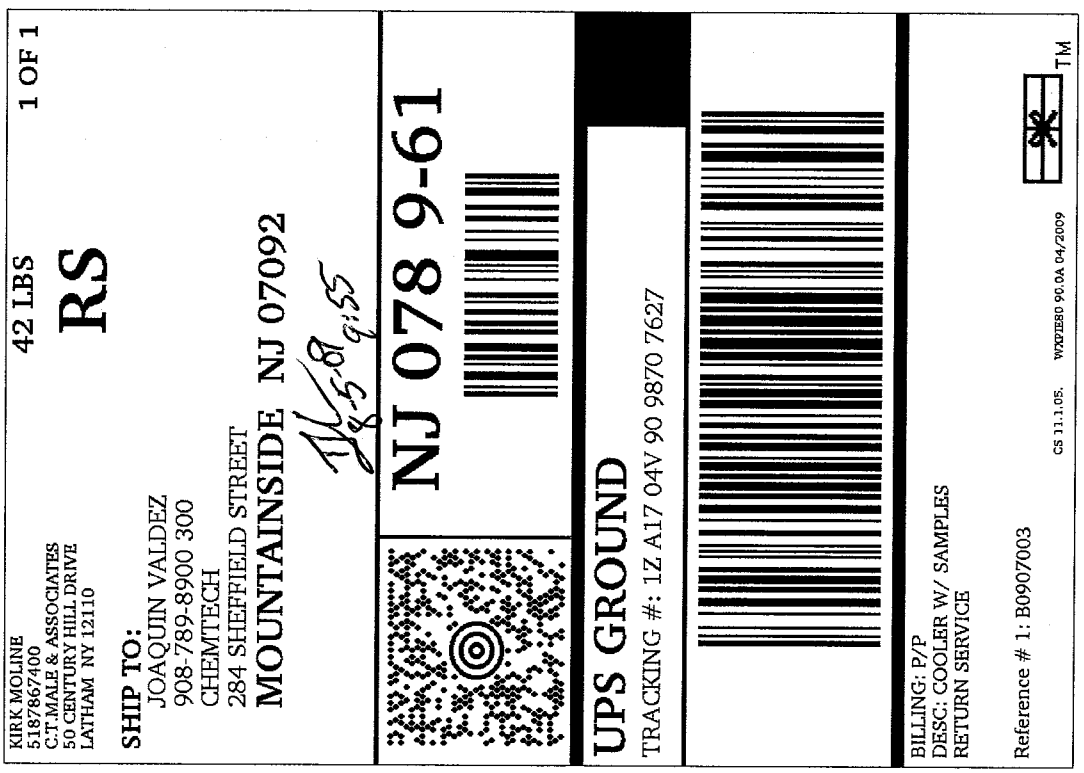
1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

END OF ANALYTICAL RESULTS

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : OLD TROY MUNICIPAL INCINERATOR

C.T. MALE & ASSOCIATES

50 CENTURY HILL DRIVE

LATHAM, NY - 12110

Phone No: 5187867400

ORDER ID : A3816

ATTENTION : Kirk Moline

Table of Contents for A3816(SEMIVOLATILES DATA)

SEMI-VOLATILE DATA 7

SEMI-VOLATILE QC DATA..... 8

SEMI-VOLATILE SAMPLE DATA 45

SEMI-VOLATILE CALIBRATION DATA 360

SEMI-VOLATILE RAW QC DATA 439

SEMI-VOLATILE MISCELLANEOUSDATA 562

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END OF ANALYTICAL RESULTS.....615

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3816

Project ID : Old Troy Municipal Incinerator

Client : C.T. Male & Associates

Lab Sample Number	Client Sample Number
A3816-01	SBM-7
A3816-02	A3816-01MS
A3816-03	A3816-01MSD
A3816-04	SBM-1
A3816-05	SBM-8
A3816-06	FDSS080309
A3816-07	SBM-2
A3816-08	SBM-11
A3816-09	SBM-12
A3816-10	SBM-4
A3816-11	SBM-3
A3816-12	SBM-5
A3816-13	SBM-9
A3816-14	EB080309
A3816-15	SBM-10
A3816-16	SBM-6
A3816-17	SBM-6-S-2
A3816-18	SBM-3-S-1
A3816-19	SBM-4-S-1
A3816-20	SBM-2-S-3
A3816-21	SBM-9-S-1
A3816-22	SBM-1-S-2

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA F using GC Column RTX-5 SILMS which is 20 meters, 0.18 mm ID, 0.36 um df, Catalog # 42704.
The analysis of SVOC-TCL BNA -20 was based on method 8270 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis indicated presence of Dimethylphthalate(140 ug/kg and 230 ug/Kg) in file id BF030340.D and BF030382.D due to possible lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

SBM-8 was re-extracted because of low recovery of the surrogate. SBM-8 was re-extracted because of low recovery of the surrogate . Original data for that sample file id BF030346.D with is reported in Miscellaneous data.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Result Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U. This is the detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the compound was analyzed for but was not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L, and a concentration of 3ug/L was calculated, report as 3 J.
B	Indicates the analyte was found in the blank as well as the sample.
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected Aldol-condensation product.

CHEMTECH

SEMI-VOLATILE DATA

CHEMTECH

SEMI-VOLATILE QC DATA

CHEMTECH

-2D-

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Chemtech Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 () #	S8 () #	TOT OUT
01	PB43894B	75	79	80	91	85	91			0
02	PB43894BS	83	85	88	100	90	99			0
03	SBM-7	83	86	88	92	88	85			0
04	SBM-7MS	84	86	89	94	88	95			0
05	SBM-7MSD	83	84	86	92	88	90			0
06	SBM-1	89	90	93	101	94	97			0
08	FDSS080309	88	90	93	100	95	99			0
09	SBM-2	87	89	92	104	96	105			0
10	SBM-11	87	90	96	102	100	100			0
11	SBM-12	83	84	89	99	92	100			0
12	SBM-4	85	86	90	92	91	88			0
13	SBM-3	90	90	94	102	96	104			0
14	SBM-5	83	86	92	100	96	103			0
15	SBM-6-S-2	69	75	80	76	73	79			0
16	SBM-3-S-1	91	91	96	105	97	110			0
17	SBM-4-S-1	86	87	93	101	95	105			0
18	SBM-2-S-3	87	88	92	100	96	103			0
19	SBM-9-S-1	82	83	89	102	94	106			0
20	SBM-1-S-2	83	86	92	102	94	104			0
21	SBM-10	86	86	94	99	95	95			0
22	SBM-9	102	107	104	129	115	126			0
23	SBM-6	92	96	97	126	103	117			0
01	PB43919B	80	82	87	98	89	97			0
02	PB43919BS	85	86	92	102	89	106			0
03	SBM-8	83	83	91	94	89	95			0
16	SB-01(12-14)MS	87	89	96	94	88	97			0
17	SB-01(12-14)MSD	84	85	91	88	86	89			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(45-122)
S2 (PHL) = Phenol-d5	(47-123)
S3 (NBZ) = Nitrobenzene-d5	(49-130)
S4 (FBP) = 2-Fluorobiphenyl	(46-155)
S5 (TBP) = 2,4,6-Tribromophenol	(49-130)
S6 (TPH) = Terphenyl-d14	(52-163)
S7 () =	
S8 () =	

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

CHEMTECH

-2C-

WATER SEMIVOLATILE SURROGATE RECOVE

Lab Name: Chemtech Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 () #	S8 () #	TOT OUT
01	EB080309	46	29	102	111	101	113			0
02	PB43887B	48	31	99	107	102	114			0
03	PB43887BS	48	33	99	105	95	112			0
04	PB43887BSD	47	31	96	104	97	107			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(15-130)
S2 (PHL) = Phenol-d5	(10-130)
S3 (NBZ) = Nitrobenzene-d5	(26-140)
S4 (FBP) = 2-Fluorobiphenyl	(37-146)
S5 (TBP) = 2,4,6-Tribromophenol	(26-140)
S6 (TPH) = Terphenyl-d14	(45-146)
S7 () =	
S8 () =	

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-04

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
Benzaldehyde	1900	0	420	22	(11-130)
Phenol	1900	0	1600	84	(57-113)
bis(2-Chloroethyl)ether	1900	0	1600	84	(58-119)
2-Chlorophenol	1900	0	1600	84	(56-116)
2-Methylphenol	1900	0	1600	84	(58-115)
2,2-oxybis(1-Chloropropane)	1900	0	1600	84	(53-120)
Acetophenone	1900	0	1600	84	(62-117)
3+4-Methylphenols	1900	0	1600	84	(58-116)
n-Nitroso-di-n-propylamine	1900	0	1500	79	(57-121)
Hexachloroethane	1900	0	1400	74	(44-122)
Nitrobenzene	1900	0	1600	84	(53-119)
Isophorone	1900	0	1600	84	(58-121)
2-Nitrophenol	1900	0	1700	89	(46-117)
2,4-Dimethylphenol	1900	0	1700	89	(52-119)
bis(2-Chloroethoxy)methane	1900	0	1600	84	(55-122)
2,4-Dichlorophenol	1900	0	1600	84	(51-120)
Naphthalene	1900	0	1500	79	(46-137)
4-Chloroaniline	1900	0	1100	58	(16-130)
Hexachlorobutadiene	1900	0	1400	74	(53-116)
Caprolactam	1900	0	1400	74	(44-125)
4-Chloro-3-methylphenol	1900	0	1600	84	(55-116)
2-Methylnaphthalene	1900	0	1500	79	(54-122)
Hexachlorocyclopentadiene	3700	0	2300	62	(13-105)
2,4,6-Trichlorophenol	1900	0	1600	84	(48-114)
2,4,5-Trichlorophenol	1900	0	1600	84	(55-118)
1,1-Biphenyl	1900	0	1500	79	(61-117)
2-Chloronaphthalene	1900	0	1500	79	(58-118)
2-Nitroaniline	1900	0	1600	84	(57-122)
Dimethylphthalate	1900	380	2000	85	(64-118)
Acenaphthylene	1900	0	1500	79	(49-134)
2,6-Dinitrotoluene	1900	0	1600	84	(56-115)
3-Nitroaniline	1900	0	1300	68	(29-130)
Acenaphthene	1900	0	1500	79	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-04

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
2,4-Dinitrophenol	3700	0	780	21	(13-144)
4-Nitrophenol	3700	0	3300	89	(31-130)
Dibenzofuran	1900	0	1500	79	(54-128)
2,4-Dinitrotoluene	1900	0	1600	84	(53-115)
Diethylphthalate	1900	0	1500	79	(61-118)
4-Chlorophenyl-phenylether	1900	0	1500	79	(58-118)
Fluorene	1900	0	1500	79	(42-141)
4-Nitroaniline	1900	0	1500	79	(42-118)
4,6-Dinitro-2-methylphenol	1900	0	1100	58	(18-126)
n-Nitrosodiphenylamine	1900	0	1500	79	(57-126)
4-Bromophenyl-phenylether	1900	0	1600	84	(56-119)
Hexachlorobenzene	1900	0	1500	79	(58-117)
Atrazine	1900	0	1600	84	(54-119)
Pentachlorophenol	3700	0	2800	76	(31-123)
Phenanthrene	1900	82	1600	80	(50-129)
Anthracene	1900	0	1500	79	(49-136)
Carbazole	1900	0	1500	79	(56-129)
Di-n-butylphthalate	1900	0	1500	79	(60-120)
Fluoranthene	1900	130	1600	77	(47-133)
Pyrene	1900	120	1700	83	(47-148)
Butylbenzylphthalate	1900	0	1600	84	(62-125)
3,3-Dichlorobenzidine	1900	0	1400	74	(20-105)
Benzo(a)anthracene	1900	66	1600	81	(49-137)
Chrysene	1900	72	1500	75	(47-142)
Bis(2-ethylhexyl)phthalate	1900	0	1700	89	(59-139)
Di-n-octyl phthalate	1900	0	1700	89	(55-132)
Benzo(b)fluoranthene	1900	82	1600	80	(46-146)
Benzo(k)fluoranthene	1900	39	1700	87	(49-142)
Benzo(a)pyrene	1900	61	1600	81	(48-135)
Indeno(1,2,3-cd)pyrene	1900	0	1300	68	(17-154)
Dibenzo(a,h)anthracene	1900	0	1600	84	(39-125)
Benzo(g,h,i)perylene	1900	43	1700	87	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-05

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	1900	420	22	0	50	(11-130)
Phenol	1900	1600	84	0	50	(57-113)
bis(2-Chloroethyl)ether	1900	1600	84	0	50	(58-119)
2-Chlorophenol	1900	1600	84	0	50	(56-116)
2-Methylphenol	1900	1600	84	0	50	(58-115)
2,2-oxybis(1-Chloropropane)	1900	1600	84	0	50	(53-120)
Acetophenone	1900	1500	79	6	50	(62-117)
3+4-Methylphenols	1900	1600	84	0	50	(58-116)
n-Nitroso-di-n-propylamine	1900	1500	79	0	50	(57-121)
Hexachloroethane	1900	1400	74	0	50	(44-122)
Nitrobenzene	1900	1600	84	0	50	(53-119)
Isophorone	1900	1600	84	0	50	(58-121)
2-Nitrophenol	1900	1600	84	6	50	(46-117)
2,4-Dimethylphenol	1900	1600	84	6	50	(52-119)
bis(2-Chloroethoxy)methane	1900	1600	84	0	50	(55-122)
2,4-Dichlorophenol	1900	1600	84	0	50	(51-120)
Naphthalene	1900	1500	79	0	50	(46-137)
4-Chloroaniline	1900	980	52	11	50	(16-130)
Hexachlorobutadiene	1900	1500	79	7	50	(53-116)
Caprolactam	1900	1600	84	13	50	(44-125)
4-Chloro-3-methylphenol	1900	1600	84	0	50	(55-116)
2-Methylnaphthalene	1900	1500	79	0	50	(54-122)
Hexachlorocyclopentadiene	3700	2300	62	0	50	(13-105)
2,4,6-Trichlorophenol	1900	1600	84	0	50	(48-114)
2,4,5-Trichlorophenol	1900	1600	84	0	50	(55-118)
1,1-Biphenyl	1900	1500	79	0	50	(61-117)
2-Chloronaphthalene	1900	1500	79	0	50	(58-118)
2-Nitroaniline	1900	1600	84	0	50	(57-122)
Dimethylphthalate	1900	1900	80	6	50	(64-118)
Acenaphthylene	1900	1500	79	0	50	(49-134)
2,6-Dinitrotoluene	1900	1600	84	0	50	(56-115)
3-Nitroaniline	1900	1300	68	0	50	(29-130)
Acenaphthene	1900	1500	79	0	50	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-05

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
2,4-Dinitrophenol	3700	1000	27	25	50	(13-144)
4-Nitrophenol	3700	3400	92	3	50	(31-130)
Dibenzofuran	1900	1500	79	0	50	(54-128)
2,4-Dinitrotoluene	1900	1600	84	0	50	(53-115)
Diethylphthalate	1900	1600	84	6	50	(61-118)
4-Chlorophenyl-phenylether	1900	1500	79	0	50	(58-118)
Fluorene	1900	1500	79	0	50	(42-141)
4-Nitroaniline	1900	1500	79	0	50	(42-118)
4,6-Dinitro-2-methylphenol	1900	1300	68	16	50	(18-126)
n-Nitrosodiphenylamine	1900	1600	84	6	50	(57-126)
4-Bromophenyl-phenylether	1900	1500	79	6	50	(56-119)
Hexachlorobenzene	1900	1500	79	0	50	(58-117)
Atrazine	1900	1600	84	0	50	(54-119)
Pentachlorophenol	3700	3000	81	6	50	(31-123)
Phenanthrene	1900	1600	80	0	50	(50-129)
Anthracene	1900	1500	79	0	50	(49-136)
Carbazole	1900	1500	79	0	50	(56-129)
Di-n-butylphthalate	1900	1500	79	0	50	(60-120)
Fluoranthene	1900	1600	77	0	50	(47-133)
Pyrene	1900	1700	83	0	50	(47-148)
Butylbenzylphthalate	1900	1600	84	0	50	(62-125)
3,3-Dichlorobenzidine	1900	1400	74	0	50	(20-105)
Benzo(a)anthracene	1900	1600	81	0	50	(49-137)
Chrysene	1900	1500	75	0	50	(47-142)
Bis(2-ethylhexyl)phthalate	1900	1600	84	6	50	(59-139)
Di-n-octyl phthalate	1900	1600	84	6	50	(55-132)
Benzo(b)fluoranthene	1900	1600	80	0	50	(46-146)
Benzo(k)fluoranthene	1900	1600	82	6	50	(49-142)
Benzo(a)pyrene	1900	1600	81	0	50	(48-135)
Indeno(1,2,3-cd)pyrene	1900	1400	74	8	50	(17-154)
Dibenzo(a,h)anthracene	1900	1600	84	0	50	(39-125)
Benzo(g,h,i)perylene	1900	1700	87	0	50	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-02

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
Benzaldehyde	2000	0	450	23	(11-130)
Phenol	2000	45	1800	88	(57-113)
bis(2-Chloroethyl)ether	2000	0	1700	85	(58-119)
2-Chlorophenol	2000	0	1700	85	(56-116)
2-Methylphenol	2000	0	1700	85	(58-115)
2,2-oxybis(1-Chloropropane)	2000	0	1700	85	(53-120)
Acetophenone	2000	0	1600	80	(62-117)
3+4-Methylphenols	2000	0	1700	85	(58-116)
n-Nitroso-di-n-propylamine	2000	0	1700	85	(57-121)
Hexachloroethane	2000	0	1600	80	(44-122)
Nitrobenzene	2000	0	1700	85	(53-119)
Isophorone	2000	0	1700	85	(58-121)
2-Nitrophenol	2000	0	1700	85	(46-117)
2,4-Dimethylphenol	2000	0	1800	90	(52-119)
bis(2-Chloroethoxy)methane	2000	0	1700	85	(55-122)
2,4-Dichlorophenol	2000	0	1700	85	(51-120)
Naphthalene	2000	0	1700	85	(46-137)
4-Chloroaniline	2000	0	1400	70	(16-130)
Hexachlorobutadiene	2000	0	1600	80	(53-116)
Caprolactam	2000	0	1700	85	(44-125)
4-Chloro-3-methylphenol	2000	0	1700	85	(55-116)
2-Methylnaphthalene	2000	0	1700	85	(54-122)
Hexachlorocyclopentadiene	4100	0	3000	73	(13-105)
2,4,6-Trichlorophenol	2000	0	1600	80	(48-114)
2,4,5-Trichlorophenol	2000	0	1700	85	(55-118)
1,1-Biphenyl	2000	0	1600	80	(61-117)
2-Chloronaphthalene	2000	0	1600	80	(58-118)
2-Nitroaniline	2000	0	1700	85	(57-122)
Dimethylphthalate	2000	390	2000	81	(64-118)
Acenaphthylene	2000	0	1600	80	(49-134)
2,6-Dinitrotoluene	2000	0	1700	85	(56-115)
3-Nitroaniline	2000	0	1500	75	(29-130)
Acenaphthene	2000	0	1600	80	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-02

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
2,4-Dinitrophenol	4100	0	2600	63	(13-144)
4-Nitrophenol	4100	0	3800	93	(31-130)
Dibenzofuran	2000	0	1600	80	(54-128)
2,4-Dinitrotoluene	2000	0	1700	85	(53-115)
Diethylphthalate	2000	0	1700	85	(61-118)
4-Chlorophenyl-phenylether	2000	0	1600	80	(58-118)
Fluorene	2000	0	1600	80	(42-141)
4-Nitroaniline	2000	0	1700	85	(42-118)
4,6-Dinitro-2-methylphenol	2000	0	1900	95	(18-126)
n-Nitrosodiphenylamine	2000	0	1600	80	(57-126)
4-Bromophenyl-phenylether	2000	0	1700	85	(56-119)
Hexachlorobenzene	2000	0	1700	85	(58-117)
Atrazine	2000	0	1700	85	(54-119)
Pentachlorophenol	4100	0	3300	80	(31-123)
Phenanthrene	2000	0	1700	85	(50-129)
Anthracene	2000	0	1700	85	(49-136)
Carbazole	2000	0	1700	85	(56-129)
Di-n-butylphthalate	2000	0	1700	85	(60-120)
Fluoranthene	2000	0	1700	85	(47-133)
Pyrene	2000	0	1600	80	(47-148)
Butylbenzylphthalate	2000	0	1700	85	(62-125)
3,3-Dichlorobenzidine	2000	0	1400	70	(20-105)
Benzo(a)anthracene	2000	0	1600	80	(49-137)
Chrysene	2000	0	1600	80	(47-142)
Bis(2-ethylhexyl)phthalate	2000	0	1700	85	(59-139)
Di-n-octyl phthalate	2000	0	1700	85	(55-132)
Benzo(b)fluoranthene	2000	0	1700	85	(46-146)
Benzo(k)fluoranthene	2000	0	1600	80	(49-142)
Benzo(a)pyrene	2000	0	1600	80	(48-135)
Indeno(1,2,3-cd)pyrene	2000	0	1600	80	(17-154)
Dibenzo(a,h)anthracene	2000	0	1600	80	(39-125)
Benzo(g,h,i)perylene	2000	0	1600	80	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-03

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	2000	460	23	0	50	(11-130)
Phenol	2000	1800	88	0	50	(57-113)
bis(2-Chloroethyl)ether	2000	1700	85	0	50	(58-119)
2-Chlorophenol	2000	1700	85	0	50	(56-116)
2-Methylphenol	2000	1700	85	0	50	(58-115)
2,2-oxybis(1-Chloropropane)	2000	1700	85	0	50	(53-120)
Acetophenone	2000	1700	85	6	50	(62-117)
3+4-Methylphenols	2000	1700	85	0	50	(58-116)
n-Nitroso-di-n-propylamine	2000	1700	85	0	50	(57-121)
Hexachloroethane	2000	1500	75	6	50	(44-122)
Nitrobenzene	2000	1600	80	6	50	(53-119)
Isophorone	2000	1700	85	0	50	(58-121)
2-Nitrophenol	2000	1700	85	0	50	(46-117)
2,4-Dimethylphenol	2000	1800	90	0	50	(52-119)
bis(2-Chloroethoxy)methane	2000	1700	85	0	50	(55-122)
2,4-Dichlorophenol	2000	1700	85	0	50	(51-120)
Naphthalene	2000	1700	85	0	50	(46-137)
4-Chloroaniline	2000	1400	70	0	50	(16-130)
Hexachlorobutadiene	2000	1600	80	0	50	(53-116)
Caprolactam	2000	1700	85	0	50	(44-125)
4-Chloro-3-methylphenol	2000	1700	85	0	50	(55-116)
2-Methylnaphthalene	2000	1700	85	0	50	(54-122)
Hexachlorocyclopentadiene	4100	3000	73	0	50	(13-105)
2,4,6-Trichlorophenol	2000	1700	85	6	50	(48-114)
2,4,5-Trichlorophenol	2000	1700	85	0	50	(55-118)
1,1-Biphenyl	2000	1600	80	0	50	(61-117)
2-Chloronaphthalene	2000	1600	80	0	50	(58-118)
2-Nitroaniline	2000	1700	85	0	50	(57-122)
Dimethylphthalate	2000	2000	81	0	50	(64-118)
Acenaphthylene	2000	1600	80	0	50	(49-134)
2,6-Dinitrotoluene	2000	1700	85	0	50	(56-115)
3-Nitroaniline	2000	1500	75	0	50	(29-130)
Acenaphthene	2000	1600	80	0	50	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-03

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
2,4-Dinitrophenol	4100	2600	63	0	50	(13-144)
4-Nitrophenol	4100	3900	95	2	50	(31-130)
Dibenzofuran	2000	1600	80	0	50	(54-128)
2,4-Dinitrotoluene	2000	1700	85	0	50	(53-115)
Diethylphthalate	2000	1700	85	0	50	(61-118)
4-Chlorophenyl-phenylether	2000	1700	85	6	50	(58-118)
Fluorene	2000	1700	85	6	50	(42-141)
4-Nitroaniline	2000	1800	90	6	50	(42-118)
4,6-Dinitro-2-methylphenol	2000	1800	90	5	50	(18-126)
n-Nitrosodiphenylamine	2000	1600	80	0	50	(57-126)
4-Bromophenyl-phenylether	2000	1600	80	6	50	(56-119)
Hexachlorobenzene	2000	1600	80	6	50	(58-117)
Atrazine	2000	1600	80	6	50	(54-119)
Pentachlorophenol	4100	3200	78	3	50	(31-123)
Phenanthrene	2000	1600	80	6	50	(50-129)
Anthracene	2000	1600	80	6	50	(49-136)
Carbazole	2000	1600	80	6	50	(56-129)
Di-n-butylphthalate	2000	1600	80	6	50	(60-120)
Fluoranthene	2000	1600	80	6	50	(47-133)
Pyrene	2000	1600	80	0	50	(47-148)
Butylbenzylphthalate	2000	1600	80	6	50	(62-125)
3,3-Dichlorobenzidine	2000	1400	70	0	50	(20-105)
Benzo(a)anthracene	2000	1600	80	0	50	(49-137)
Chrysene	2000	1600	80	0	50	(47-142)
Bis(2-ethylhexyl)phthalate	2000	1600	80	6	50	(59-139)
Di-n-octyl phthalate	2000	1700	85	0	50	(55-132)
Benzo(b)fluoranthene	2000	1600	80	6	50	(46-146)
Benzo(k)fluoranthene	2000	1500	75	6	50	(49-142)
Benzo(a)pyrene	2000	1600	80	0	50	(48-135)
Indeno(1,2,3-cd)pyrene	2000	1500	75	6	50	(17-154)
Dibenzo(a,h)anthracene	2000	1500	75	6	50	(39-125)
Benzo(g,h,i)perylene	2000	1500	75	6	50	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BS

COMPOUND	SPIKE ADDED (ug/L)	CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
Benzaldehyde	50		14	28	(12-130)
Phenol	50		16	32	(13-130)
bis(2-Chloroethyl)ether	50		44	88	(53-112)
2-Chlorophenol	50		37	74	(58-130)
2-Methylphenol	50		33	66	(48-130)
2,2-oxybis(1-Chloropropane)	50		43	86	(58-106)
Acetophenone	50		46	92	(67-106)
3+4-Methylphenols	50		30	60	(41-130)
n-Nitroso-di-n-propylamine	50		46	92	(61-108)
Hexachloroethane	50		35	70	(48-130)
Nitrobenzene	50		45	90	(52-112)
Isophorone	50		47	94	(62-110)
2-Nitrophenol	50		45	90	(61-110)
2,4-Dimethylphenol	50		44	88	(44-104)
bis(2-Chloroethoxy)methane	50		47	94	(60-110)
2,4-Dichlorophenol	50		43	86	(55-110)
Naphthalene	50		41	82	(54-103)
4-Chloroaniline	50		35	70	(25-101)
Hexachlorobutadiene	50		38	76	(46-100)
Caprolactam	50		10	20	(11-130)
4-Chloro-3-methylphenol	50		42	84	(65-104)
2-Methylnaphthalene	50		42	84	(61-103)
Hexachlorocyclopentadiene	100		68	68	(35-130)
2,4,6-Trichlorophenol	50		45	90	(66-110)
2,4,5-Trichlorophenol	50		45	90	(67-112)
1,1-Biphenyl	50		42	84	(67-105)
2-Chloronaphthalene	50		42	84	(63-106)
2-Nitroaniline	50		47	94	(72-113)
Dimethylphthalate	50		47	94	(26-119)
Acenaphthylene	50		44	88	(63-107)
2,6-Dinitrotoluene	50		47	94	(74-111)
3-Nitroaniline	50		44	88	(42-104)
Acenaphthene	50		44	88	(62-107)
2,4-Dinitrophenol	100		77	77	(43-117)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 3 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BS

COMPOUND	SPIKE ADDED (ug/L)	CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	100		39	39	(12-130)
Dibenzofuran	50		44	88	(70-106)
2,4-Dinitrotoluene	50		49	98	(77-113)
Diethylphthalate	50		48	96	(63-110)
4-Chlorophenyl-phenylether	50		45	90	(71-109)
Fluorene	50		44	88	(66-110)
4-Nitroaniline	50		48	96	(75-113)
4,6-Dinitro-2-methylphenol	50		48	96	(68-129)
n-Nitrosodiphenylamine	50		47	94	(73-110)
4-Bromophenyl-phenylether	50		47	94	(73-113)
Hexachlorobenzene	50		46	92	(60-121)
Atrazine	50		48	96	(73-120)
Pentachlorophenol	100		89	89	(63-112)
Phenanthrene	50		47	94	(67-114)
Anthracene	50		47	94	(69-111)
Carbazole	50		47	94	(79-115)
Di-n-butylphthalate	50		49	98	(80-113)
Fluoranthene	50		47	94	(72-116)
Pyrene	50		48	96	(73-117)
Butylbenzylphthalate	50		50	100	(76-118)
3,3-Dichlorobenzidine	50		45	90	(49-112)
Benzo(a)anthracene	50		48	96	(66-122)
Chrysene	50		48	96	(68-122)
Bis(2-ethylhexyl)phthalate	50		50	100	(79-120)
Di-n-octyl phthalate	50		50	100	(77-120)
Benzo(b)fluoranthene	50		52	104	(65-132)
Benzo(k)fluoranthene	50		50	100	(68-124)
Benzo(a)pyrene	50		49	98	(69-125)
Indeno(1,2,3-cd)pyrene	50		40	80	(60-128)
Dibenzo(a,h)anthracene	50		45	90	(62-132)
Benzo(g,h,i)perylene	50		46	92	(68-124)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 3 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	50	13	26		0	(12-130)
Phenol	50	15	30		0	(13-130)
bis(2-Chloroethyl)ether	50	42	84		0	(53-112)
2-Chlorophenol	50	36	72		0	(58-130)
2-Methylphenol	50	32	64		0	(48-130)
2,2-oxybis(1-Chloropropane)	50	41	82		0	(58-106)
Acetophenone	50	44	88		0	(67-106)
3+4-Methylphenols	50	29	58		0	(41-130)
n-Nitroso-di-n-propylamine	50	45	90		0	(61-108)
Hexachloroethane	50	33	66		0	(48-130)
Nitrobenzene	50	43	86		0	(52-112)
Isophorone	50	45	90		0	(62-110)
2-Nitrophenol	50	43	86		0	(61-110)
2,4-Dimethylphenol	50	42	84		0	(44-104)
bis(2-Chloroethoxy)methane	50	45	90		0	(60-110)
2,4-Dichlorophenol	50	41	82		0	(55-110)
Naphthalene	50	38	76		0	(54-103)
4-Chloroaniline	50	36	72		0	(25-101)
Hexachlorobutadiene	50	34	68		0	(46-100)
Caprolactam	50	9.5	19		0	(11-130)
4-Chloro-3-methylphenol	50	41	82		0	(65-104)
2-Methylnaphthalene	50	39	78		0	(61-103)
Hexachlorocyclopentadiene	100	63	63		0	(35-130)
2,4,6-Trichlorophenol	50	44	88		0	(66-110)
2,4,5-Trichlorophenol	50	44	88		0	(67-112)
1,1-Biphenyl	50	40	80		0	(67-105)
2-Chloronaphthalene	50	40	80		0	(63-106)
2-Nitroaniline	50	48	96		0	(72-113)
Dimethylphthalate	50	47	94		0	(26-119)
Acenaphthylene	50	42	84		0	(63-107)
2,6-Dinitrotoluene	50	47	94		0	(74-111)
3-Nitroaniline	50	45	90		0	(42-104)
Acenaphthene	50	42	84		0	(62-107)
2,4-Dinitrophenol	100	78	78		0	(43-117)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 Out of 0 outside limits

Spike Recovery : 3 Out of 78 outside limits

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
4-Nitrophenol	100	36	36		0	(12-130)
Dibenzofuran	50	43	86		0	(70-106)
2,4-Dinitrotoluene	50	49	98		0	(77-113)
Diethylphthalate	50	48	96		0	(63-110)
4-Chlorophenyl-phenylether	50	44	88		0	(71-109)
Fluorene	50	44	88		0	(66-110)
4-Nitroaniline	50	47	94		0	(75-113)
4,6-Dinitro-2-methylphenol	50	48	96		0	(68-129)
n-Nitrosodiphenylamine	50	44	88		0	(73-110)
4-Bromophenyl-phenylether	50	45	90		0	(73-113)
Hexachlorobenzene	50	44	88		0	(60-121)
Atrazine	50	46	92		0	(73-120)
Pentachlorophenol	100	86	86		0	(63-112)
Phenanthrene	50	44	88		0	(67-114)
Anthracene	50	44	88		0	(69-111)
Carbazole	50	45	90		0	(79-115)
Di-n-butylphthalate	50	47	94		0	(80-113)
Fluoranthene	50	44	88		0	(72-116)
Pyrene	50	46	92		0	(73-117)
Butylbenzylphthalate	50	47	94		0	(76-118)
3,3-Dichlorobenzidine	50	46	92		0	(49-112)
Benzo(a)anthracene	50	46	92		0	(66-122)
Chrysene	50	45	90		0	(68-122)
Bis(2-ethylhexyl)phthalate	50	47	94		0	(79-120)
Di-n-octyl phthalate	50	47	94		0	(77-120)
Benzo(b)fluoranthene	50	51	102		0	(65-132)
Benzo(k)fluoranthene	50	49	98		0	(68-124)
Benzo(a)pyrene	50	47	94		0	(69-125)
Indeno(1,2,3-cd)pyrene	50	38	76		0	(60-128)
Dibenzo(a,h)anthracene	50	44	88		0	(62-132)
Benzo(g,h,i)perylene	50	44	88		0	(68-124)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 3 Out of 78 outside limits

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43894BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
Benzaldehyde	1700		360	21	(11-130)
Phenol	1700		1400	82	(61-101)
bis(2-Chloroethyl)ether	1700		1400	82	(59-103)
2-Chlorophenol	1700		1400	82	(62-100)
2-Methylphenol	1700		1400	82	(62-101)
2,2-oxybis(1-Chloropropane)	1700		1400	82	(57-105)
Acetophenone	1700		1300	76	(61-103)
3+4-Methylphenols	1700		1400	82	(63-100)
n-Nitroso-di-n-propylamine	1700		1400	82	(61-103)
Hexachloroethane	1700		1300	76	(55-101)
Nitrobenzene	1700		1300	76	(60-103)
Isophorone	1700		1400	82	(62-103)
2-Nitrophenol	1700		1400	82	(62-105)
2,4-Dimethylphenol	1700		1500	88	(63-130)
bis(2-Chloroethoxy)methane	1700		1400	82	(62-104)
2,4-Dichlorophenol	1700		1400	82	(63-102)
Naphthalene	1700		1400	82	(61-103)
4-Chloroaniline	1700		960	56	(10-130)
Hexachlorobutadiene	1700		1300	76	(58-104)
Caprolactam	1700		1300	76	(48-103)
4-Chloro-3-methylphenol	1700		1400	82	(65-102)
2-Methylnaphthalene	1700		1400	82	(63-101)
Hexachlorocyclopentadiene	3300		2400	73	(54-100)
2,4,6-Trichlorophenol	1700		1400	82	(63-102)
2,4,5-Trichlorophenol	1700		1400	82	(63-103)
1,1-Biphenyl	1700		1300	76	(64-100)
2-Chloronaphthalene	1700		1300	76	(64-102)
2-Nitroaniline	1700		1400	82	(64-107)
Dimethylphthalate	1700		1600	94	(66-103)
Acenaphthylene	1700		1400	82	(64-103)
2,6-Dinitrotoluene	1700		1400	82	(65-104)
3-Nitroaniline	1700		1100	65	(28-130)
Acenaphthene	1700		1400	82	(64-103)
2,4-Dinitrophenol	3300		2100	64	(38-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 1 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43894BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	3300		3000	91	(56-103)
Dibenzofuran	1700		1400	82	(67-100)
2,4-Dinitrotoluene	1700		1400	82	(65-105)
Diethylphthalate	1700		1400	82	(65-102)
4-Chlorophenyl-phenylether	1700		1400	82	(65-102)
Fluorene	1700		1400	82	(65-103)
4-Nitroaniline	1700		1400	82	(57-102)
4,6-Dinitro-2-methylphenol	1700		1400	82	(53-111)
n-Nitrosodiphenylamine	1700		1300	76	(64-105)
4-Bromophenyl-phenylether	1700		1400	82	(62-108)
Hexachlorobenzene	1700		1400	82	(63-106)
Atrazine	1700		1300	76	(54-112)
Pentachlorophenol	3300		2600	79	(58-104)
Phenanthrene	1700		1400	82	(65-103)
Anthracene	1700		1400	82	(65-103)
Carbazole	1700		1400	82	(64-106)
Di-n-butylphthalate	1700		1400	82	(67-105)
Fluoranthene	1700		1400	82	(64-106)
Pyrene	1700		1400	82	(68-107)
Butylbenzylphthalate	1700		1400	82	(68-111)
3,3-Dichlorobenzidine	1700		1000	59	(28-130)
Benzo(a)anthracene	1700		1400	82	(66-103)
Chrysene	1700		1300	76	(68-105)
Bis(2-ethylhexyl)phthalate	1700		1400	82	(70-109)
Di-n-octyl phthalate	1700		1400	82	(67-111)
Benzo(b)fluoranthene	1700		1400	82	(64-109)
Benzo(k)fluoranthene	1700		1300	76	(66-107)
Benzo(a)pyrene	1700		1400	82	(66-107)
Indeno(1,2,3-cd)pyrene	1700		1400	82	(61-108)
Dibenzo(a,h)anthracene	1700		1400	82	(63-108)
Benzo(g,h,i)perylene	1700		1400	82	(64-108)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43919BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
Benzaldehyde	1700		380	22	(11-130)
Phenol	1700		1400	82	(61-101)
bis(2-Chloroethyl)ether	1700		1400	82	(59-103)
2-Chlorophenol	1700		1400	82	(62-100)
2-Methylphenol	1700		1400	82	(62-101)
2,2-oxybis(1-Chloropropane)	1700		1400	82	(57-105)
Acetophenone	1700		1400	82	(61-103)
3+4-Methylphenols	1700		1400	82	(63-100)
n-Nitroso-di-n-propylamine	1700		1400	82	(61-103)
Hexachloroethane	1700		1300	76	(55-101)
Nitrobenzene	1700		1400	82	(60-103)
Isophorone	1700		1400	82	(62-103)
2-Nitrophenol	1700		1400	82	(62-105)
2,4-Dimethylphenol	1700		1500	88	(63-130)
bis(2-Chloroethoxy)methane	1700		1500	88	(62-104)
2,4-Dichlorophenol	1700		1400	82	(63-102)
Naphthalene	1700		1400	82	(61-103)
4-Chloroaniline	1700		950	56	(10-130)
Hexachlorobutadiene	1700		1400	82	(58-104)
Caprolactam	1700		1300	76	(48-103)
4-Chloro-3-methylphenol	1700		1500	88	(65-102)
2-Methylnaphthalene	1700		1400	82	(63-101)
Hexachlorocyclopentadiene	3300		2400	73	(54-100)
2,4,6-Trichlorophenol	1700		1400	82	(63-102)
2,4,5-Trichlorophenol	1700		1400	82	(63-103)
1,1-Biphenyl	1700		1400	82	(64-100)
2-Chloronaphthalene	1700		1400	82	(64-102)
2-Nitroaniline	1700		1400	82	(64-107)
Dimethylphthalate	1700		1600	94	(66-103)
Acenaphthylene	1700		1400	82	(64-103)
2,6-Dinitrotoluene	1700		1400	82	(65-104)
3-Nitroaniline	1700		1100	65	(28-130)
Acenaphthene	1700		1400	82	(64-103)
2,4-Dinitrophenol	3300		1900	58	(38-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 1 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43919BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	3300		3000	91	(56-103)
Dibenzofuran	1700		1400	82	(67-100)
2,4-Dinitrotoluene	1700		1500	88	(65-105)
Diethylphthalate	1700		1500	88	(65-102)
4-Chlorophenyl-phenylether	1700		1400	82	(65-102)
Fluorene	1700		1400	82	(65-103)
4-Nitroaniline	1700		1400	82	(57-102)
4,6-Dinitro-2-methylphenol	1700		1400	82	(53-111)
n-Nitrosodiphenylamine	1700		1400	82	(64-105)
4-Bromophenyl-phenylether	1700		1400	82	(62-108)
Hexachlorobenzene	1700		1400	82	(63-106)
Atrazine	1700		1400	82	(54-112)
Pentachlorophenol	3300		2700	82	(58-104)
Phenanthrene	1700		1400	82	(65-103)
Anthracene	1700		1400	82	(65-103)
Carbazole	1700		1400	82	(64-106)
Di-n-butylphthalate	1700		1500	88	(67-105)
Fluoranthene	1700		1400	82	(64-106)
Pyrene	1700		1500	88	(68-107)
Butylbenzylphthalate	1700		1500	88	(68-111)
3,3-Dichlorobenzidine	1700		1200	71	(28-130)
Benzo(a)anthracene	1700		1400	82	(66-103)
Chrysene	1700		1400	82	(68-105)
Bis(2-ethylhexyl)phthalate	1700		1500	88	(70-109)
Di-n-octyl phthalate	1700		1500	88	(67-111)
Benzo(b)fluoranthene	1700		1500	88	(64-109)
Benzo(k)fluoranthene	1700		1600	94	(66-107)
Benzo(a)pyrene	1700		1400	82	(66-107)
Indeno(1,2,3-cd)pyrene	1700		1200	71	(61-108)
Dibenzo(a,h)anthracene	1700		1300	76	(63-108)
Benzo(g,h,i)perylene	1700		1400	82	(64-108)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

Comments:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43887B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030377.D Lab Sample ID: PB43887B

Instrument ID: BNAF Date Extracted: 08/06/2009

Matrix: (soil/water) WATER Date Analyzed: 08/07/2009

Level: (low/med) LOW Time Analyzed: 13:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB080309	A3816-14	BF030376.D	08/07/2009
PB43887BS	PB43887BS	BF030378.D	08/07/2009
PB43887BSD	PB43887BSD	BF030379.D	08/07/2009

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43894B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030340.D Lab Sample ID: PB43894B

Instrument ID: BNAF Date Extracted: 08/06/2009

Matrix: (soil/water) SOIL Date Analyzed: 08/06/2009

Level: (low/med) LOW Time Analyzed: 15:18

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB43894BS	PB43894BS	BF030341.D	08/06/2009
SBM-7	A3816-01	BF030342.D	08/06/2009
SBM-7MS	A3816-02MS	BF030343.D	08/06/2009
SBM-7MSD	A3816-03MSD	BF030344.D	08/06/2009
SBM-1	A3816-04	BF030345.D	08/06/2009
FDSS080309	A3816-06	BF030347.D	08/06/2009
SBM-2	A3816-07	BF030348.D	08/06/2009
SBM-11	A3816-08	BF030349.D	08/06/2009
SBM-12	A3816-09	BF030350.D	08/06/2009
SBM-4	A3816-10	BF030351.D	08/06/2009
SBM-3	A3816-11	BF030352.D	08/06/2009
SBM-5	A3816-12	BF030353.D	08/06/2009
SBM-6-S-2	A3816-17	BF030354.D	08/06/2009
SBM-3-S-1	A3816-18	BF030355.D	08/06/2009
SBM-4-S-1	A3816-19	BF030356.D	08/06/2009
SBM-2-S-3	A3816-20	BF030357.D	08/06/2009
SBM-9-S-1	A3816-21	BF030358.D	08/06/2009
SBM-1-S-2	A3816-22	BF030359.D	08/06/2009
SBM-10	A3816-15	BF030360.D	08/07/2009
SBM-9	A3816-13	BF030361.D	08/07/2009
SBM-6	A3816-16	BF030362.D	08/07/2009

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43919B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030382.D Lab Sample ID: PB43919B

Instrument ID: BNAF Date Extracted: 08/07/2009

Matrix: (soil/water) SOIL Date Analyzed: 08/07/2009

Level: (low/med) LOW Time Analyzed: 15:32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB43919BS	PB43919BS	BF030383.D	08/07/2009
SBM-8	A3816-05	BF030384.D	08/07/2009
SB-01(12-14)MS	A3828-04MS	BF030397.D	08/07/2009
SB-01(12-14)MSD	A3828-05MSD	BF030398.D	08/07/2009

COMMENTS:

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030271.D DFTPP Injection Date: 08/04/2009

Instrument ID: BNAF DFTPP Injection Time: 13:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.3 (1) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	40.0 - 60.0% of mass 198	45.2
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	18.7
365	Greater than 1% of mass 198	1.6
441	Present, but less than mass 443	9.4
442	Greater than 40% of mass 198	59.8
443	17.0 - 23.0% of mass 442	12.2 (20.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD040	40 ng BNA ICC	BF030272.D	08/04/2009	14:00
02	SSTD010	10 ng BNA ICC	BF030273.D	08/04/2009	14:36
03	SSTD025	25 ng BNA ICC	BF030274.D	08/04/2009	15:03
04	SSTD050	50 ng BNA ICC	BF030275.D	08/04/2009	15:31
05	SSTD060	60 ng BNA ICC	BF030276.D	08/04/2009	15:59
06	SSTD080	80 ng BNA ICC	BF030277.D	08/04/2009	16:26

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030338.D DFTPP Injection Date: 08/06/2009

Instrument ID: BNAF DFTPP Injection Time: 14:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.3 (1.2) 1
127	40.0 - 60.0% of mass 198	43.5
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	19.6
365	Greater than 1% of mass 198	1.6
441	Present, but less than mass 443	10.2
442	Greater than 40% of mass 198	66.5
443	17.0 - 23.0% of mass 442	13.4 (20.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD040	40 ng BNA CCC	BF030339.D	08/06/2009	14:51
02	PB43894B	PB43894B	BF030340.D	08/06/2009	15:18
03	PB43894BS	PB43894BS	BF030341.D	08/06/2009	15:46
04	SBM-7	A3816-01	BF030342.D	08/06/2009	16:13
05	SBM-7MS	A3816-02MS	BF030343.D	08/06/2009	16:40
06	SBM-7MSD	A3816-03MSD	BF030344.D	08/06/2009	17:08
07	SBM-1	A3816-04	BF030345.D	08/06/2009	17:35
08	FDSS080309	A3816-06	BF030347.D	08/06/2009	18:30
09	SBM-2	A3816-07	BF030348.D	08/06/2009	18:57
10	SBM-11	A3816-08	BF030349.D	08/06/2009	19:25
11	SBM-12	A3816-09	BF030350.D	08/06/2009	19:52
12	SBM-4	A3816-10	BF030351.D	08/06/2009	20:19
13	SBM-3	A3816-11	BF030352.D	08/06/2009	20:47
14	SBM-5	A3816-12	BF030353.D	08/06/2009	21:14
15	SBM-6-S-2	A3816-17	BF030354.D	08/06/2009	21:41
16	SBM-3-S-1	A3816-18	BF030355.D	08/06/2009	22:08
17	SBM-4-S-1	A3816-19	BF030356.D	08/06/2009	22:36
18	SBM-2-S-3	A3816-20	BF030357.D	08/06/2009	23:03
19	SBM-9-S-1	A3816-21	BF030358.D	08/06/2009	23:31

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030338.D DFTPP Injection Date: 08/06/2009

Instrument ID: BNAF DFTPP Injection Time: 14:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.3 (1.2) 1
127	40.0 - 60.0% of mass 198	43.5
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	19.6
365	Greater than 1% of mass 198	1.6
441	Present, but less than mass 443	10.2
442	Greater than 40% of mass 198	66.5
443	17.0 - 23.0% of mass 442	13.4 (20.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
20	SBM-1-S-2	A3816-22	BF030359.D	08/06/2009	23:58
21	SBM-10	A3816-15	BF030360.D	08/07/2009	00:25
22	SBM-9	A3816-13	BF030361.D	08/07/2009	00:52
23	SBM-6	A3816-16	BF030362.D	08/07/2009	01:20

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030367.D DFTPP Injection Date: 08/07/2009

Instrument ID: BNAF DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	32.7
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.3 (0.9) 1
127	40.0 - 60.0% of mass 198	44.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.5
365	Greater than 1% of mass 198	2
441	Present, but less than mass 443	10.2
442	Greater than 40% of mass 198	68.2
443	17.0 - 23.0% of mass 442	12.8 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD040	40 ng BNA CCC	BF030368.D	08/07/2009	09:08
02	EB080309	A3816-14	BF030376.D	08/07/2009	12:48
03	PB43887B	PB43887B	BF030377.D	08/07/2009	13:15
04	PB43887BS	PB43887BS	BF030378.D	08/07/2009	13:43
05	PB43887BSD	PB43887BSD	BF030379.D	08/07/2009	14:10

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030380.D DFTPP Injection Date: 08/07/2009

Instrument ID: BNAF DFTPP Injection Time: 14:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	28.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	40.0 - 60.0% of mass 198	44.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 30.0% of mass 198	19.9
365	Greater than 1% of mass 198	1.8
441	Present, but less than mass 443	10.8
442	Greater than 40% of mass 198	70.9
443	17.0 - 23.0% of mass 442	14.1 (19.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD040	40 ng BNA CCC	BF030381.D	08/07/2009	15:05
02	PB43919B	PB43919B	BF030382.D	08/07/2009	15:32
03	PB43919BS	PB43919BS	BF030383.D	08/07/2009	16:17
04	SBM-8	A3816-05	BF030384.D	08/07/2009	16:45
05	SB-01(12-14)MS	A3828-04MS	BF030397.D	08/07/2009	22:37
06	SB-01(12-14)MSD	A3828-05MSD	BF030398.D	08/07/2009	23:04

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	89272	4.78	331187	5.94	169944	7.62
	UPPER LIMIT	178544	5.28	662374	6.44	339888	8.12
	LOWER LIMIT	44636	4.28	165593.5	5.44	84972	7.12
	EPA SAMPLE NO.						
01	FDSS080309	93495	4.78	347551	5.93	177193	7.62
02	SBM-2	93312	4.78	346386	5.93	175188	7.62
03	SBM-11	90478	4.78	326444	5.93	165668	7.62
04	SBM-12	94581	4.78	344218	5.93	175434	7.62
05	SBM-4	97609	4.78	355507	5.93	181510	7.62
06	SBM-3	89720	4.78	335159	5.93	168949	7.62
07	SBM-5	95162	4.78	342430	5.93	178085	7.62
08	SBM-9	83780	4.78	309898	5.94	156993	7.62
09	SBM-10	92696	4.78	333257	5.93	167566	7.62
10	SBM-6	95049	4.78	344202	5.93	168180	7.62
11	SBM-6-S-2	92448	4.78	344631	5.93	172859	7.62
12	SBM-3-S-1	94603	4.78	347412	5.94	179562	7.62
13	SBM-4-S-1	96224	4.78	349247	5.93	177672	7.62
14	SBM-2-S-3	94746	4.78	347943	5.93	178532	7.62
15	SBM-9-S-1	99041	4.78	355281	5.93	179731	7.62
16	SBM-1-S-2	92389	4.78	338414	5.93	172007	7.62
17	SBM-7	93169	4.78	349707	5.93	183215	7.62
18	SBM-7MS	99908	4.78	370881	5.94	194374	7.62
19	SBM-7MSD	96077	4.78	354815	5.94	181966	7.62
20	SBM-1	95168	4.78	355742	5.93	183611	7.62
21	PB43894B	99972	4.78	372198	5.93	194237	7.62
22	PB43894BS	96413	4.78	360420	5.94	186062	7.62

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	89272	4.78	331187	5.94	169944	7.62
UPPER LIMIT	178544	5.28	662374	6.44	339888	8.12
LOWER LIMIT	44636	4.28	165593.5	5.44	84972	7.12
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	280967	9.27	249325	12.46	224357	14.32
	UPPER LIMIT	561934	9.77	498650	12.96	448714	14.82
	LOWER LIMIT	140483.5	8.77	124662.5	11.96	112178.5	13.82
	EPA SAMPLE NO.						
01	FDSS080309	289163	9.27	244760	12.46	204830	14.32
02	SBM-2	289251	9.27	240792	12.46	205146	14.32
03	SBM-11	270468	9.27	228684	12.46	194966	14.32
04	SBM-12	288334	9.27	238583	12.46	203410	14.32
05	SBM-4	297743	9.27	240521	12.46	201587	14.32
06	SBM-3	277933	9.27	234402	12.46	196250	14.32
07	SBM-5	292224	9.27	244397	12.46	204494	14.32
08	SBM-9	261067	9.27	233158	12.46	184754	14.32
09	SBM-10	279379	9.27	232462	12.46	193096	14.32
10	SBM-6	262872	9.27	221633	12.46	166253	14.32
11	SBM-6-S-2	292874	9.27	242506	12.46	205730	14.32
12	SBM-3-S-1	295101	9.27	238574	12.46	198083	14.32
13	SBM-4-S-1	291402	9.27	235536	12.46	199233	14.32
14	SBM-2-S-3	290073	9.27	235788	12.46	200632	14.32
15	SBM-9-S-1	296311	9.27	240461	12.46	201364	14.32
16	SBM-1-S-2	286877	9.27	235089	12.46	194277	14.32
17	SBM-7	305046	9.27	264862	12.46	231736	14.32
18	SBM-7MS	313467	9.28	267063	12.46	239364	14.32
19	SBM-7MSD	306432	9.27	260018	12.46	234173	14.32
20	SBM-1	304854	9.27	263624	12.46	224572	14.32
21	PB43894B	326433	9.27	284304	12.46	242301	14.32

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	280967	9.27	249325	12.46	224357	14.32
	UPPER LIMIT	561934	9.77	498650	12.96	448714	14.82
	LOWER LIMIT	140483.5	8.77	124662.5	11.96	112178.5	13.82
	EPA SAMPLE NO.						
22	PB43894BS	304135	9.27	259220	12.46	226153	14.32

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030368.D Time Analyzed: 09:08

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83456	4.78	301326	5.94	154089	7.62
	UPPER LIMIT	166912	5.28	602652	6.44	308178	8.12
	LOWER LIMIT	41728	4.28	150663	5.44	77044.5	7.12
	EPA SAMPLE NO.						
01	PB43887B	88361	4.78	320192	5.94	160689	7.62
02	PB43887BS	95007	4.78	344395	5.94	177208	7.62
03	PB43887BSD	89766	4.78	332304	5.94	168131	7.62
04	EB080309	95491	4.78	343586	5.93	175535	7.62

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030368.D Time Analyzed: 09:08

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	257935	9.27	230228	12.46	185509	14.32
	UPPER LIMIT	515870	9.77	460456	12.96	371018	14.82
	LOWER LIMIT	128967.5	8.77	115114	11.96	92754.5	13.82
	EPA SAMPLE NO.						
01	PB43887B	268860	9.27	219512	12.46	164576	14.32
02	PB43887BS	278595	9.28	226437	12.46	183534	14.32
03	PB43887BSD	274592	9.28	224364	12.46	177220	14.32
04	EB080309	289064	9.27	245759	12.46	187688	14.32

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	87402	4.78	322466	5.94	165591	7.62
	UPPER LIMIT	174804	5.28	644932	6.44	331182	8.12
	LOWER LIMIT	43701	4.28	161233	5.44	82795.5	7.12
	EPA SAMPLE NO.						
01	SB-01(12-14)MS	107369	4.78	387342	5.94	193132	7.62
02	SB-01(12-14)MSD	109903	4.78	399476	5.94	196364	7.62
03	SBM-8	97407	4.78	351758	5.93	182856	7.62
04	PB43919B	89999	4.78	333124	5.94	169420	7.62
05	PB43919BS	94770	4.78	345701	5.94	178499	7.62

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	87402	4.78	322466	5.94	165591	7.62
UPPER LIMIT	174804	5.28	644932	6.44	331182	8.12
LOWER LIMIT	43701	4.28	161233	5.44	82795.5	7.12
EPA SAMPLE NO.						

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	270420	9.28	228485	12.46	178750	14.32
	UPPER LIMIT	540840	9.78	456970	12.96	357500	14.82
	LOWER LIMIT	135210	8.78	114242.5	11.96	89375	13.82
	EPA SAMPLE NO.						
01	SB-01(12-14)MS	302017	9.28	235468	12.46	176314	14.32
02	SB-01(12-14)MSD	303575	9.28	237897	12.46	178676	14.32
03	SBM-8	303806	9.27	243378	12.46	186520	14.32
04	PB43919B	282791	9.27	241191	12.46	182843	14.32
05	PB43919BS	284765	9.28	229082	12.47	183504	14.33

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	270420	9.28	228485	12.46	178750	14.32
UPPER LIMIT	540840	9.78	456970	12.96	357500	14.82
LOWER LIMIT	135210	8.78	114242.5	11.96	89375	13.82
EPA SAMPLE NO.						

CHEMTECH

SEMI-VOLATILE SAMPLE DATA

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	45	J
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
65794-96-9	3+4-Methylphenols	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
92-52-4	1,1-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	390	JB
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

Comments:

CHEMTECH

-1F-

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

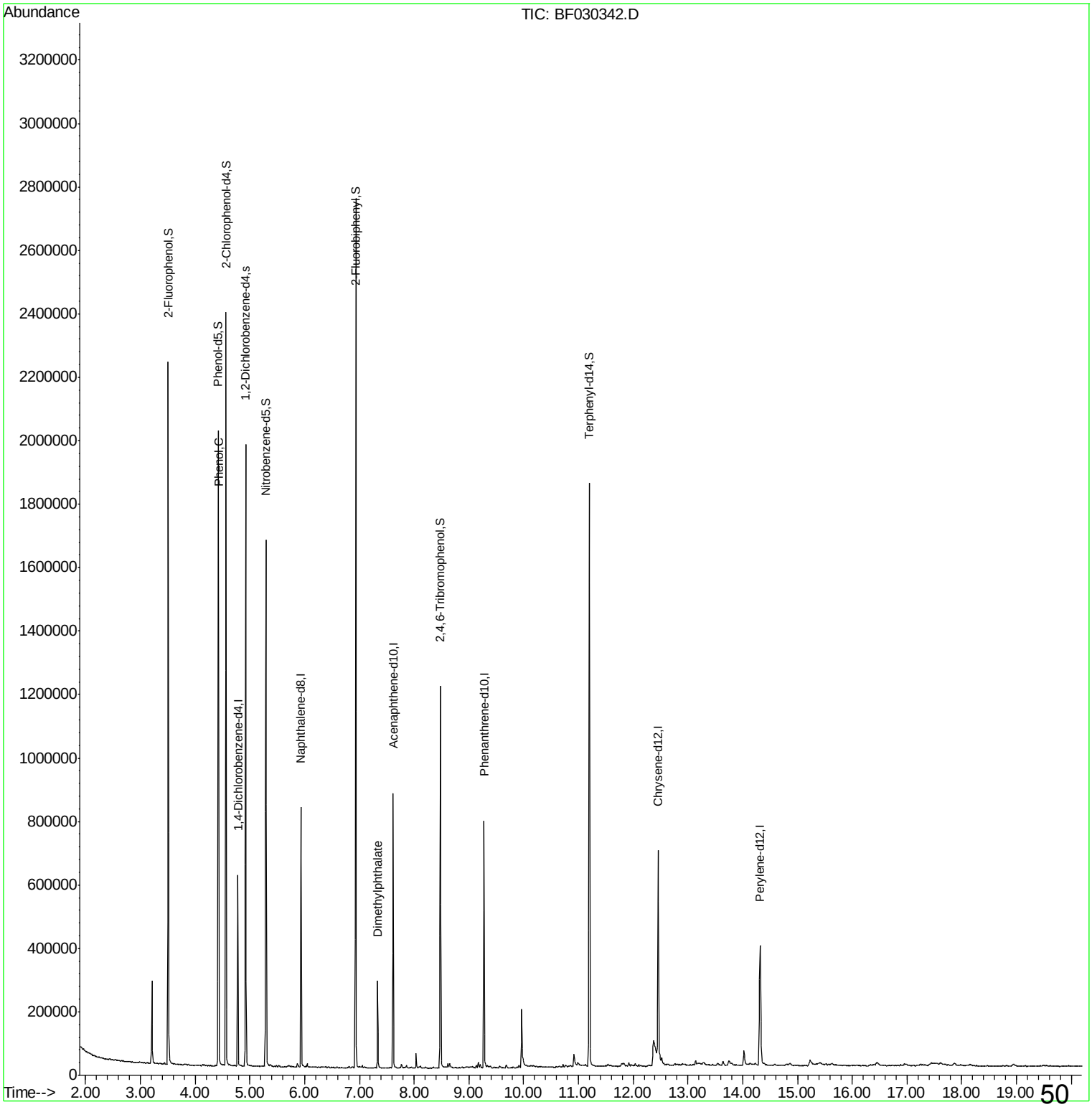
Number TICS found: 4

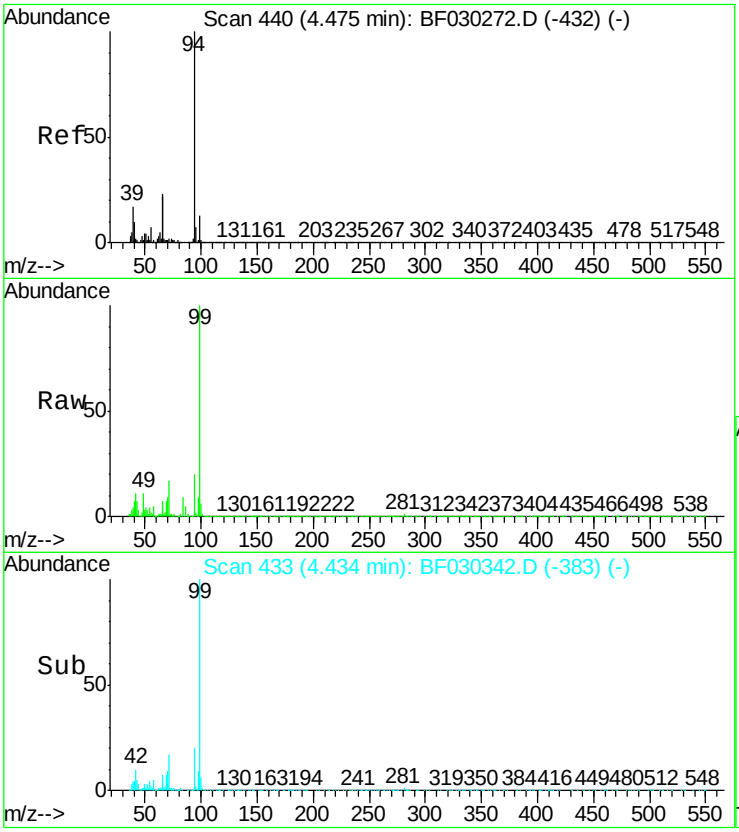
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.96	270	J
593-50-0	1-Triacontanol	12.37	320	JB
646-31-1	Tetracosane	14.02	110	J

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 22:59:21 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

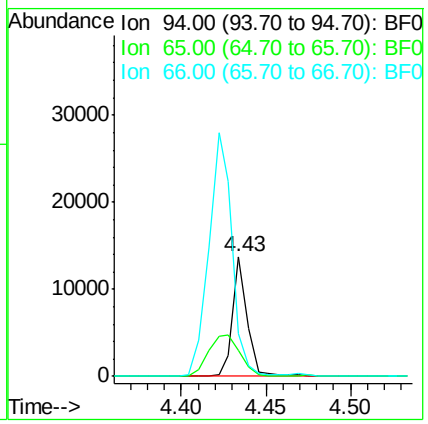


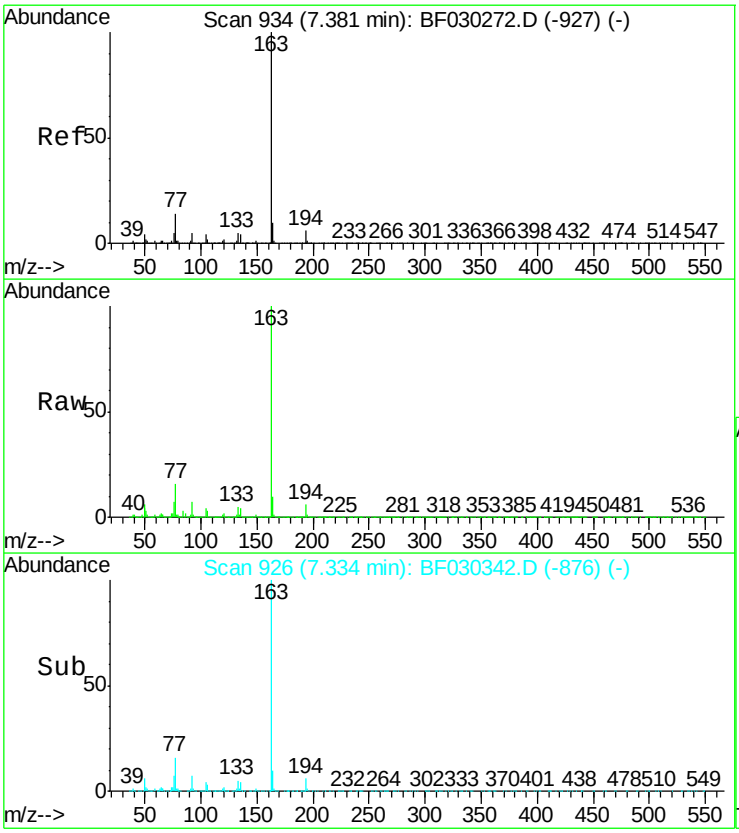


#10
Phenol
Concen: 1.12 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030342.D
Acq: 6 Aug 2009 16:13

Tgt Ion: 94 Resp: 8250

Ion	Ratio	Lower	Upper
94	100		
65	21.6	7.3	47.3
66	35.4	15.5	55.5

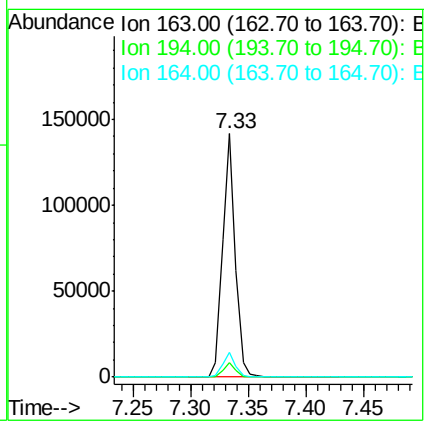




#51
Dimethylphthalate
Concen: 9.49 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030342.D
Acq: 6 Aug 2009 16:13

Tgt Ion:163 Resp: 107715

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.5	6.7
164	10.1	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 22:59:21 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	93169	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	349707	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	183215	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	305046	20.00	ng	0.00
77) Chrysene-d12	12.46	240	264862	20.00	ng	0.00
88) Perylene-d12	14.32	264	231736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	652309	124.99	ng	0.00
7) Phenol-d5	4.42	99	836893	129.00	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	636320	130.03	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	314652	98.46	ng	0.00
25) Nitrobenzene-d5	5.29	82	434656	88.22	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	149851	131.33	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	839890	91.53	ng	0.00
80) Terphenyl-d14	11.20	244	684703	85.08	ng	0.00
Target Compounds						Qvalue
10) Phenol	4.43	94	8250	1.12	ng	95
51) Dimethylphthalate	7.33	163	107715	9.49	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

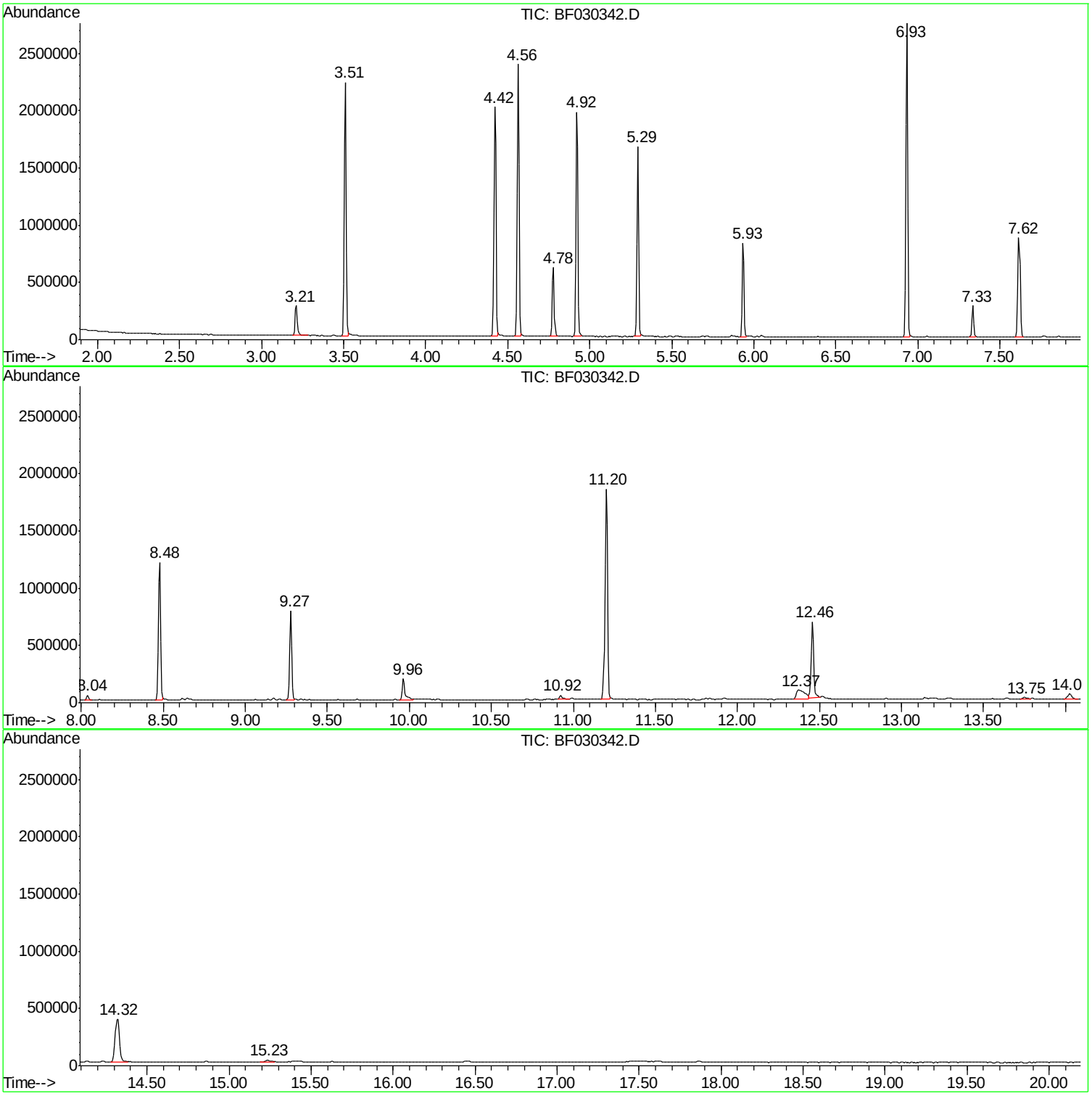
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	221	225	237	rVB	262093	259637	11.82%	1.370%
2	3.510	272	276	279	rBV	2213410	1843407	83.90%	9.724%
3	4.422	427	431	434	rBV	2001427	1856081	84.47%	9.791%
4	4.563	451	455	458	rBV	2374582	1950942	88.79%	10.291%
5	4.781	488	492	495	rBV	600987	472839	21.52%	2.494%
6	4.922	513	516	520	rBV	1954739	1617885	73.63%	8.534%
7	5.293	575	579	582	rBV	1659120	1229640	55.96%	6.486%
8	5.934	685	688	692	rBV	817805	636163	28.95%	3.356%
9	6.934	854	858	861	rBV	2740246	2197234	100.00%	11.590%
10	7.334	923	926	929	rBV	272902	207173	9.43%	1.093%
11	7.616	970	974	978	rBV	865804	723860	32.94%	3.818%
12	8.039	1043	1046	1050	rVB	46457	38466	1.75%	0.203%
13	8.481	1116	1121	1124	rBV	1202960	1172936	53.38%	6.187%
14	9.275	1252	1256	1260	rBV	779063	709143	32.27%	3.741%
15	9.963	1369	1373	1383	rBV2	185283	232034	10.56%	1.224%
16	10.922	1533	1536	1545	rBV2	35579	51582	2.35%	0.272%
17	11.198	1578	1583	1587	rBV	1835643	1942368	88.40%	10.246%
18	12.374	1778	1783	1793	rBV5	80130	285438	12.99%	1.506%
19	12.457	1793	1797	1805	rVB	663726	734438	33.43%	3.874%
20	13.751	2012	2017	2023	rBV6	14235	29158	1.33%	0.154%
21	14.021	2058	2063	2072	rBV	46305	83131	3.78%	0.439%
22	14.316	2107	2113	2124	rBV	376199	631883	28.76%	3.333%
23	15.233	2262	2269	2276	rBV5	20013	52370	2.38%	0.276%

Sum of corrected areas: 18957808

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

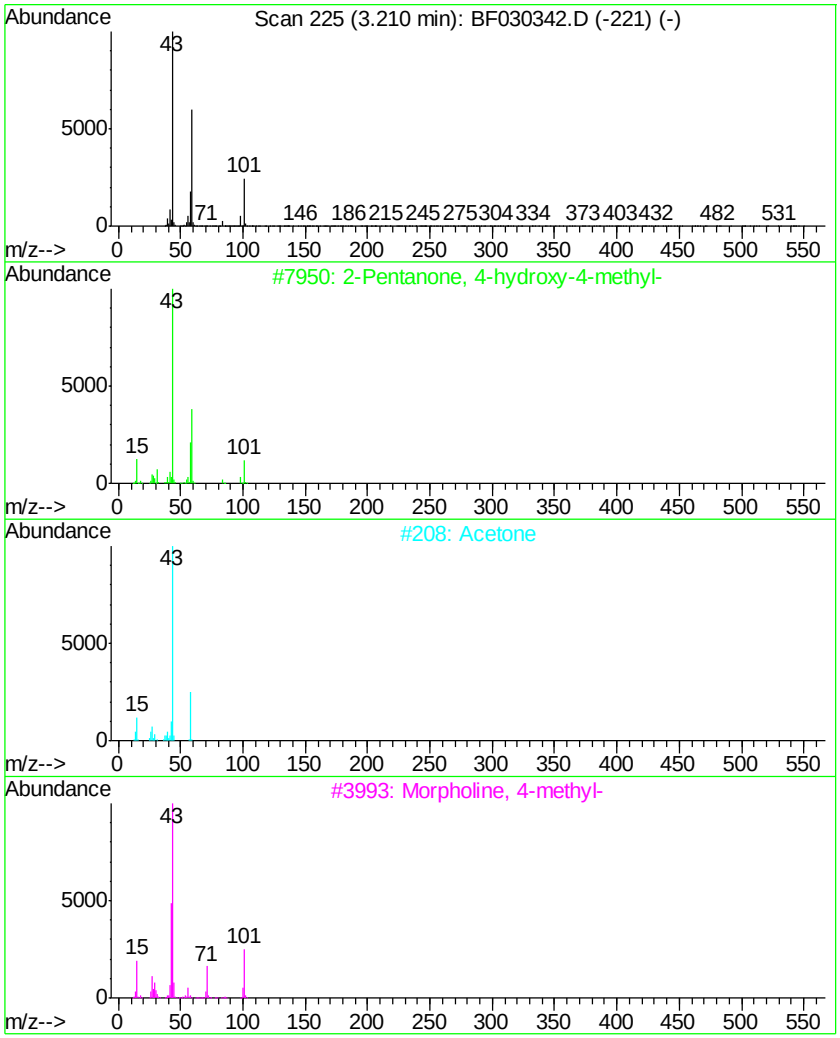
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TIC Integration Parameters: LSCINT.P

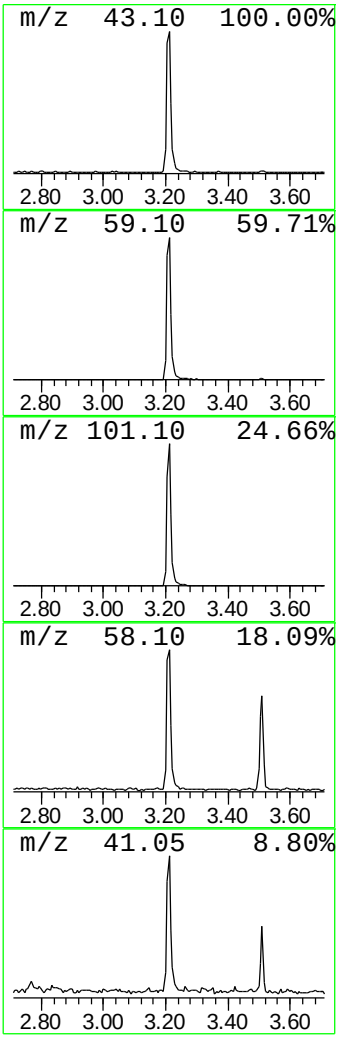
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.98 ng	259637	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetone	58	C3H6O	000067-64-1	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

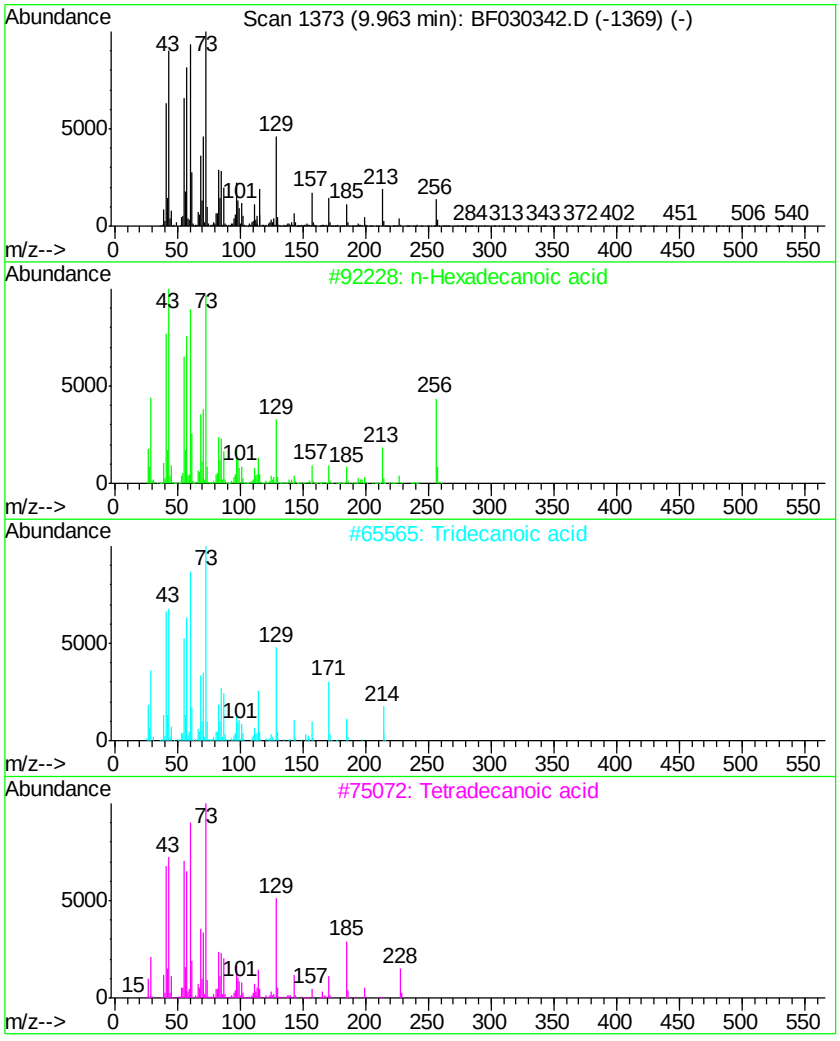
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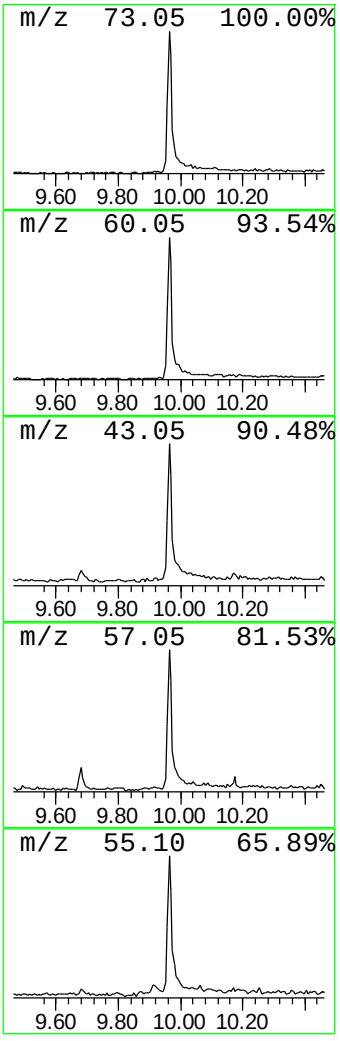
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.54 ng	232034	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

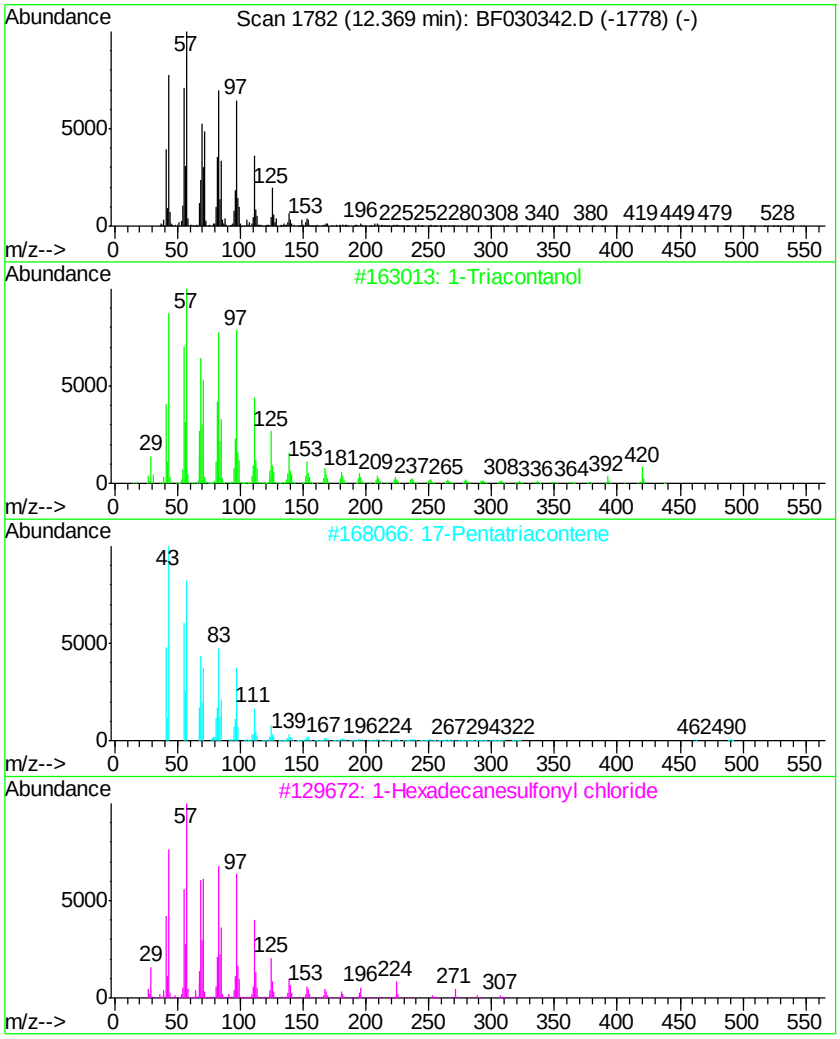
TIC Library : C:\DATABASE\NIST02.L
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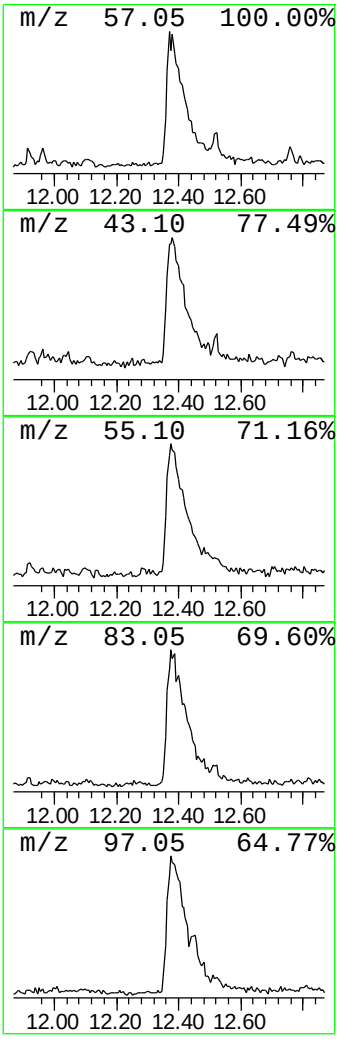
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Peak Number 3 1-Triacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.77 ng	285438	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	96
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
4	Cyclotriacontane	420	C30H60	000297-35-8	72
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030342.D
Acq On : 6 Aug 2009 16:13
Operator : QM
Sample : A3816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

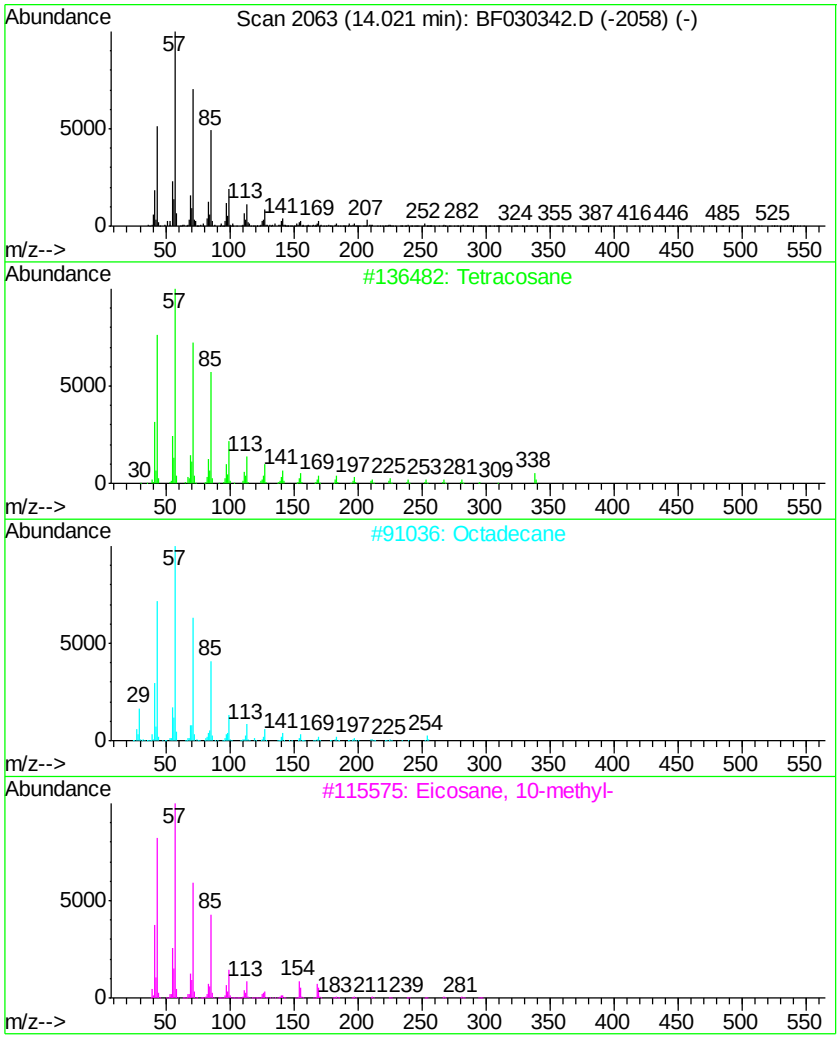
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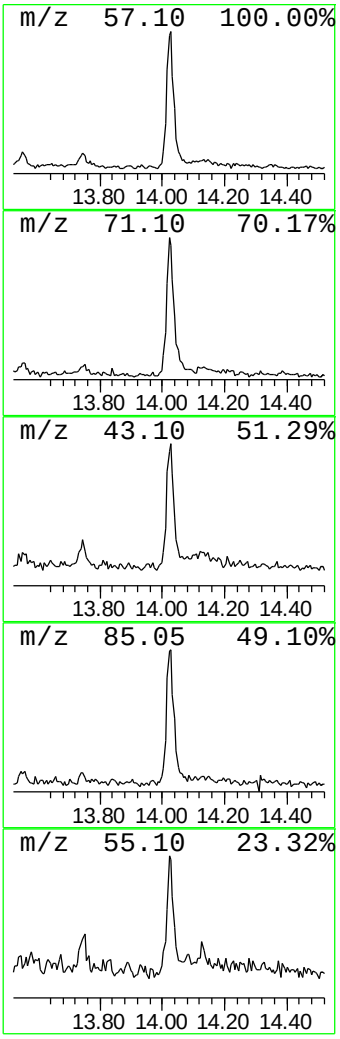
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Peak Number 4 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.63 ng	83131	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	450	U
108-95-2	Phenol	67	J
111-44-4	bis(2-Chloroethyl)ether	450	U
95-57-8	2-Chlorophenol	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	2,2-oxybis(1-Chloropropane)	450	U
98-86-2	Acetophenone	450	U
65794-96-9	3+4-Methylphenols	450	U
621-64-7	N-Nitroso-di-n-propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxy)methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
91-20-3	Naphthalene	450	U
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
105-60-2	Caprolactam	450	U
59-50-7	4-Chloro-3-methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	450	U
92-52-4	1,1-Biphenyl	450	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	450	U
131-11-3	Dimethylphthalate	490	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U
99-09-2	3-Nitroaniline	450	U
83-32-9	Acenaphthene	450	U
51-28-5	2,4-Dinitrophenol	450	U
100-02-7	4-Nitrophenol	450	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	450	U
534-52-1	4,6-Dinitro-2-methylphenol	450	U
86-30-6	N-Nitrosodiphenylamine	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
118-74-1	Hexachlorobenzene	450	U
1912-24-9	Atrazine	450	U
87-86-5	Pentachlorophenol	450	U
85-01-8	Phenanthrene	450	U
120-12-7	Anthracene	450	U
86-74-8	Carbazole	450	U
84-74-2	Di-n-butylphthalate	450	U
206-44-0	Fluoranthene	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3-Dichlorobenzidine	450	U
56-55-3	Benzo(a)anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)phthalate	450	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	450	U
205-99-2	Benzo(b)fluoranthene	450	U
207-08-9	Benzo(k)fluoranthene	450	U
50-32-8	Benzo(a)pyrene	450	U
193-39-5	Indeno(1,2,3-cd)pyrene	450	U
53-70-3	Dibenz(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	450	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

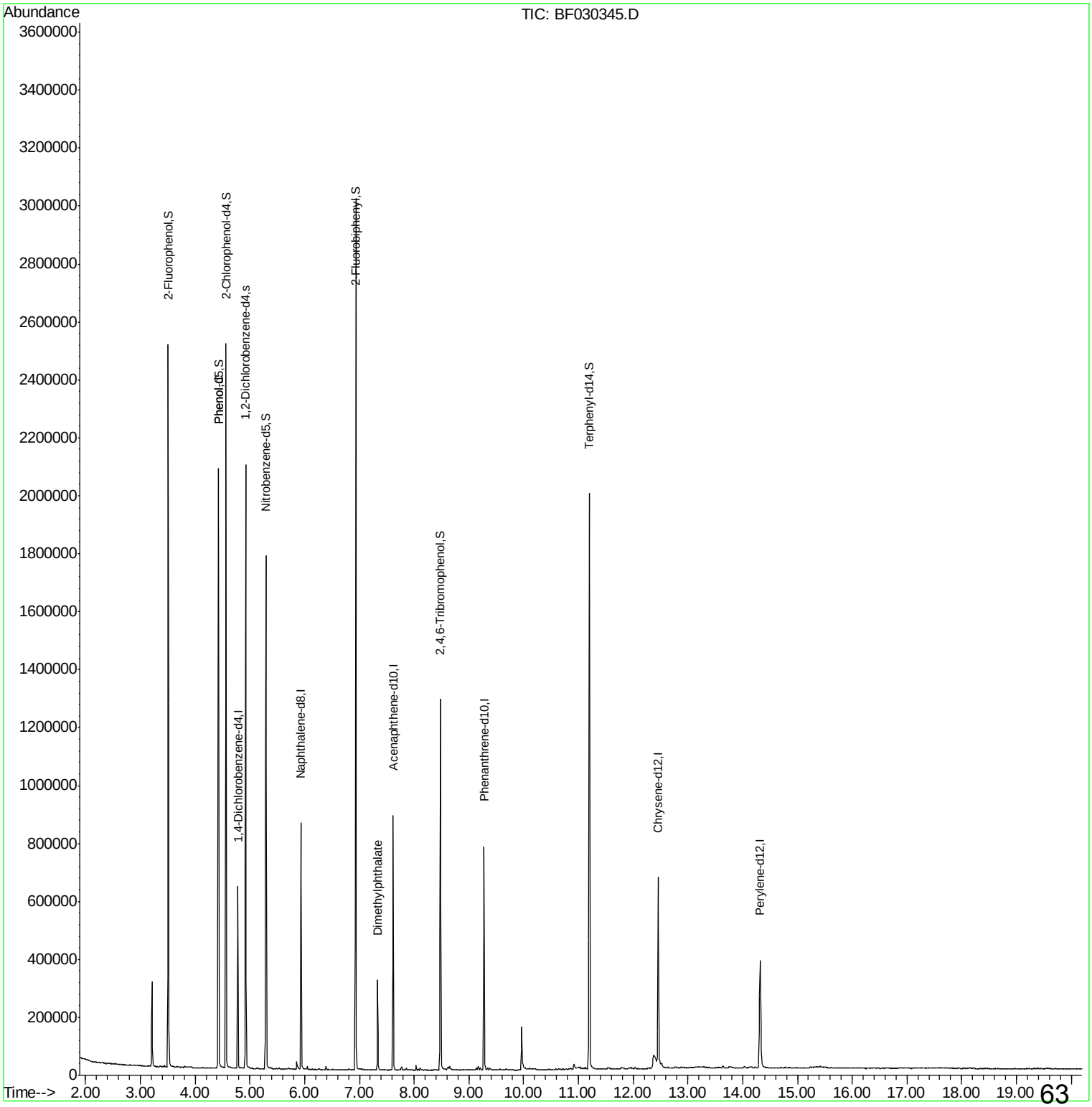
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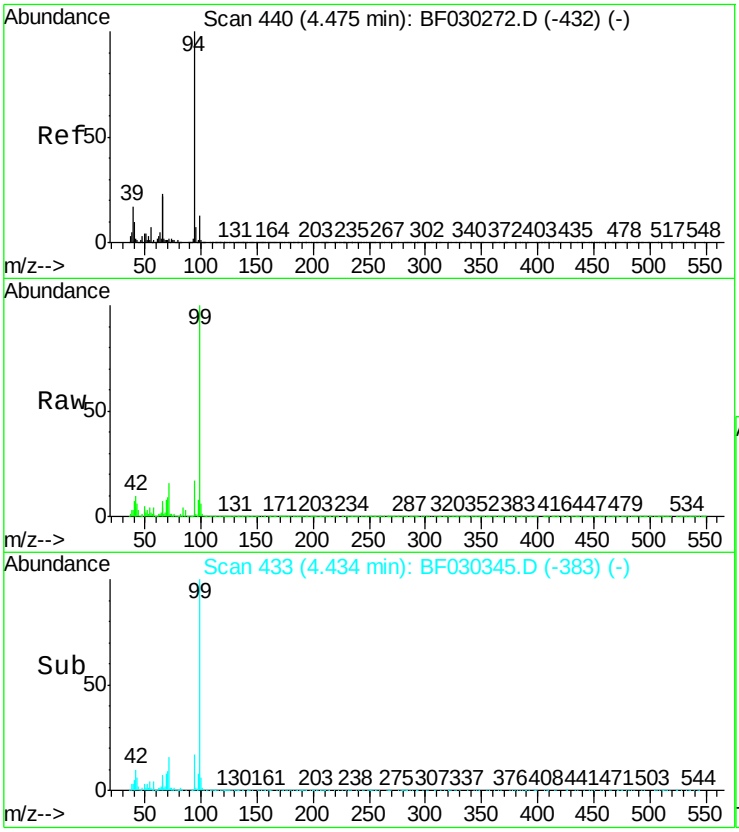
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	490	AB
57-10-3	n-Hexadecanoic acid	9.96	220	J
506-52-5	1-Hexacosanol	12.38	230	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 06 23:08:06 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

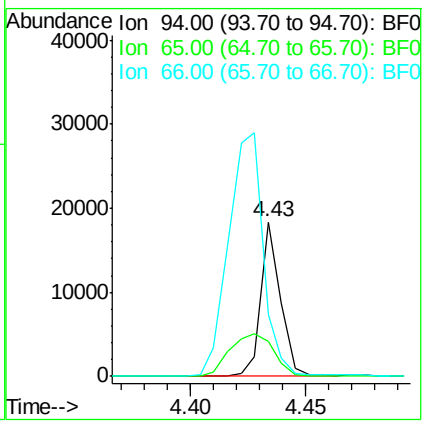


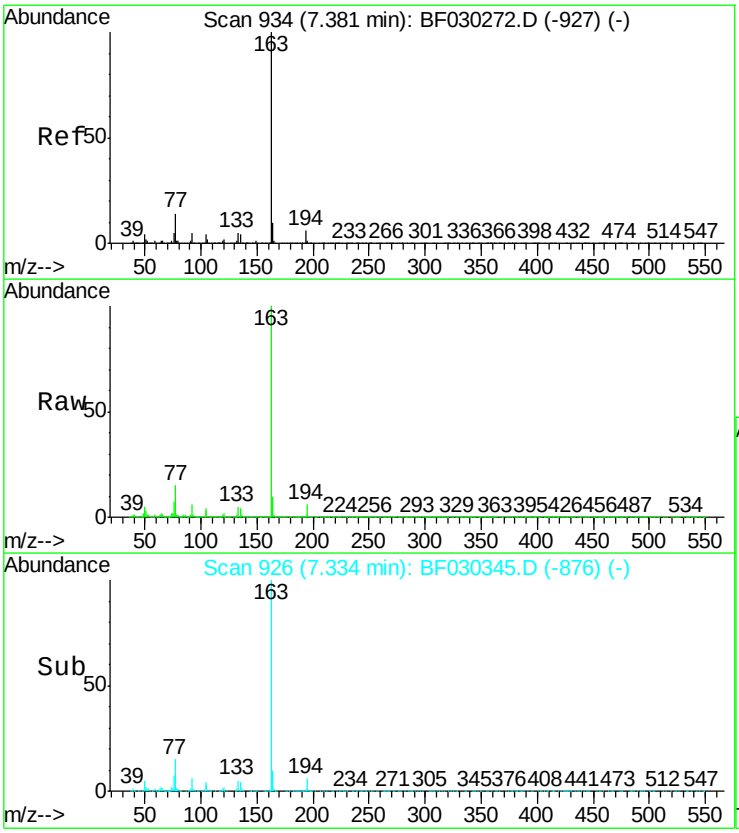


#10
Phenol
Concen: 1.46 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030345.D
Acq: 6 Aug 2009 17:35

Tgt Ion: 94 Resp: 10983

Ion	Ratio	Lower	Upper
94	100		
65	22.8	7.3	47.3
66	40.3	15.5	55.5

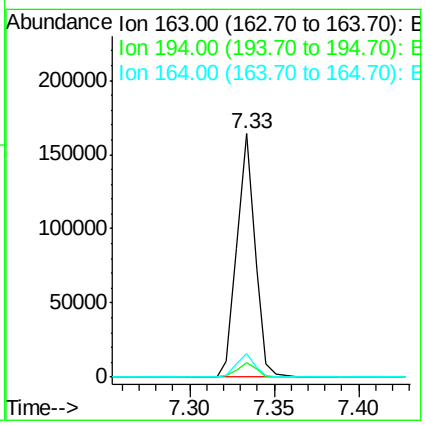




#51
Dimethylphthalate
Concen: 10.79 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030345.D
Acq: 6 Aug 2009 17:35

Tgt Ion:163 Resp: 122716

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.5	6.7
164	9.8	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 06 23:08:06 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	95168	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	355742	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	183611	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	304854	20.00	ng	0.00
77) Chrysene-d12	12.46	240	263624	20.00	ng	0.00
88) Perylene-d12	14.32	264	224572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	710091	133.21	ng	0.00
7) Phenol-d5	4.43	99	895555	135.14	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	686758	137.39	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	337010	103.24	ng	0.00
25) Nitrobenzene-d5	5.29	82	467839	93.34	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	162005	141.67	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	928769	101.00	ng	0.00
80) Terphenyl-d14	11.20	244	779759	97.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	4.43	94	10983	1.46	ng	92
51) Dimethylphthalate	7.33	163	122716	10.79	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rVB	293203	256618	10.54%	1.290%
2	3.510	272	276	279	rBV	2494116	2022447	83.08%	10.167%
3	4.428	427	432	434	rBV	2068269	2006874	82.44%	10.089%
4	4.563	451	455	458	rBV	2500598	2104626	86.45%	10.580%
5	4.781	488	492	495	rBV	628454	479022	19.68%	2.408%
6	4.922	513	516	520	rBV	2082721	1759933	72.29%	8.848%
7	5.293	576	579	582	rBV	1766006	1330832	54.67%	6.690%
8	5.934	685	688	693	rBV	849699	646579	26.56%	3.251%
9	6.934	854	858	861	rBV	3007643	2434456	100.00%	12.239%
10	7.334	922	926	929	rBV	312268	237112	9.74%	1.192%
11	7.616	971	974	978	rBV	876457	717338	29.47%	3.606%
12	8.481	1116	1121	1133	rBV	1281425	1281563	52.64%	6.443%
13	9.275	1252	1256	1260	rBV	771776	706504	29.02%	3.552%
14	9.963	1369	1373	1384	rBV2	150200	170453	7.00%	0.857%
15	10.916	1530	1535	1542	rBV7	17854	32780	1.35%	0.165%
16	11.198	1578	1583	1587	rBV	1985700	2221600	91.26%	11.169%
17	12.380	1777	1784	1793	rBV8	46699	170004	6.98%	0.855%
18	12.457	1793	1797	1806	rVB	647840	687930	28.26%	3.458%
19	14.321	2105	2114	2131	rBV	372265	624943	25.67%	3.142%

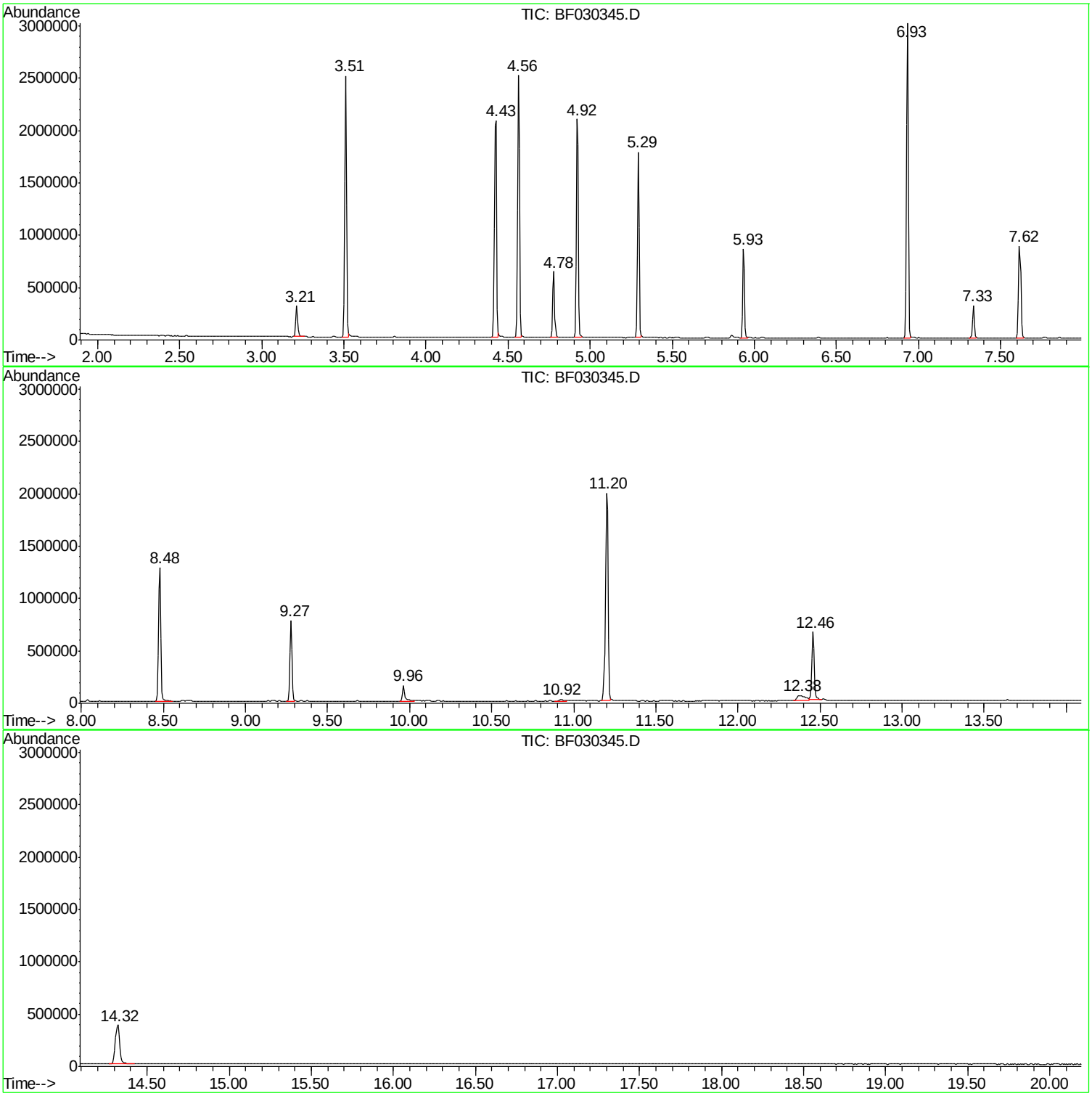
Sum of corrected areas: 19891614

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

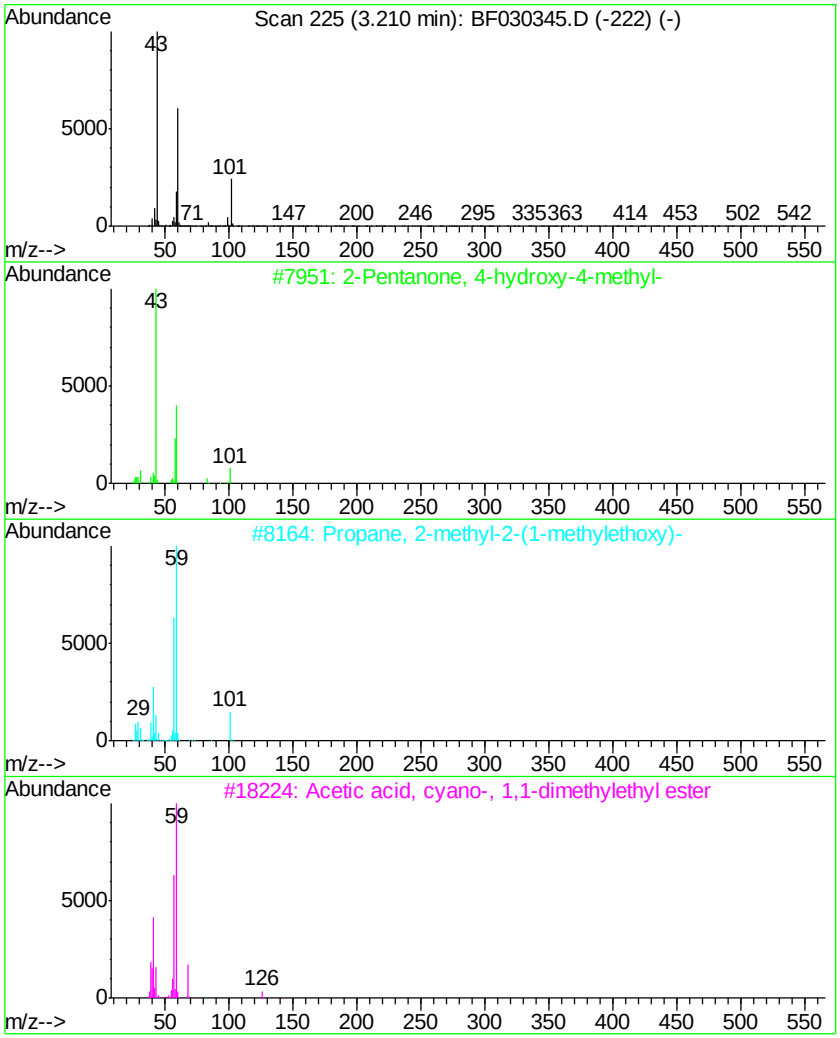
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

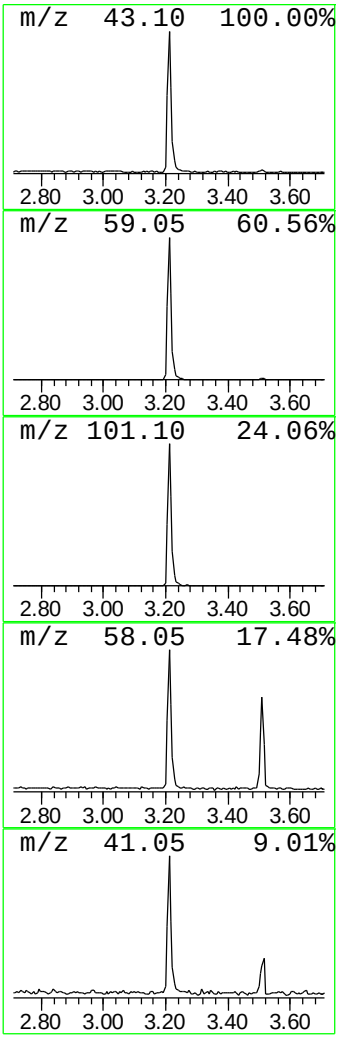
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.71 ng	256618	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

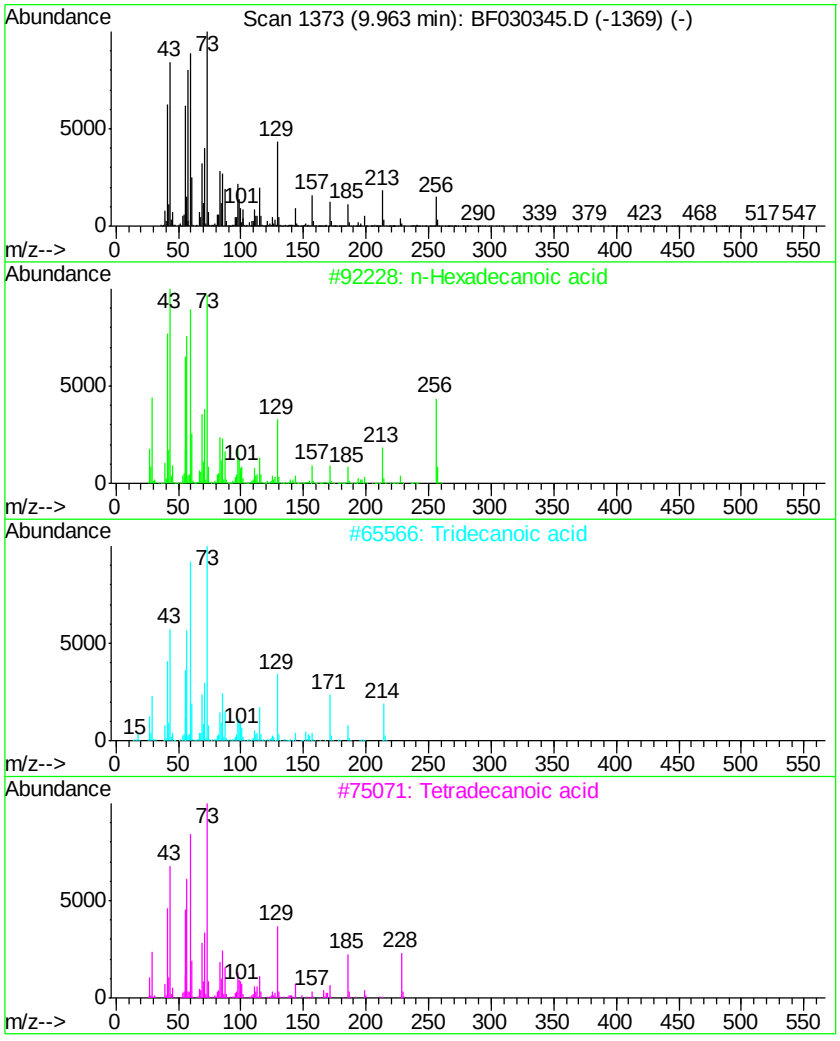
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

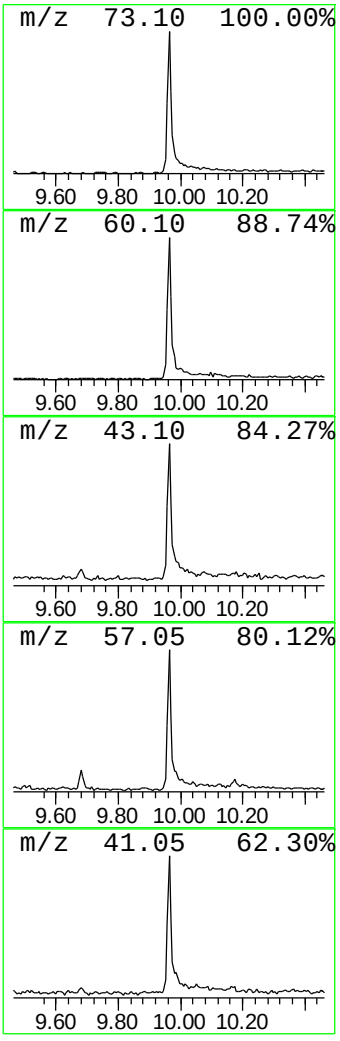
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.83 ng	170453	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

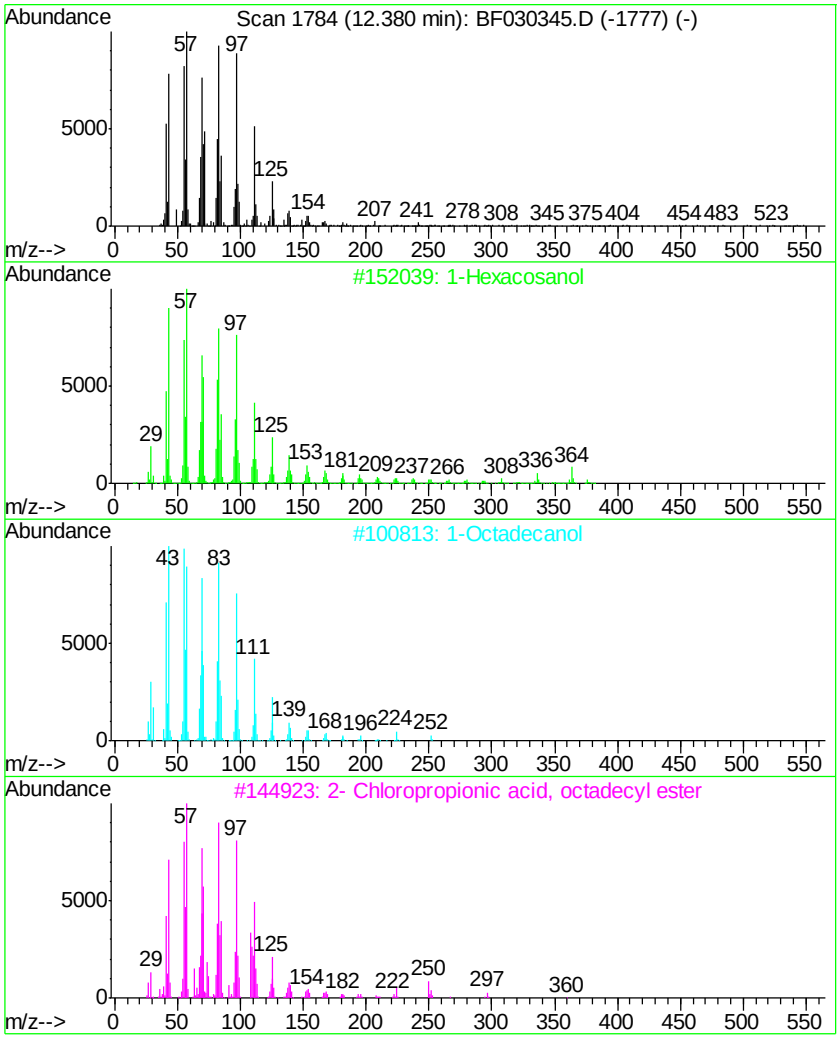
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

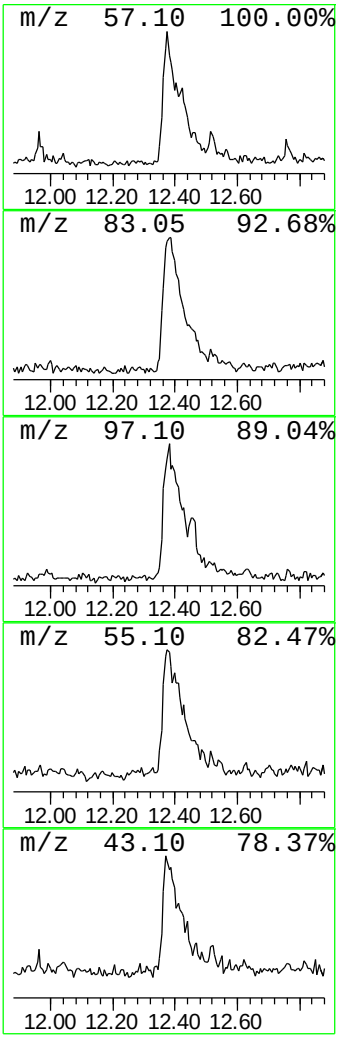
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Peak Number 3 1-Hexacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.94 ng	170004	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	86
2	1-Octadecanol	270	C18H38O	000112-92-5	81
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	1-Triacontanol	438	C30H62O	000593-50-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030345.D
Acq On : 6 Aug 2009 17:35
Operator : QM
Sample : A3816-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.7	ng	256618	1	4.78	479022	20.0
n-Hexadecanoic acid	9.96	4.8	ng	170453	4	9.27	706504	20.0
1-Hexacosanol	12.38	4.9	ng	170004	5	12.46	687930	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

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Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	470	B
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

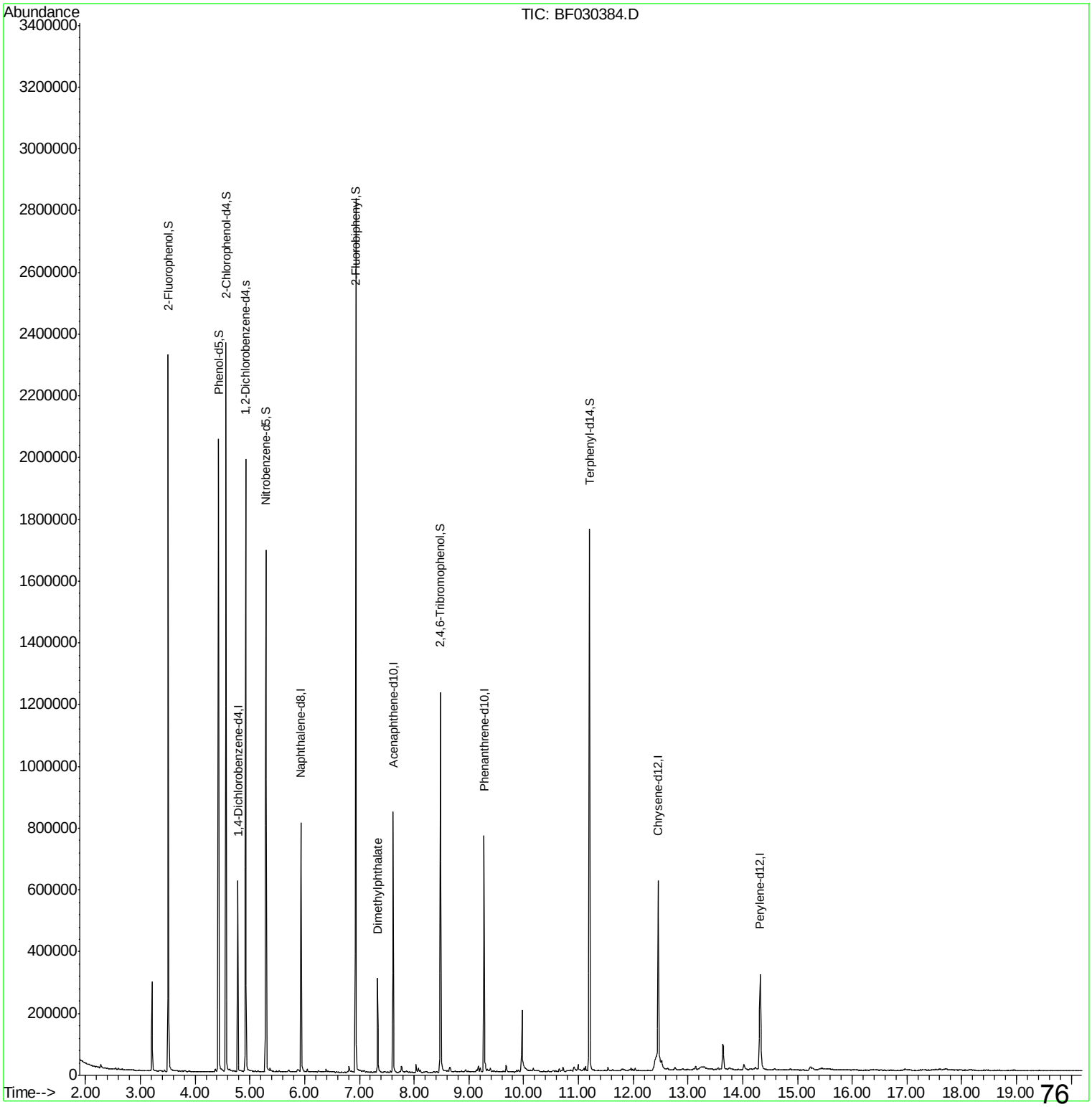
Number TICS found: 3

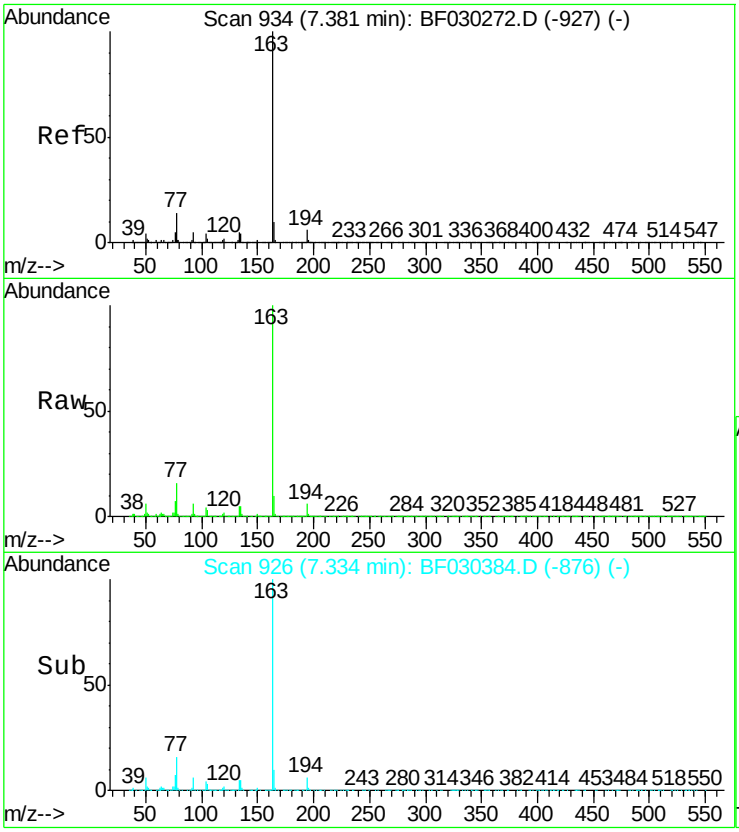
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.97	300	J
7683-64-9	Squalene	13.64	190	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 23:51:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

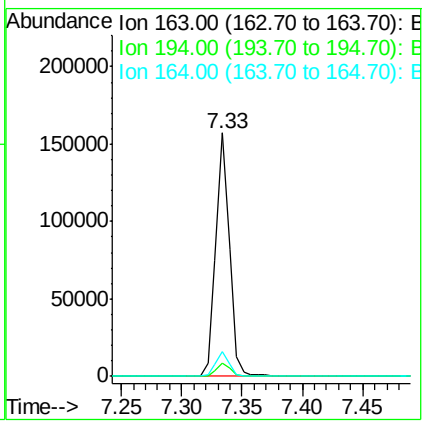




#51
Dimethylphthalate
Concen: 10.73 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030384.D
Acq: 7 Aug 2009 16:45

Tgt Ion:163 Resp: 121535

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.5	6.7
164	10.0	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 23:51:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	97407	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	351758	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	182856	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	303806	20.00	ng	0.00
77) Chrysene-d12	12.46	240	243378	20.00	ng	0.00
88) Perylene-d12	14.32	264	186520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	675744	123.85	ng	0.00
7) Phenol-d5	4.43	99	843661	124.38	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	647451	126.55	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	318094	95.21	ng	0.00
25) Nitrobenzene-d5	5.29	82	451215	91.05	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	151761	133.26	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	860615	93.97	ng	0.00
80) Terphenyl-d14	11.20	244	705065	95.35	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	121535	10.73	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

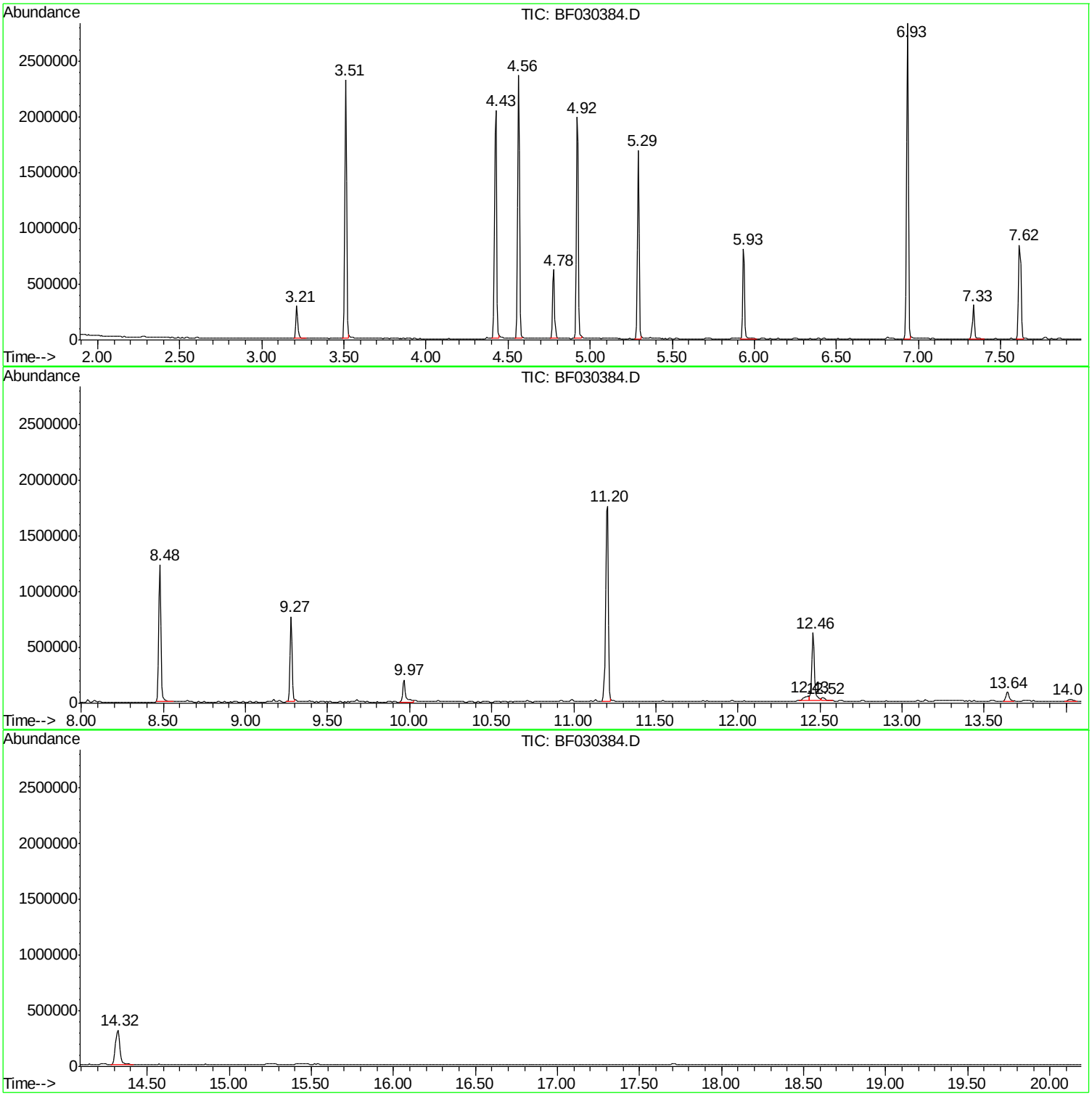
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	235	rVB	290363	254721	11.14%	1.333%
2	3.510	272	276	279	rBV	2319077	1923005	84.11%	10.060%
3	4.428	427	432	435	rBV	2046734	1907001	83.41%	9.976%
4	4.563	451	455	459	rBV	2359017	2003128	87.62%	10.479%
5	4.781	488	492	495	rBV	618187	495303	21.67%	2.591%
6	4.922	513	516	520	rBV	1979729	1682173	73.58%	8.800%
7	5.293	575	579	582	rBV	1689786	1288460	56.36%	6.740%
8	5.934	685	688	701	rVB	806049	656280	28.71%	3.433%
9	6.934	854	858	861	rBV	2827235	2286167	100.00%	11.960%
10	7.334	922	926	937	rBV	304788	241055	10.54%	1.261%
11	7.616	971	974	978	rBV	840793	720493	31.52%	3.769%
12	8.481	1117	1121	1134	rBV	1227508	1218167	53.28%	6.373%
13	9.275	1252	1256	1260	rBV	762012	706606	30.91%	3.696%
14	9.969	1369	1374	1383	rBV2	200227	245161	10.72%	1.283%
15	11.204	1579	1584	1587	rBV	1750238	1979520	86.59%	10.355%
16	12.427	1783	1792	1793	rBV4	36752	87396	3.82%	0.457%
17	12.457	1793	1797	1805	rVV	606786	721620	31.56%	3.775%
18	12.522	1806	1808	1817	rVB	26958	35761	1.56%	0.187%
19	13.639	1994	1998	2005	rBV	80477	112483	4.92%	0.588%
20	14.021	2058	2063	2070	rBV2	19214	34531	1.51%	0.181%
21	14.321	2107	2114	2130	rVB	309106	516687	22.60%	2.703%

Sum of corrected areas: 19115718

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

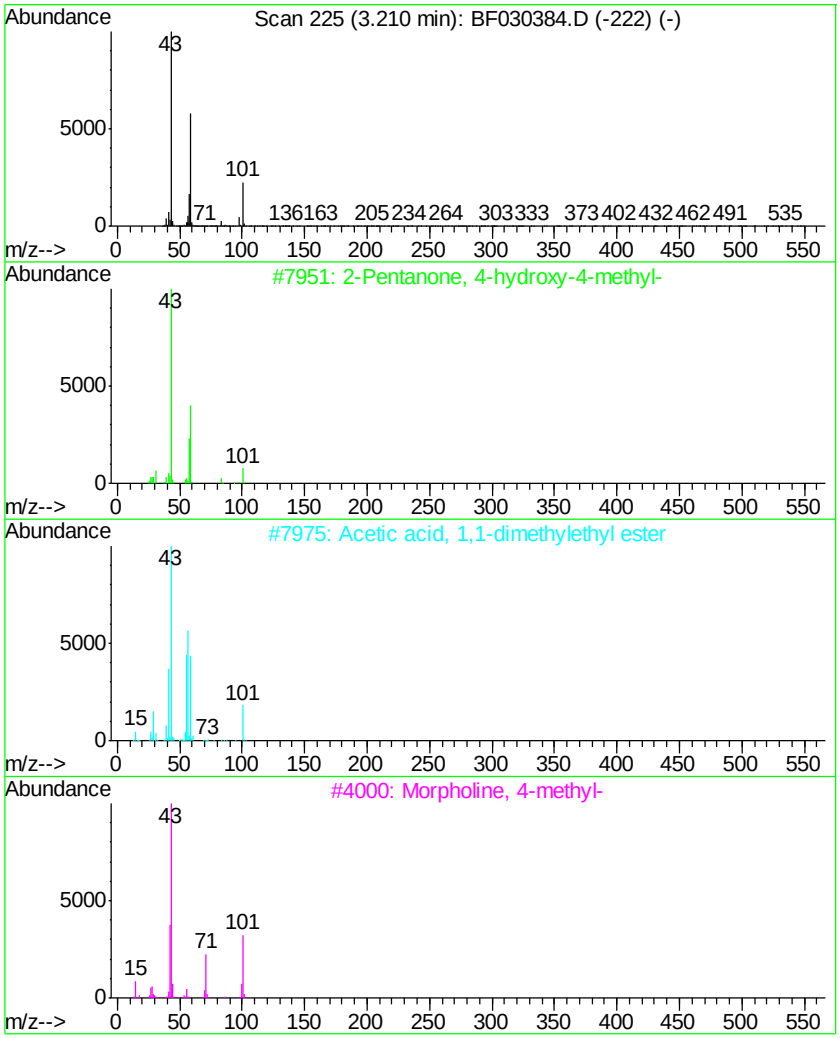
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

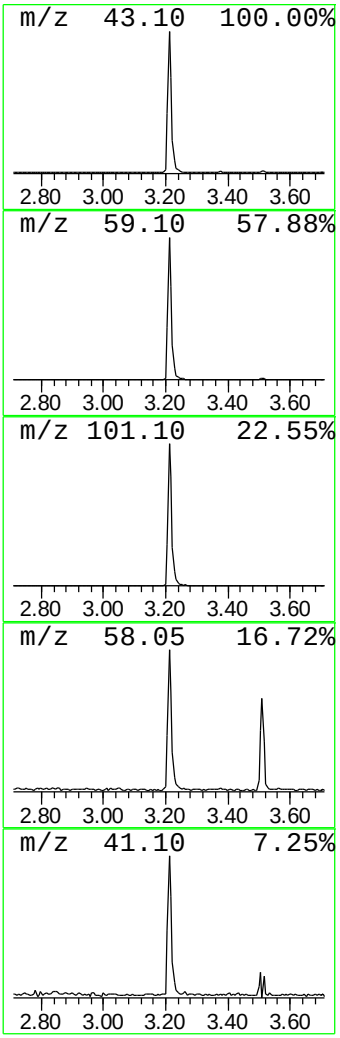
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.29 ng	254721	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

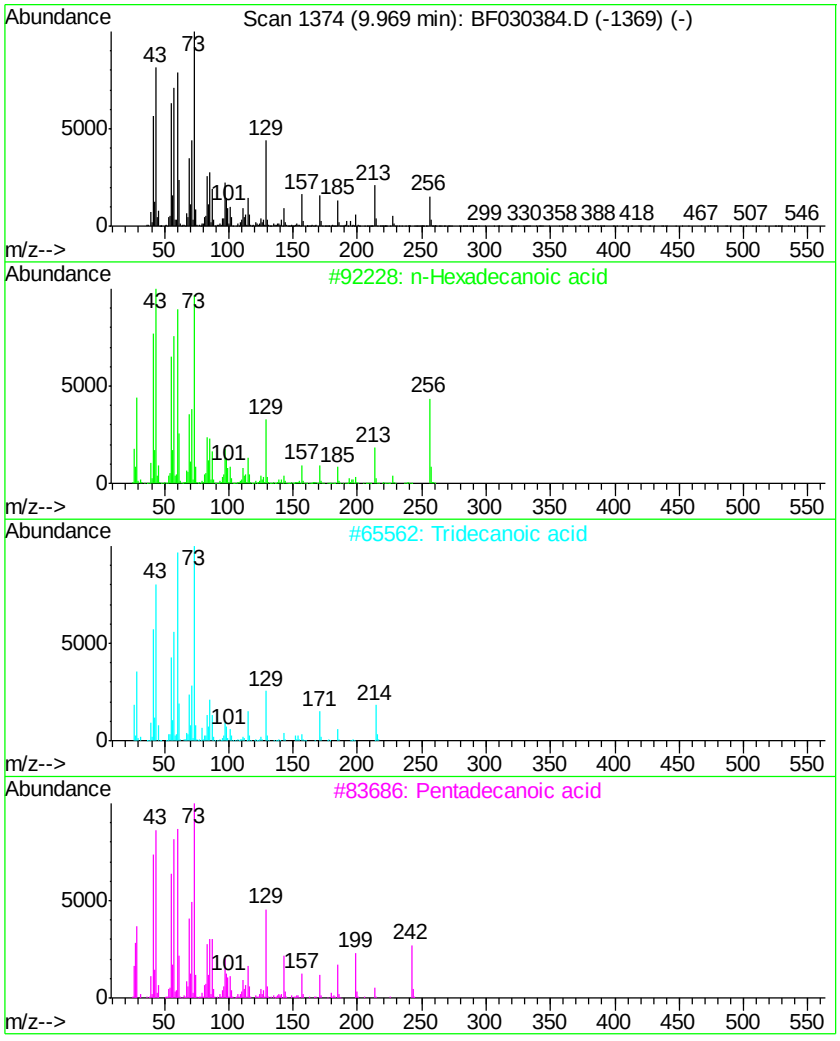
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

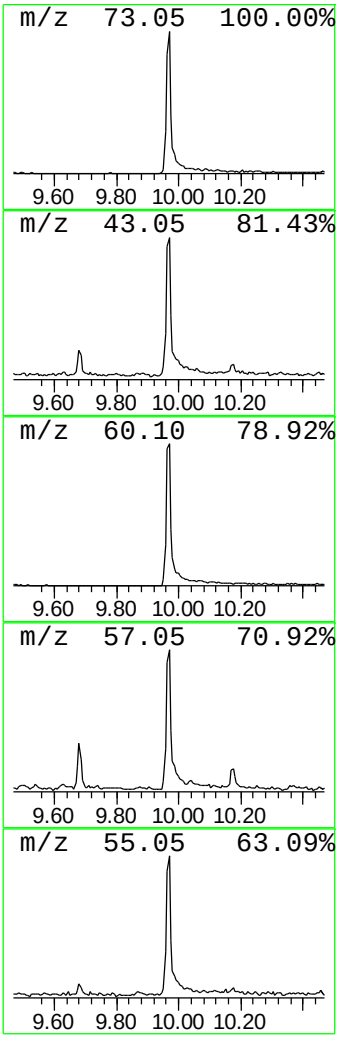
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	6.94 ng	245161	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

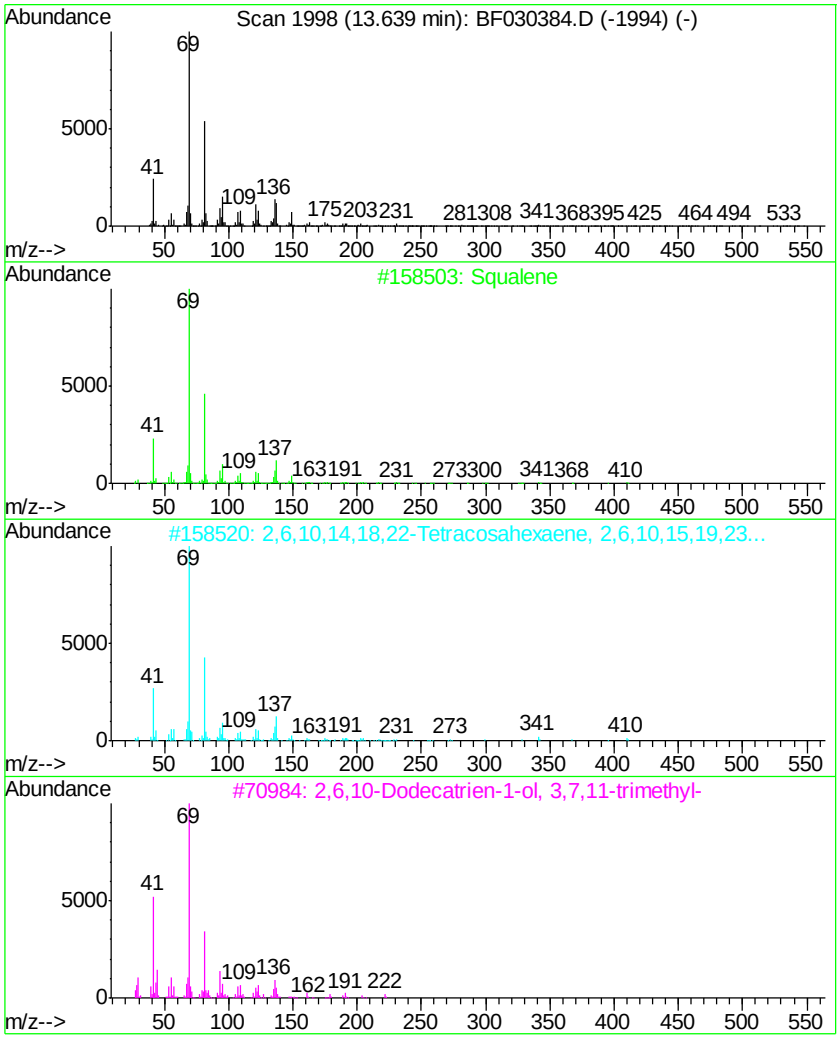
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

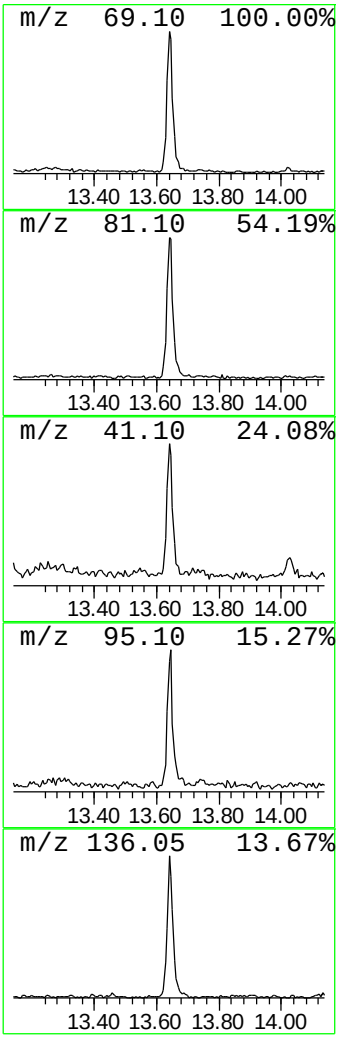
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	4.35 ng	112483	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	86
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	83
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030384.D
Acq On : 7 Aug 2009 16:45
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.3	ng	254721	1	4.78	495303	20.0
n-Hexadecanoic acid	9.97	6.9	ng	245161	4	9.27	706606	20.0
Squalene	13.64	4.3	ng	112483	6	14.32	516687	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	53	J
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	510	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

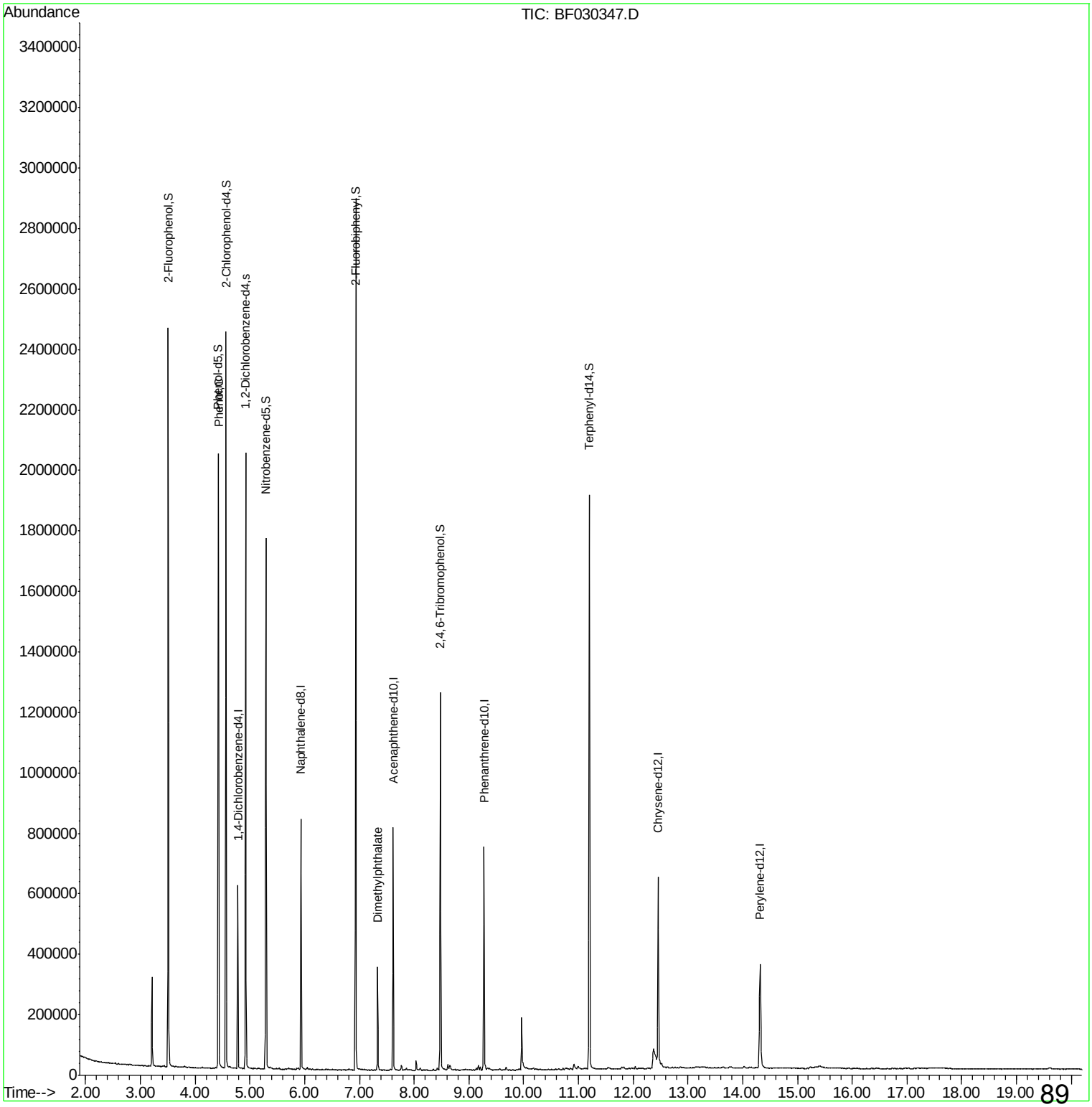
Number TICS found: 3

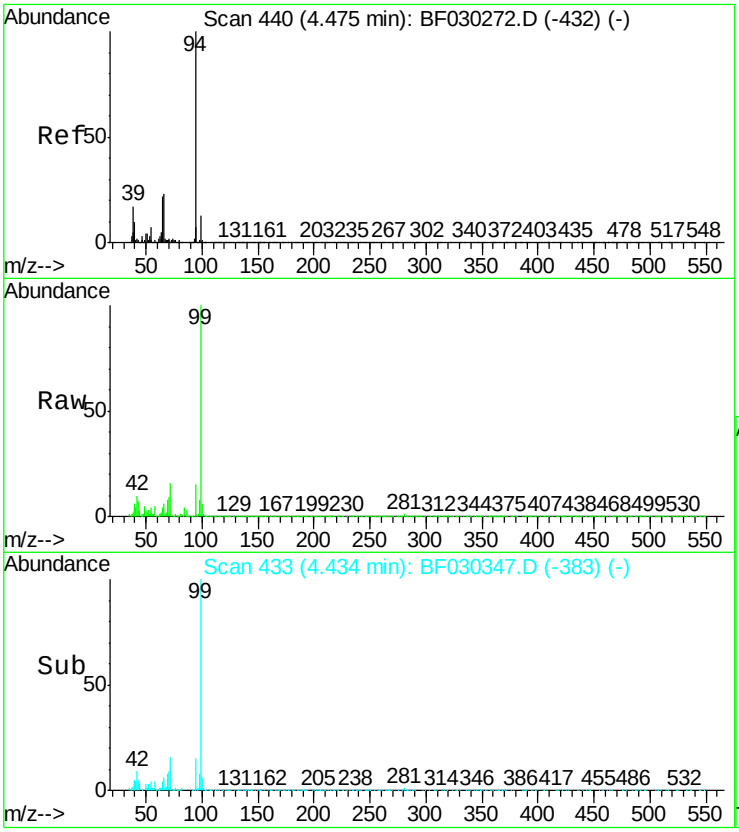
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.96	250	J
18835-32-0	1-Tricosene	12.37	300	J

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 06 23:12:27 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

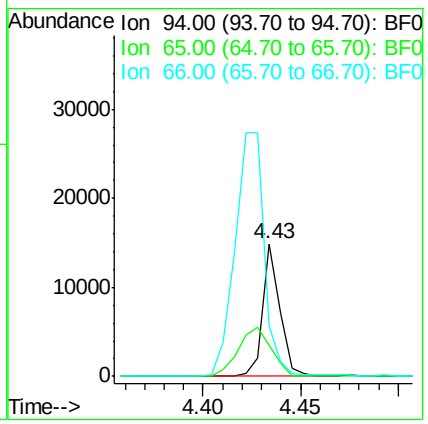


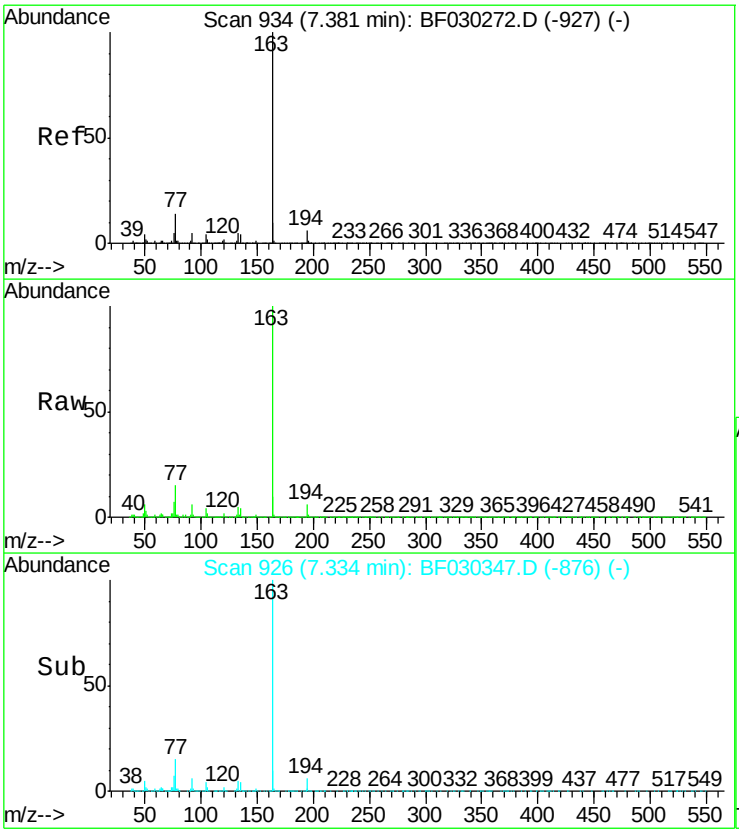


#10
Phenol
Concen: 1.24 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030347.D
Acq: 6 Aug 2009 18:30

Tgt Ion: 94 Resp: 9182

Ion	Ratio	Lower	Upper
94	100		
65	23.5	7.3	47.3
66	37.6	15.5	55.5

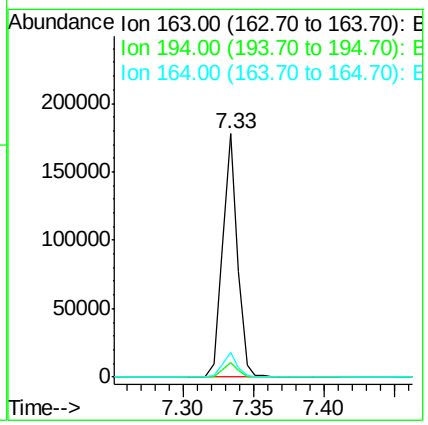




#51
Dimethylphthalate
Concen: 11.82 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030347.D
Acq: 6 Aug 2009 18:30

Tgt Ion:163 Resp: 129673

Ion	Ratio	Lower	Upper
163	100		
194	6.1	4.5	6.7
164	10.0	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 06 23:12:27 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	93495	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	347551	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	177193	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	289163	20.00	ng	0.00
77) Chrysene-d12	12.46	240	244760	20.00	ng	0.00
88) Perylene-d12	14.32	264	204830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	695123	132.73	ng	0.00
7) Phenol-d5	4.43	99	882507	135.55	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	667954	136.02	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	330716	103.13	ng	0.00
25) Nitrobenzene-d5	5.29	82	454256	92.77	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	157231	142.48	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	885760	99.81	ng	0.00
80) Terphenyl-d14	11.20	244	734514	98.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	4.43	94	9182	1.24	ng	95
51) Dimethylphthalate	7.33	163	129673	11.82	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

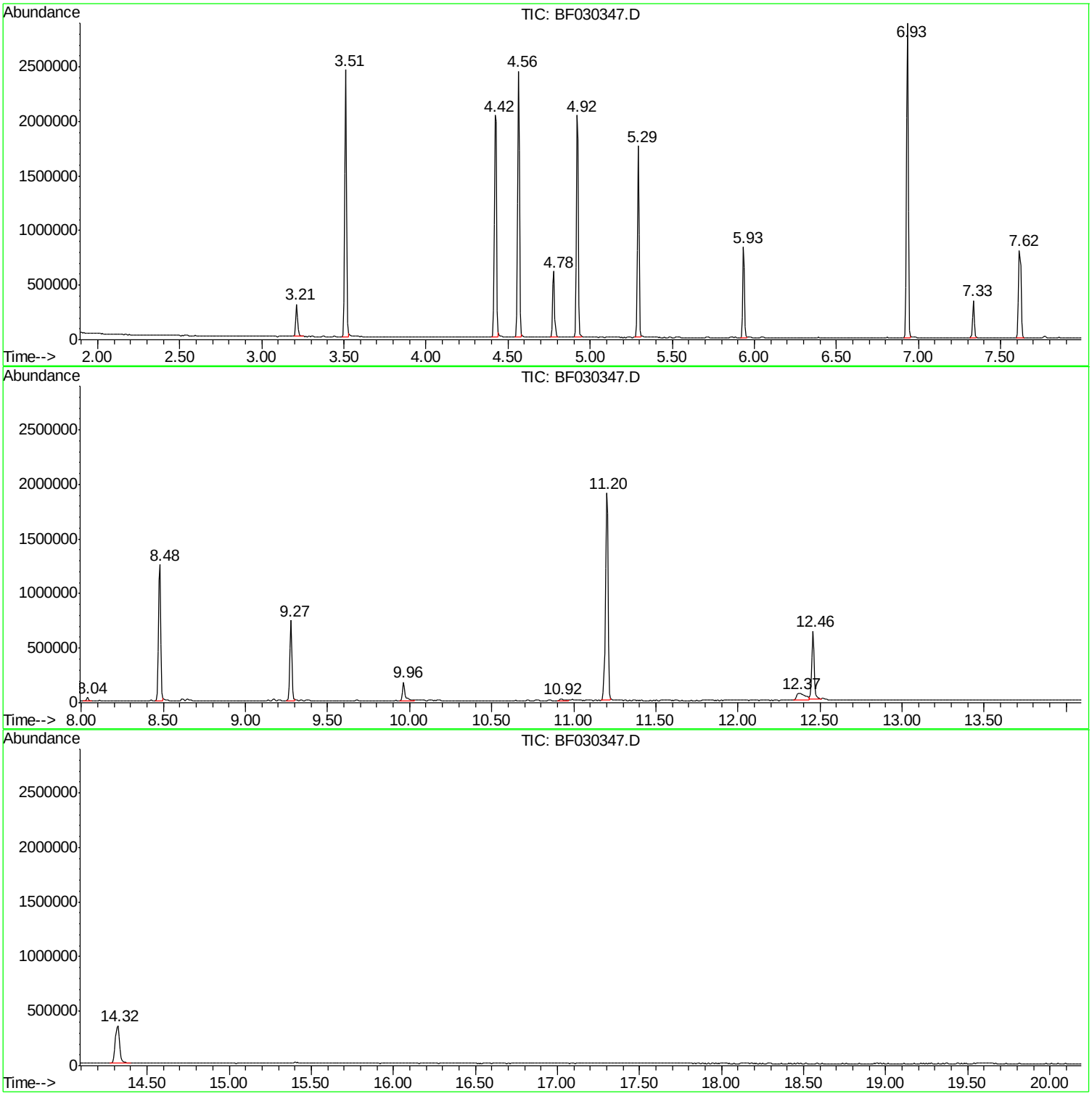
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	232	rVB	295505	251258	10.77%	1.300%
2	3.510	272	276	279	rBV	2443304	1959340	83.98%	10.136%
3	4.422	427	431	434	rBV	2031562	1965317	84.24%	10.166%
4	4.563	451	455	458	rBV	2434183	2050861	87.90%	10.609%
5	4.781	488	492	495	rBV	604782	479445	20.55%	2.480%
6	4.922	513	516	520	rBV	2033991	1715832	73.54%	8.876%
7	5.293	575	579	582	rBV	1755187	1302990	55.85%	6.740%
8	5.934	685	688	692	rBV	827900	628449	26.94%	3.251%
9	6.934	854	858	861	rBV	2881838	2333108	100.00%	12.069%
10	7.334	923	926	929	rBV	340895	248895	10.67%	1.288%
11	7.616	971	974	978	rBV	799074	691034	29.62%	3.575%
12	8.039	1041	1046	1050	rBV	32957	28747	1.23%	0.149%
13	8.481	1116	1121	1124	rBV	1246807	1229538	52.70%	6.360%
14	9.275	1252	1256	1260	rBV	738811	675525	28.95%	3.494%
15	9.963	1369	1373	1384	rBV2	172163	197649	8.47%	1.022%
16	10.922	1532	1536	1544	rBV4	17883	30370	1.30%	0.157%
17	11.198	1578	1583	1587	rBV	1898784	2092364	89.68%	10.824%
18	12.374	1777	1783	1793	rBV4	64031	228416	9.79%	1.182%
19	12.457	1793	1797	1806	rVB	620265	654946	28.07%	3.388%
20	14.321	2106	2114	2127	rBV	343879	567273	24.31%	2.934%

Sum of corrected areas: 19331357

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

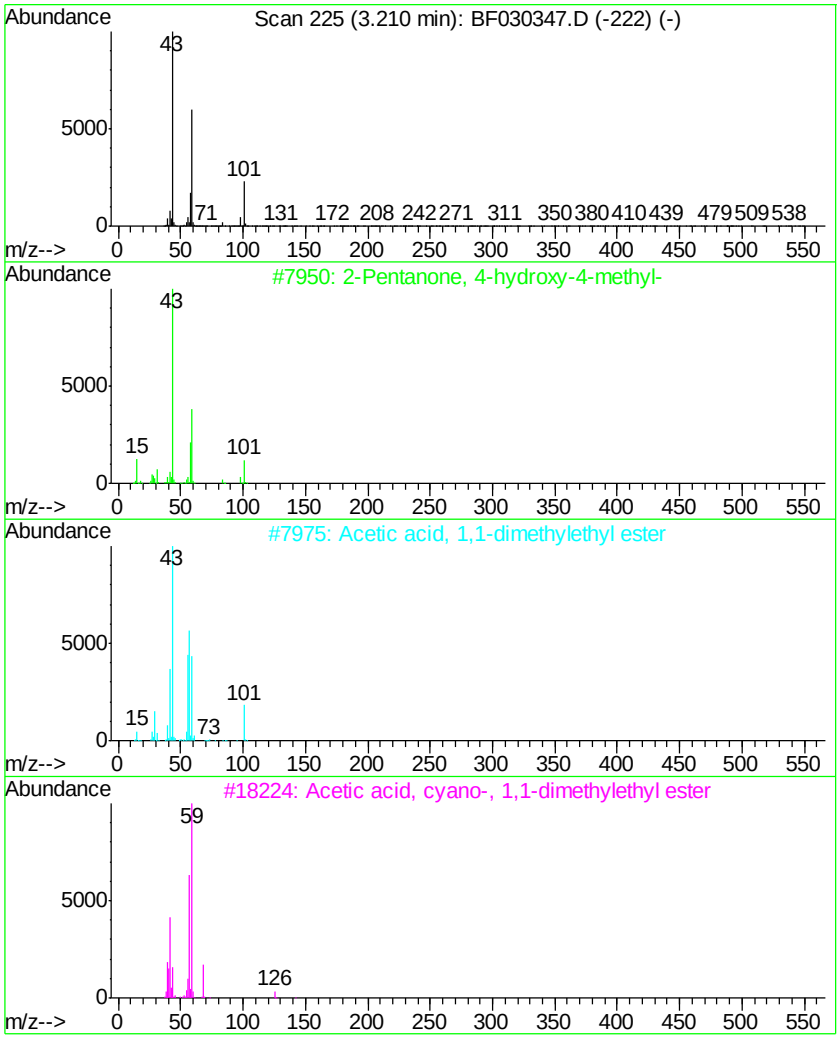
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TIC Integration Parameters: LSCINT.P

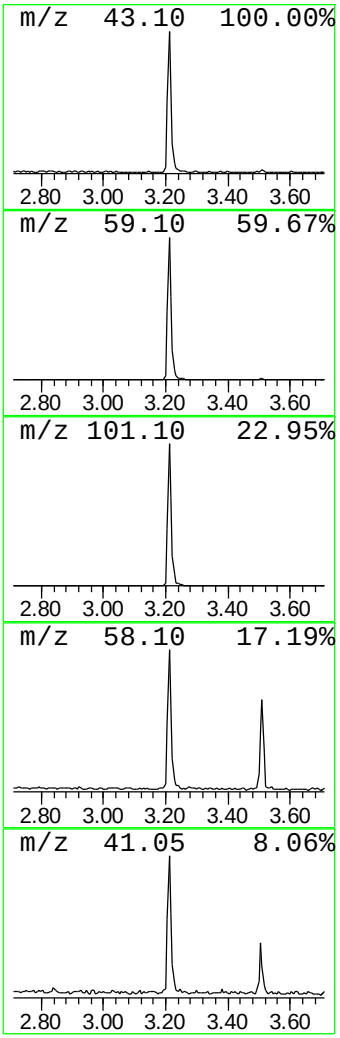
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.48 ng	251258	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

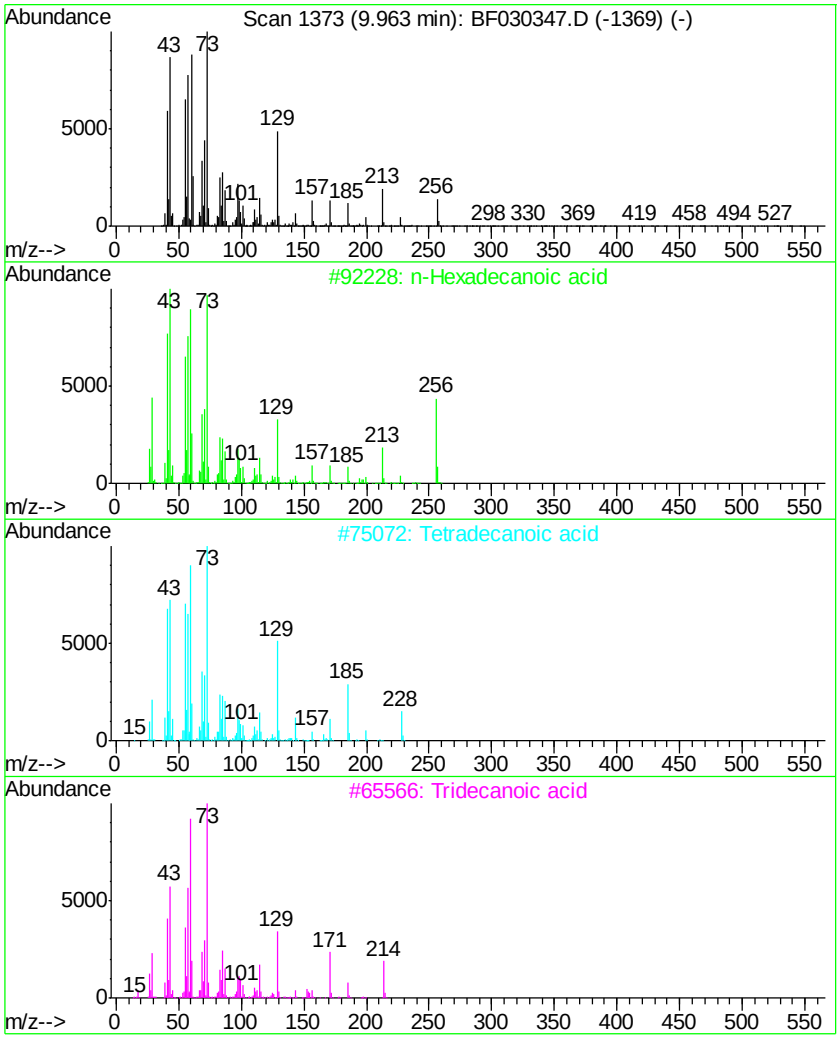
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

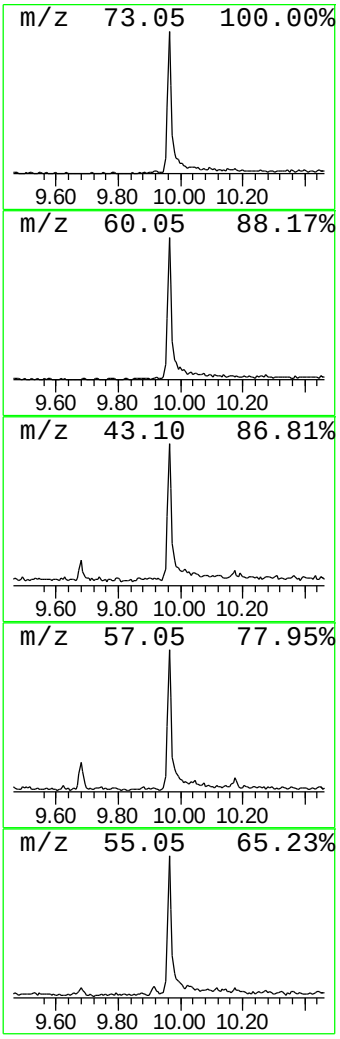
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.85 ng	197649	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

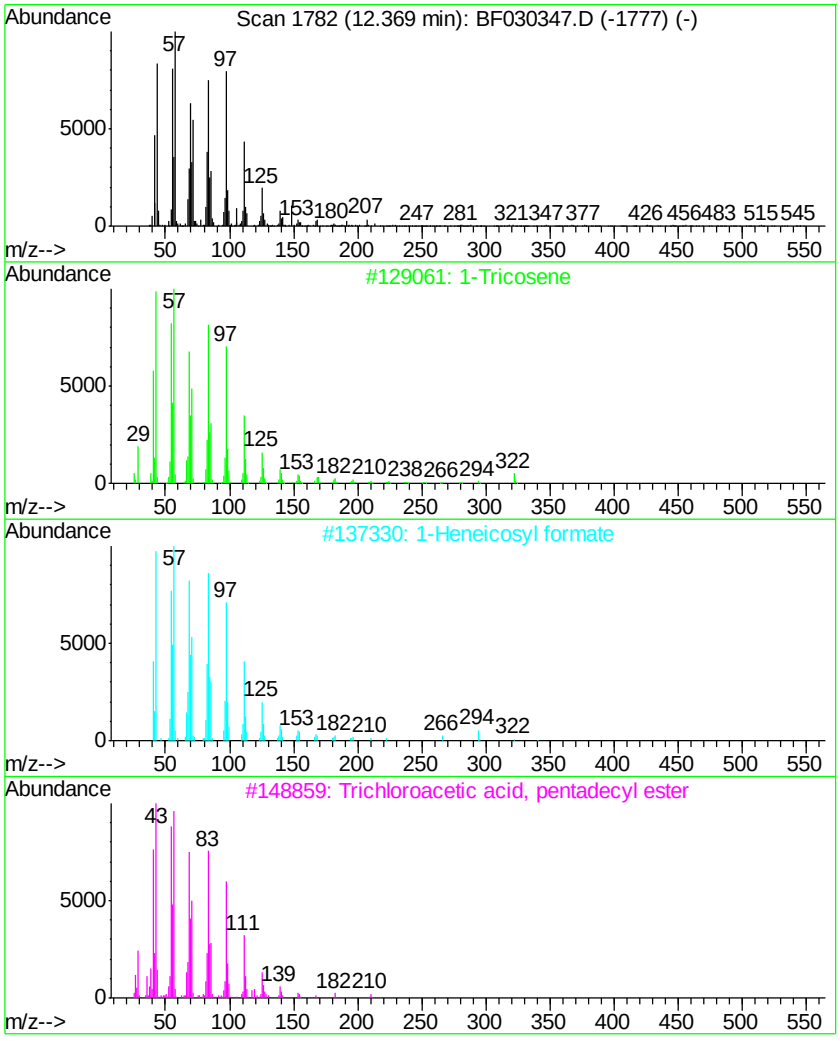
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

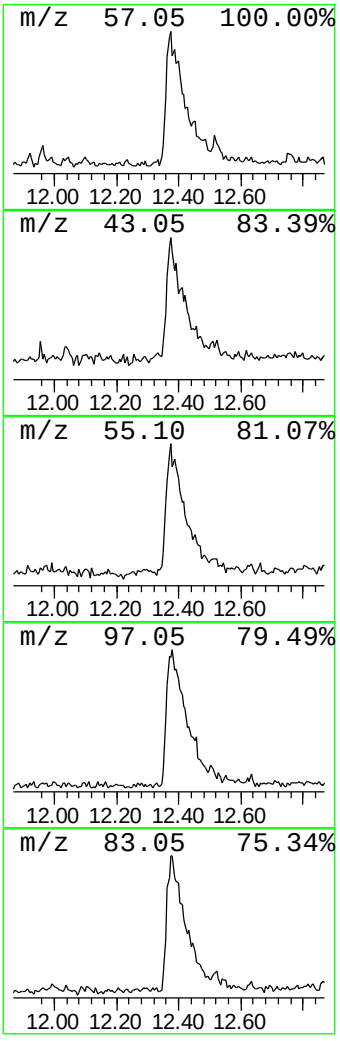
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Peak Number 3 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.98 ng	228416	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030347.D
Acq On : 6 Aug 2009 18:30
Operator : QM
Sample : A3816-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.5	ng	251258	1	4.78	479445	20.0
n-Hexadecanoic acid	9.96	5.8	ng	197649	4	9.27	675525	20.0
1-Tricosene	12.37	7.0	ng	228416	5	12.46	654946	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	120	J
108-95-2	Phenol	51	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	570	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

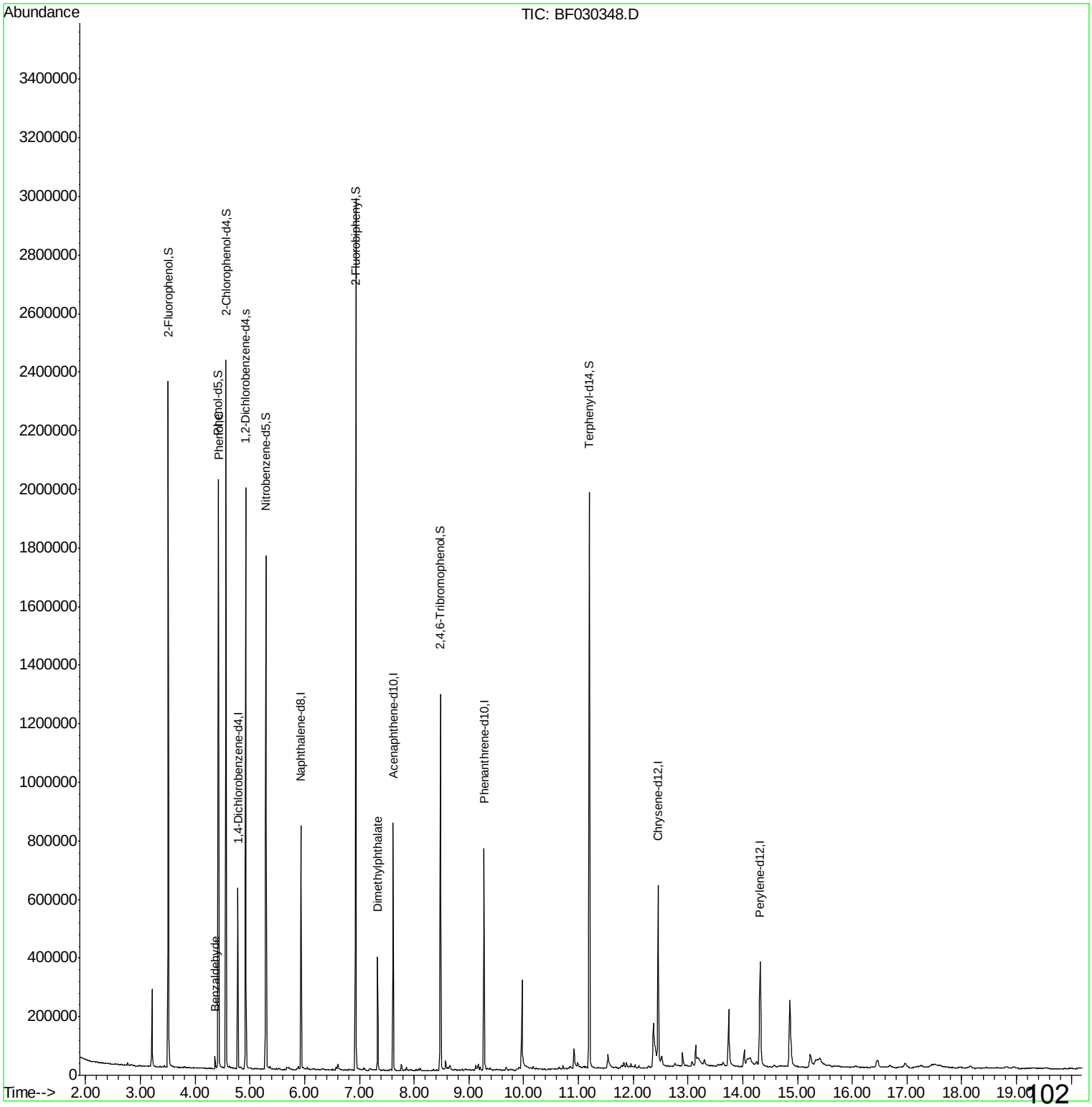
GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

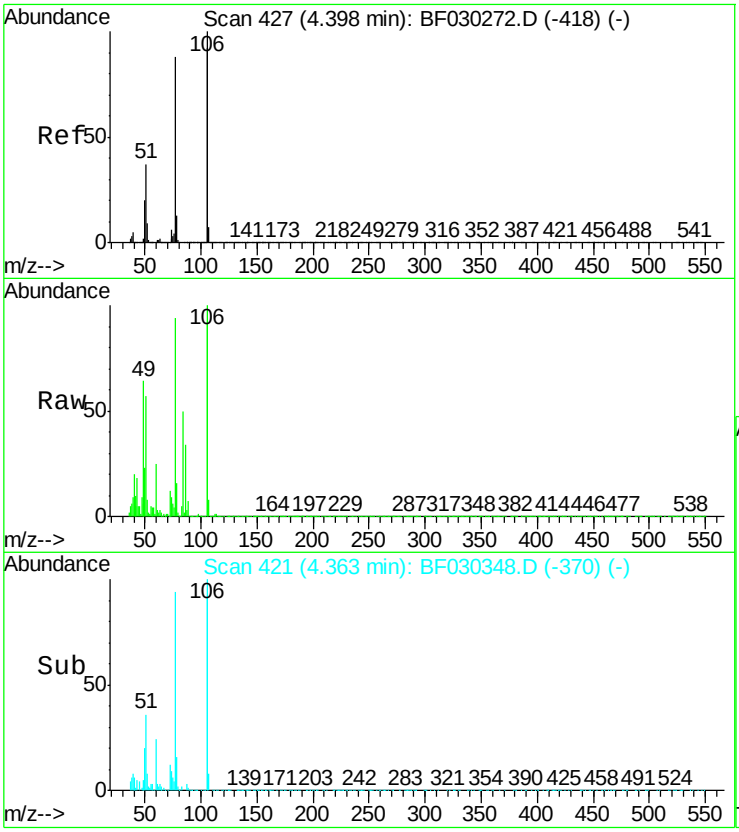
Number TICS found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	430	AB
57-10-3	n-Hexadecanoic acid	9.97	450	J
57-11-4	Octadecanoic acid	10.92	110	J
4860-03-1	Hexadecane, 1-chloro-	11.54	130	J
2136-71-2	Ethanol, 2-(hexadecyloxy)-	12.37	480	J
629-94-7	Heneicosane	13.14	110	J
7390-81-0	Oxirane, hexadecyl-	13.74	400	J
544-85-4	Dotriacontane	14.03	140	J
646-31-1	Tetracosane	15.23	170	J
14811-95-1	1,19-Eicosadiene	16.46	98	J

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 11:09:55 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

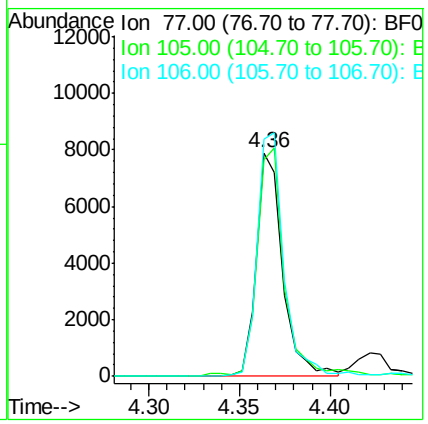


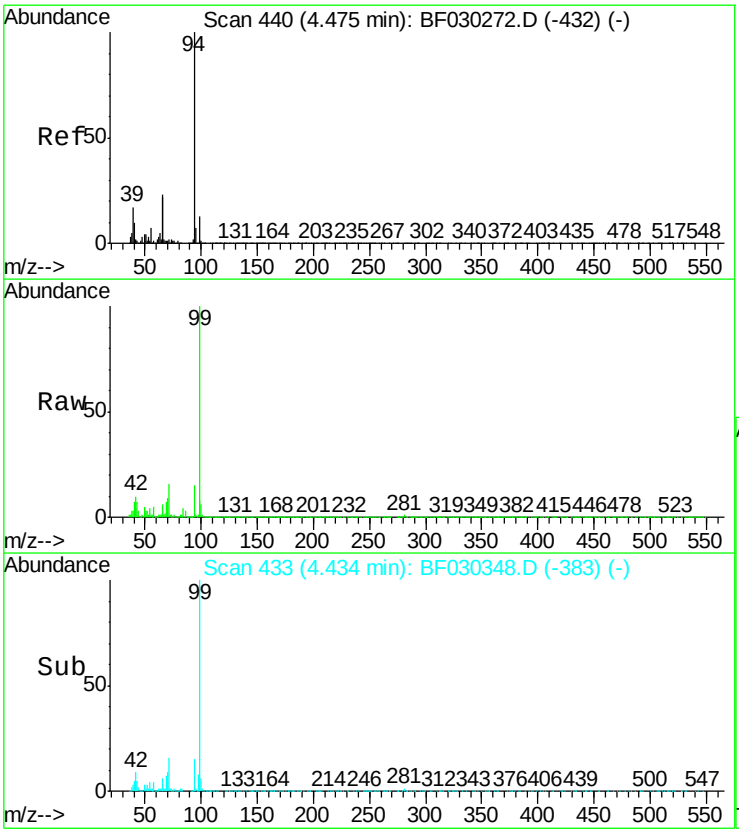


#9
Benzaldehyde
Concen: 3.01 ng
RT: 4.36 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF030348.D
Acq: 6 Aug 2009 18:57

Tgt Ion: 77 Resp: 7939

Ion	Ratio	Lower	Upper
77	100		
105	97.2	92.4	132.4
106	106.2	97.9	137.9

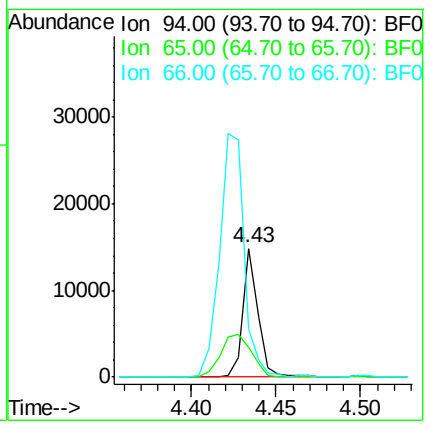


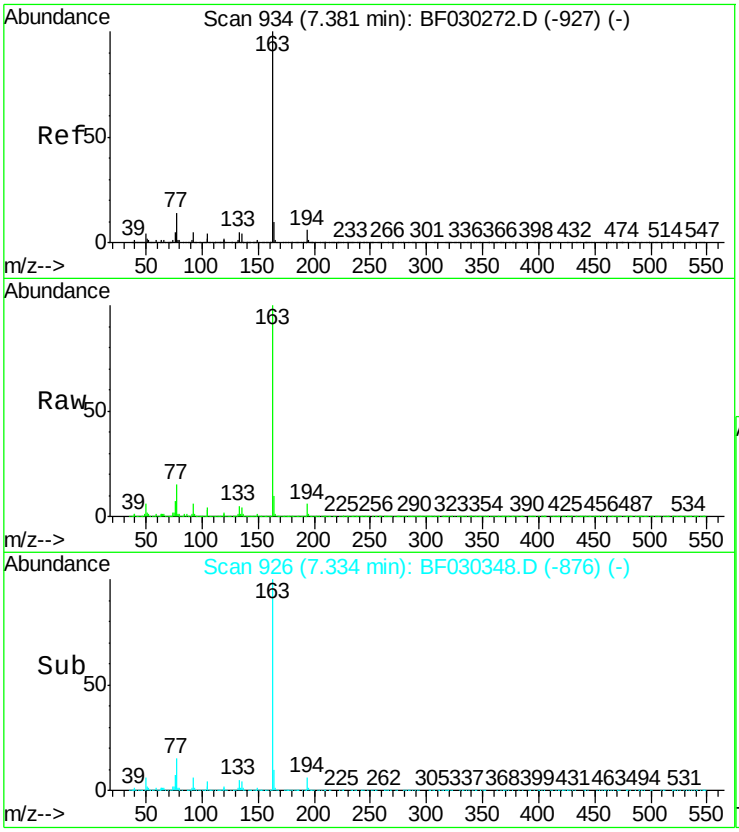


#10
Phenol
Concen: 1.25 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030348.D
Acq: 6 Aug 2009 18:57

Tgt Ion: 94 Resp: 9243

Ion	Ratio	Lower	Upper
94	100		
65	23.0	7.3	47.3
66	37.0	15.5	55.5

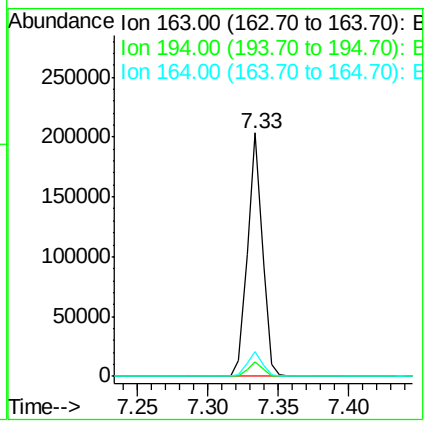




#51
Dimethylphthalate
Concen: 13.81 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030348.D
Acq: 6 Aug 2009 18:57

Tgt Ion:163 Resp: 149870

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.5	6.7
164	10.3	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 11:09:55 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	93312	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	346386	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	175188	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	289251	20.00	ng	0.00
77) Chrysene-d12	12.46	240	240792	20.00	ng	0.00
88) Perylene-d12	14.32	264	205146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	679709	130.04	ng	0.00
7) Phenol-d5	4.42	99	869729	133.85	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	653244	133.28	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	322729	100.83	ng	0.00
25) Nitrobenzene-d5	5.29	82	450887	92.39	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	157724	144.56	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	911473	103.88	ng	0.00
80) Terphenyl-d14	11.20	244	766889	104.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	4.36	77	7939	3.01	ng	88
10) Phenol	4.43	94	9243	1.25	ng	95
51) Dimethylphthalate	7.33	163	149870	13.81	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF030348.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	235	rVB	264151	250867	10.48%	1.174%
2	3.510	272	276	279	rBV	2341592	1913980	79.97%	8.954%
3	4.363	419	421	427	rBV	42308	42935	1.79%	0.201%
4	4.422	427	431	434	rBV	2008683	1931517	80.70%	9.036%
5	4.563	451	455	459	rBV	2416075	2012256	84.07%	9.414%
6	4.781	488	492	495	rBV	616129	477277	19.94%	2.233%
7	4.922	513	516	520	rBV	1978659	1677599	70.09%	7.848%
8	5.293	575	579	582	rBV	1753189	1285588	53.71%	6.014%
9	5.934	685	688	692	rBV	830816	630426	26.34%	2.949%
10	6.934	854	858	861	rBV	2975429	2393467	100.00%	11.197%
11	7.334	922	926	929	rBV	386970	289170	12.08%	1.353%
12	7.616	971	974	978	rBV	842862	688501	28.77%	3.221%
13	8.481	1116	1121	1124	rBV	1284218	1241235	51.86%	5.807%
14	8.575	1133	1137	1142	rBV	28513	30605	1.28%	0.143%
15	9.275	1252	1256	1260	rBV	755503	681824	28.49%	3.190%
16	9.969	1369	1374	1386	rBV2	303375	374983	15.67%	1.754%
17	10.922	1532	1536	1544	rBV	66982	93304	3.90%	0.436%
18	11.198	1578	1583	1587	rBV2	1963969	2196106	91.75%	10.274%
19	11.539	1635	1641	1654	rBV3	47887	110450	4.61%	0.517%
20	12.369	1777	1782	1793	rBV2	152623	401688	16.78%	1.879%
21	12.457	1793	1797	1804	rVV	618709	690478	28.85%	3.230%
22	12.521	1804	1808	1815	rVB4	33219	59162	2.47%	0.277%
23	12.904	1869	1873	1879	rBV	47967	57172	2.39%	0.267%
24	13.139	1909	1913	1917	rBV	71782	94497	3.95%	0.442%
25	13.304	1937	1941	1950	rVB7	19816	32531	1.36%	0.152%
26	13.745	2011	2016	2024	rBV	192985	286005	11.95%	1.338%
27	14.027	2058	2064	2068	rBV2	59454	98104	4.10%	0.459%
28	14.104	2069	2077	2079	rBV7	17820	46895	1.96%	0.219%
29	14.321	2108	2114	2128	rVB	356581	585031	24.44%	2.737%
30	14.862	2199	2206	2220	rBV2	225012	465122	19.43%	2.176%
31	15.233	2263	2269	2280	rBV2	44085	119624	5.00%	0.560%
32	16.462	2469	2478	2488	rBV6	23036	69616	2.91%	0.326%
33	16.962	2556	2563	2576	rVB10	13899	48180	2.01%	0.225%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

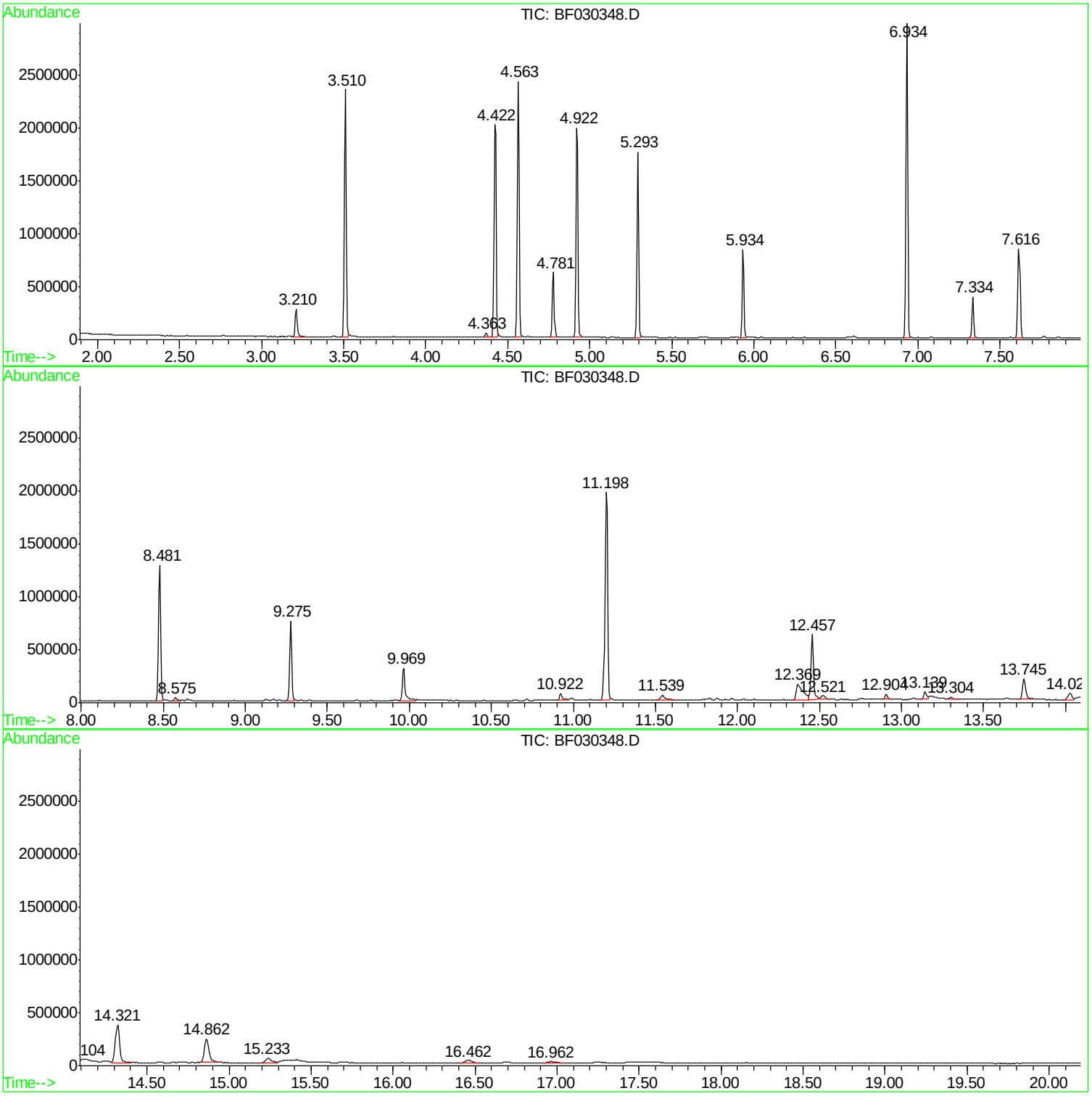
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LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

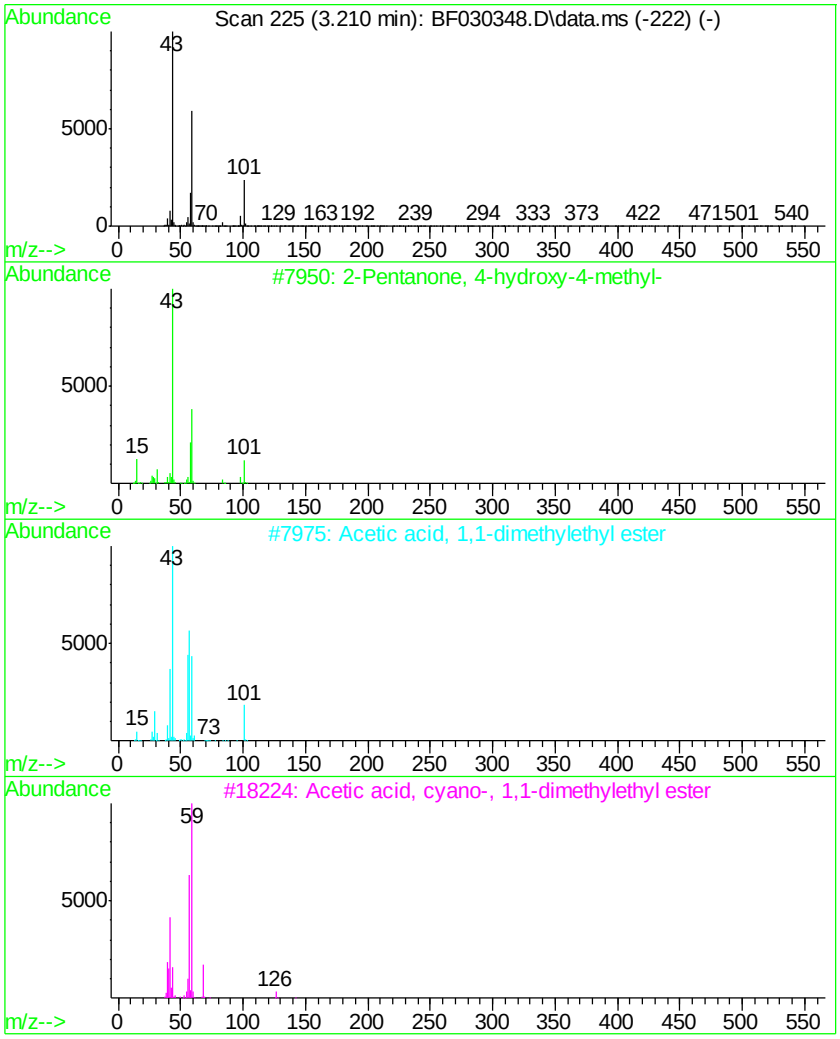
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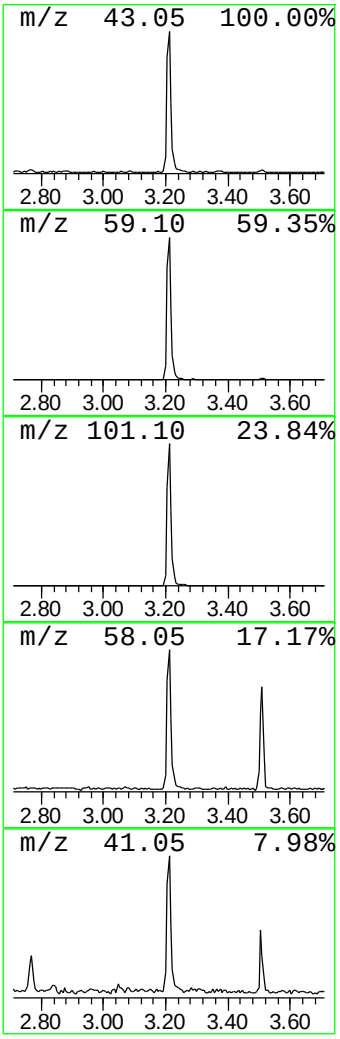
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.210	10.51 ng	250867	1,4-Dichlorobenzene-d4	4.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

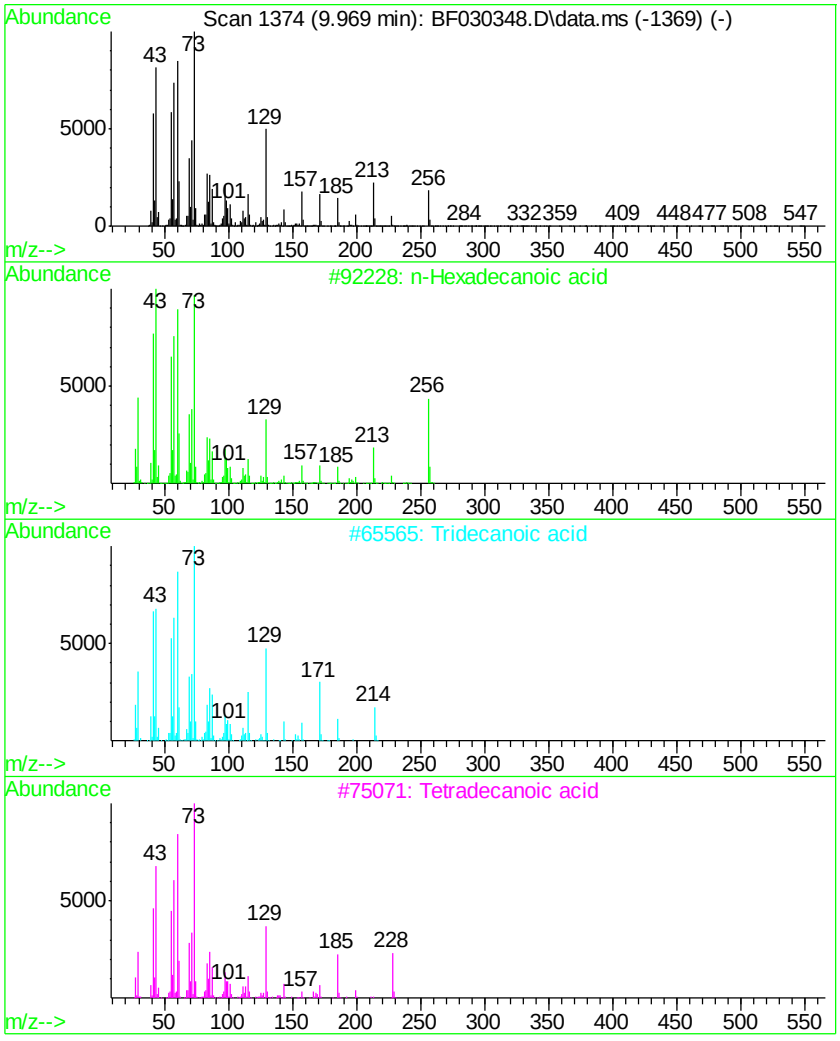
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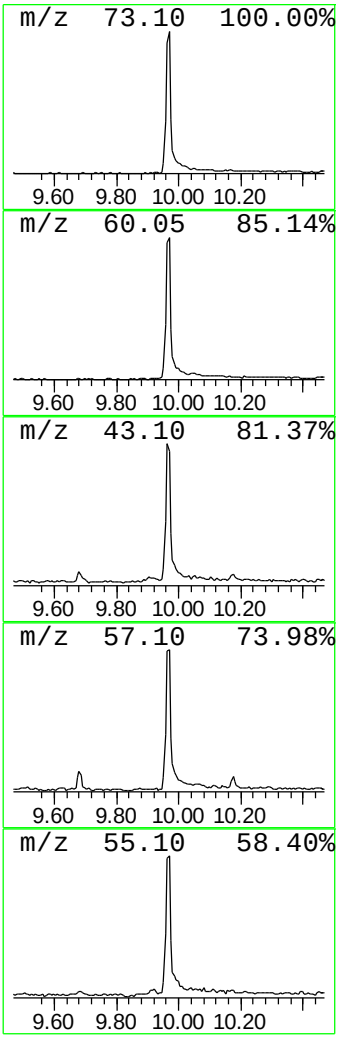
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.970	11.00 ng	374983	Phenanthrene-d10	9.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

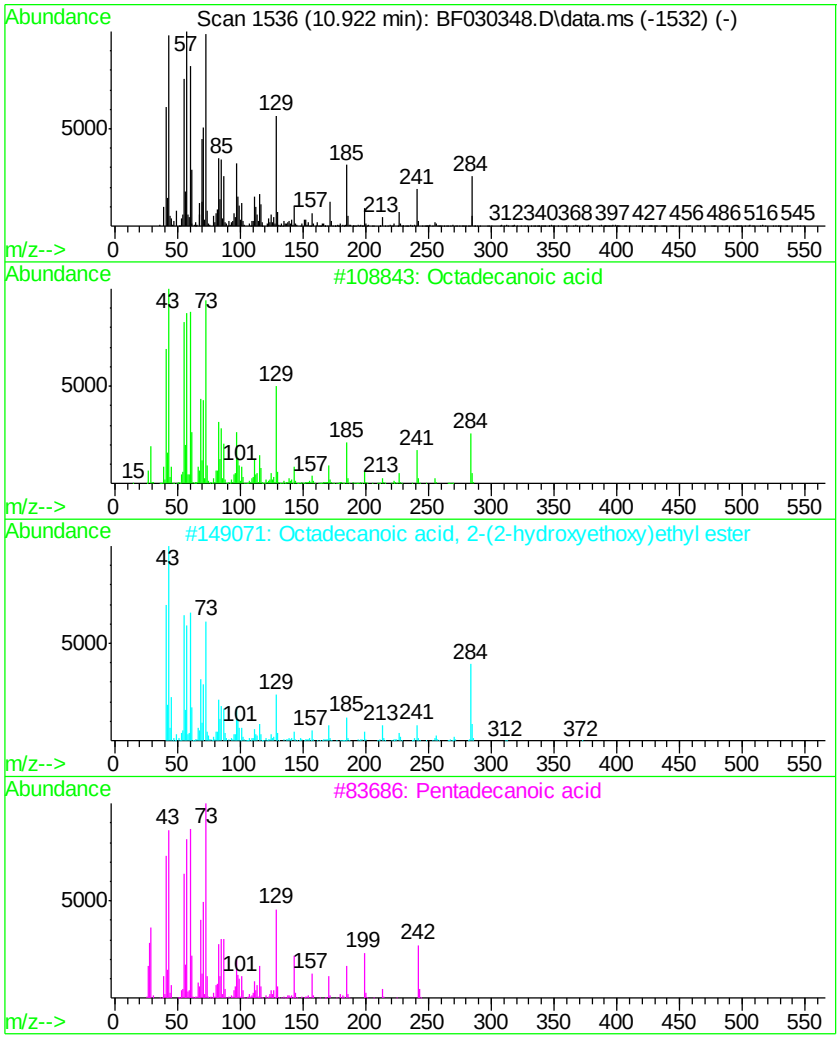
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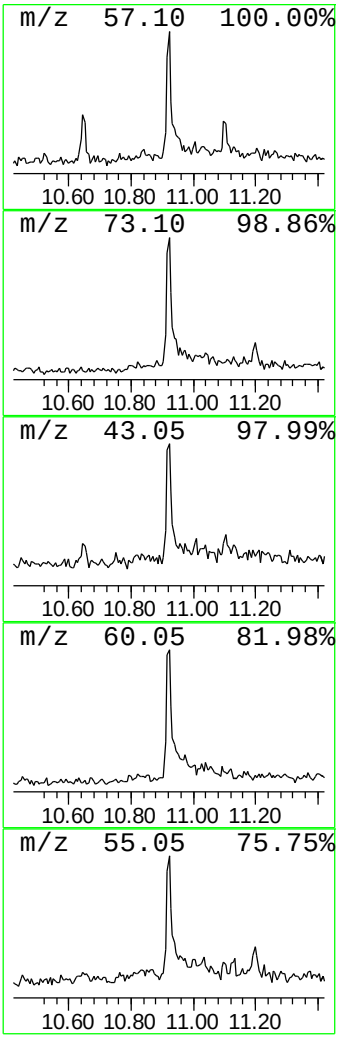
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Peak Number 3 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.920	2.70 ng	93304	Chrysene-d12	12.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

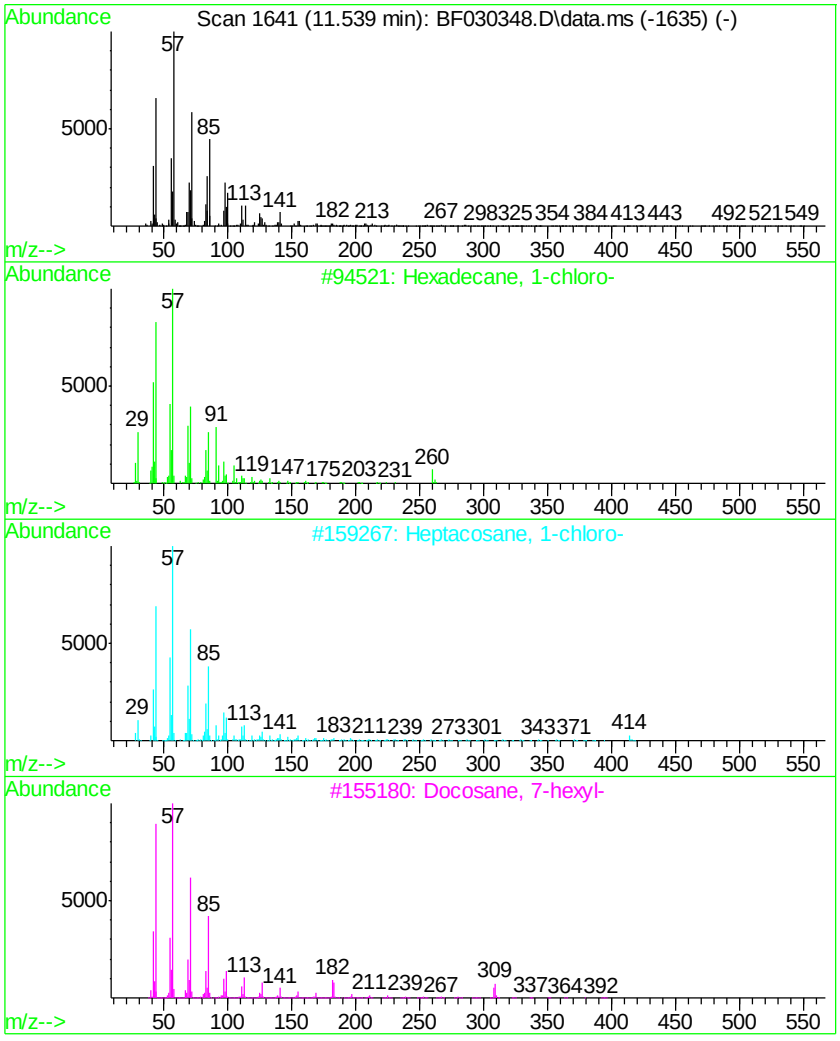
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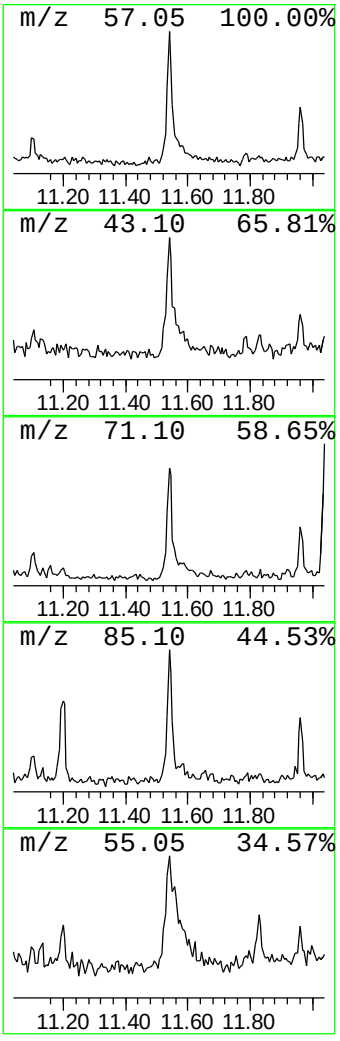
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Peak Number 4 Hexadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.540	3.20 ng	110450	Chrysene-d12	12.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

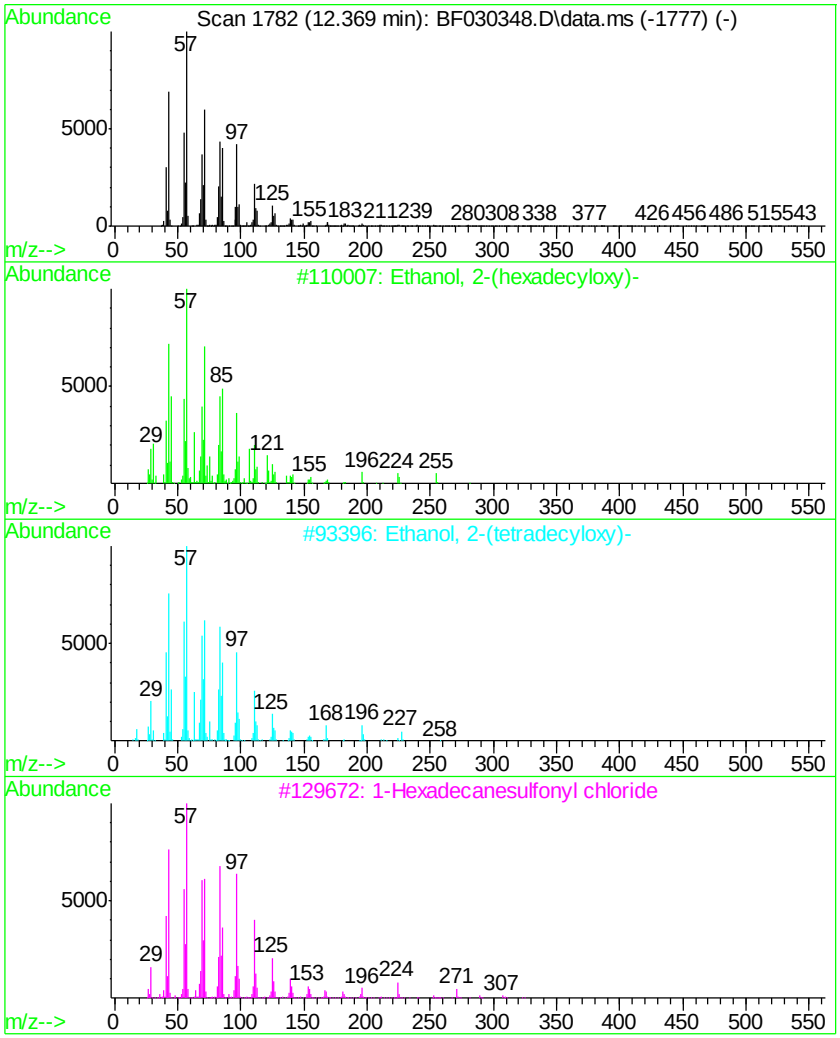
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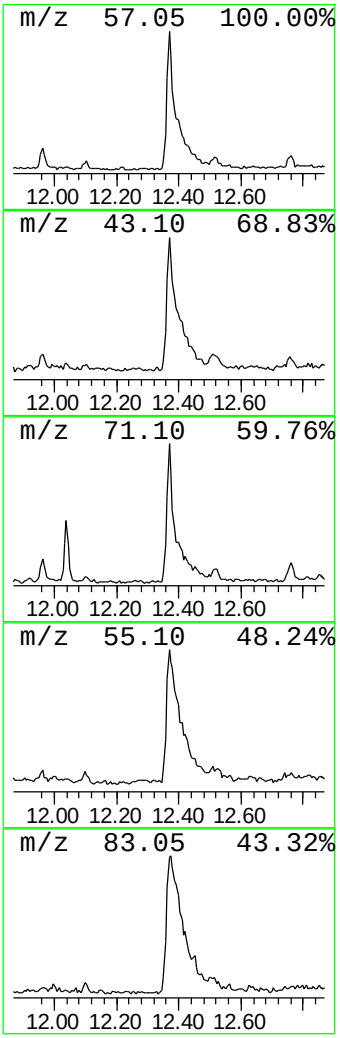
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Peak Number 5 Ethanol, 2-(hexadecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	11.64 ng	401688	Chrysene-d12	12.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

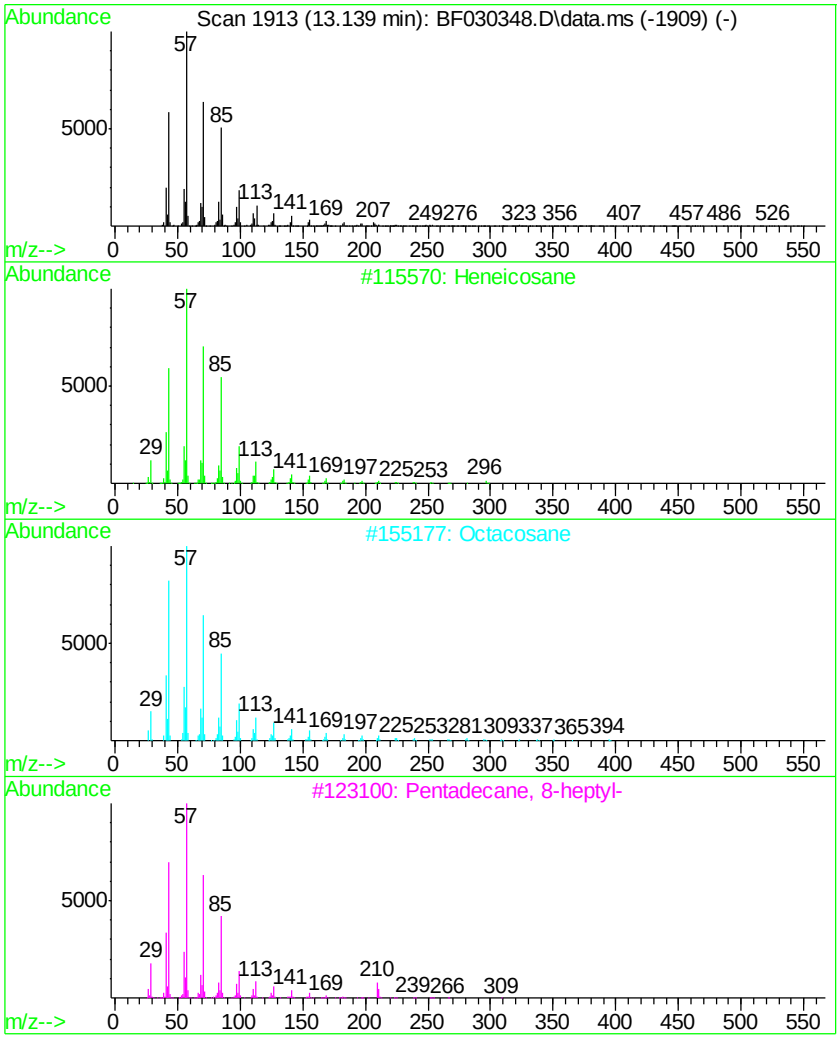
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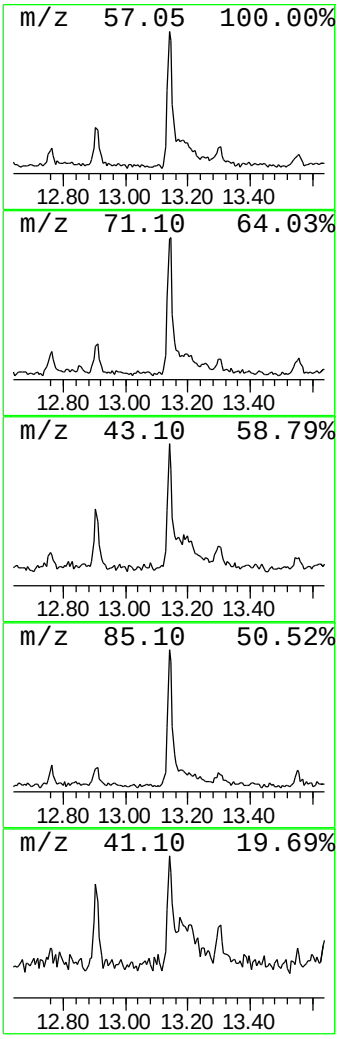
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Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.140	2.74 ng	94497	Chrysene-d12	12.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Docosane	310	C22H46	000629-97-0	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

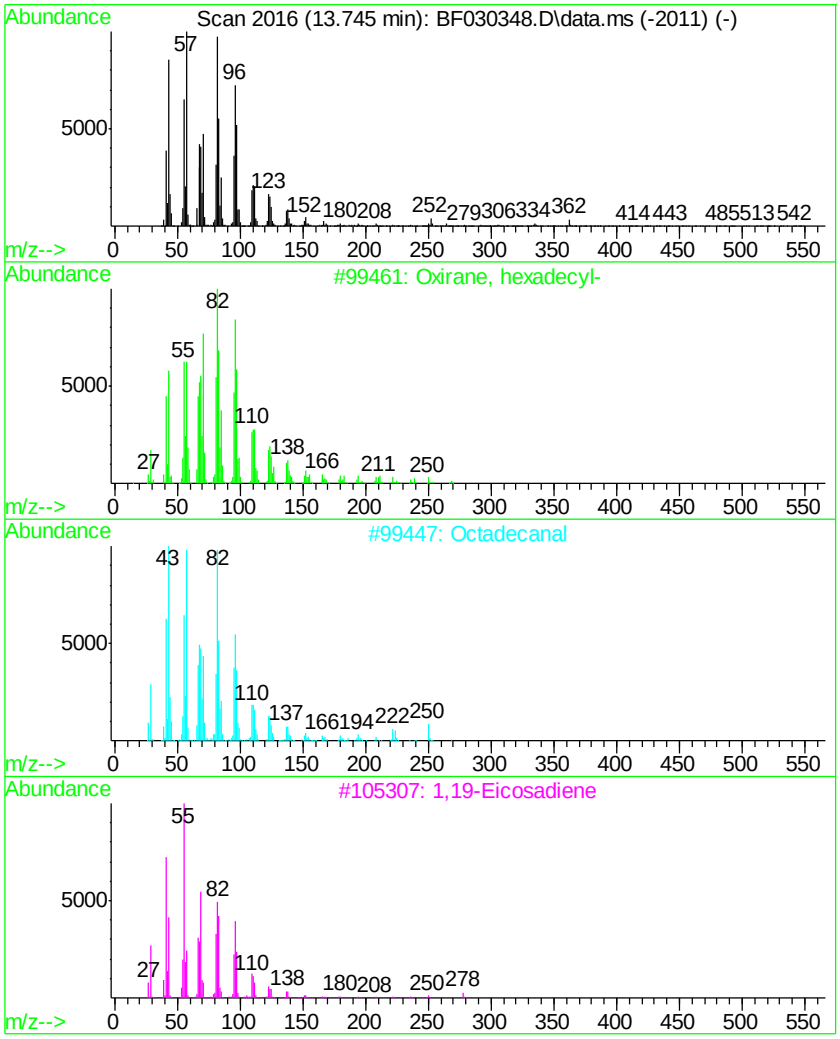
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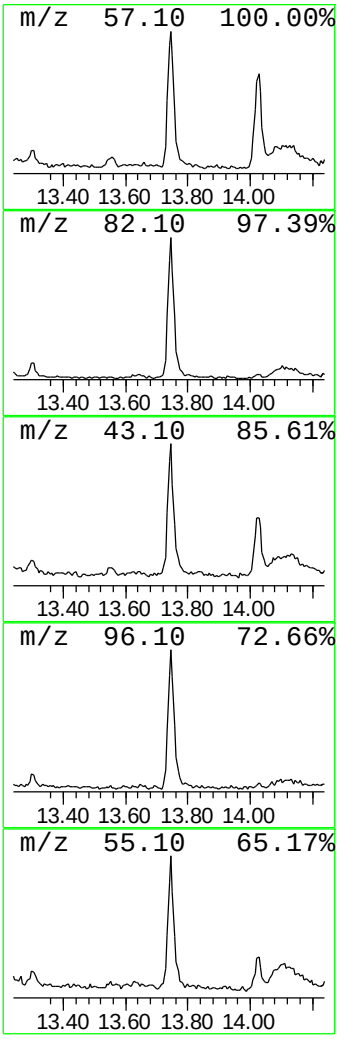
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Peak Number 7 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.740	9.78 ng	286005	Perylene-d12	14.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98
2	Octadecanal	268	C18H36O	000638-66-4	94
3	1,19-Eicosadiene	278	C20H38	014811-95-1	91
4	17-Octadecenal	266	C18H34O	056554-86-0	83
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	76





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

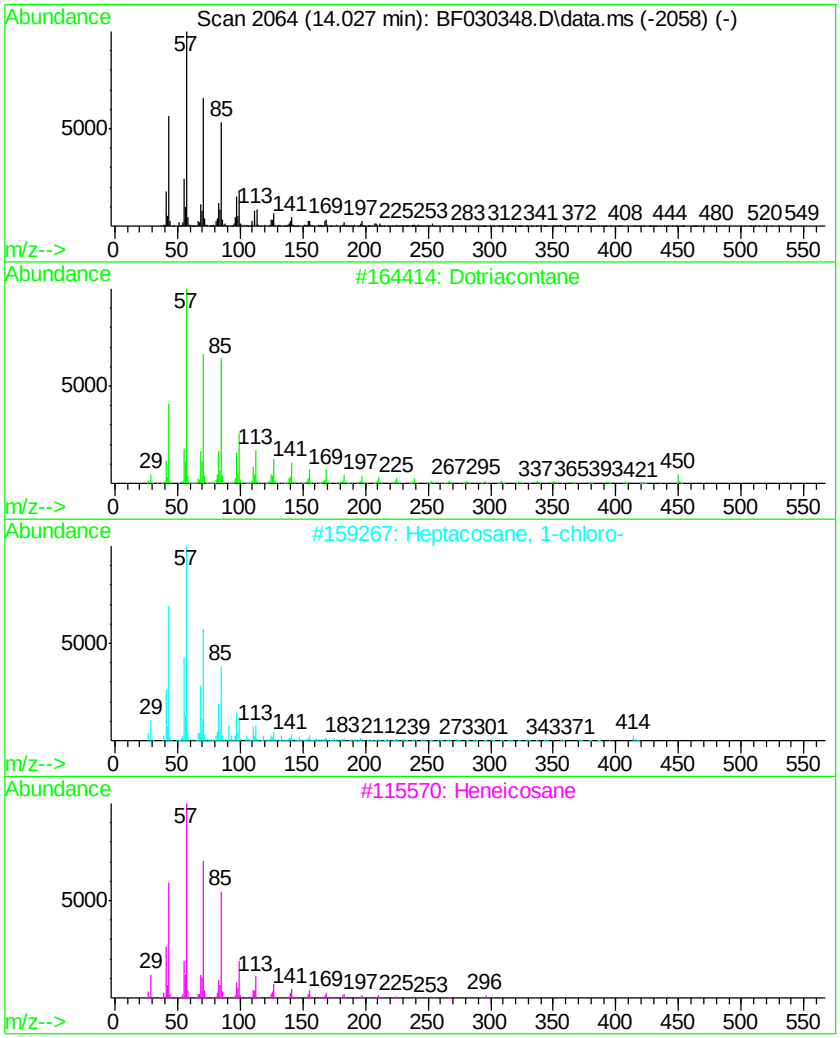
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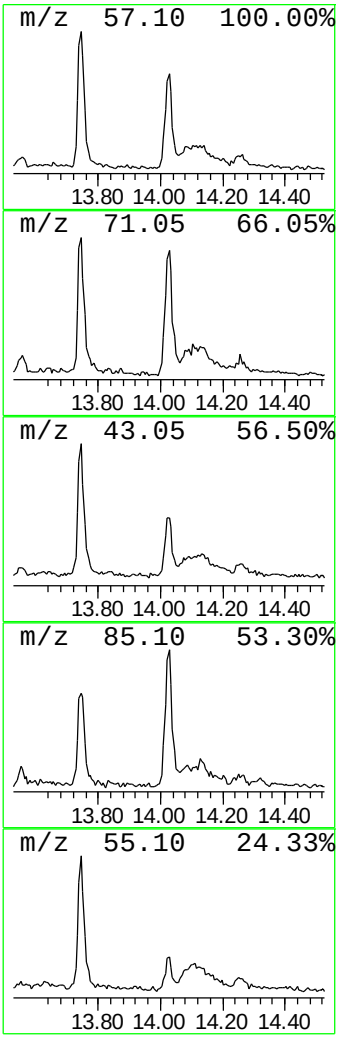
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Peak Number 8 Dotriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	3.35 ng	98104	Perylene-d12	14.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

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Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

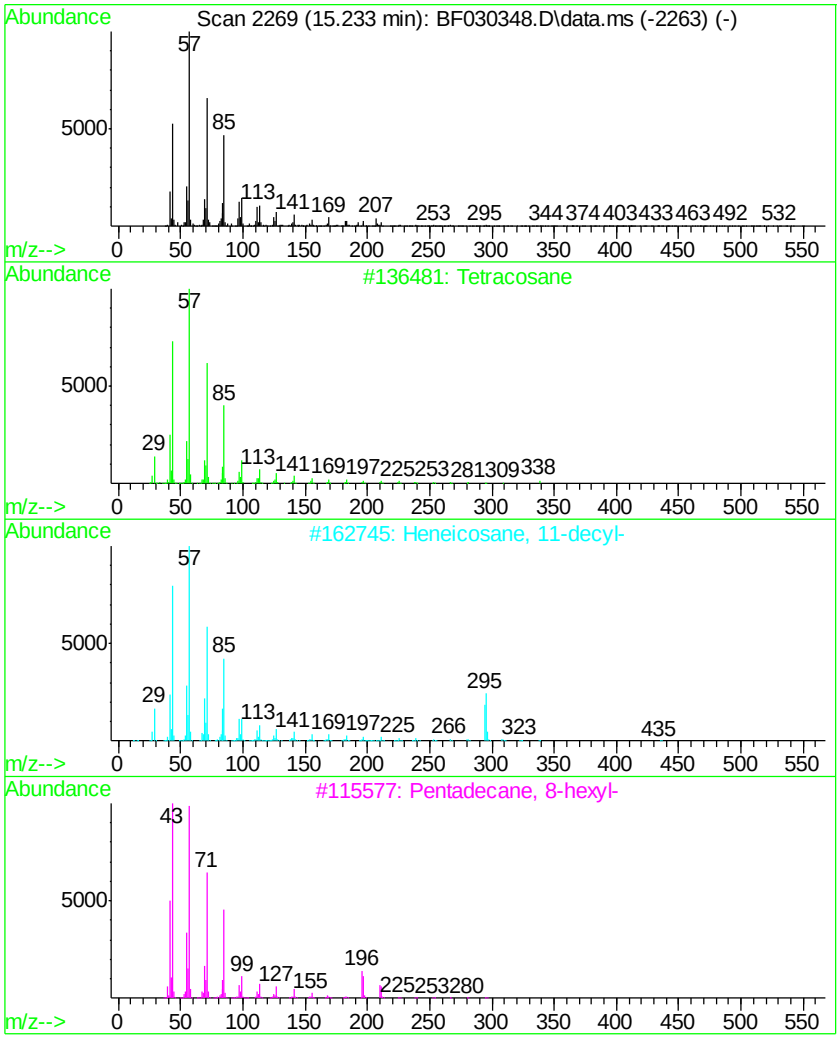
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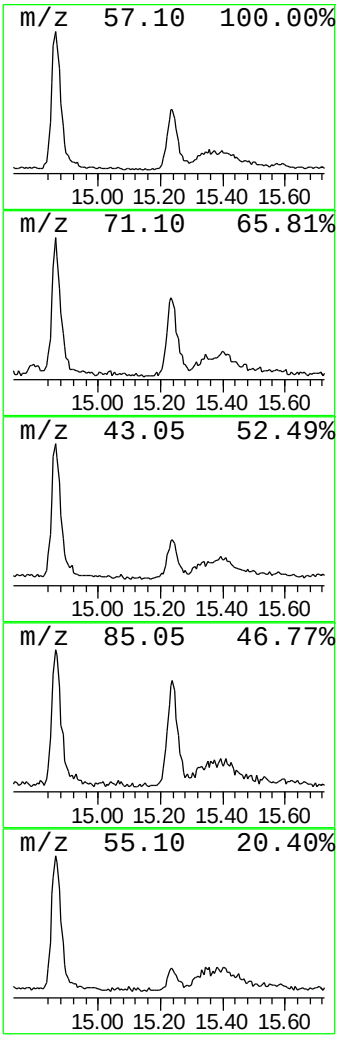
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Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.230	4.09 ng	119624	Perylene-d12	14.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91





Library Search Compound Report

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Acq On : 6 Aug 2009 18:57
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

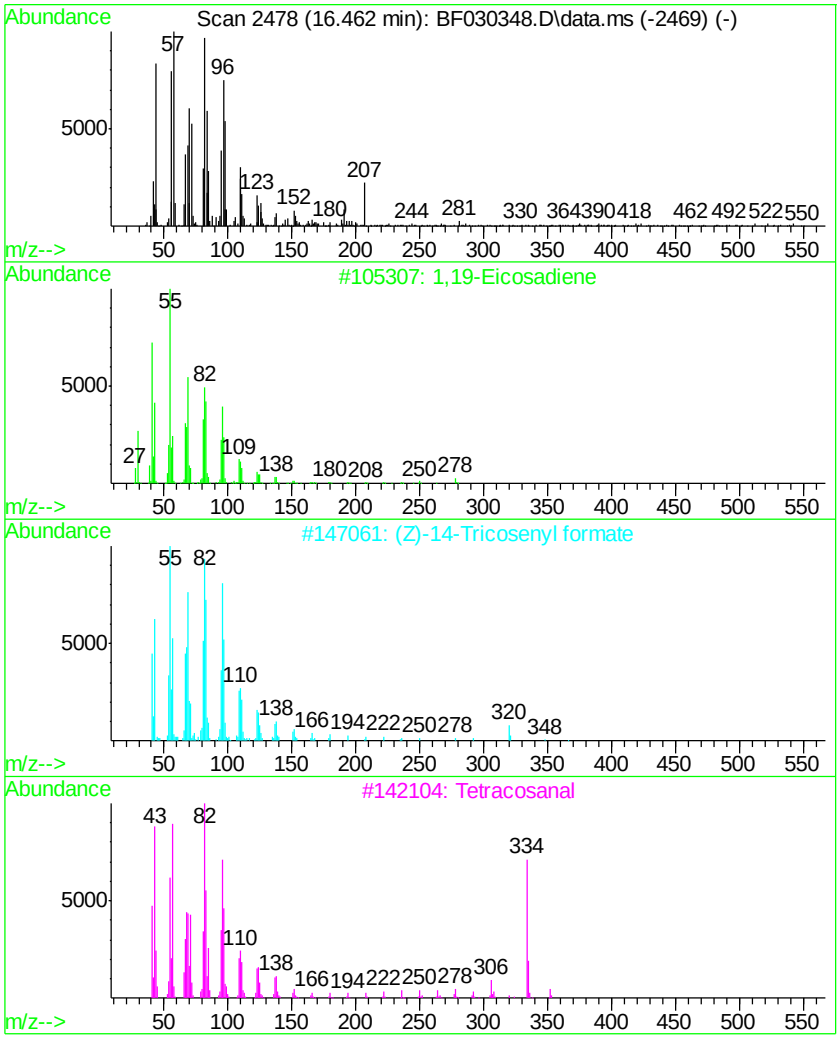
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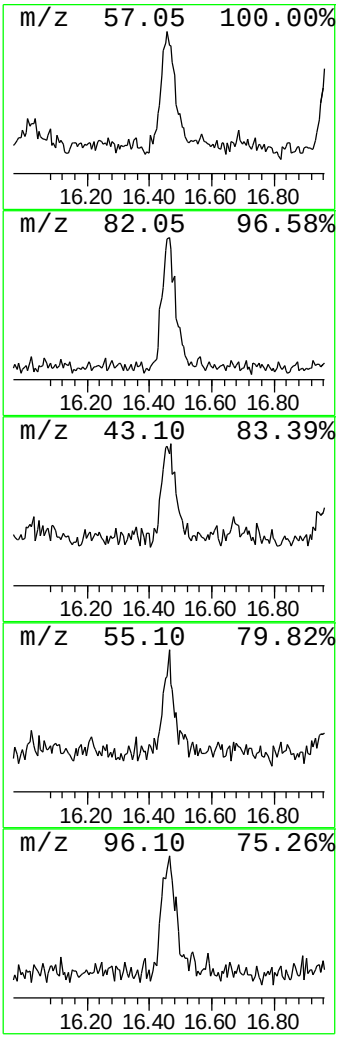
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Peak Number 11 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.460	2.38 ng	69616	Perylene-d12	14.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	90
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86
3	Tetracosanal	352	C24H48O	057866-08-7	86
4	Octadecanal	268	C18H36O	000638-66-4	83
5	Tetradecanal	212	C14H28O	000124-25-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030348.D
Acq On : 6 Aug 2009 18:57
Operator : QM
Sample : A3816-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	3.210	10.5	ng	250867	1	4.781	477277	20.0
n-Hexadecanoic ...	9.970	11.0	ng	374983	4	9.275	681824	20.0
Octadecanoic acid	10.920	2.7	ng	93304	5	12.457	690478	20.0
Hexadecane, 1-c...	11.540	3.2	ng	110450	5	12.457	690478	20.0
Ethanol, 2-(hex...	12.370	11.6	ng	401688	5	12.457	690478	20.0
Heneicosane	13.140	2.7	ng	94497	5	12.457	690478	20.0
Oxirane, hexade...	13.740	9.8	ng	286005	6	14.321	585031	20.0
Dotriacontane	14.030	3.4	ng	98104	6	14.321	585031	20.0
Tetracosane	15.230	4.1	ng	119624	6	14.321	585031	20.0
1,19-Eicosadiene	16.460	2.4	ng	69616	6	14.321	585031	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	53	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	530	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

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Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

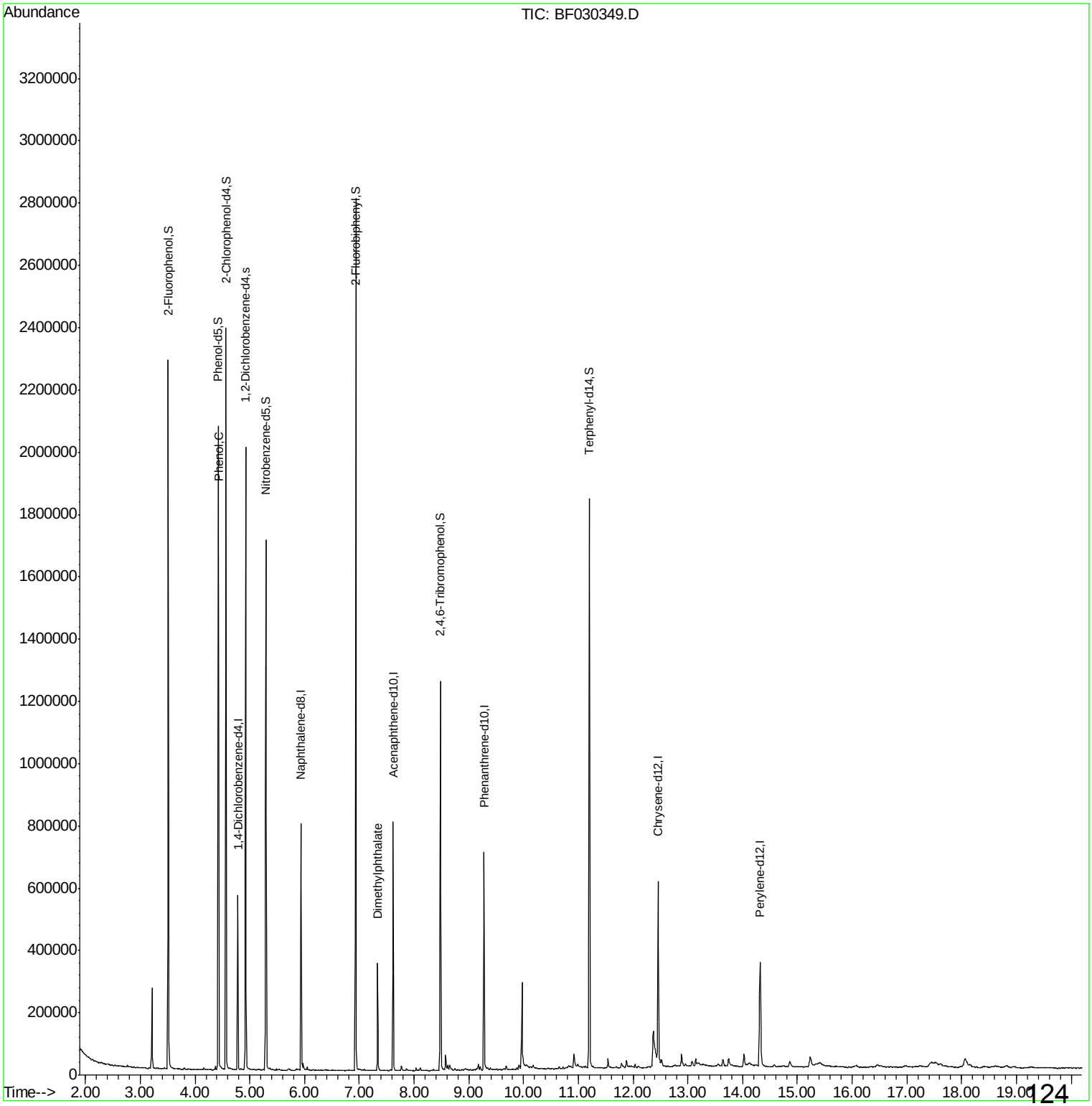
Number TICS found: 6

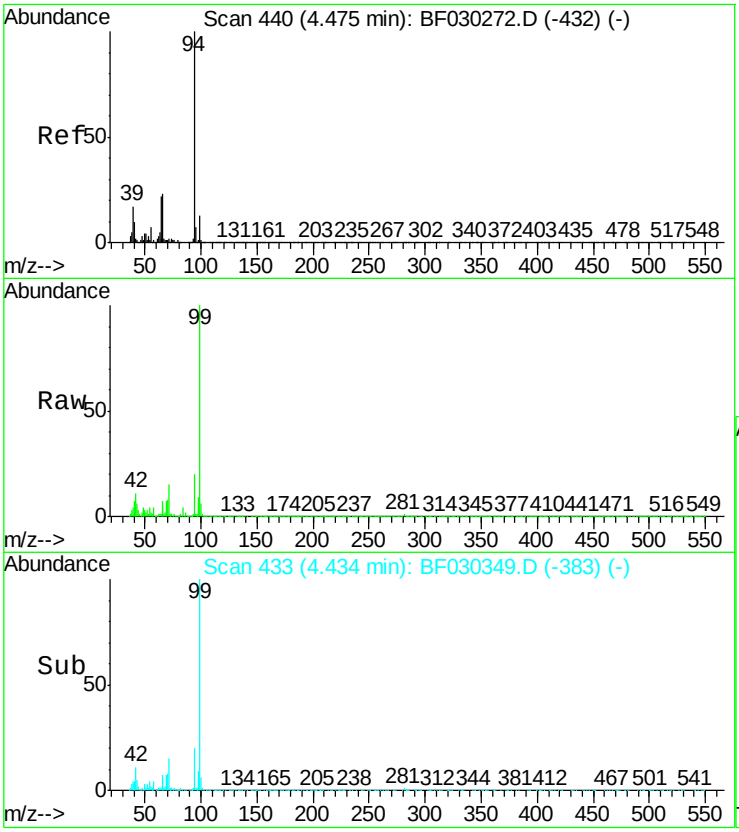
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	460	AB
57-10-3	n-Hexadecanoic acid	9.97	450	J
295-65-8	Cyclohexadecane	12.37	440	J
630-03-5	Nonacosane	14.02	98	J
630-02-4	Octacosane	15.23	130	J
	unknown18.07	18.07	100	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 23:20:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

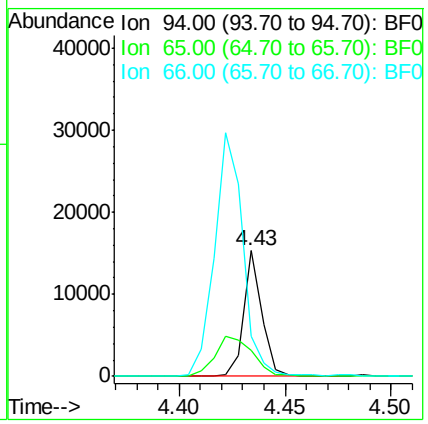


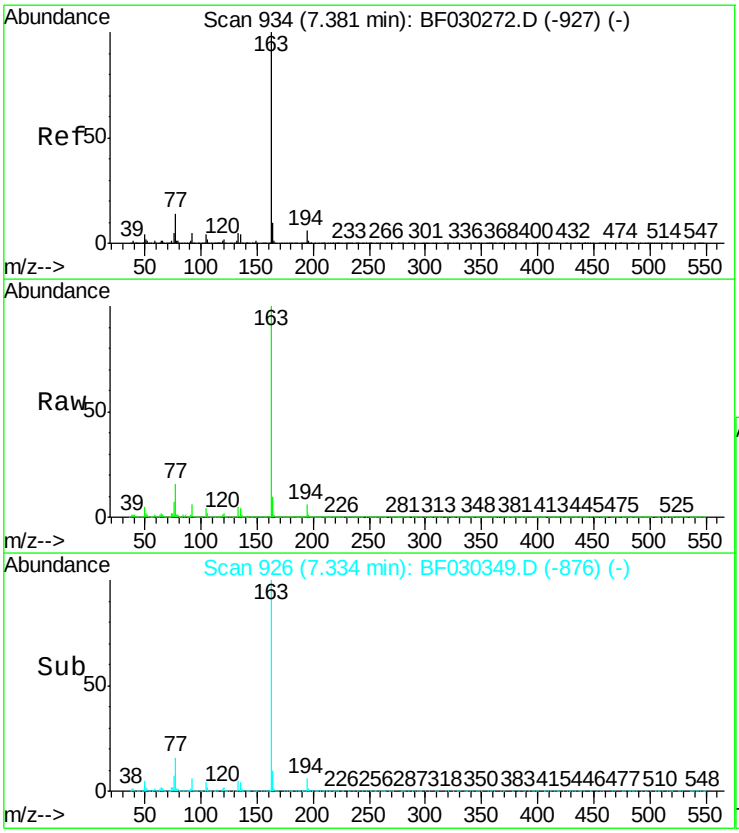


#10
Phenol
Concen: 1.28 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030349.D
Acq: 6 Aug 2009 19:25

Tgt Ion: 94 Resp: 9144

Ion	Ratio	Lower	Upper
94	100		
65	20.4	7.3	47.3
66	32.4	15.5	55.5

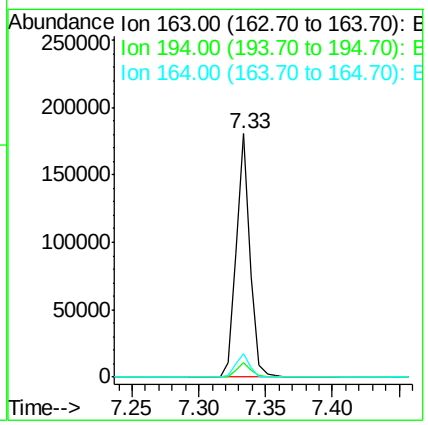




#51
Dimethylphthalate
Concen: 12.77 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030349.D
Acq: 6 Aug 2009 19:25

Tgt Ion:163 Resp: 131067

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.5	6.7
164	9.7	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 23:20:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	90478	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	326444	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	165668	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	270468	20.00	ng	0.00
77) Chrysene-d12	12.46	240	228684	20.00	ng	0.00
88) Perylene-d12	14.32	264	194966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	657680	129.77	ng	0.00
7) Phenol-d5	4.42	99	850616	135.01	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	645374	135.80	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	315753	101.75	ng	0.00
25) Nitrobenzene-d5	5.29	82	440646	95.81	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	154393	149.64	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	847528	102.15	ng	0.00
80) Terphenyl-d14	11.20	244	692068	99.60	ng	0.00
Target Compounds						Qvalue
10) Phenol	4.43	94	9144	1.28	ng	91
51) Dimethylphthalate	7.33	163	131067	12.77	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	221	225	232	rVB	259427	250324	11.27%	1.297%
2	3.510	272	276	279	rBV	2275464	1860071	83.71%	9.637%
3	4.422	427	431	434	rBV	2065109	1897646	85.41%	9.832%
4	4.563	451	455	458	rBV	2381985	1979056	89.07%	10.254%
5	4.781	488	492	495	rBV	562543	456780	20.56%	2.367%
6	4.922	513	516	520	rVB	1990292	1622652	73.03%	8.407%
7	5.293	575	579	582	rBV	1702564	1257832	56.61%	6.517%
8	5.934	685	688	691	rBV	791626	595261	26.79%	3.084%
9	6.934	854	858	861	rBV	2800448	2221937	100.00%	11.512%
10	7.334	923	926	929	rBV	343060	251050	11.30%	1.301%
11	7.616	971	974	978	rBV	796462	649311	29.22%	3.364%
12	8.481	1116	1121	1124	rBV	1250039	1216368	54.74%	6.302%
13	8.575	1133	1137	1141	rBV	45548	46617	2.10%	0.242%
14	9.275	1252	1256	1260	rBV	699900	643110	28.94%	3.332%
15	9.969	1369	1374	1385	rBV2	279191	350633	15.78%	1.817%
16	10.922	1532	1536	1544	rBV	44711	62846	2.83%	0.326%
17	11.198	1578	1583	1587	rBV	1827785	1970076	88.66%	10.207%
18	11.539	1637	1641	1645	rBV	29137	32451	1.46%	0.168%
19	11.880	1695	1699	1703	rBV	23772	31160	1.40%	0.161%
20	12.369	1775	1782	1793	rBV3	117140	341096	15.35%	1.767%
21	12.457	1793	1797	1804	rVV	595711	641688	28.88%	3.325%
22	12.516	1805	1807	1813	rVB	21262	27846	1.25%	0.144%
23	12.886	1865	1870	1872	rBV2	36559	44687	2.01%	0.232%
24	13.139	1910	1913	1917	rBV	22715	27657	1.24%	0.143%
25	13.745	2012	2016	2023	rBV6	22072	36591	1.65%	0.190%
26	14.021	2059	2063	2070	rBV	39450	63305	2.85%	0.328%
27	14.321	2107	2114	2127	rVB	335119	539173	24.27%	2.793%
28	14.863	2202	2206	2216	rVB6	17837	37465	1.69%	0.194%
29	15.233	2263	2269	2279	rBV2	32794	81780	3.68%	0.424%
30	18.068	2744	2751	2760	rBV2	21692	64686	2.91%	0.335%

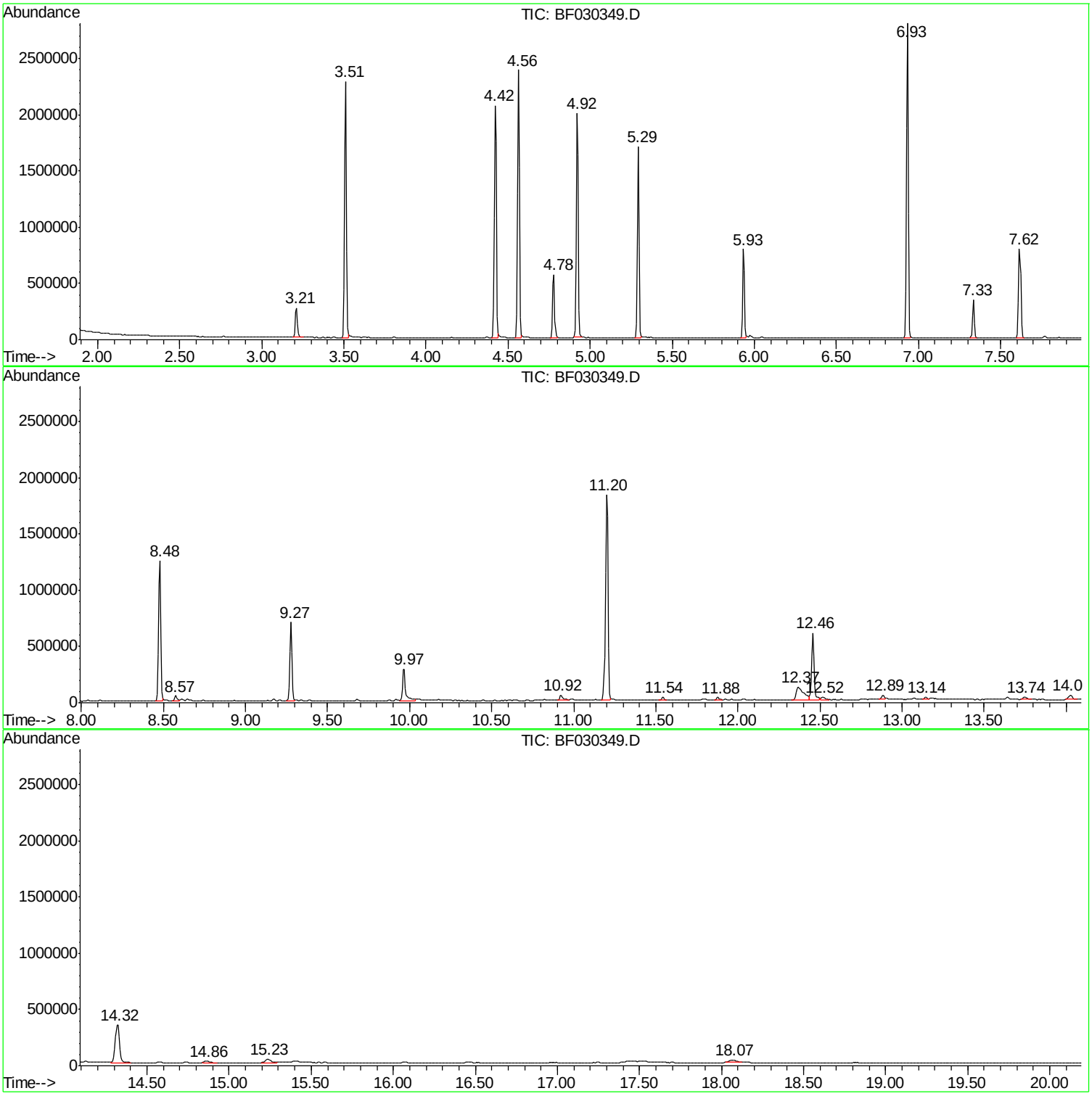
Sum of corrected areas: 19301155

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

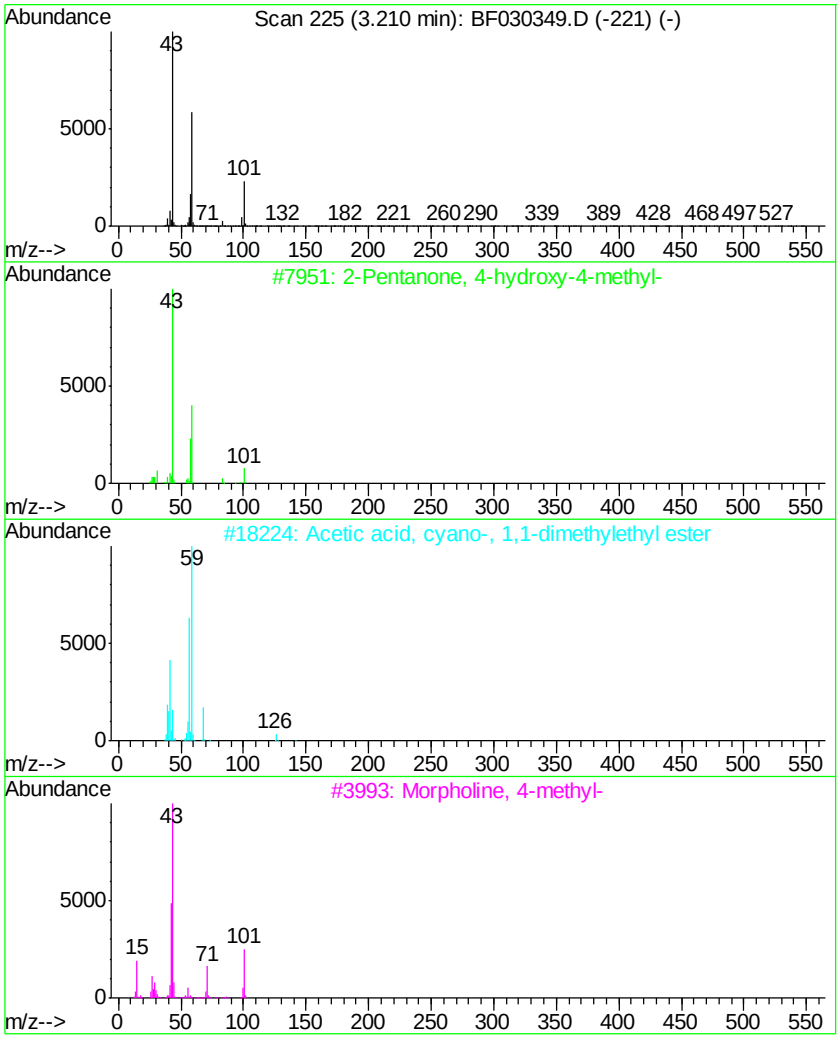
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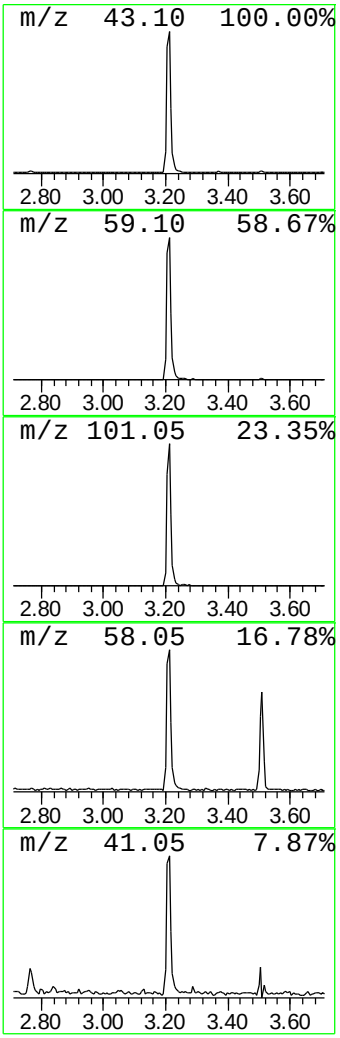
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.96 ng	250324	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

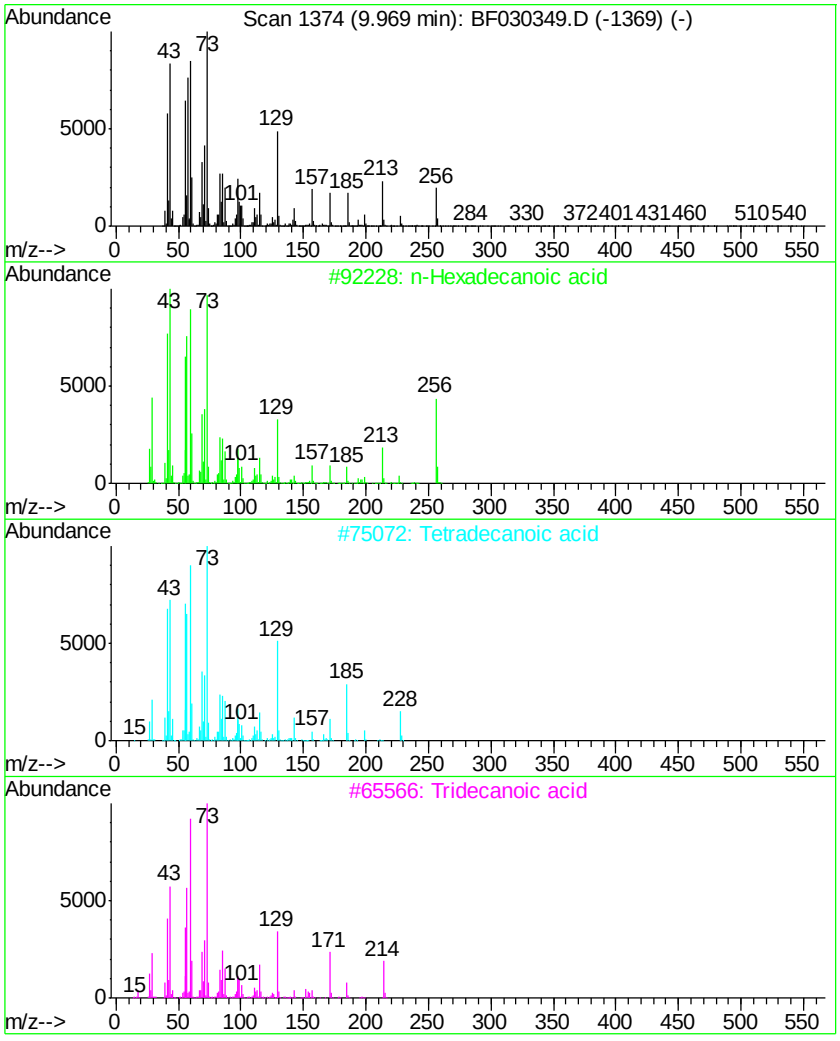
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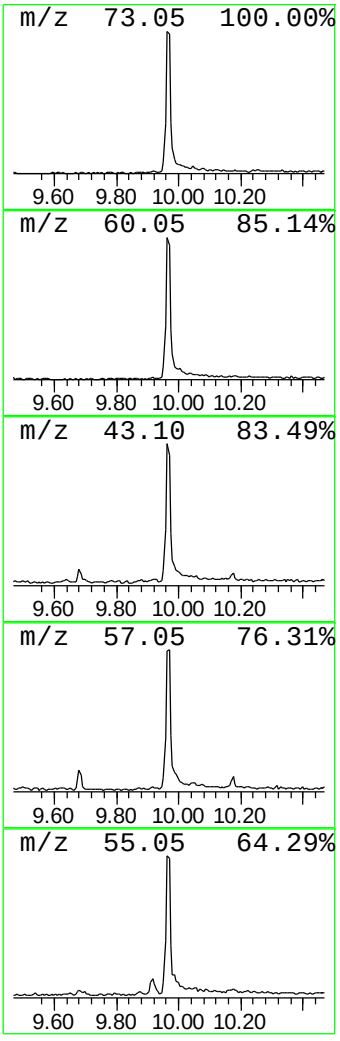
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	10.90 ng	350633	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

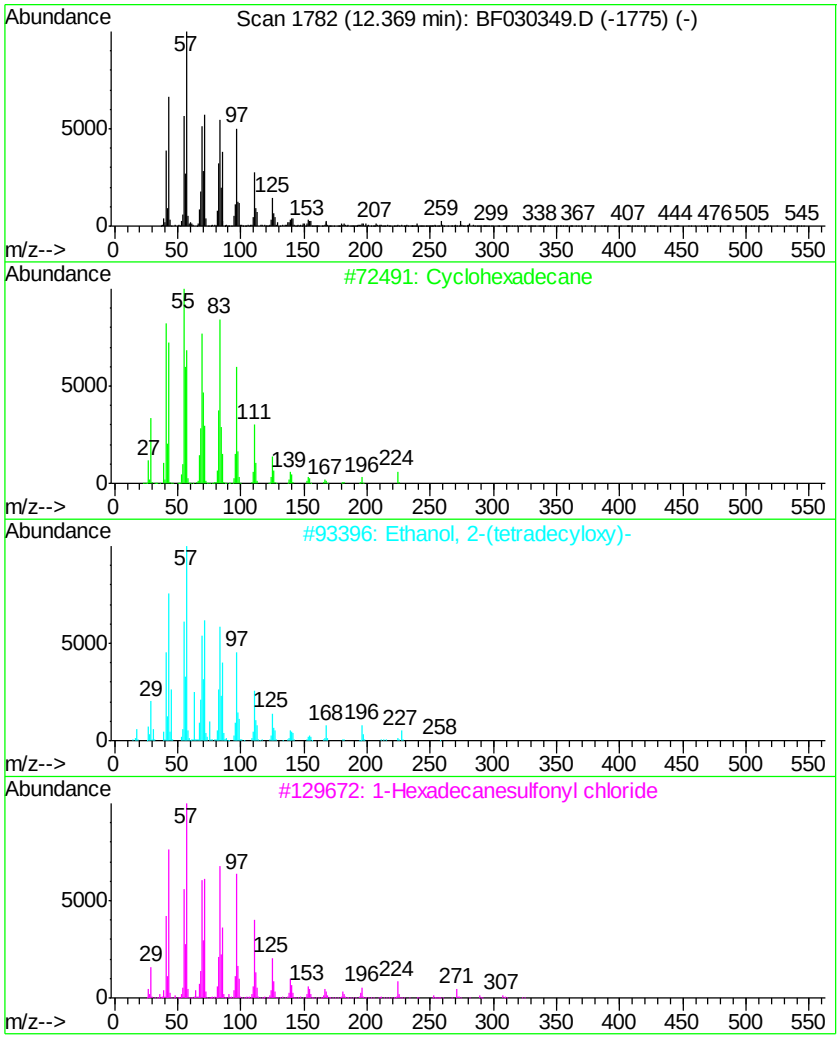
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

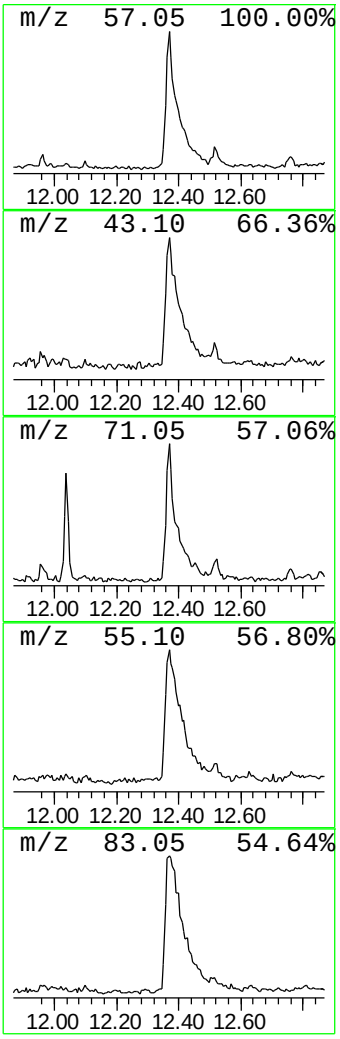
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Peak Number 3 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.63 ng	341096	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

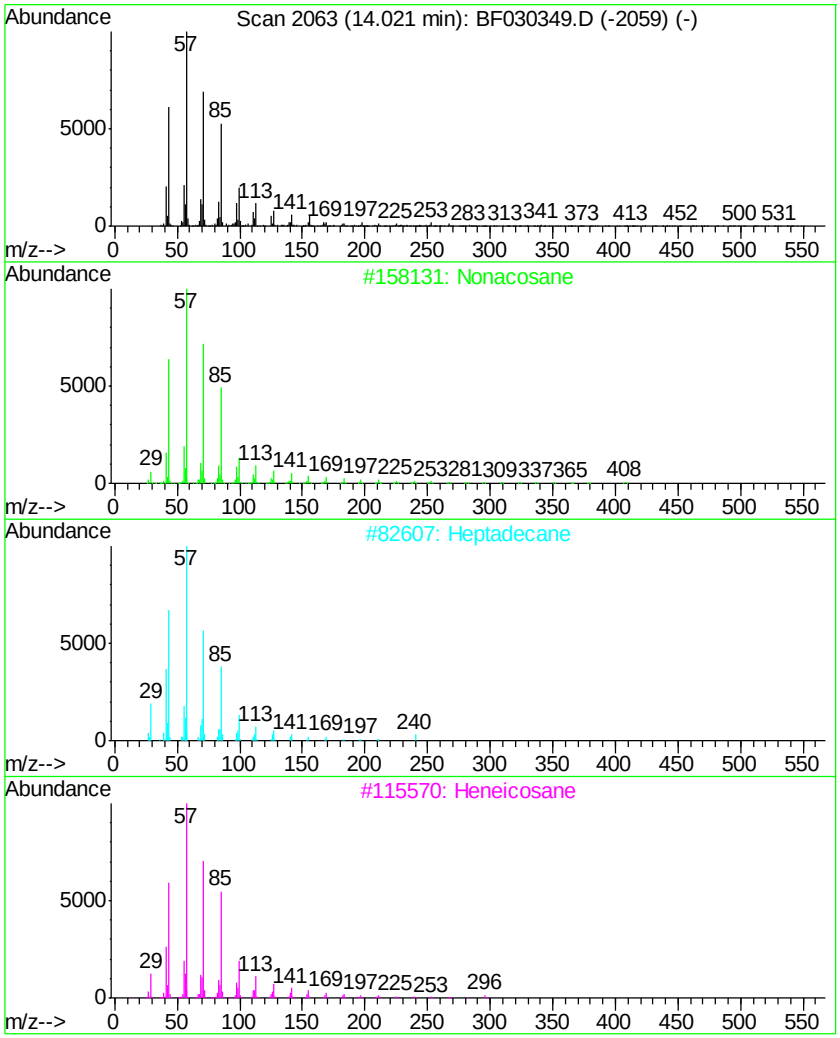
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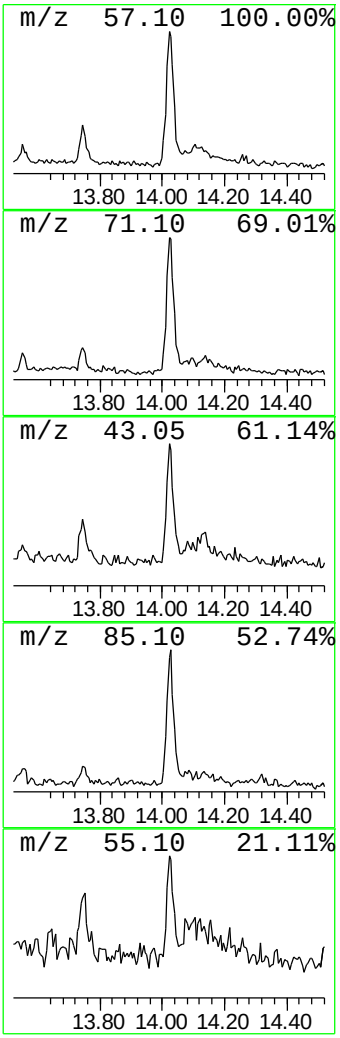
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Peak Number 4 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.35 ng	63305	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	93
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

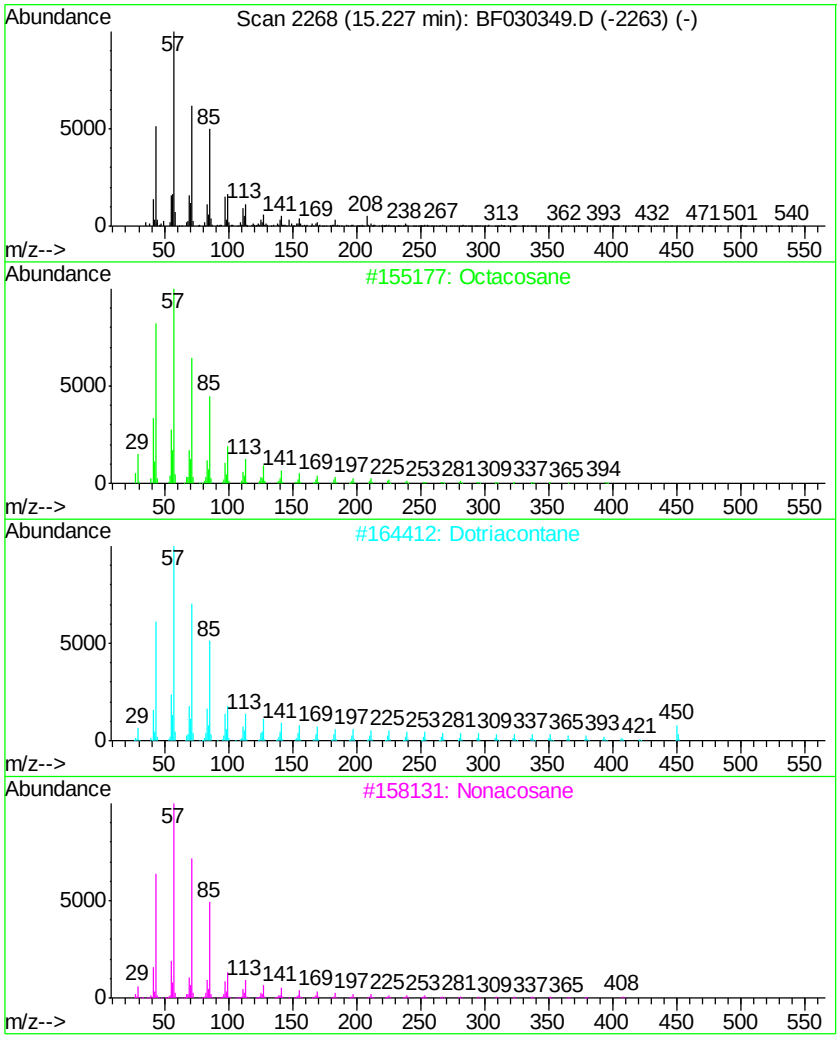
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TIC Integration Parameters: LSCINT.P

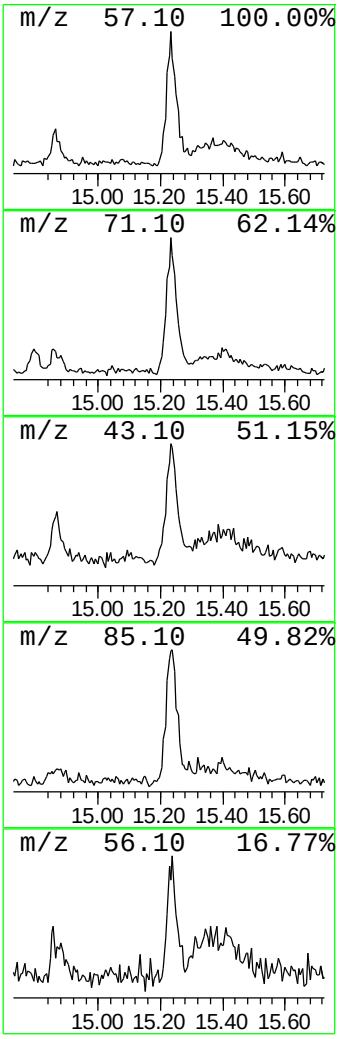
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Peak Number 5 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	3.03 ng	81780	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Dotriacontane	451	C32H66	000544-85-4	83
3	Nonacosane	408	C29H60	000630-03-5	83
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Tetratriacontane	479	C34H70	014167-59-0	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

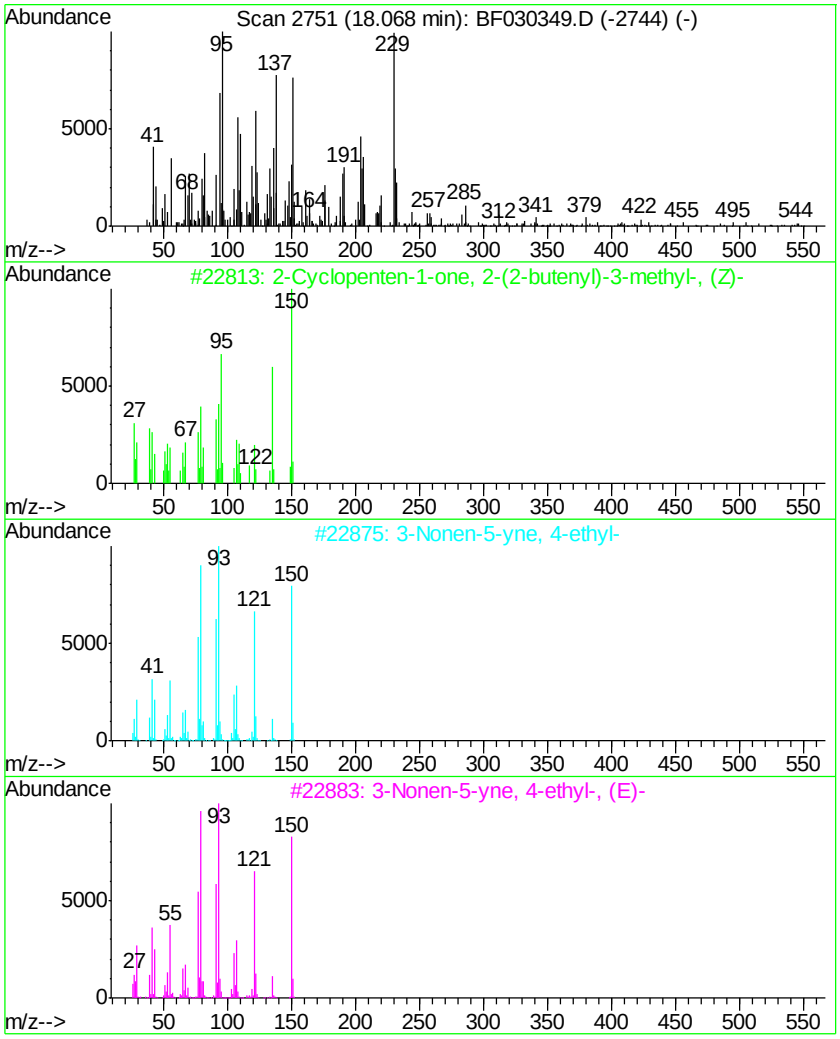
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TIC Integration Parameters: LSCINT.P

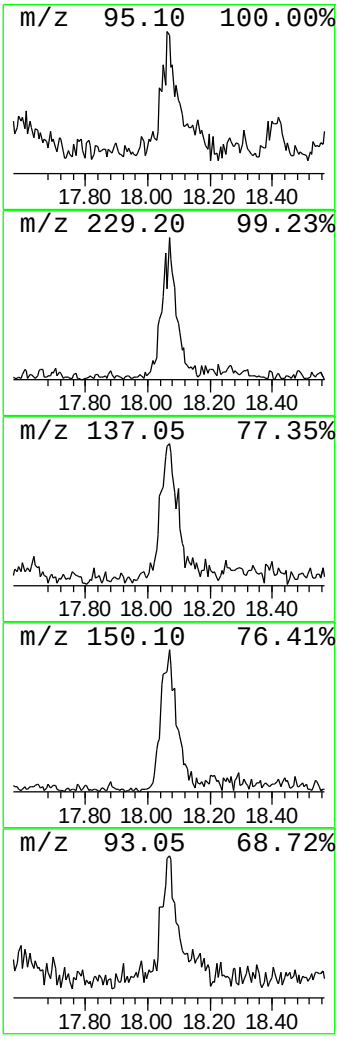
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Peak Number 6 unknown18.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.40 ng	64686	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-(2-buteny...	150	C10H14O	017190-71-5	25
2	3-Nonen-5-yne, 4-ethyl-	150	C11H18	074685-67-9	25
3	3-Nonen-5-yne, 4-ethyl-, (E)-	150	C11H18	074744-60-8	25
4	3,6,10,10-Tetramethyl-1-oxa-spir...	206	C13H18O2	1000193-38-3	25
5	3-Nonen-5-yne, 4-ethyl-, (Z)-	150	C11H18	074744-26-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030349.D
Acq On : 6 Aug 2009 19:25
Operator : QM
Sample : A3816-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	11.0	ng	250324	1	4.78	456780	20.0
n-Hexadecanoic acid	9.97	10.9	ng	350633	4	9.27	643110	20.0
Cyclohexadecane	12.37	10.6	ng	341096	5	12.46	641688	20.0
Nonacosane	14.02	2.4	ng	63305	6	14.32	539173	20.0
Octacosane	15.23	3.0	ng	81780	6	14.32	539173	20.0
unknown18.07	18.07	2.4	ng	64686	6	14.32	539173	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	410	
108-95-2	Phenol	42	J
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
65794-96-9	3+4-Methylphenols	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
92-52-4	1,1-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	380	U
131-11-3	Dimethylphthalate	400	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	380	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	380	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	380	U
534-52-1	4,6-Dinitro-2-methylphenol	380	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

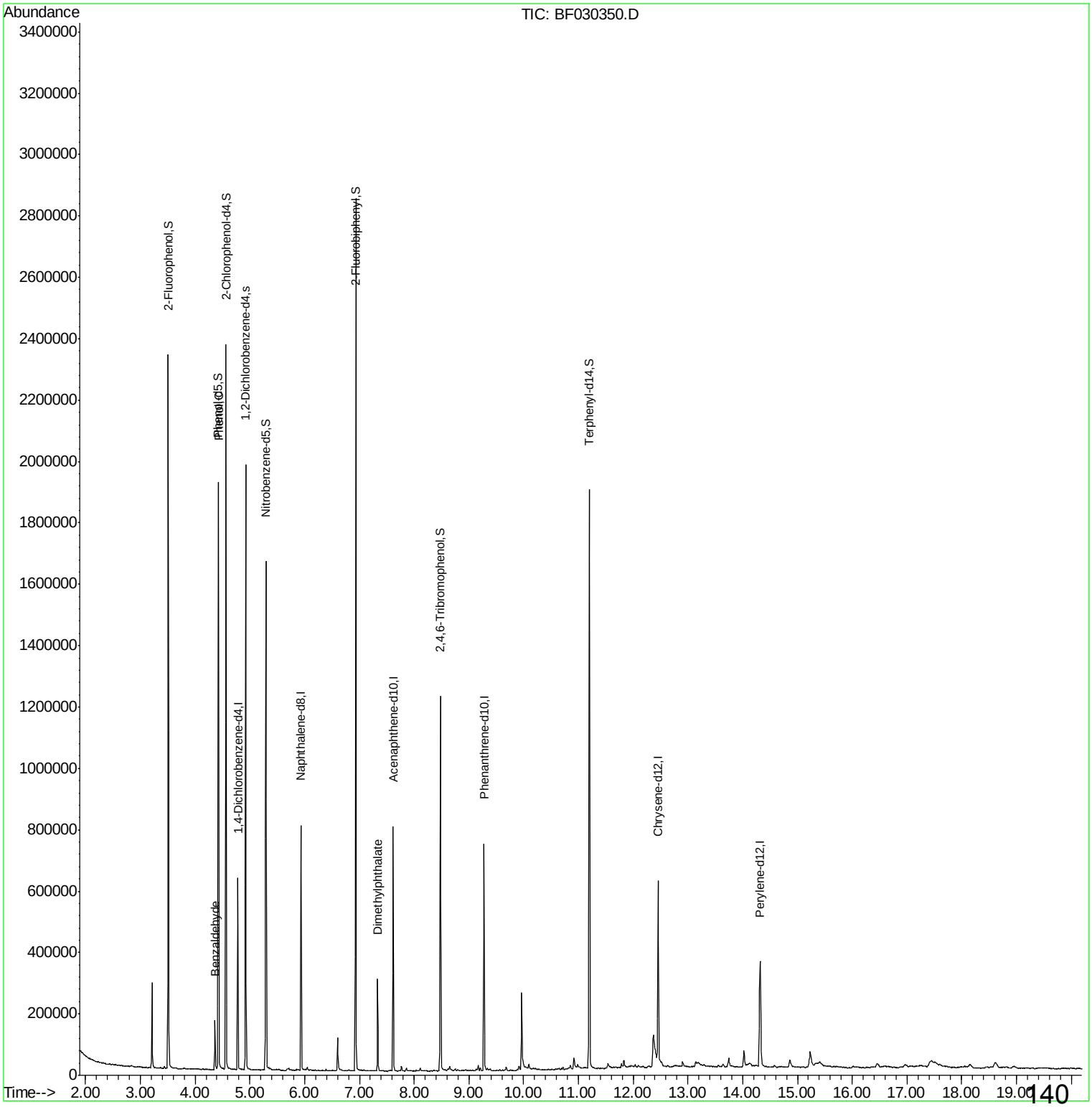
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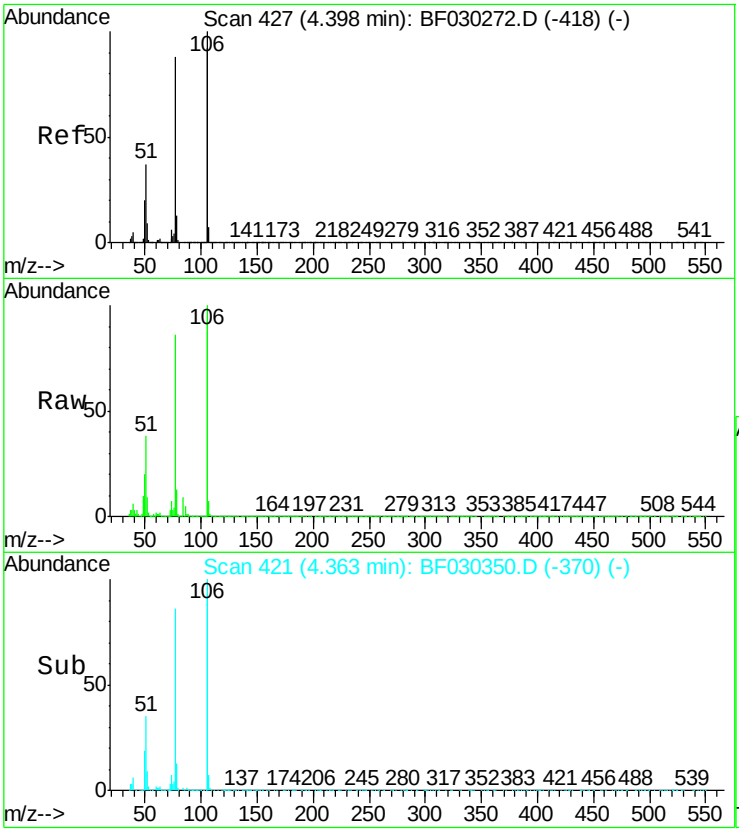
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	390	AB
532-28-5	Benzeneacetonitrile, .alpha.-hydro	6.6	150	J
57-10-3	n-Hexadecanoic acid	9.96	330	J
74685-30-6	5-Eicosene, (E)-	12.37	390	J
7225-64-1	Heptadecane, 9-octyl-	14.02	120	J
54833-23-7	Eicosane, 10-methyl-	15.23	180	J
350816-89-6	2,2,2-Trichlorethyl-3-[2-(brommeth	17.44	91	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 11:09:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

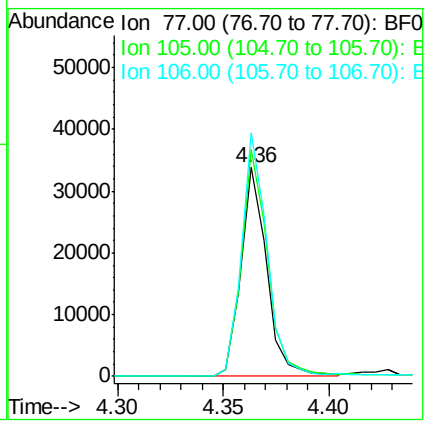


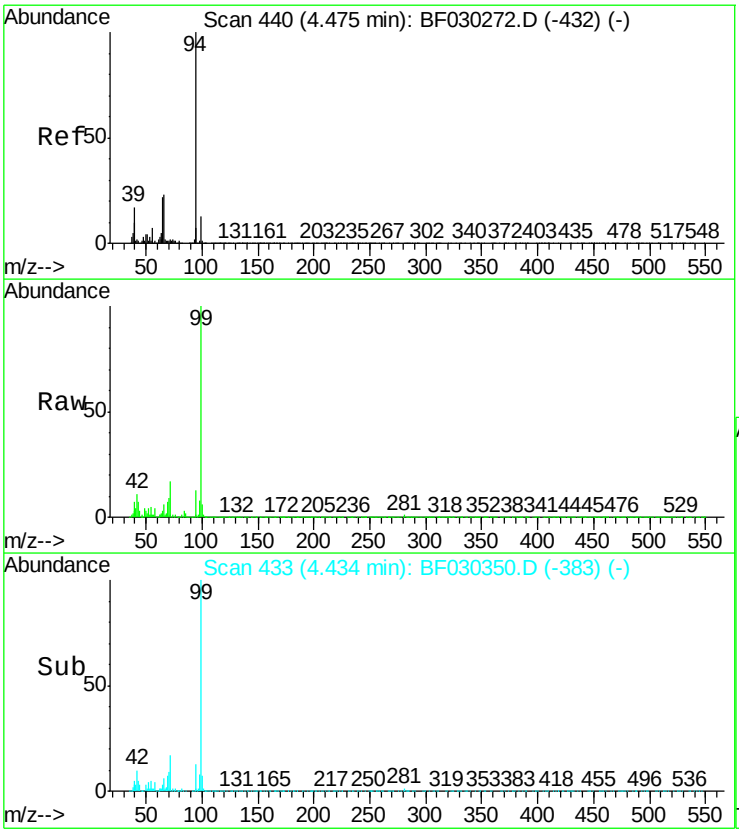


#9
Benzaldehyde
Concen: 10.67 ng
RT: 4.36 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF030350.D
Acq: 6 Aug 2009 19:52

Tgt Ion: 77 Resp: 28536

Ion	Ratio	Lower	Upper
77	100		
105	108.8	92.4	132.4
106	116.7	97.9	137.9

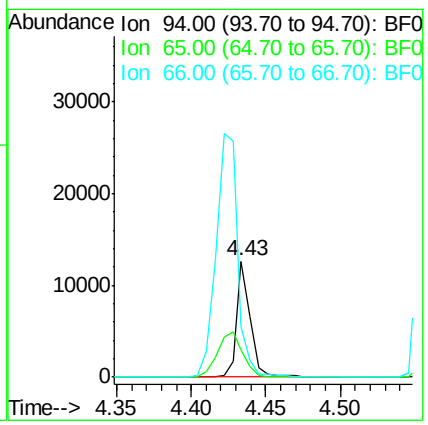


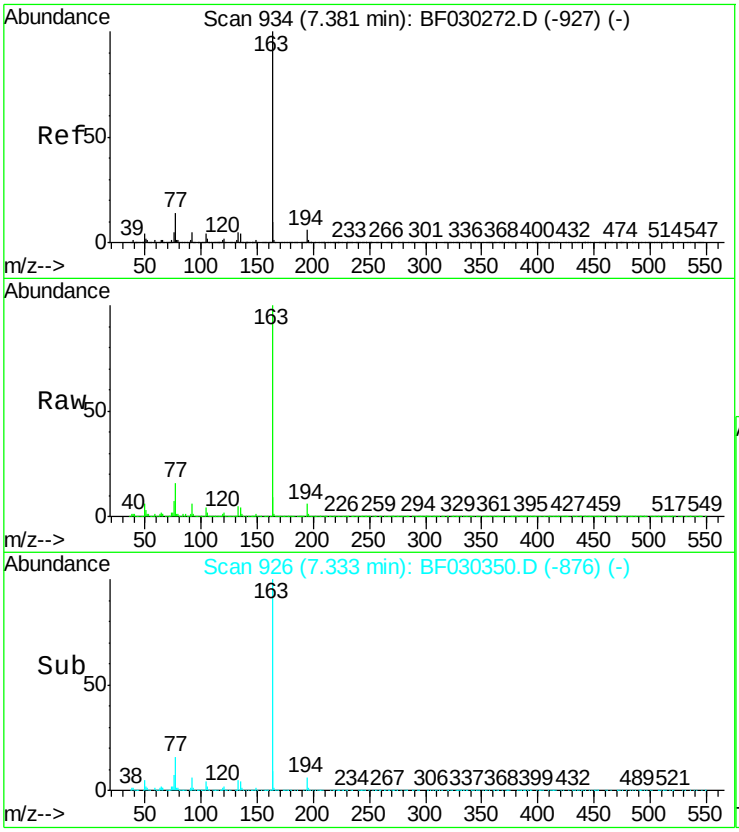


#10
Phenol
Concen: 1.10 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030350.D
Acq: 6 Aug 2009 19:52

Tgt Ion: 94 Resp: 8271

Ion	Ratio	Lower	Upper
94	100		
65	23.6	7.3	47.3
66	43.0	15.5	55.5

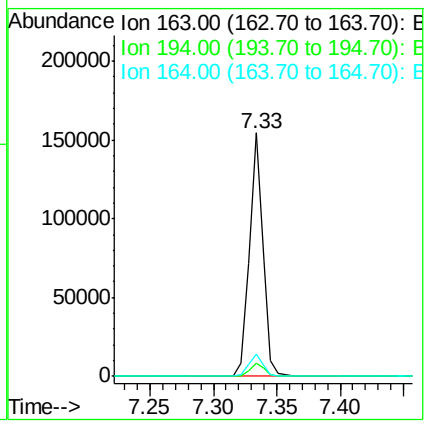




#51
Dimethylphthalate
Concen: 10.52 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030350.D
Acq: 6 Aug 2009 19:52

Tgt Ion:163 Resp: 114257

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.5	6.7
164	9.4	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 07 11:09:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	94581	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	344218	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	175434	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	288334	20.00	ng	0.00
77) Chrysene-d12	12.46	240	238583	20.00	ng	0.00
88) Perylene-d12	14.32	264	203410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	661670	124.89	ng	0.00
7) Phenol-d5	4.43	99	832991	126.48	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	639158	128.66	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	315904	97.38	ng	0.00
25) Nitrobenzene-d5	5.29	82	429702	88.60	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	150214	137.48	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	871620	99.20	ng	0.00
80) Terphenyl-d14	11.20	244	724279	99.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	4.36	77	28536	10.67	ng	98
10) Phenol	4.43	94	8271	1.10	ng	90
51) Dimethylphthalate	7.33	163	114257	10.52	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rVB	277990	246327	10.79%	1.258%
2	3.510	272	276	279	rBV	2325016	1863780	81.66%	9.520%
3	4.363	418	421	427	rBV	159576	135371	5.93%	0.691%
4	4.422	427	431	434	rBV	1911756	1849268	81.03%	9.446%
5	4.563	451	455	458	rBV	2361255	1954479	85.64%	9.984%
6	4.781	488	492	495	rBV	625069	480498	21.05%	2.454%
7	4.922	513	516	520	rBV	1969018	1641918	71.94%	8.387%
8	5.292	575	579	582	rBV	1656074	1226893	53.76%	6.267%
9	5.934	685	688	692	rBV	798644	626746	27.46%	3.201%
10	6.604	798	802	813	rBV	107601	121220	5.31%	0.619%
11	6.934	854	858	861	rBV	2841975	2282257	100.00%	11.658%
12	7.333	922	926	933	rBV	299674	227589	9.97%	1.163%
13	7.616	971	974	978	rBV	794376	689570	30.21%	3.522%
14	8.480	1116	1121	1131	rBV	1218581	1190406	52.16%	6.081%
15	9.275	1252	1256	1260	rBV	738993	670445	29.38%	3.425%
16	9.963	1369	1373	1384	rBV	251255	290027	12.71%	1.481%
17	10.922	1532	1536	1544	rBV3	33733	51476	2.26%	0.263%
18	11.198	1578	1583	1587	rBV	1883063	2058311	90.19%	10.514%
19	12.374	1777	1783	1793	rBV3	105092	326260	14.30%	1.667%
20	12.457	1793	1797	1805	rVB	594283	639689	28.03%	3.268%
21	12.904	1870	1873	1885	rVB7	17138	28236	1.24%	0.144%
22	13.139	1910	1913	1917	rBV2	18055	28868	1.26%	0.147%
23	13.745	2011	2016	2022	rBV5	29237	48232	2.11%	0.246%
24	14.021	2058	2063	2070	rBV	52456	87806	3.85%	0.449%
25	14.315	2107	2113	2128	rVB	343066	563061	24.67%	2.876%
26	14.862	2201	2206	2215	rVB6	22463	47965	2.10%	0.245%
27	15.233	2261	2269	2281	rBV	49350	132872	5.82%	0.679%
28	17.439	2633	2644	2648	rBV	18718	67301	2.95%	0.344%

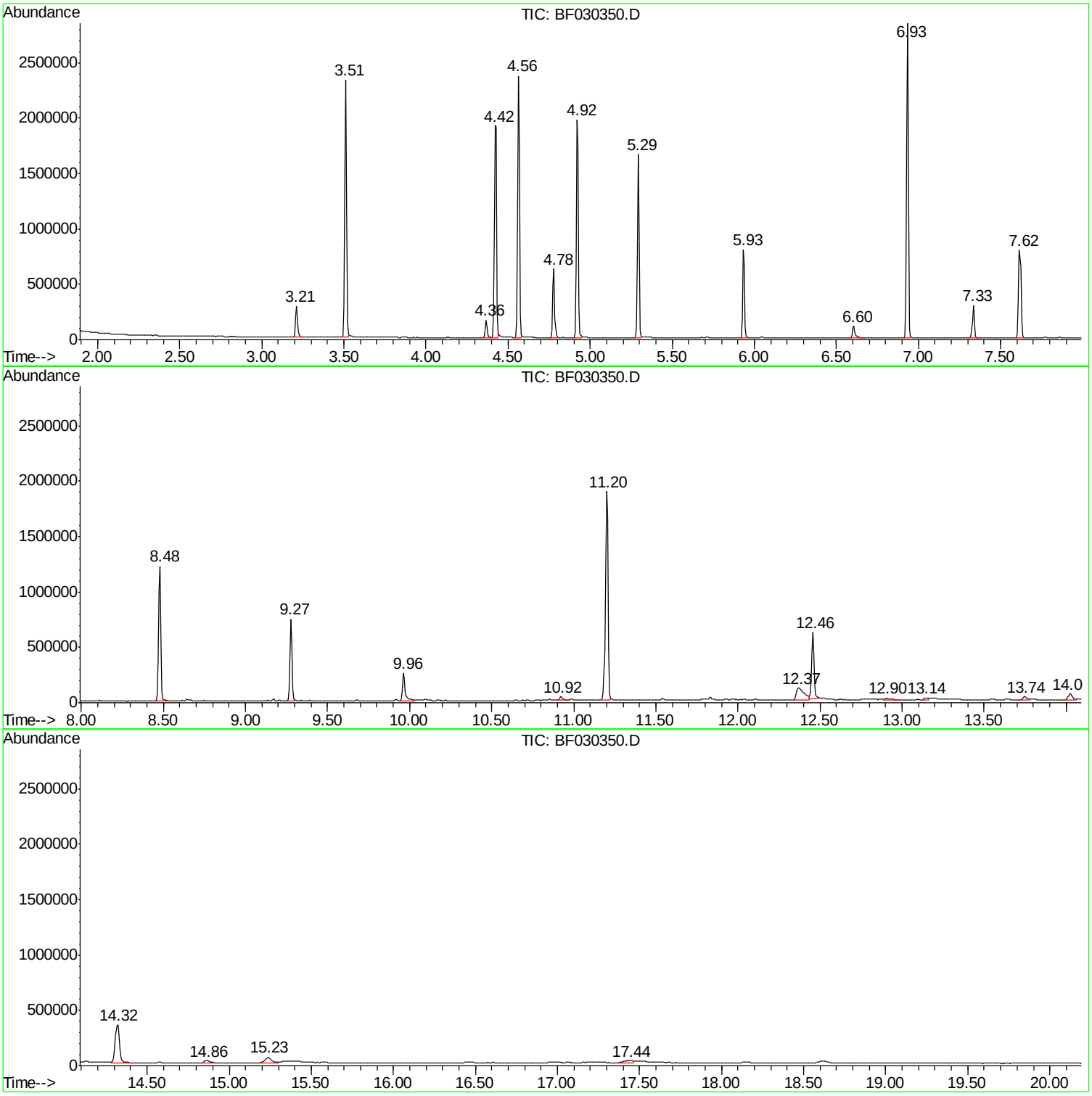
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LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

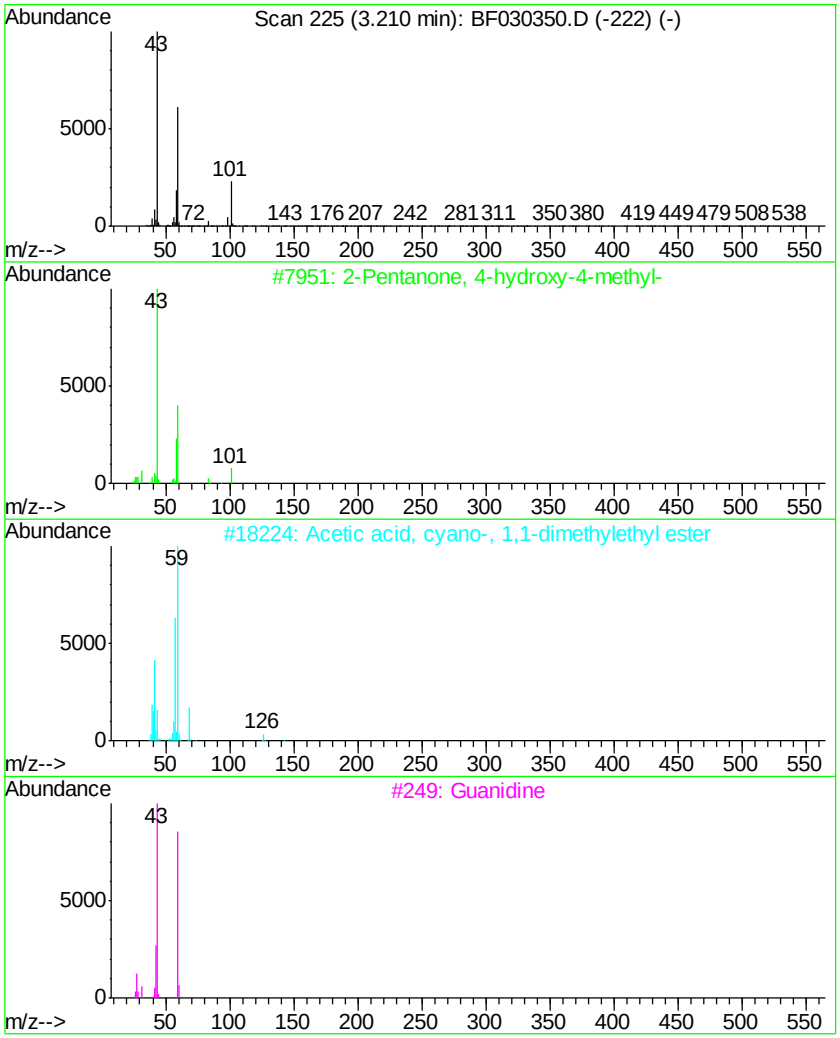
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

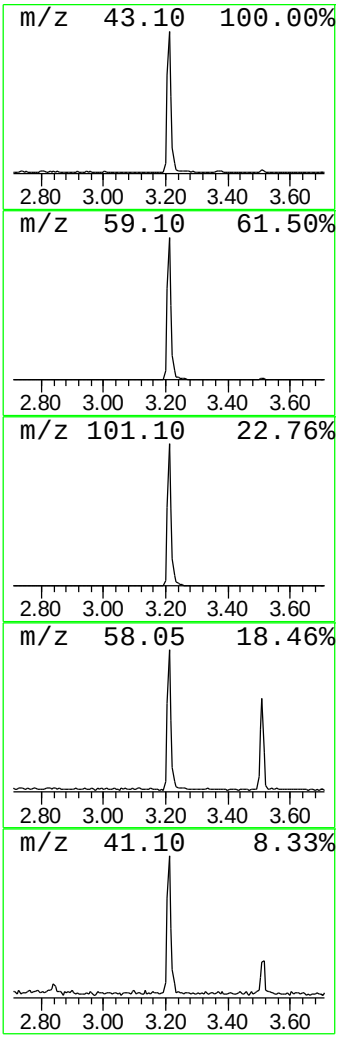
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.25 ng	246327	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

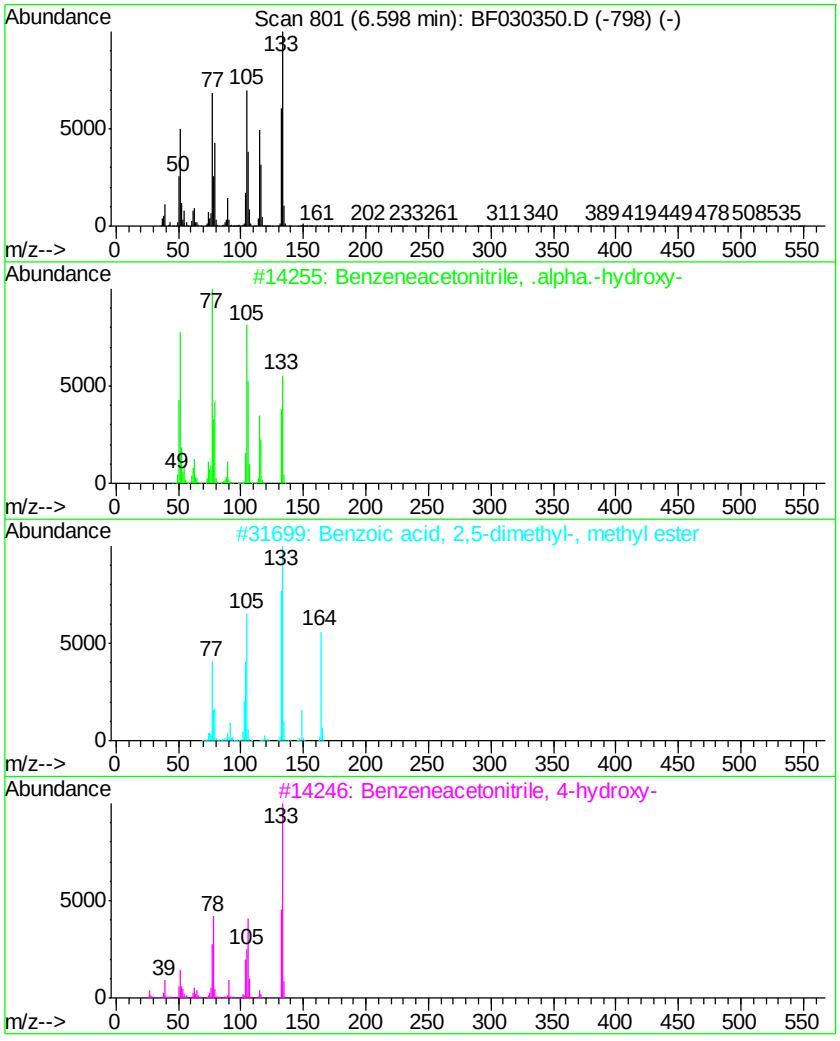
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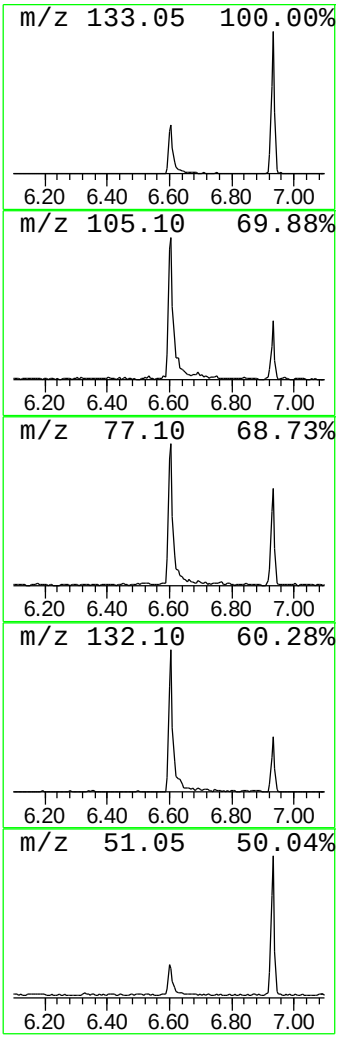
****

Peak Number 2 Benzeneacetonitrile, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.87 ng	121220	Naphthalene-d8	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	80
2	Benzoic acid, 2,5-dimethyl-, met...	164	C10H12O2	013730-55-7	47
3	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	46
4	Phthalimidine	133	C8H7NO	000480-91-1	38
5	Selenocyanic acid, 4-amino-o-tol...	212	C8H8N2Se	022037-14-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

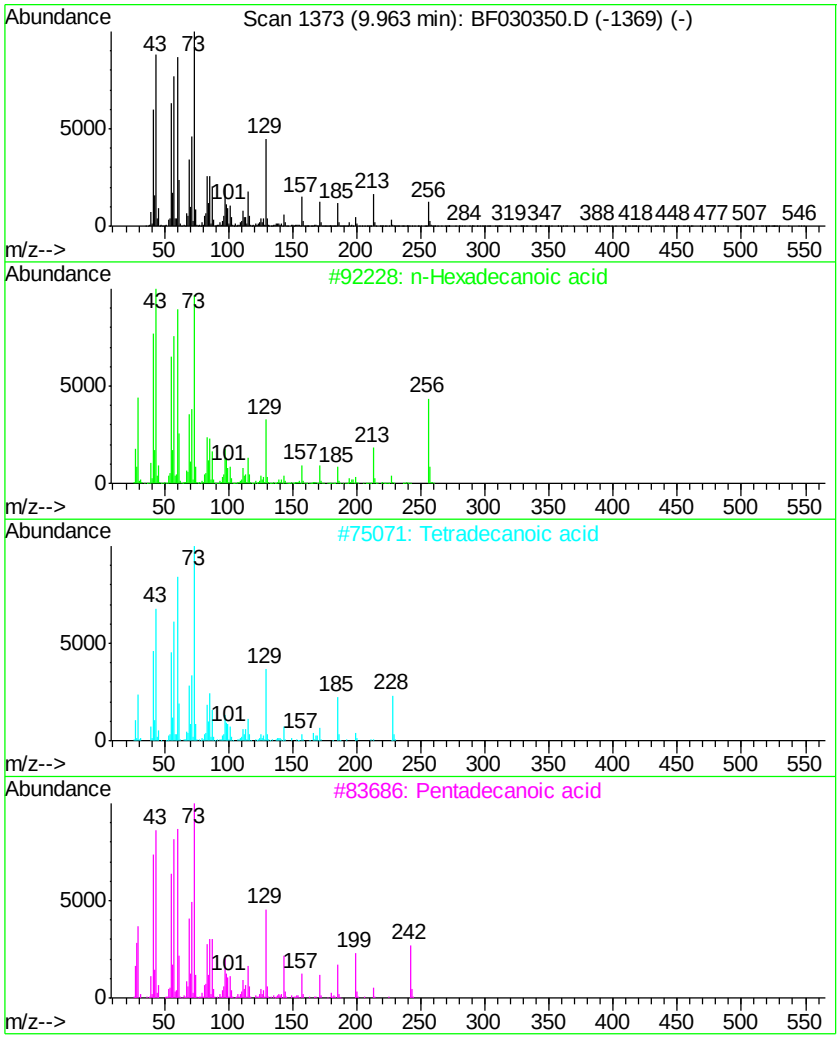
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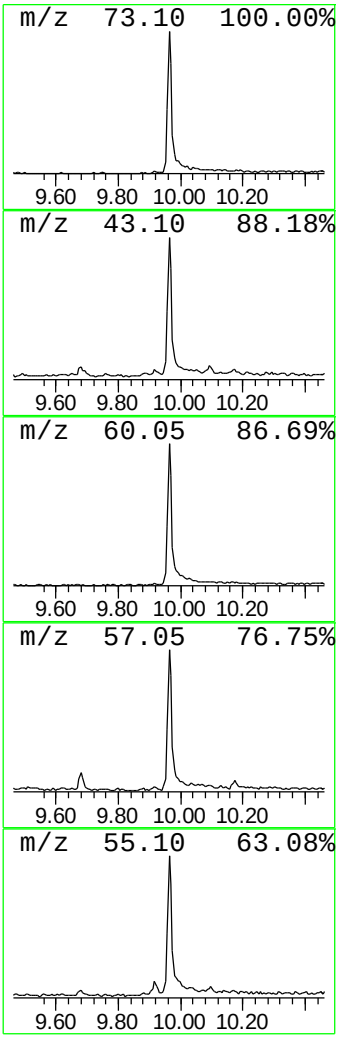
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	8.65 ng	290027	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

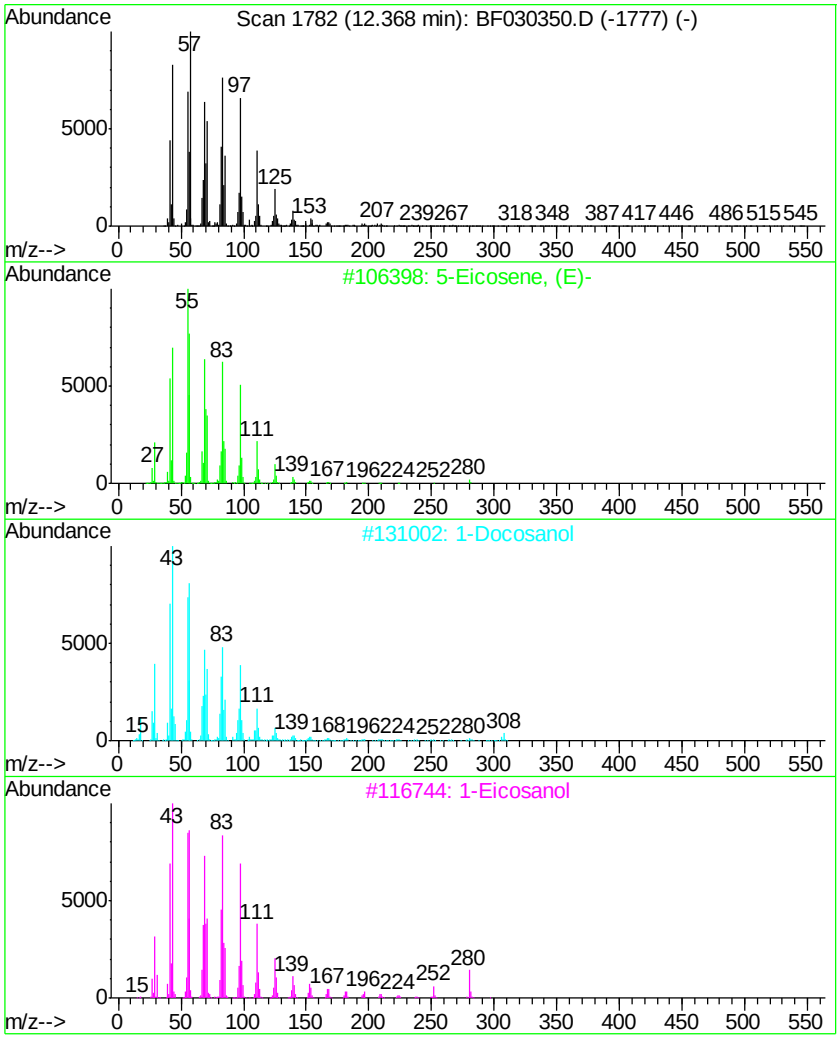
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TIC Integration Parameters: LSCINT.P

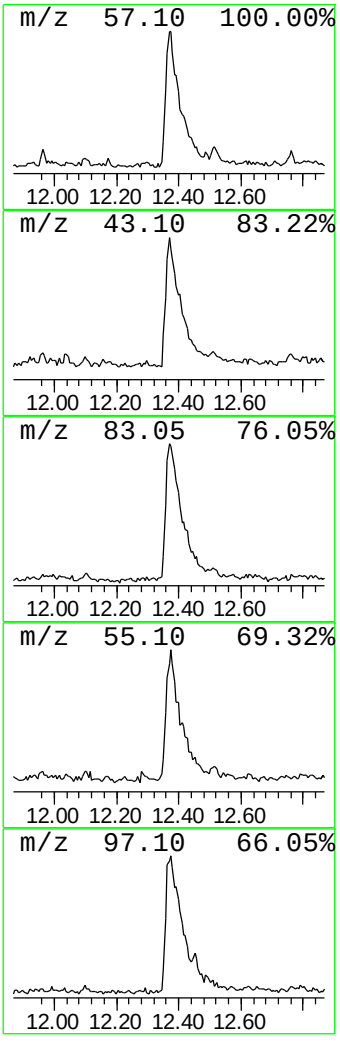
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Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.20 ng	326260	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Docosanol	326	C22H46O	000661-19-8	91
3	1-Eicosanol	298	C20H42O	000629-96-9	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

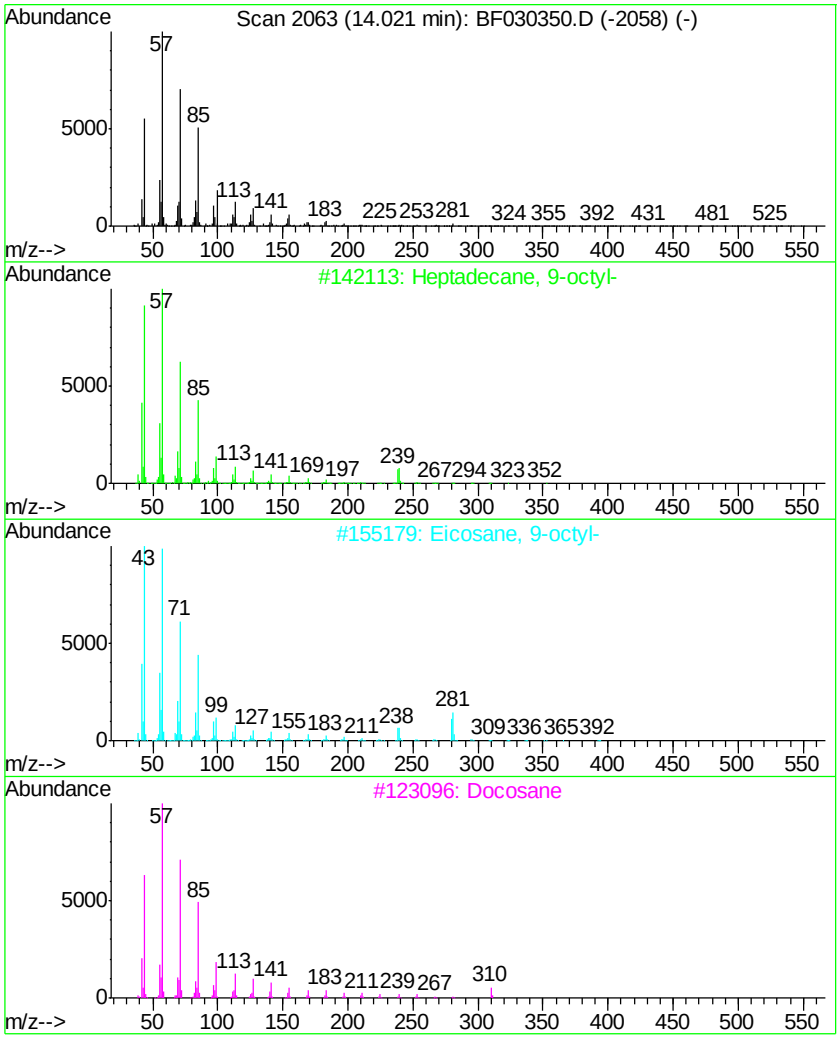
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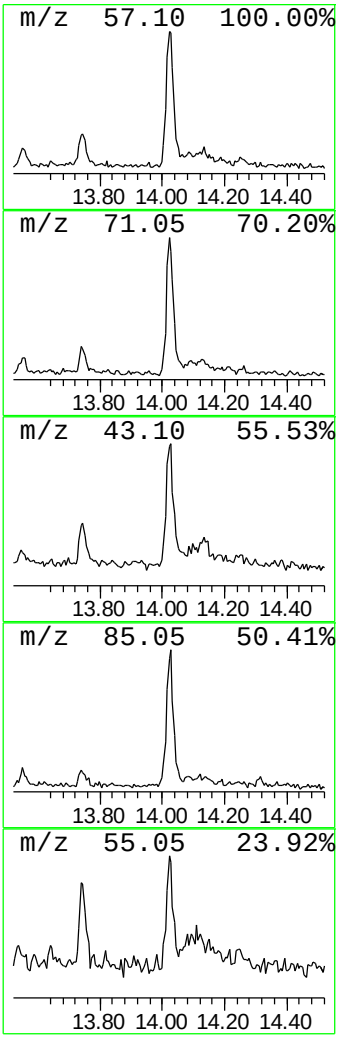
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Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.12 ng	87806	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Docosane	310	C22H46	000629-97-0	94
4	Octadecane	254	C18H38	000593-45-3	93
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

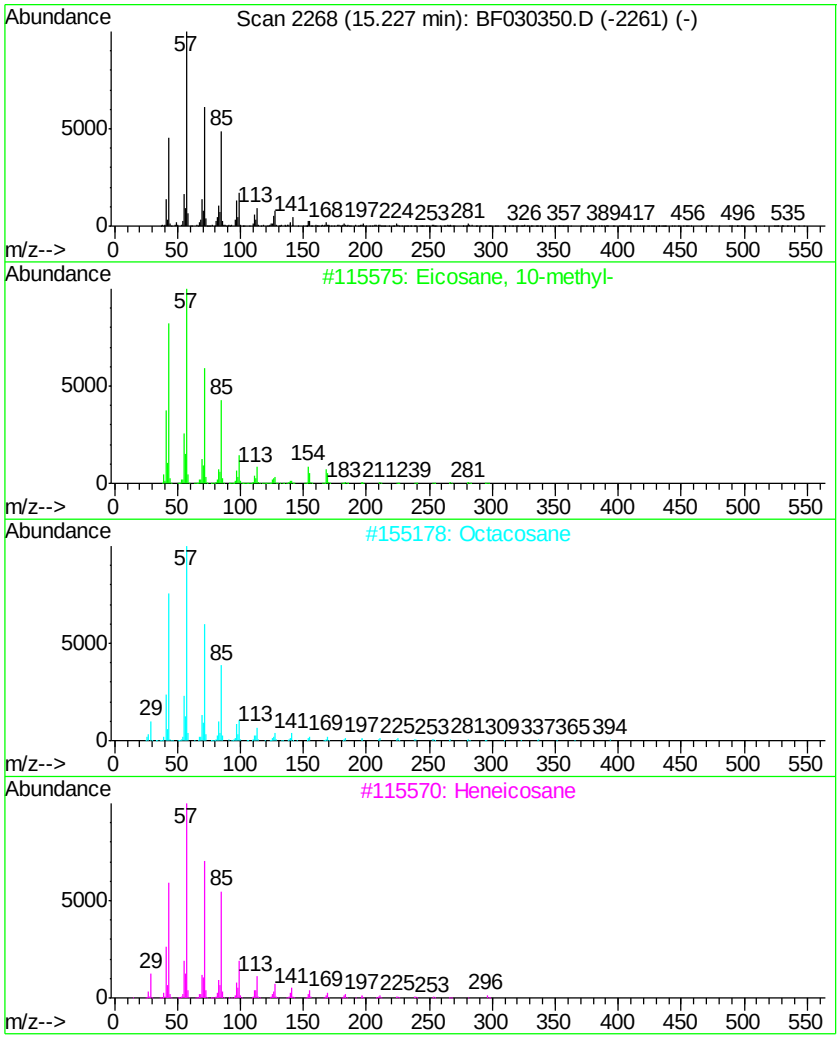
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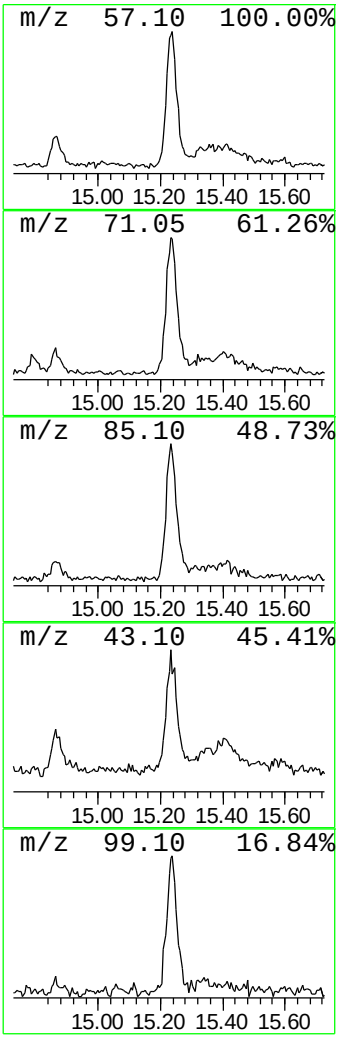
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Peak Number 6 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.72 ng	132872	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

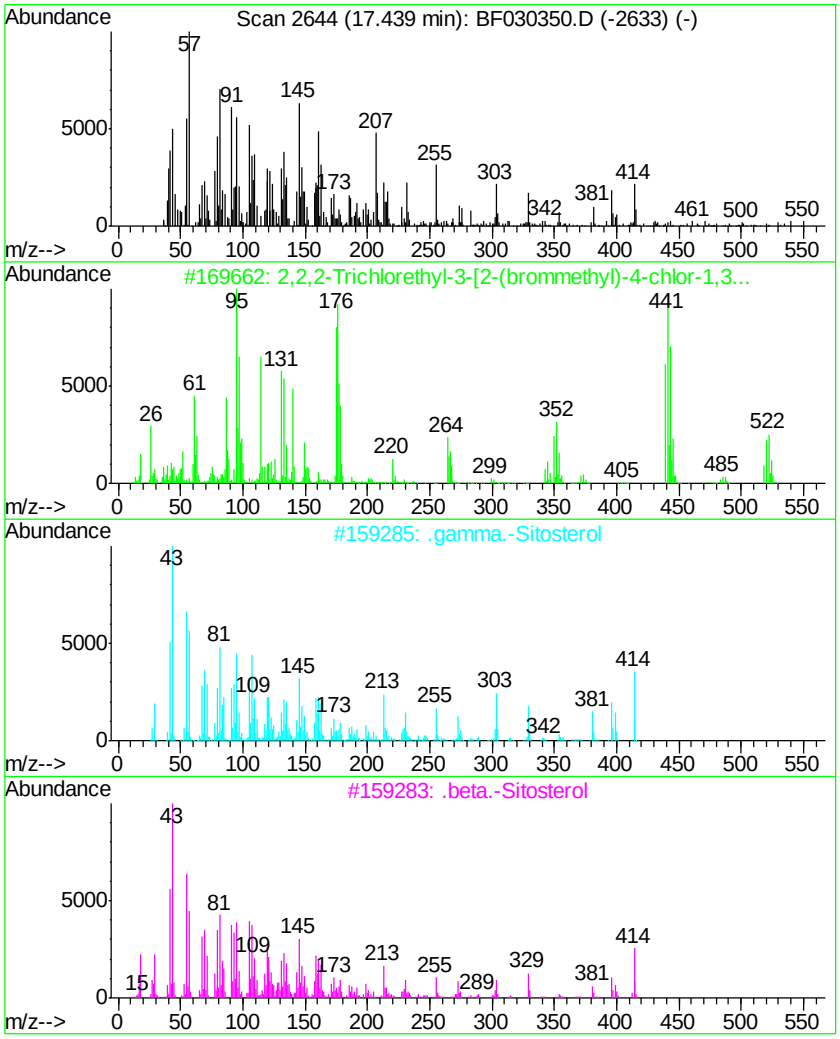
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

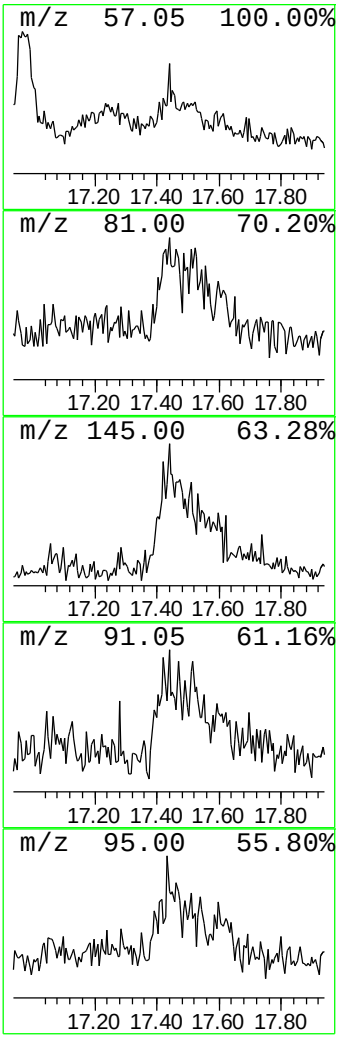
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Peak Number 7 2,2,2-Trichlorethyl-3-[2-(b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.39 ng	67301	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,2-Trichlorethyl-3-[2-(bromme...	518	C15H8BrCl5N2O3	350816-89-6	92
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	58
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	49
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	25
5	Stigmasterol	412	C29H48O	000083-48-7	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030350.D
Acq On : 6 Aug 2009 19:52
Operator : QM
Sample : A3816-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.3	ng	246327	1	4.78	480498	20.0
Benzeneacetonitri...	6.60	3.9	ng	121220	2	5.93	626746	20.0
n-Hexadecanoic acid	9.96	8.7	ng	290027	4	9.27	670445	20.0
5-Eicosene, (E)-	12.37	10.2	ng	326260	5	12.46	639689	20.0
Heptadecane, 9-oc...	14.02	3.1	ng	87806	6	14.32	563061	20.0
Eicosane, 10-methyl-	15.23	4.7	ng	132872	6	14.32	563061	20.0
2,2,2-Trichloreth...	17.44	2.4	ng	67301	6	14.32	563061	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	880	
108-95-2	Phenol	55	J
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	510	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

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Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

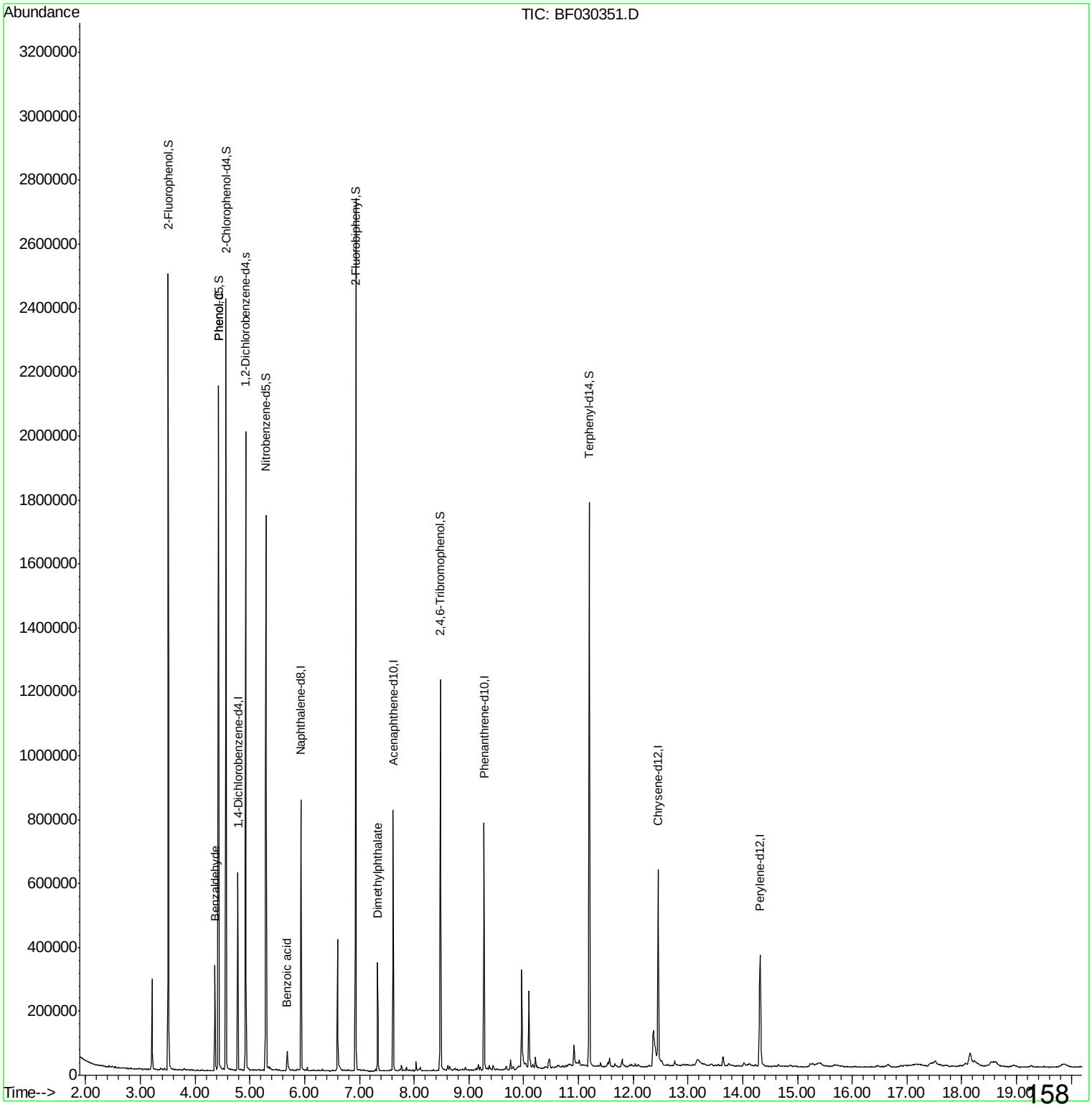
Number TICS found: 8

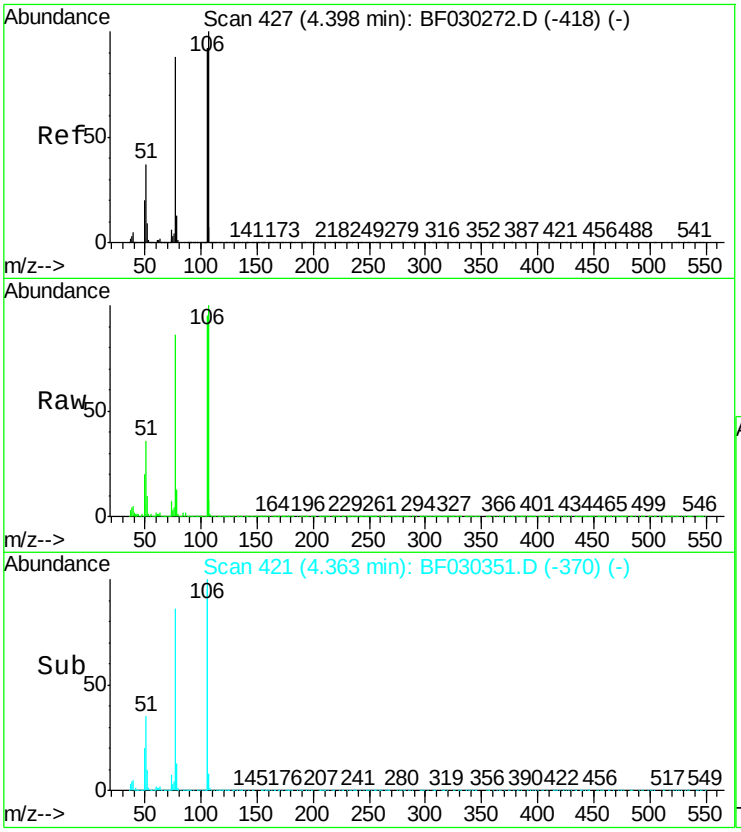
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
532-28-5	Benzeneacetonitrile, .alpha.-hydro	6.6	530	J
57-10-3	n-Hexadecanoic acid	9.96	450	J
489-39-4	1H-Cycloprop[e]azulene, decahydro-	10.1	280	J
57-11-4	Octadecanoic acid	10.92	100	J
77899-03-7	1-Heneicosyl formate	12.37	460	J
	unknown13.17	13.17	100	J
1617-70-5	Lup-20(29)-en-3-one	18.16	160	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 06 23:28:39 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

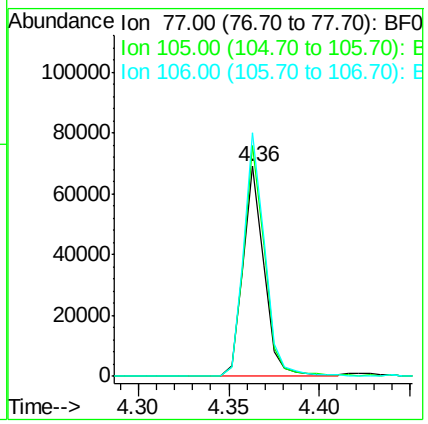


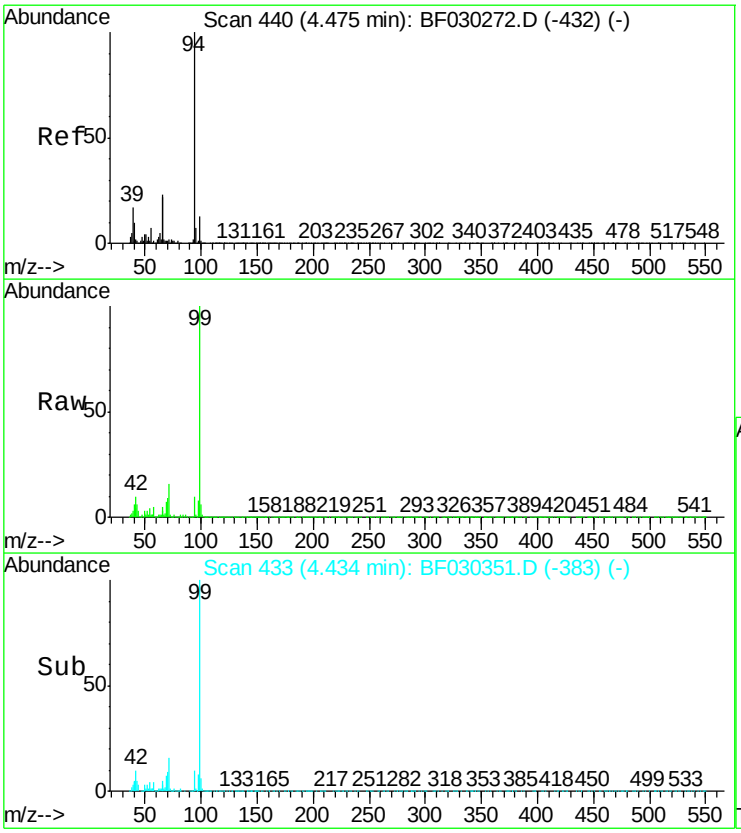


#9
Benzaldehyde
Concen: 20.14 ng
RT: 4.36 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF030351.D
Acq: 6 Aug 2009 20:19

Tgt Ion: 77 Resp: 55564

Ion	Ratio	Lower	Upper
77	100		
105	110.0	92.4	132.4
106	115.8	97.9	137.9

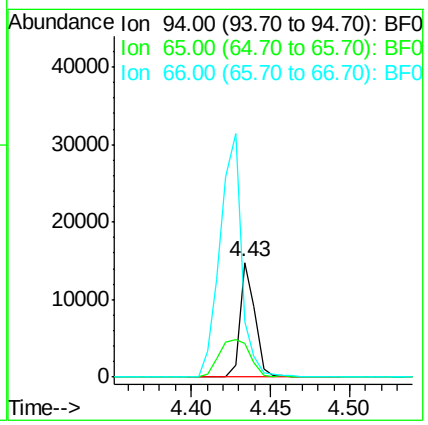


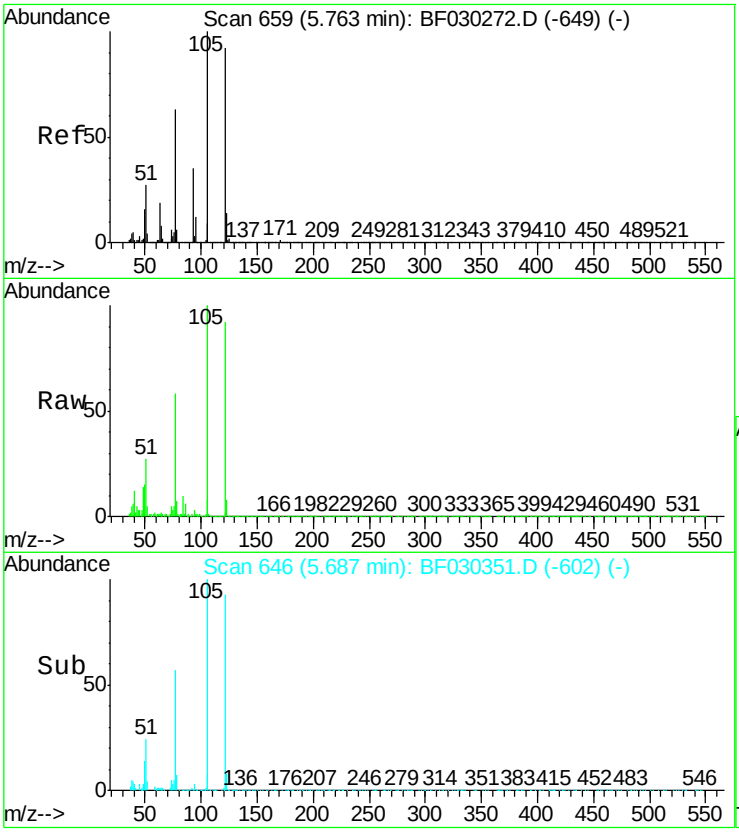


#10
Phenol
Concen: 1.25 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030351.D
Acq: 6 Aug 2009 20:19

Tgt Ion: 94 Resp: 9675

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.3	47.3
66	48.0	15.5	55.5

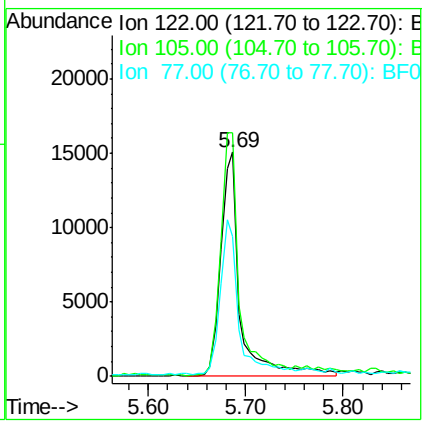


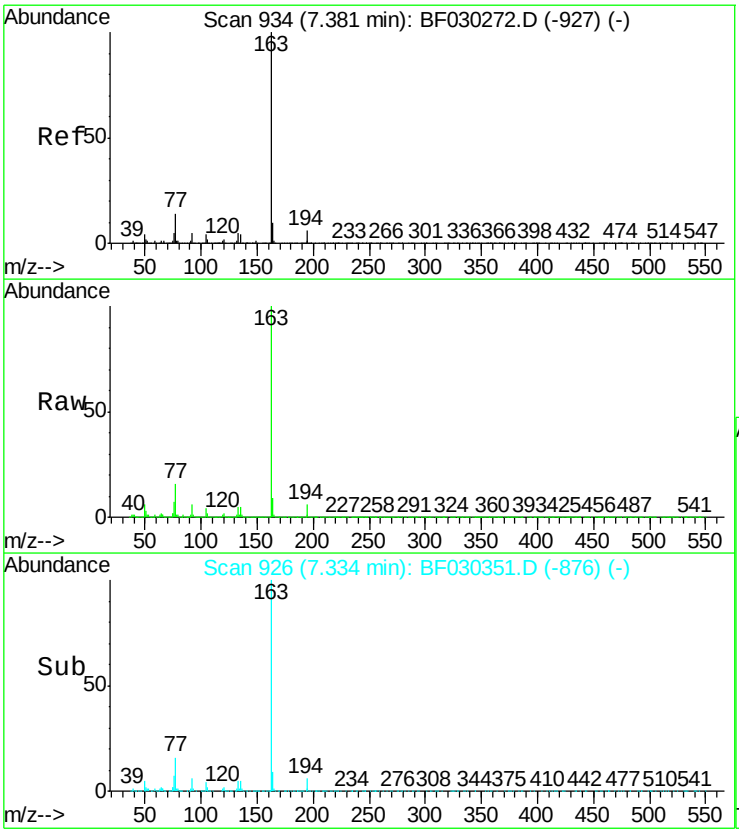


#34
Benzoic acid
Concen: 11.31 ng
RT: 5.69 min Scan# 646
Delta R.T. -0.04 min
Lab File: BF030351.D
Acq: 6 Aug 2009 20:19

Tgt Ion:122 Resp: 20664

Ion	Ratio	Lower	Upper
122	100		
105	108.4	87.8	127.8
77	62.7	43.3	83.3

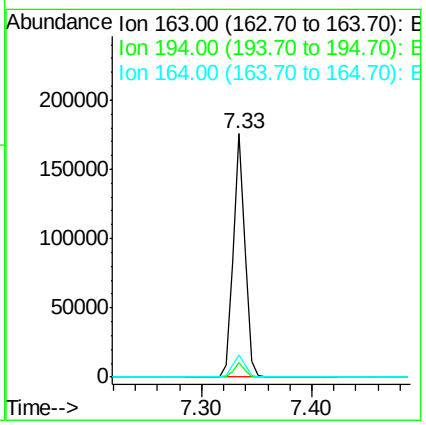




#51
Dimethylphthalate
Concen: 11.68 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030351.D
Acq: 6 Aug 2009 20:19

Tgt Ion:163 Resp: 131289

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.5	6.7
164	9.1	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 06 23:28:39 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	97609	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	355507	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	181510	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	297743	20.00	ng	0.00
77) Chrysene-d12	12.46	240	240521	20.00	ng	0.00
88) Perylene-d12	14.32	264	201587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	697437	127.56	ng	0.00
7) Phenol-d5	4.43	99	881193	129.65	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	670198	130.72	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	325256	97.15	ng	0.00
25) Nitrobenzene-d5	5.29	82	452685	90.38	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	154591	136.75	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	832469	91.58	ng	0.00
80) Terphenyl-d14	11.20	244	640949	87.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	4.36	77	55564	20.14	ng	98
10) Phenol	4.43	94	9675	1.25	ng	86
34) Benzoic acid	5.69	122	20664	11.31	ng	99
51) Dimethylphthalate	7.33	163	131289	11.68	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	232	rVB	283867	251801	11.53%	1.222%
2	3.510	272	276	279	rBV	2489269	1979897	90.69%	9.606%
3	4.363	418	421	427	rBV	328122	262671	12.03%	1.274%
4	4.428	427	432	435	rBV	2140555	1976928	90.55%	9.592%
5	4.563	451	455	459	rBV	2413984	2059433	94.33%	9.992%
6	4.781	488	492	495	rBV	618035	494725	22.66%	2.400%
7	4.922	513	516	520	rBV	1995170	1679936	76.95%	8.151%
8	5.293	575	579	582	rBV	1735641	1308397	59.93%	6.348%
9	5.681	637	645	648	rBV	60921	74548	3.41%	0.362%
10	5.934	685	688	692	rBV	846300	644815	29.54%	3.129%
11	6.598	798	801	813	rBV	408424	389736	17.85%	1.891%
12	6.934	854	858	861	rBV	2728194	2183151	100.00%	10.592%
13	7.334	922	926	929	rBV	339391	255737	11.71%	1.241%
14	7.616	971	974	978	rBV	814622	711381	32.59%	3.451%
15	8.039	1043	1046	1050	rVB	30219	26140	1.20%	0.127%
16	8.481	1116	1121	1133	rBV	1221783	1213347	55.58%	5.887%
17	9.275	1252	1256	1260	rBV	773762	693354	31.76%	3.364%
18	9.763	1332	1339	1343	rBV	31861	36270	1.66%	0.176%
19	9.963	1369	1373	1382	rBV	302484	355340	16.28%	1.724%
20	10.098	1392	1396	1399	rBV	236375	225001	10.31%	1.092%
21	10.216	1412	1416	1419	rBV	32451	31436	1.44%	0.153%
22	10.469	1453	1459	1466	rBV3	30187	52757	2.42%	0.256%
23	10.922	1533	1536	1542	rBV2	62550	73285	3.36%	0.356%
24	11.198	1578	1583	1587	rBV	1763333	1822514	83.48%	8.843%
25	11.569	1643	1646	1653	rVB6	25902	32127	1.47%	0.156%
26	11.798	1680	1685	1688	rBV5	24194	35436	1.62%	0.172%
27	12.369	1777	1782	1793	rBV4	109756	336609	15.42%	1.633%
28	12.457	1793	1797	1805	rVB	602330	636518	29.16%	3.088%
29	13.169	1911	1918	1935	rBV	16702	74956	3.43%	0.364%
30	13.639	1994	1998	2007	rVB	27945	40175	1.84%	0.195%
31	14.316	2107	2113	2123	rBV	346300	549999	25.19%	2.669%
32	18.156	2757	2766	2773	rBV	33975	102364	4.69%	0.497%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

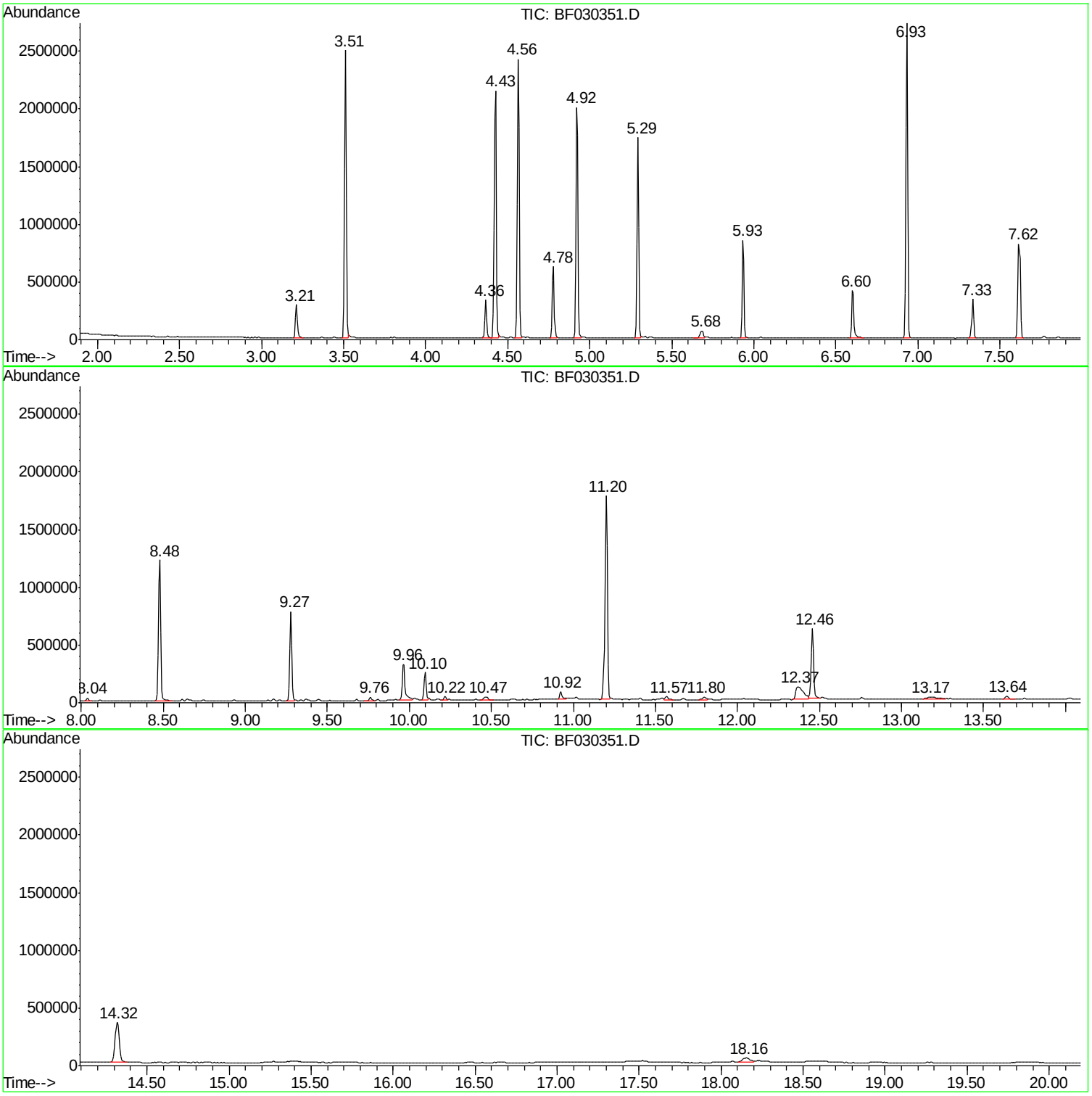
Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20610784

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

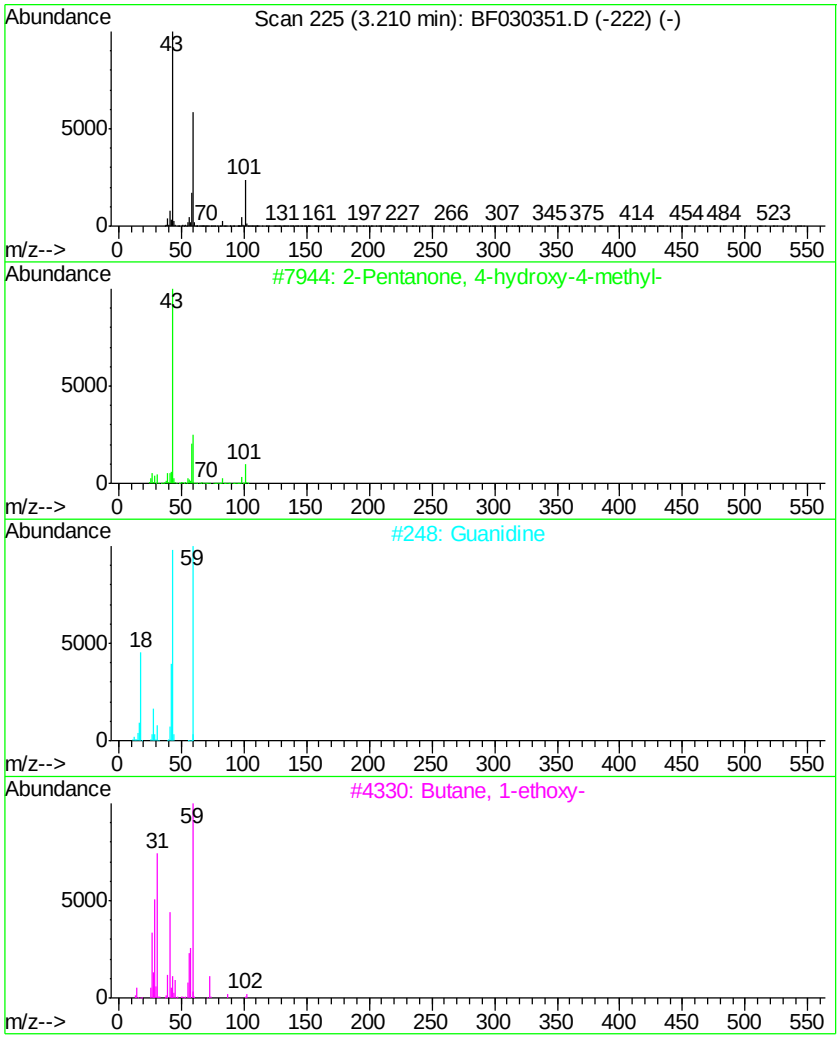
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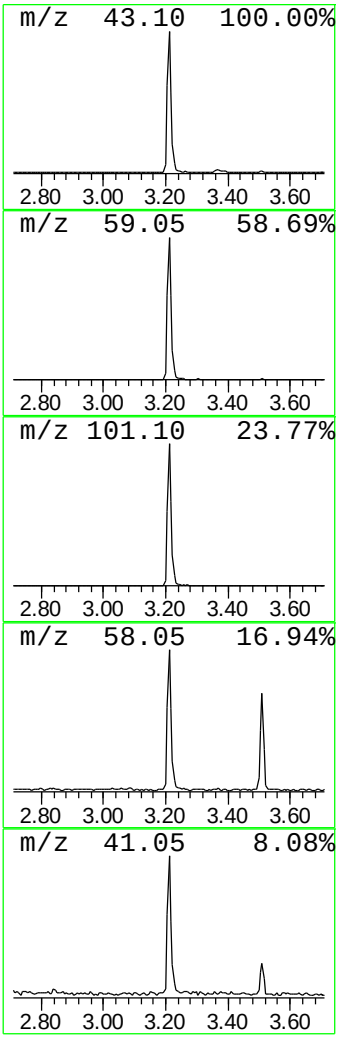
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.18 ng	251801	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

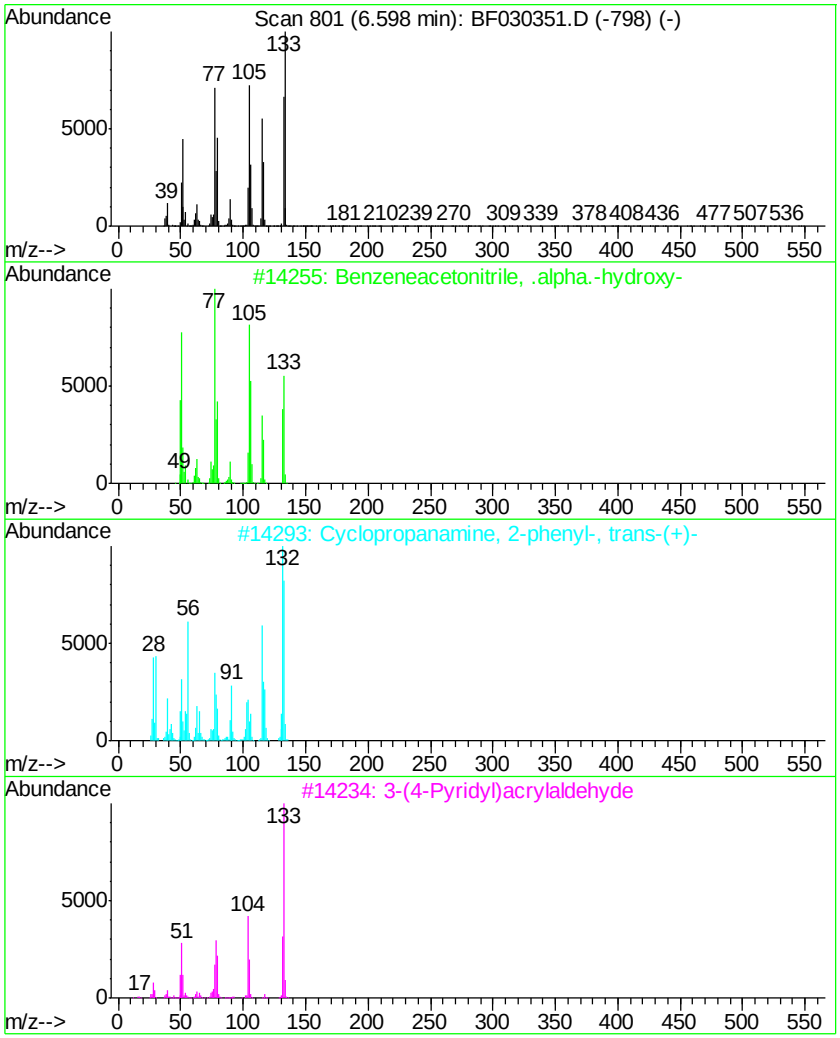
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

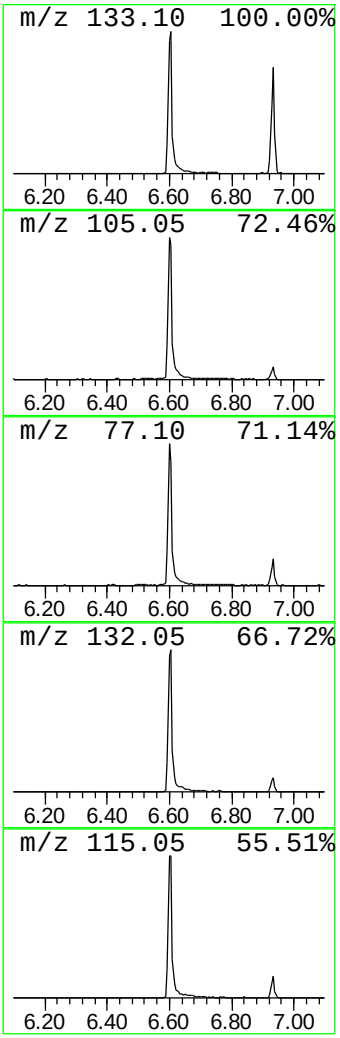
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzeneacetonitrile, .alpha... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	12.09 ng	389736	Naphthalene-d8	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	80
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	43
3	3-(4-Pyridyl)acrylaldehyde	133	C8H7NO	026505-36-2	43
4	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	43
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

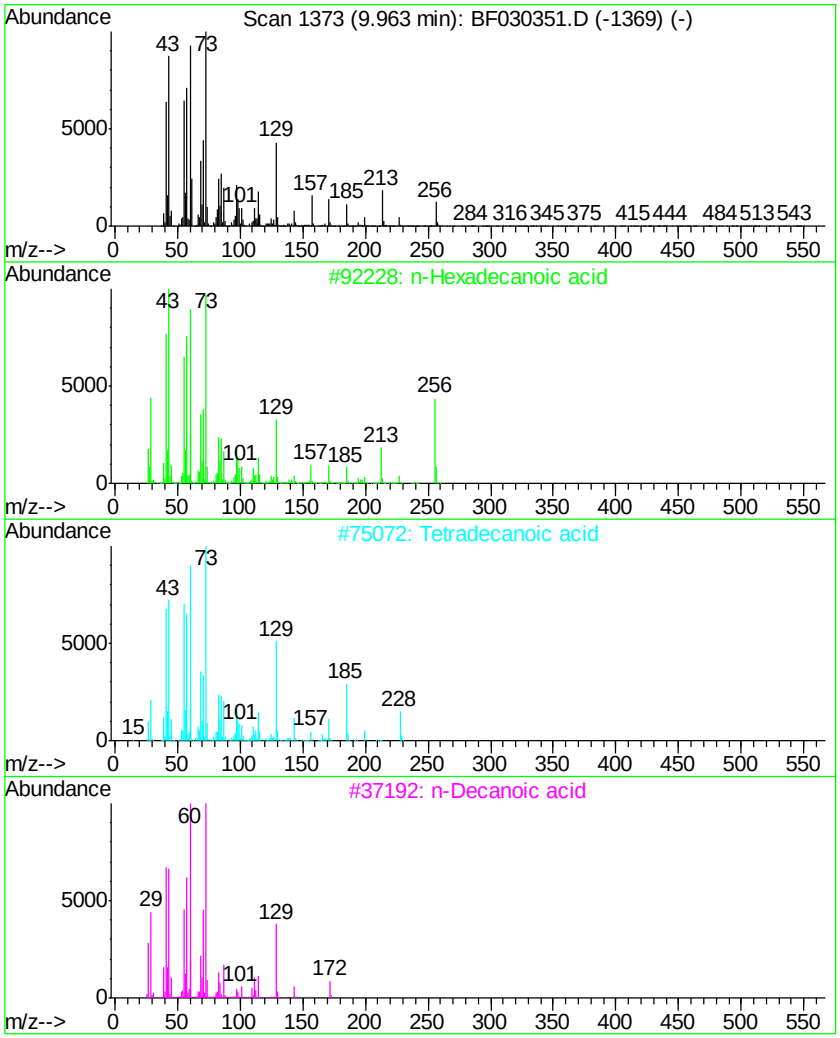
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TIC Integration Parameters: LSCINT.P

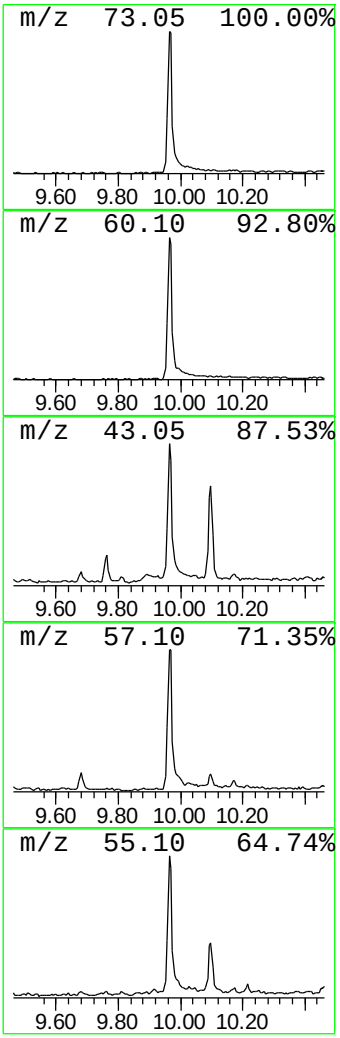
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	10.25 ng	355340	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

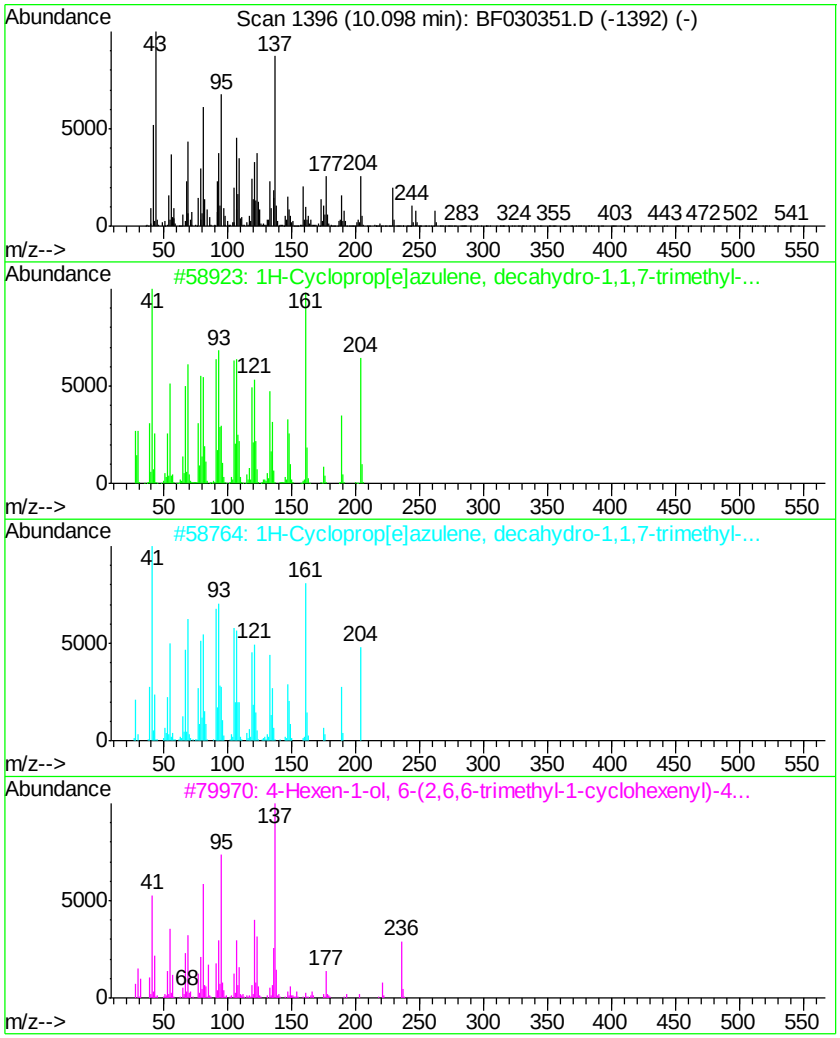
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

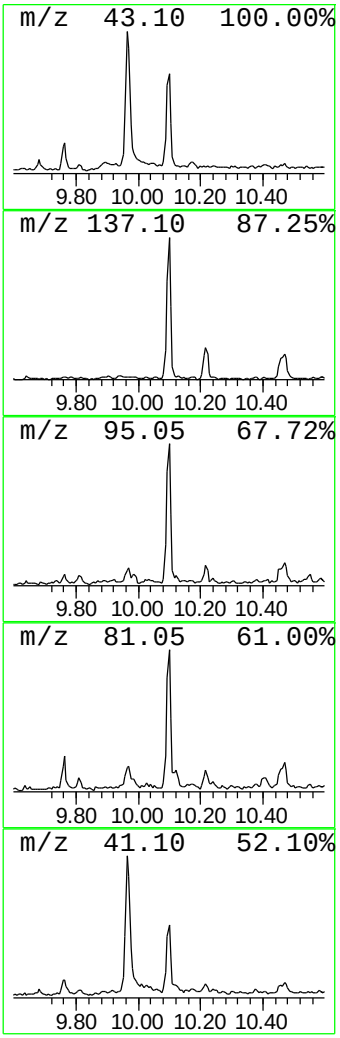
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Peak Number 4 1H-Cycloprop[e]azulene, dec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	6.49 ng	225001	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	59
2	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	55
3	4-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	1000221-57-6	46
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	41
5	Phosphonic acid, bicyclo[2.2.1]h...	204	C9H17O3P	031061-88-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
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Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

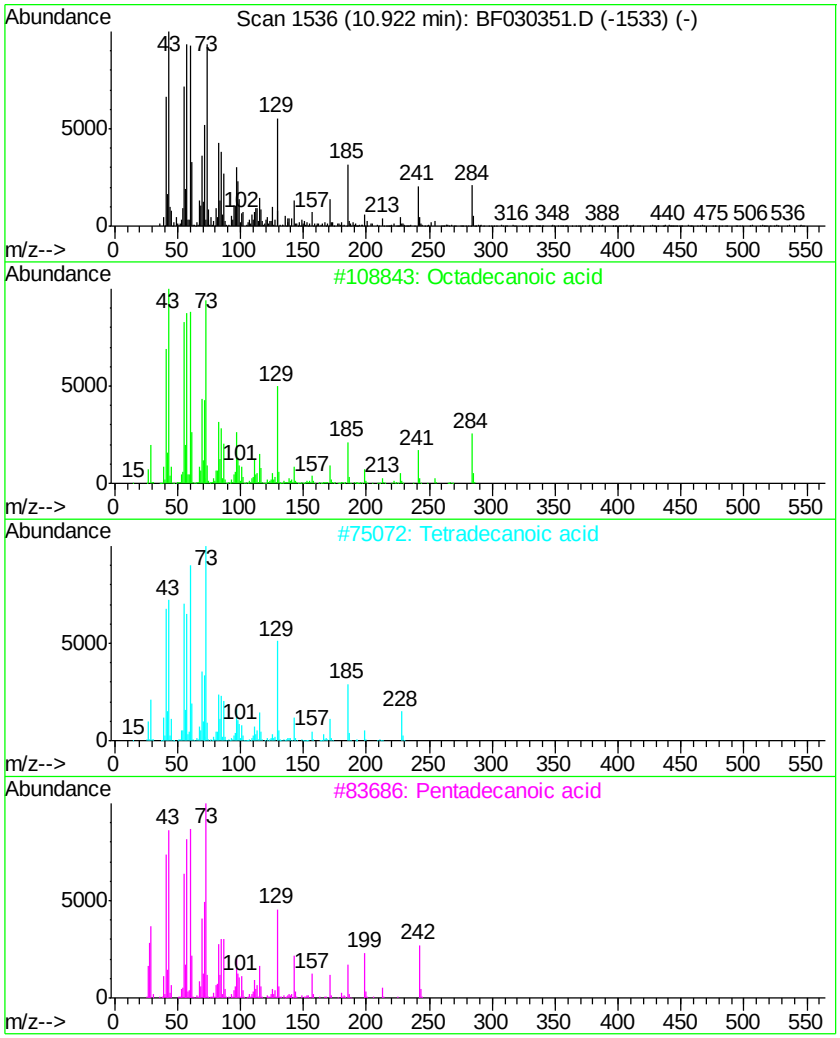
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TIC Integration Parameters: LSCINT.P

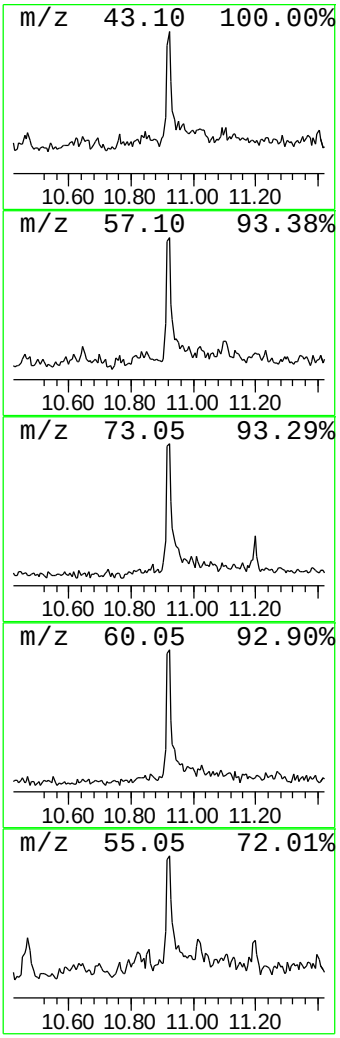
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Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.30 ng	73285	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Hexacosanoic acid	396	C26H52O2	000506-46-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

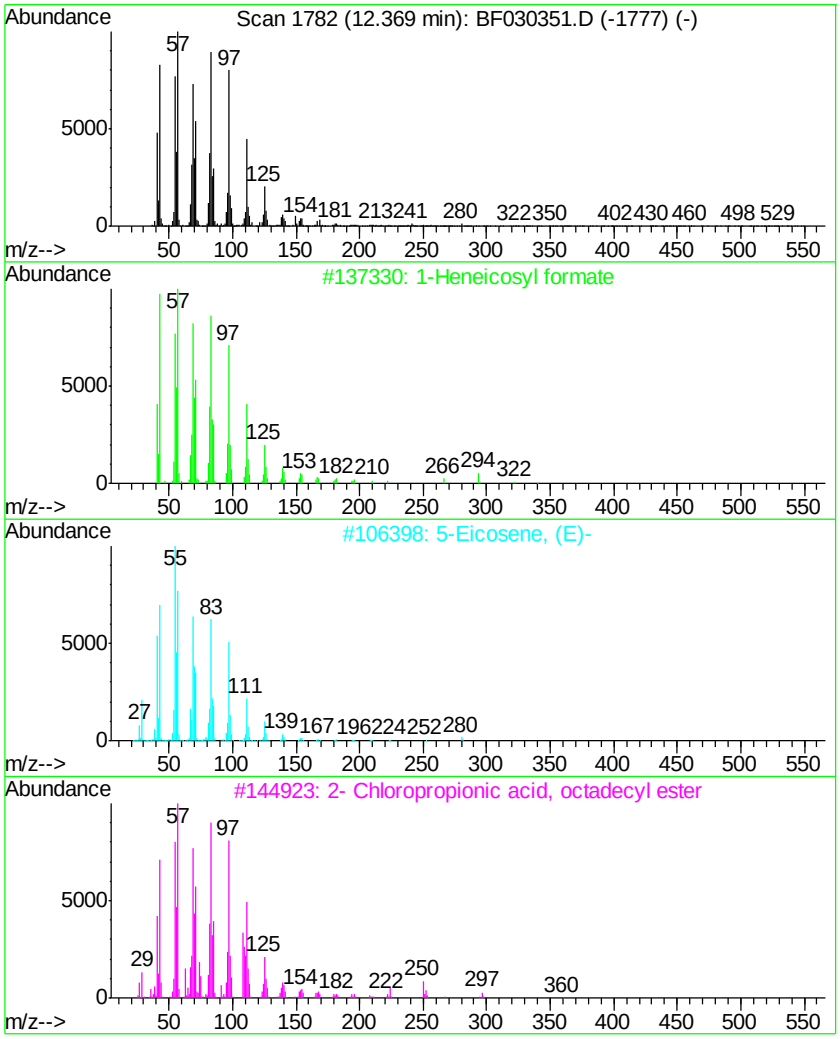
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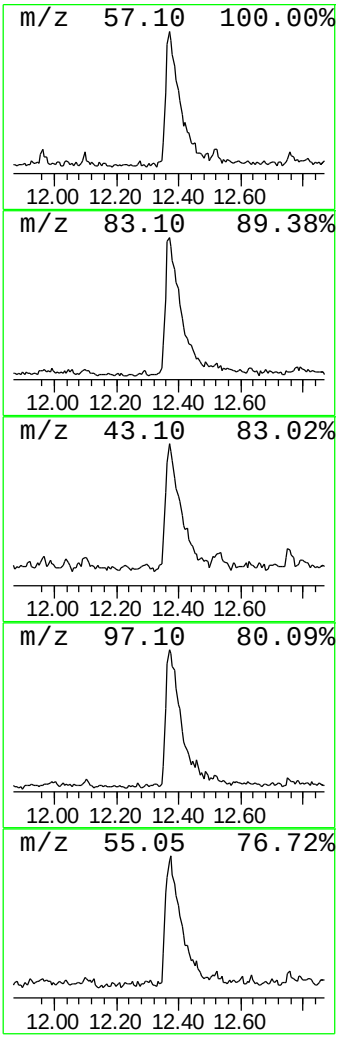
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Peak Number 6 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.58 ng	336609	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81
4	1-Docosene	308	C22H44	001599-67-3	81
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

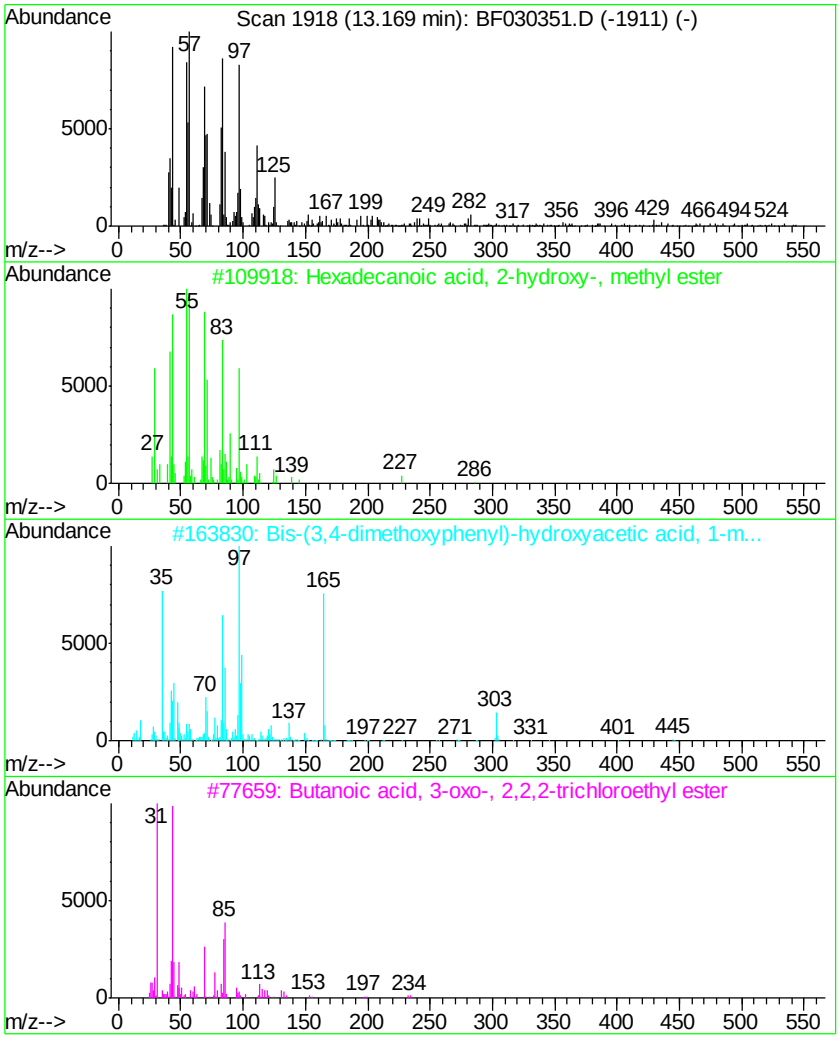
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TIC Integration Parameters: LSCINT.P

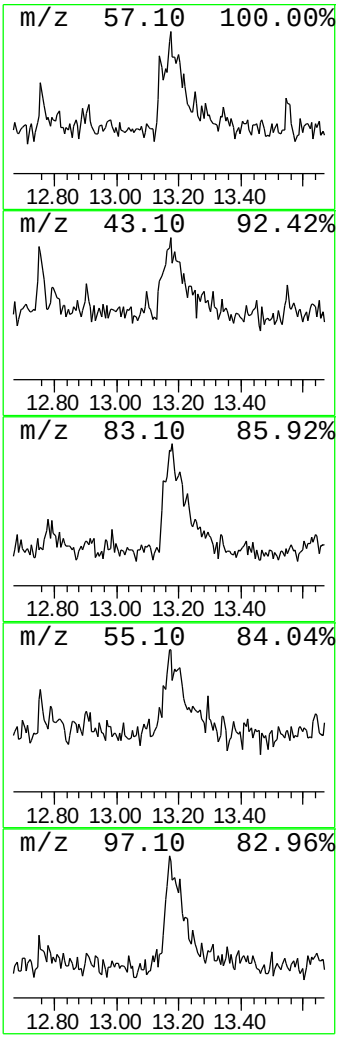
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Peak Number 7 unknown13.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.36 ng	74956	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	38
2	Bis-(3,4-dimethoxyphenyl)-hydrox...	445	C24H31NO7	095805-62-2	25
3	Butanoic acid, 3-oxo-, 2,2,2-tri...	232	C6H7Cl3O3	058547-15-2	14
4	Chloroacetic acid, 2-tetradecyl ...	290	C16H31ClO2	1000280-08-4	12
5	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

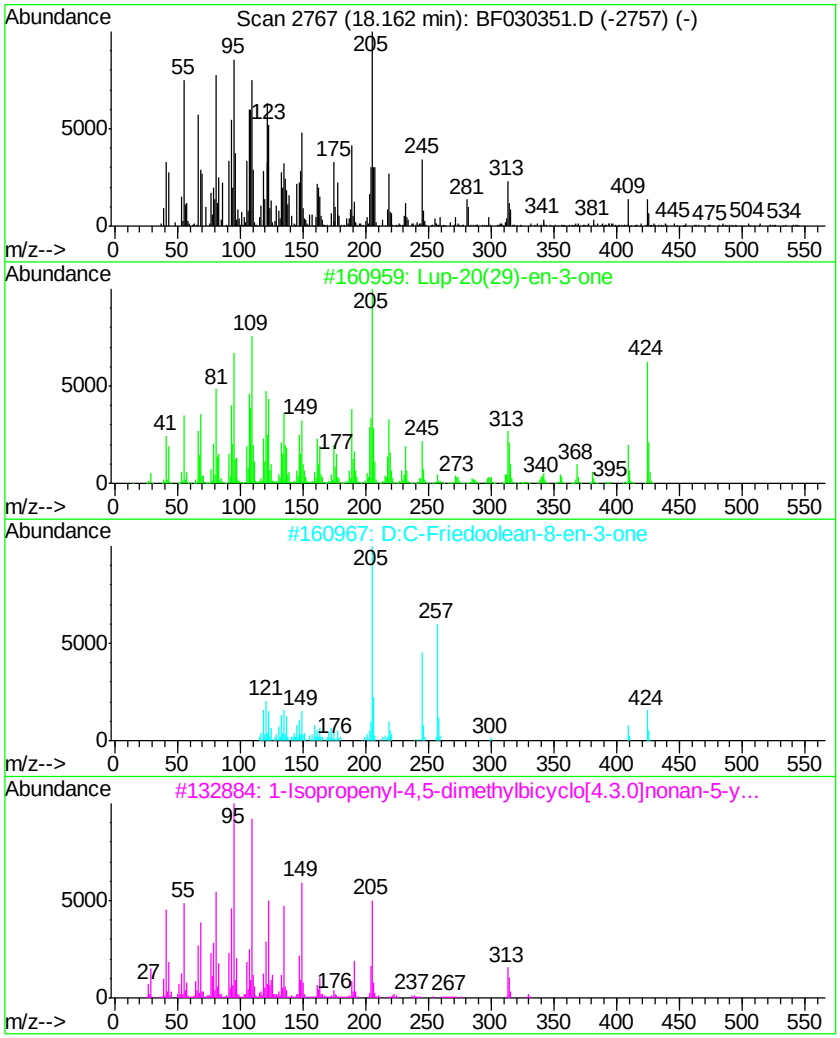
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

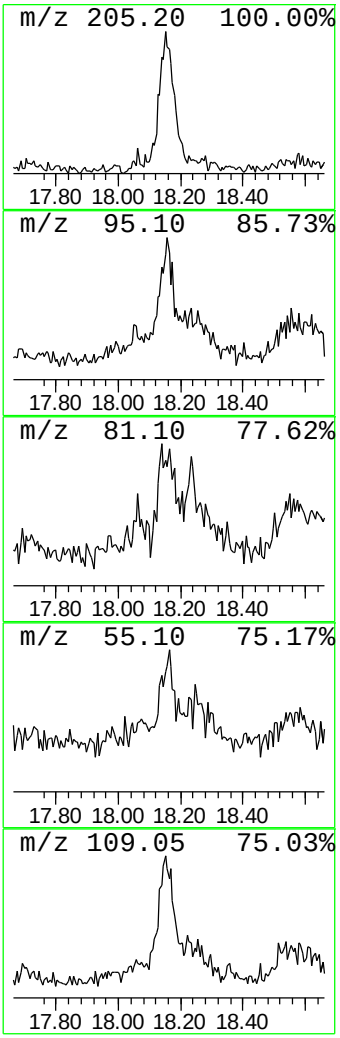
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Peak Number 8 Lup-20(29)-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.72 ng	102364	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	86
2	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	60
3	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	47
4	Longifolenaldehyde	220	C15H24O	019890-84-7	38
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030351.D
Acq On : 6 Aug 2009 20:19
Operator : QM
Sample : A3816-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.2	ng	251801	1	4.78	494725	20.0
Benzeneacetonitri...	6.60	12.1	ng	389736	2	5.93	644815	20.0
n-Hexadecanoic acid	9.96	10.3	ng	355340	4	9.27	693354	20.0
1H-Cycloprop[e]az...	10.10	6.5	ng	225001	4	9.27	693354	20.0
Octadecanoic acid	10.92	2.3	ng	73285	5	12.46	636518	20.0
1-Heneicosyl formate	12.37	10.6	ng	336609	5	12.46	636518	20.0
unknown13.17	13.17	2.4	ng	74956	5	12.46	636518	20.0
Lup-20(29)-en-3-one	18.16	3.7	ng	102364	6	14.32	549999	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	220	J
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	560	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

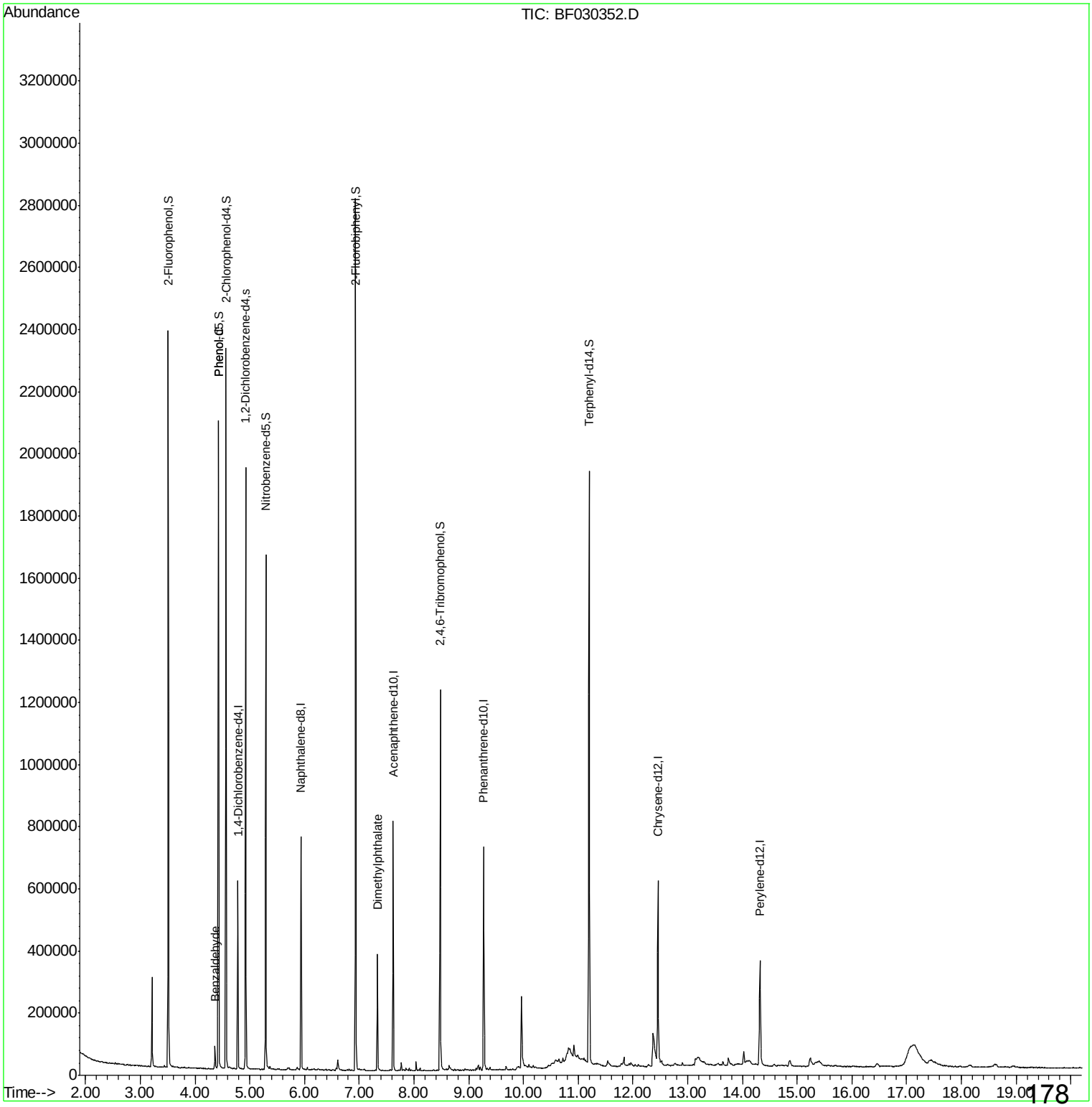
Number TICS found: 7

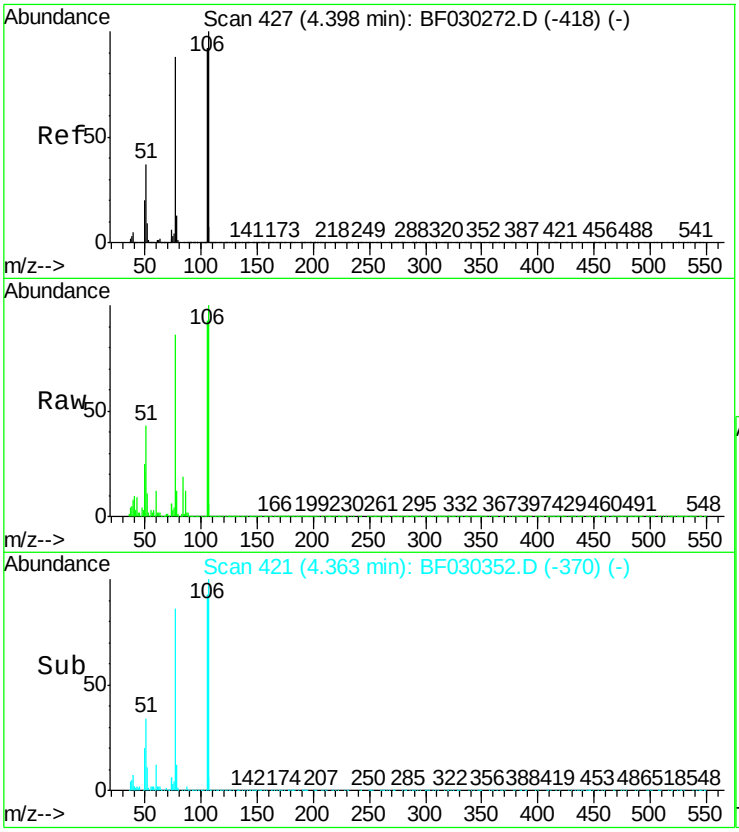
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	480	AB
57-10-3	n-Hexadecanoic acid	9.96	340	J
	unknown10.82	10.82	140	J
6971-40-0	17-Pentatriacontene	12.37	420	J
112-95-8	Eicosane	14.03	95	J
638-67-5	Tricosane	15.24	110	J
	unknown17.09	17.09	550	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 07 11:14:53 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

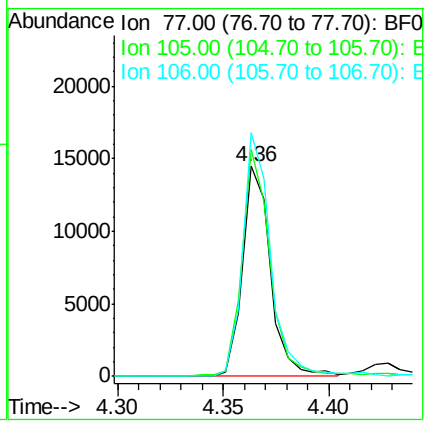


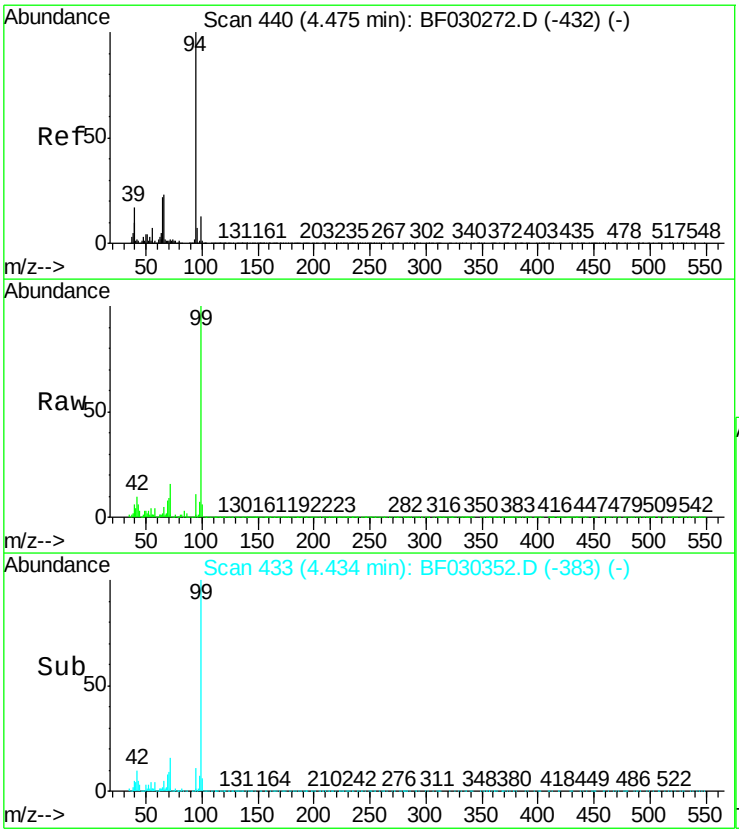


#9
Benzaldehyde
Concen: 5.22 ng
RT: 4.36 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF030352.D
Acq: 6 Aug 2009 20:47

Tgt Ion: 77 Resp: 13241

Ion	Ratio	Lower	Upper
77	100		
105	108.4	92.4	132.4
106	116.1	97.9	137.9

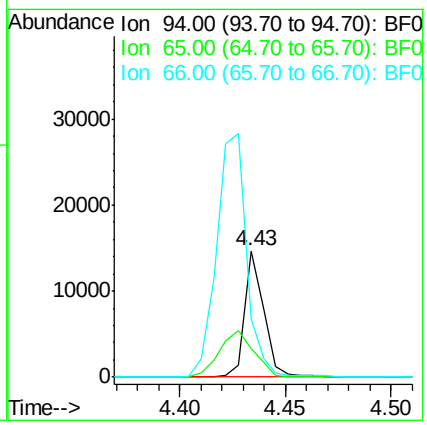


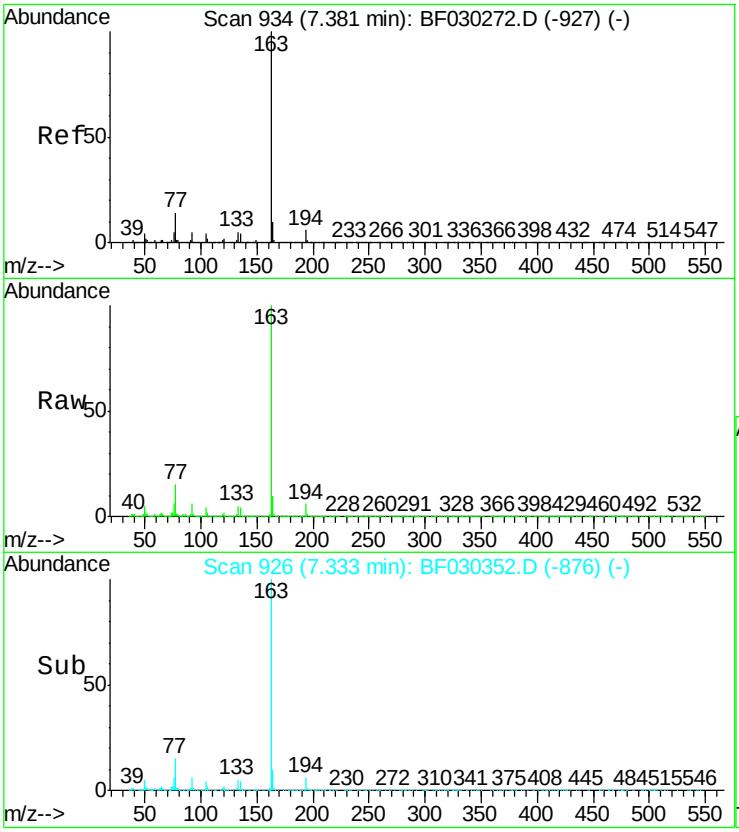


#10
Phenol
Concen: 1.29 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030352.D
Acq: 6 Aug 2009 20:47

Tgt Ion: 94 Resp: 9153

Ion	Ratio	Lower	Upper
94	100		
65	22.9	7.3	47.3
66	45.8	15.5	55.5

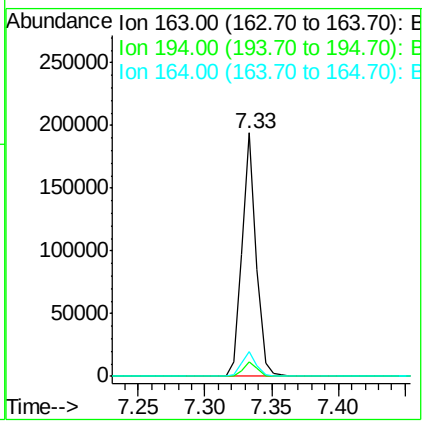




#51
Dimethylphthalate
Concen: 13.60 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030352.D
Acq: 6 Aug 2009 20:47

Tgt Ion:163 Resp: 142331

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.5	6.7
164	10.1	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 07 11:14:53 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	89720	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	335159	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	168949	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	277933	20.00	ng	0.00
77) Chrysene-d12	12.46	240	234402	20.00	ng	0.00
88) Perylene-d12	14.32	264	196250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	677125	134.73	ng	0.00
7) Phenol-d5	4.43	99	842597	134.87	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	646340	137.16	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	313666	101.93	ng	0.00
25) Nitrobenzene-d5	5.29	82	442201	93.65	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	150890	143.40	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	859559	101.59	ng	0.00
80) Terphenyl-d14	11.20	244	744060	104.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	4.36	77	13241	5.22	ng	97
10) Phenol	4.43	94	9153	1.29	ng	86
51) Dimethylphthalate	7.33	163	142331	13.60	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rBV	287193	266406	11.80%	1.345%
2	3.510	272	276	279	rBV	2372403	1916446	84.88%	9.677%
3	4.363	418	421	427	rBV	72817	67702	3.00%	0.342%
4	4.428	427	432	435	rBV	2083145	1883706	83.43%	9.511%
5	4.563	451	455	459	rBV	2319465	1985337	87.94%	10.025%
6	4.781	488	492	495	rBV	605405	457636	20.27%	2.311%
7	4.922	513	516	520	rBV	1933996	1642241	72.74%	8.292%
8	5.292	575	579	582	rBV	1656389	1253863	55.54%	6.331%
9	5.934	685	688	692	rBV	748365	606518	26.86%	3.063%
10	6.604	800	802	812	rVB2	34062	41137	1.82%	0.208%
11	6.933	854	858	861	rBV	2805837	2257725	100.00%	11.400%
12	7.333	922	926	929	rBV	373843	278480	12.33%	1.406%
13	7.616	971	974	978	rBV	800685	664678	29.44%	3.356%
14	8.480	1116	1121	1129	rBV	1224284	1197349	53.03%	6.046%
15	8.645	1146	1149	1163	rVB2	15826	28183	1.25%	0.142%
16	9.274	1252	1256	1260	rBV	717869	651653	28.86%	3.290%
17	9.963	1369	1373	1383	rBV2	231665	270889	12.00%	1.368%
18	10.821	1509	1519	1522	rBV6	39678	110139	4.88%	0.556%
19	10.921	1532	1536	1545	rVB3	39923	55208	2.45%	0.279%
20	11.198	1578	1583	1587	rBV	1904926	2105622	93.26%	10.632%
21	11.833	1687	1691	1697	rVB	26306	32401	1.44%	0.164%
22	12.368	1777	1782	1793	rBV3	106478	310625	13.76%	1.568%
23	12.457	1793	1797	1805	rVB	585874	618258	27.38%	3.122%
24	13.745	2012	2016	2023	rBV7	23285	39279	1.74%	0.198%
25	14.027	2059	2064	2069	rBV	39294	61435	2.72%	0.310%
26	14.321	2107	2114	2125	rVB	335967	535804	23.73%	2.705%
27	14.868	2201	2207	2214	rVB4	17863	37783	1.67%	0.191%
28	15.239	2264	2270	2281	rBV3	26177	71763	3.18%	0.362%
29	17.092	2559	2585	2587	rBV3	61080	356257	15.78%	1.799%

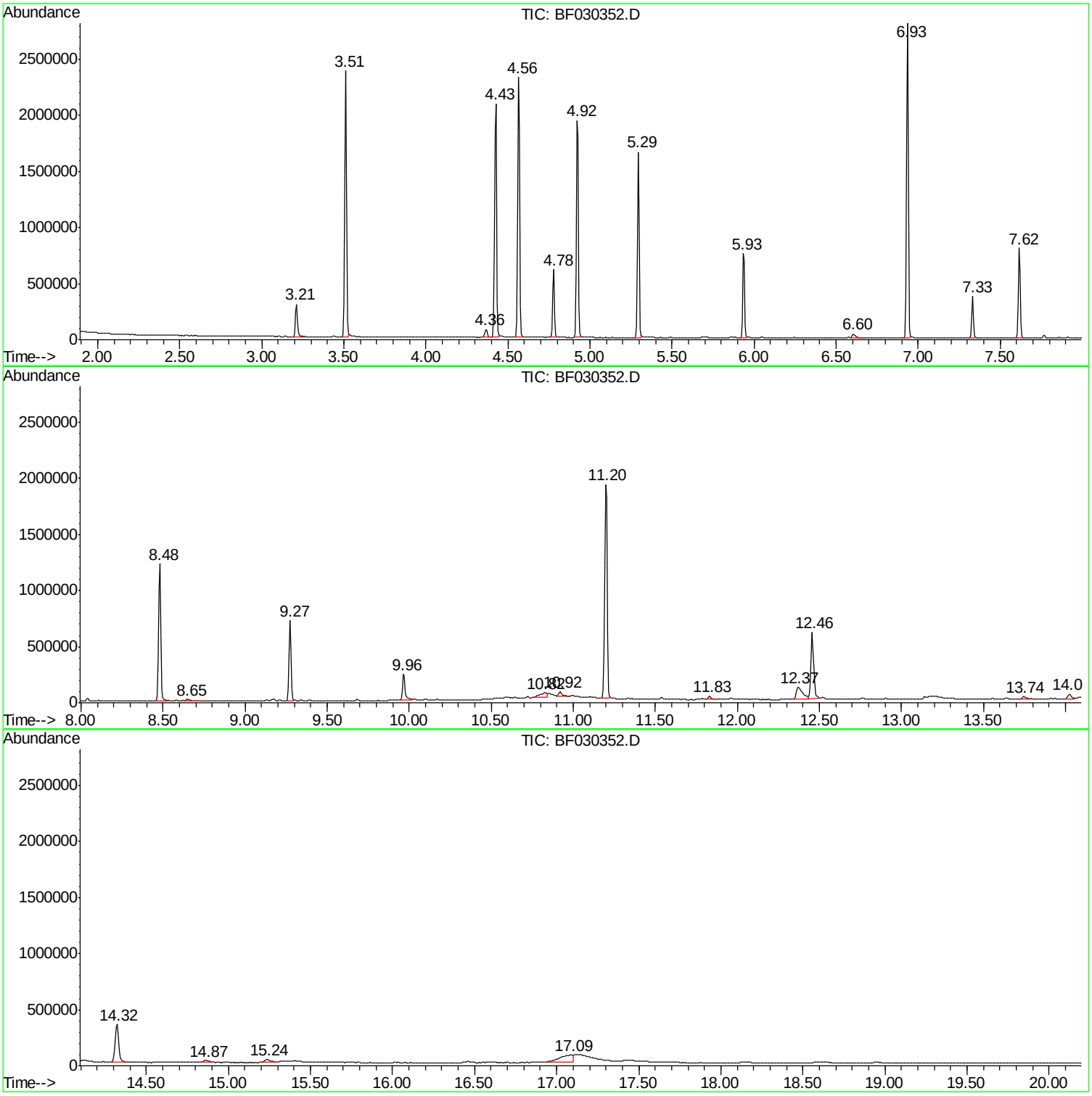
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LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
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Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

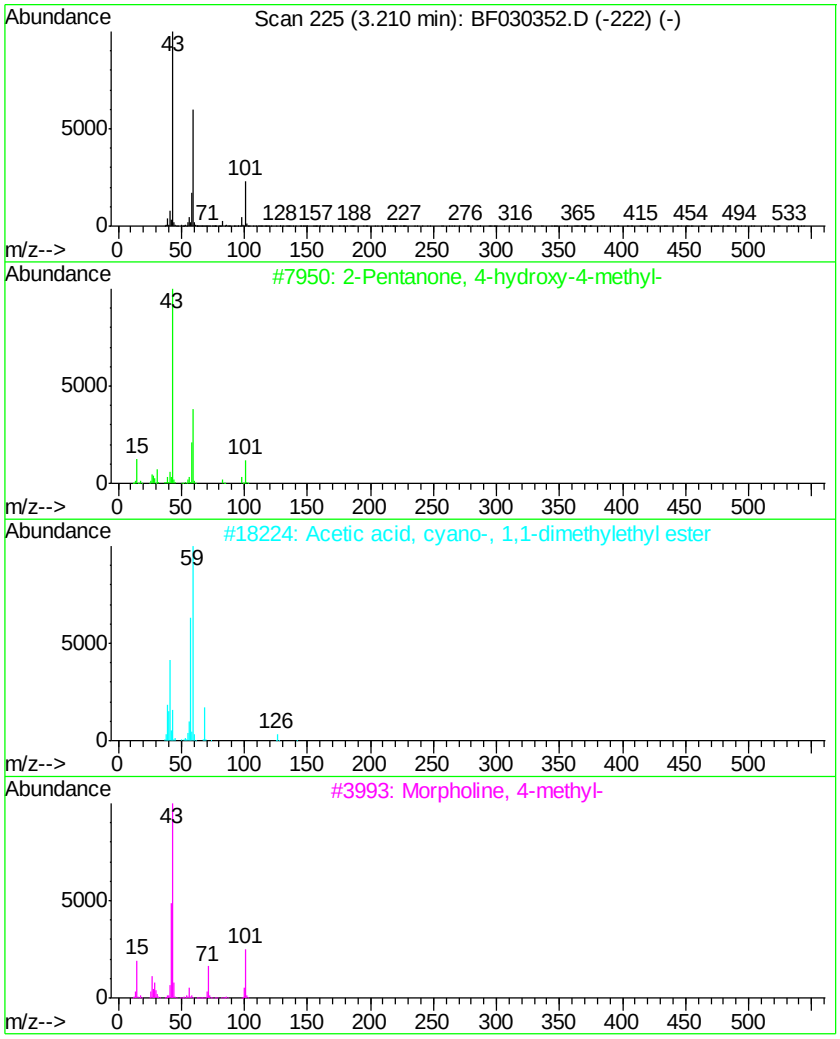
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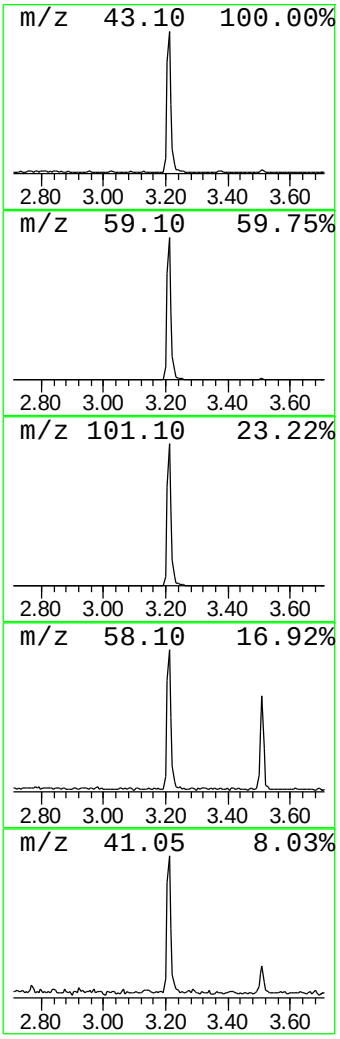
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	11.64 ng	266406	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

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Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

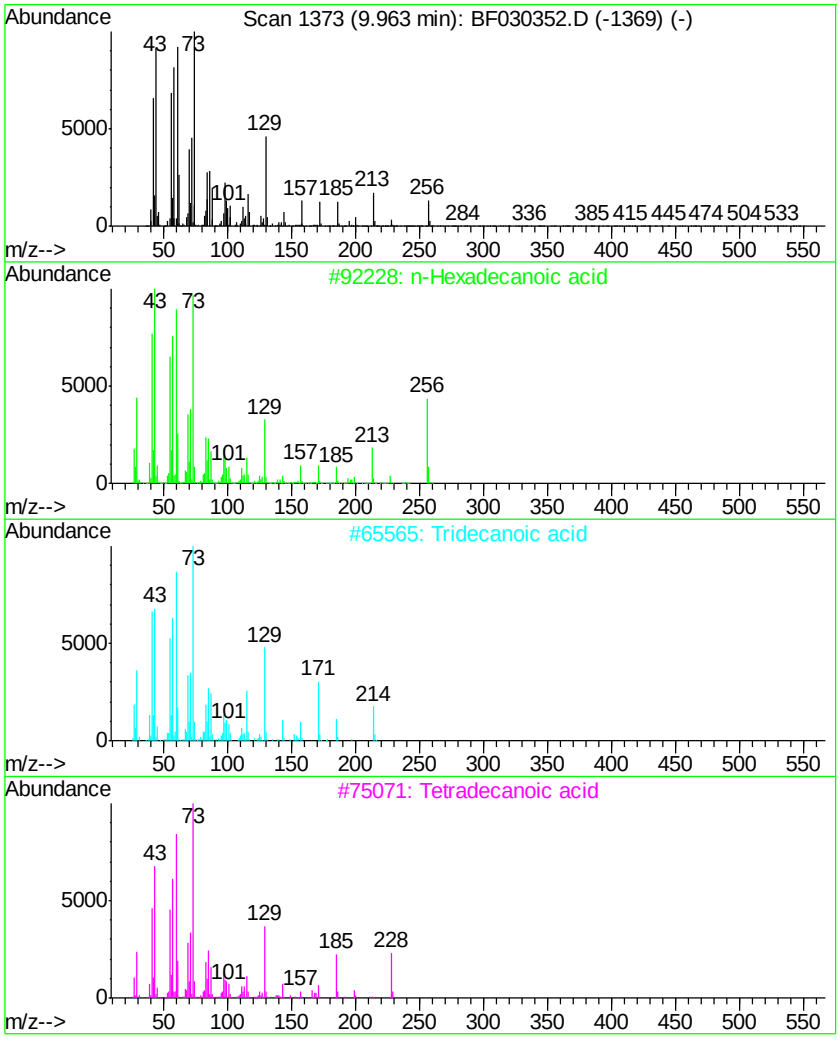
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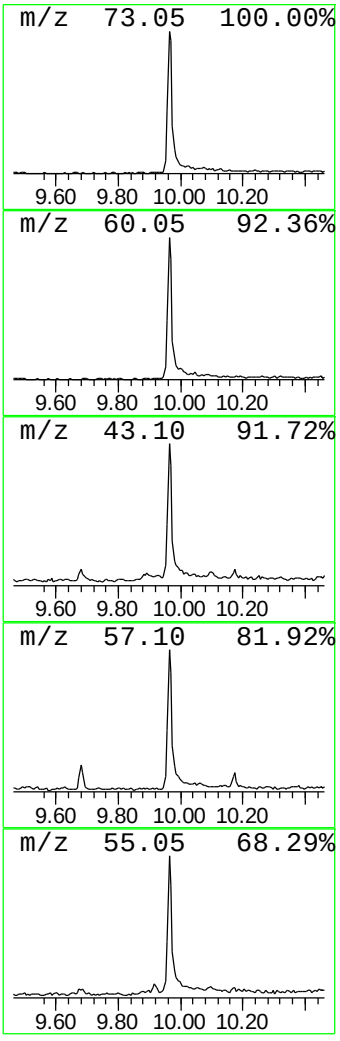
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	8.31 ng	270889	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

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Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

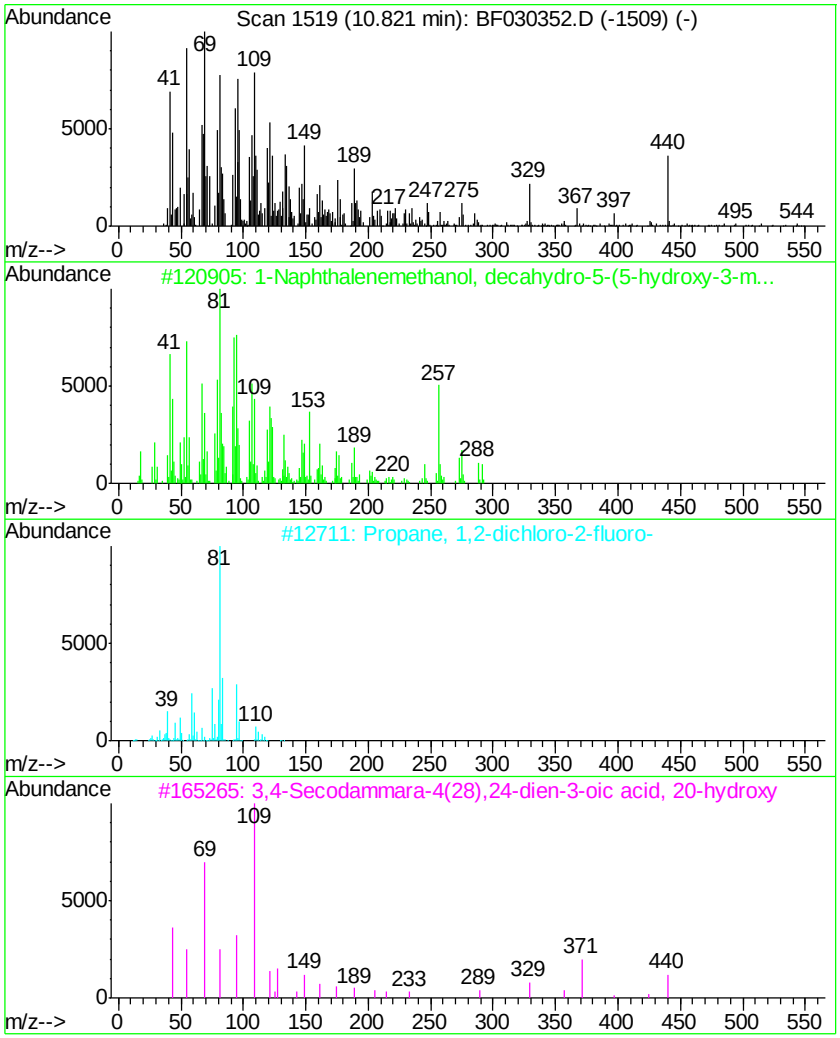
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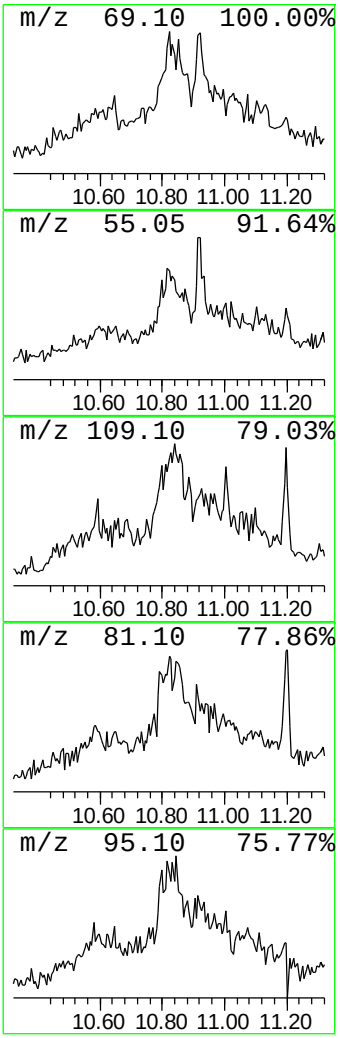
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Peak Number 3 unknown10.82 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.38 ng	110139	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	40
2	Propane, 1,2-dichloro-2-fluoro-	130	C3H5Cl2F	000420-97-3	25
3	3,4-Secodammara-4(28),24-dien-3-...	458	C30H50O3	034336-09-9	16
4	1-Propene, 1,1,3-trichloro-	144	C3H3Cl3	002567-14-8	14
5	3H-Naphth[1,8a-b]oxiren-2(1aH)-o...	166	C10H14O2	026923-55-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
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Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

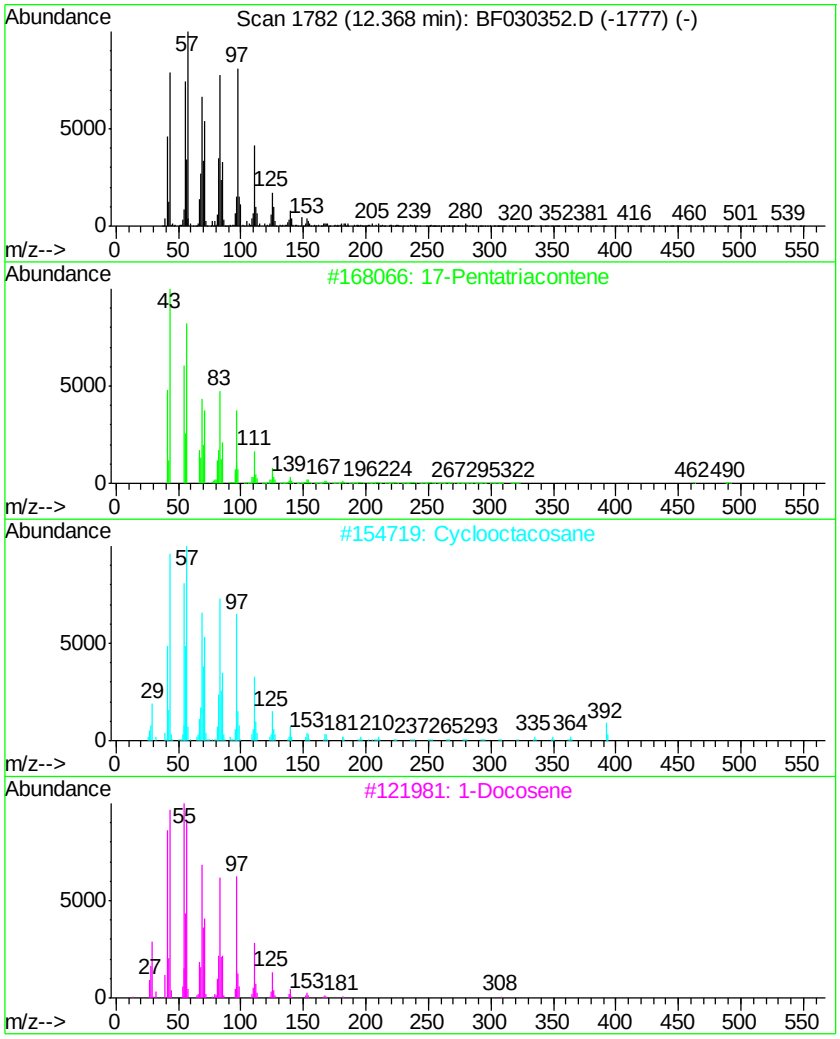
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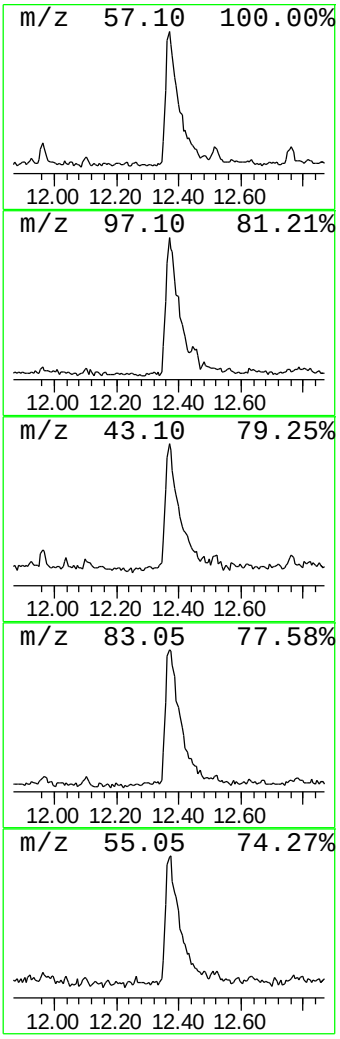
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Peak Number 4 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.05 ng	310625	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





Library Search Compound Report

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Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

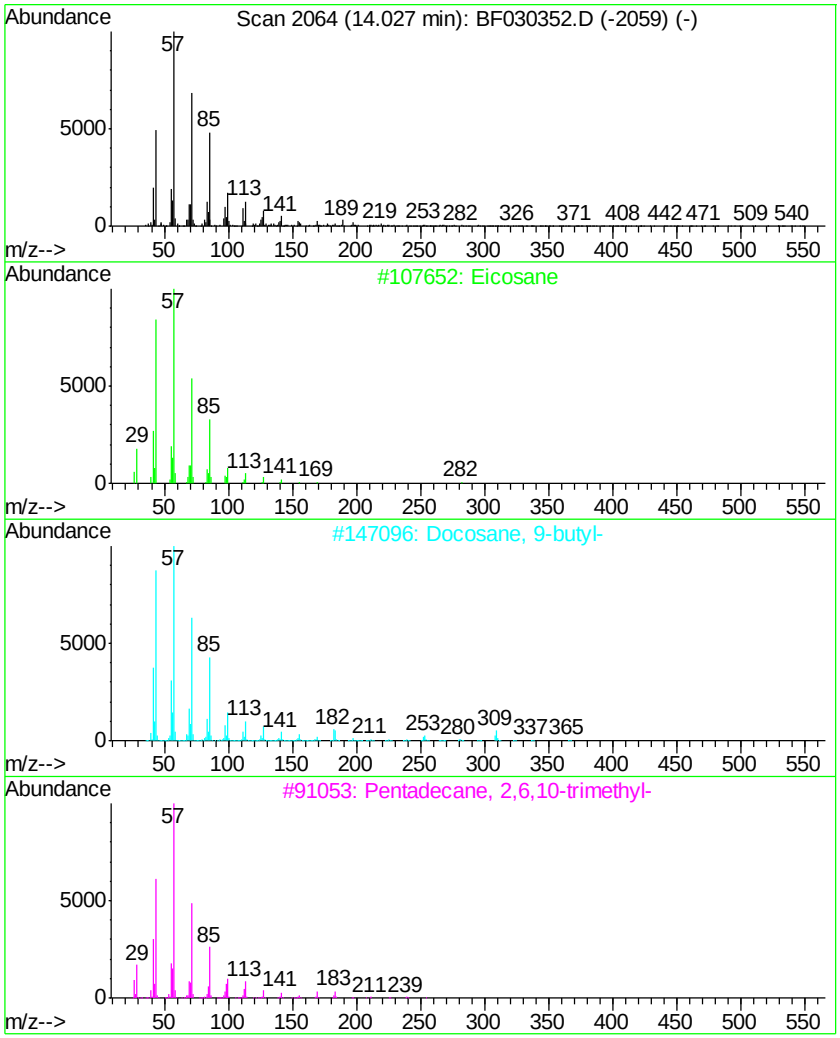
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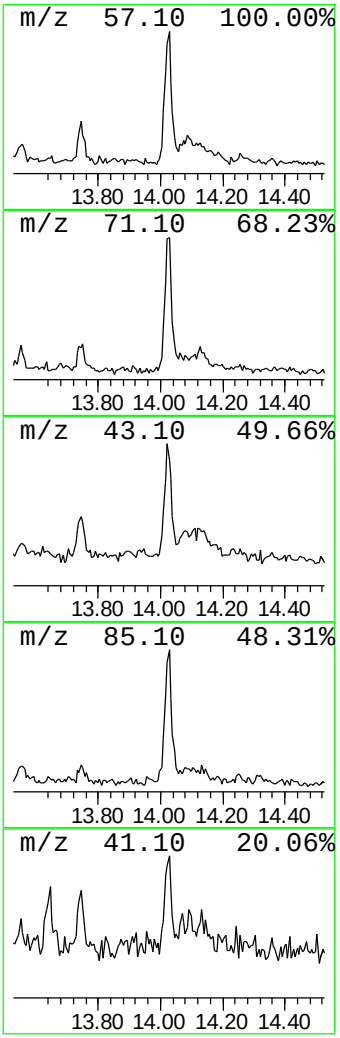
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Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.29 ng	61435	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

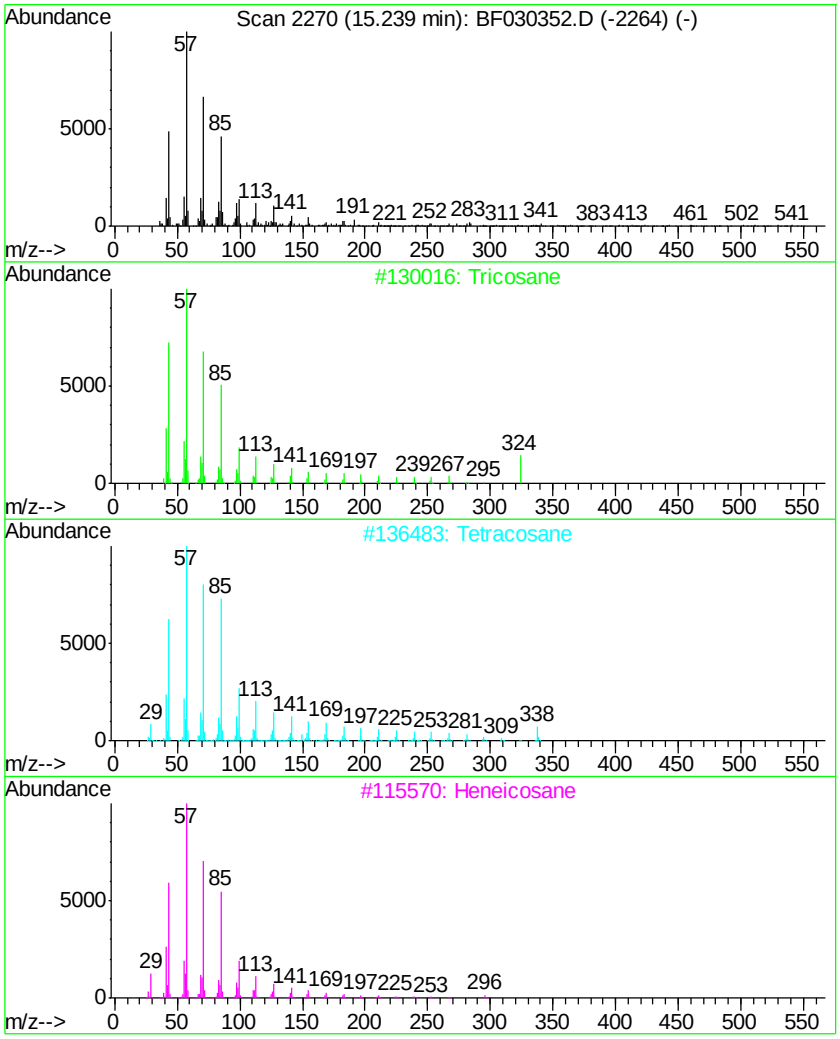
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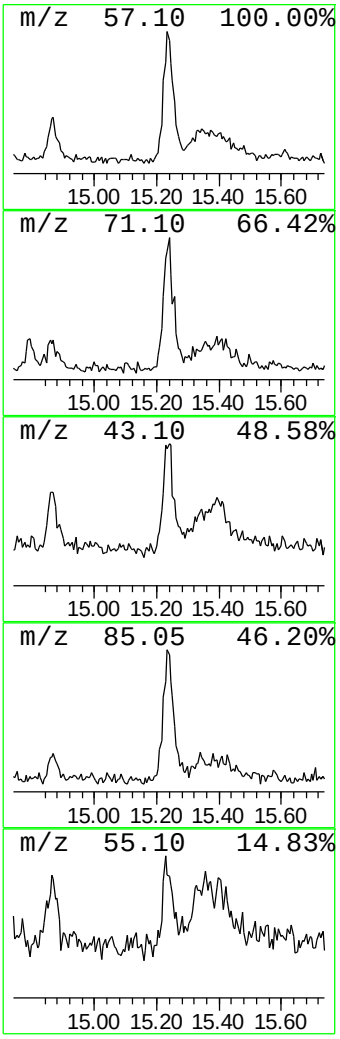
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Peak Number 6 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.68 ng	71763	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030352.D
Acq On : 6 Aug 2009 20:47
Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

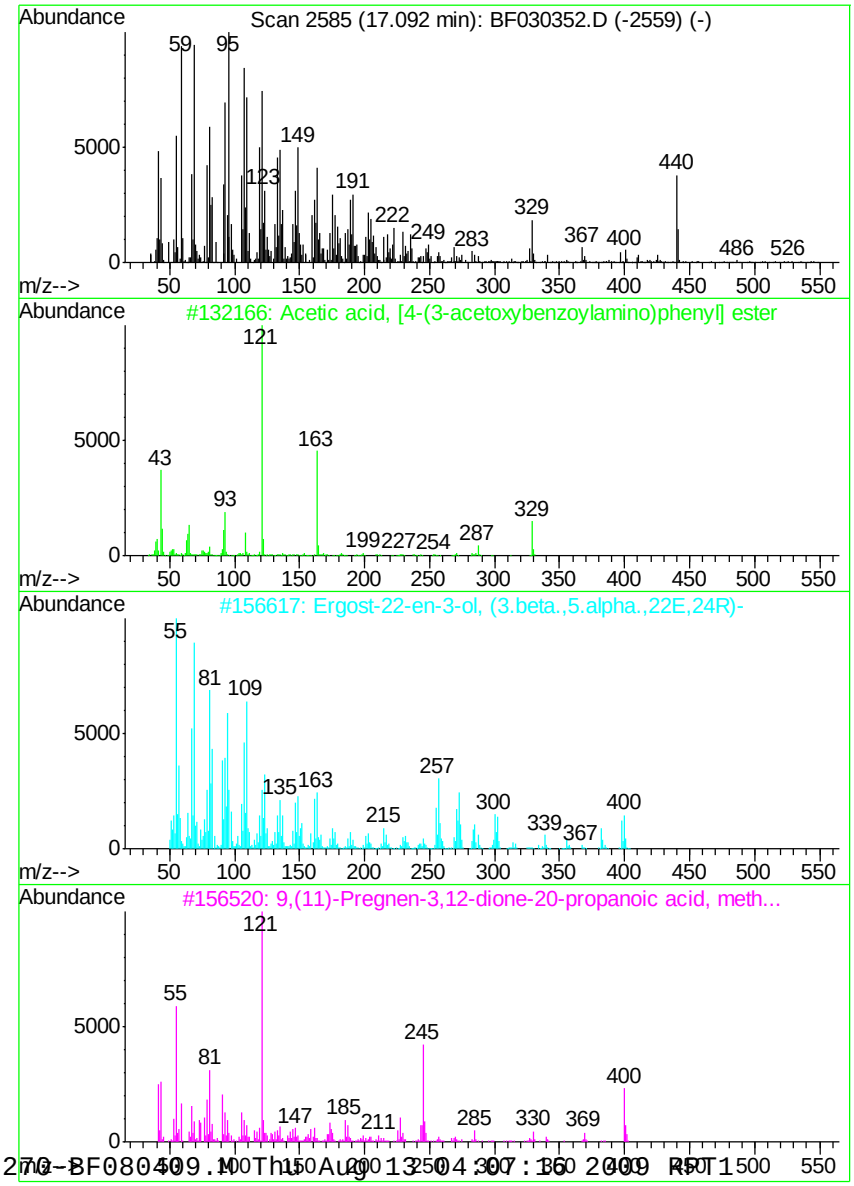
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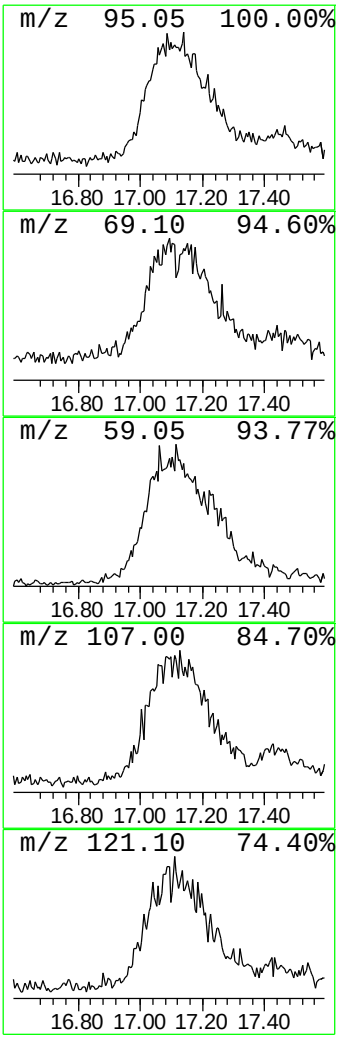
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Peak Number 7 unknown17.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	13.30 ng	356257	Perylene-d12	14.32

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, [4-(3-acetoxybenzoy...	329	C17H15NO6	1000273-66-5	9
2	Ergost-22-en-3-ol, (3.beta.,5.al...	400	C28H48O	036422-25-0	7
3	9,(11)-Pregnen-3,12-dione-20-pro...	400	C25H36O4	106655-34-9	7
4	Octopamine	153	C8H11NO2	000104-14-3	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
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Operator : QM
Sample : A3816-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	11.6	ng	266406	1	4.78	457636	20.0
n-Hexadecanoic acid	9.96	8.3	ng	270889	4	9.27	651653	20.0
unknown10.82	10.82	3.4	ng	110139	4	9.27	651653	20.0
17-Pentatriacontene	12.37	10.1	ng	310625	5	12.46	618258	20.0
Eicosane	14.03	2.3	ng	61435	6	14.32	535804	20.0
Tricosane	15.24	2.7	ng	71763	6	14.32	535804	20.0
unknown17.09	17.09	13.3	ng	356257	6	14.32	535804	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	170	J
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
65794-96-9	3+4-Methylphenols	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
92-52-4	1,1-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	500	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

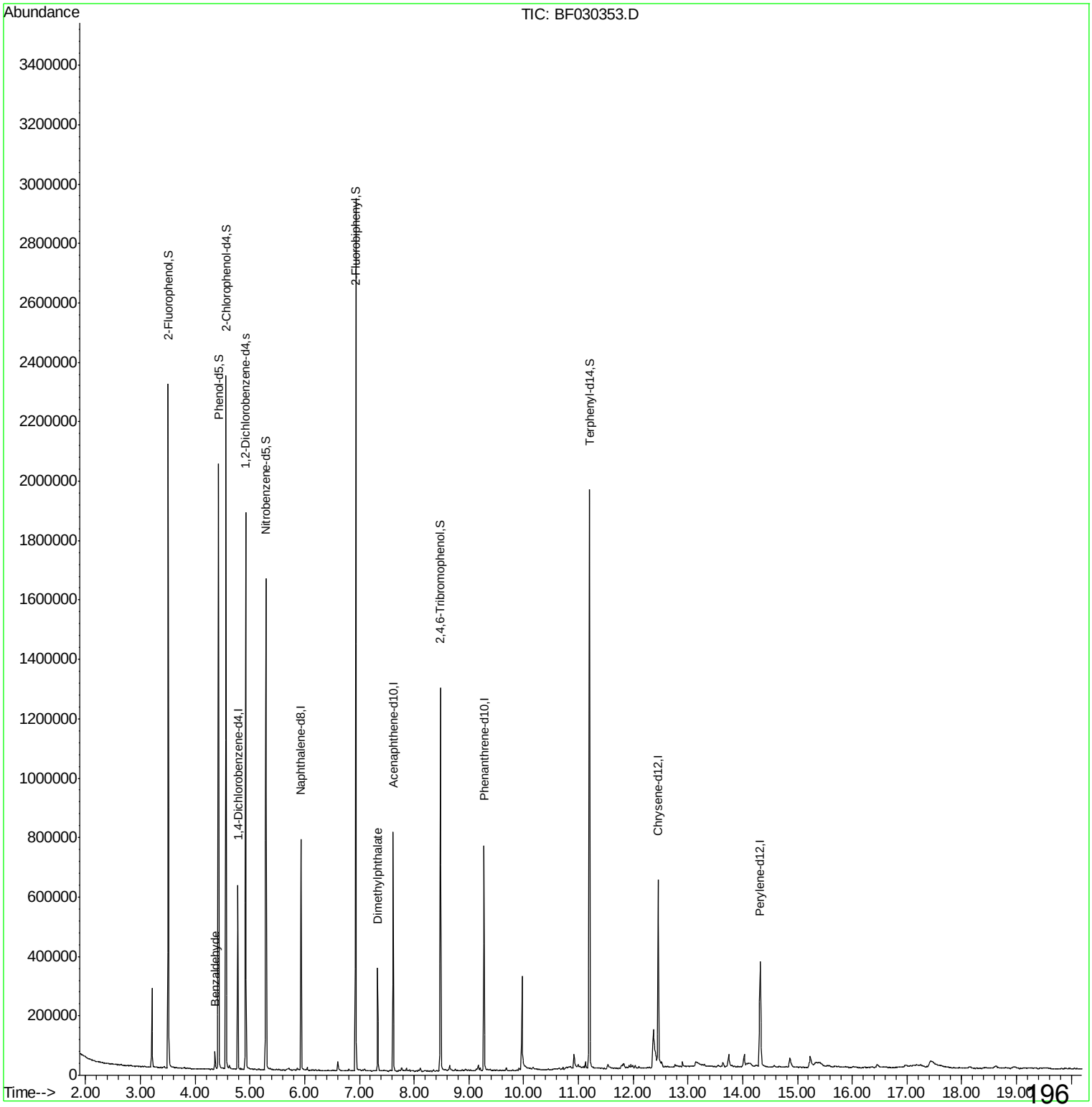
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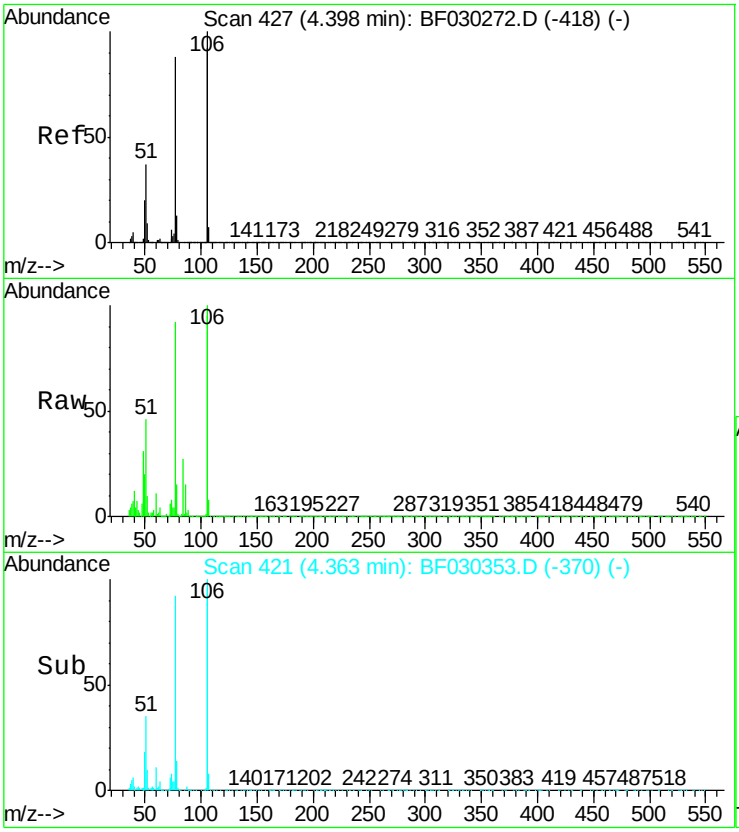
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	430	AB
57-10-3	n-Hexadecanoic acid	9.97	440	J
6971-40-0	17-Pentatriacontene	12.37	450	J
14811-95-1	1,19-Eicosadiene	13.74	97	J
7098-22-8	Tetratetracontane	14.03	97	J
638-66-4	Octadecanal	14.86	94	J
646-31-1	Tetracosane	15.23	120	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 07 11:16:04 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

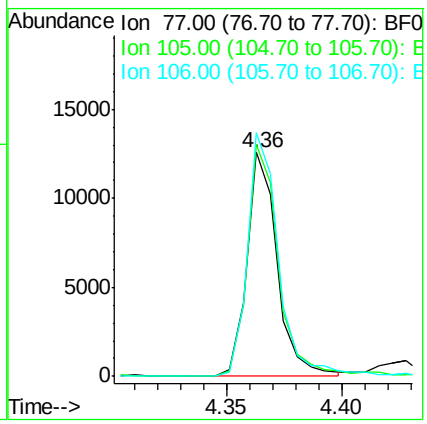


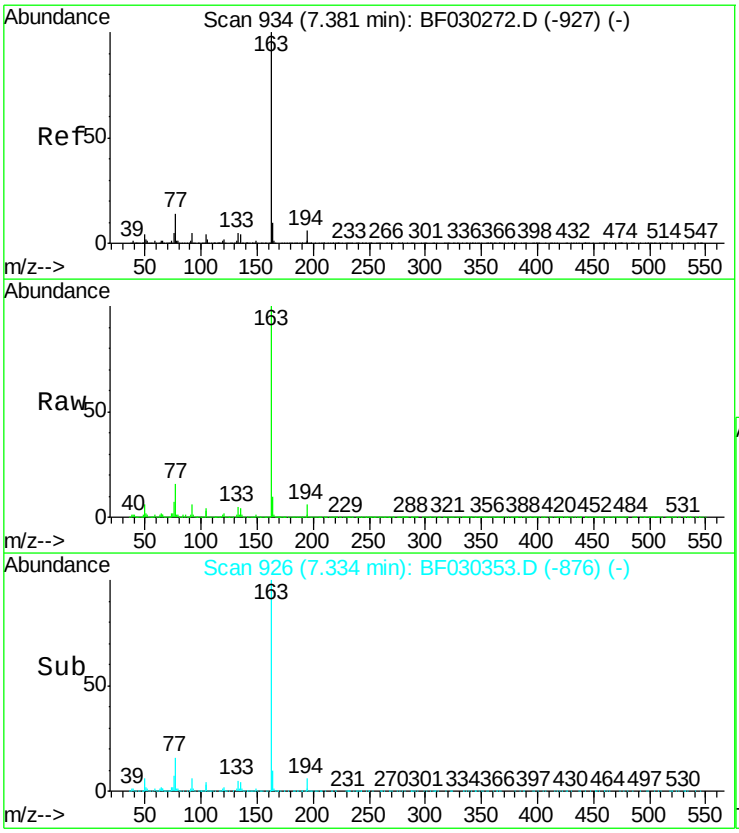


#9
Benzaldehyde
Concen: 4.26 ng
RT: 4.36 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF030353.D
Acq: 6 Aug 2009 21:14

Tgt Ion: 77 Resp: 11468

Ion	Ratio	Lower	Upper
77	100		
105	103.6	92.4	132.4
106	108.6	97.9	137.9

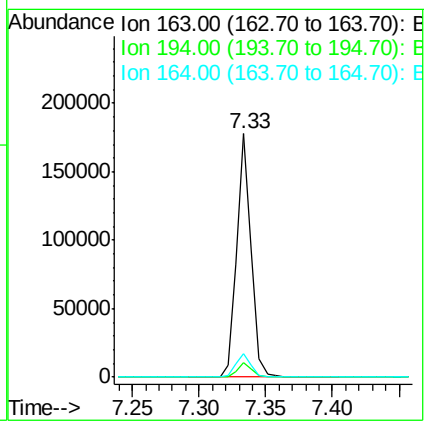




#51
Dimethylphthalate
Concen: 12.21 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030353.D
Acq: 6 Aug 2009 21:14

Tgt Ion:163 Resp: 134706

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.5	6.7
164	9.9	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 07 11:16:04 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	95162	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	342430	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	178085	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	292224	20.00	ng	0.00
77) Chrysene-d12	12.46	240	244397	20.00	ng	0.00
88) Perylene-d12	14.32	264	204494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	664149	124.60	ng	0.00
7) Phenol-d5	4.43	99	850801	128.39	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	647168	129.48	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	307570	94.23	ng	0.00
25) Nitrobenzene-d5	5.29	82	441604	91.53	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	160088	144.34	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	895678	100.42	ng	0.00
80) Terphenyl-d14	11.20	244	765918	103.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	4.36	77	11468	4.26	ng	92
51) Dimethylphthalate	7.33	163	134706	12.21	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	221	225	232	rVB	267979	255057	10.87%	1.287%
2	3.510	272	276	279	rBV	2302663	1880032	80.11%	9.485%
3	4.363	418	421	427	rBV	61082	57237	2.44%	0.289%
4	4.428	427	432	434	rBV	2036051	1881593	80.18%	9.493%
5	4.563	451	455	459	rBV	2334671	1994883	85.01%	10.064%
6	4.781	488	492	495	rBV	620741	479072	20.41%	2.417%
7	4.922	513	516	520	rBV	1865212	1585269	67.55%	7.998%
8	5.293	575	579	582	rBV	1651522	1251747	53.34%	6.315%
9	5.934	685	688	692	rBV	775587	624847	26.63%	3.152%
10	6.604	799	802	811	rBV	29872	40128	1.71%	0.202%
11	6.934	854	858	861	rBV	2935944	2346677	100.00%	11.839%
12	7.334	923	926	932	rBV	345229	263006	11.21%	1.327%
13	7.616	971	974	978	rBV	802907	695828	29.65%	3.511%
14	8.481	1116	1121	1129	rBV	1286599	1250413	53.28%	6.308%
15	9.275	1252	1256	1260	rBV	756891	679730	28.97%	3.429%
16	9.969	1370	1374	1391	rBV2	314485	372241	15.86%	1.878%
17	10.922	1532	1536	1545	rBV	46400	63599	2.71%	0.321%
18	11.204	1578	1584	1587	rBV	1945602	2173805	92.63%	10.967%
19	11.539	1635	1641	1651	rBV3	13338	31278	1.33%	0.158%
20	12.369	1777	1782	1793	rBV2	127255	359044	15.30%	1.811%
21	12.457	1793	1797	1805	rVB	619009	641115	27.32%	3.234%
22	13.745	2011	2016	2024	rBV3	40937	67903	2.89%	0.343%
23	14.027	2059	2064	2069	rBV	42376	67136	2.86%	0.339%
24	14.321	2107	2114	2123	rBV	354872	565284	24.09%	2.852%
25	14.862	2201	2206	2216	rVB4	29600	65525	2.79%	0.331%
26	15.233	2263	2269	2278	rBV	35459	85264	3.63%	0.430%
27	17.433	2635	2643	2646	rBV7	16094	43564	1.86%	0.220%

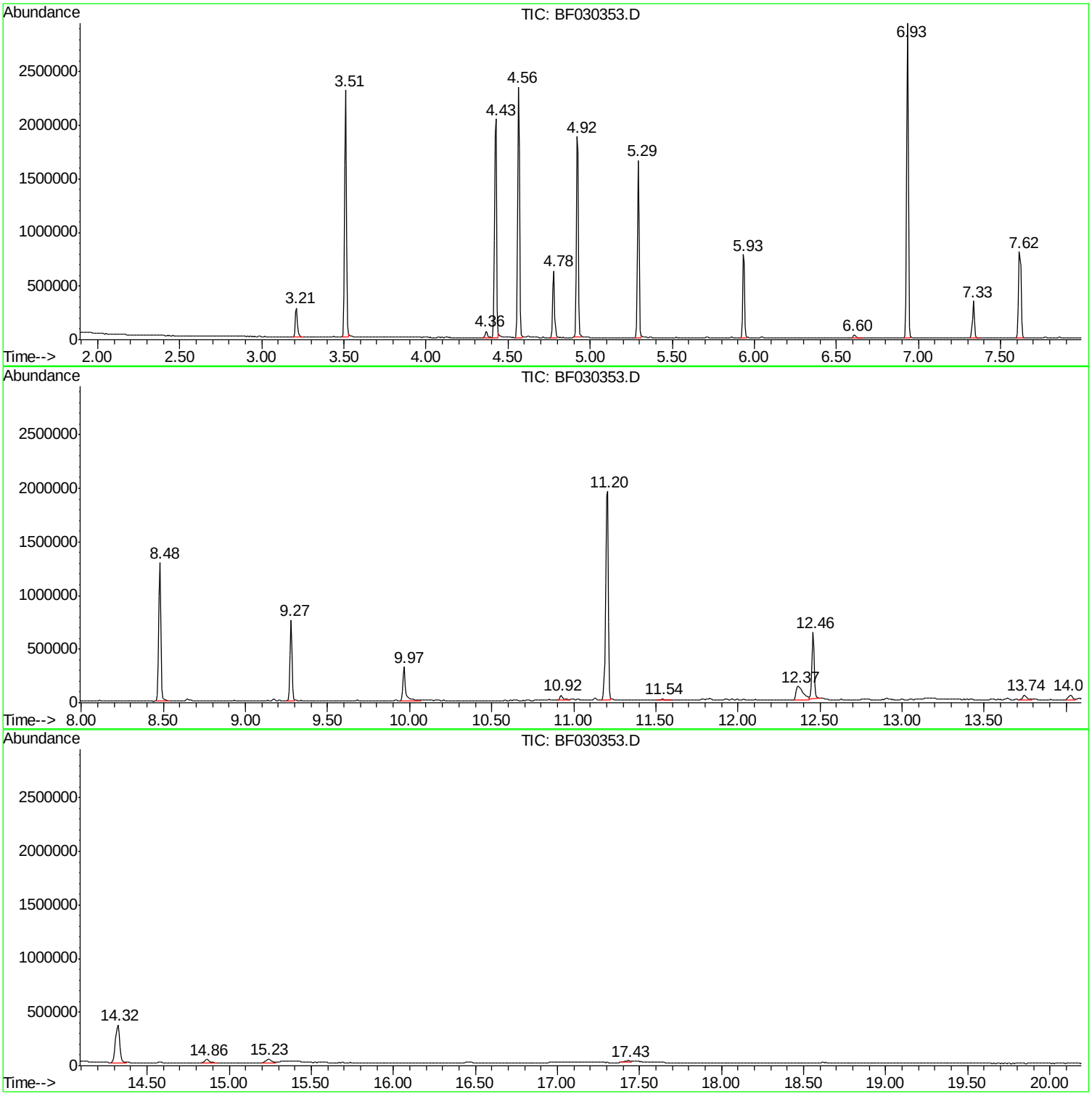
Sum of corrected areas: 19821277

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

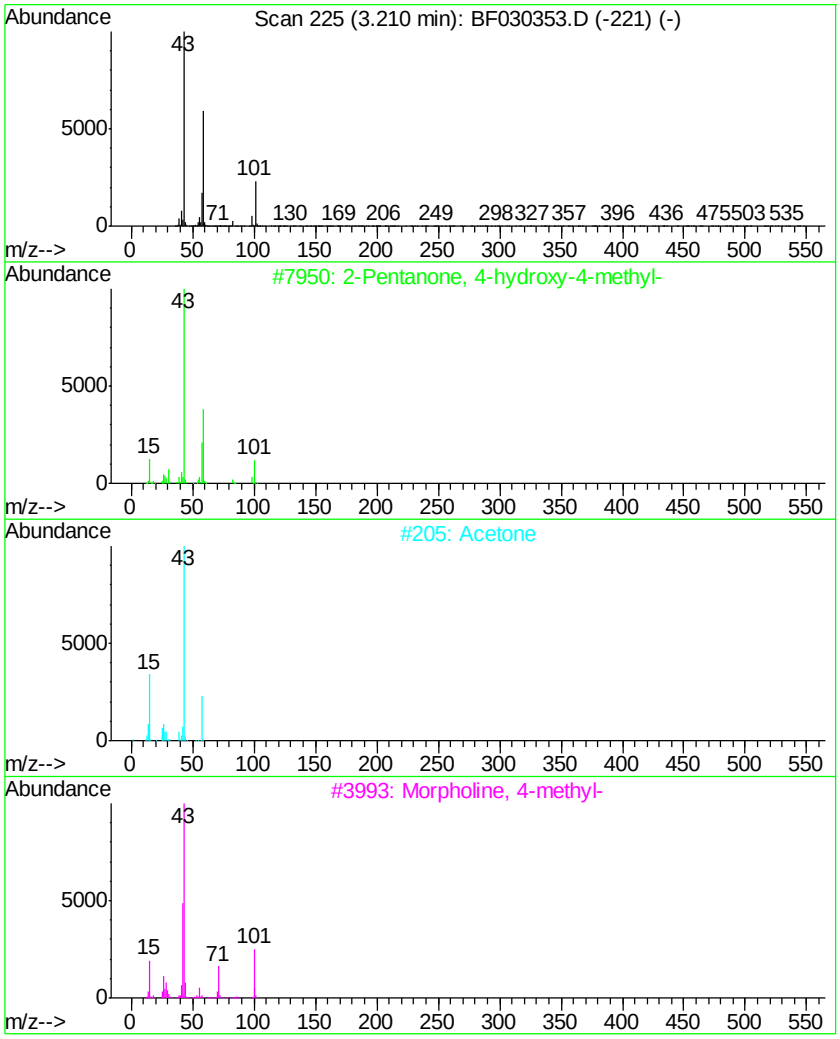
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TIC Integration Parameters: LSCINT.P

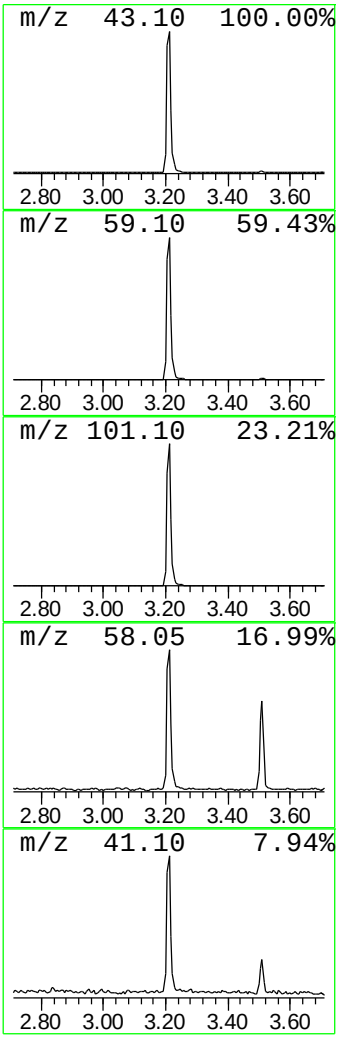
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.65 ng	255057	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetone	58	C3H6O	000067-64-1	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

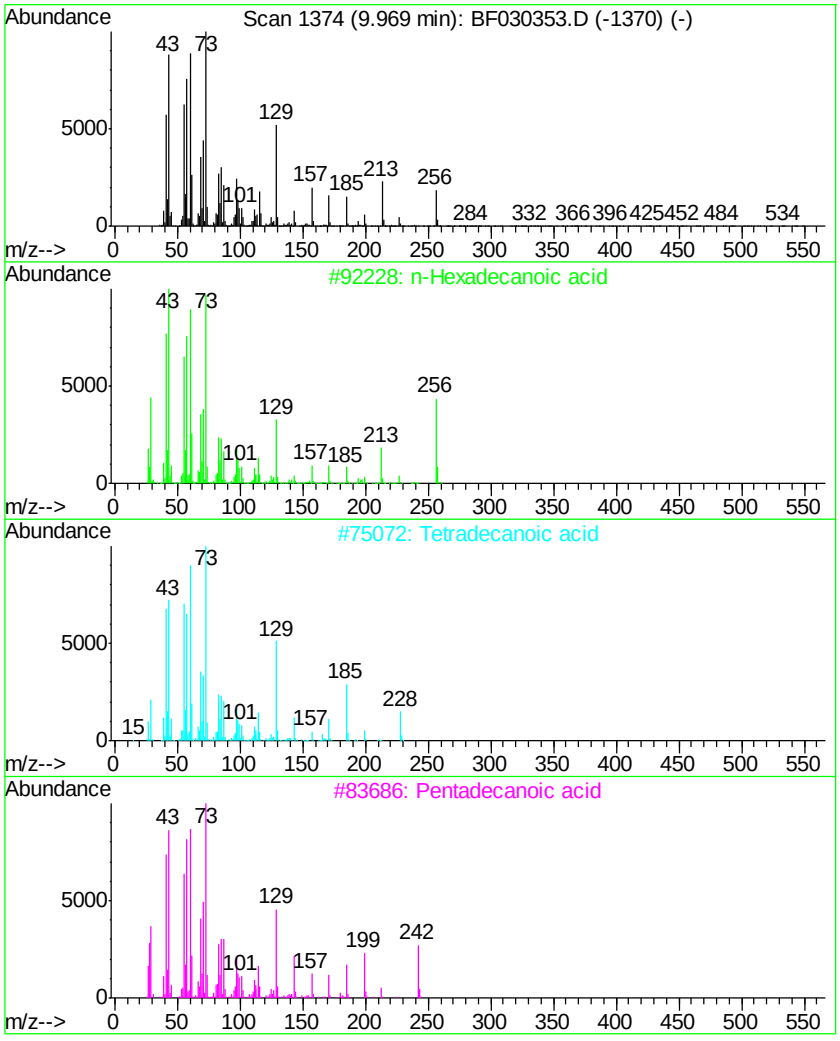
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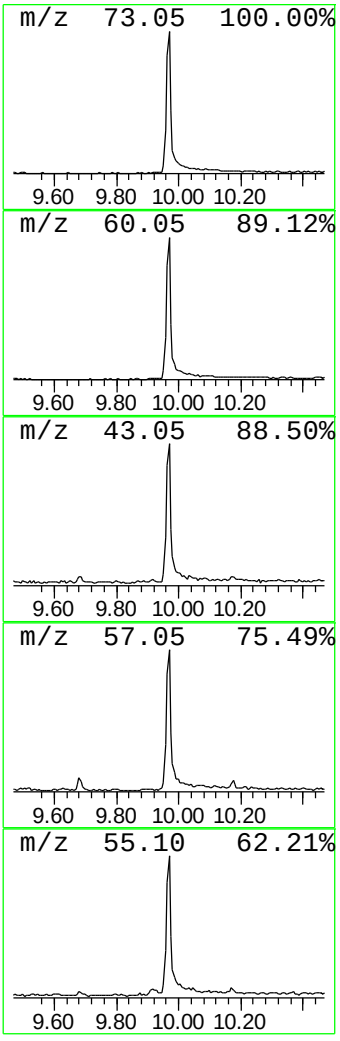
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	10.95 ng	372241	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

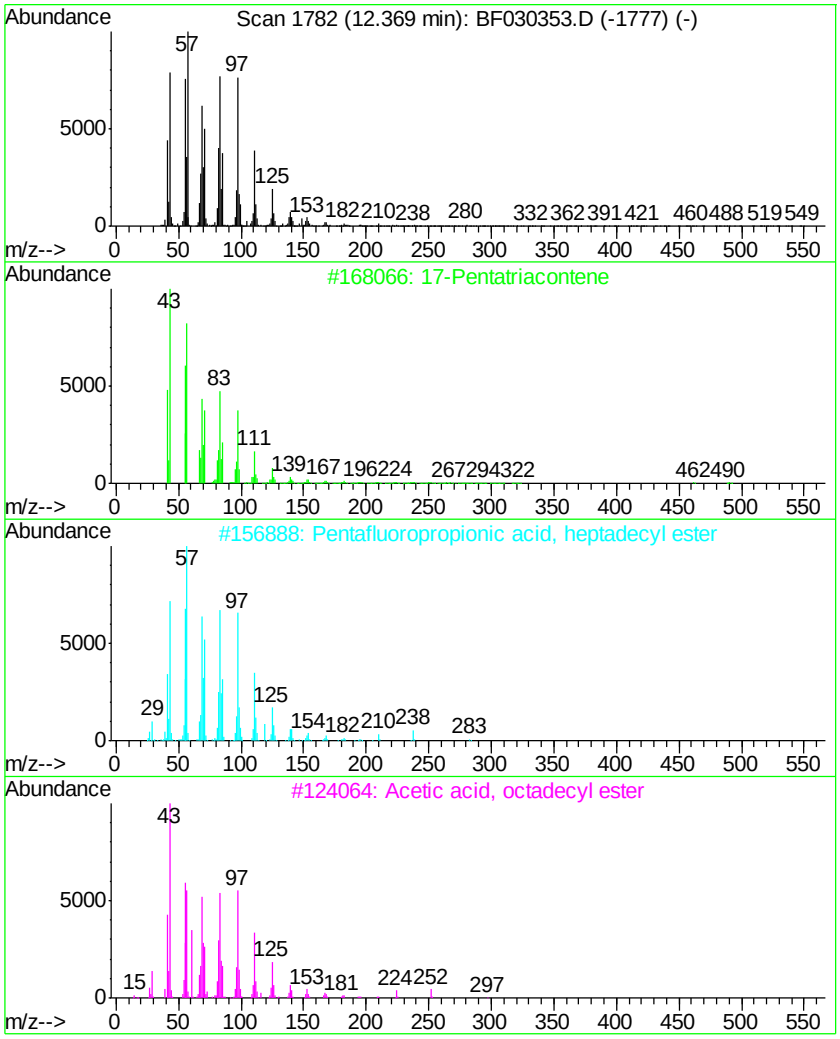
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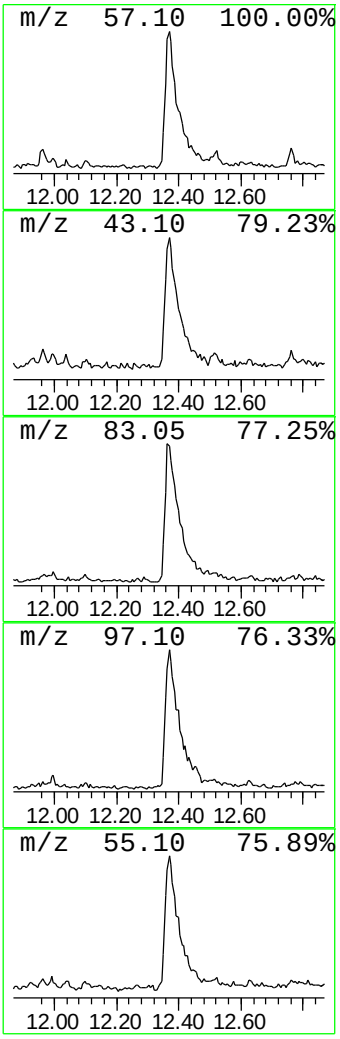
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Peak Number 3 17-Pentatriacontene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	11.20 ng	359044	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	83
4	1-Docosene	308	C22H44	001599-67-3	83
5	1-Eicosanol	298	C20H42O	000629-96-9	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

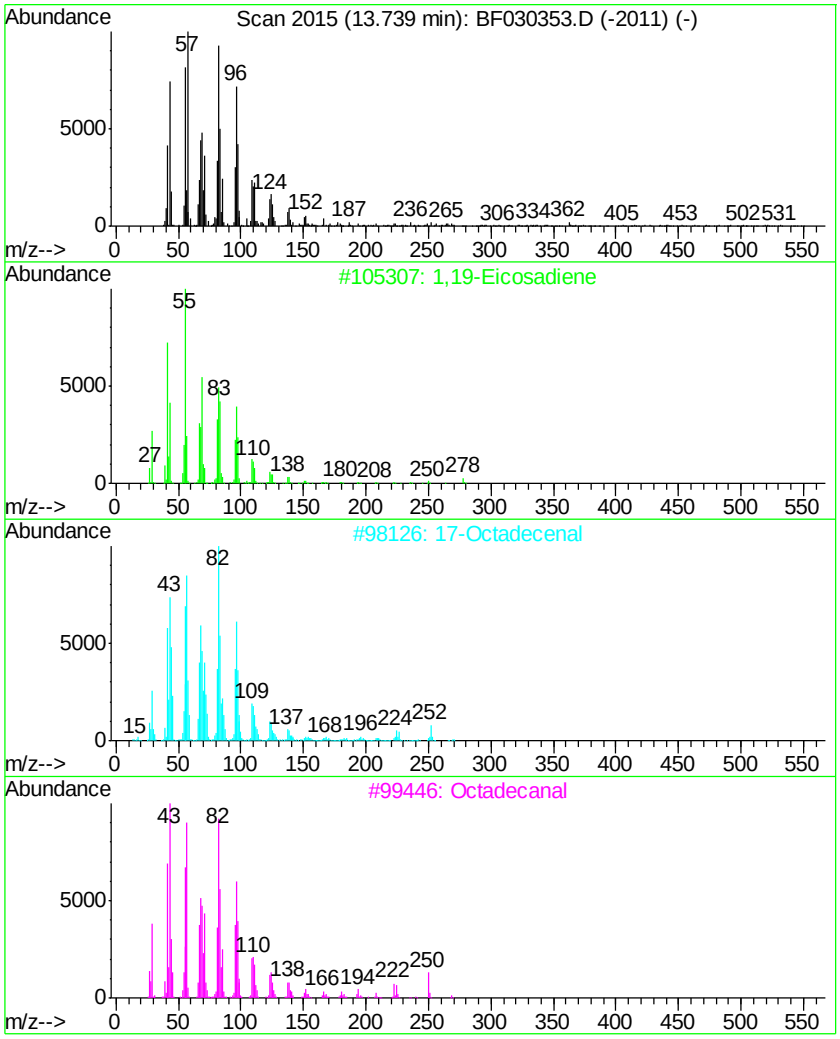
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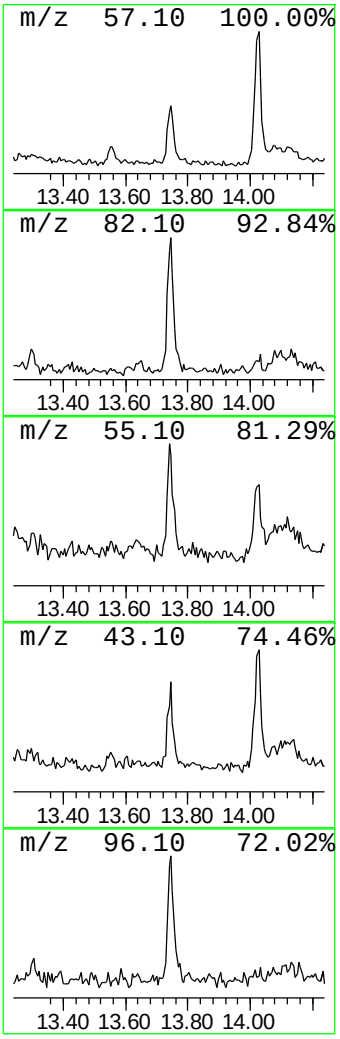
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Peak Number 4 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.40 ng	67903	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	17-Octadecenal	266	C18H34O	056554-86-0	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	16-Octadecenal	266	C18H34O	056554-87-1	91
5	16-Heptadecenal	252	C17H32O	1000144-57-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

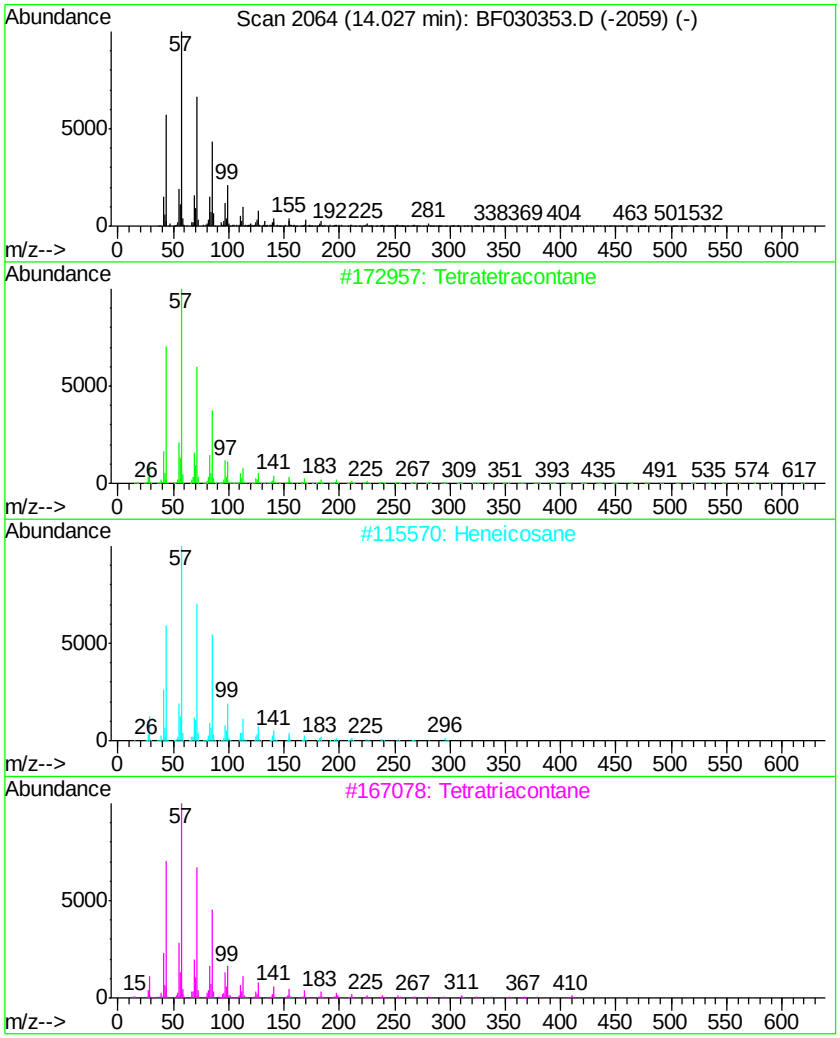
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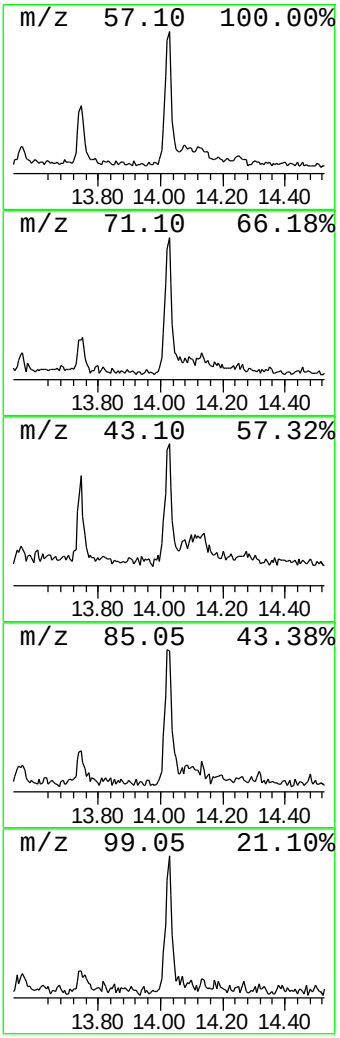
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Peak Number 5 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.38 ng	67136	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

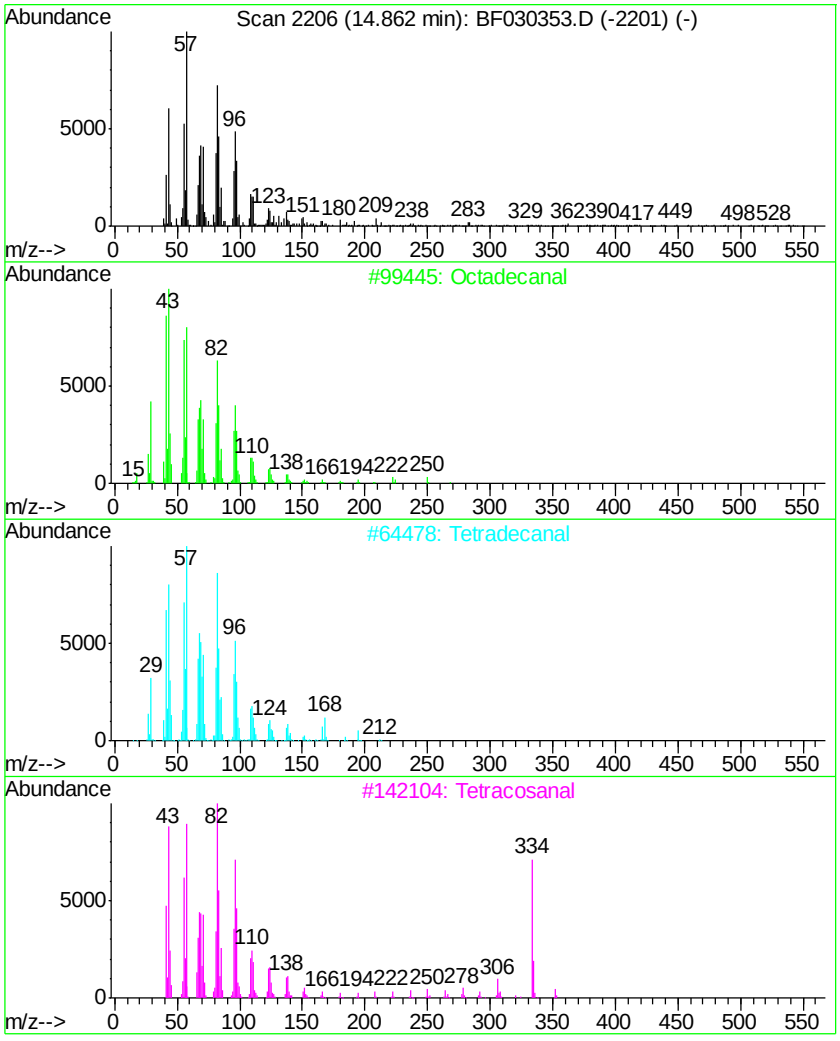
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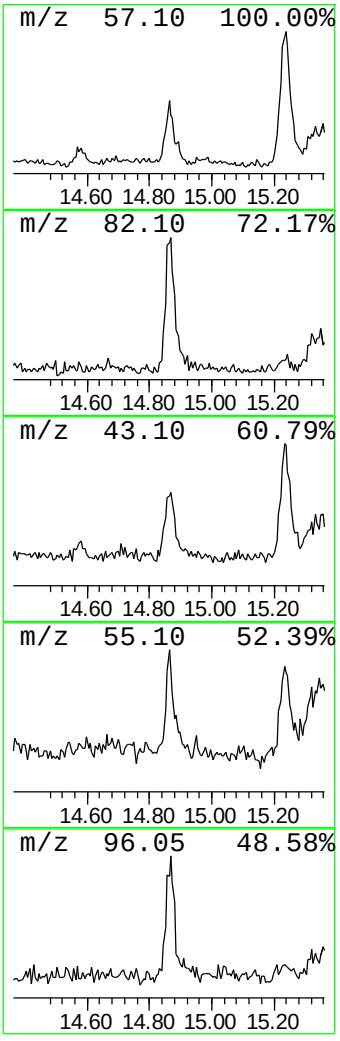
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Peak Number 6 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.32 ng	65525	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Tetracosanal	352	C24H48O	057866-08-7	91
4	Hexadecanal	240	C16H32O	000629-80-1	74
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

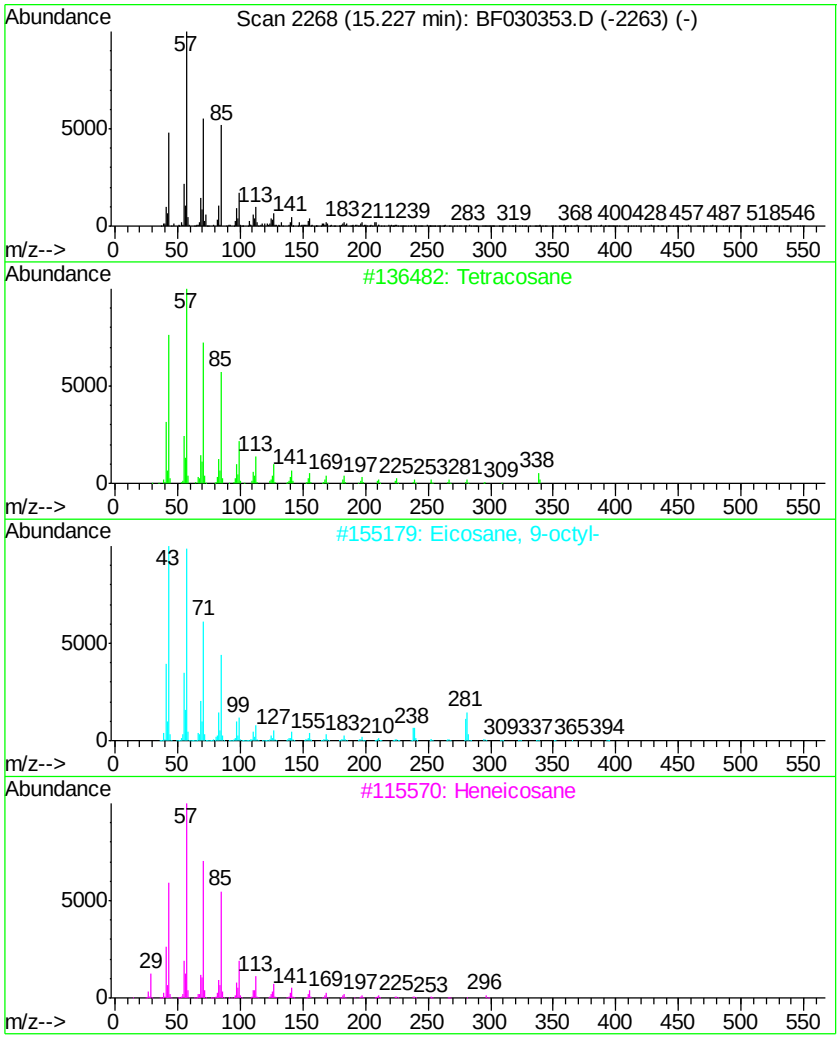
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TIC Integration Parameters: LSCINT.P

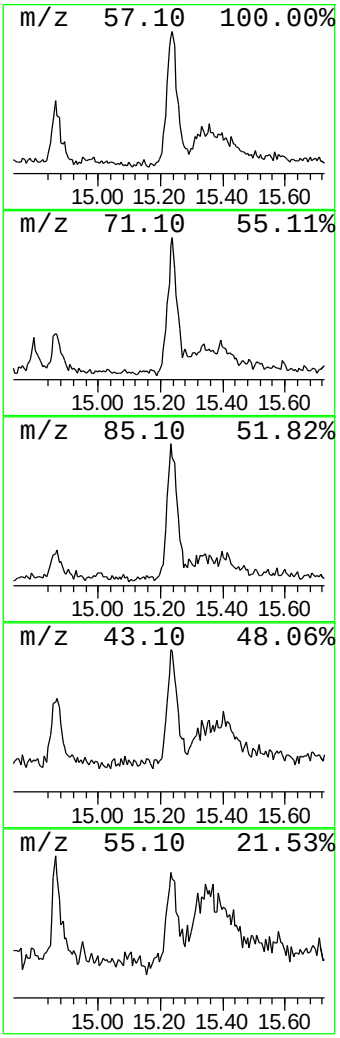
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Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	3.02 ng	85264	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030353.D
Acq On : 6 Aug 2009 21:14
Operator : QM
Sample : A3816-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.7	ng	255057	1	4.78	479072	20.0
n-Hexadecanoic acid	9.97	10.9	ng	372241	4	9.27	679730	20.0
17-Pentatriacontene	12.37	11.2	ng	359044	5	12.46	641115	20.0
1,19-Eicosadiene	13.74	2.4	ng	67903	6	14.32	565284	20.0
Tetratetracontane	14.03	2.4	ng	67136	6	14.32	565284	20.0
Octadecanal	14.86	2.3	ng	65525	6	14.32	565284	20.0
Tetracosane	15.23	3.0	ng	85264	6	14.32	565284	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
65794-96-9	3+4-Methylphenols	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	540	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	1900	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	1900	U
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	1900	U
129-00-0	Pyrene	1900	U
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	1900	U
218-01-9	Chrysene	1900	U
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1900	U
205-99-2	Benzo(b)fluoranthene	1900	U
207-08-9	Benzo(k)fluoranthene	1900	U
50-32-8	Benzo(a)pyrene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
53-70-3	Dibenz(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

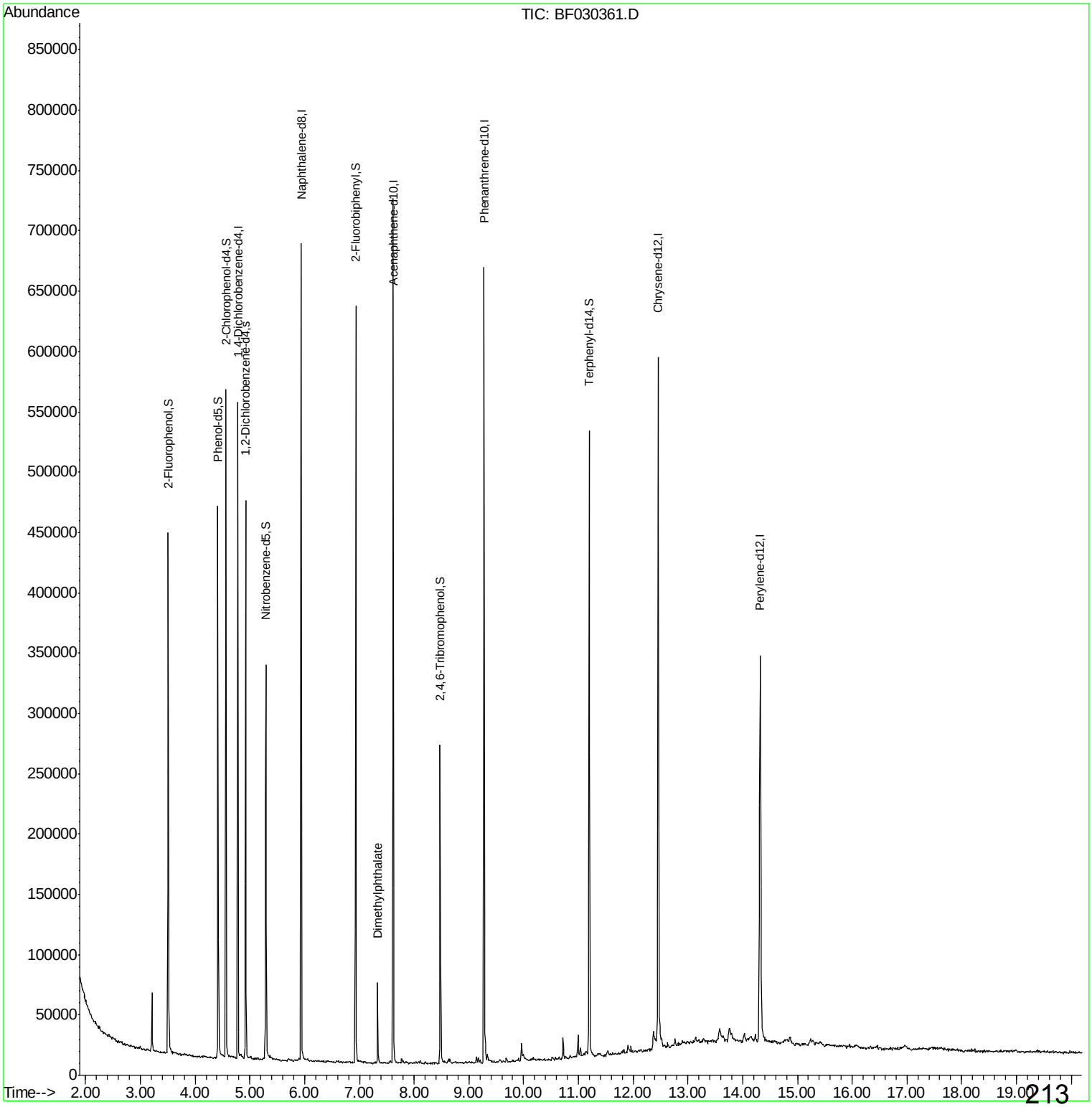
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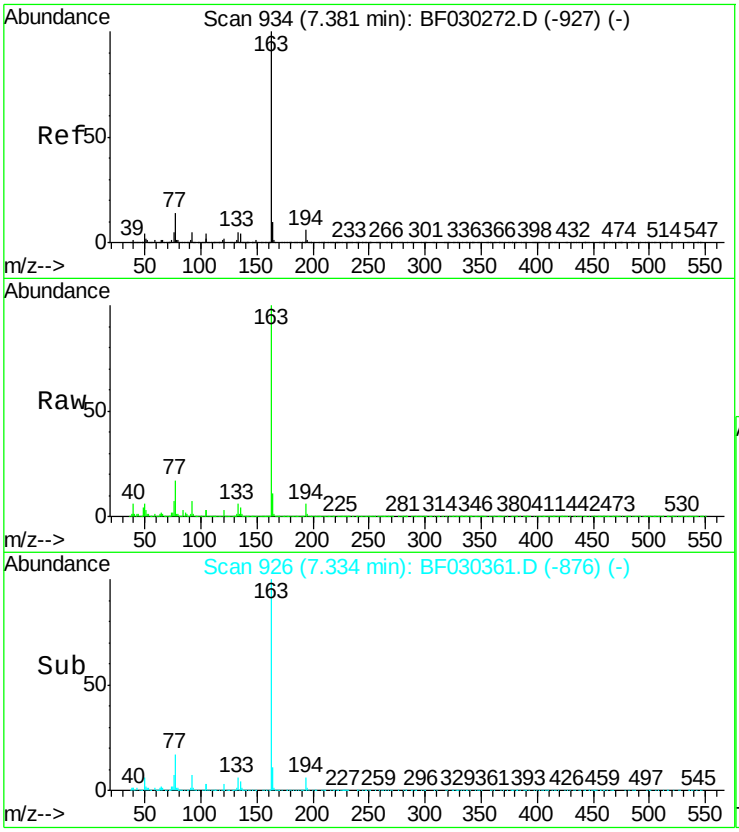
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	420	AB

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 07 01:45:47 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

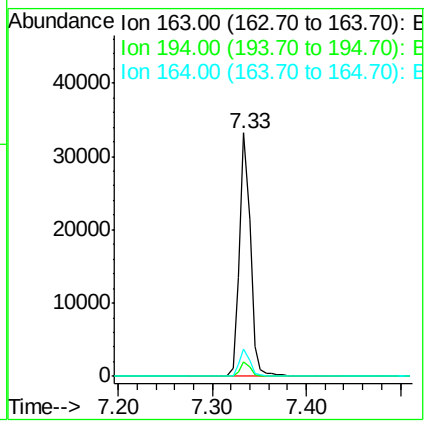




#51
Dimethylphthalate
Concen: 2.76 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030361.D
Acq: 7 Aug 2009 00:52

Tgt Ion:163 Resp: 26871

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.5	6.7
164	11.3	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 07 01:45:47 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	83780	20.00	ng	0.00
23) Naphthalene-d8	5.94	136	309898	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	156993	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	261067	20.00	ng	0.00
77) Chrysene-d12	12.46	240	233158	20.00	ng	0.00
88) Perylene-d12	14.32	264	184754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.50	112	143767	30.64	ng	0.00
7) Phenol-d5	4.42	99	187758	32.18	ng	-0.01
12) 2-Chlorophenol-d4	4.56	132	144484	32.83	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	68959	24.00	ng	0.00
25) Nitrobenzene-d5	5.29	82	90774	20.79	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	33664	34.43	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	203415	25.87	ng	0.00
80) Terphenyl-d14	11.20	244	178929	25.26	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	26871	2.76	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	231	rVB	48497	46438	7.47%	0.689%
2	3.504	272	275	283	rBV	430400	398036	64.05%	5.909%
3	4.416	427	430	441	rBV	457067	403021	64.86%	5.983%
4	4.563	451	455	464	rBV	553008	436814	70.29%	6.484%
5	4.781	488	492	495	rBV	544739	428953	69.03%	6.368%
6	4.922	513	516	523	rVB	462115	351349	56.54%	5.216%
7	5.293	576	579	590	rVB	325865	254069	40.89%	3.772%
8	5.940	685	689	692	rBV	676897	562091	90.45%	8.344%
9	6.934	854	858	861	rBV	627223	521847	83.98%	7.747%
10	7.334	923	926	934	rVB	66355	52603	8.47%	0.781%
11	7.616	971	974	978	rBV	715972	621410	100.00%	9.225%
12	8.475	1117	1120	1131	rBV	263345	257285	41.40%	3.819%
13	9.275	1252	1256	1260	rBV	659142	606765	97.64%	9.007%
14	9.963	1368	1373	1376	rBV4	15056	18923	3.05%	0.281%
15	10.722	1499	1502	1507	rBV	17151	18781	3.02%	0.279%
16	10.992	1544	1548	1552	rBV	18340	21195	3.41%	0.315%
17	11.198	1578	1583	1591	rBV	517411	506043	81.43%	7.512%
18	11.539	1636	1641	1646	rVB7	4107	7400	1.19%	0.110%
19	11.904	1700	1703	1707	rBV5	6678	9246	1.49%	0.137%
20	12.374	1777	1783	1787	rBV7	16338	34066	5.48%	0.506%
21	12.457	1792	1797	1805	rVV	567500	614740	98.93%	9.126%
22	13.580	1985	1988	1996	rBV8	7773	15729	2.53%	0.233%
23	13.757	2012	2018	2022	rBV6	11603	28478	4.58%	0.423%
24	14.233	2096	2099	2106	rVB5	6270	9499	1.53%	0.141%
25	14.321	2107	2114	2126	rVV	319410	511512	82.31%	7.593%

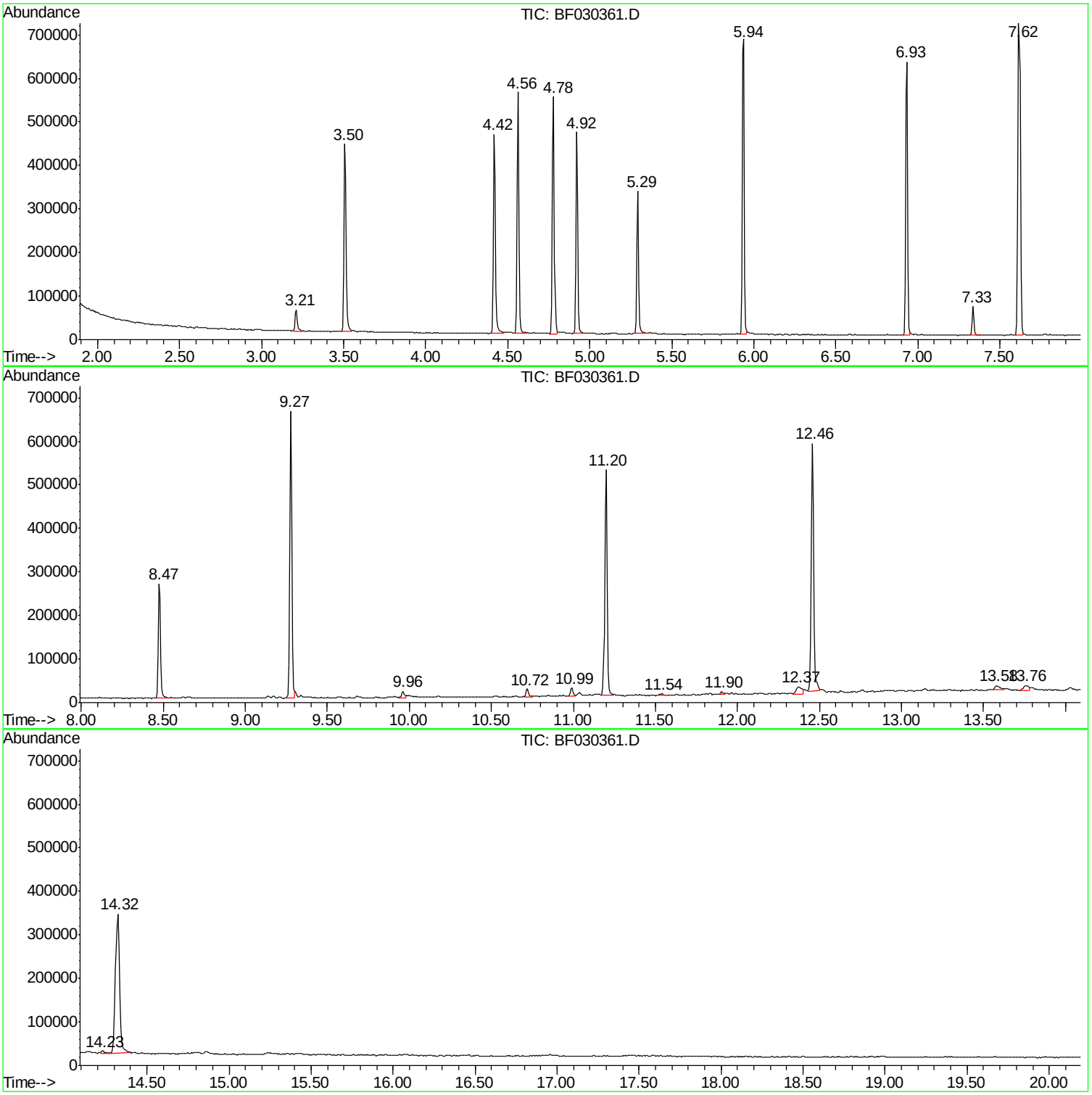
Sum of corrected areas: 6736293

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

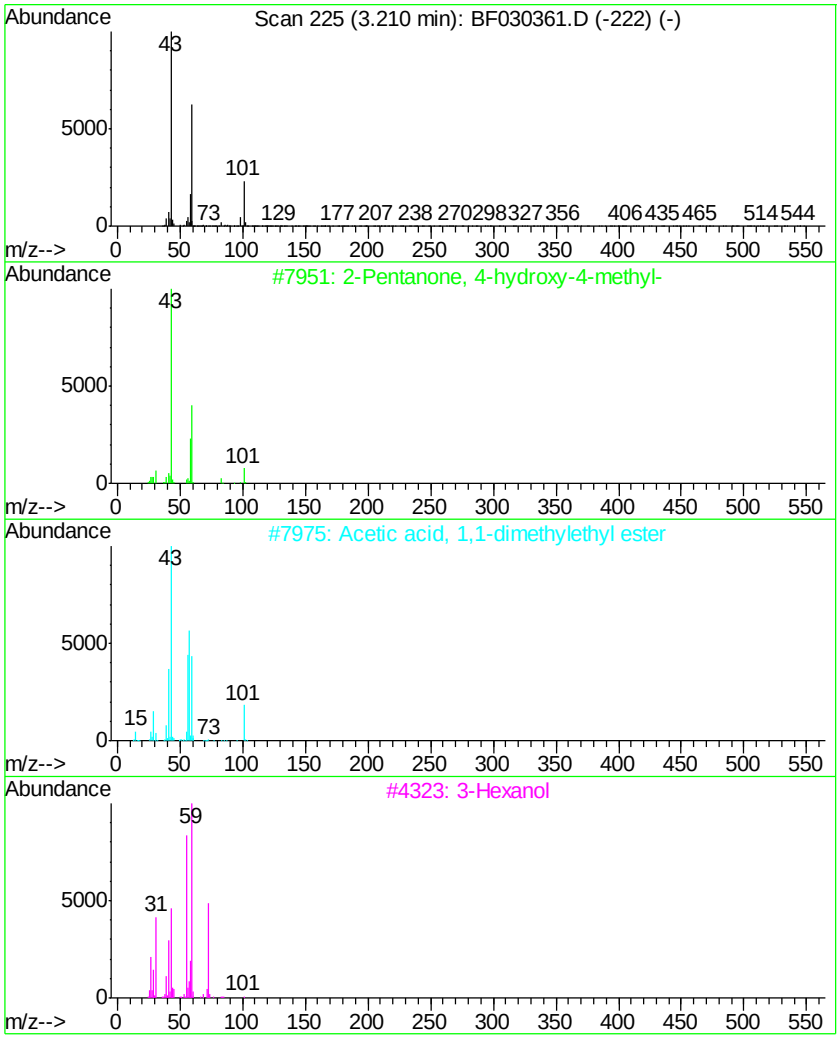
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

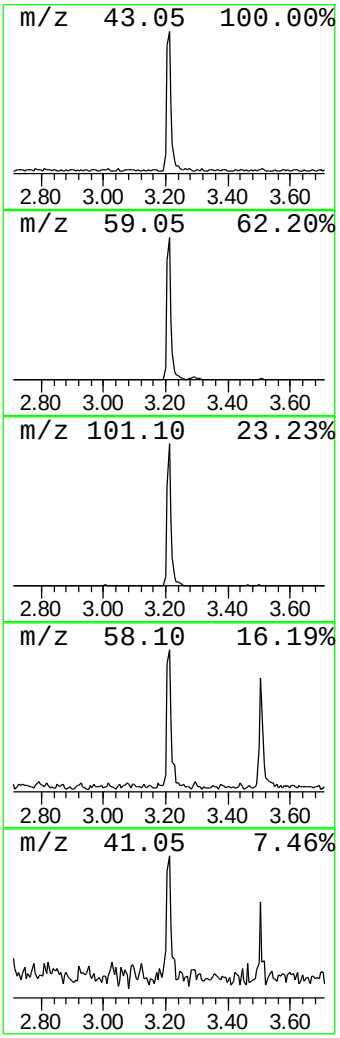
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	2.17 ng	46438	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030361.D
Acq On : 7 Aug 2009 00:52
Operator : QM
Sample : A3816-13 5X
Misc : FIRST RUN
ALS Vial : 24 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	2.2	ng	46438	1	4.78	428953	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
50-32-8	Benzo(a)pyrene	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
53-70-3	Dibenz(a,h)anthracene	11	U
191-24-2	Benzo(g,h,i)perylene	11	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

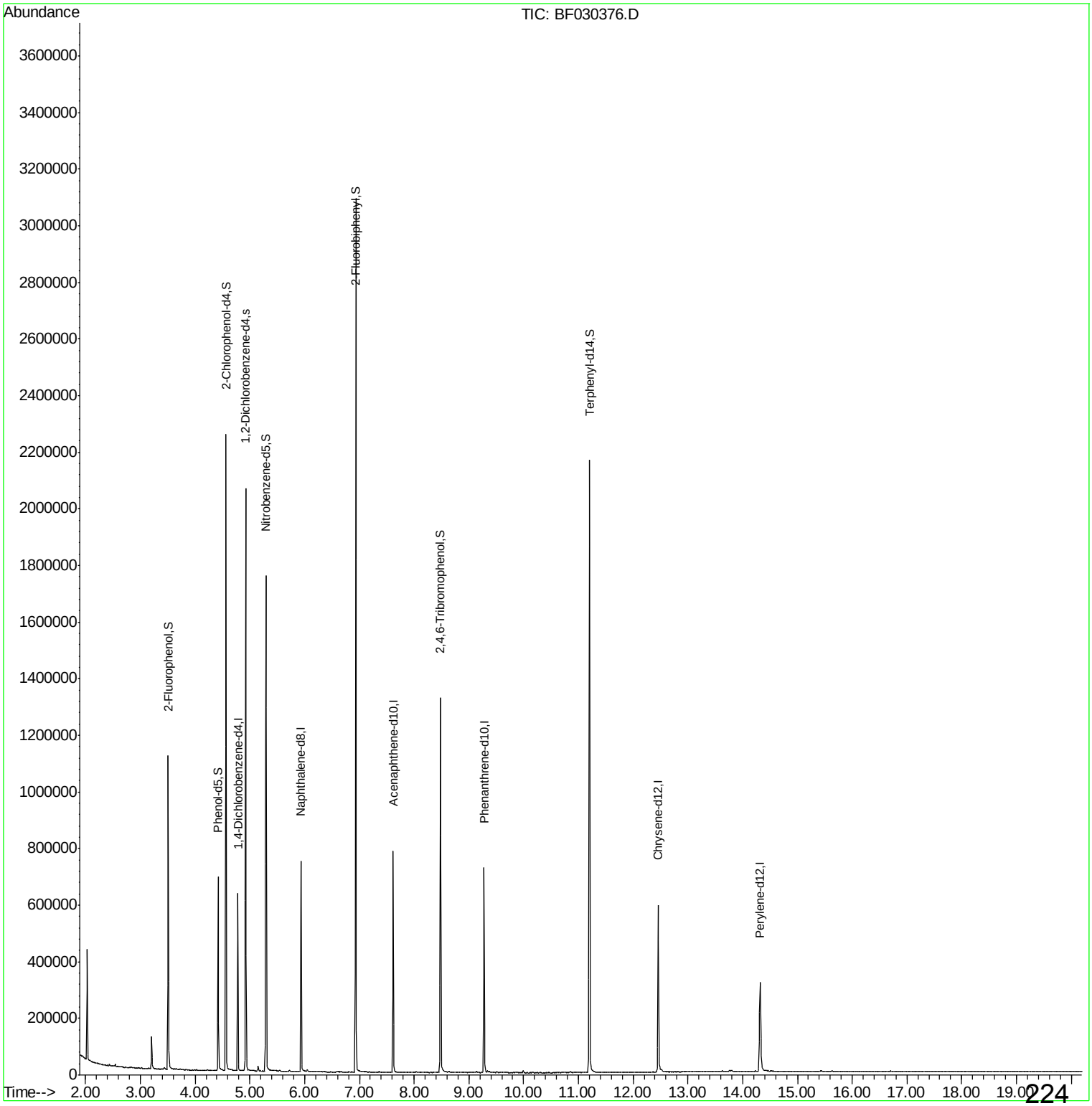
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CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
80-62-6	2-Propenoic acid, 2-methyl-, methy	2.03	13	J
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	4.9	AB

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 07 14:37:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	95491	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	343586	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	175535	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	289064	20.00	ng	0.00
77) Chrysene-d12	12.46	240	245759	20.00	ng	0.00
88) Perylene-d12	14.32	264	187688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	369290	69.04	ng	0.00
7) Phenol-d5	4.42	99	290345	43.66	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	594162	118.46	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	349943	106.84	ng	0.00
25) Nitrobenzene-d5	5.29	82	494604	102.17	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	164877	150.82	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	976713	111.10	ng	0.00
80) Terphenyl-d14	11.20	244	844513	113.10	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.028	21	24	31	rVB	394183	288067	11.20%	1.682%
2	3.204	221	224	235	rVB	115866	110268	4.29%	0.644%
3	3.504	272	275	287	rBV	1108347	1043249	40.57%	6.093%
4	4.422	427	431	440	rBV	684274	630790	24.53%	3.684%
5	4.563	451	455	458	rBV	2248133	1821581	70.83%	10.639%
6	4.781	488	492	495	rBV	626831	483767	18.81%	2.825%
7	4.922	513	516	520	rBV	2058702	1837426	71.45%	10.731%
8	5.292	576	579	582	rBV	1747270	1402961	54.55%	8.194%
9	5.934	685	688	692	rBV	743899	625773	24.33%	3.655%
10	6.934	854	858	861	rBV	3086411	2571661	100.00%	15.019%
11	7.616	971	974	978	rBV	781843	688554	26.77%	4.021%
12	8.480	1116	1121	1137	rBV	1323973	1322392	51.42%	7.723%
13	9.275	1252	1256	1264	rBV	724688	674619	26.23%	3.940%
14	11.204	1578	1584	1602	rBV	2163845	2461313	95.71%	14.375%
15	12.457	1792	1797	1806	rBV	589437	635146	24.70%	3.709%
16	14.321	2107	2114	2132	rBV	312514	524941	20.41%	3.066%

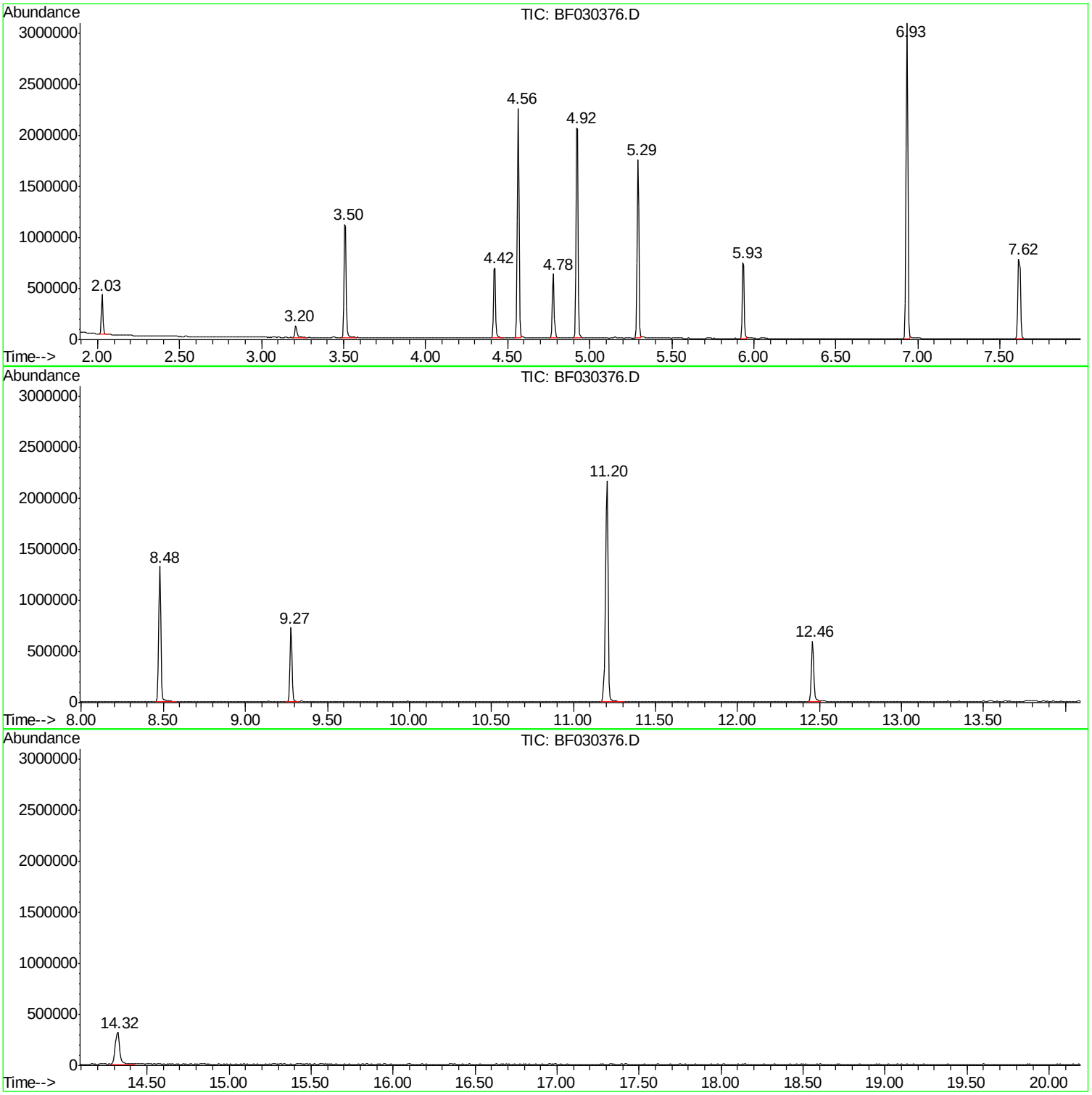
Sum of corrected areas: 17122508

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

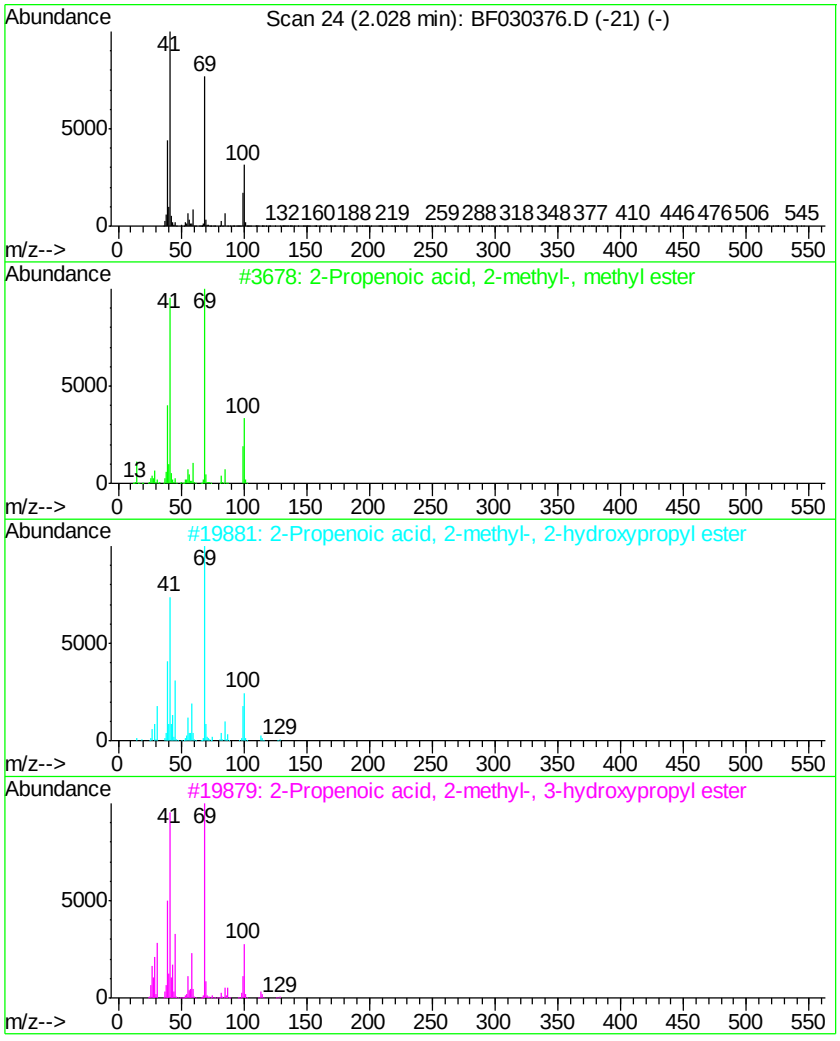
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

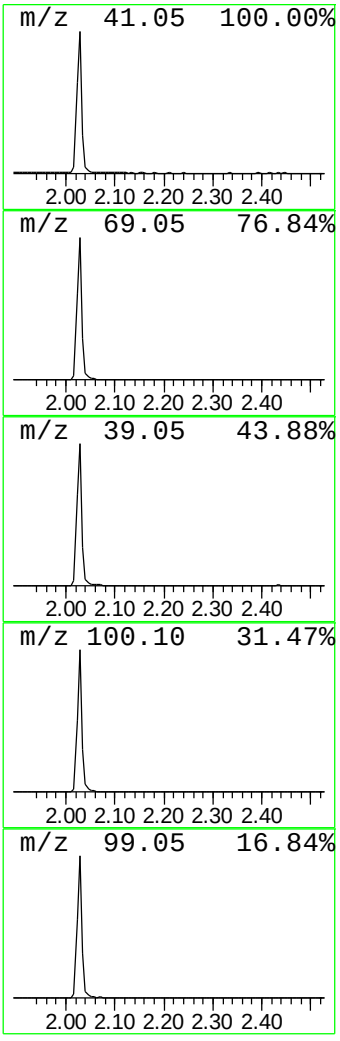
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propenoic acid, 2-methyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	11.91 ng	288067	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	95
2	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	72
3	2-Propenoic acid, 2-methyl-, 3-h...	144	C7H12O3	002761-09-3	64
4	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	52
5	Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

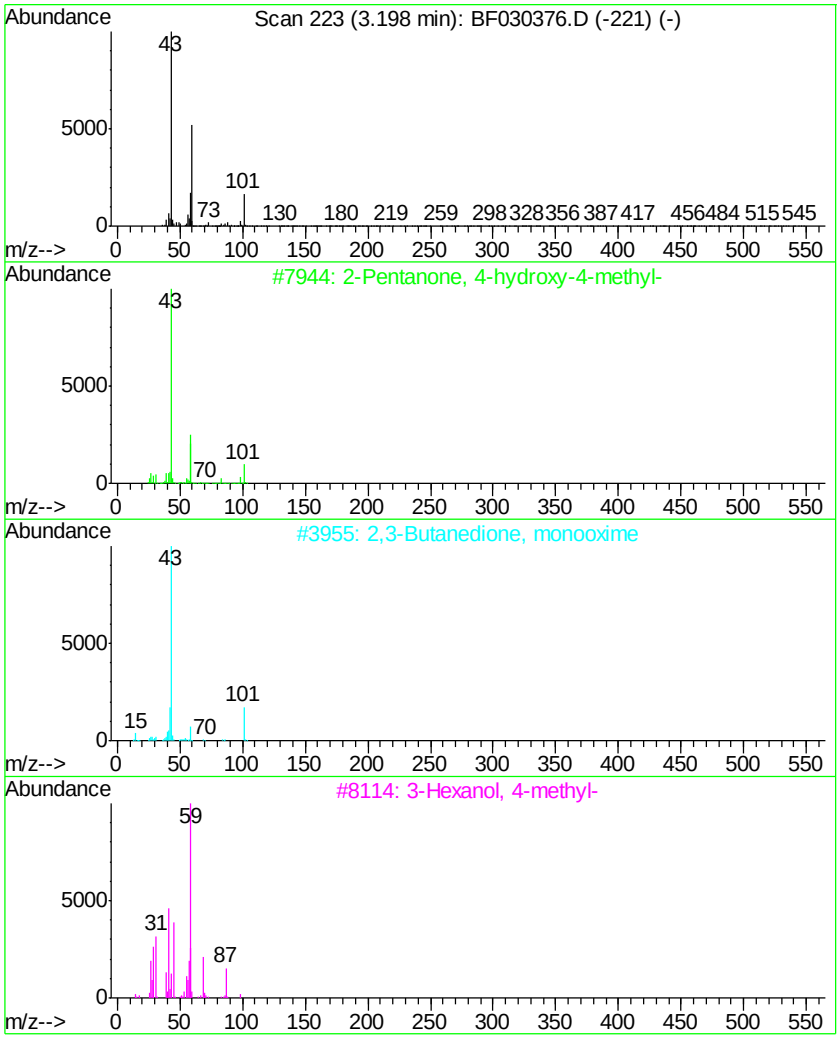
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TIC Integration Parameters: LSCINT.P

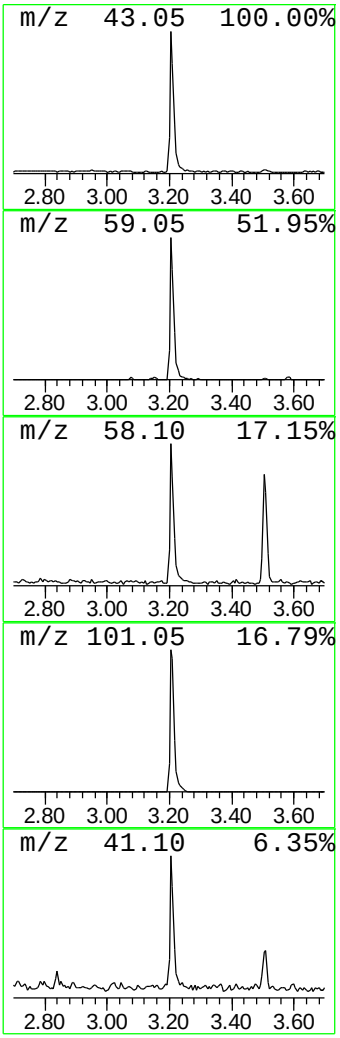
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	4.56 ng	110268	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Guanidine	59	CH5N3	000113-00-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030376.D
Acq On : 7 Aug 2009 12:48
Operator : HNP
Sample : A3816-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propenoic acid,...	2.03	11.9	ng	288067	1	4.78	483767	20.0
2-Pentanone, 4-hy...	3.20	4.6	ng	110268	1	4.78	483767	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030360.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	500	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

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Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	56	J
129-00-0	Pyrene	50	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

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Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	40	J
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

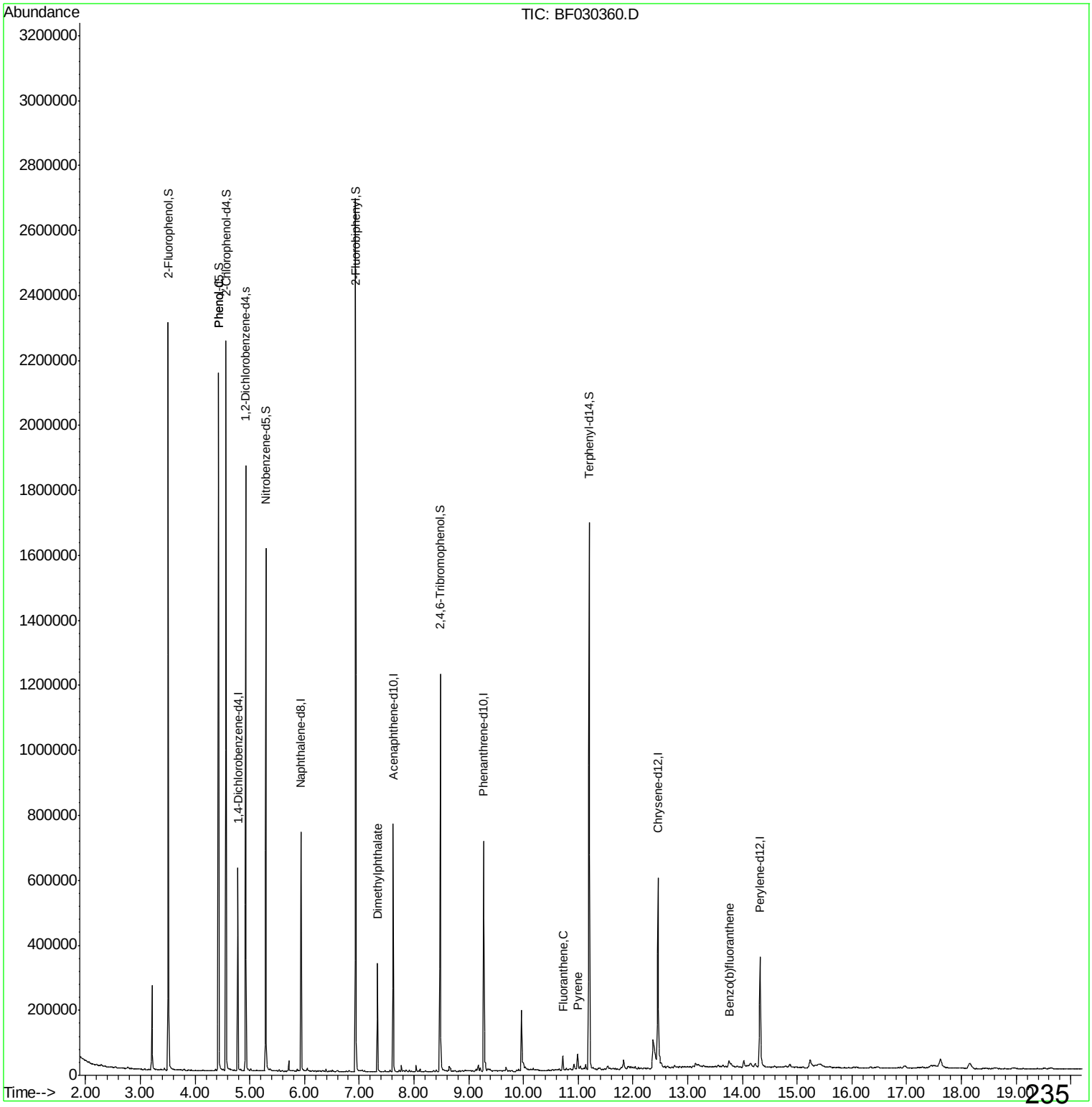
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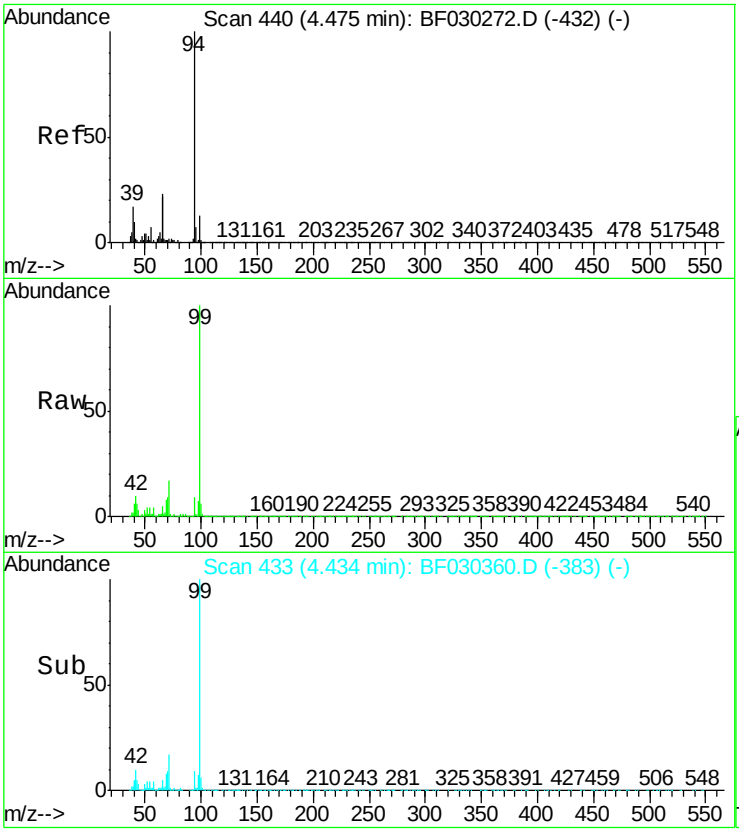
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	410	AB
57-10-3	n-Hexadecanoic acid	9.96	230	J
74685-30-6	5-Eicosene, (E)-	12.37	320	J
593-45-3	Octadecane	15.23	85	J
1000194-64-2	4,4,6a,6b,8a,11,12,14b-Octamethyl-	17.62	120	J
69296-90-8	Cyclohexanone, 2,3,3-trimethyl-2-(	18.15	86	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 07 01:42:55 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

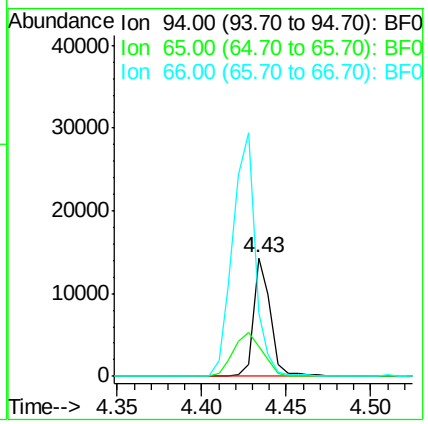


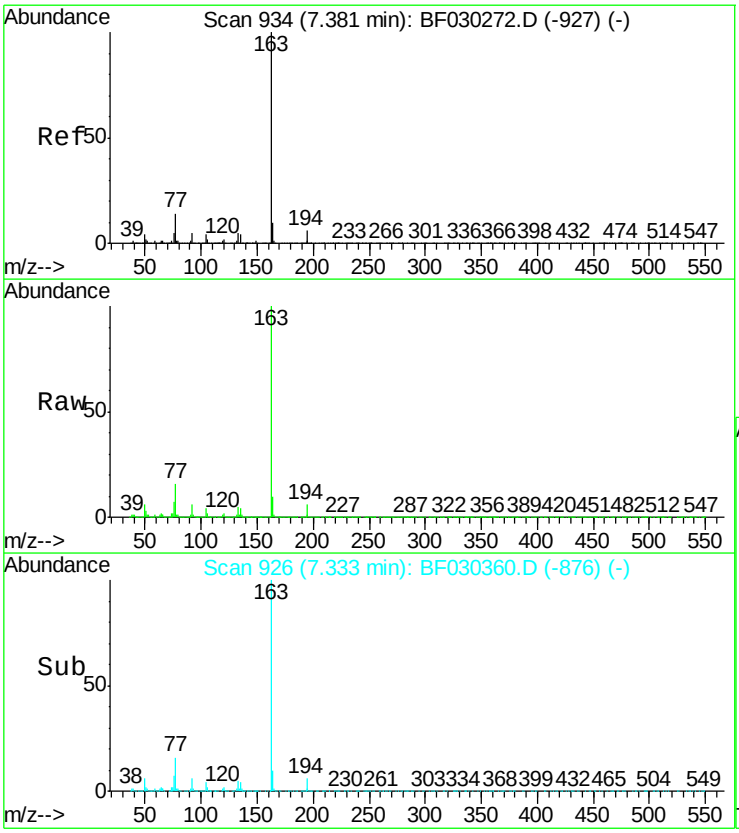


#10
Phenol
Concen: 1.36 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030360.D
Acq: 7 Aug 2009 00:25

Tgt Ion: 94 Resp: 9984

Ion	Ratio	Lower	Upper
94	100		
65	24.9	7.3	47.3
66	53.1	15.5	55.5

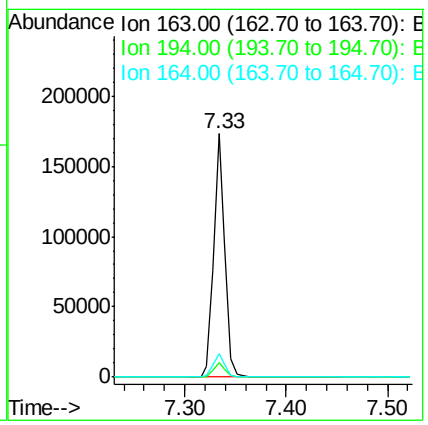


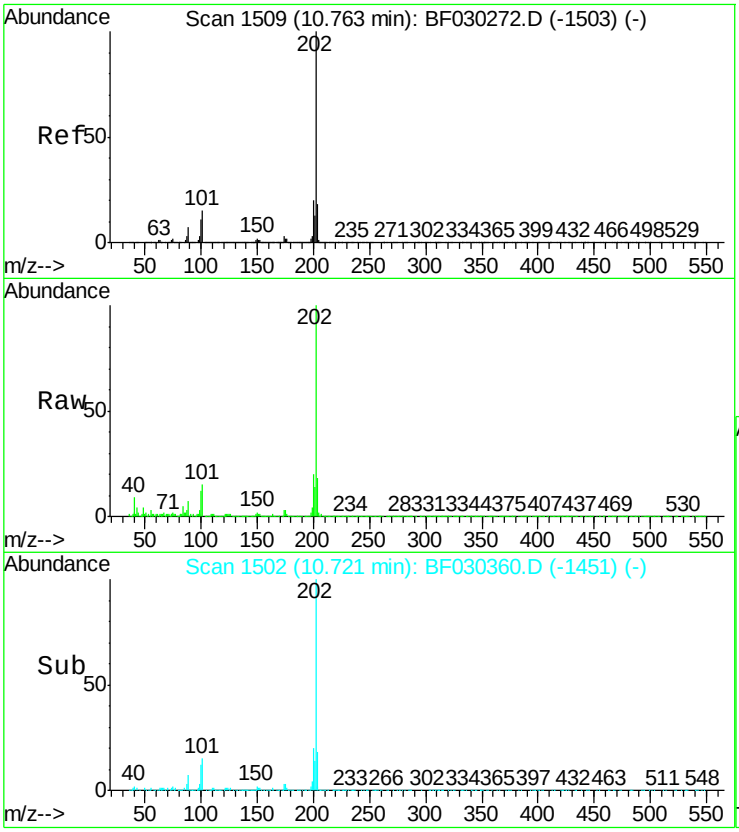


#51
Dimethylphthalate
Concen: 12.70 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030360.D
Acq: 7 Aug 2009 00:25

Tgt Ion:163 Resp: 131835

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.5	6.7
164	9.8	8.5	12.7

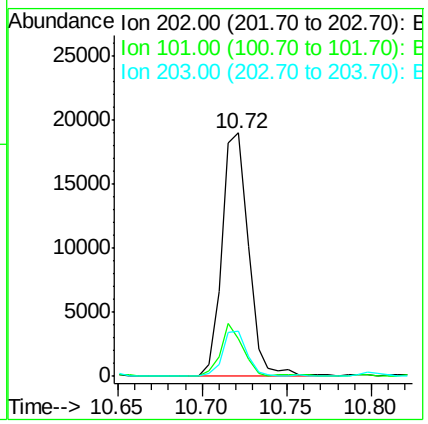


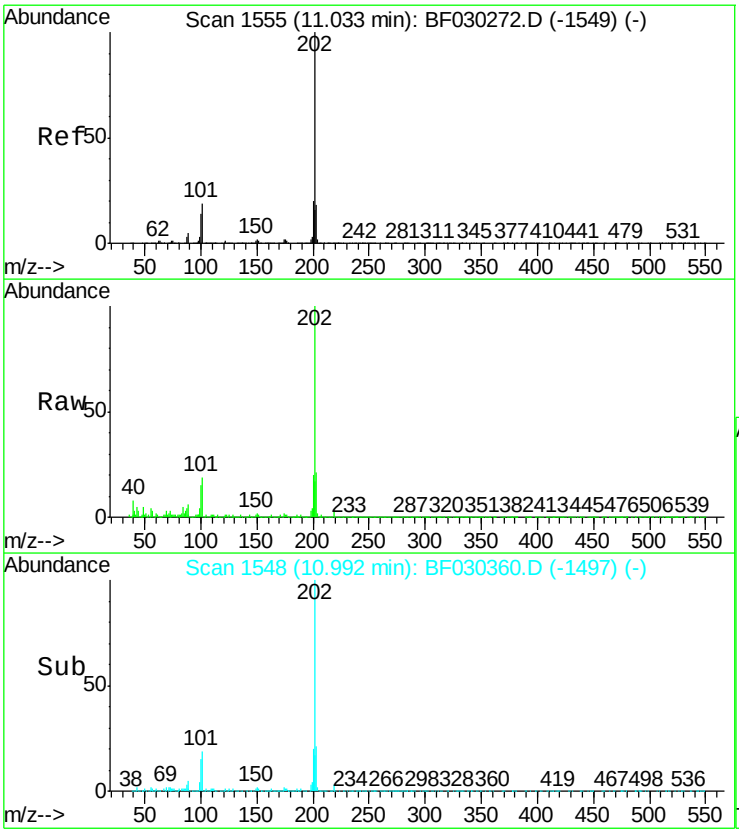


#76
Fluoranthene
Concen: 1.41 ng
RT: 10.72 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF030360.D
Acq: 7 Aug 2009 00:25

Tgt Ion:202 Resp: 20876

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	36.0
203	18.5	0.0	37.2

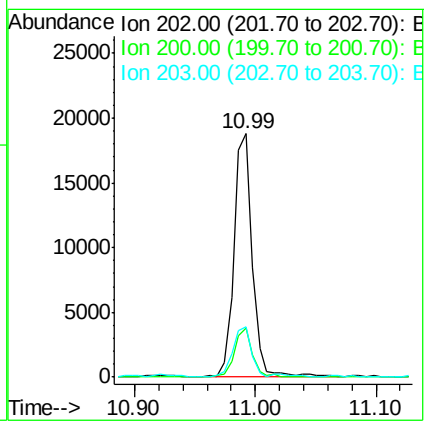


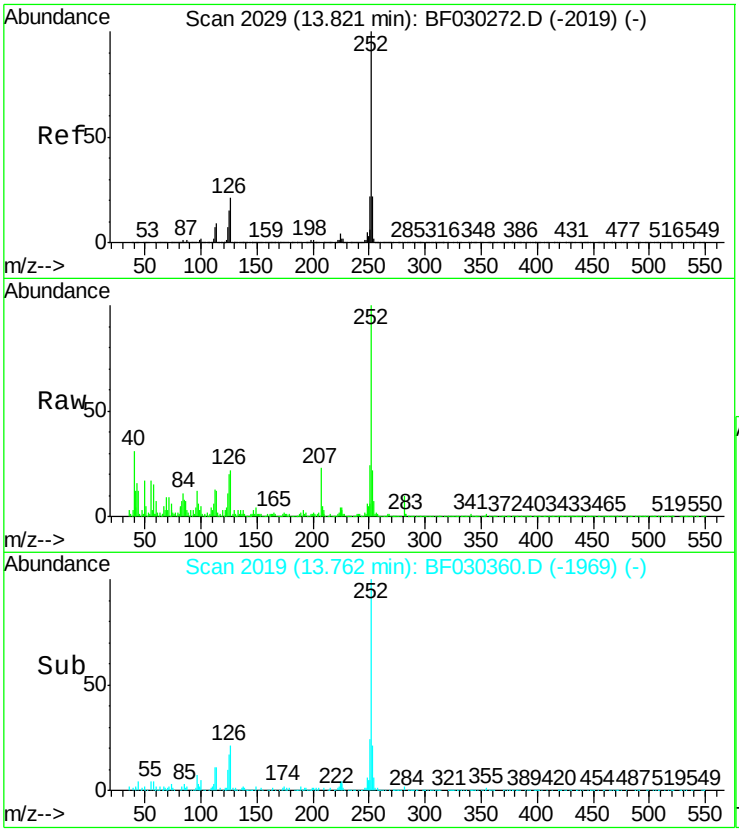


#79
Pyrene
Concen: 1.26 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF030360.D
Acq: 7 Aug 2009 00:25

Tgt Ion:202 Resp: 19896

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.6
203	20.8	14.2	21.4

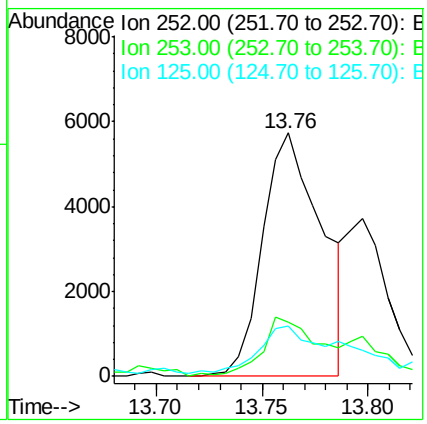




#89
Benzo(b)fluoranthene
Concen: 1.00 ng
RT: 13.76 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF030360.D
Acq: 7 Aug 2009 00:25

Tgt Ion:252 Resp: 11136

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	20.4	11.9	17.9#



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 07 01:42:55 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	92696	20.00	ng		0.00
23) Naphthalene-d8	5.93	136	333257	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	167566	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	279379	20.00	ng		0.00
77) Chrysene-d12	12.46	240	232462	20.00	ng		0.00
88) Perylene-d12	14.32	264	193096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	667974	128.65	ng		0.00
7) Phenol-d5	4.43	99	836601	129.61	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	640653	131.58	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	308116	96.91	ng		0.00
25) Nitrobenzene-d5	5.29	82	439141	93.53	ng		0.00
43) 2,4,6-Tribromophenol	8.48	330	148921	142.70	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	828705	98.75	ng		0.00
80) Terphenyl-d14	11.20	244	668646	94.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	4.43	94	9984	1.36	ng		81
51) Dimethylphthalate	7.33	163	131835	12.70	ng		98
76) Fluoranthene	10.72	202	20876	1.41	ng		98
79) Pyrene	10.99	202	19896	1.26	ng		96
89) Benzo(b)fluoranthene	13.76	252	11136	1.00	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	230	rBV	257920	240736	11.14%	1.280%
2	3.510	272	276	279	rBV	2302284	1884889	87.20%	10.023%
3	4.428	427	432	435	rBV	2149751	1887314	87.31%	10.036%
4	4.563	452	455	459	rBV	2242744	1966167	90.96%	10.455%
5	4.781	488	492	495	rBV	624145	467046	21.61%	2.483%
6	4.922	513	516	520	rBV	1859733	1607800	74.38%	8.549%
7	5.292	576	579	582	rBV	1606194	1235532	57.16%	6.570%
8	5.710	643	650	659	rBV	32509	31016	1.43%	0.165%
9	5.933	685	688	692	rBV	734463	602571	27.88%	3.204%
10	6.933	854	858	861	rBV	2687407	2161626	100.00%	11.494%
11	7.333	923	926	929	rBV	333762	253866	11.74%	1.350%
12	7.616	971	974	978	rBV	760908	662703	30.66%	3.524%
13	8.480	1116	1121	1136	rBV	1223938	1180425	54.61%	6.277%
14	9.274	1252	1256	1260	rBV	708416	652380	30.18%	3.469%
15	9.963	1369	1373	1377	rBV	187012	191186	8.84%	1.017%
16	10.721	1497	1502	1506	rBV	43056	47798	2.21%	0.254%
17	10.992	1543	1548	1552	rVB	44676	50107	2.32%	0.266%
18	11.204	1578	1584	1587	rBV	1683810	1898751	87.84%	10.096%
19	11.827	1685	1690	1697	rVB	27185	42541	1.97%	0.226%
20	12.368	1777	1782	1792	rBV3	87062	264002	12.21%	1.404%
21	12.457	1792	1797	1805	rVB	575001	661219	30.59%	3.516%
22	13.751	2013	2017	2022	rBV3	16257	33986	1.57%	0.181%
23	14.021	2058	2063	2068	rBV3	20776	36865	1.71%	0.196%
24	14.321	2107	2114	2126	rBV	339582	544688	25.20%	2.896%
25	15.233	2263	2269	2275	rBV2	23968	58330	2.70%	0.310%
26	17.615	2668	2674	2690	rVB5	26486	83786	3.88%	0.446%
27	18.150	2756	2765	2778	rVB5	16592	58781	2.72%	0.313%

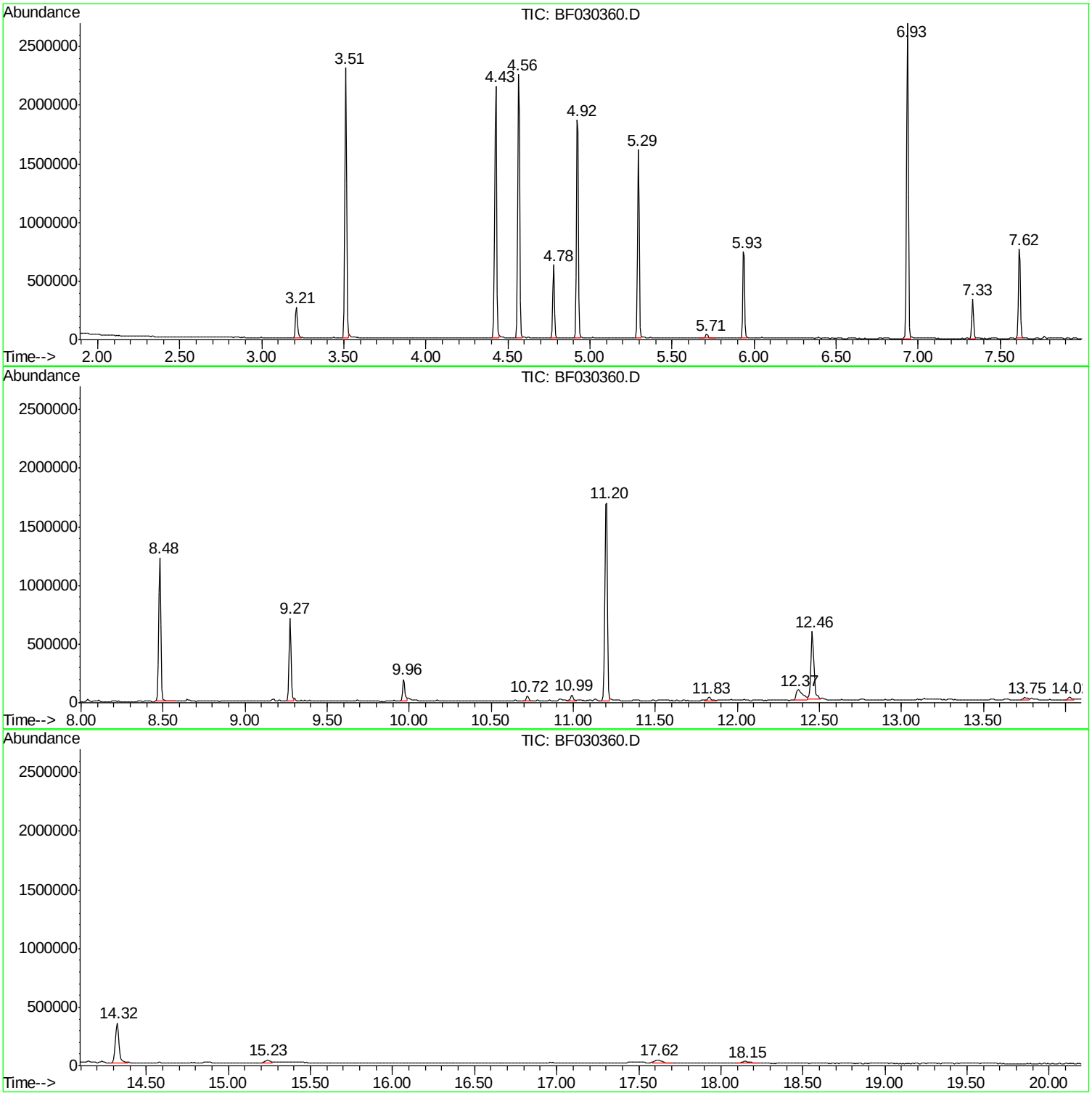
Sum of corrected areas: 18806111

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

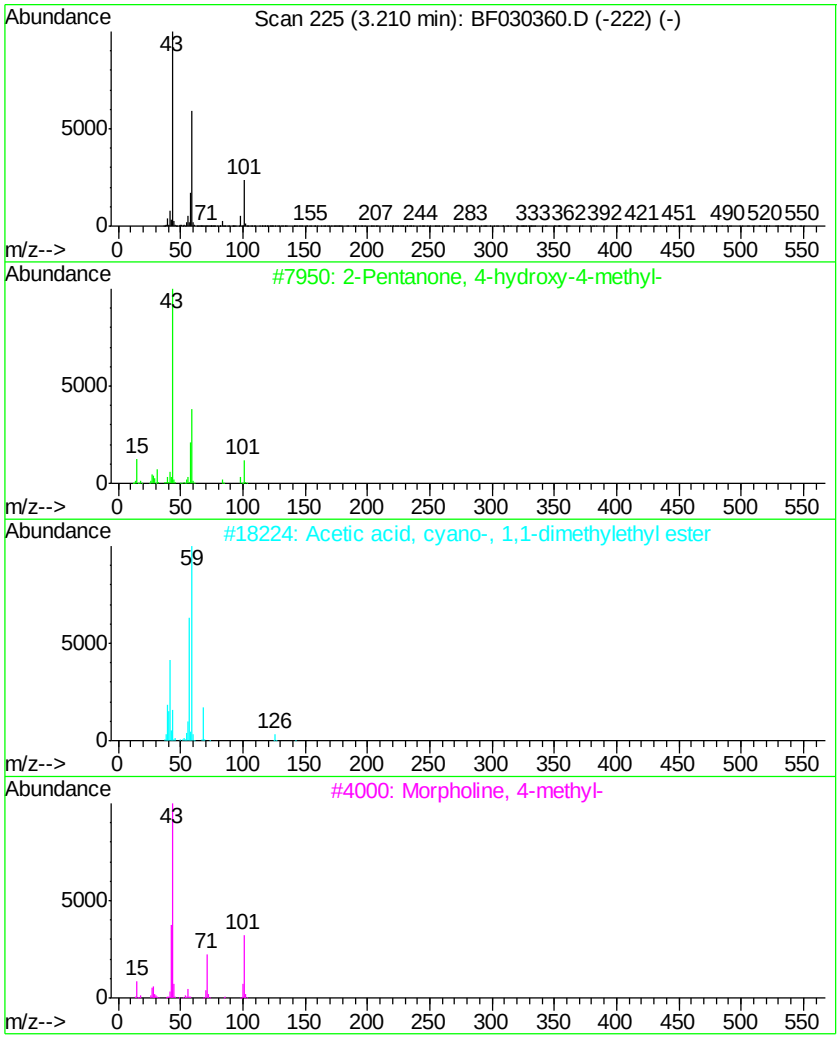
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

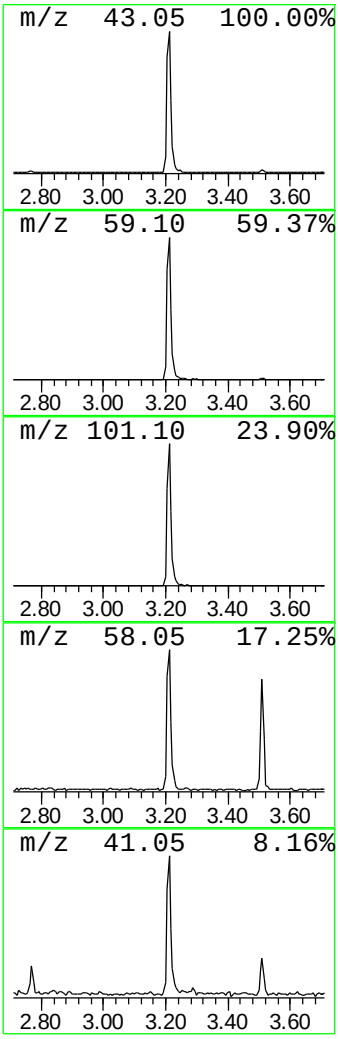
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.31 ng	240736	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

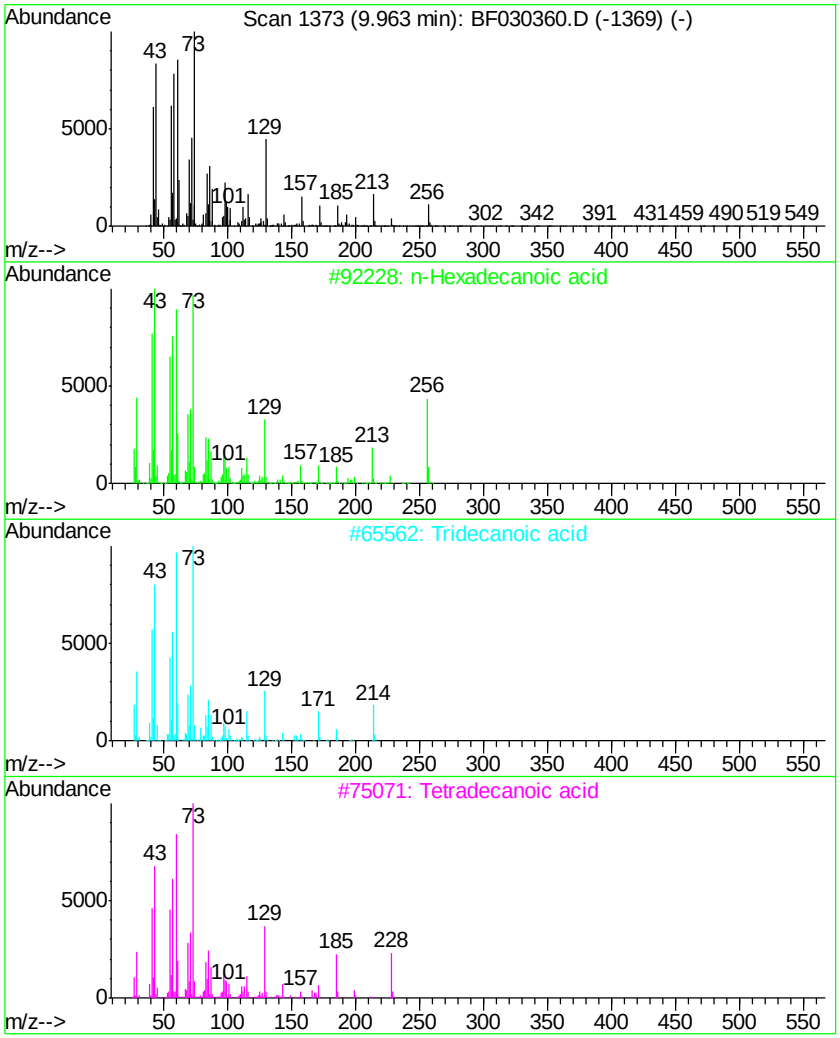
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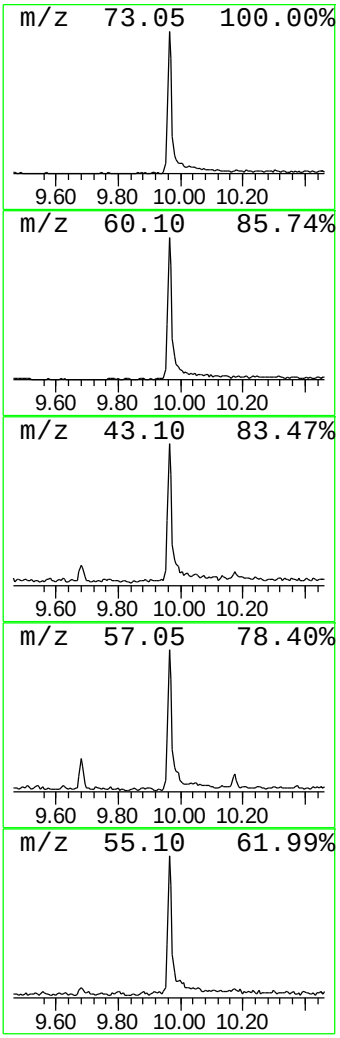
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.86 ng	191186	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

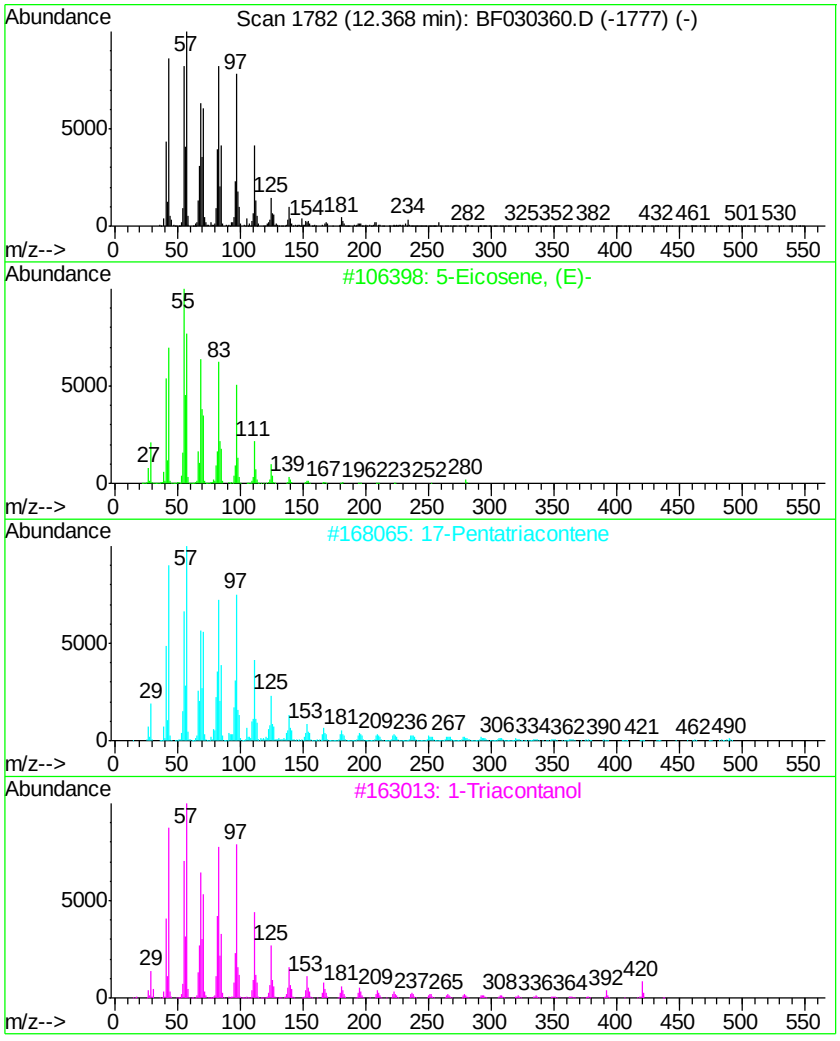
TIC Library : C:\DATABASE\NIST02.L
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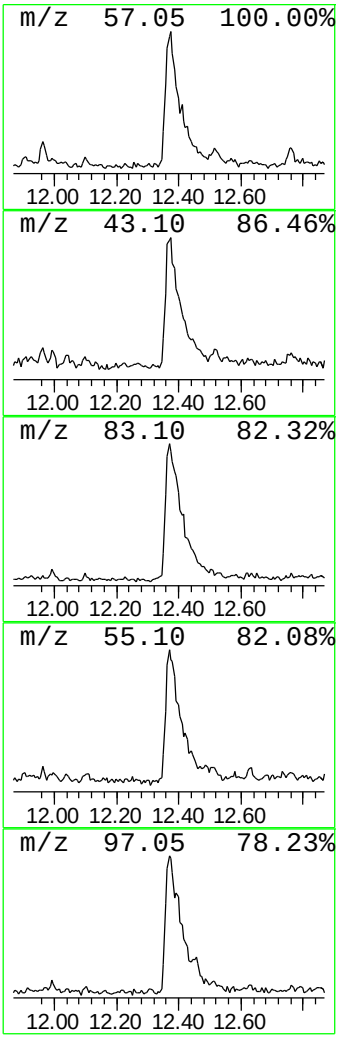
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.99 ng	264002	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Triacontanol	438	C30H62O	000593-50-0	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

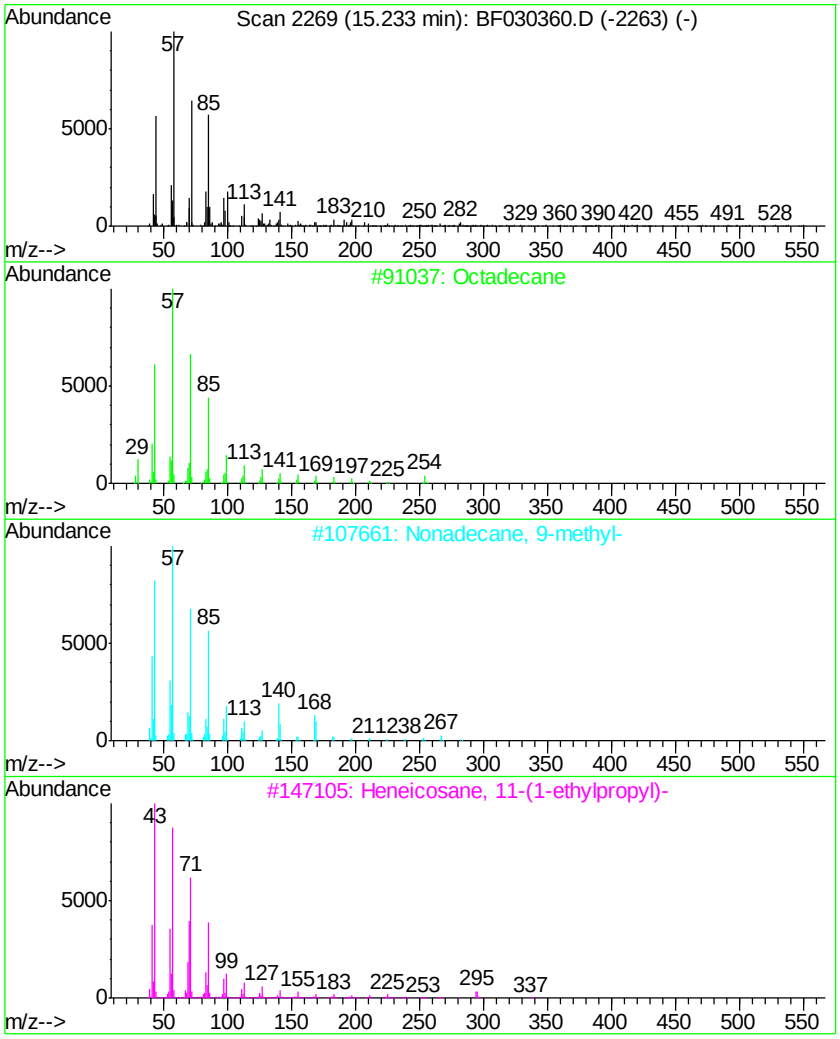
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

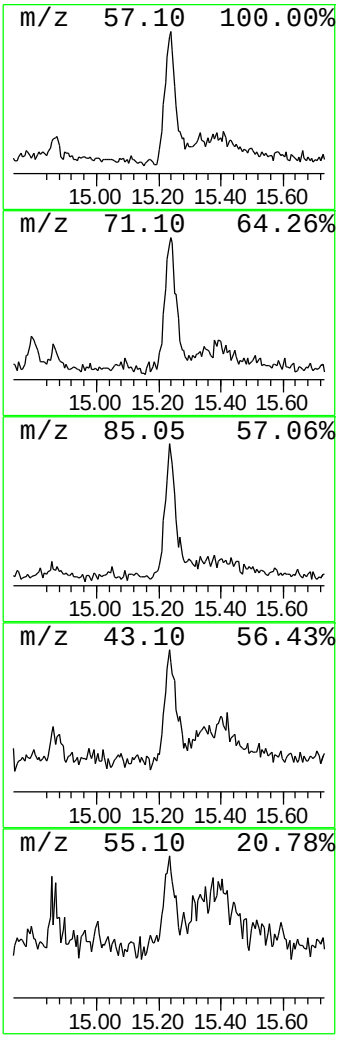
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Peak Number 4 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.14 ng	58330	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

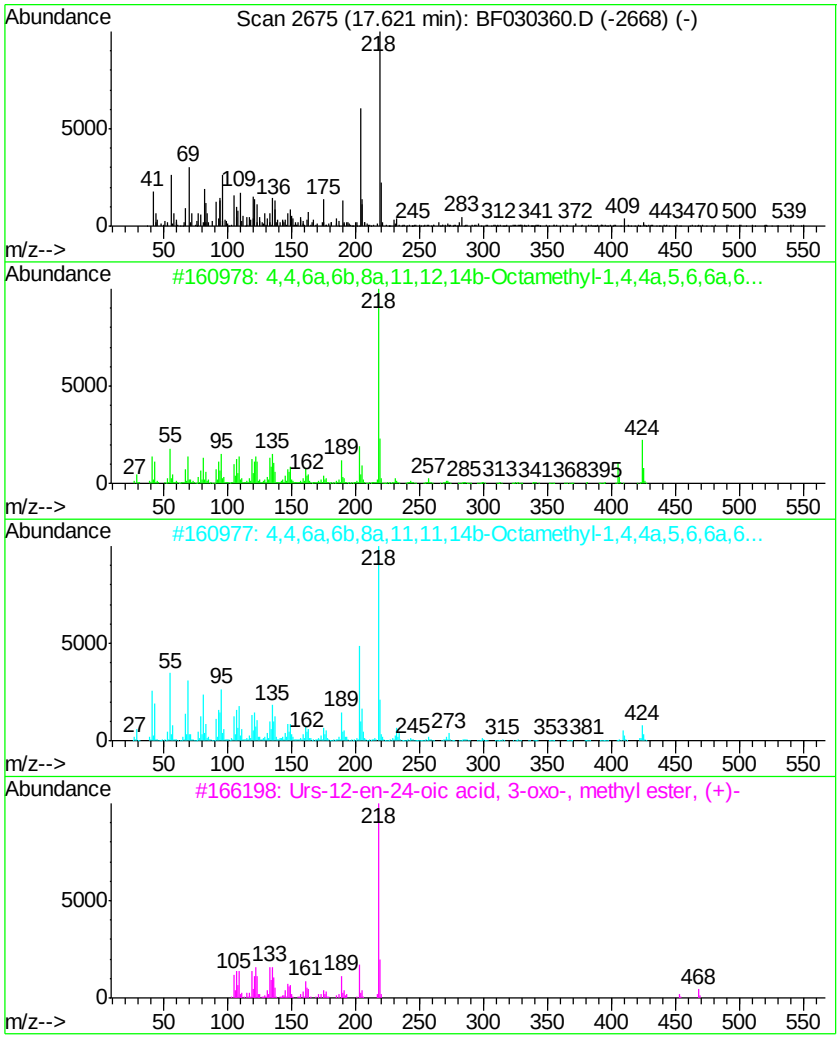
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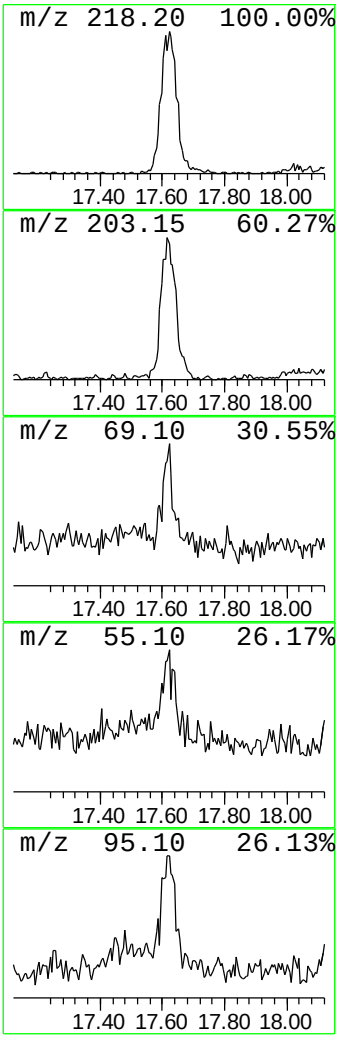
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Peak Number 5 4,4,6a,6b,8a,11,12,14b-Octa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.08 ng	83786	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	94
2	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	86
3	Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	58
4	Olean-12-ene, 3-methoxy-, (3.bet...	440	C31H52O	014021-26-2	50
5	2-Chloro-5,6-dimethyl-1-(2-propy...	218	C12H11ClN2	080276-20-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

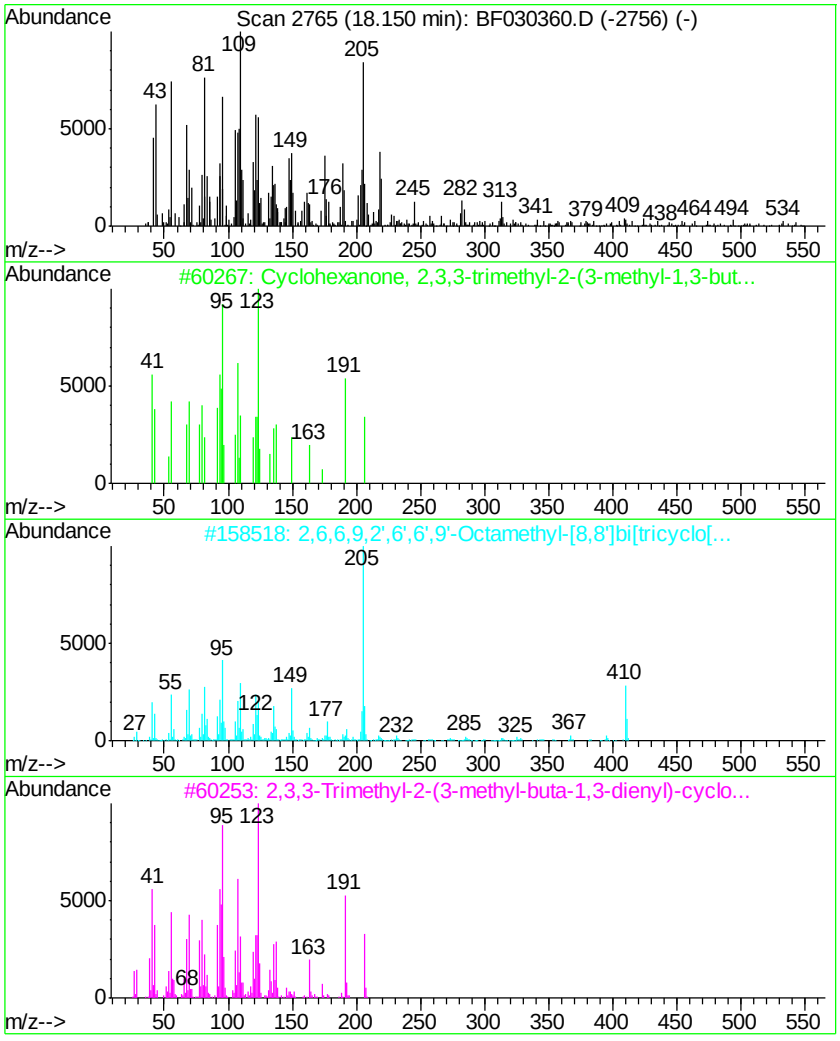
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TIC Integration Parameters: LSCINT.P

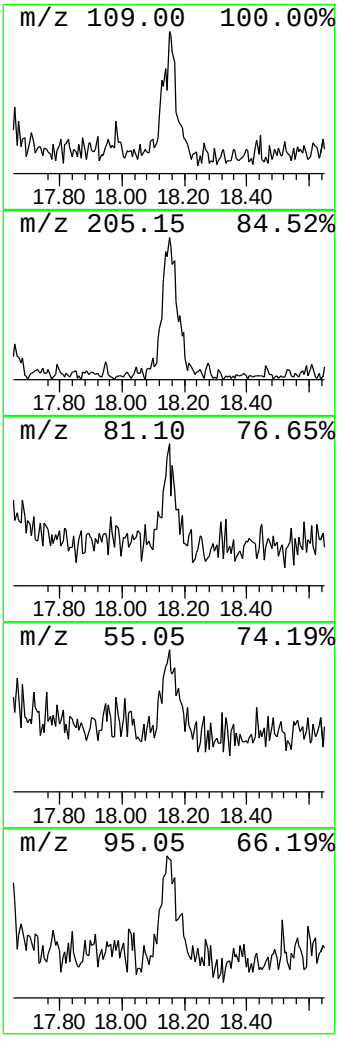
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Peak Number 6 Cyclohexanone, 2,3,3-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.16 ng	58781	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	51
2	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	50
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	47
4	Diethyl allylphosphonate	178	C7H15O3P	001067-87-4	30
5	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030360.D
Acq On : 7 Aug 2009 00:25
Operator : QM
Sample : A3816-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.3	ng	240736	1	4.78	467046	20.0
n-Hexadecanoic acid	9.96	5.9	ng	191186	4	9.27	652380	20.0
5-Eicosene, (E)-	12.37	8.0	ng	264002	5	12.46	661219	20.0
Octadecane	15.23	2.1	ng	58330	6	14.32	544688	20.0
4,4,6a,6b,8a,11,1...	17.62	3.1	ng	83786	6	14.32	544688	20.0
Cyclohexanone, 2,...	18.15	2.2	ng	58781	6	14.32	544688	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
65794-96-9	3+4-Methylphenols	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	460	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	1900	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	330	J
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	330	J
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	550	J
218-01-9	Chrysene	520	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1900	U
205-99-2	Benzo(b)fluoranthene	610	J
207-08-9	Benzo(k)fluoranthene	290	J
50-32-8	Benzo(a)pyrene	440	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenz(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	310	J

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

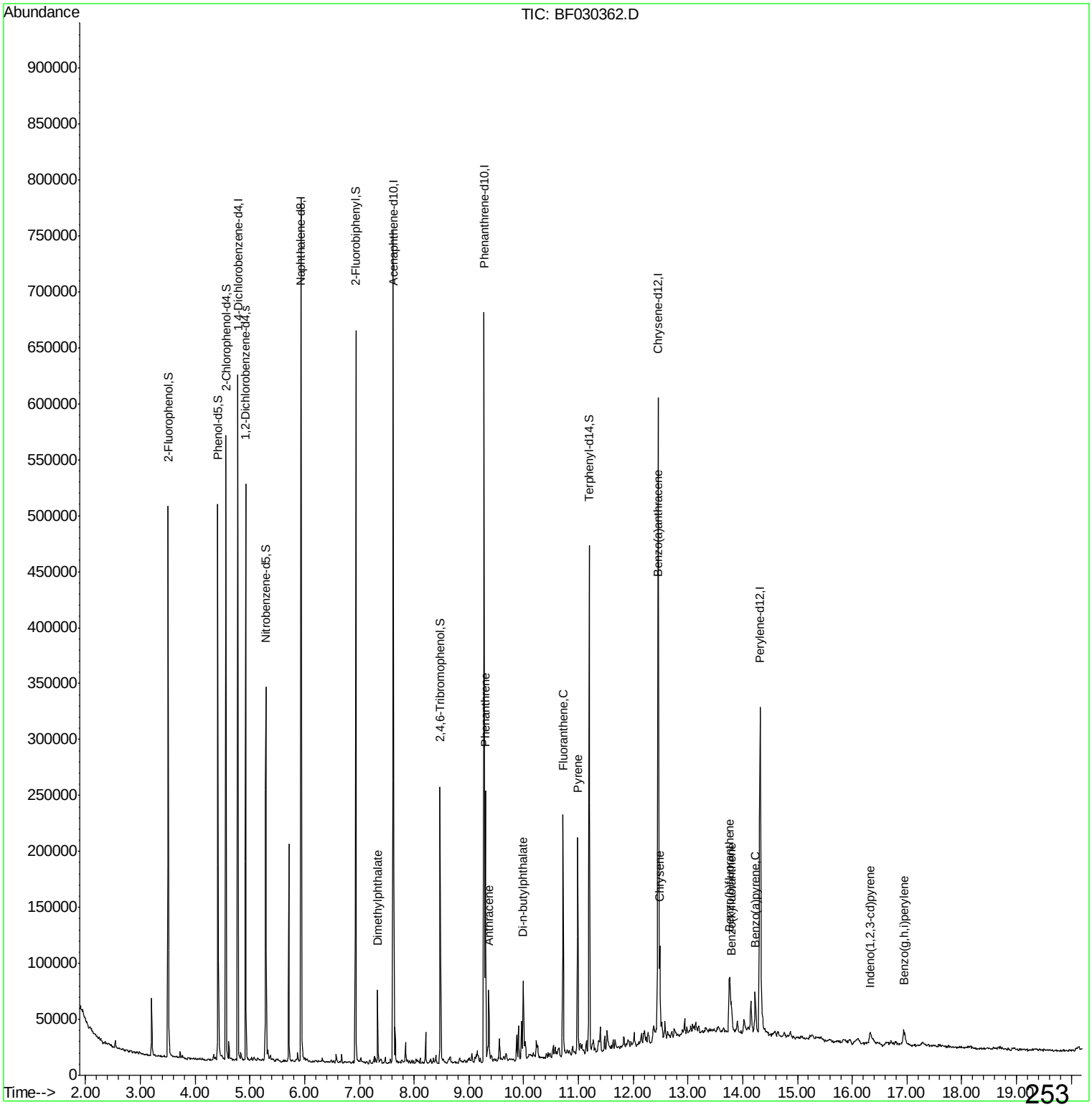
Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	380	AB
464-49-3	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	5.71	790	J
	Unknown14.15	14.15	390	J

Quantitation Report (LSC Reviewed)

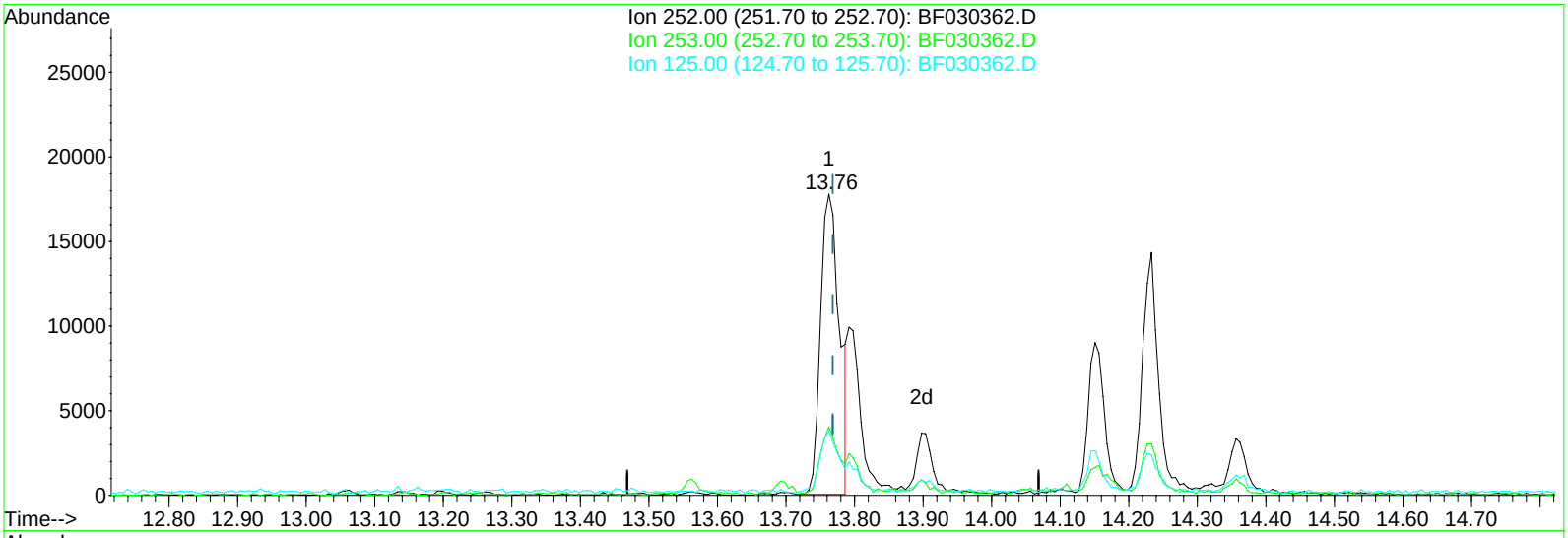
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

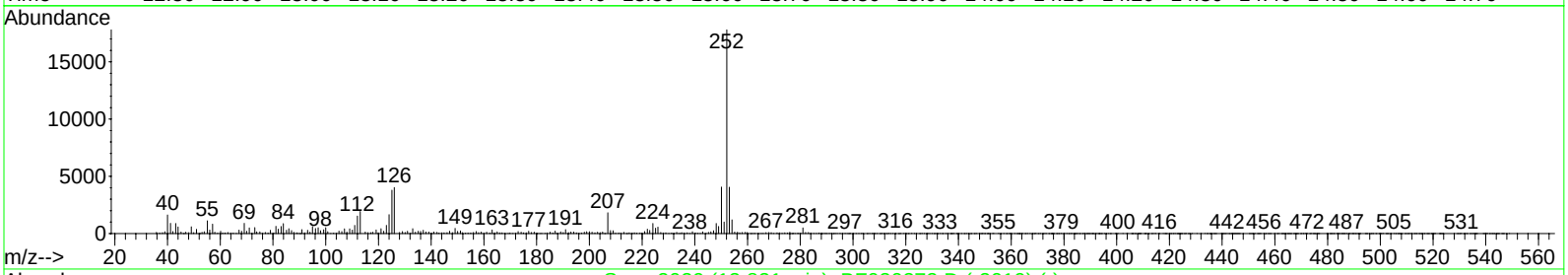
Quant Time: Aug 07 11:19:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

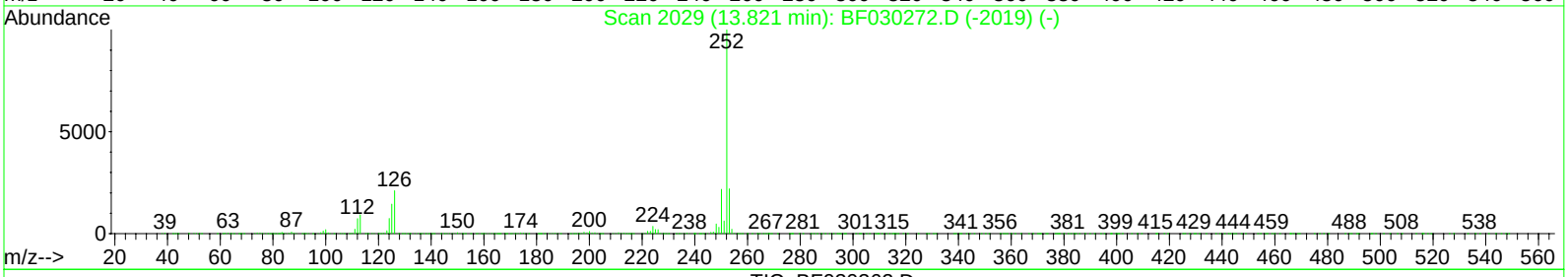


Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 07 01:47:59 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030362.D

(89) Benzo(b)fluoranthene

13.762min (-0.006) 3.55ng

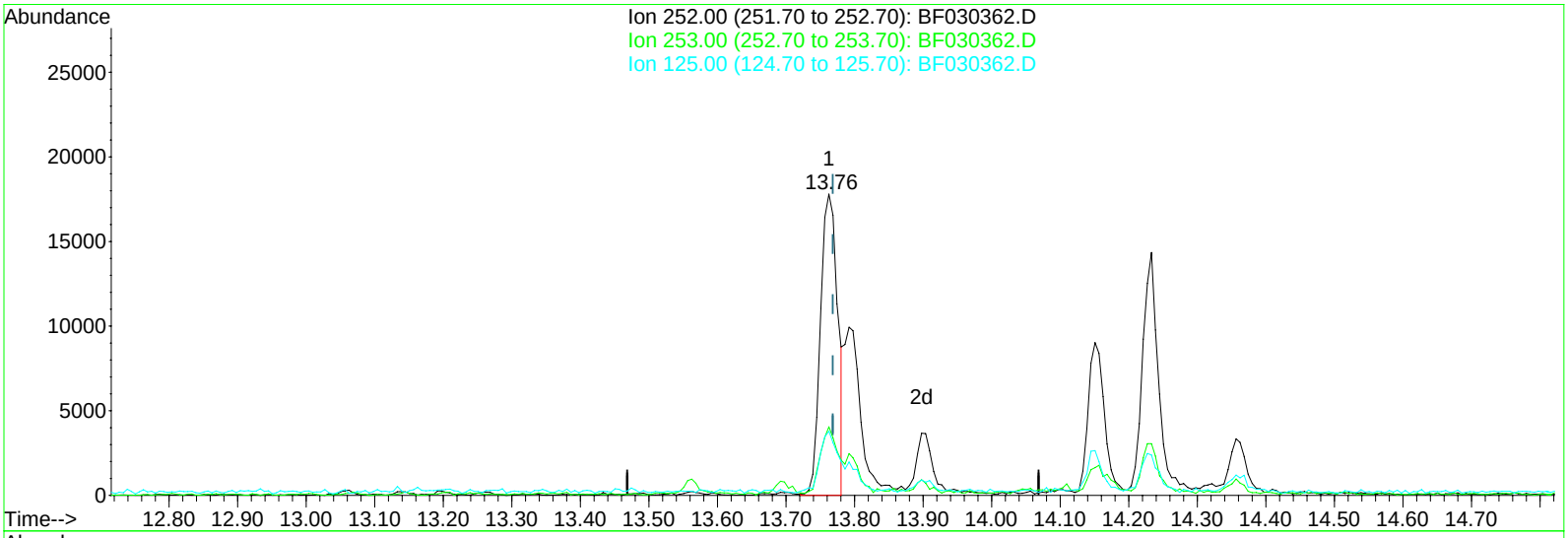
response 33990

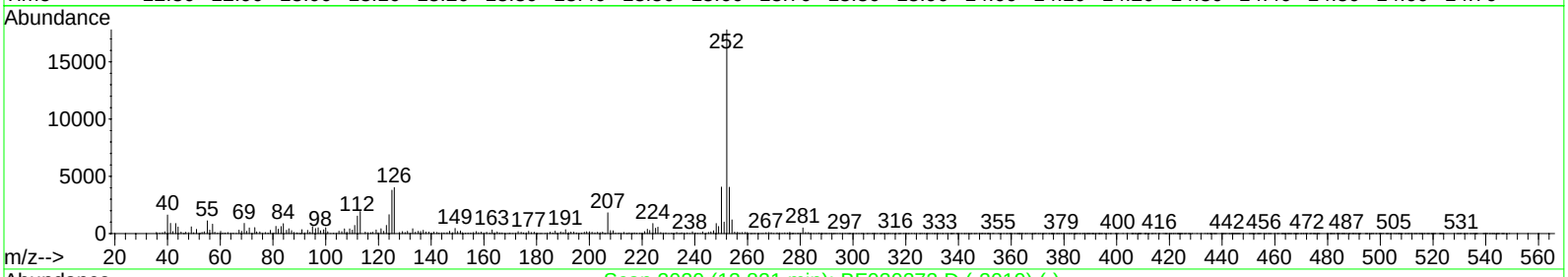
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125.00	14.90	21.31#
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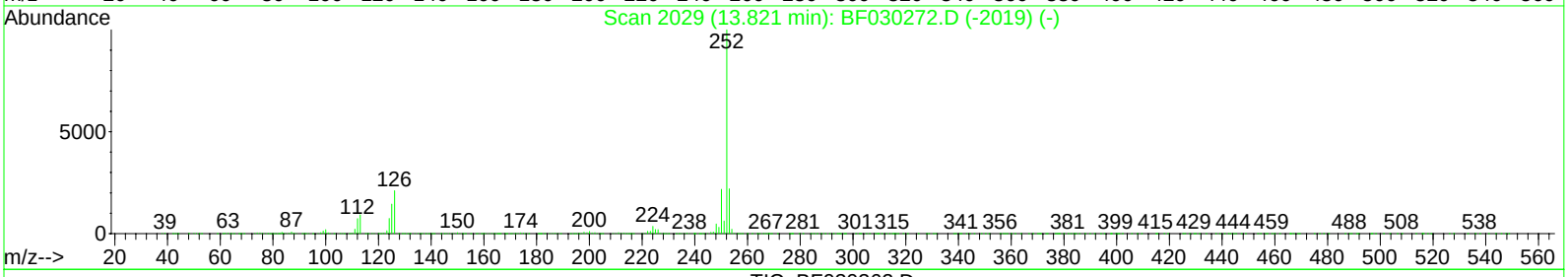
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Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 07 01:47:59 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030362.D

(89) Benzo(b)fluoranthene

13.762min (-0.006) 3.25ng m

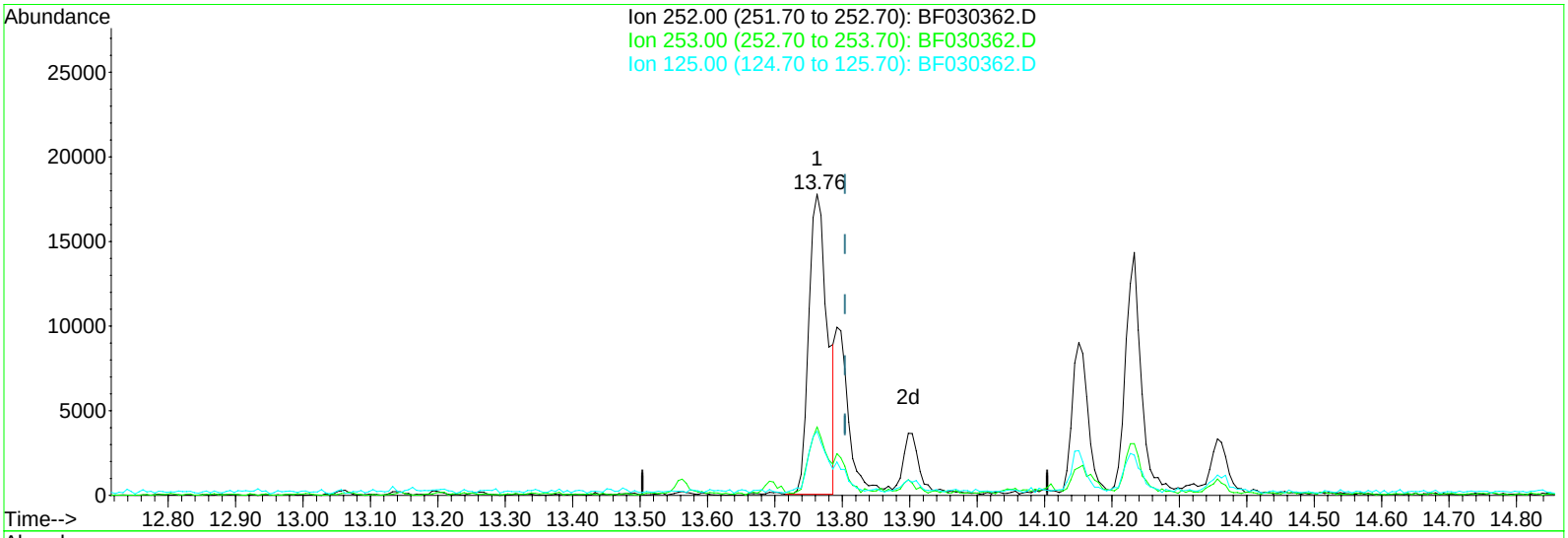
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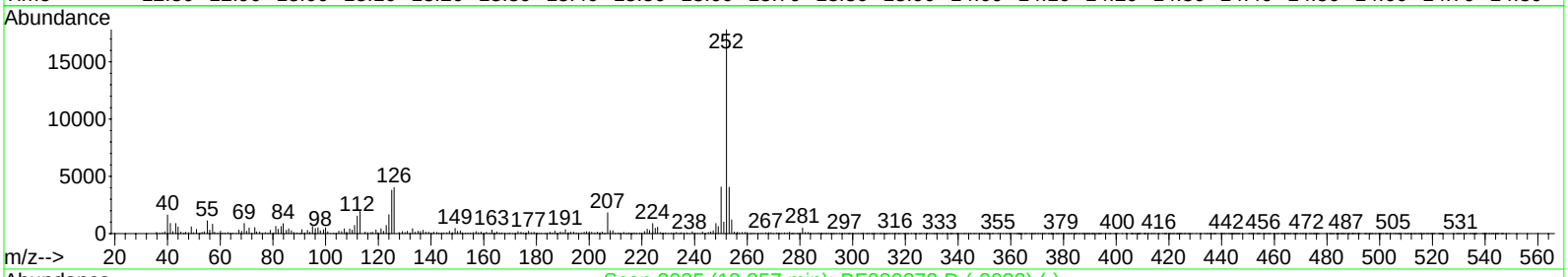
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253.00	21.60	22.77
125.00	14.90	21.31#
0.00	0.00	0.00

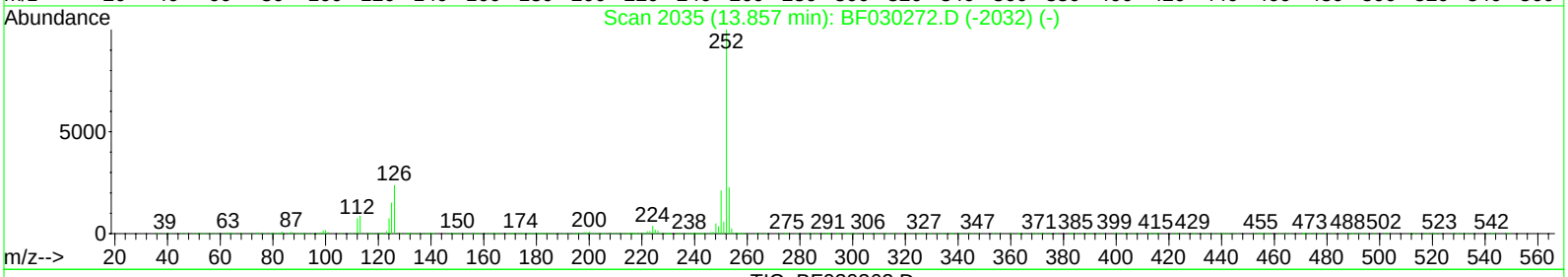
255

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 07 01:47:59 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030362.D

(90) Benzo(k)fluoranthene

13.762min (-0.041) 3.40ng

response 33990

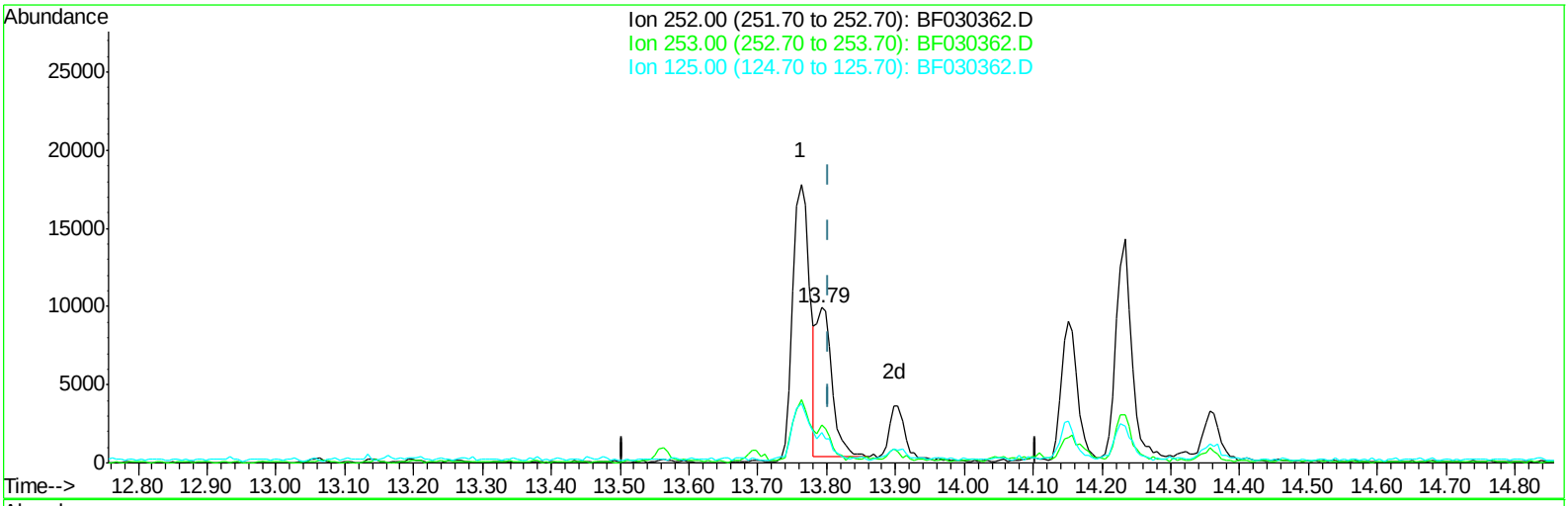
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125.00	16.20	21.31#
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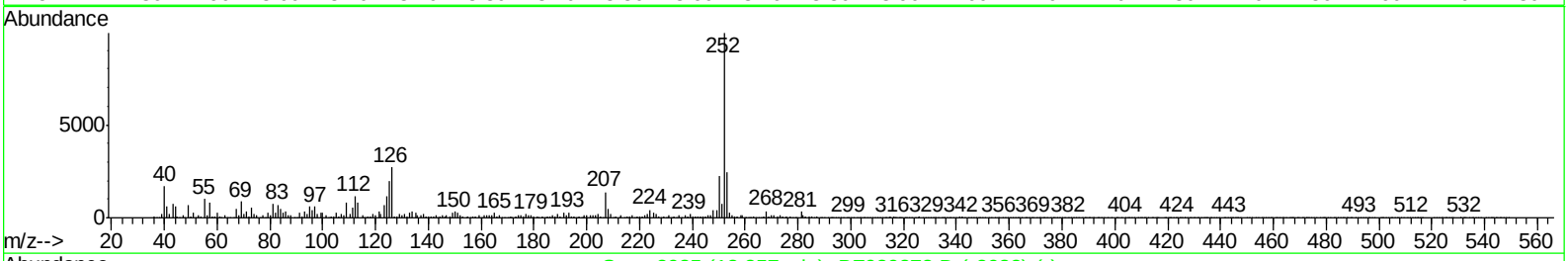
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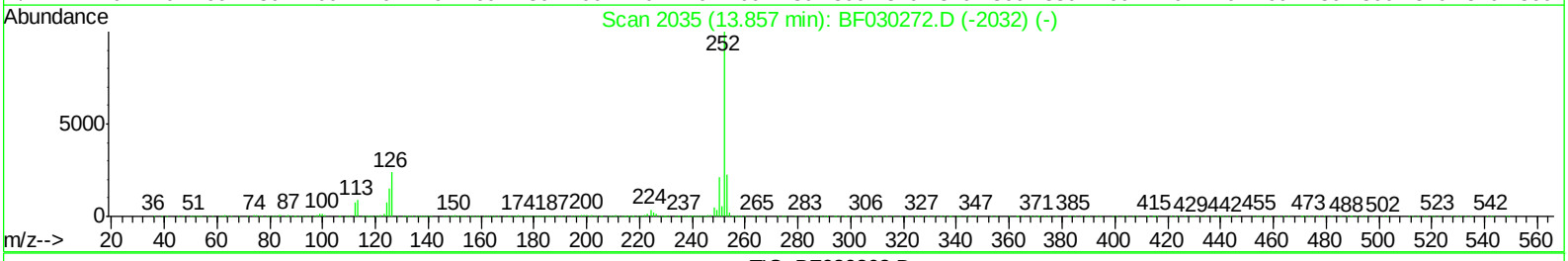
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 07 01:51:18 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







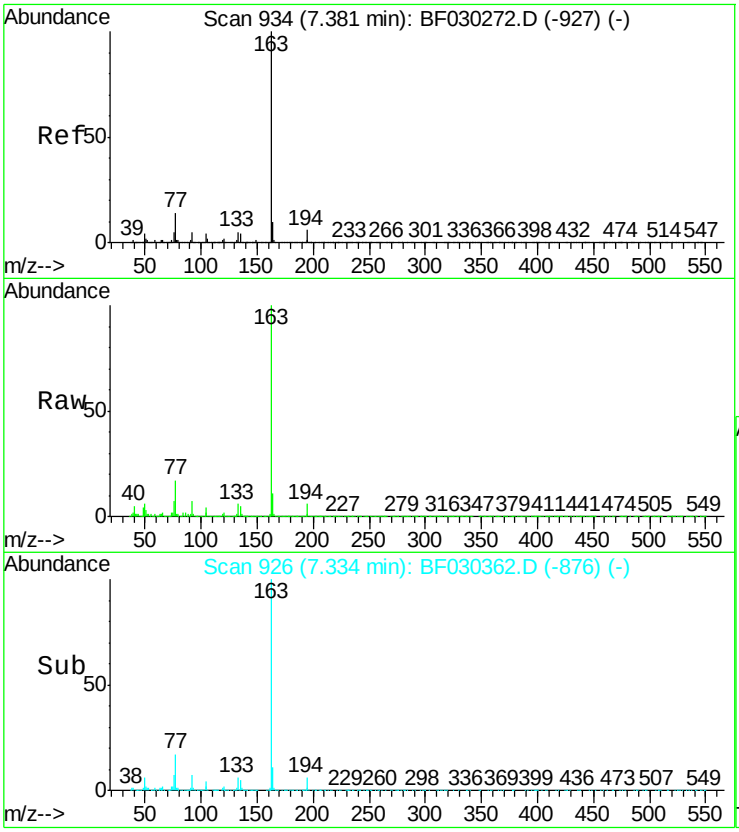
TIC: BF030362.D

(90) Benzo(k)fluoranthene

13.792min (-0.012) 1.52ng m

response 15237

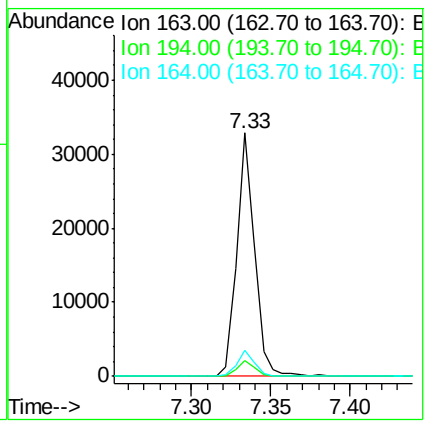
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0.00	0.00	0.00

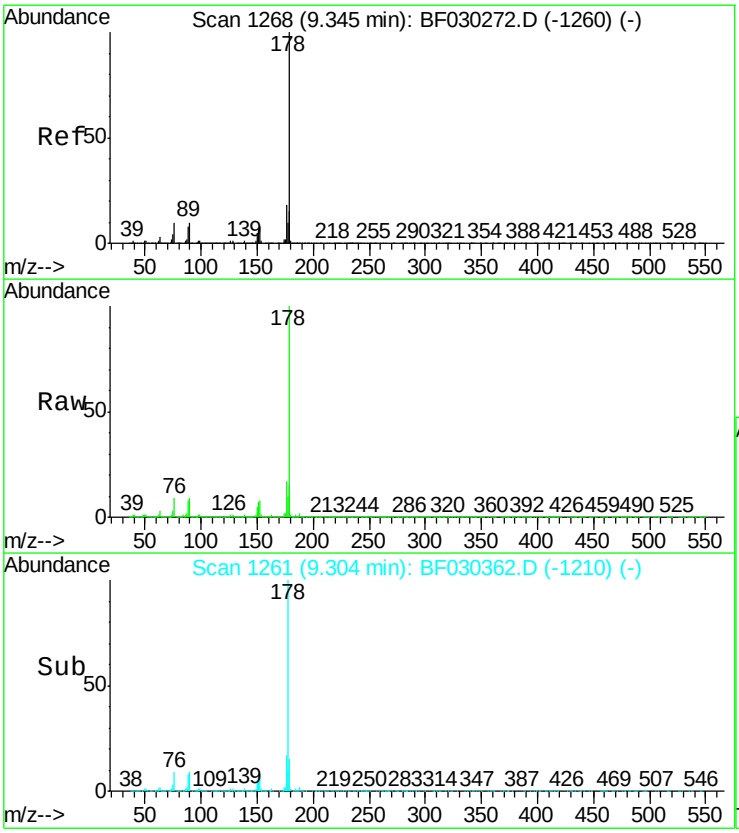


#51
Dimethylphthalate
Concen: 2.46 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:163 Resp: 25676

Ion	Ratio	Lower	Upper
163	100		
194	6.3	4.5	6.7
164	10.6	8.5	12.7

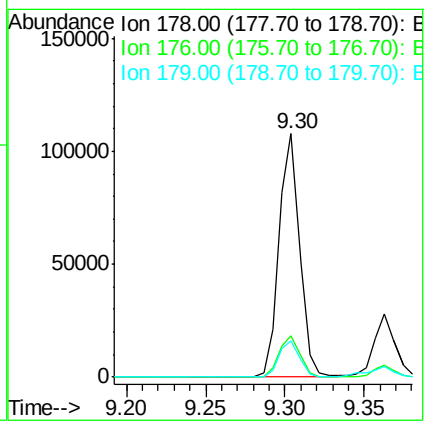


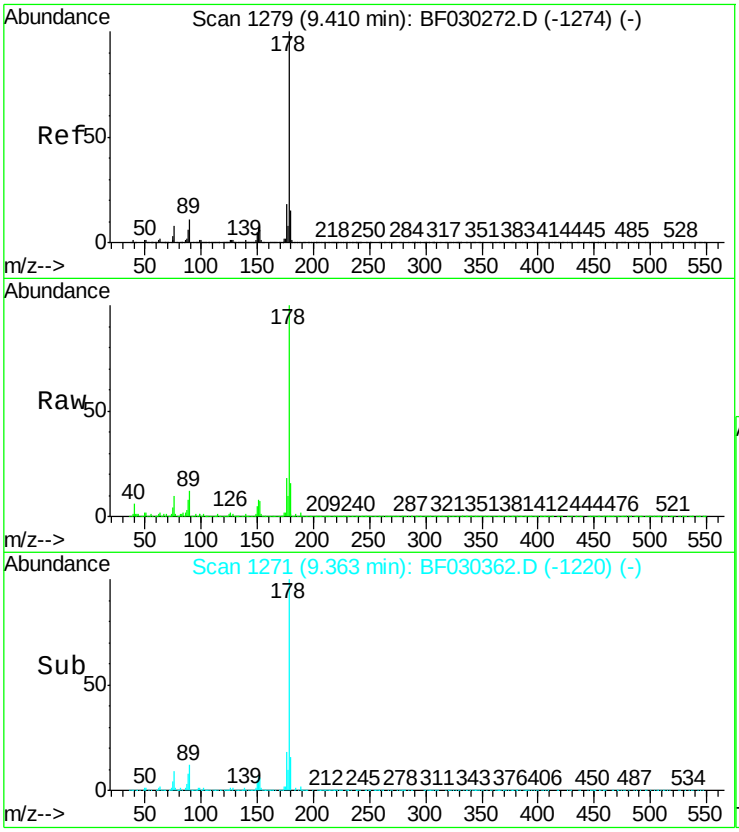


#72
Phenanthrene
Concen: 6.76 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:178 Resp: 97580

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.9	22.3
179	14.9	12.2	18.4

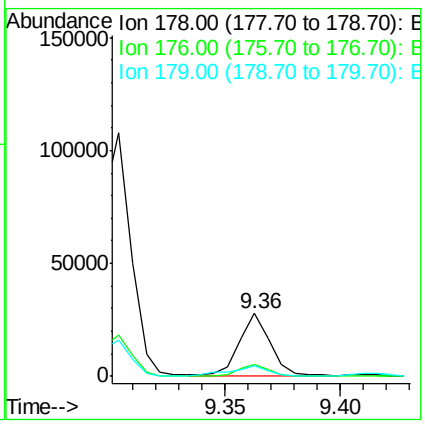


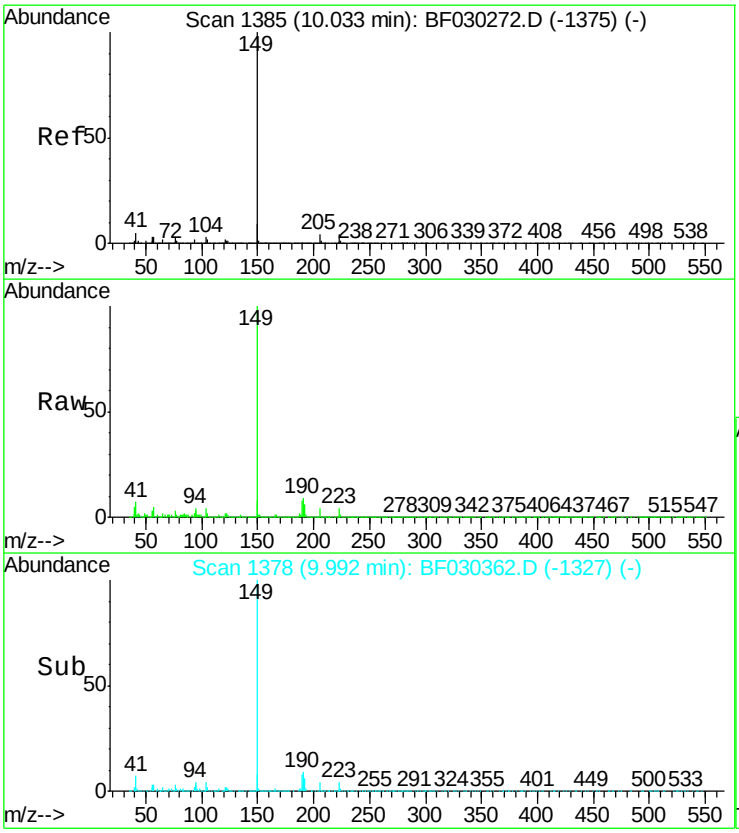


#73
Anthracene
Concen: 1.75 ng
RT: 9.36 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:178 Resp: 25703

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	16.1	12.6	19.0

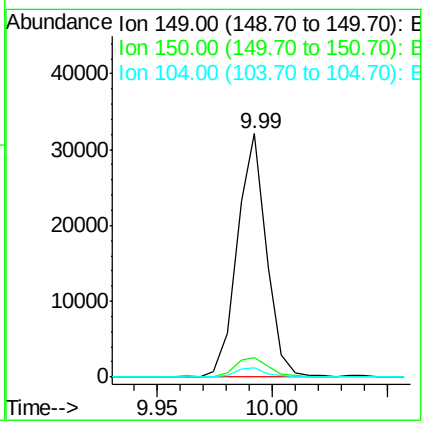


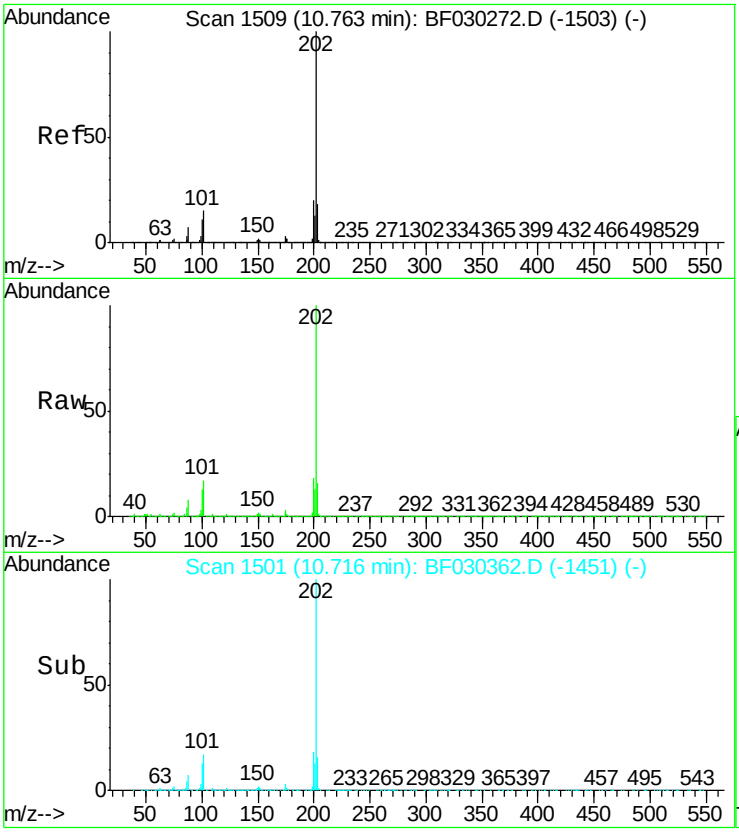


#75
Di-n-butylphthalate
Concen: 1.74 ng
RT: 9.99 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:149 Resp: 28037

Ion	Ratio	Lower	Upper
149	100		
150	8.3	7.0	10.6
104	4.0	2.6	4.0#

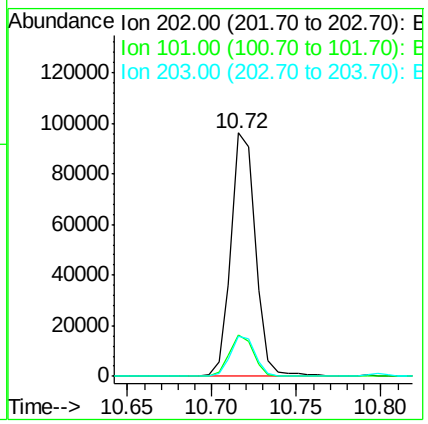


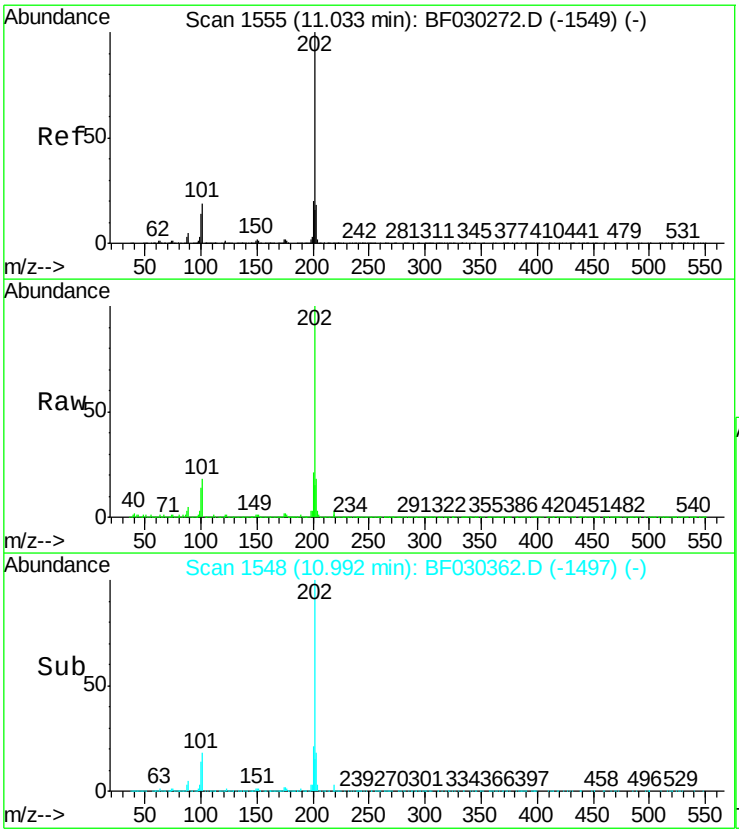


#76
Fluoranthene
Concen: 6.94 ng
RT: 10.72 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:202 Resp: 96810

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	36.0
203	16.4	0.0	37.2

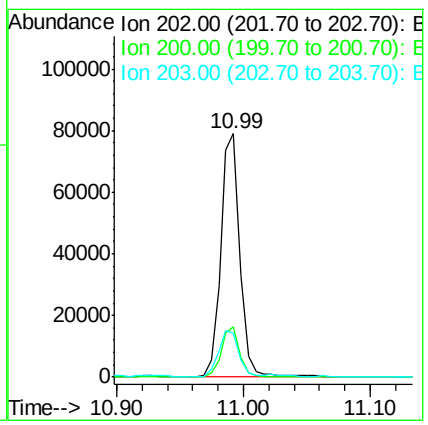


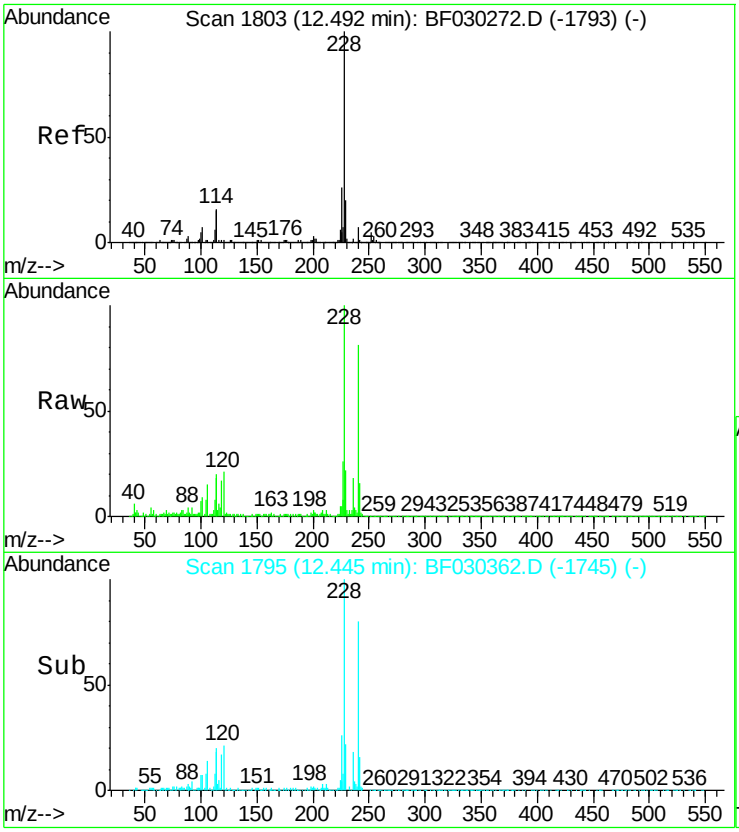


#79
Pyrene
Concen: 5.49 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:202 Resp: 82425

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.8	23.6
203	18.0	14.2	21.4

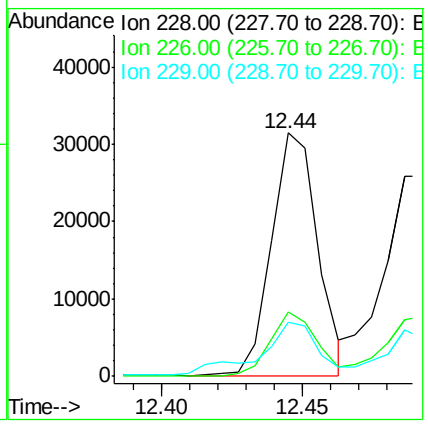


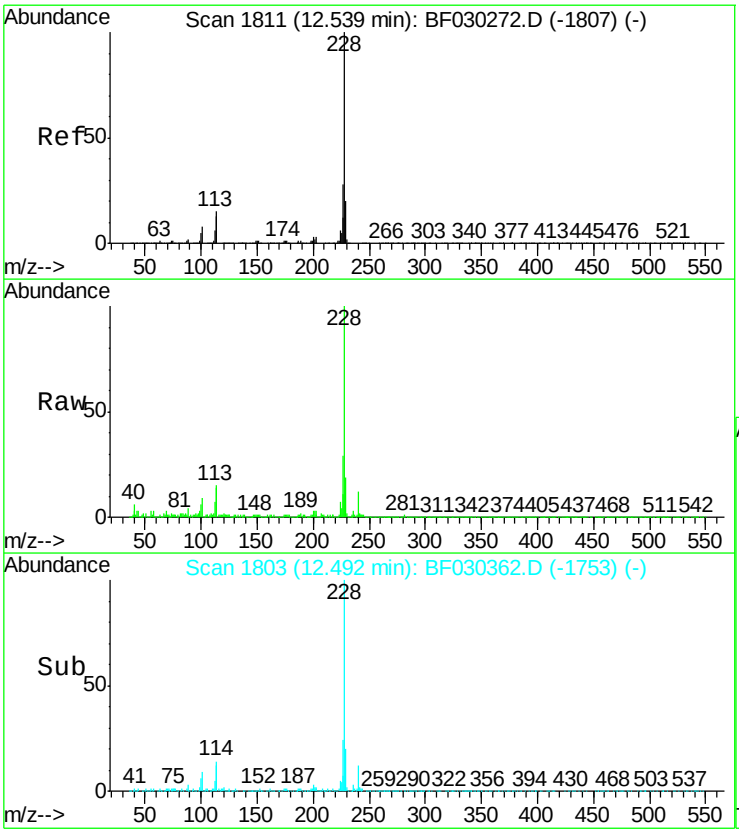


#82
Benzo(a)anthracene
Concen: 2.92 ng
RT: 12.44 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:228 Resp: 35603

Ion	Ratio	Lower	Upper
228	100		
226	26.2	19.9	29.9
229	22.3	15.5	23.3

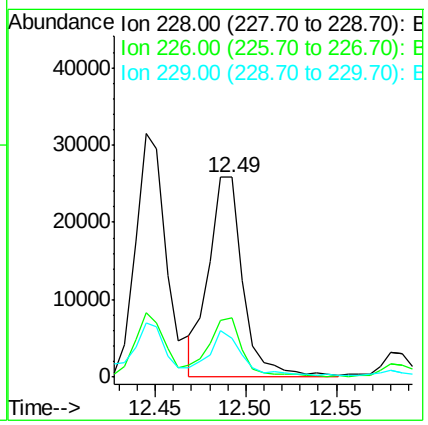


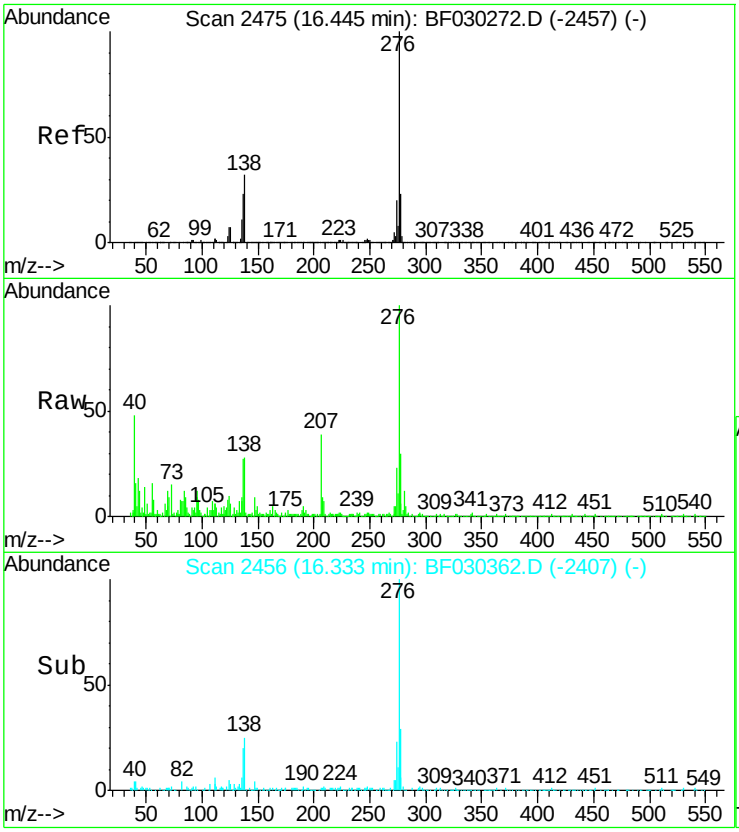


#84
Chrysene
Concen: 2.75 ng
RT: 12.49 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:228 Resp: 33795

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	19.5	15.0	22.4

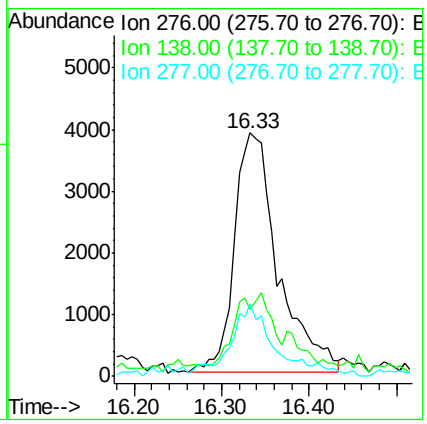


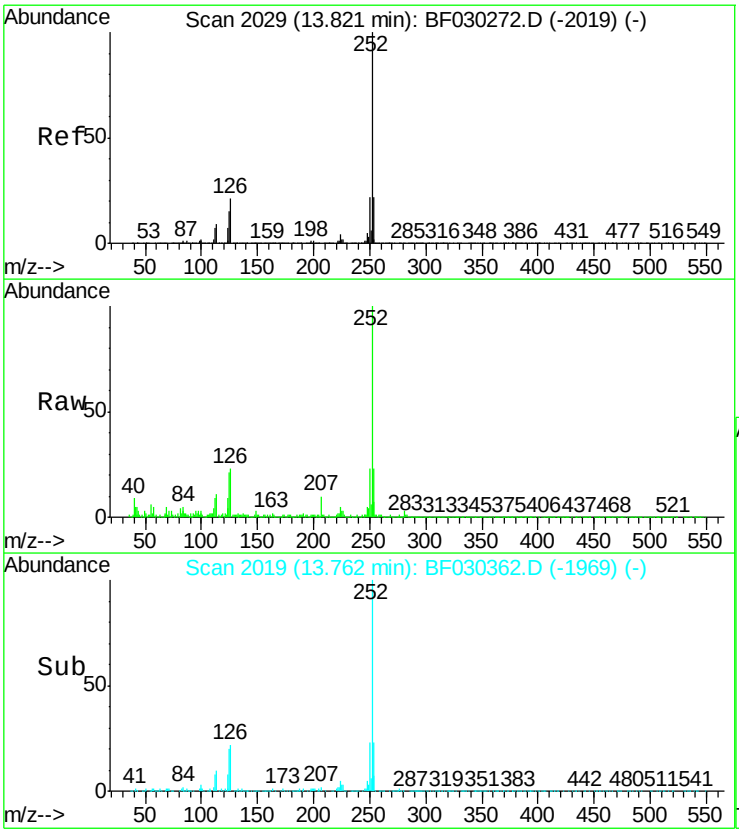


#87
Indeno(1,2,3-cd)pyrene
Concen: 1.08 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:276 Resp: 13296

Ion	Ratio	Lower	Upper
276	100		
138	12.1	21.0	31.6#
277	25.4	15.4	23.2#

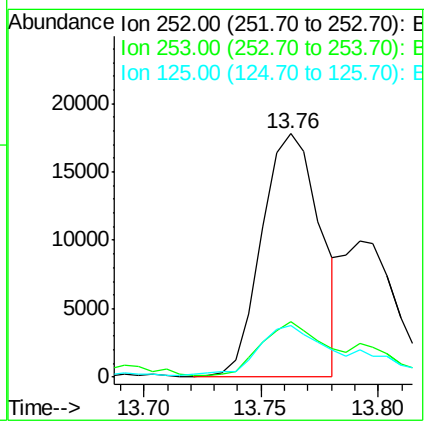


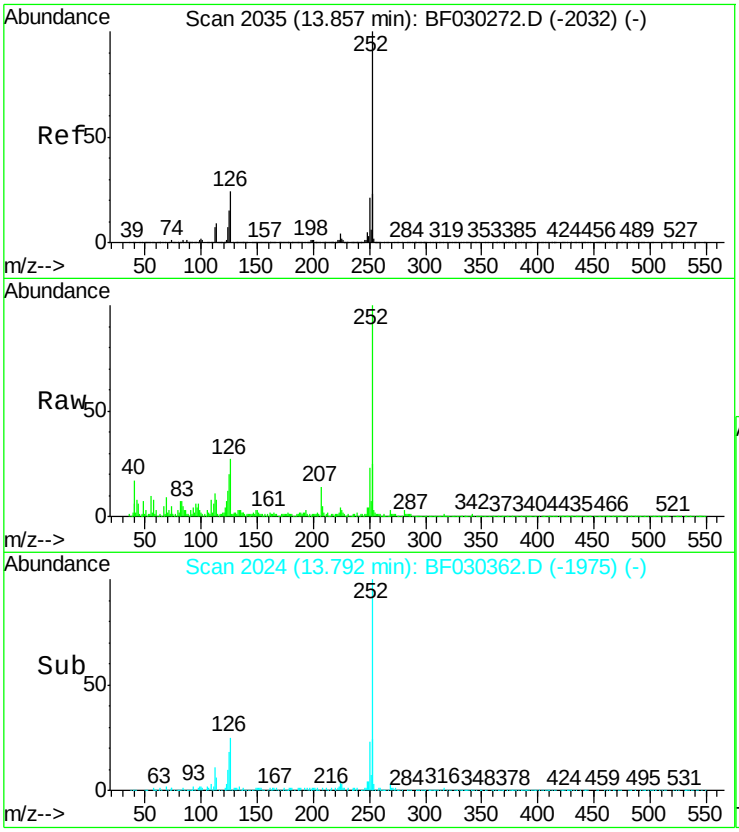


#89
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 13.76 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:252 Resp: 31099

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	21.3	11.9	17.9#

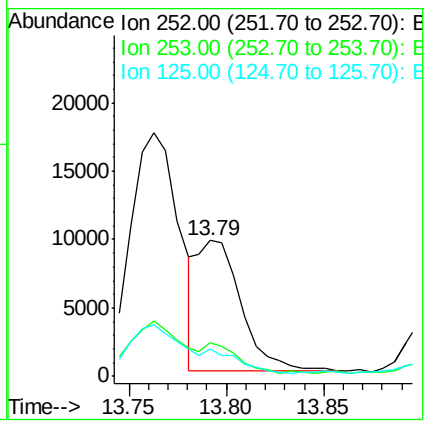


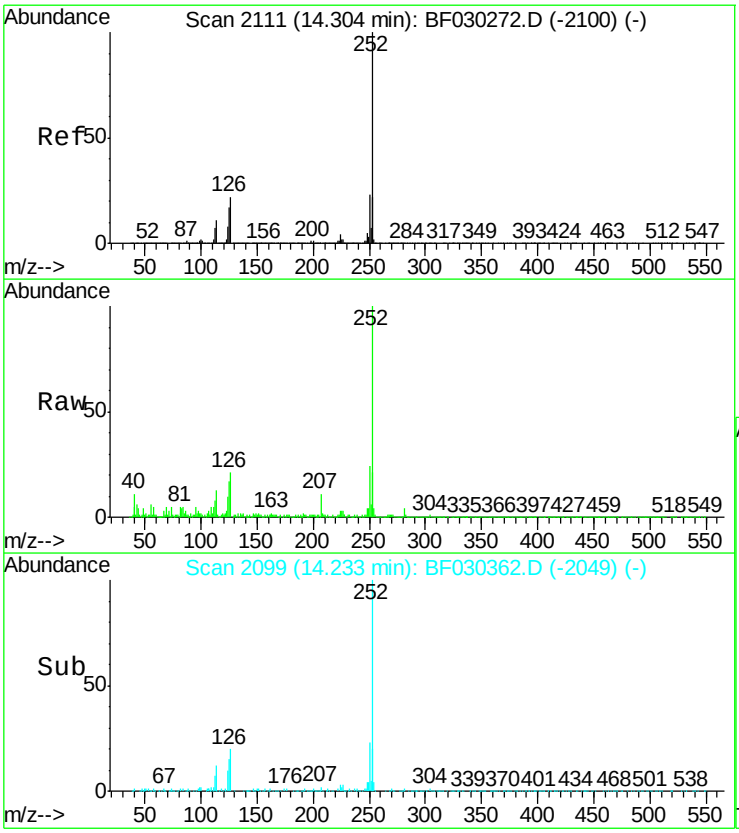


#90
Benzo(k)fluoranthene
Concen: 1.52 ng m
RT: 13.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:252 Resp: 15237

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	19.8	13.0	19.4#

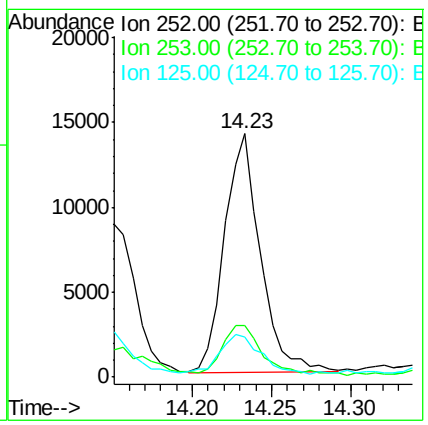


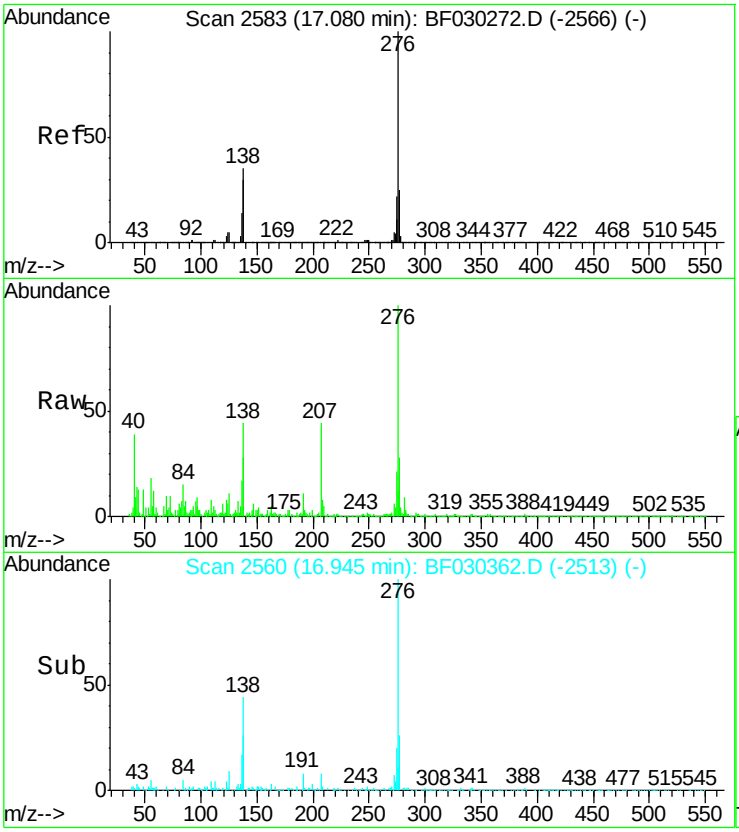


#91
Benzo(a)pyrene
Concen: 2.35 ng
RT: 14.23 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:252 Resp: 22124

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	16.6	13.4	20.2

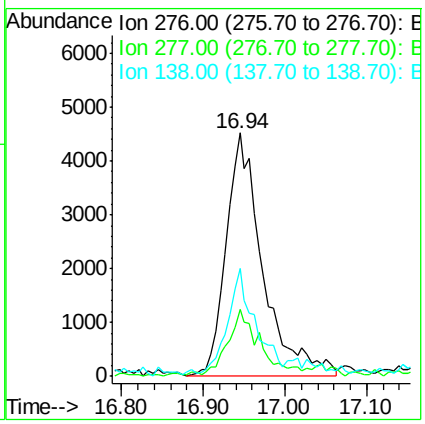




#93
Benzo(g,h,i)perylene
Concen: 1.62 ng
RT: 16.94 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF030362.D
Acq: 7 Aug 2009 1:20

Tgt Ion:276 Resp: 14036

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.0	30.0
138	44.3	28.2	42.4#



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 07 11:19:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	95049	20.00	ng		0.00
23) Naphthalene-d8	5.93	136	344202	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	168180	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	262872	20.00	ng		0.00
77) Chrysene-d12	12.46	240	221633	20.00	ng		0.00
88) Perylene-d12	14.32	264	166253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.50	112	147068	27.62	ng		0.00
7) Phenol-d5	4.42	99	190662	28.81	ng		-0.01
12) 2-Chlorophenol-d4	4.56	132	148680	29.78	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	73494	22.54	ng		0.00
25) Nitrobenzene-d5	5.29	82	94433	19.47	ng		0.00
43) 2,4,6-Tribromophenol	8.48	330	32322	30.86	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	212552	25.23	ng		0.00
80) Terphenyl-d14	11.20	244	157883	23.45	ng		0.00
Target Compounds							Qvalue
51) Dimethylphthalate	7.33	163	25676	2.46	ng		99
72) Phenanthrene	9.30	178	97580	6.76	ng		98
73) Anthracene	9.36	178	25703	1.75	ng		100
75) Di-n-butylphthalate	9.99	149	28037	1.74	ng	#	98
76) Fluoranthene	10.72	202	96810	6.94	ng		98
79) Pyrene	10.99	202	82425	5.49	ng		99
82) Benzo(a)anthracene	12.44	228	35603	2.92	ng		96
84) Chrysene	12.49	228	33795	2.75	ng		97
87) Indeno(1,2,3-cd)pyrene	16.33	276	13296	1.08	ng	#	78
89) Benzo(b)fluoranthene	13.76	252	31099m	3.25	ng		
90) Benzo(k)fluoranthene	13.79	252	15237m	1.52	ng		
91) Benzo(a)pyrene	14.23	252	22124	2.35	ng		99
93) Benzo(g,h,i)perylene	16.94	276	14036	1.62	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.540	109	111	118	rVB4	7348	7639	1.14%	0.088%
2	3.204	221	224	233	rBV	51342	49797	7.44%	0.574%
3	3.504	272	275	284	rBV	490918	413539	61.83%	4.765%
4	4.416	427	430	441	rBV	494361	416751	62.31%	4.802%
5	4.563	451	455	462	rBV	557992	453472	67.80%	5.225%
6	4.616	462	464	467	rVV2	15599	14385	2.15%	0.166%
7	4.781	488	492	495	rBV	612596	494377	73.91%	5.696%
8	4.922	513	516	522	rBV	514487	373105	55.78%	4.299%
9	5.292	576	579	584	rBV	330316	254858	38.10%	2.936%
10	5.710	647	650	653	rBV	192837	133260	19.92%	1.535%
11	5.934	685	688	695	rBV	770761	637538	95.31%	7.346%
12	6.581	793	798	801	rBV	7799	8216	1.23%	0.095%
13	6.934	854	858	861	rBV	654083	543040	81.19%	6.257%
14	7.269	910	915	917	rBV4	7129	8512	1.27%	0.098%
15	7.334	923	926	931	rBV	65261	52681	7.88%	0.607%
16	7.616	971	974	978	rBV	742864	665078	99.43%	7.663%
17	7.651	978	980	984	rVB	31459	25520	3.82%	0.294%
18	7.839	1009	1012	1015	rBV	17446	15566	2.33%	0.179%
19	8.210	1071	1075	1079	rBV	28320	26652	3.98%	0.307%
20	8.392	1103	1106	1112	rVB2	7233	8676	1.30%	0.100%
21	8.475	1116	1120	1128	rBV	247406	261627	39.11%	3.014%
22	8.833	1175	1181	1184	rBV7	5187	8020	1.20%	0.092%
23	9.051	1216	1218	1225	rVB	8406	9829	1.47%	0.113%
24	9.275	1252	1256	1259	rBV	669561	629744	94.15%	7.256%
25	9.304	1259	1261	1265	rVV	240596	201485	30.12%	2.321%
26	9.363	1268	1271	1275	rVB	60951	56054	8.38%	0.646%
27	9.557	1302	1304	1308	rVB	18496	16850	2.52%	0.194%
28	9.680	1321	1325	1331	rVB7	6727	9829	1.47%	0.113%
29	9.875	1353	1358	1360	rBV	22968	22839	3.41%	0.263%
30	9.904	1360	1363	1369	rVV	30420	34245	5.12%	0.395%
31	9.963	1369	1373	1375	rVV	34111	35913	5.37%	0.414%
32	9.992	1375	1378	1383	rVV2	69576	97065	14.51%	1.118%
33	10.027	1383	1384	1389	rVB	15639	15156	2.27%	0.175%
34	10.233	1416	1419	1421	rBV2	14952	15375	2.30%	0.177%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.539	1466	1471	1473	rBV	11343	16288	2.44%	0.188%
36	10.716	1497	1501	1506	rBV	215869	218182	32.62%	2.514%
37	10.892	1528	1531	1534	rBV3	7050	7760	1.16%	0.089%
38	10.986	1542	1547	1552	rBV	194158	219654	32.84%	2.531%
39	11.145	1569	1574	1577	rBV	12157	16077	2.40%	0.185%
40	11.198	1577	1583	1589	rVV	452895	459977	68.77%	5.300%
41	11.269	1589	1595	1599	rVB4	9741	18356	2.74%	0.211%
42	11.369	1608	1612	1615	rBV6	9228	15725	2.35%	0.181%
43	11.398	1615	1617	1621	rVB2	22375	21382	3.20%	0.246%
44	11.480	1628	1631	1634	rVB	12470	11906	1.78%	0.137%
45	11.521	1635	1638	1646	rVV4	16362	25917	3.87%	0.299%
46	11.633	1654	1657	1660	rVB	8165	8022	1.20%	0.092%
47	11.669	1660	1663	1668	rBV	7864	9526	1.42%	0.110%
48	11.827	1688	1690	1694	rVB4	9465	9599	1.44%	0.111%
49	12.016	1719	1722	1729	rVB3	12551	19789	2.96%	0.228%
50	12.151	1741	1745	1748	rVB2	9431	11445	1.71%	0.132%
51	12.192	1749	1752	1753	rBV2	9718	9862	1.47%	0.114%
52	12.274	1763	1766	1771	rVB	10247	15303	2.29%	0.176%
53	12.374	1777	1783	1785	rBV5	15083	24618	3.68%	0.284%
54	12.457	1792	1797	1801	rBV	564670	668885	100.00%	7.707%
55	12.486	1801	1802	1806	rVB	72158	59040	8.83%	0.680%
56	12.580	1816	1818	1821	rVB	15180	13714	2.05%	0.158%
57	12.939	1877	1879	1883	rVB2	13936	14102	2.11%	0.162%
58	12.980	1883	1886	1889	rBV4	6565	7769	1.16%	0.090%
59	13.145	1911	1914	1920	rVB8	8556	13028	1.95%	0.150%
60	13.762	2013	2019	2023	rBV3	49776	102109	15.27%	1.176%
61	13.904	2040	2043	2047	rVB3	10182	13905	2.08%	0.160%
62	14.021	2060	2063	2072	rBV6	10866	21782	3.26%	0.251%
63	14.151	2081	2085	2092	rVB2	28199	48432	7.24%	0.558%
64	14.227	2094	2098	2107	rVB	35898	59195	8.85%	0.682%
65	14.321	2108	2114	2125	rVV	288683	467879	69.95%	5.391%
66	16.333	2452	2456	2462	rBV3	6697	14710	2.20%	0.169%
67	16.945	2554	2560	2561	rBV3	12658	18653	2.79%	0.215%

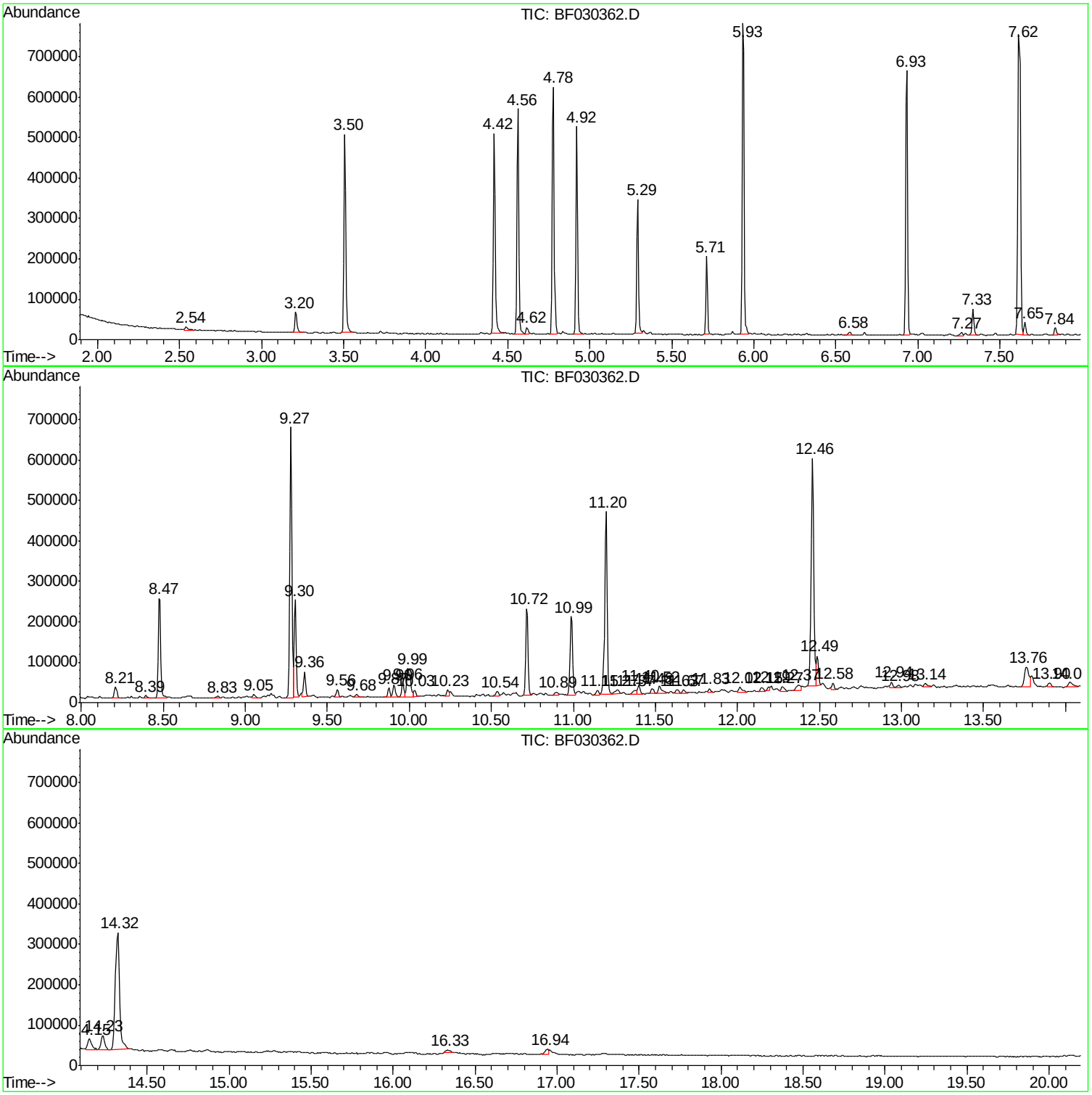
Sum of corrected areas: 8679284

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

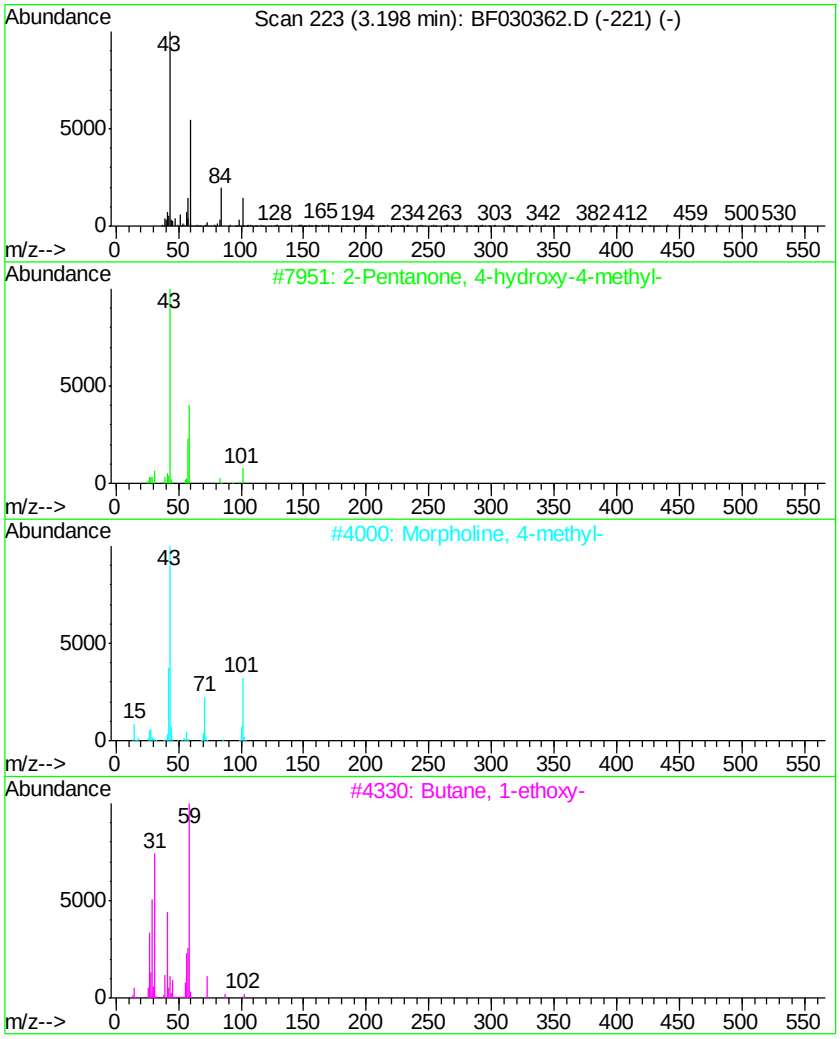
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

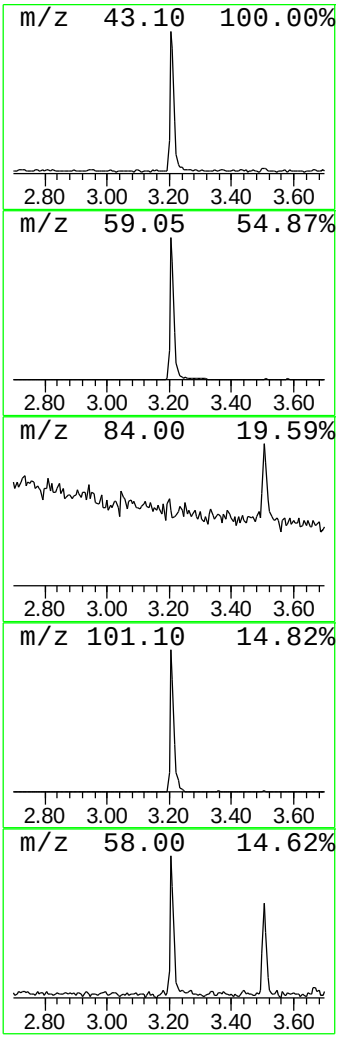
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.01 ng	49797	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

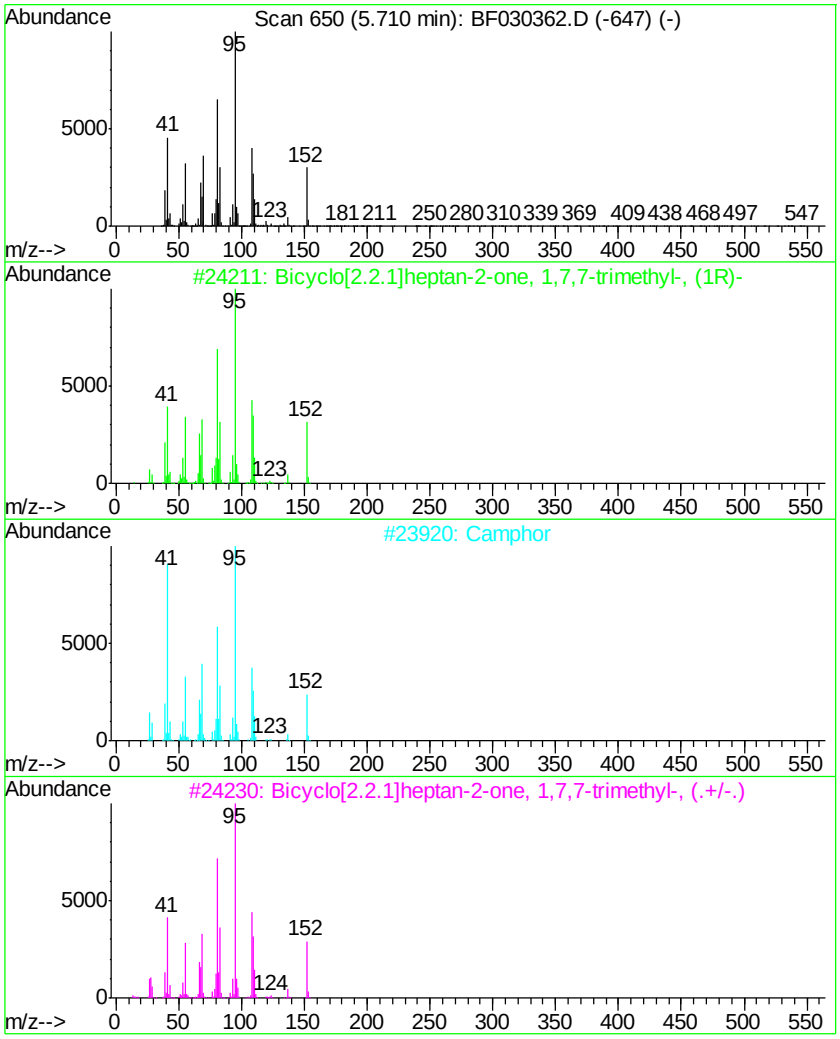
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

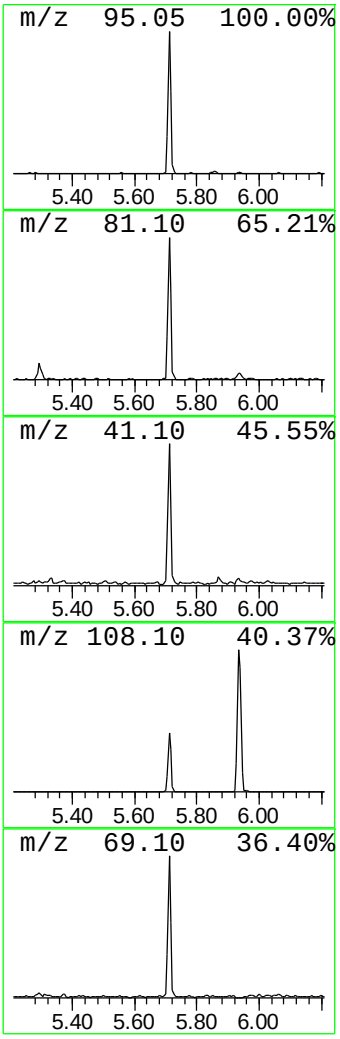
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Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	4.18 ng	133260	Naphthalene-d8	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	98
2	Camphor	152	C10H16O	000076-22-2	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	98
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

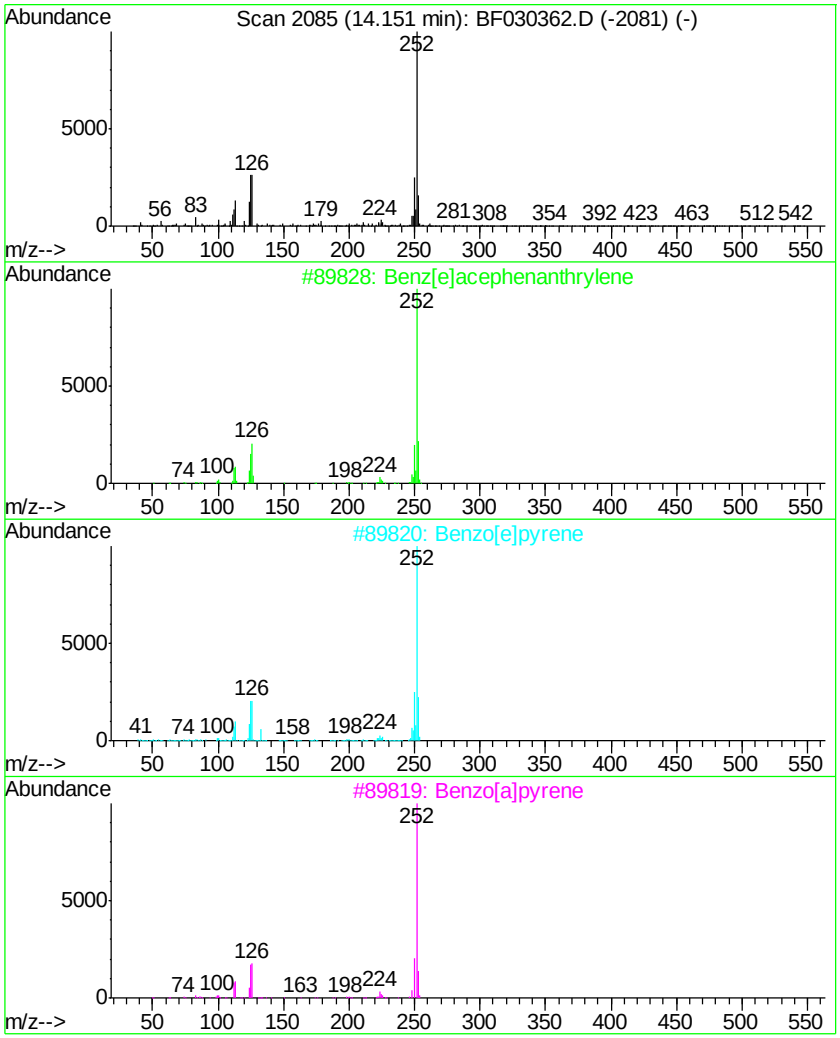
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TIC Integration Parameters: LSCINT.P

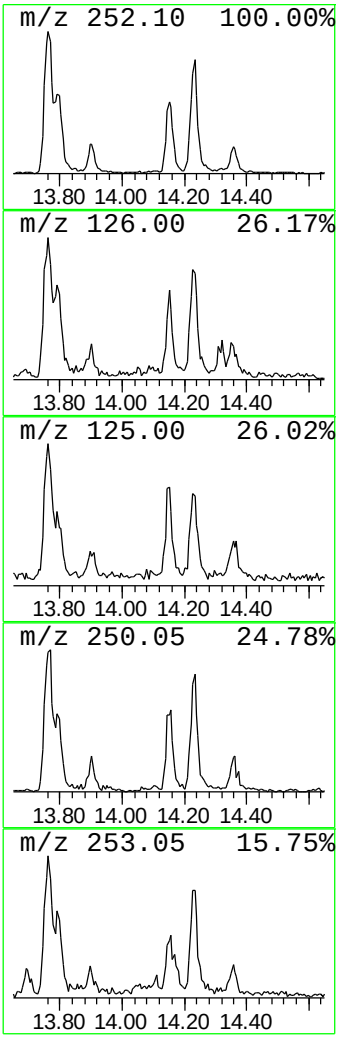
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Peak Number 3 unknown14.15 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.07 ng	48432	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030362.D
Acq On : 7 Aug 2009 1:20
Operator : QM
Sample : A3816-16 5X
Misc : FIRST RUN
ALS Vial : 25 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.20	2.0	ng	49797	1	4.78	494377	20.0
Bicyclo[2.2.1]hep...	5.71	4.2	ng	133260	2	5.93	637538	20.0
unknown14.15	14.15	2.1	ng	48432	6	14.32	467879	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	260	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

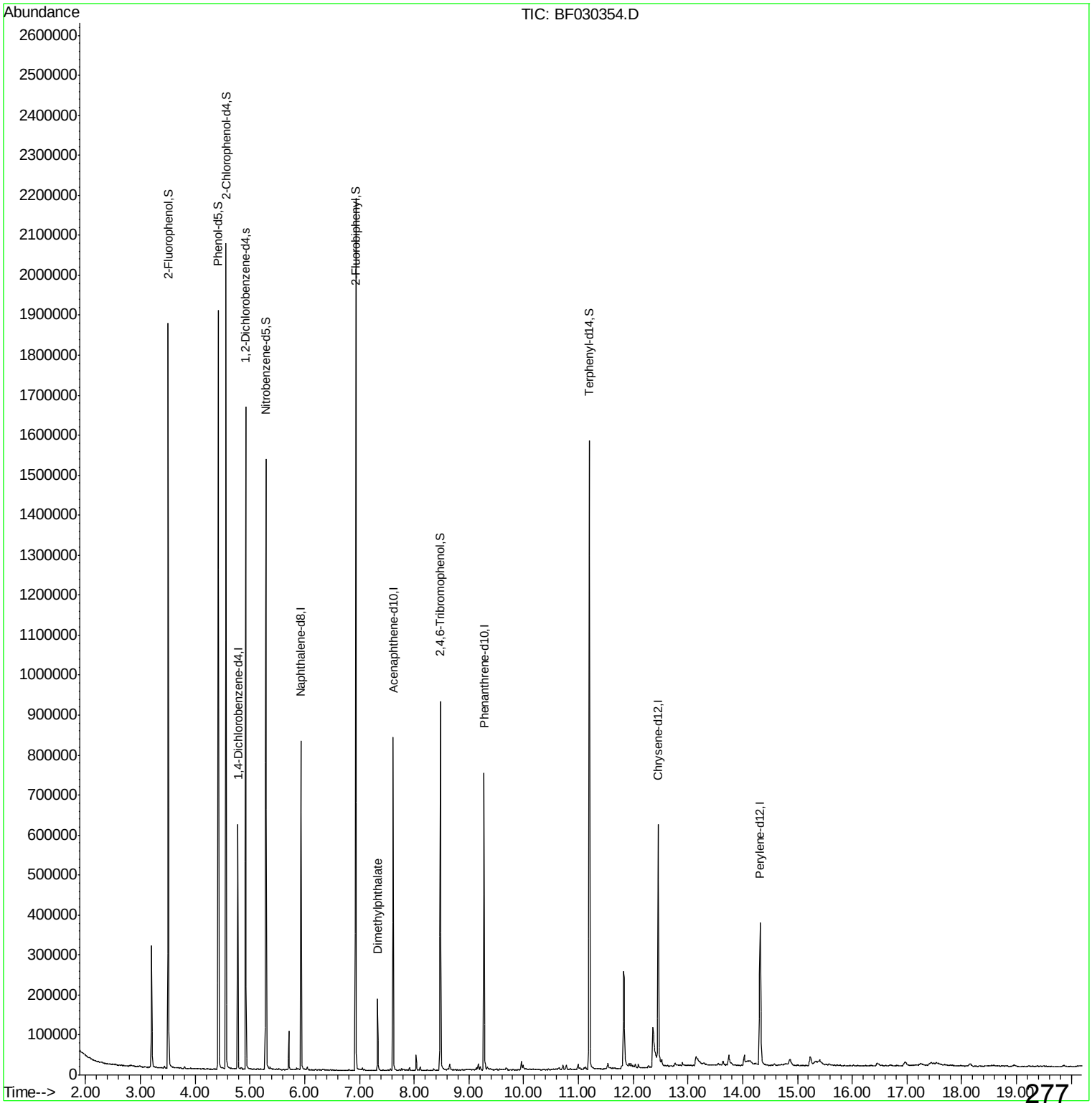
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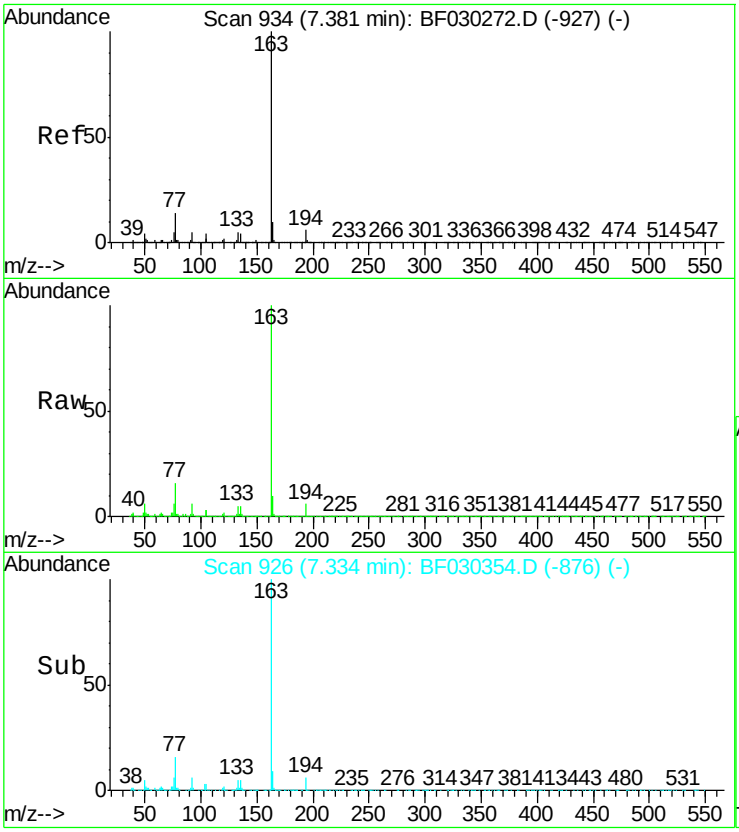
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	450	AB
76-22-2	Camphor	5.71	88	J
301-02-0	9-Octadecenamide, (Z)-	11.83	340	J
18435-45-5	1-Nonadecene	12.36	330	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 23:37:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

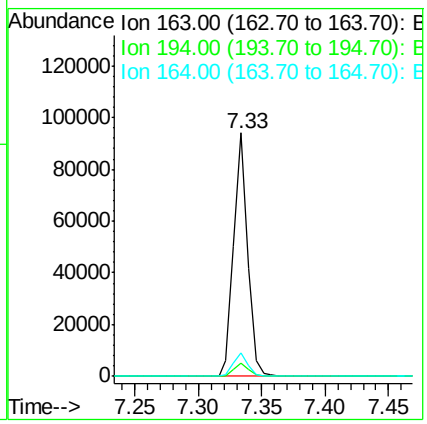




#51
Dimethylphthalate
Concen: 6.65 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030354.D
Acq: 6 Aug 2009 21:41

Tgt Ion:163 Resp: 71168

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.5	6.7
164	9.5	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 23:37:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	92448	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	344631	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	172859	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	292874	20.00	ng	0.00
77) Chrysene-d12	12.46	240	242506	20.00	ng	0.00
88) Perylene-d12	14.32	264	205730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	537075	103.71	ng	0.00
7) Phenol-d5	4.42	99	728312	113.14	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	547870	112.83	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	260440	82.13	ng	0.00
25) Nitrobenzene-d5	5.29	82	386231	79.54	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	117150	108.82	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	658946	76.11	ng	0.00
80) Terphenyl-d14	11.20	244	578495	78.51	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	71168	6.65	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.204	221	224	233	rVB	303608	268684	15.65%	1.620%
2	3.510	272	276	279	rBV	1862405	1504018	87.60%	9.067%
3	4.422	427	431	434	rBV	1897157	1593571	92.81%	9.607%
4	4.563	451	455	458	rBV	2062889	1662585	96.83%	10.023%
5	4.781	488	492	495	rBV	612086	475519	27.70%	2.867%
6	4.922	513	516	520	rBV	1655394	1337088	77.87%	8.061%
7	5.293	575	579	582	rBV	1526041	1099962	64.06%	6.631%
8	5.710	647	650	658	rBV	97285	69354	4.04%	0.418%
9	5.934	685	688	692	rBV	821353	624371	36.36%	3.764%
10	6.934	854	858	861	rBV	2180346	1716975	100.00%	10.351%
11	7.334	923	926	934	rVB	179790	141730	8.25%	0.854%
12	7.616	971	974	978	rBV	830979	680326	39.62%	4.101%
13	8.039	1041	1046	1050	rBV	40554	35428	2.06%	0.214%
14	8.481	1116	1121	1137	rVB	921781	922329	53.72%	5.560%
15	9.275	1252	1256	1260	rBV	742018	674536	39.29%	4.066%
16	9.957	1366	1372	1375	rBV3	21776	24932	1.45%	0.150%
17	11.198	1578	1583	1587	rBV	1572033	1643983	95.75%	9.911%
18	11.539	1634	1641	1645	rBV4	13730	24325	1.42%	0.147%
19	11.827	1685	1690	1702	rBV	238218	291012	16.95%	1.754%
20	12.363	1776	1781	1792	rBV2	100693	281111	16.37%	1.695%
21	12.457	1793	1797	1805	rVV	605450	678115	39.49%	4.088%
22	12.521	1805	1808	1815	rVB2	16816	23876	1.39%	0.144%
23	13.145	1910	1914	1919	rBV4	20685	45707	2.66%	0.276%
24	13.745	2012	2016	2023	rBV4	25515	46464	2.71%	0.280%
25	14.027	2059	2064	2068	rBV2	27025	44863	2.61%	0.270%
26	14.321	2107	2114	2129	rBV	354775	571389	33.28%	3.445%
27	14.857	2201	2205	2216	rVB7	15386	36108	2.10%	0.218%
28	15.233	2264	2269	2276	rBV3	21647	48405	2.82%	0.292%
29	16.956	2557	2562	2571	rVB3	7878	21218	1.24%	0.128%

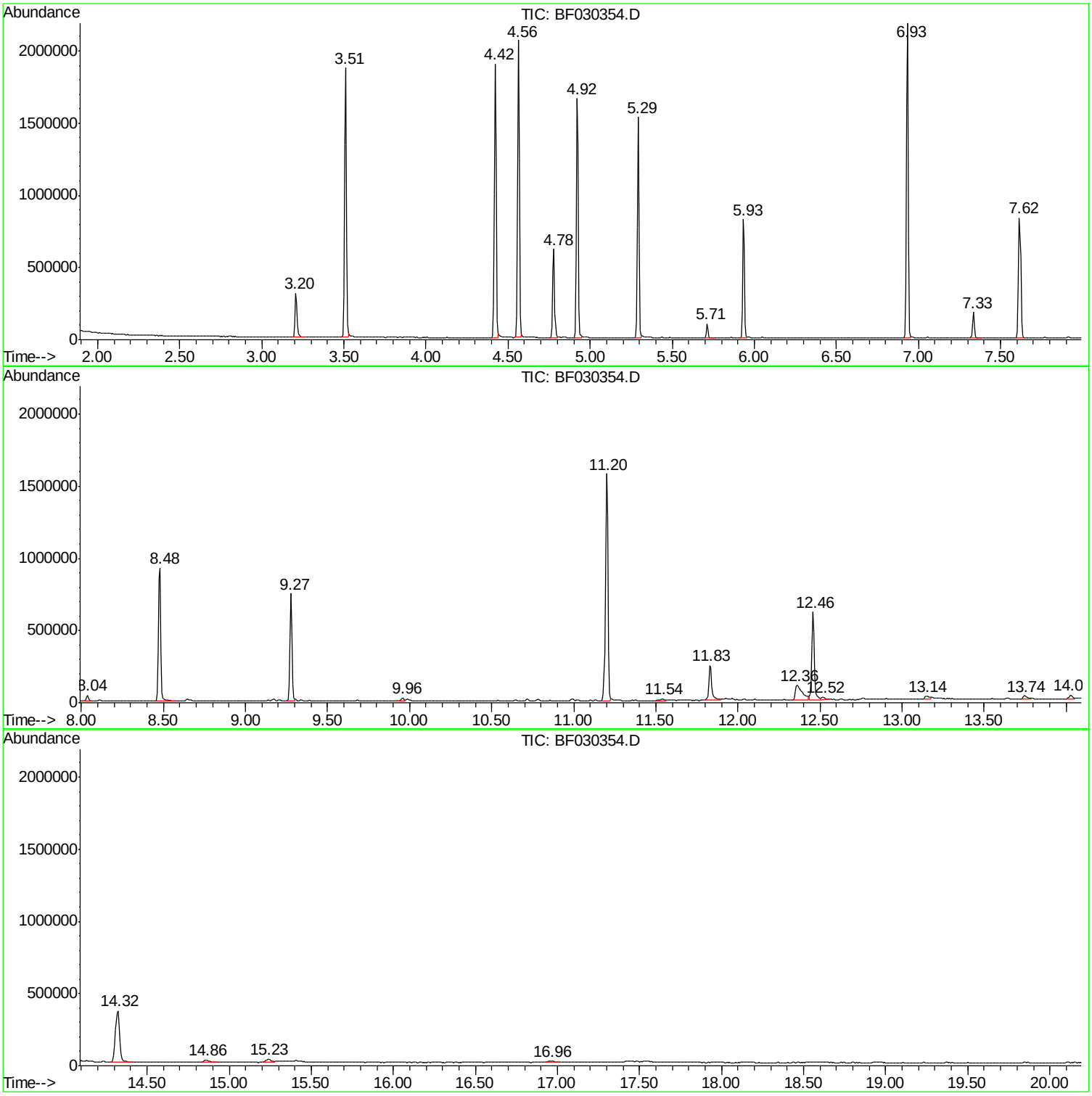
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LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

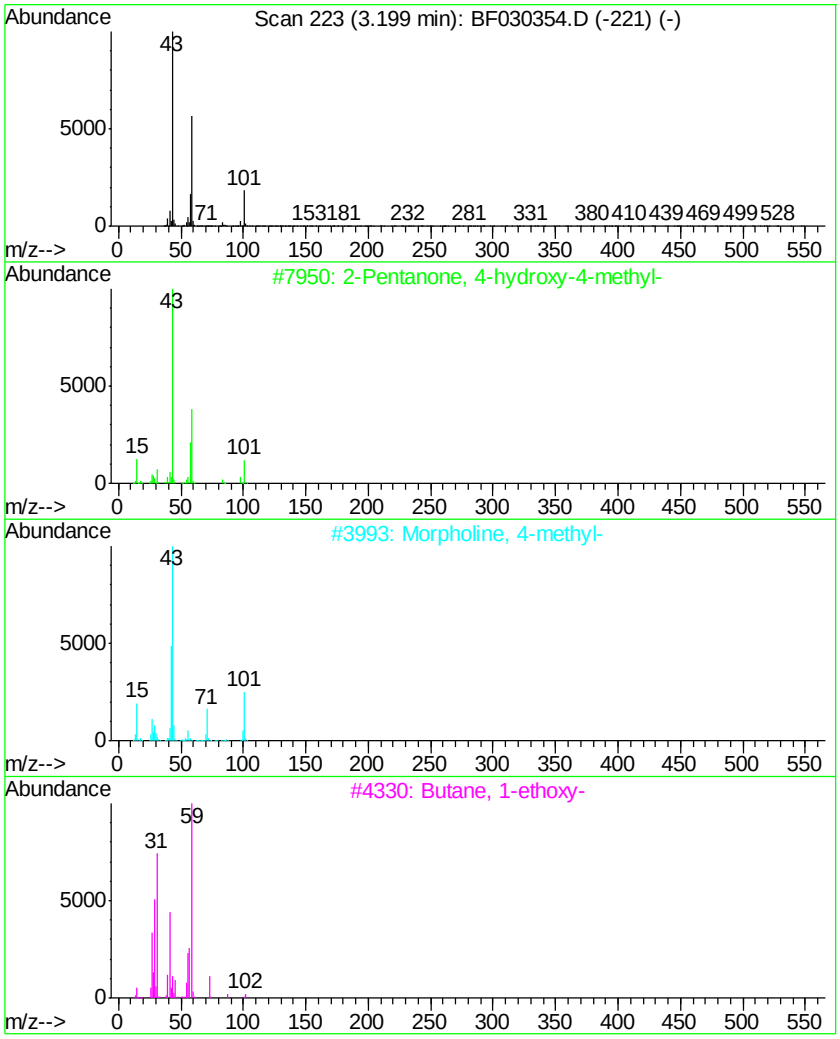
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

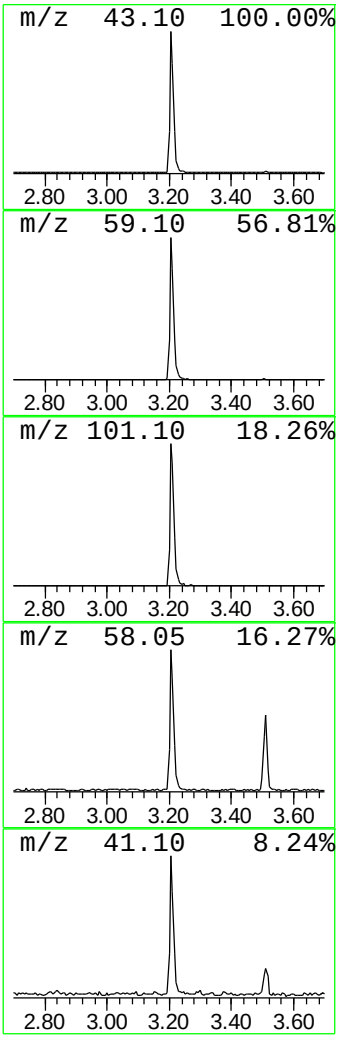
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	11.30 ng	268684	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

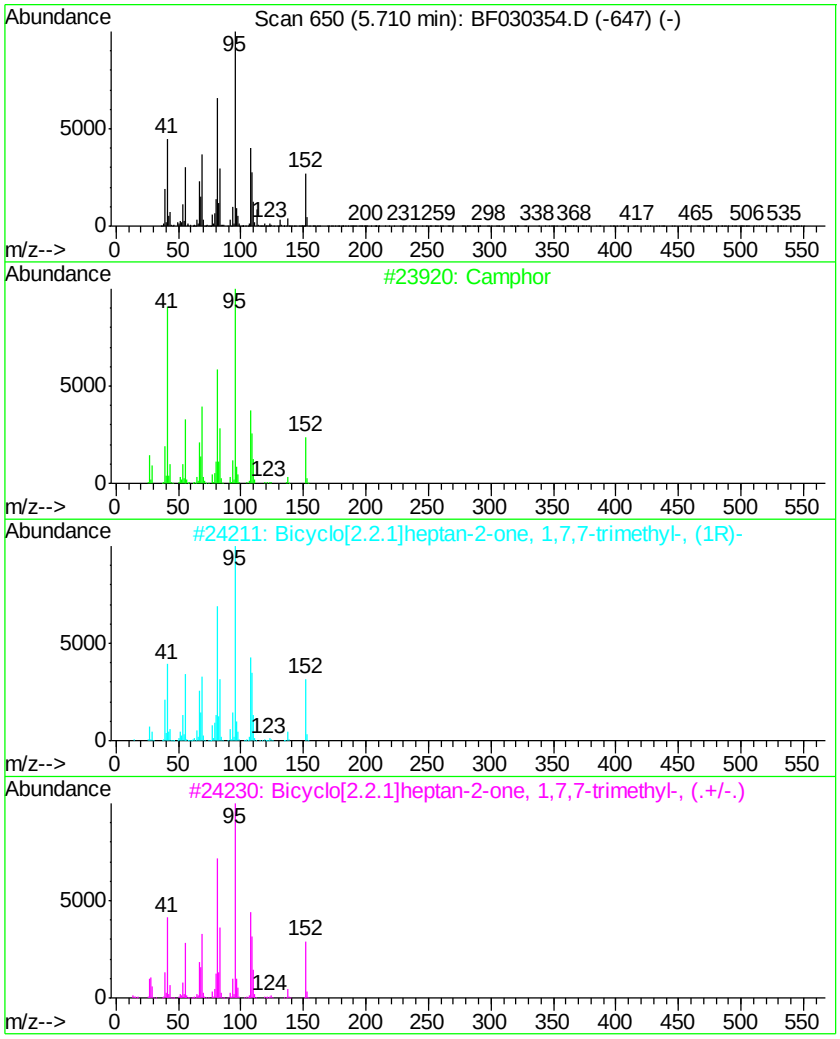
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TIC Integration Parameters: LSCINT.P

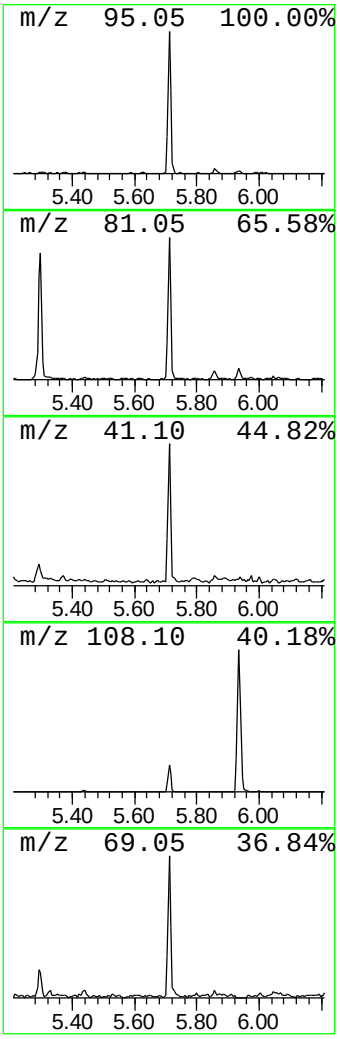
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Peak Number 2 Camphor Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	2.22 ng	69354	Naphthalene-d8	5.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	97
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	94
5	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

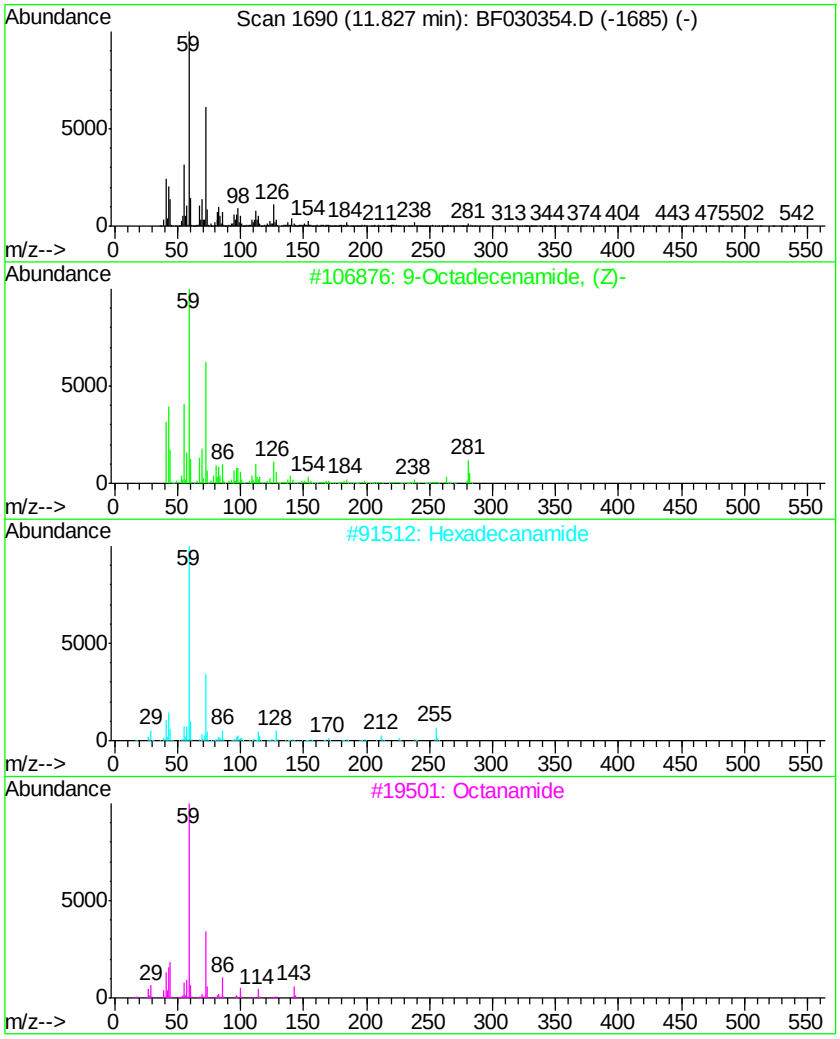
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TIC Integration Parameters: LSCINT.P

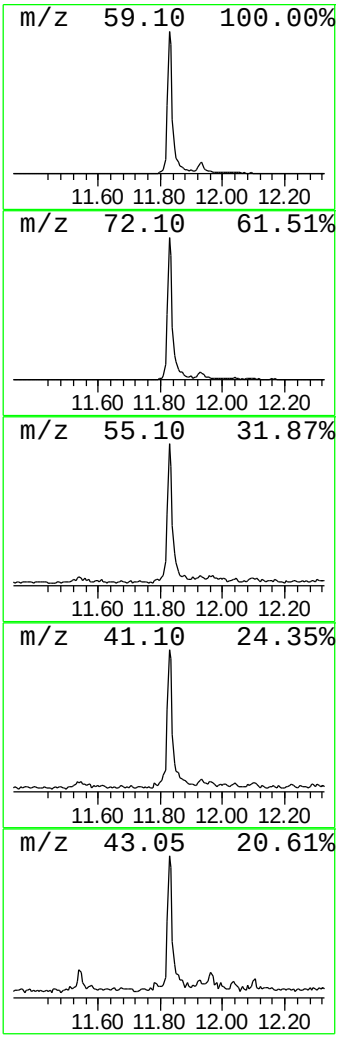
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.58 ng	291012	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Octanamide	143	C8H17NO	000629-01-6	50
4	Dodecanamide	199	C12H25NO	001120-16-7	50
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

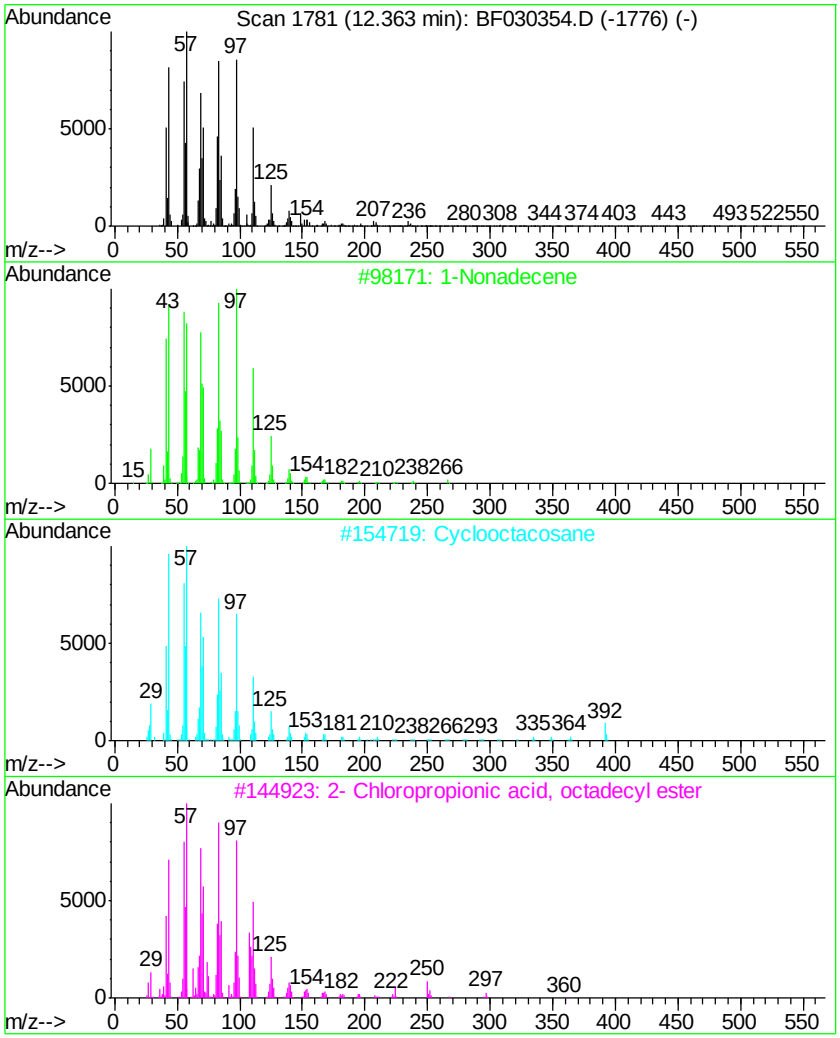
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

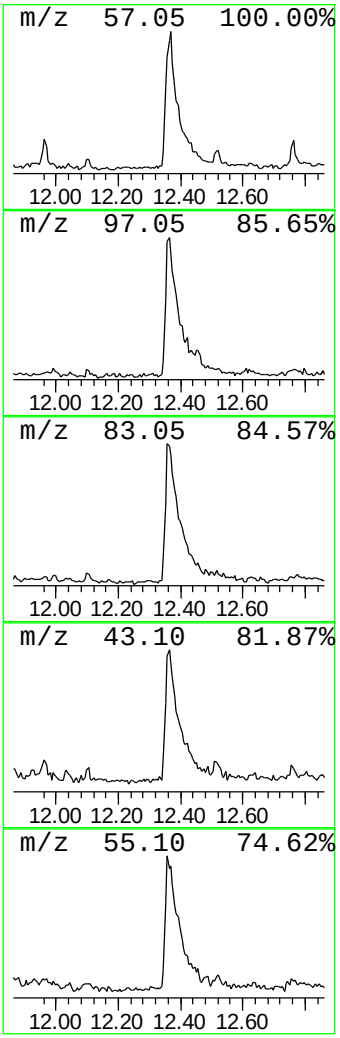
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Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.29 ng	281111	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	1-Triacontanol	438	C30H62O	000593-50-0	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030354.D
Acq On : 6 Aug 2009 21:41
Operator : QM
Sample : A3816-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.20	11.3	ng	268684	1	4.78	475519	20.0
Camphor	5.71	2.2	ng	69354	2	5.93	624371	20.0
9-Octadecenamide,...	11.83	8.6	ng	291012	5	12.46	678115	20.0
1-Nonadecene	12.36	8.3	ng	281111	5	12.46	678115	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	410	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

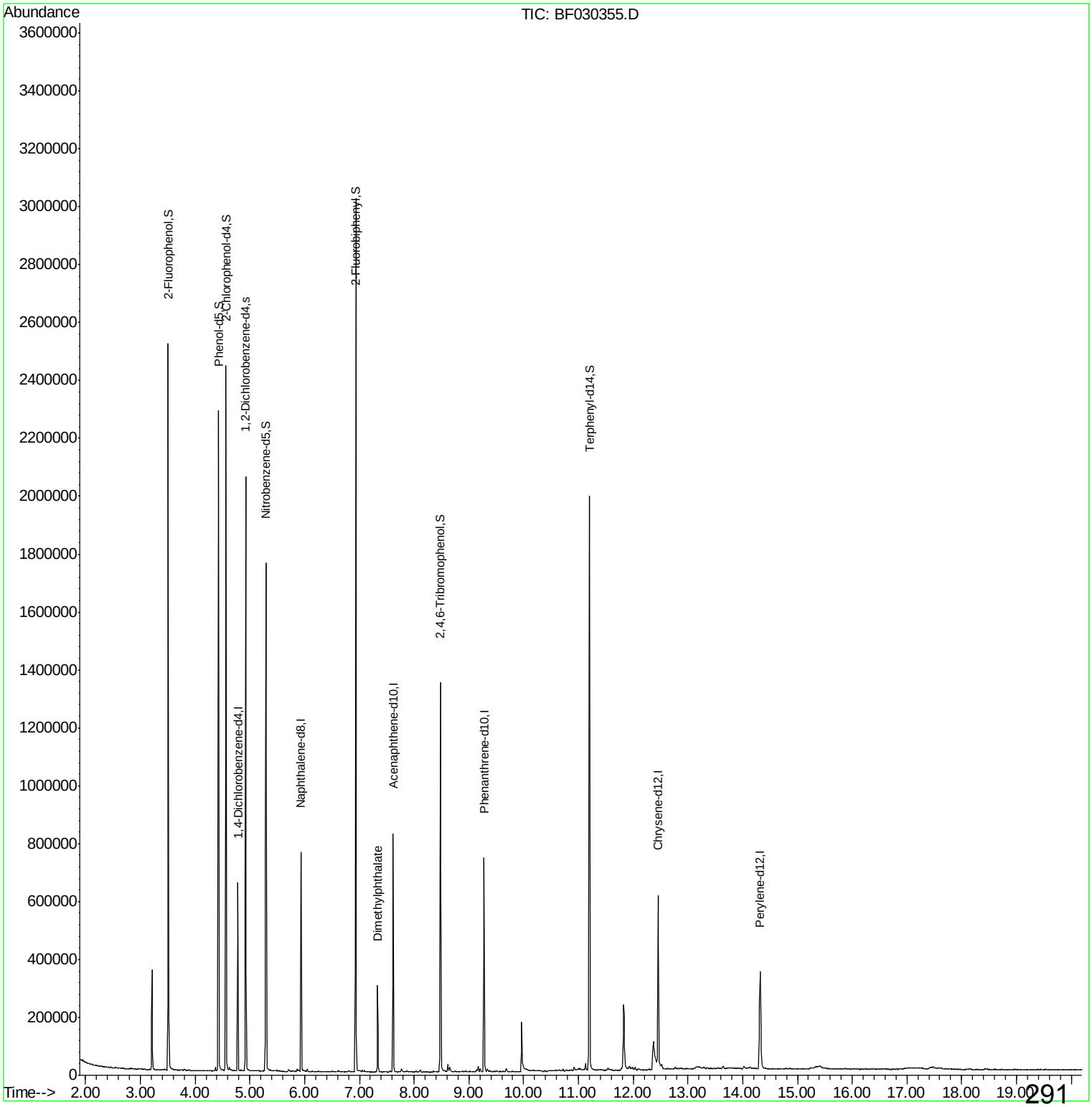
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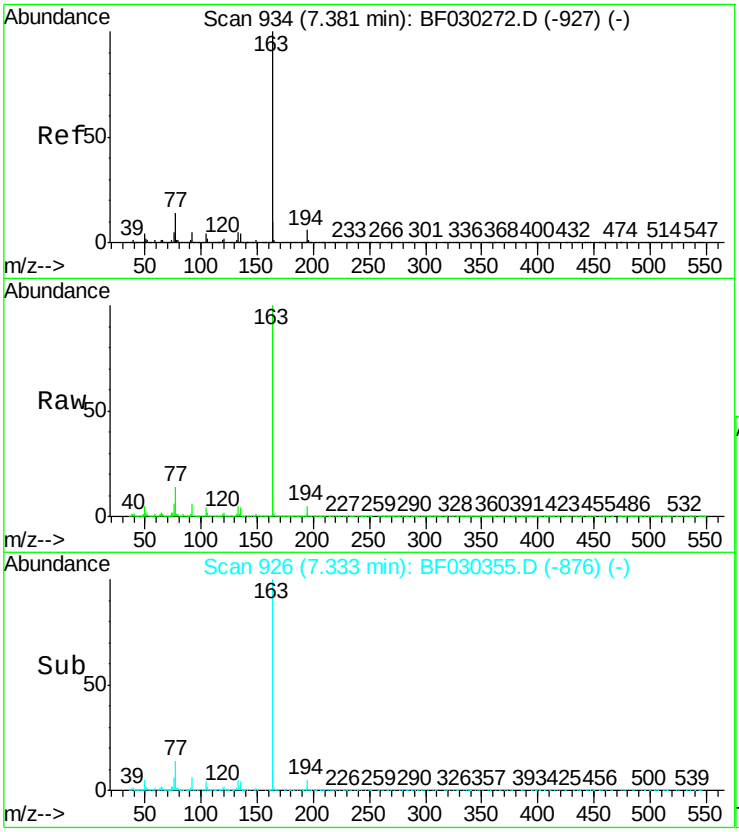
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	480	AB
57-10-3	n-Hexadecanoic acid	9.96	230	J
301-02-0	9-Octadecenamide, (Z)-	11.83	330	J
77899-03-7	1-Heneicosyl formate	12.37	360	J

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 06 23:40:04 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

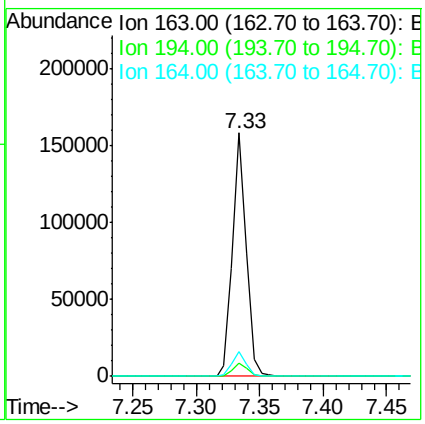




#51
Dimethylphthalate
Concen: 10.53 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030355.D
Acq: 6 Aug 2009 22:08

Tgt Ion:163 Resp: 117138

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.5	6.7
164	10.0	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 06 23:40:04 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	94603	20.00	ng	0.00
23) Naphthalene-d8	5.94	136	347412	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	179562	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	295101	20.00	ng	0.00
77) Chrysene-d12	12.46	240	238574	20.00	ng	0.00
88) Perylene-d12	14.32	264	198083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	724984	136.81	ng	0.00
7) Phenol-d5	4.43	99	899020	136.47	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	690213	138.91	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	340135	104.82	ng	0.00
25) Nitrobenzene-d5	5.29	82	471705	96.37	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	161970	144.83	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	942583	104.81	ng	0.00
80) Terphenyl-d14	11.20	244	797881	110.07	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	117138	10.53	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rBV	343848	297621	12.07%	1.465%
2	3.510	272	276	279	rBV	2510202	2051380	83.21%	10.095%
3	4.428	427	432	435	rBV	2278970	2012954	81.65%	9.906%
4	4.563	451	455	459	rBV	2434123	2130601	86.42%	10.485%
5	4.781	488	492	495	rBV	650299	484928	19.67%	2.386%
6	4.922	513	516	520	rBV	2052145	1776922	72.07%	8.744%
7	5.292	576	579	582	rBV	1750200	1344054	54.52%	6.614%
8	5.934	685	688	692	rBV	755660	634344	25.73%	3.122%
9	6.934	854	858	861	rBV	3016096	2465387	100.00%	12.132%
10	7.333	923	926	929	rBV	298325	223444	9.06%	1.100%
11	7.616	971	974	978	rBV	822680	707160	28.68%	3.480%
12	8.480	1116	1121	1133	rBV	1344109	1294978	52.53%	6.373%
13	9.275	1252	1256	1264	rBV	736900	688061	27.91%	3.386%
14	9.963	1369	1373	1385	rBV2	169722	205752	8.35%	1.013%
15	11.204	1578	1584	1587	rBV	1982524	2272510	92.18%	11.183%
16	11.827	1684	1690	1701	rBV	222489	265005	10.75%	1.304%
17	12.368	1777	1782	1793	rBV2	97753	290638	11.79%	1.430%
18	12.457	1793	1797	1805	rVB	593190	629750	25.54%	3.099%
19	14.321	2107	2114	2124	rBV	334250	545375	22.12%	2.684%

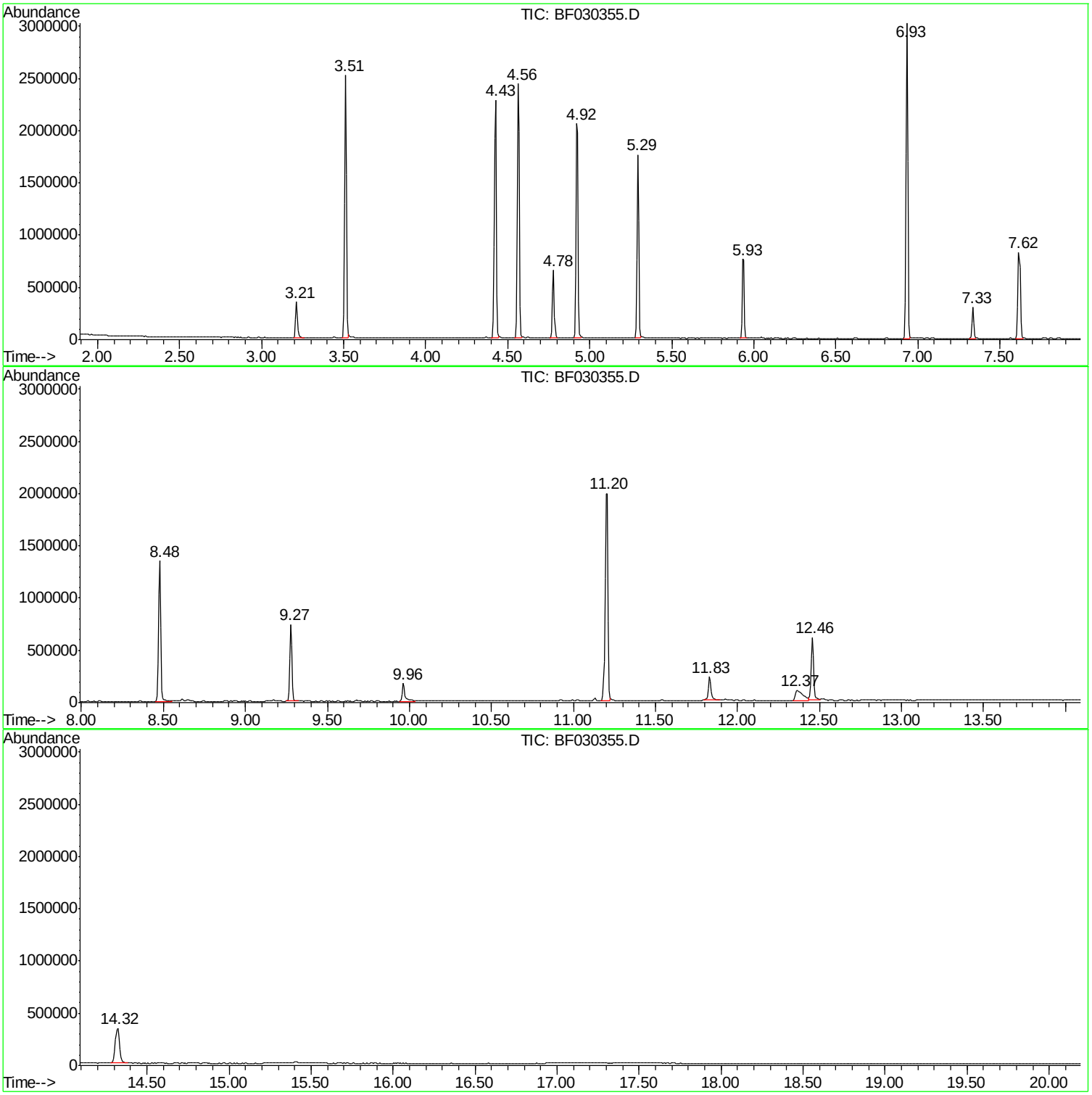
Sum of corrected areas: 20320864

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

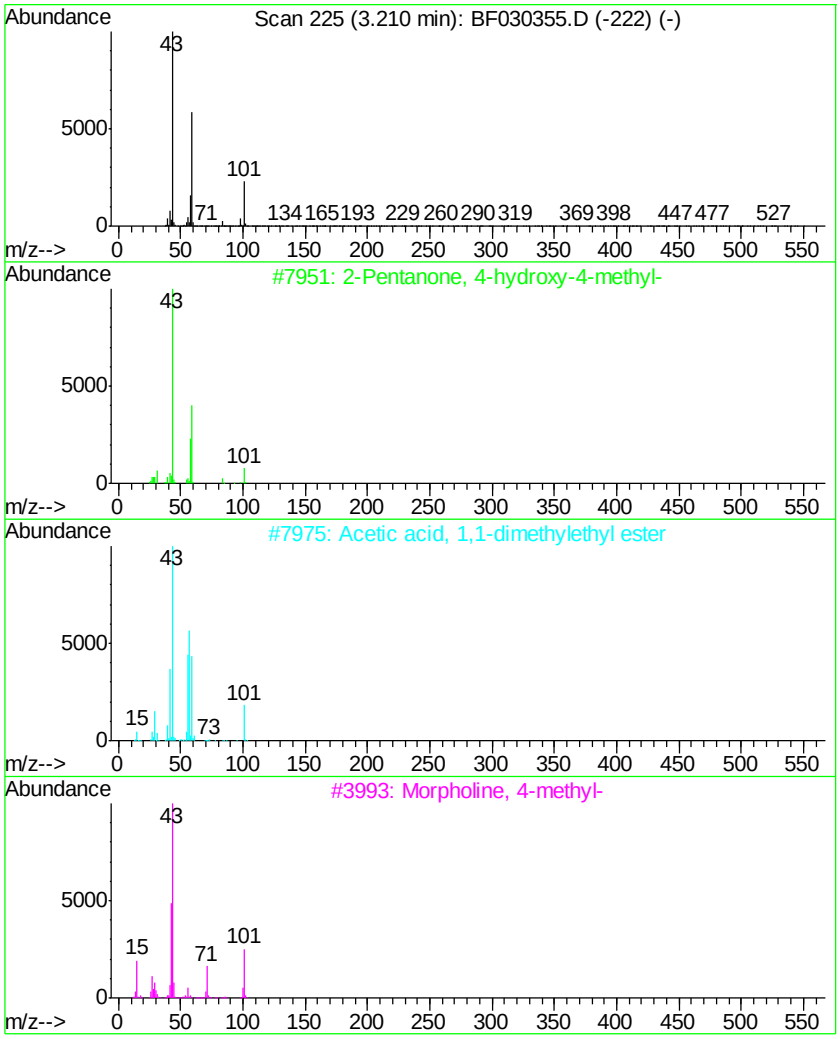
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TIC Integration Parameters: LSCINT.P

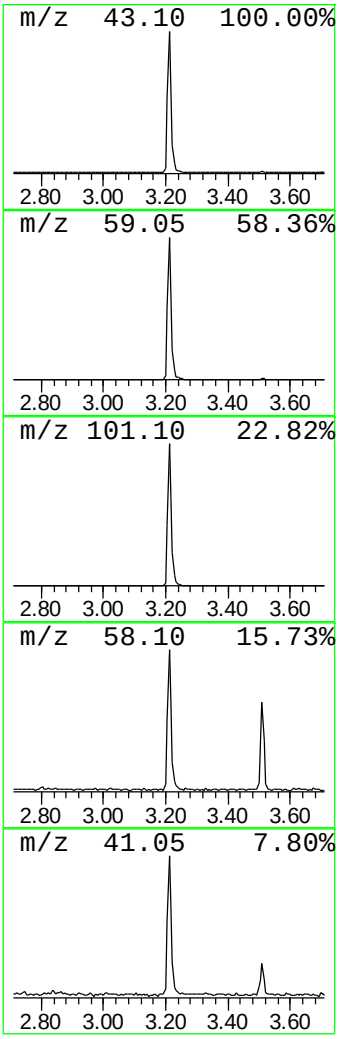
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	12.27 ng	297621	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

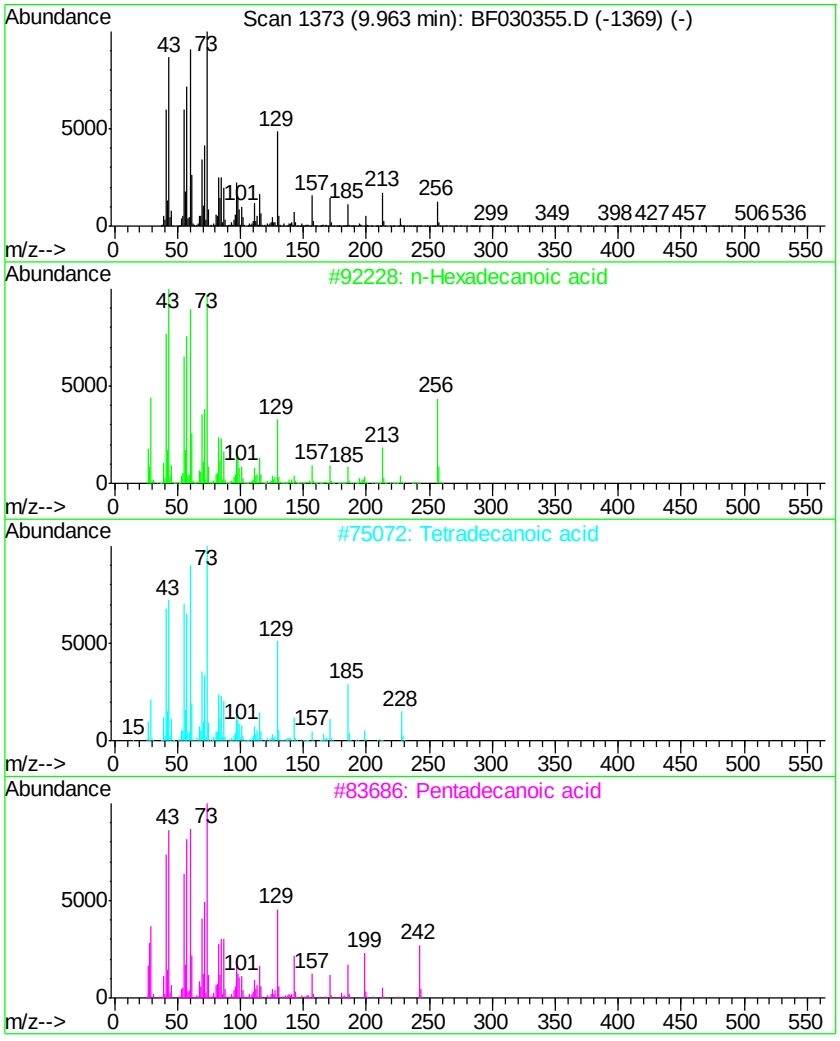
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TIC Integration Parameters: LSCINT.P

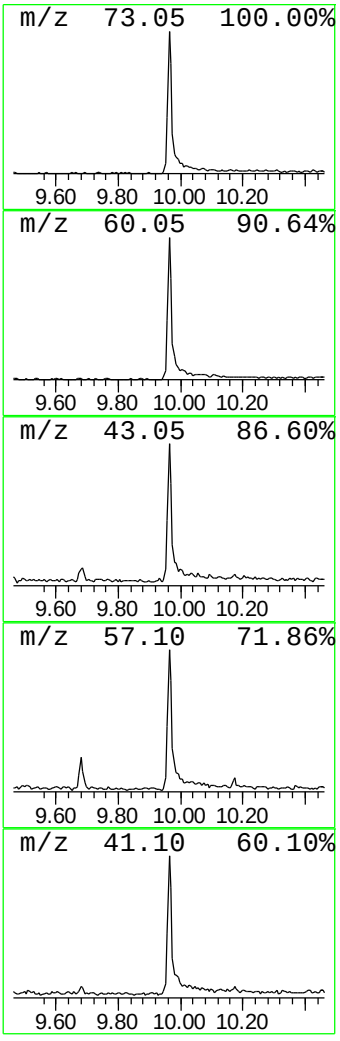
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.98 ng	205752	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

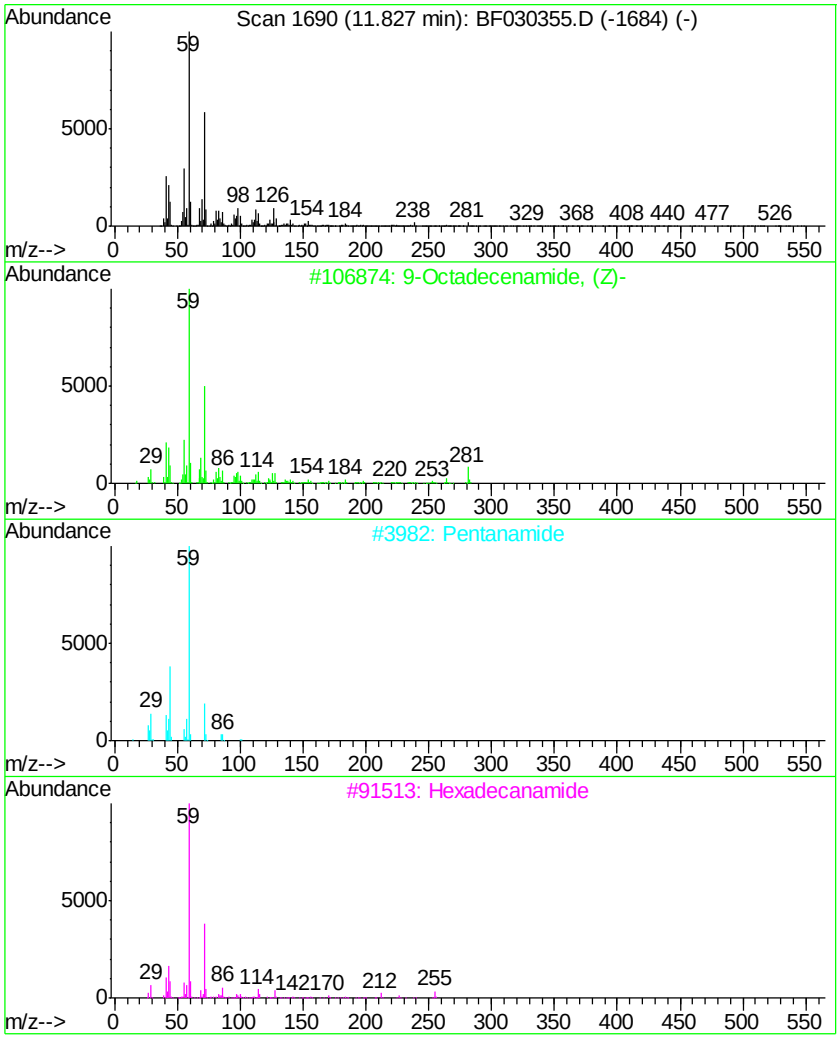
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TIC Integration Parameters: LSCINT.P

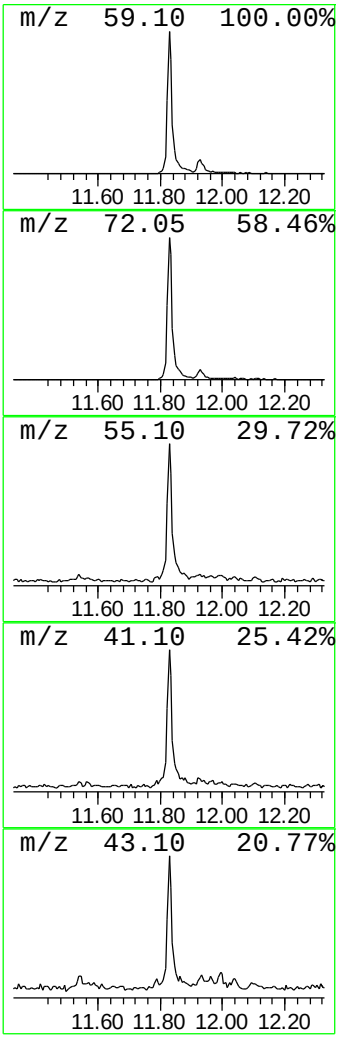
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.42 ng	265005	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Pentanamide	101	C5H11NO	000626-97-1	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	53
4	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	50
5	Octanamide	143	C8H17NO	000629-01-6	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

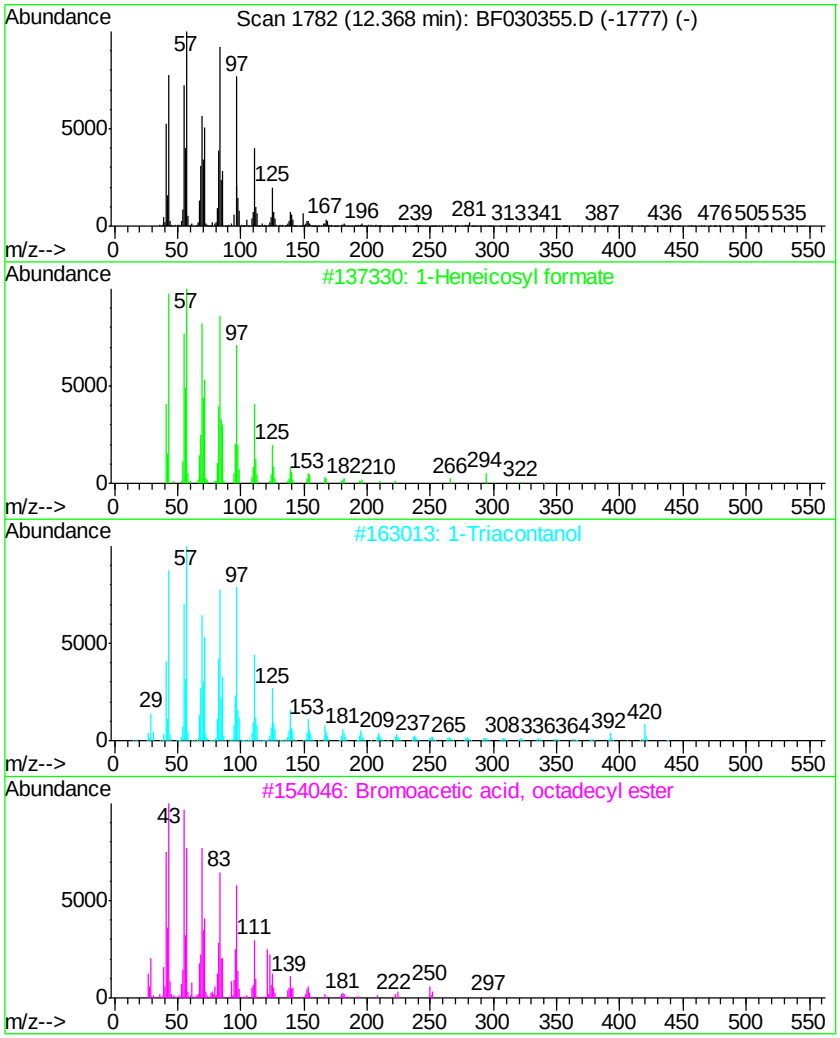
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

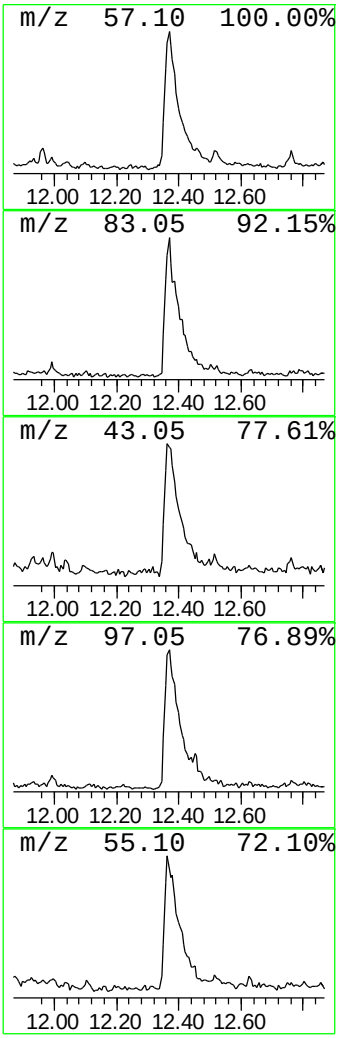
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Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.23 ng	290638	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Triacontanol	438	C30H62O	000593-50-0	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4	1-Docosene	308	C22H44	001599-67-3	87
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030355.D
Acq On : 6 Aug 2009 22:08
Operator : QM
Sample : A3816-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	12.3	ng	297621	1	4.78	484928	20.0
n-Hexadecanoic acid	9.96	6.0	ng	205752	4	9.27	688061	20.0
9-Octadecenamide,...	11.83	8.4	ng	265005	5	12.46	629750	20.0
1-Heneicosyl formate	12.37	9.2	ng	290638	5	12.46	629750	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	220	J
108-95-2	Phenol	40	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	400	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

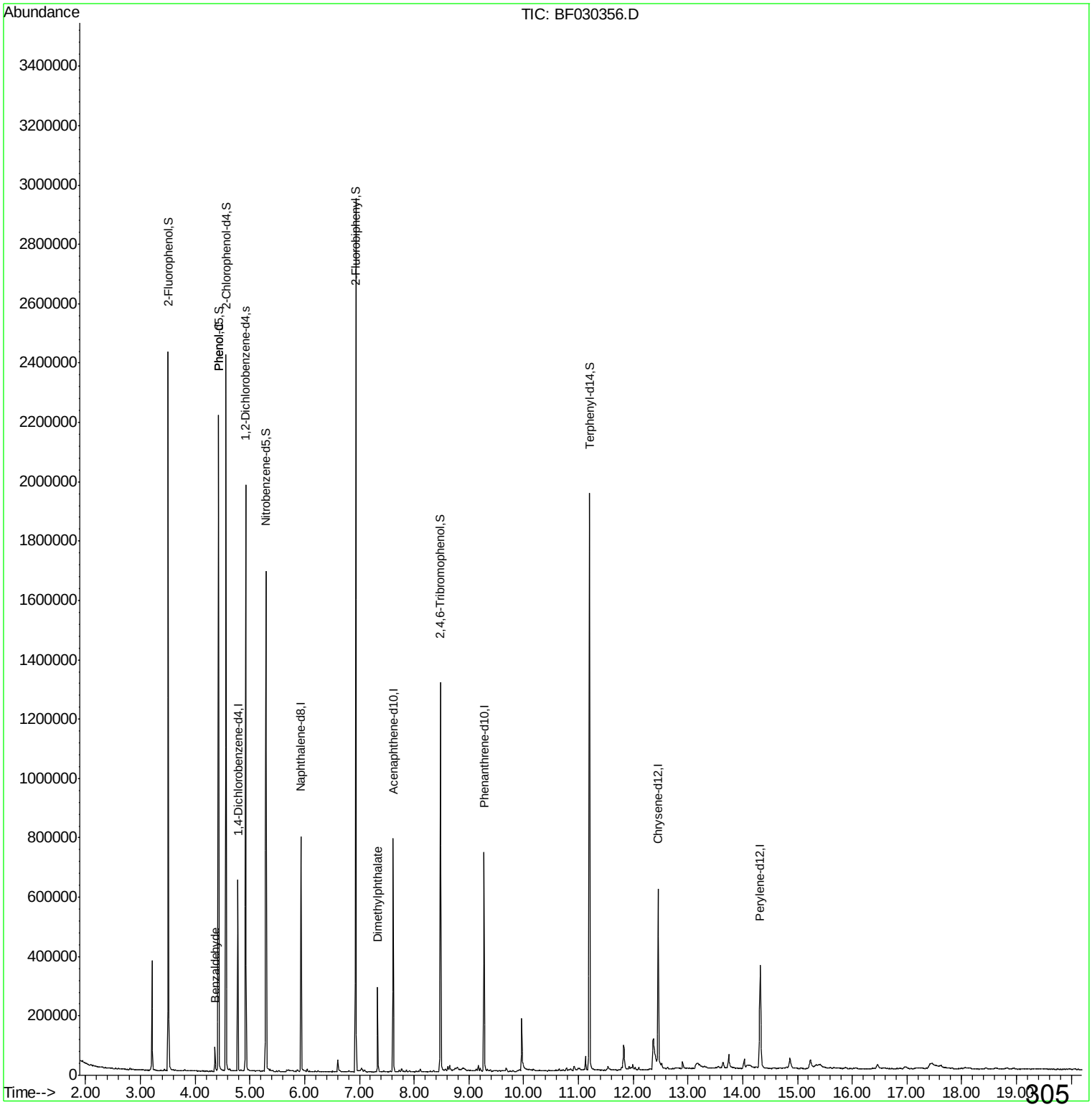
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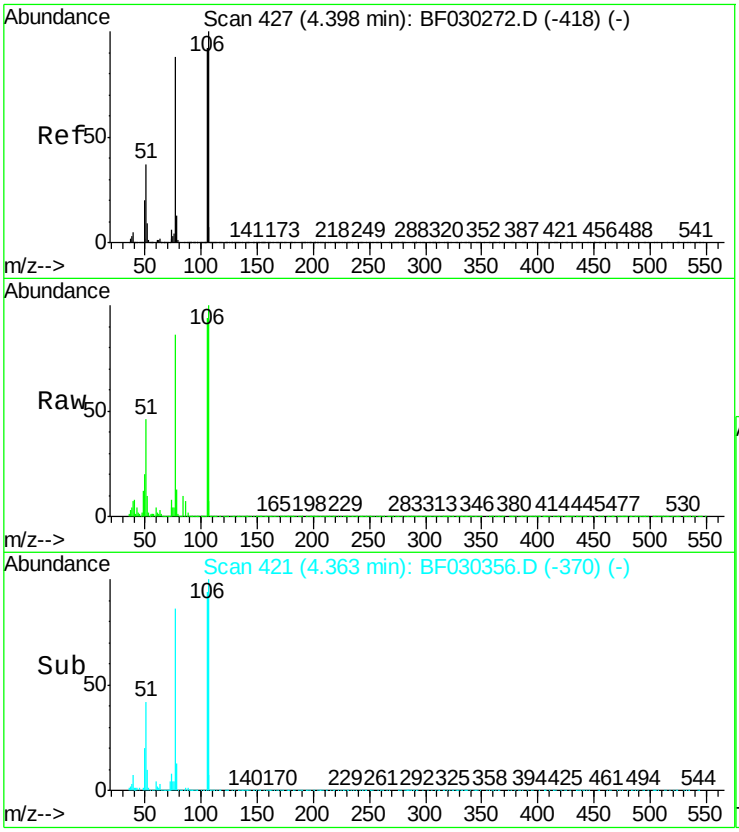
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	520	AB
57-10-3	n-Hexadecanoic acid	9.96	260	J
301-02-0	9-Octadecenamide, (Z)-	11.83	130	J
74685-30-6	5-Eicosene, (E)-	12.37	400	J
7390-81-0	Oxirane, hexadecyl-	13.74	82	J
638-66-4	Octadecanal	14.86	90	J
112-95-8	Eicosane	15.24	97	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 07 11:17:01 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

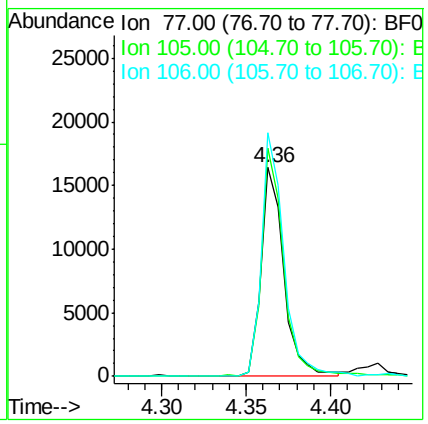


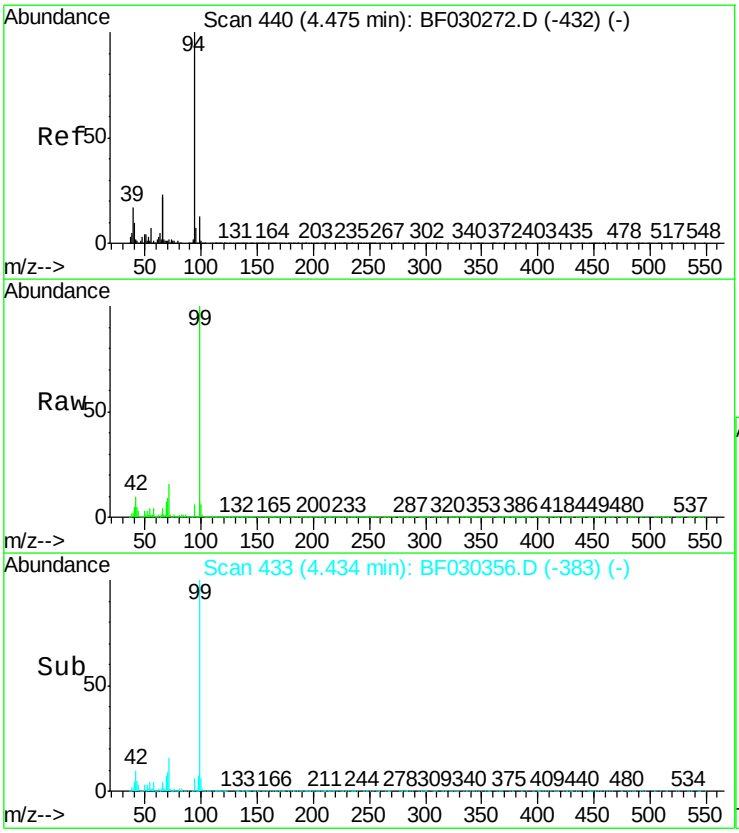


#9
Benzaldehyde
Concen: 5.67 ng
RT: 4.36 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF030356.D
Acq: 6 Aug 2009 22:36

Tgt Ion: 77 Resp: 15428

Ion	Ratio	Lower	Upper
77	100		
105	109.6	92.4	132.4
106	116.7	97.9	137.9

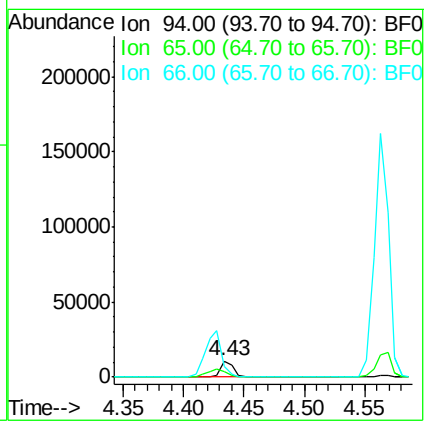


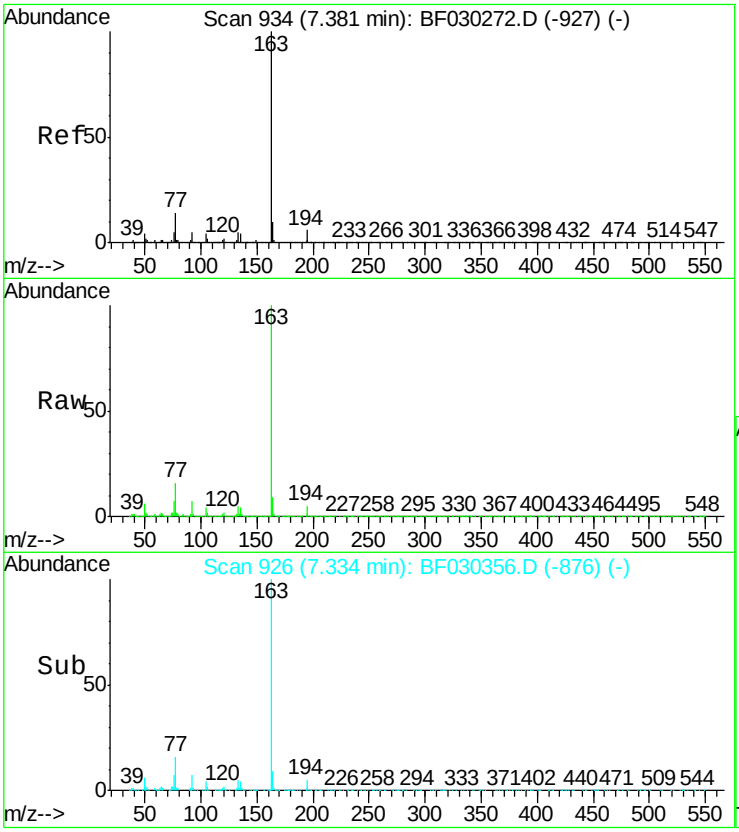


#10
Phenol
Concen: 1.01 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030356.D
Acq: 6 Aug 2009 22:36

Tgt Ion: 94 Resp: 7678

Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.3	47.3
66	65.6	15.5	55.5#

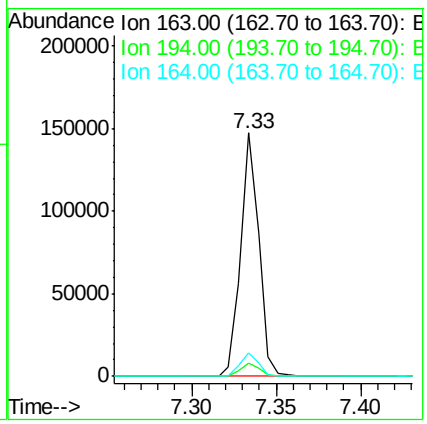




#51
Dimethylphthalate
Concen: 10.01 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030356.D
Acq: 6 Aug 2009 22:36

Tgt Ion:163 Resp: 110175

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.5	6.7
164	9.4	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 07 11:17:01 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	96224	20.00	ng		0.00
23) Naphthalene-d8	5.93	136	349247	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	177672	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	291402	20.00	ng		0.00
77) Chrysene-d12	12.46	240	235536	20.00	ng		0.00
88) Perylene-d12	14.32	264	199233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	699256	129.73	ng		0.00
7) Phenol-d5	4.43	99	874641	130.53	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	673061	133.17	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	329841	99.94	ng		0.00
25) Nitrobenzene-d5	5.29	82	458667	93.21	ng		0.00
43) 2,4,6-Tribromophenol	8.48	330	158374	143.12	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	896569	100.76	ng		0.00
80) Terphenyl-d14	11.20	244	753508	105.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	4.36	77	15428	5.67	ng		98
10) Phenol	4.43	94	7678	1.01	ng	#	66
51) Dimethylphthalate	7.33	163	110175	10.01	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rVB	370655	322746	13.74%	1.600%
2	3.510	272	276	279	rBV	2423171	1981318	84.35%	9.822%
3	4.363	418	421	427	rBV	81417	75117	3.20%	0.372%
4	4.428	427	432	435	rBV	2208755	1964373	83.63%	9.738%
5	4.563	451	455	459	rBV	2414535	2075729	88.37%	10.290%
6	4.781	488	492	495	rBV	644780	489670	20.85%	2.428%
7	4.922	513	516	520	rBV	1969306	1707158	72.68%	8.463%
8	5.293	575	579	582	rBV	1685068	1308961	55.72%	6.489%
9	5.934	685	688	692	rBV	791502	636832	27.11%	3.157%
10	6.604	799	802	813	rBV	41931	51044	2.17%	0.253%
11	6.934	854	858	861	rBV	2943590	2349005	100.00%	11.645%
12	7.334	923	926	929	rBV	287093	214115	9.12%	1.061%
13	7.616	971	974	978	rBV	783058	700605	29.83%	3.473%
14	8.481	1114	1121	1129	rBV	1312545	1268872	54.02%	6.290%
15	9.275	1252	1256	1260	rBV	736470	680246	28.96%	3.372%
16	9.963	1369	1373	1386	rBV2	177561	226956	9.66%	1.125%
17	11.133	1569	1572	1578	rVB	46031	39497	1.68%	0.196%
18	11.204	1578	1584	1587	rBV	1943659	2146836	91.39%	10.643%
19	11.827	1685	1690	1699	rVB	79510	102804	4.38%	0.510%
20	12.369	1777	1782	1793	rBV3	104608	311024	13.24%	1.542%
21	12.457	1793	1797	1805	rVB	596727	618921	26.35%	3.068%
22	12.904	1870	1873	1879	rBV2	23617	28580	1.22%	0.142%
23	13.745	2012	2016	2022	rBV2	42856	57654	2.45%	0.286%
24	14.027	2058	2064	2069	rBV	31698	54589	2.32%	0.271%
25	14.321	2107	2114	2134	rVB	346709	555850	23.66%	2.756%
26	14.862	2201	2206	2215	rVB3	31977	63186	2.69%	0.313%
27	15.239	2263	2270	2276	rBV3	28466	68154	2.90%	0.338%
28	16.462	2469	2478	2487	rBV3	13796	38524	1.64%	0.191%
29	17.433	2634	2643	2644	rBV8	15096	33334	1.42%	0.165%

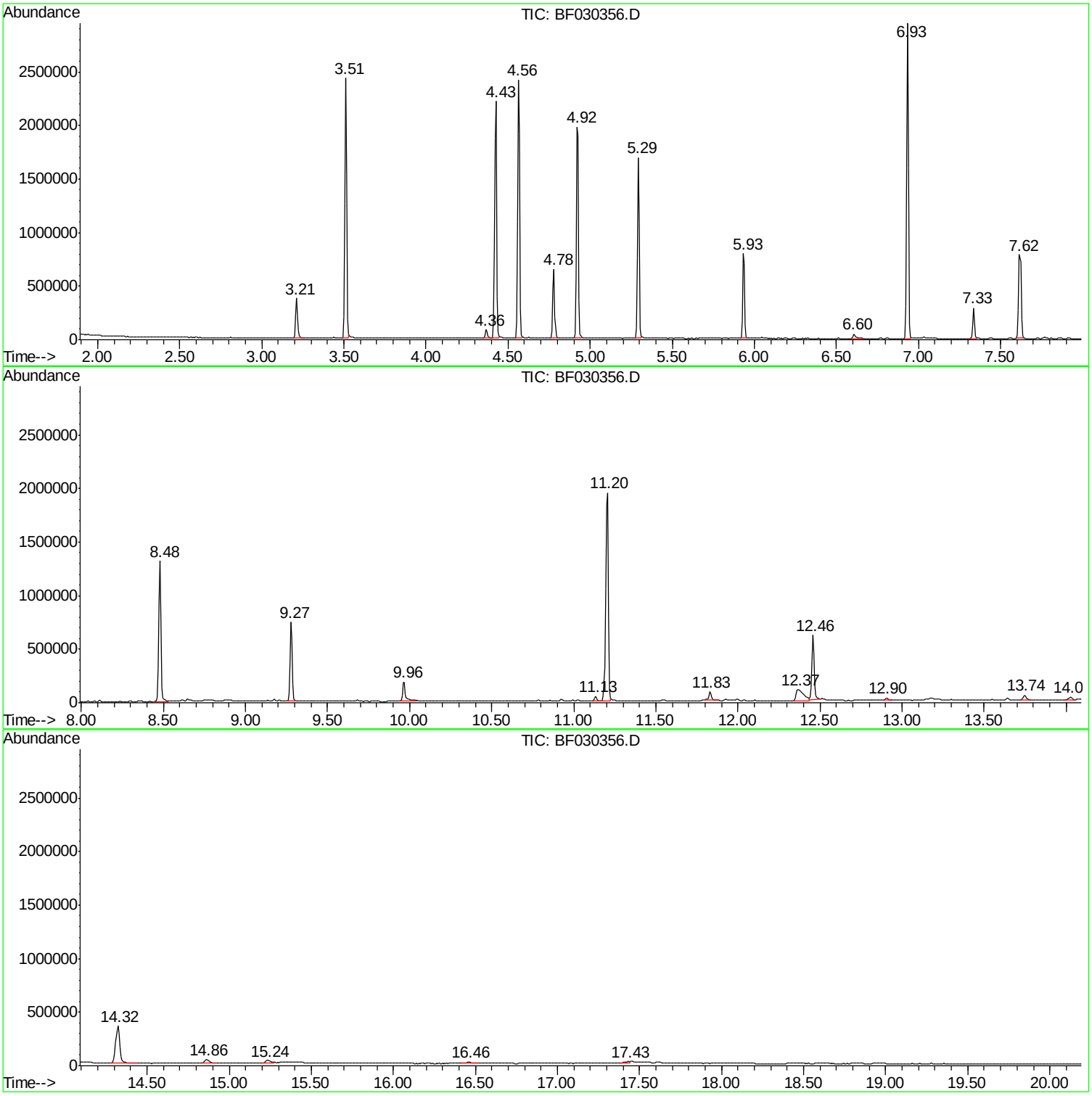
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LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

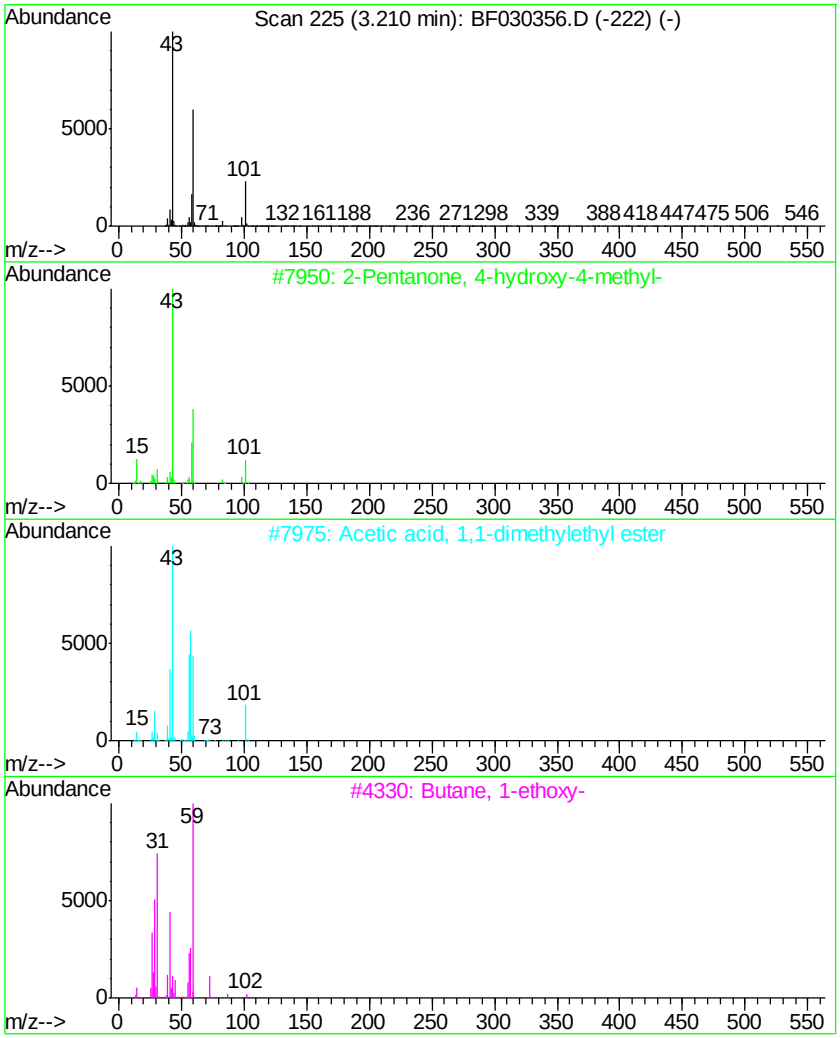
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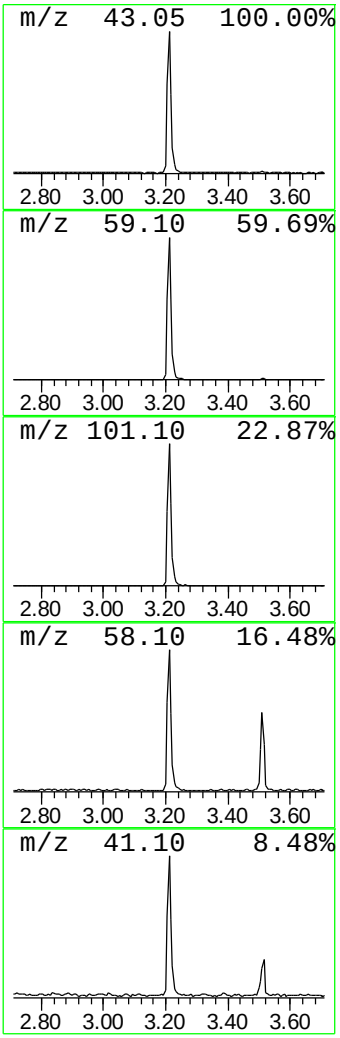
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	13.18 ng	322746	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

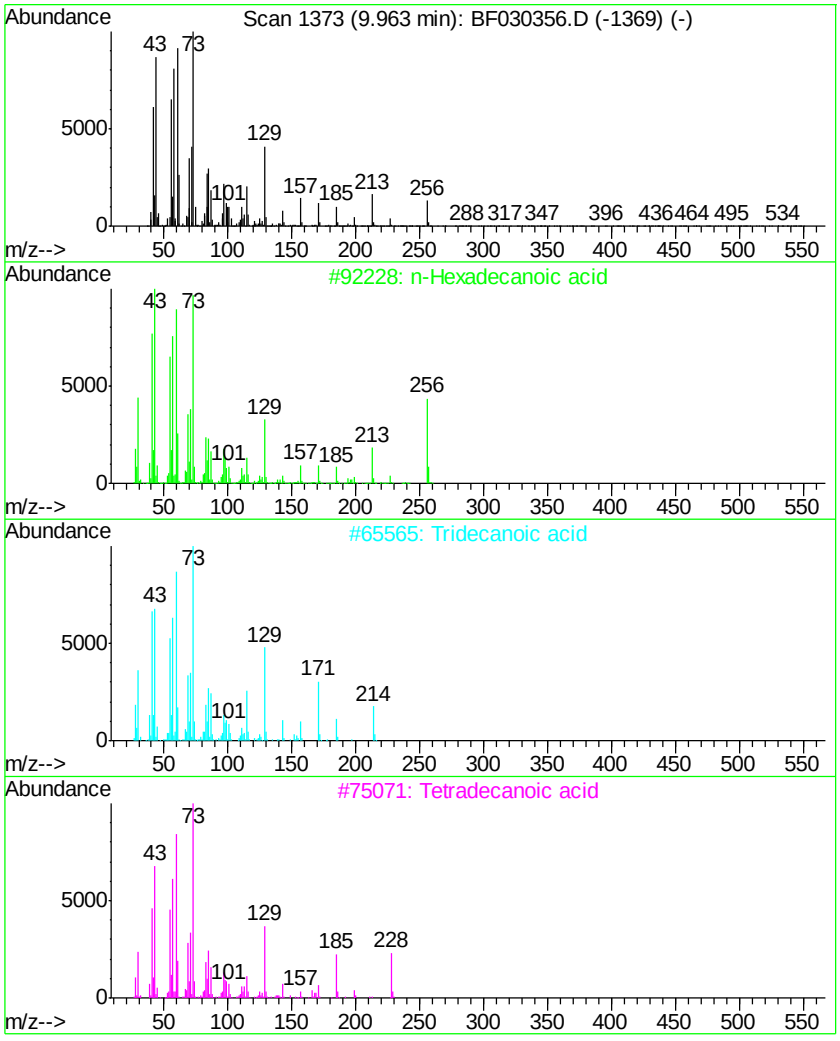
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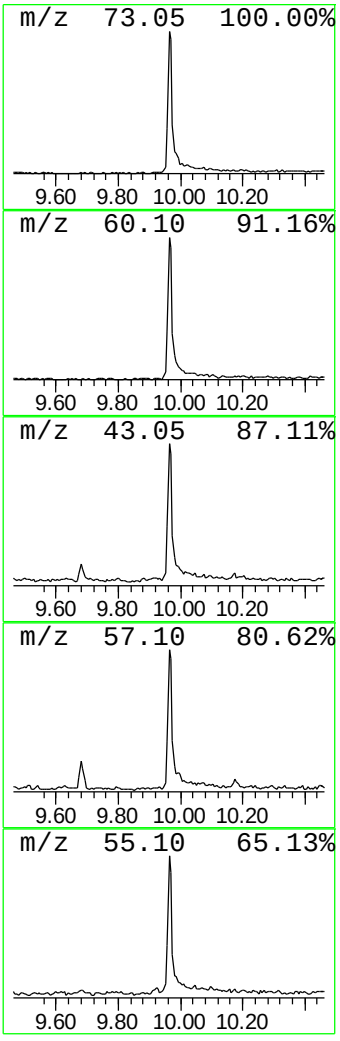
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.67 ng	226956	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

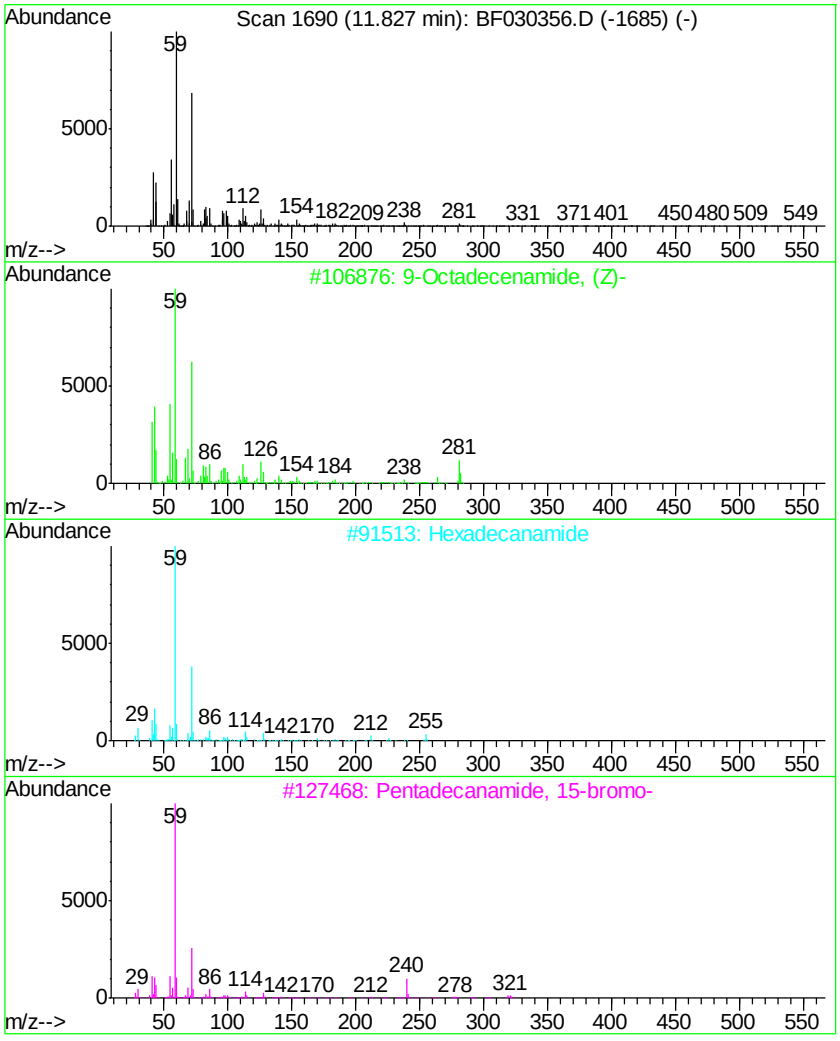
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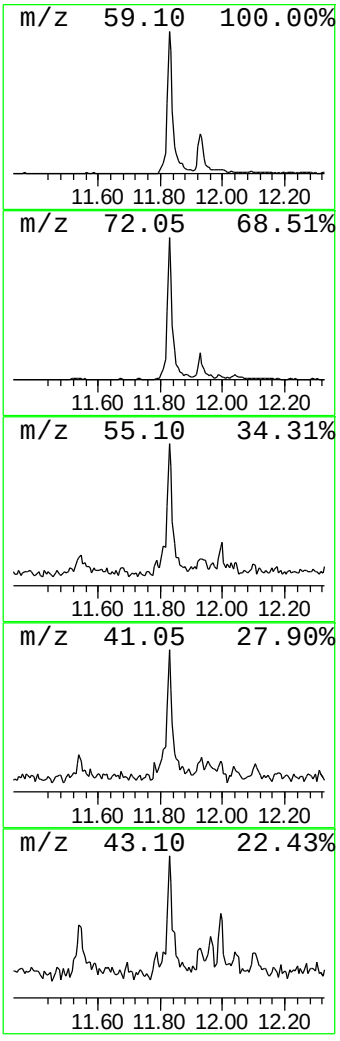
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.32 ng	102804	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4	Tetradecanamide	227	C14H29NO	000638-58-4	64
5	Nonanamide	157	C9H19NO	001120-07-6	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

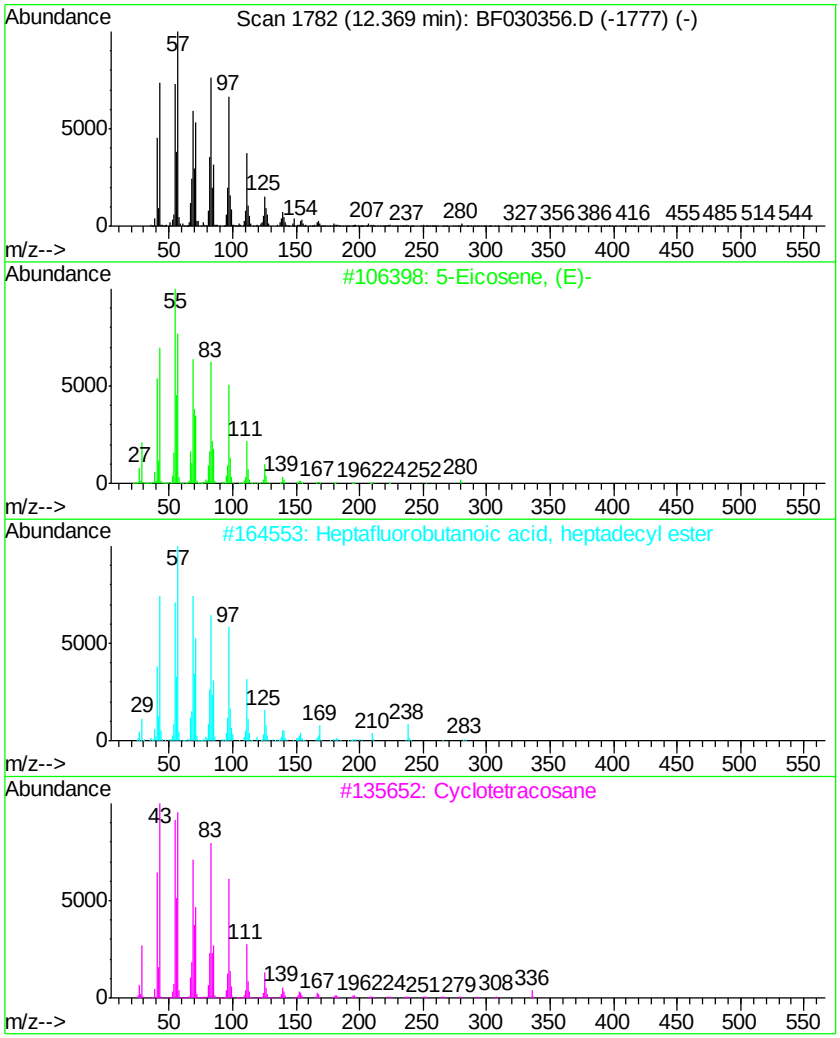
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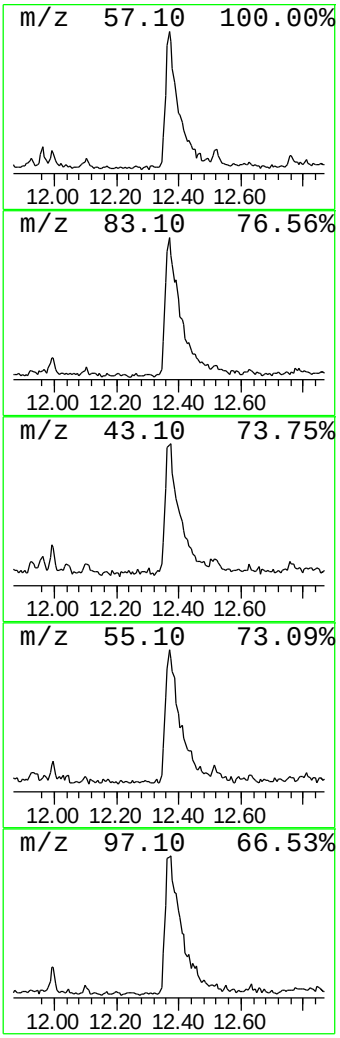
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Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.05 ng	311024	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Docosanol	326	C22H46O	000661-19-8	91
5	1-Tricosene	322	C23H46	018835-32-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

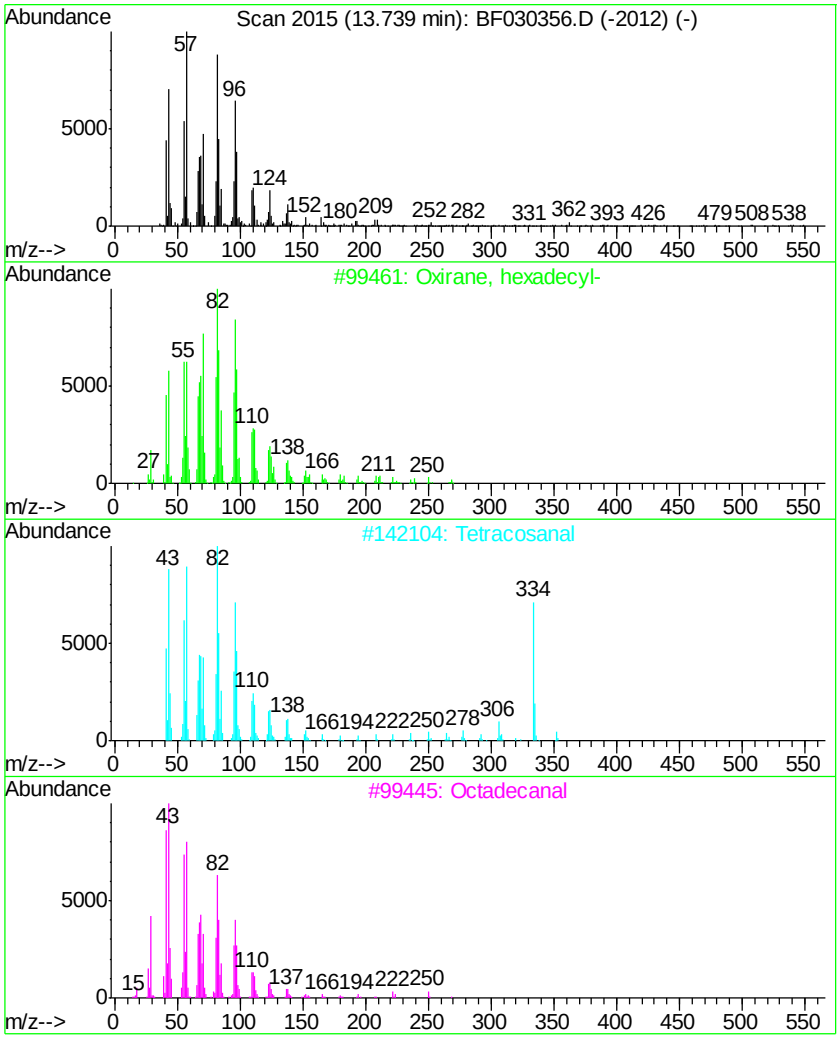
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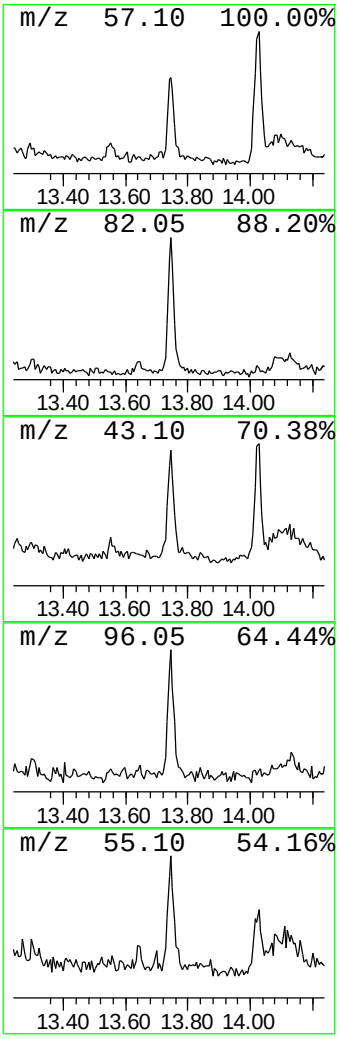
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Peak Number 5 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.07 ng	57654	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2	Tetracosanal	352	C24H48O	057866-08-7	83
3	Octadecanal	268	C18H36O	000638-66-4	74
4	Oleyl Alcohol	268	C18H36O	000143-28-2	70
5	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

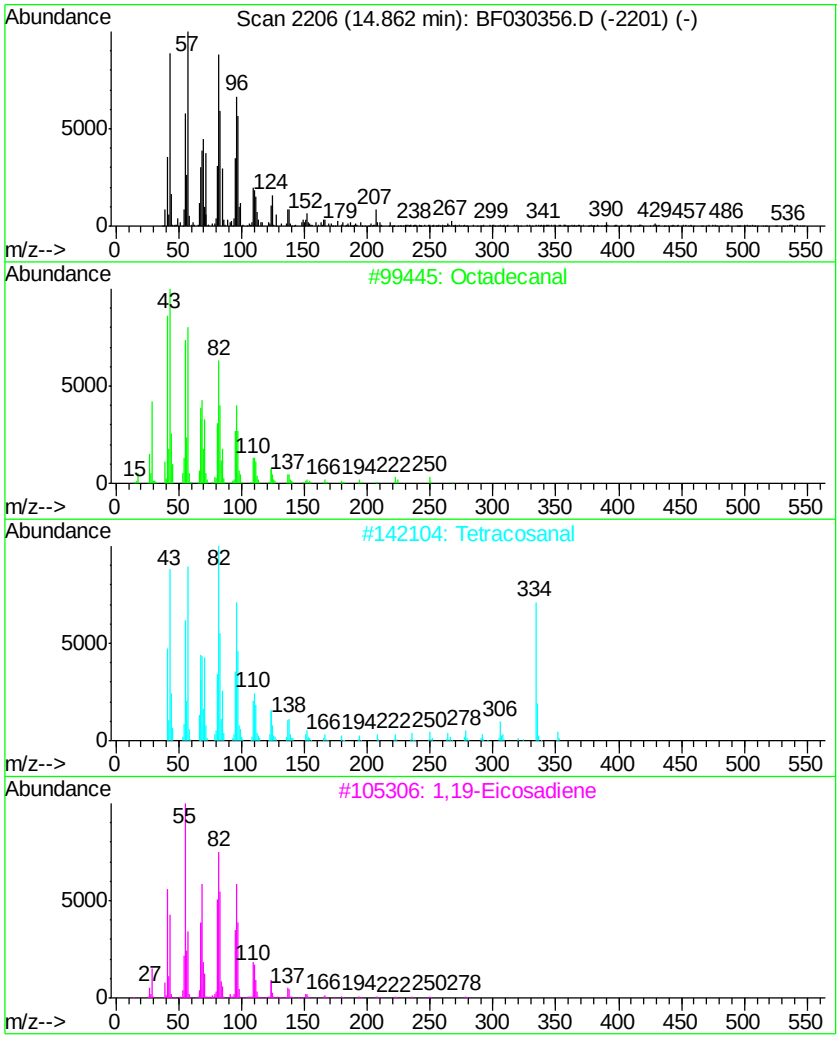
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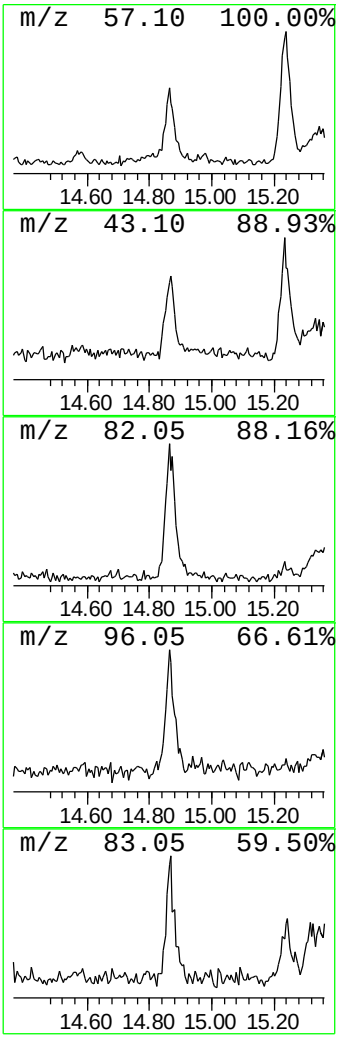
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Peak Number 6 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.27 ng	63186	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Tetracosanal	352	C24H48O	057866-08-7	87
3	1,19-Eicosadiene	278	C20H38	014811-95-1	83
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	80
5	Oleyl Alcohol	268	C18H36O	000143-28-2	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

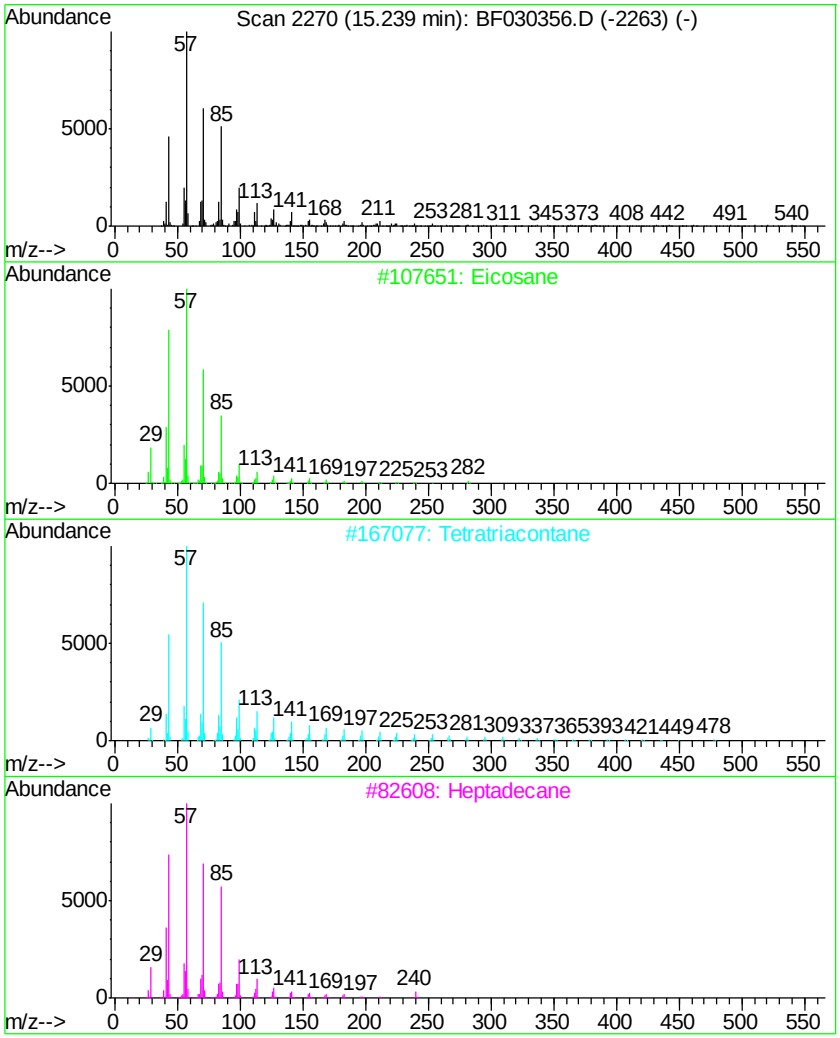
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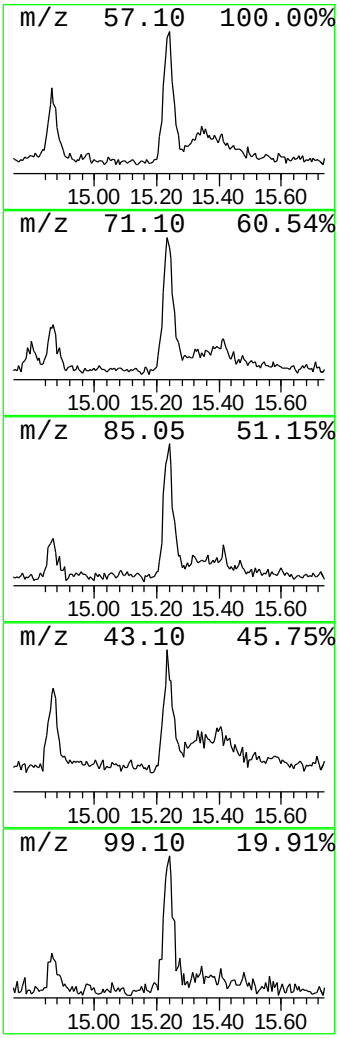
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Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.45 ng	68154	Perylene-d12	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratriacontane	479	C34H70	014167-59-0	93
3	Heptadecane	240	C17H36	000629-78-7	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030356.D
Acq On : 6 Aug 2009 22:36
Operator : QM
Sample : A3816-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	13.2	ng	322746	1	4.78	489670	20.0
n-Hexadecanoic acid	9.96	6.7	ng	226956	4	9.27	680246	20.0
9-Octadecenamide,...	11.83	3.3	ng	102804	5	12.46	618921	20.0
5-Eicosene, (E)-	12.37	10.1	ng	311024	5	12.46	618921	20.0
Oxirane, hexadecyl-	13.74	2.1	ng	57654	6	14.32	555850	20.0
Octadecanal	14.86	2.3	ng	63186	6	14.32	555850	20.0
Eicosane	15.24	2.5	ng	68154	6	14.32	555850	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	470	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

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Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

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Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

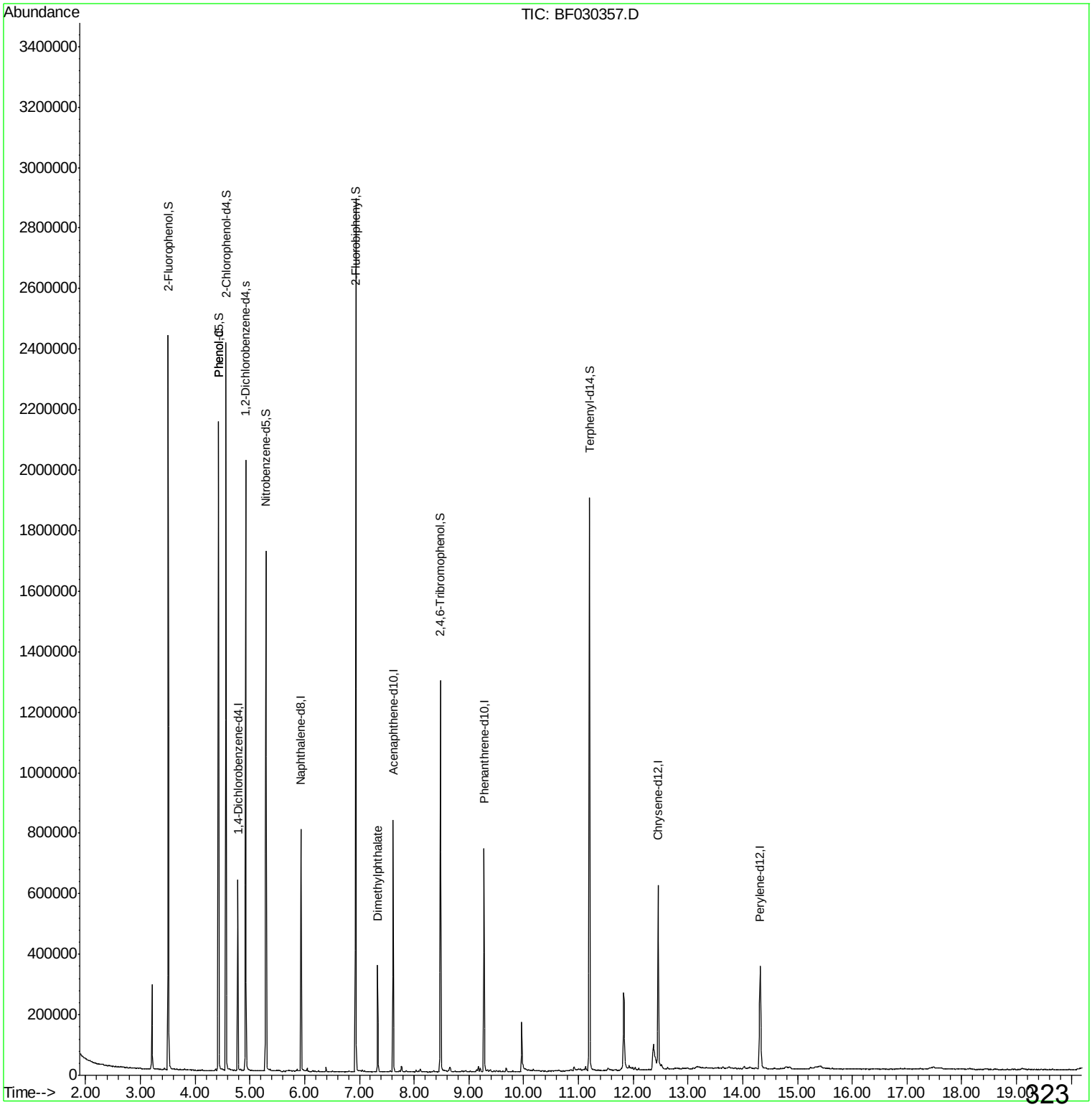
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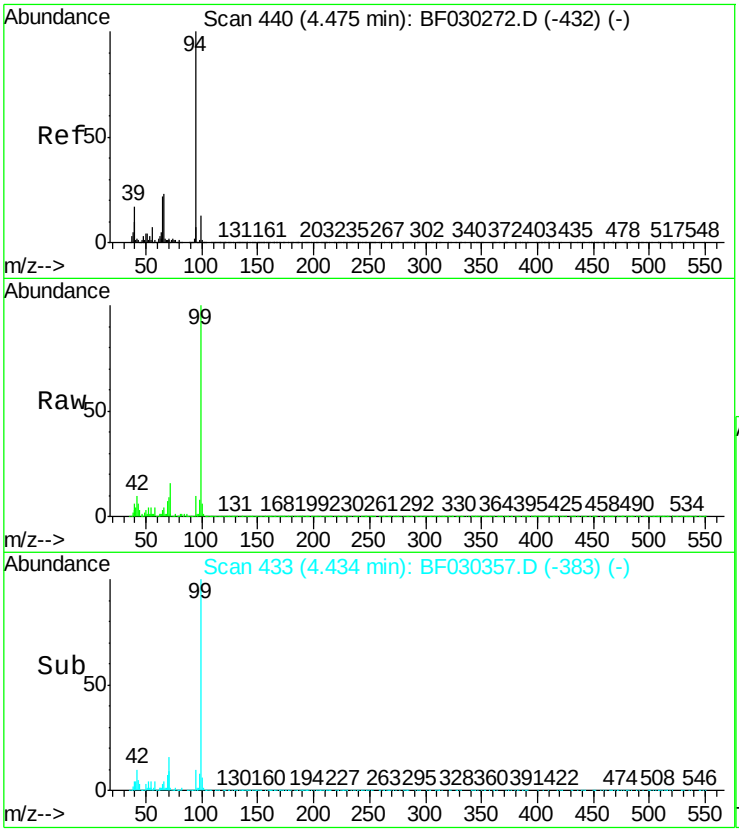
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	390	AB
57-10-3	n-Hexadecanoic acid	9.96	240	J
301-02-0	9-Octadecenamide, (Z)-	11.83	390	J
74685-30-6	5-Eicosene, (E)-	12.37	340	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 06 23:49:17 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

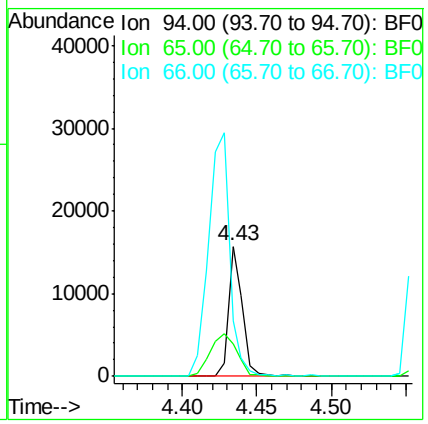


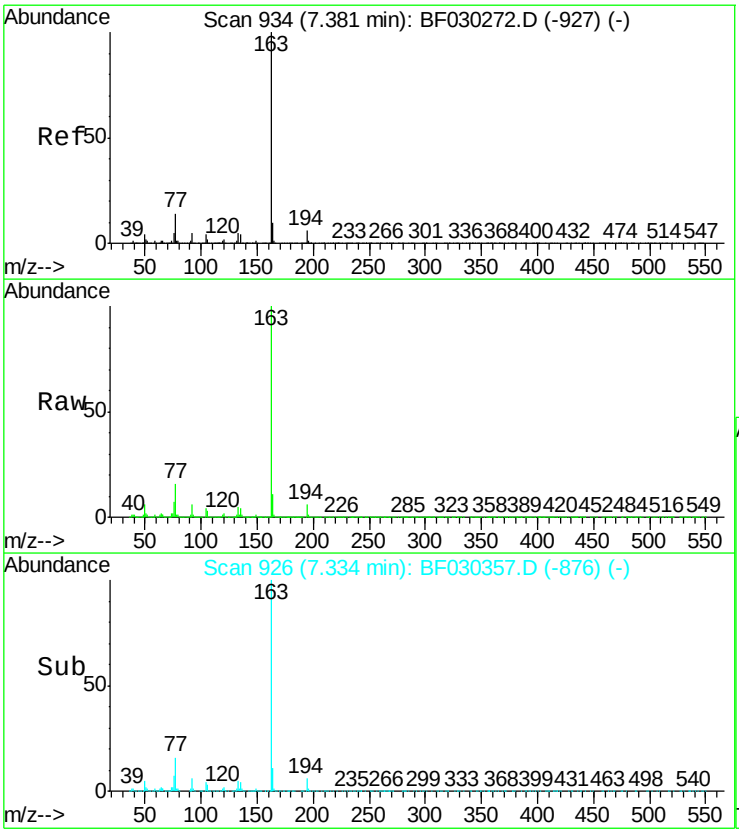


#10
Phenol
Concen: 1.38 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF030357.D
Acq: 6 Aug 2009 23:03

Tgt Ion: 94 Resp: 10368

Ion	Ratio	Lower	Upper
94	100		
65	24.5	7.3	47.3
66	42.5	15.5	55.5

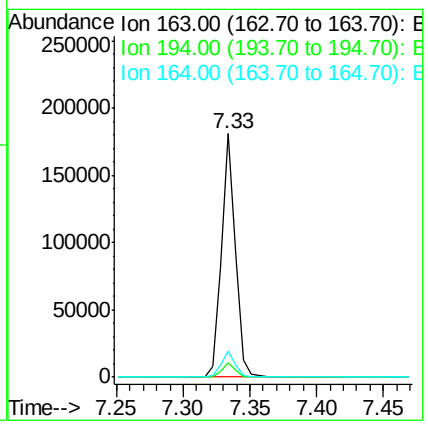




#51
Dimethylphthalate
Concen: 12.12 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030357.D
Acq: 6 Aug 2009 23:03

Tgt Ion:163 Resp: 133981

Ion	Ratio	Lower	Upper
163	100		
194	6.1	4.5	6.7
164	10.6	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 06 23:49:17 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	94746	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	347943	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	178532	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	290073	20.00	ng	0.00
77) Chrysene-d12	12.46	240	235788	20.00	ng	0.00
88) Perylene-d12	14.32	264	200632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	690937	130.19	ng	0.00
7) Phenol-d5	4.43	99	871734	132.13	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	670657	134.77	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	326009	100.32	ng	0.00
25) Nitrobenzene-d5	5.29	82	451399	92.08	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	159844	143.76	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	890252	99.57	ng	0.00
80) Terphenyl-d14	11.20	244	736382	102.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	4.43	94	10368	1.38	ng	91
51) Dimethylphthalate	7.33	163	133981	12.12	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	231	rVB	278963	245471	10.55%	1.254%
2	3.510	272	276	279	rBV	2426776	1949750	83.81%	9.961%
3	4.428	427	432	435	rBV	2143460	1957772	84.15%	10.002%
4	4.563	451	455	459	rBV	2406702	2056037	88.38%	10.504%
5	4.781	488	492	495	rBV	630558	487389	20.95%	2.490%
6	4.922	513	516	520	rBV	2016692	1693570	72.80%	8.652%
7	5.293	576	579	582	rBV	1716273	1286759	55.31%	6.574%
8	5.934	685	688	692	rBV	798474	632774	27.20%	3.233%
9	6.934	854	858	861	rBV	2886505	2326390	100.00%	11.885%
10	7.334	923	926	929	rBV	350565	257796	11.08%	1.317%
11	7.616	971	974	978	rBV	831464	698570	30.03%	3.569%
12	8.481	1116	1121	1129	rBV	1291274	1246965	53.60%	6.371%
13	9.275	1252	1256	1265	rBV	737775	681221	29.28%	3.480%
14	9.963	1369	1373	1389	rBV2	162449	209395	9.00%	1.070%
15	11.204	1578	1584	1587	rBV	1893144	2109184	90.66%	10.776%
16	11.827	1684	1690	1702	rBV	252002	305941	13.15%	1.563%
17	12.369	1776	1782	1793	rBV3	84999	264164	11.36%	1.350%
18	12.457	1793	1797	1805	rVB	599937	614755	26.43%	3.141%
19	14.321	2107	2114	2127	rBV	337772	549800	23.63%	2.809%

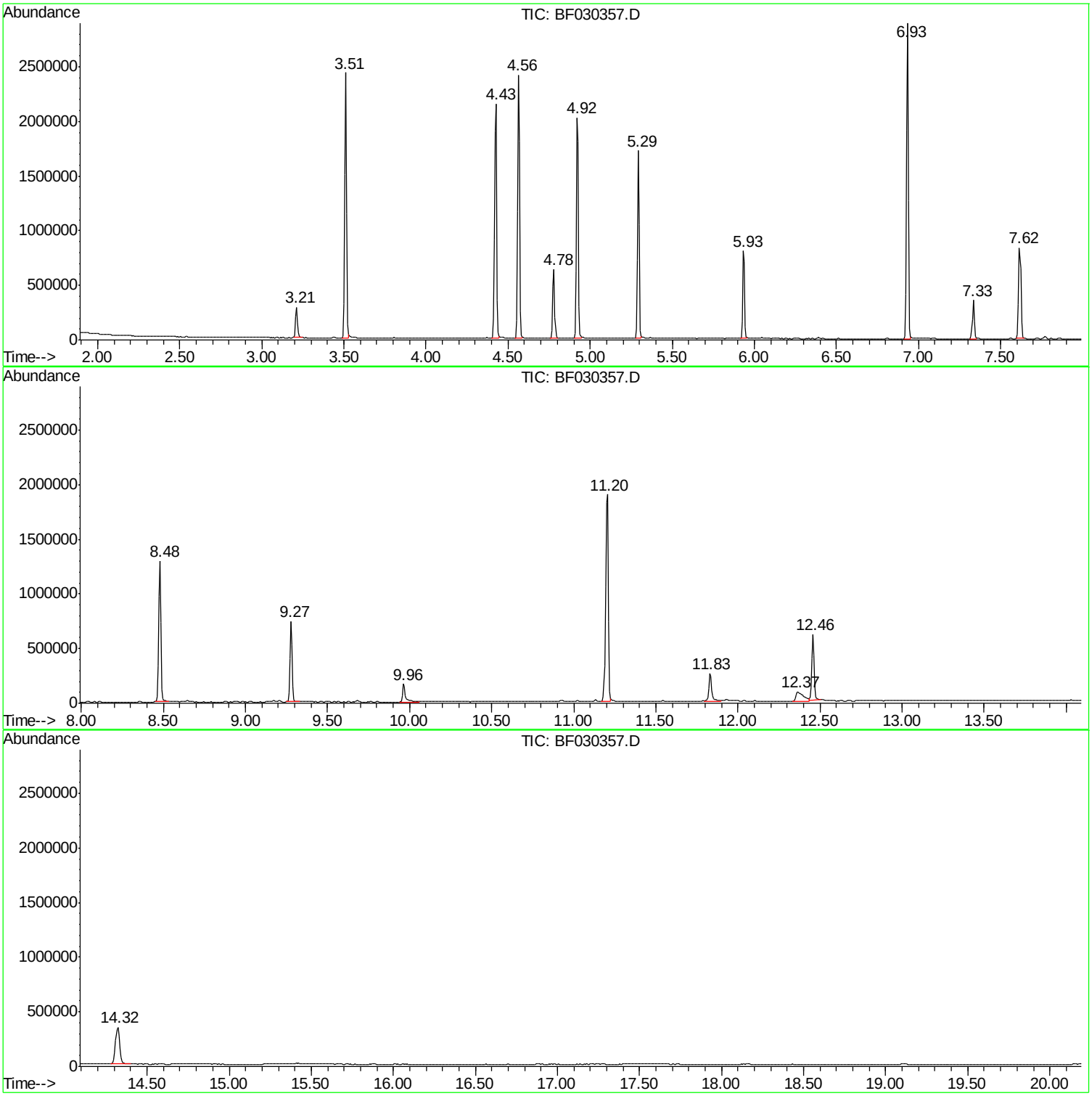
Sum of corrected areas: 19573703

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

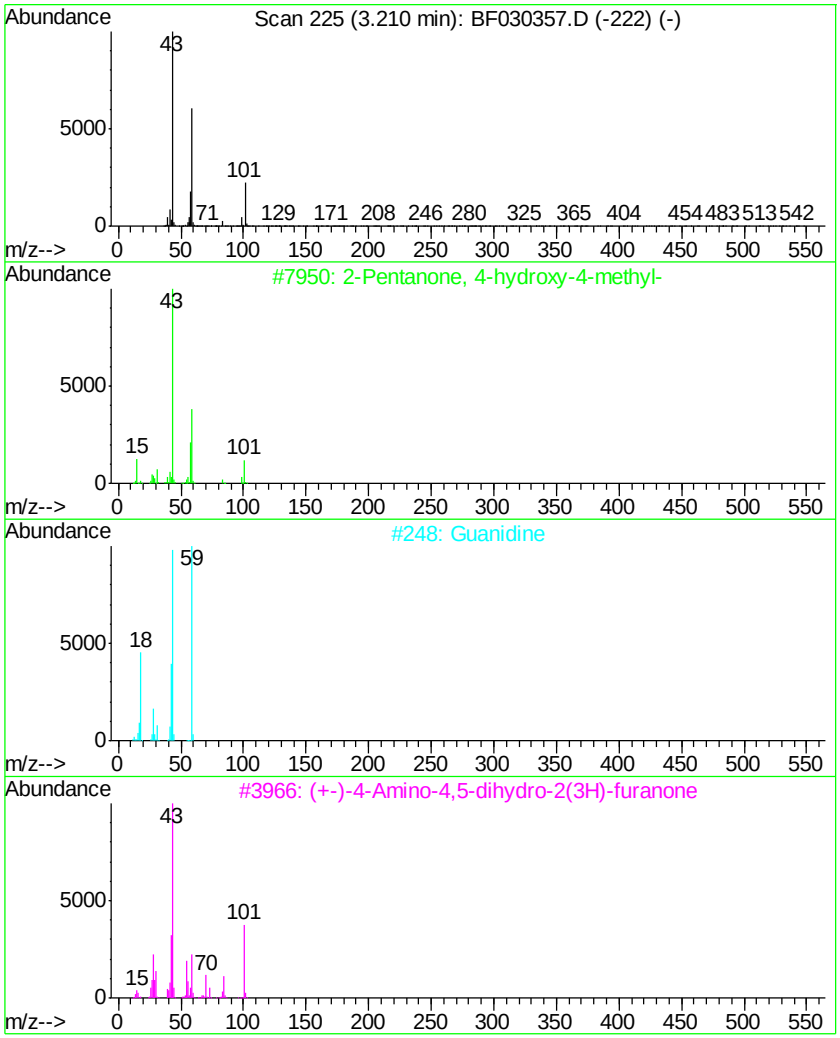
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TIC Integration Parameters: LSCINT.P

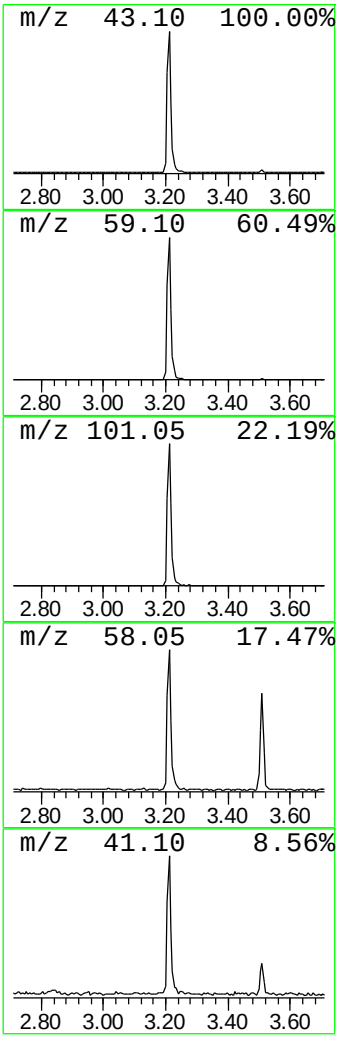
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.07 ng	245471	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

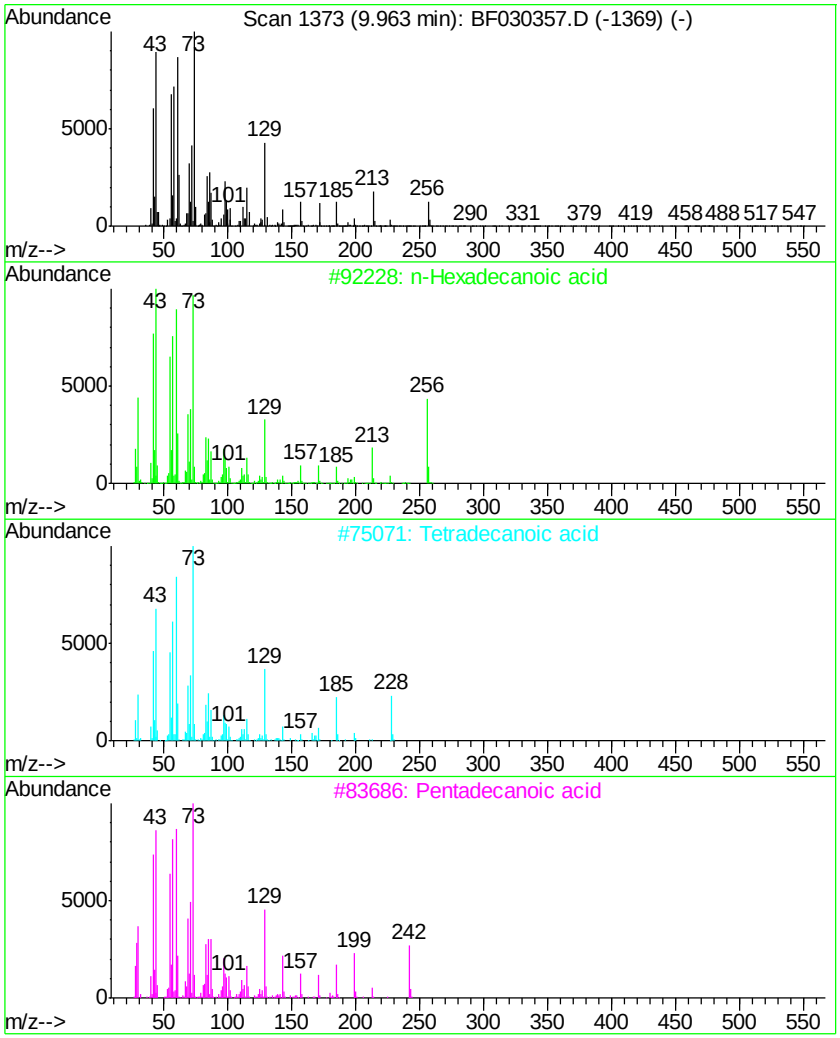
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

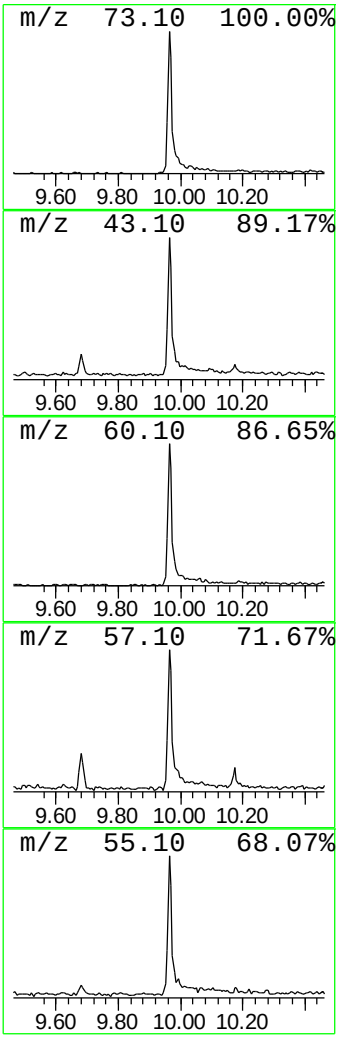
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.15 ng	209395	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

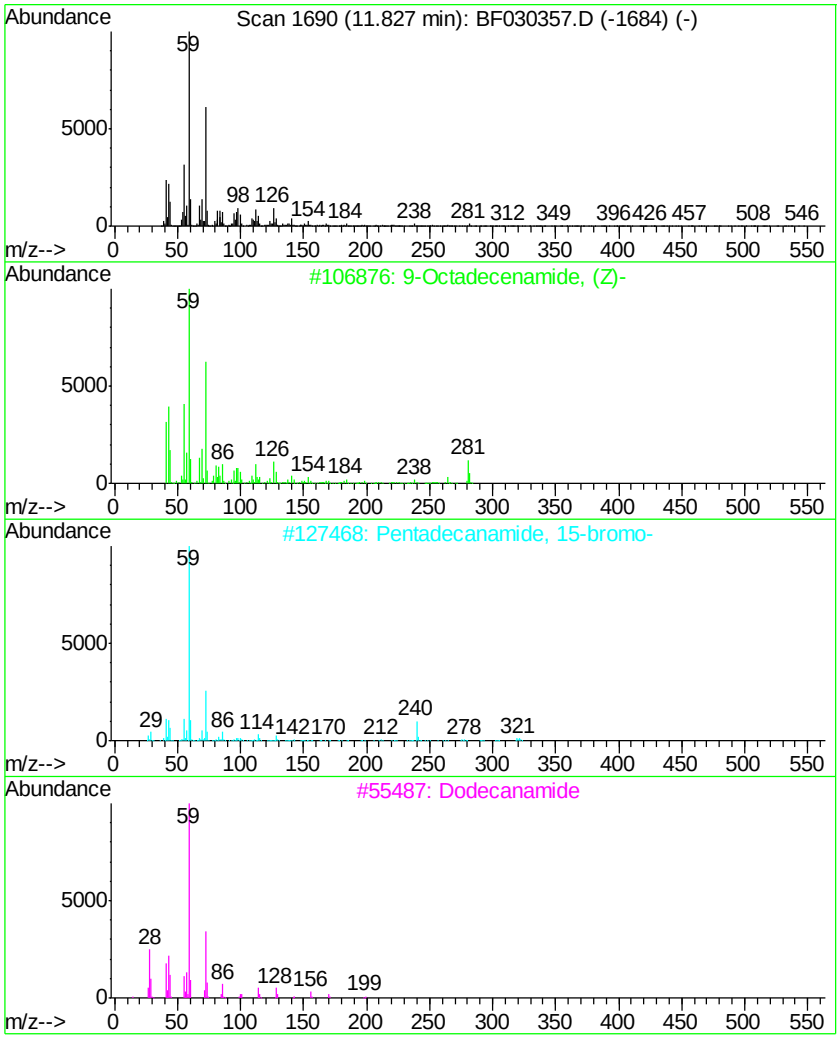
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

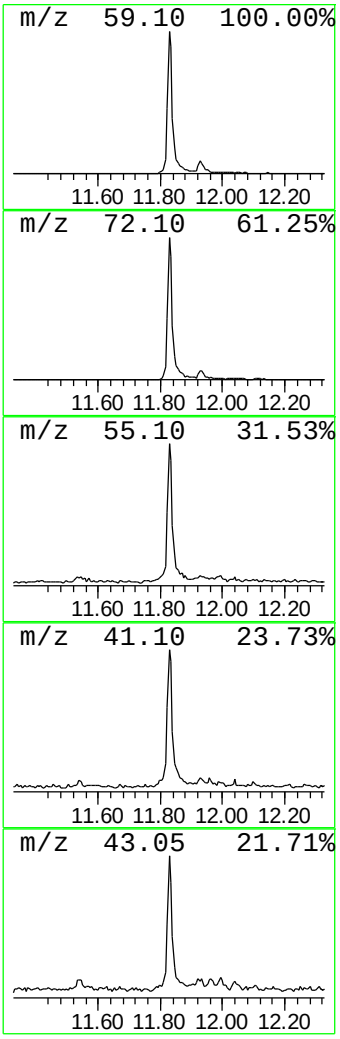
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.95 ng	305941	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	7-Nonenamide	155	C9H17NO	090949-53-4	56
5	Pentanamide	101	C5H11NO	000626-97-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

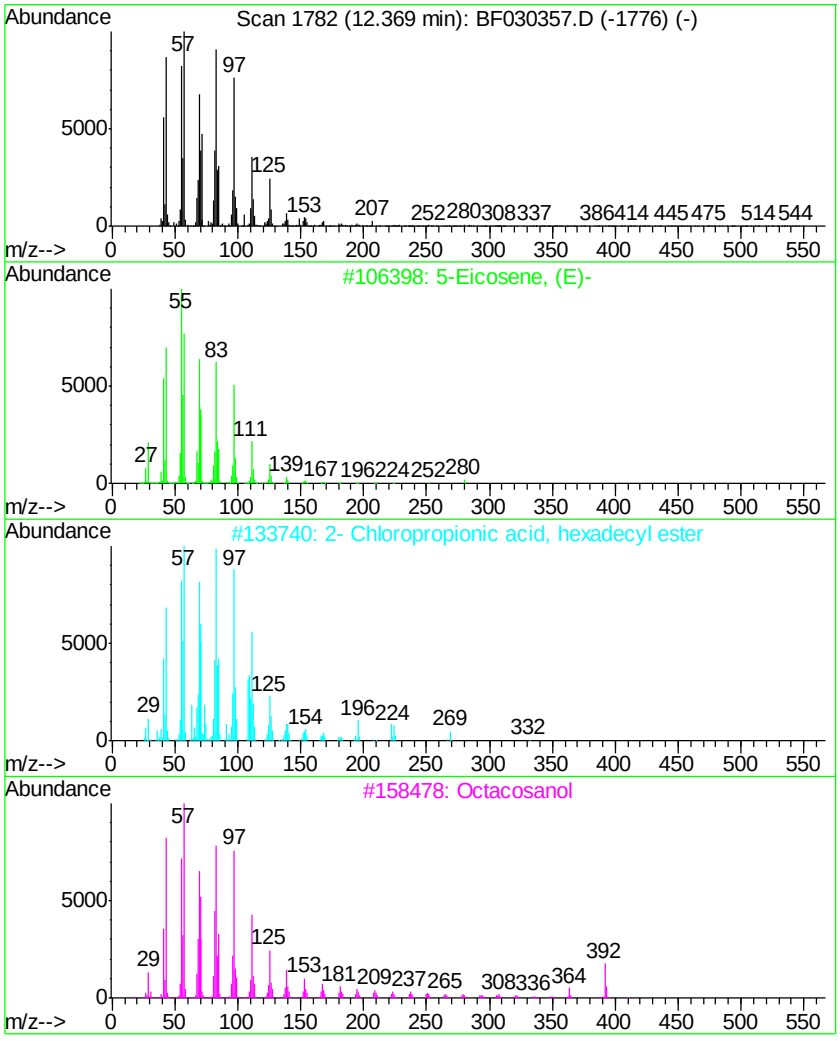
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TIC Integration Parameters: LSCINT.P

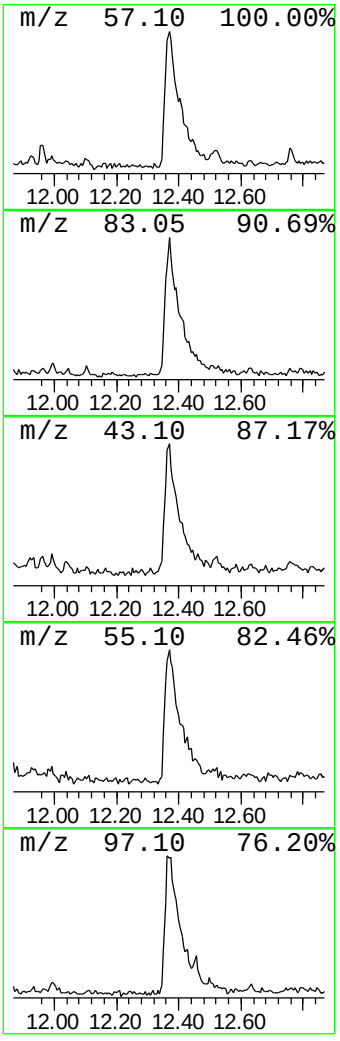
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Peak Number 4 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.59 ng	264164	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
3	Octacosanol	410	C28H58O	000557-61-9	90
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030357.D
Acq On : 6 Aug 2009 23:03
Operator : QM
Sample : A3816-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.1	ng	245471	1	4.78	487389	20.0
n-Hexadecanoic acid	9.96	6.2	ng	209395	4	9.27	681221	20.0
9-Octadecenamide,...	11.83	9.9	ng	305941	5	12.46	614755	20.0
5-Eicosene, (E)-	12.37	8.6	ng	264164	5	12.46	614755	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
65794-96-9	3+4-Methylphenols	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
92-52-4	1,1-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	380	U
131-11-3	Dimethylphthalate	430	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	380	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	380	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	380	U
534-52-1	4,6-Dinitro-2-methylphenol	380	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

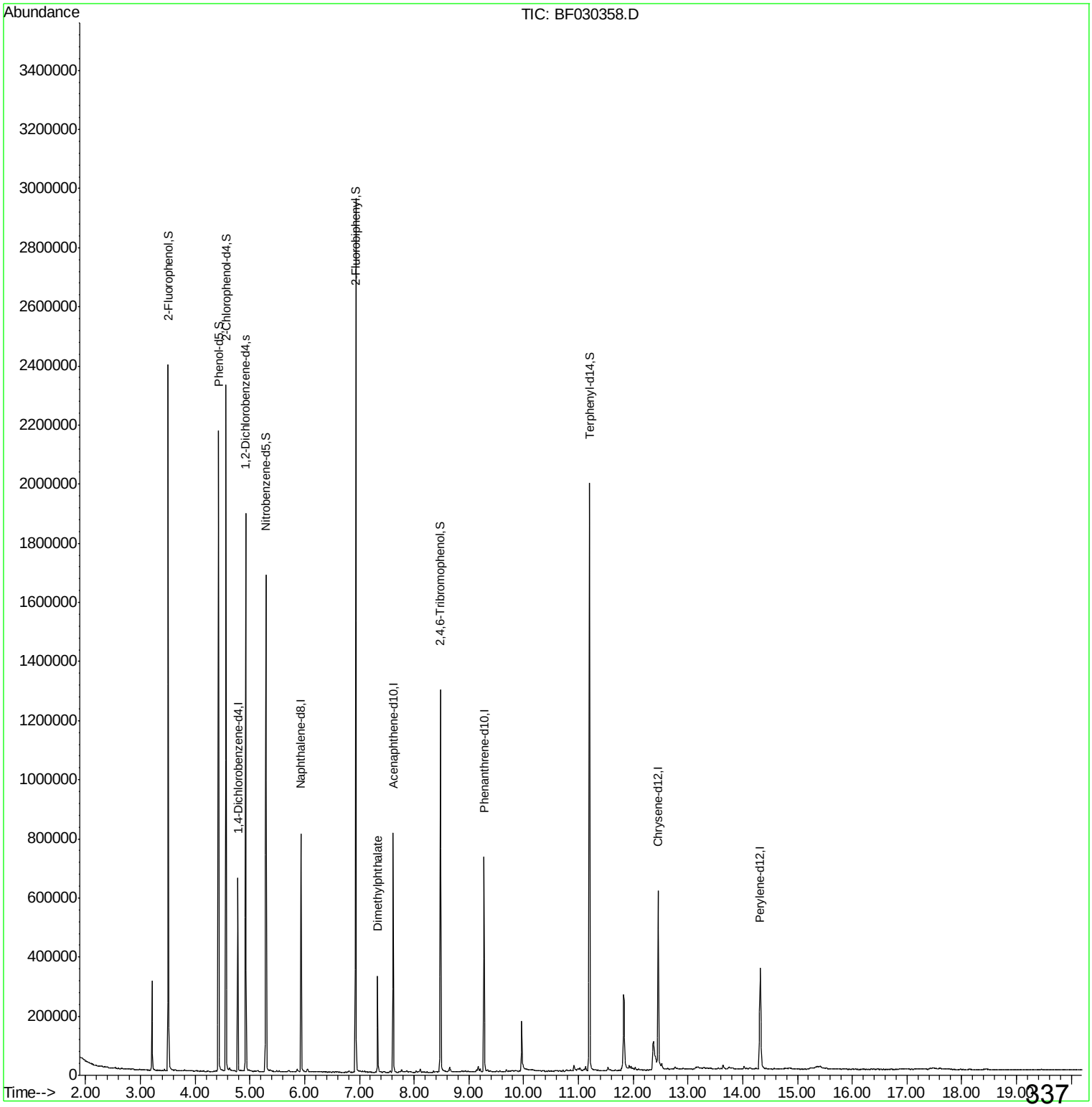
Number TICS found: 4

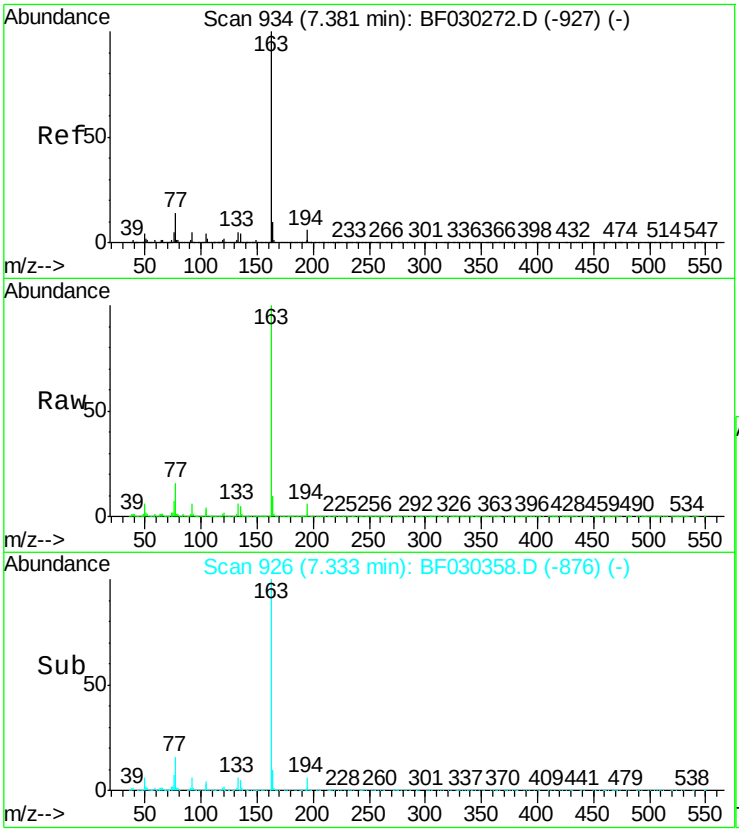
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	410	AB
1002-84-2	Pentadecanoic acid	9.96	230	J
301-02-0	9-Octadecenamide, (Z)-	11.83	380	J
1000282-98-2	Dichloroacetic acid, heptadecyl es	12.37	360	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 07 01:36:43 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

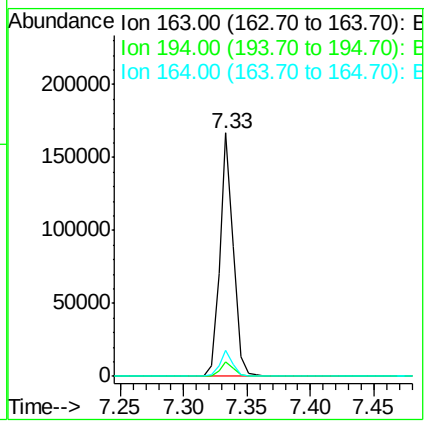




#51
Dimethylphthalate
Concen: 11.21 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030358.D
Acq: 6 Aug 2009 23:31

Tgt Ion:163 Resp: 124807

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.5	6.7
164	10.4	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	99041	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	355281	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	179731	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	296311	20.00	ng	0.00
77) Chrysene-d12	12.46	240	240461	20.00	ng	0.00
88) Perylene-d12	14.32	264	201364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	678455	122.29	ng	0.00
7) Phenol-d5	4.43	99	858789	124.52	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	650466	125.04	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	316852	93.27	ng	0.00
25) Nitrobenzene-d5	5.29	82	444683	88.84	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	158642	141.72	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	916654	101.83	ng	0.00
80) Terphenyl-d14	11.20	244	773764	105.90	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	124807	11.21	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	233	rBV	302754	262313	10.94%	1.335%
2	3.510	272	276	279	rBV	2389723	1919583	80.09%	9.768%
3	4.428	427	432	435	rBV	2166243	1910483	79.71%	9.722%
4	4.563	451	455	459	rBV	2320866	2001624	83.51%	10.186%
5	4.781	488	492	495	rBV	653562	497415	20.75%	2.531%
6	4.922	513	516	520	rBV	1885871	1656073	69.10%	8.427%
7	5.292	576	579	582	rBV	1675449	1255264	52.37%	6.388%
8	5.934	685	688	692	rBV	806356	649733	27.11%	3.306%
9	6.933	854	858	861	rBV	2956082	2396789	100.00%	12.197%
10	7.333	923	926	932	rBV	325001	240254	10.02%	1.223%
11	7.616	971	974	978	rBV	808845	713485	29.77%	3.631%
12	8.480	1116	1121	1132	rBV	1292816	1262959	52.69%	6.427%
13	9.274	1252	1256	1260	rBV	725777	686926	28.66%	3.496%
14	9.963	1368	1373	1384	rBV2	168607	199870	8.34%	1.017%
15	11.204	1578	1584	1587	rBV	1987532	2203710	91.94%	11.214%
16	11.827	1684	1690	1702	rBV	250278	312041	13.02%	1.588%
17	12.368	1777	1782	1793	rBV3	96228	291955	12.18%	1.486%
18	12.457	1793	1797	1805	rVB	595322	630711	26.31%	3.210%
19	14.321	2107	2114	2129	rBV	344027	559789	23.36%	2.849%

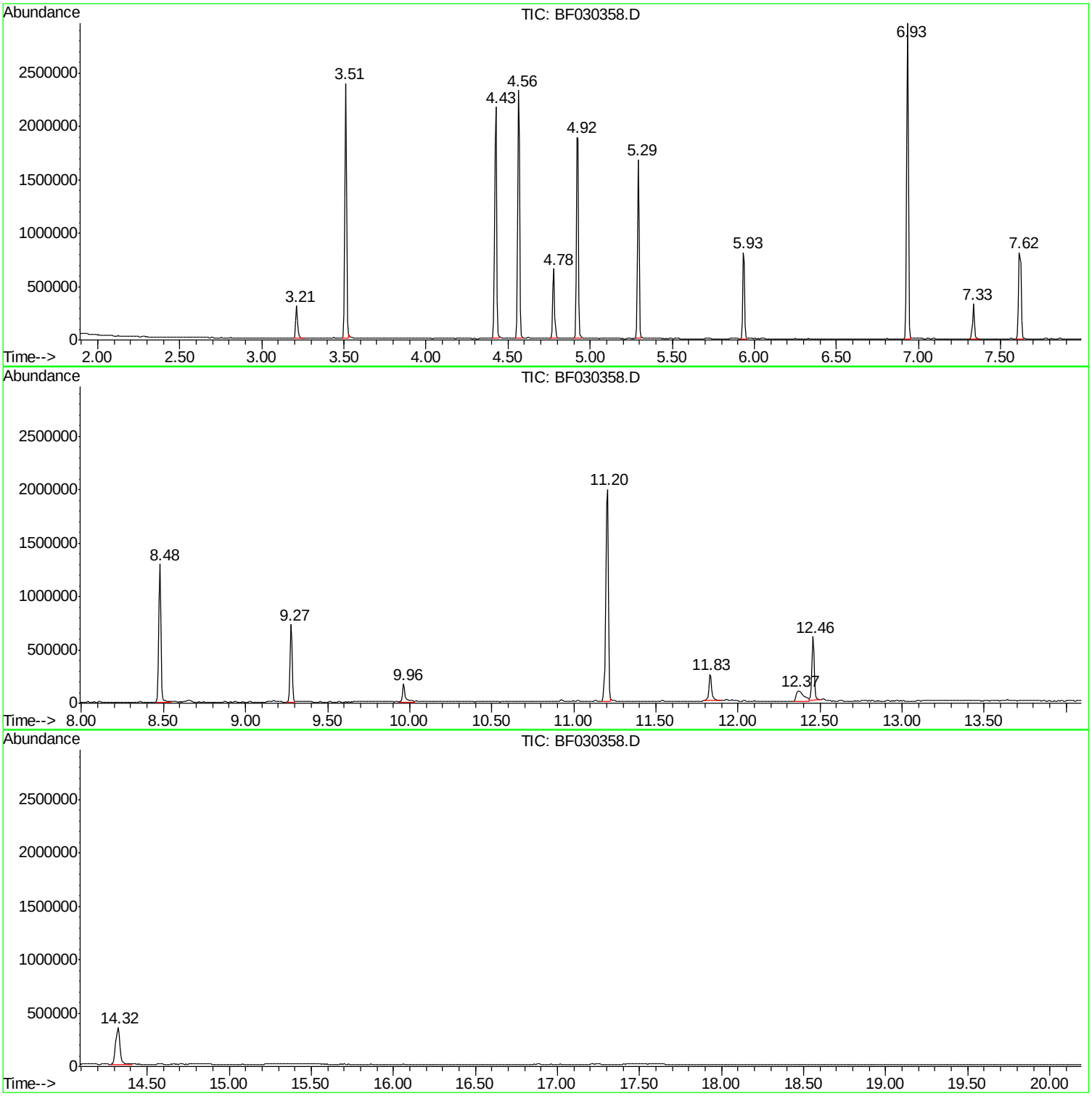
Sum of corrected areas: 19650977

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

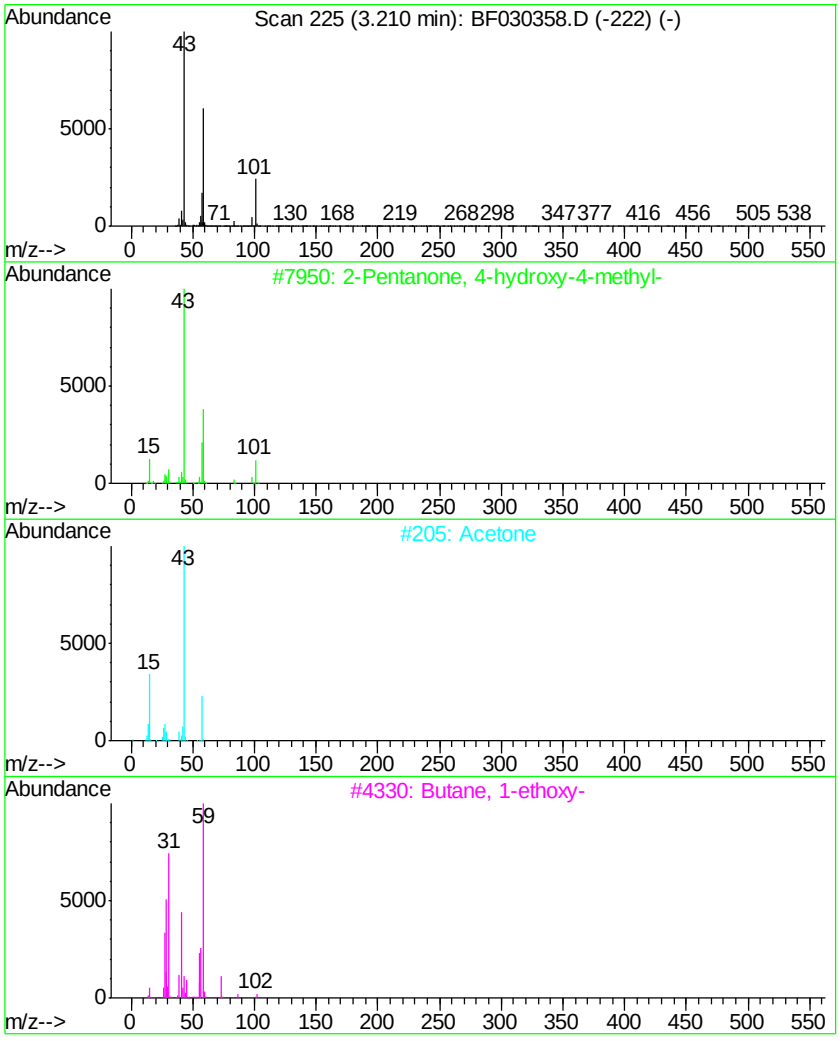
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TIC Integration Parameters: LSCINT.P

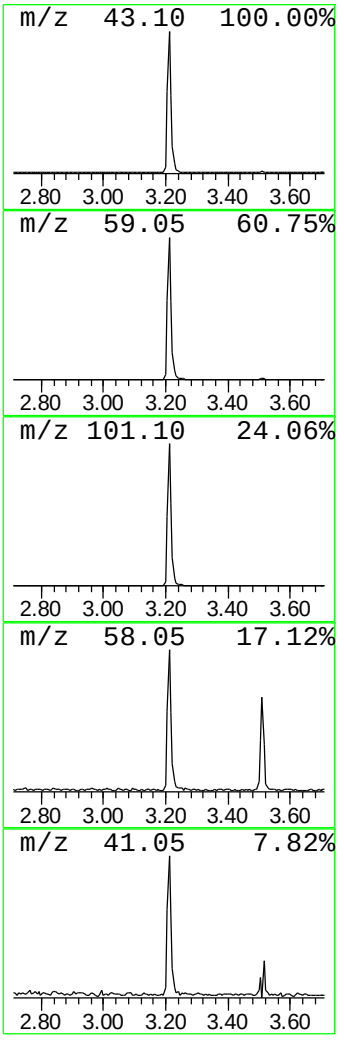
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	10.55 ng	262313	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetone	58	C3H6O	000067-64-1	9
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

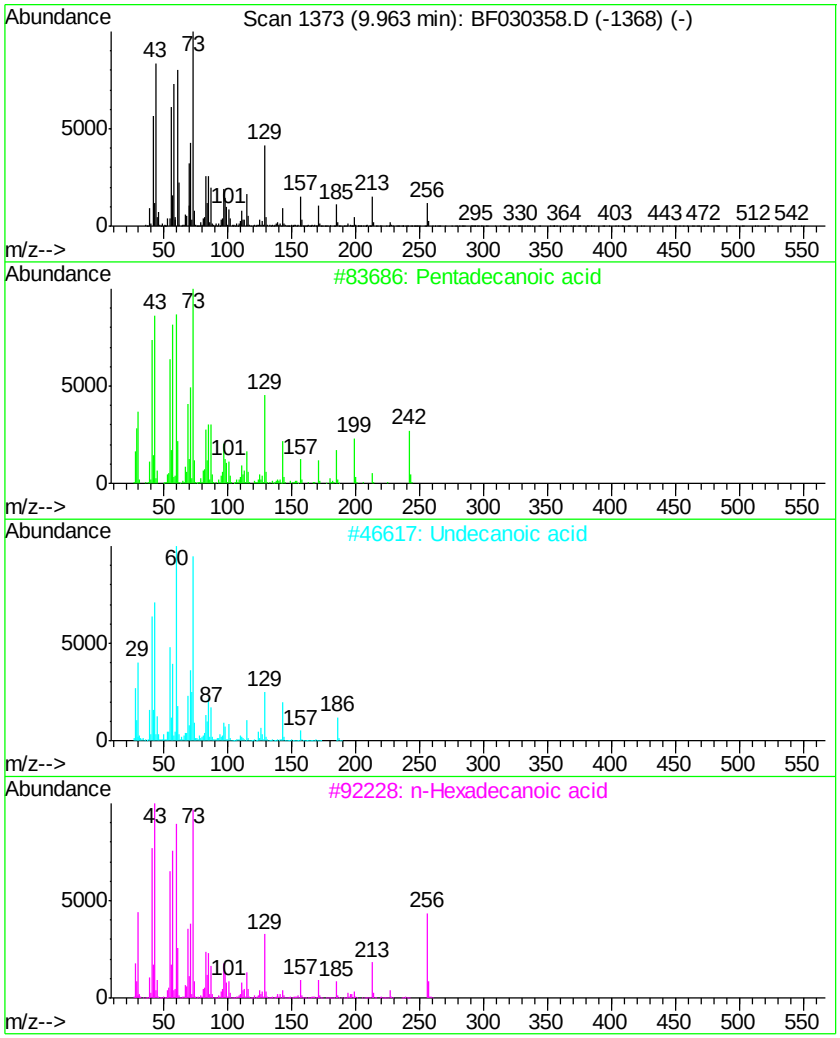
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

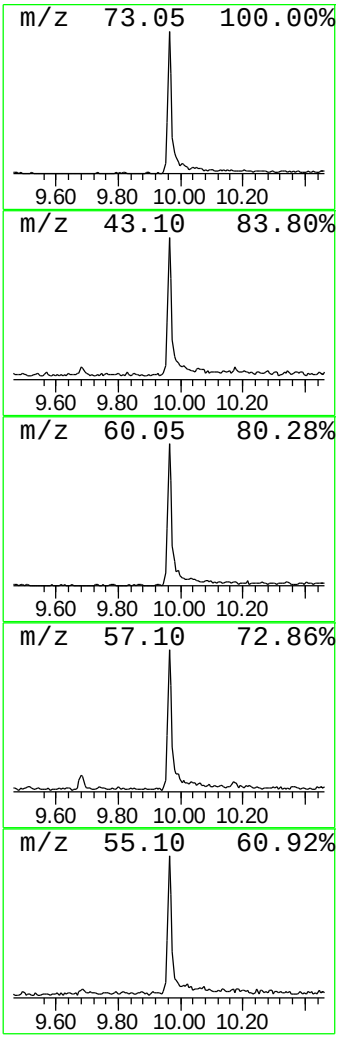
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Peak Number 2 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.82 ng	199870	Phenanthrene-d10	9.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Undecanoic acid	186	C11H22O2	000112-37-8	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

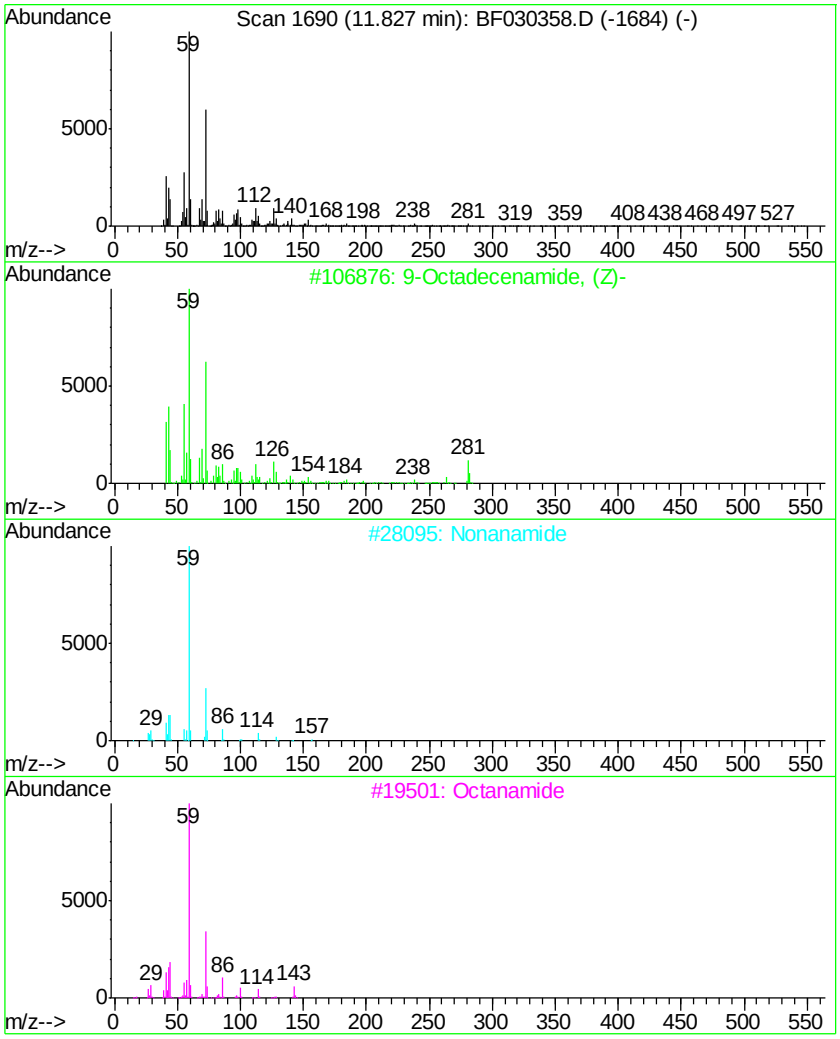
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

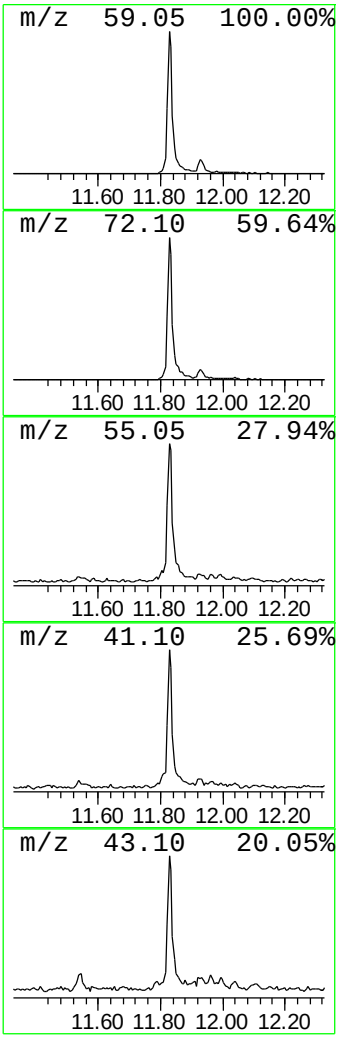
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.89 ng	312041	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Nonanamide	157	C9H19NO	001120-07-6	50
3	Octanamide	143	C8H17NO	000629-01-6	50
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	50
5	Decanamide-	171	C10H21NO	002319-29-1	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

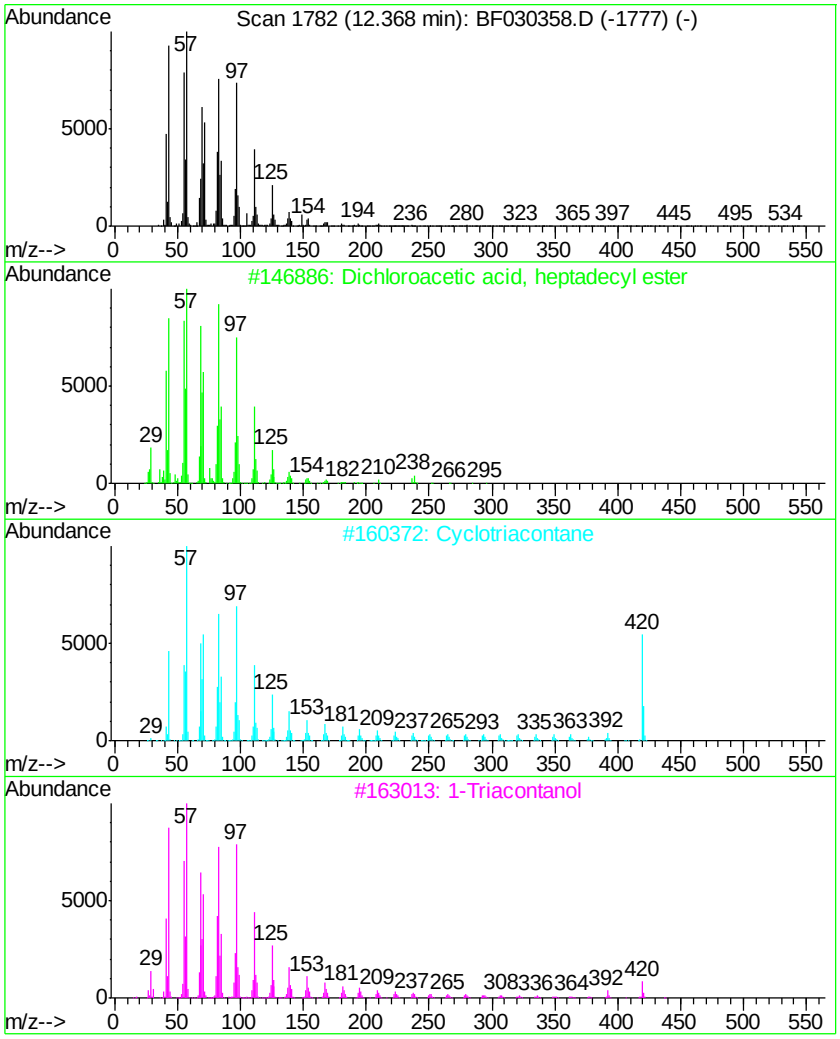
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

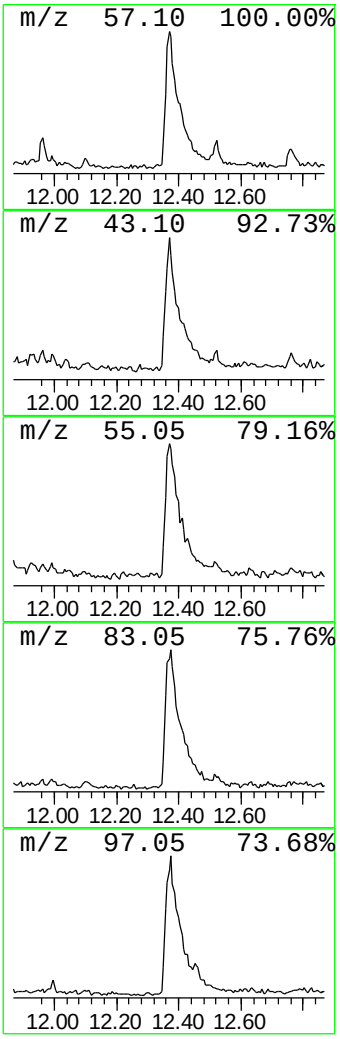
****

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.26 ng	291955	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Cyclotriacontane	420	C30H60	000297-35-8	93
3	1-Triacontanol	438	C30H62O	000593-50-0	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030358.D
Acq On : 6 Aug 2009 23:31
Operator : QM
Sample : A3816-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	10.6	ng	262313	1	4.78	497415	20.0
Pentadecanoic acid	9.96	5.8	ng	199870	4	9.27	686926	20.0
9-Octadecenamide,...	11.83	9.9	ng	312041	5	12.46	630711	20.0
Dichloroacetic ac...	12.37	9.3	ng	291955	5	12.46	630711	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2-oxybis(1-Chloropropane)	420	U
98-86-2	Acetophenone	420	U
65794-96-9	3+4-Methylphenols	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	420	U
92-52-4	1,1-Biphenyl	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	420	U
131-11-3	Dimethylphthalate	370	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	420	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	420	U
100-02-7	4-Nitrophenol	420	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	420	U
534-52-1	4,6-Dinitro-2-methylphenol	420	U
86-30-6	N-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	420	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

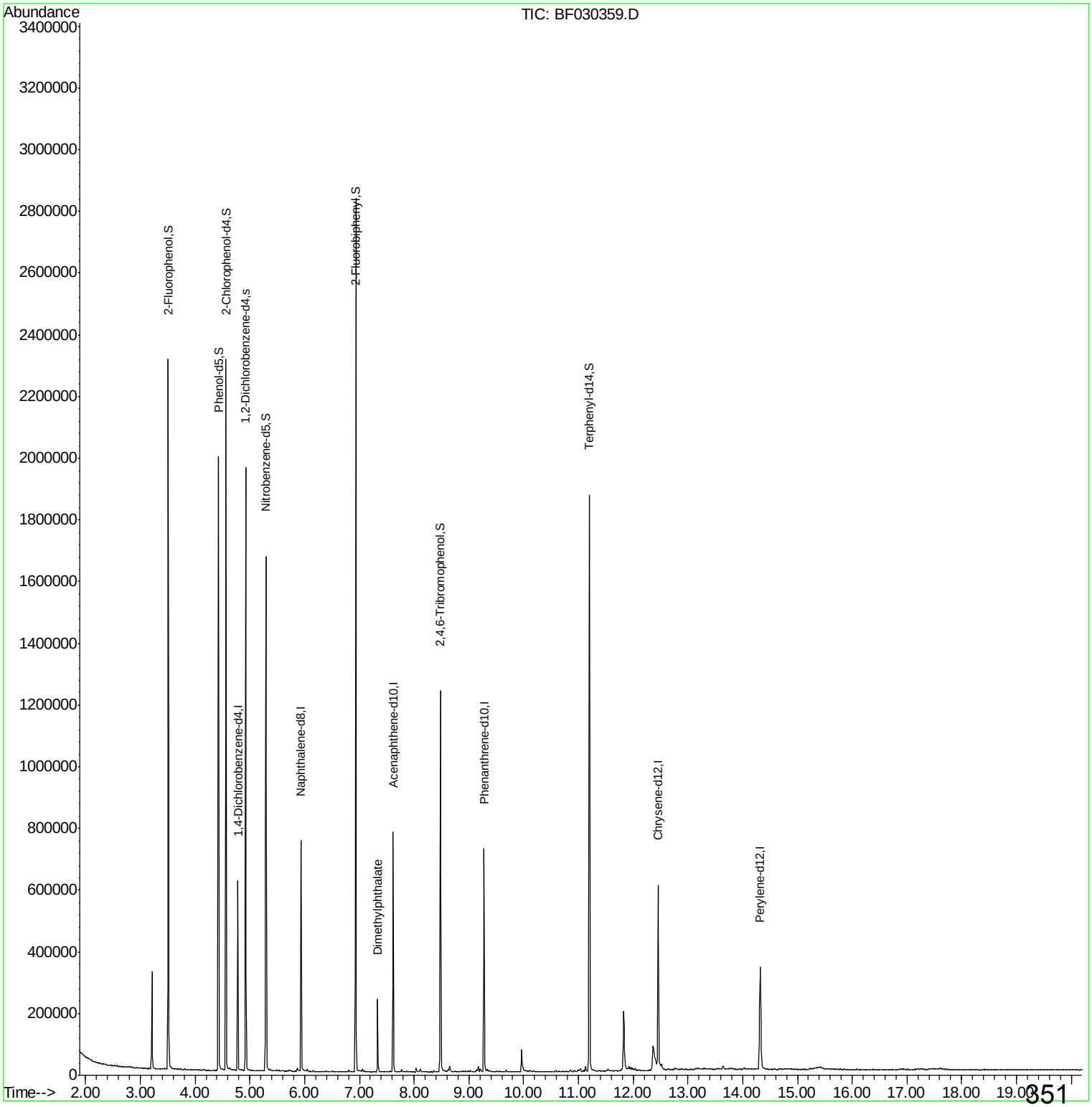
Number TICS found: 3

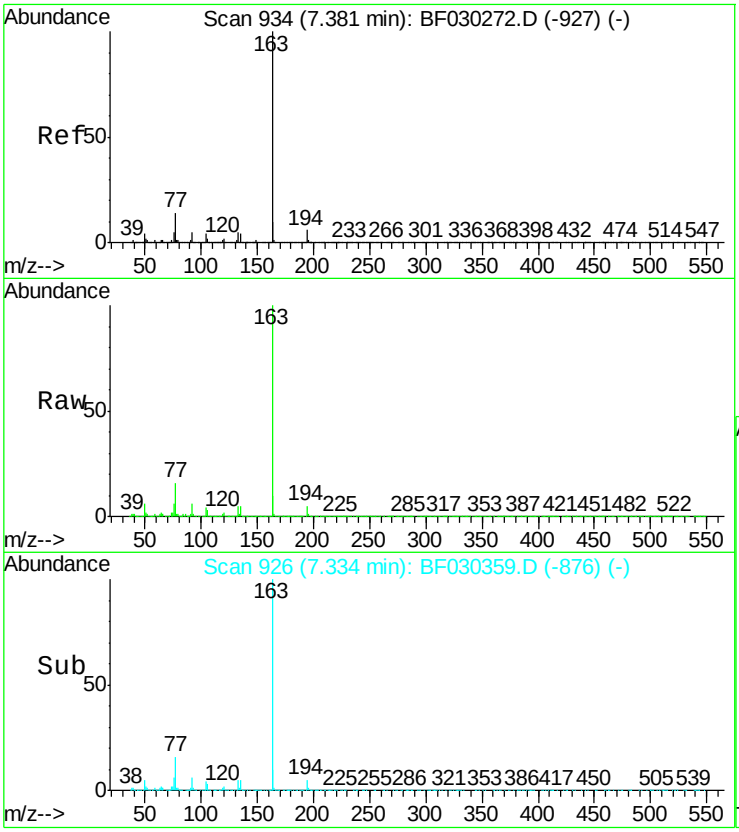
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	540	AB
301-02-0	9-Octadecenamide, (Z)-	11.83	310	J
557-61-9	Octacosanol	12.36	350	J

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 01:39:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

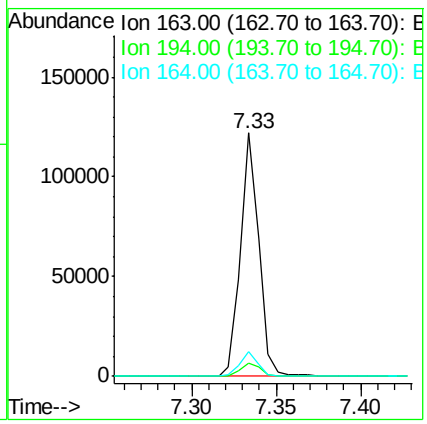




#51
Dimethylphthalate
Concen: 8.64 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030359.D
Acq: 6 Aug 2009 23:58

Tgt Ion:163 Resp: 92062

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.5	6.7
164	9.9	8.5	12.7



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 01:39:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	92389	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	338414	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	172007	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	286877	20.00	ng	0.00
77) Chrysene-d12	12.46	240	235089	20.00	ng	0.00
88) Perylene-d12	14.32	264	194277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	645269	124.69	ng	0.00
7) Phenol-d5	4.43	99	832842	129.46	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	639118	131.70	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	319584	100.85	ng	0.00
25) Nitrobenzene-d5	5.29	82	438956	92.06	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	151827	141.73	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	879456	102.09	ng	0.00
80) Terphenyl-d14	11.20	244	741777	103.85	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	92062	8.64	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	221	225	233	rBV	315318	296677	12.89%	1.581%
2	3.510	272	276	279	rBV	2302446	1818876	79.00%	9.696%
3	4.428	427	432	435	rBV	1989107	1867059	81.09%	9.952%
4	4.563	451	455	459	rBV	2303064	1954031	84.87%	10.416%
5	4.781	488	492	495	rBV	614243	471077	20.46%	2.511%
6	4.922	513	516	520	rBV	1954030	1653320	71.81%	8.813%
7	5.293	576	579	582	rBV	1666126	1245635	54.10%	6.640%
8	5.934	685	688	692	rBV	747645	613381	26.64%	3.270%
9	6.934	854	858	861	rBV	2830589	2302319	100.00%	12.273%
10	7.334	923	926	932	rBV	235722	180284	7.83%	0.961%
11	7.616	971	974	978	rBV	776092	680794	29.57%	3.629%
12	8.481	1117	1121	1137	rVB	1233406	1192332	51.79%	6.356%
13	9.275	1252	1256	1264	rBV	721487	666227	28.94%	3.551%
14	9.963	1369	1373	1376	rBV	71833	65893	2.86%	0.351%
15	11.198	1578	1583	1587	rBV	1869402	2122152	92.17%	11.312%
16	11.827	1684	1690	1701	rBV	189143	225019	9.77%	1.199%
17	12.363	1777	1781	1793	rBV3	78470	249353	10.83%	1.329%
18	12.457	1793	1797	1805	rVB	590350	613370	26.64%	3.270%
19	14.321	2107	2114	2131	rBV	332295	542028	23.54%	2.889%

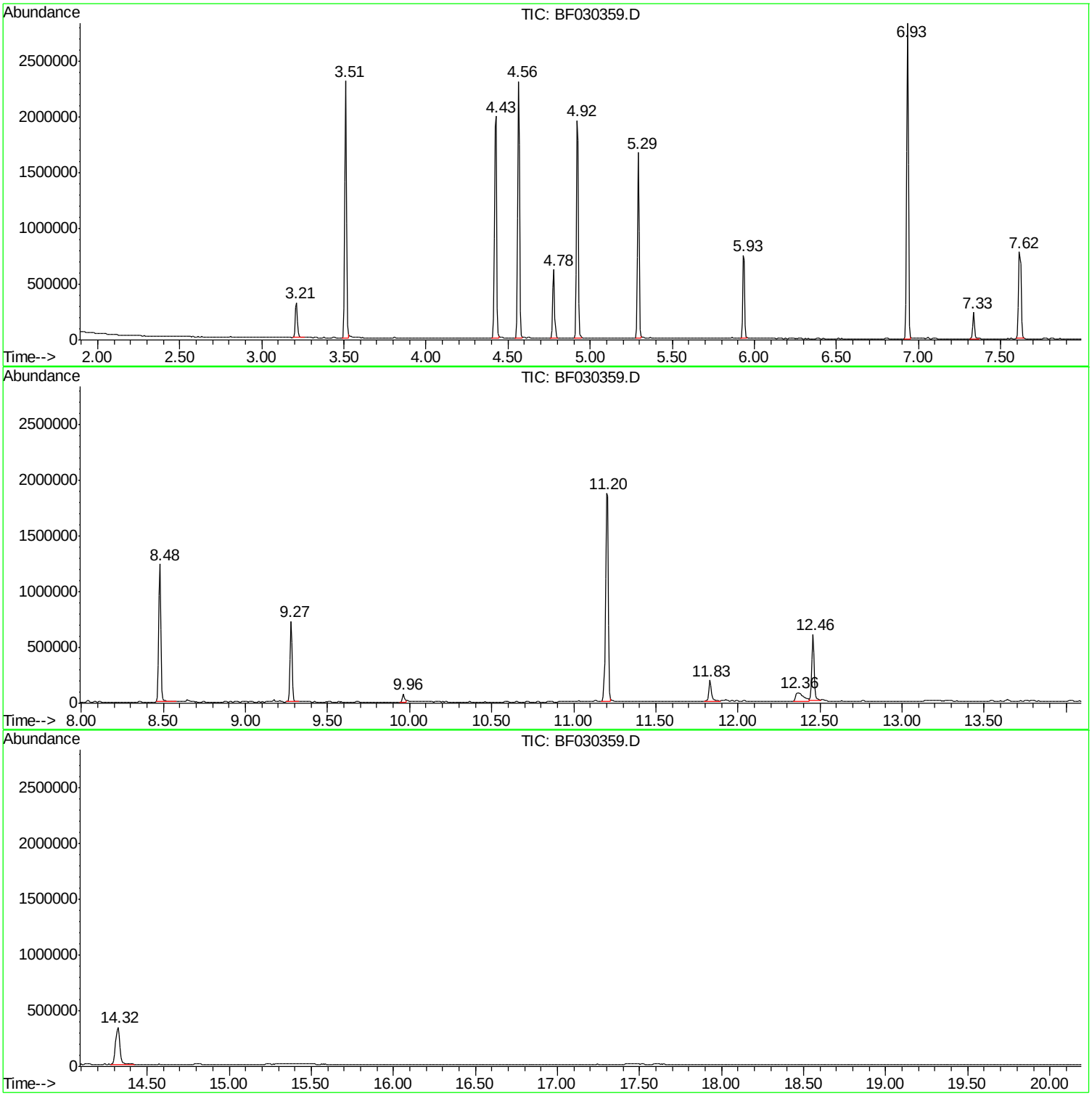
Sum of corrected areas: 18759827

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

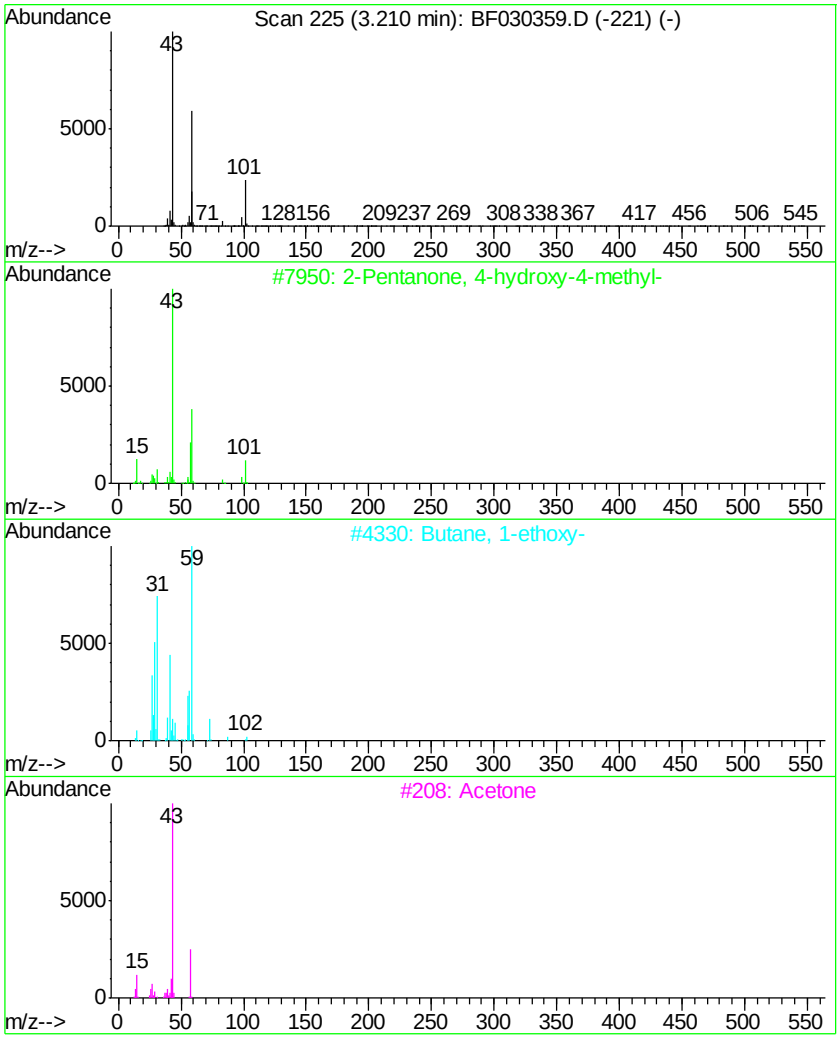
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

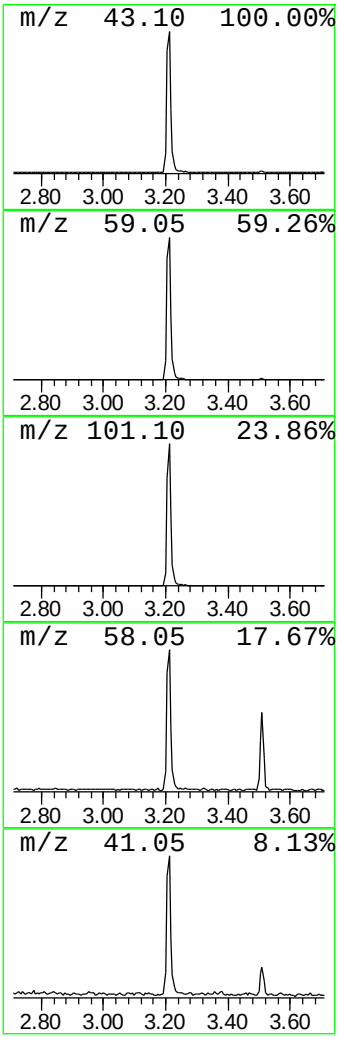
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	12.60 ng	296677	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

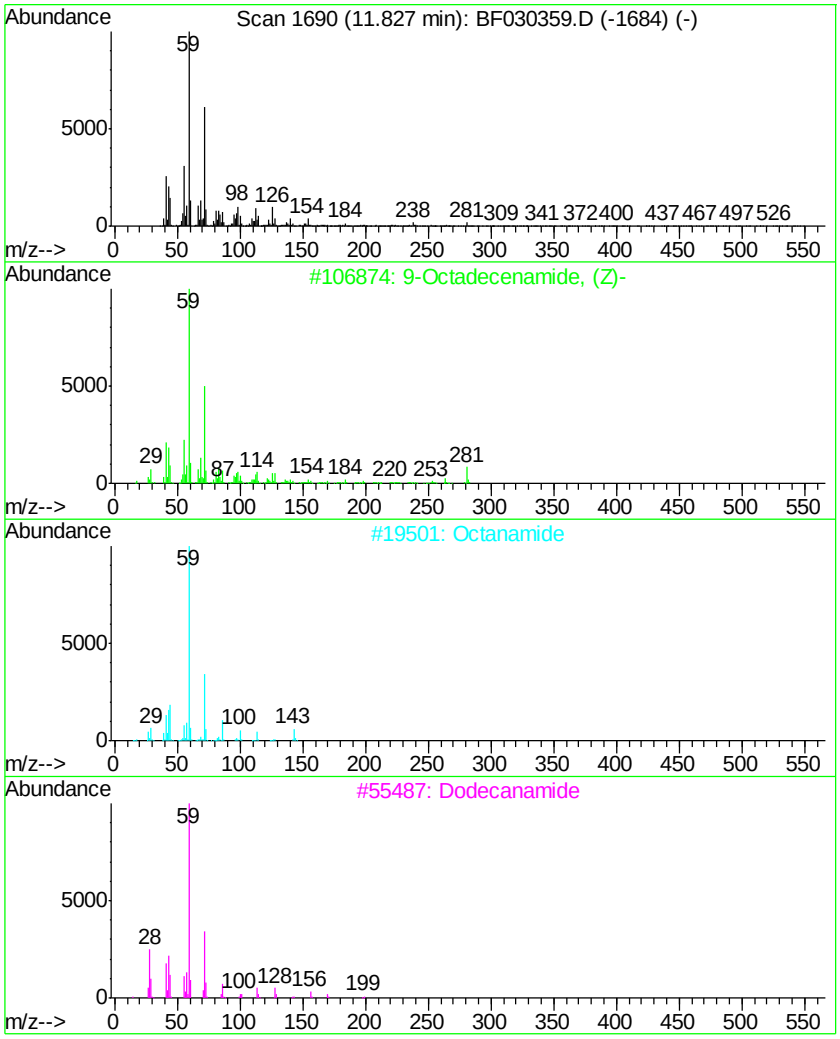
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

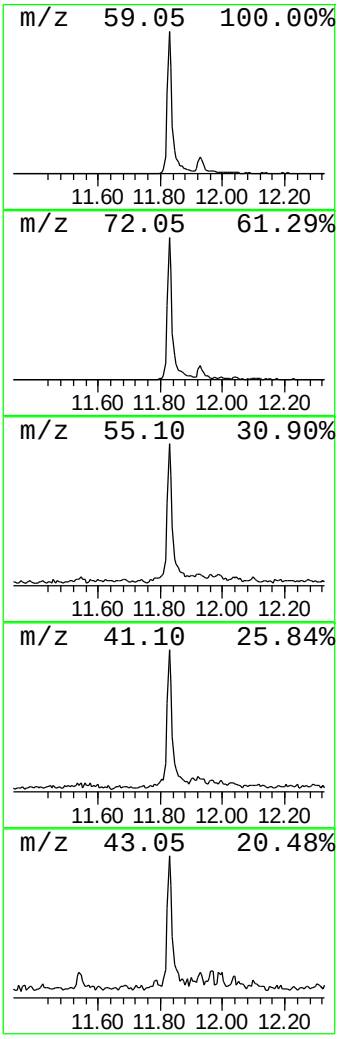
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.34 ng	225019	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Octanamide	143	C8H17NO	000629-01-6	59
3	Dodecanamide	199	C12H25NO	001120-16-7	50
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	50
5	Nonanamide	157	C9H19NO	001120-07-6	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

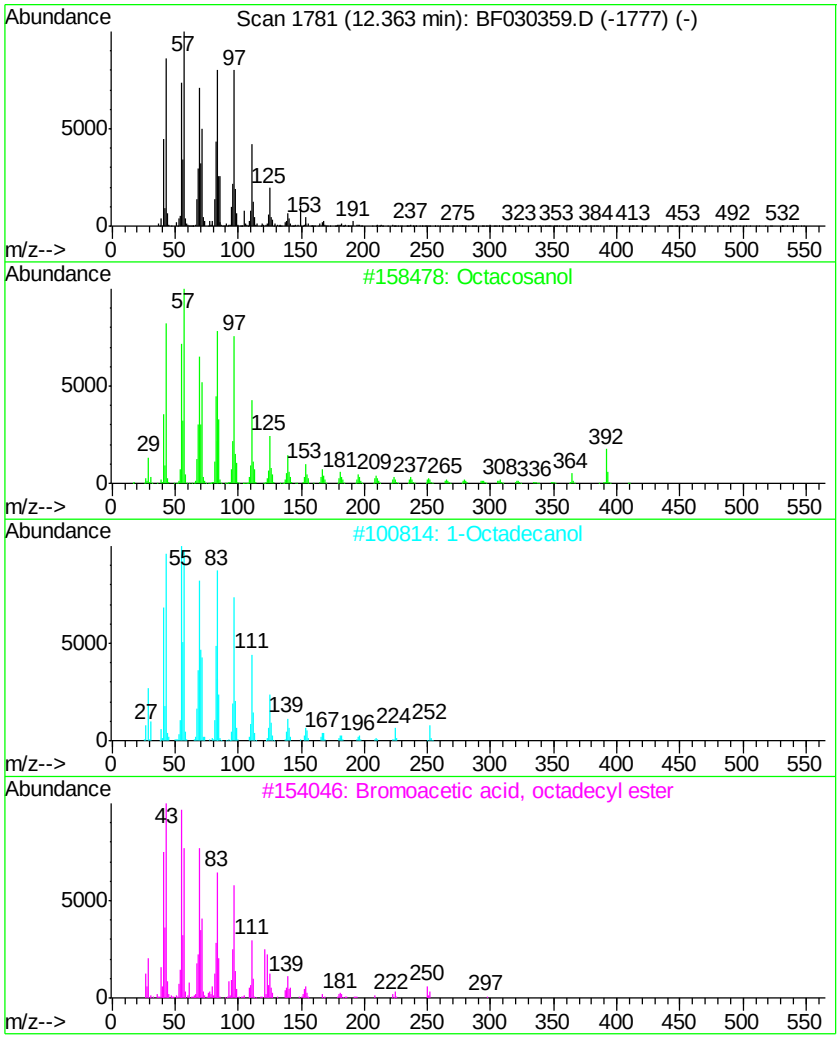
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

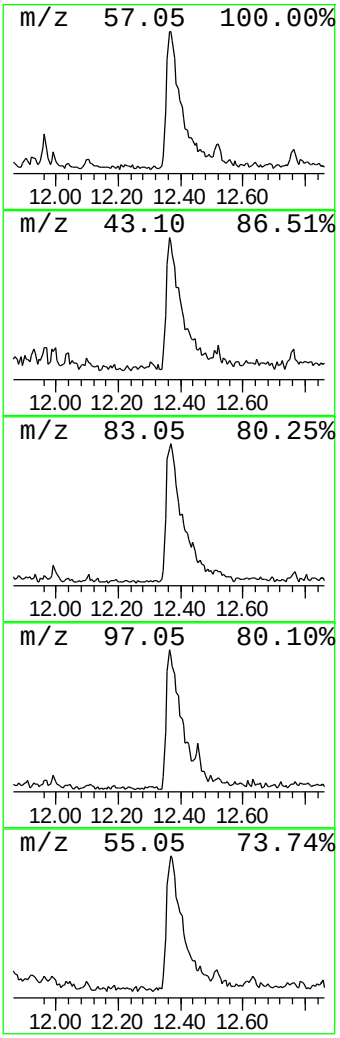
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Peak Number 3 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.13 ng	249353	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	1-Triacontanol	438	C30H62O	000593-50-0	91
5	1-Tricosene	322	C23H46	018835-32-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030359.D
Acq On : 6 Aug 2009 23:58
Operator : QM
Sample : A3816-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	12.6	ng	296677	1	4.78	471077	20.0
9-Octadecenamide,...	11.83	7.3	ng	225019	5	12.46	613370	20.0
Octacosanol	12.36	8.1	ng	249353	5	12.46	613370	20.0

CHEMTECH

SEMI-VOLATILE CALIBRATION DATA

CHEMTECH

Initial Calibration File ID: BF030272.D, BF030273.D, BF030274.D, BF030275.D, BF030276.D, BF030277.D

Parameter	CAS No.	Initial Calibration Pass 15% Criteria[1]	Regressions Acceptable[2]	Comment in Case Narrative[23]
1,1-Biphenyl	92-52-4	Pass		
1,2,4,5-Tetrachlorobenzene	95-94-3	Pass		
1,2,4-Trichlorobenzene	120-82-1	Pass		
1,2-Dichlorobenzene	95-50-1	Pass		
1,3-Dichlorobenzene	541-73-1	Pass		
1,4-Dichlorobenzene	106-46-7	Pass		
2,4,5-Trichlorophenol	95-95-4	Pass		
2,4,6-Trichlorophenol	88-06-2	Pass		
2,4-Dichlorophenol	120-83-2	Pass		
2,4-Dimethylphenol	105-67-9	Pass		
2,4-Dinitrophenol	51-28-5	Fail	LR(r^2)=0.991	
2,4-Dinitrotoluene	121-14-2	Pass		
2,6-Dinitrotoluene	606-20-2	Pass		
2-Chloronaphthalene	91-58-7	Pass		
2-Chlorophenol	95-57-8	Pass		
2-Methylnaphthalene	91-57-6	Pass		
2-Methylphenol	95-48-7	Pass		
2-Nitroaniline	88-74-4	Pass		
2-Nitrophenol	88-75-5	Pass		
3,3'-Dichlorobenzidine	91-94-1	Pass		
3+4-Methyphenols	65794-96-9	Pass		
3-Nitroaniline	99-09-2	Pass		
4,6-Dinitro-2-methylphenol	534-52-1	Pass		
4-Bromophenyl Phenyl Ether	101-55-3	Pass		
4-Chloro-3-methylphenol	59-50-7	Pass		
4-Chloroaniline	106-47-8	Pass		
4-Chlorophenyl phenylether	7005-72-3	Pass		
4-Nitroaniline	100-01-6	Pass		
4-Nitrophenol	100-02-7	Pass		
Acenaphthene	83-32-9	Pass		
Acenaphthylene	208-96-8	Pass		
Acetophenone	98-86-2	Pass		
Aniline	62-53-3	Pass		
Anthracence	120-12-7	Pass		
Atrazine	1912-24-9	Pass		
Azobenzene	103-33-3	Pass		
Benz(a)anthracene	56-55-3	Pass		
Benzaldehyde	100-52-7	Pass		
Benzidine	92-87-5	Pass		
Benzo(a)pyrene	50-32-8	Pass		
Benzo(b)fluoranthene	205-99-2	Pass		
Benzo(g,h,i)perylene	191-24-2	Pass		
Benzo(k)fluoranthene	207-08-9	Pass		
Benzoic Acid	65-85-0	Fail	LR(r^2)=0.997	
Benzyl Alcohol	100-51-6	Pass		
bis(2-Chloroethoxy)methane	111-91-1	Pass		
bis(2-Chloroethyl)ether	111-44-4	Pass		
bis(2-chloroisopropyl)ether	108-60-1	Pass		
bis(2-Ehtylhexyl)phthalate	117-81-7	Pass		
Butyl Benzyl Phthalate	85-68-7			

CHEMTECH

Initial Calibration File ID: BF030272.D, BF030273.D, BF030274.D, BF030275.D, BF030276.D, BF030277.D

Parameter	CAS No.	Initial Calibration Pass 15% Criteria[1]	Regressions Acceptable[2]	Comment in Case Narrative[23]
Caprolactam	105-60-2	Pass		
Carbazole	86-74-8	Pass		
Chrysene	218-01-9	Pass		
Dibenz[a,h]anthracene	53-70-3	Pass		
Dibenzofuran	132-64-9	Pass		
Diethylphthalate	84-66-2	Pass		
Dimethylphthalate	131-11-3	Pass		
Di-n-butylphthalate	84-74-2	Pass		
Di-n-octyl Phthalate	117-84-0	Pass		
Fluoranthene	206-44-0	Pass		
Fluorene	86-73-7	Pass		
Hexachlorbenzene	118-74-1	Pass		
Hexachlorobutadiene	87-68-3	Pass		
Hexachlorocyclopentadiene	77-47-4	Pass		
Hexachloroethane	67-72-1	Pass		
Indeno(1,2,3-cd)pyrene	193-39-5	Pass		
Isophorone	78-59-1	Pass		
Naphthalene	91-20-3	Pass		
Nitrobenzene	98-95-3	Pass		
n-Nitrosodimethylamine	62-75-9	Pass		
n-Nitroso-di-n-propylamine	621-64-7	Pass		
N-Nitrosodiphenylamine	86-30-6	Pass		
Pentachlorophenol	87-86-5	Pass		
Phenanthrene	85-01-8	Pass		
Phenol	108-95-2	Pass		
Pyrene	129-00-0	Pass		
Pyridine	110-86-1	Pass		

1 Indicate a response for each compound using a Pass/Fail or Yes/No system

2 Only mark response in the affirmative for those compounds that qualify

3 At a minimum, this column must indicate a response for compound that did not pass the 15% and regression

Method Path : Z:\HPCHEM1\BNA_F\METHOD\
Method File : 8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 04 16:55:01 2009
Response Via : Initial Calibration

Calibration Files
40 =BF030272.D 10 =BF030273.D 25 =BF030274.D
50 =BF030275.D 60 =BF030276.D 80 =BF030277.D

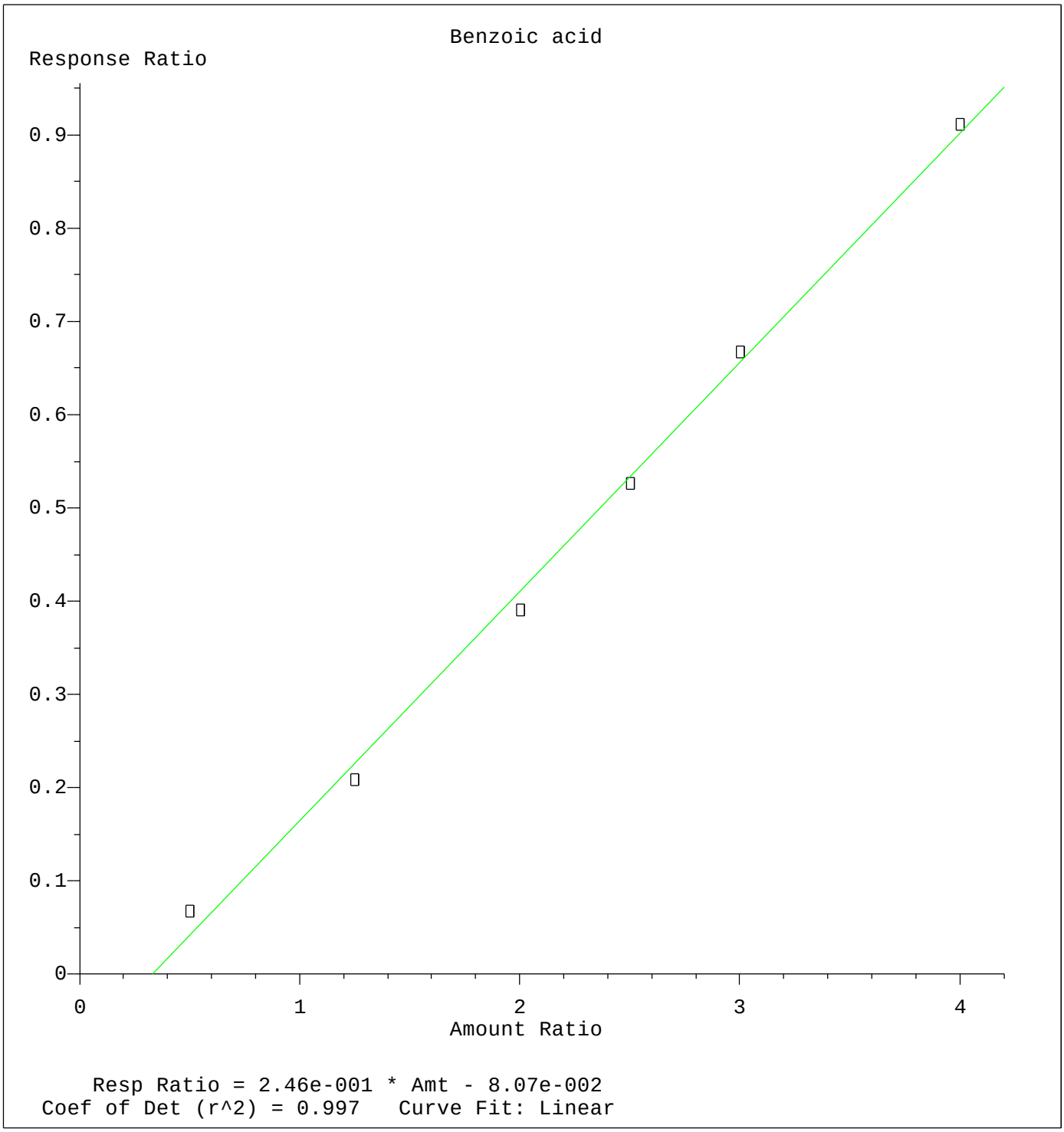
		Compound	40	10	25	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
2)		1,4-Dioxane	0.578	0.579	0.587	0.565	0.551	0.555	0.569	2.55
3)		Pyridine	1.446	1.437	1.365	1.448	1.451	1.528	1.446	3.58
4)		n-Nitrosodimethyl	0.441	0.426	0.432	0.438	0.439	0.442	0.436	1.42
5)	S	2-Fluorophenol	1.128	1.112	1.119	1.111	1.113	1.139	1.120	0.97
6)		Aniline	1.994	1.958	2.007	1.958	1.960	1.951	1.971	1.17
7)	S	Phenol-d5	1.411	1.384	1.397	1.387	1.383	1.395	1.393	0.75
8)		2-Chlorophenol	1.365	1.447	1.414	1.314	1.308	1.267	1.353	5.08
9)		Benzaldehyde	0.560	0.626	0.631	0.568	0.549	0.459	0.565	11.11
10)	C	Phenol	1.590	1.671	1.620	1.549	1.551	1.517	1.583	3.53
11)		bis(2-Chloroethyl	1.318	1.395	1.334	1.272	1.254	1.234	1.301	4.56
12)	S	2-Chlorophenol-d4	1.046	1.039	1.049	1.051	1.043	1.075	1.050	1.21
13)		1,3-Dichlorobenze	1.510	1.576	1.549	1.459	1.420	1.390	1.484	4.95
14)	C	1,4-Dichlorobenze	1.535	1.616	1.597	1.490	1.454	1.402	1.516	5.46
15)	s	1,2-Dichlorobenze	0.693	0.684	0.691	0.677	0.670	0.699	0.686	1.59
16)		1,2-Dichlorobenze	1.357	1.532	1.431	1.300	1.254	1.217	1.348	8.72
17)		Benzyl Alcohol	0.881	0.979	0.902	0.860	0.847	0.833	0.884	5.98
18)		2,2'-oxybis(1-Chl	1.815	1.895	1.848	1.783	1.786	1.775	1.817	2.57
19)		2-Methylphenol	1.026	1.035	1.062	1.007	0.999	0.984	1.019	2.73
20)		Hexachloroethane	0.507	0.532	0.523	0.488	0.479	0.471	0.500	4.94
21)	P	n-Nitroso-di-n-pr	0.736	0.829	0.785	0.694	0.679	0.644	0.728	9.52
22)		3+4-Methylphenols	1.219	1.327	1.288	1.139	1.081	1.008	1.177	10.47
23)	I	Naphthalene-d8	----------ISTD----------							
24)		Acetophenone	0.418	0.469	0.442	0.391	0.366	0.343	0.405	11.67
25)	S	Nitrobenzene-d5	0.282	0.277	0.278	0.283	0.284	0.287	0.282	1.37
26)		Nitrobenzene	0.312	0.327	0.316	0.309	0.305	0.295	0.311	3.50
27)		Isophorone	0.624	0.643	0.625	0.608	0.608	0.590	0.616	2.92
28)	C	2-Nitrophenol	0.199	0.198	0.201	0.198	0.197	0.191	0.197	1.62
29)		2,4-Dimethylpheno	0.310	0.318	0.311	0.297	0.295	0.286	0.303	4.06
30)		bis(2-Chloroethox	0.397	0.416	0.406	0.380	0.379	0.362	0.390	5.07
31)	C	2,4-Dichloropheno	0.286	0.285	0.293	0.281	0.278	0.267	0.281	3.09
32)		1,2,4-Trichlorobe	0.296	0.315	0.307	0.288	0.278	0.265	0.292	6.31
33)		Naphthalene	1.054	1.121	1.085	1.005	0.965	0.918	1.025	7.43
34)		Benzoic acid	0.195	0.135	0.167	0.210	0.222	0.228	0.193	18.59
35)		4-Chloroaniline	0.420	0.419	0.422	0.410	0.403	0.387	0.410	3.25
36)	C	Hexachlorobutadie	0.141	0.147	0.144	0.136	0.134	0.126	0.138	5.53
37)		Caprolactam	0.107	0.107	0.105	0.107	0.109	0.107	0.107	1.29
38)	C	4-Chloro-3-methyl	0.260	0.266	0.257	0.257	0.259	0.252	0.259	1.75
39)		2-Methylnaphthale	0.647	0.679	0.657	0.622	0.602	0.566	0.629	6.53
40)	I	Acenaphthene-d10	----------ISTD----------							
41)		1,2,4,5-Tetrachlo	0.507	0.560	0.535	0.491	0.461	0.429	0.497	9.67
42)	P	Hexachlorocyclope	0.293	0.260	0.289	0.285	0.281	0.272	0.280	4.32
43)	S	2,4,6-Tribromophe	0.125	0.124	0.124	0.126	0.123	0.125	0.125	0.67
44)	C	2,4,6-Trichloroph	0.361	0.360	0.363	0.345	0.350	0.332	0.352	3.44
45)		2,4,5-Trichloroph	0.373	0.370	0.374	0.370	0.365	0.354	0.368	1.99
46)	S	2-Fluorobiphenyl	1.013	0.984	1.008	1.000	0.997	1.008	1.002	1.02
47)		1,1'-Biphenyl	1.602	1.714	1.669	1.546	1.494	1.401	1.571	7.33
48)		2-Chloronaphthale	1.199	1.273	1.241	1.163	1.141	1.080	1.183	5.92
49)		2-Nitroaniline	0.294	0.280	0.294	0.293	0.300	0.292	0.292	2.18
50)		Acenaphthylene	1.983	2.106	2.064	1.940	1.880	1.757	1.955	6.48
51)		Dimethylphthalate	1.246	1.299	1.267	1.225	1.220	1.175	1.239	3.43

Method Path : Z:\HPCHEM1\BNA_F\METHOD\
Method File : 8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 04 16:55:01 2009
Response Via : Initial Calibration

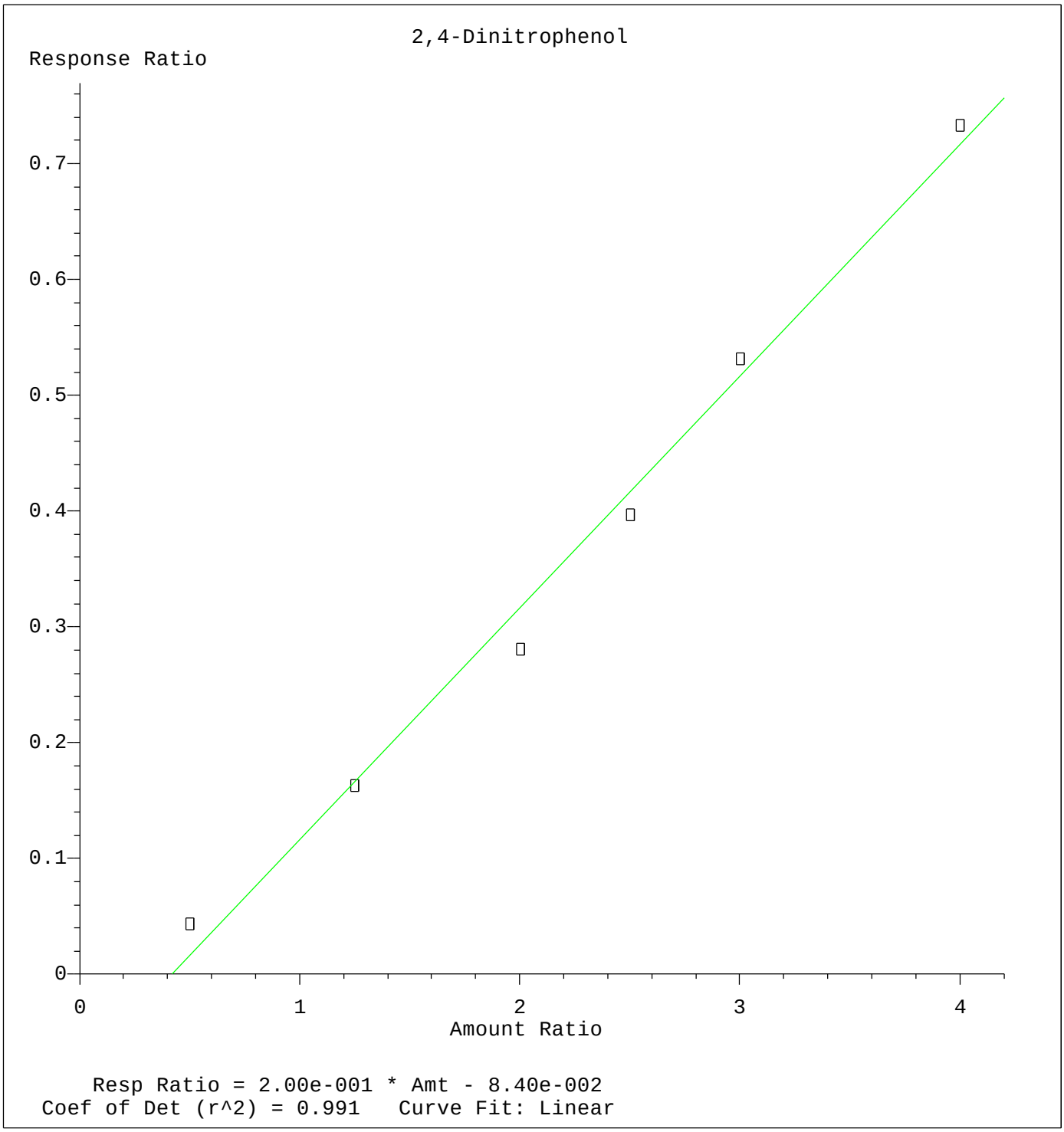
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50 =BF030275.D 60 =BF030276.D 80 =BF030277.D

		Compound	40	10	25	50	60	80	Avg	%RSD
52)		2,6-Dinitrotoluen	0.309	0.308	0.316	0.310	0.311	0.303	0.309	1.37
53)	C	Acenaphthene	1.158	1.231	1.201	1.127	1.106	1.052	1.146	5.69
54)		3-Nitroaniline	0.348	0.322	0.344	0.348	0.357	0.343	0.344	3.42
55)	P	2,4-Dinitrophenol	0.140	0.087	0.130	0.159	0.177	0.183	0.146	24.33
56)		Dibenzofuran	1.642	1.750	1.705	1.596	1.547	1.448	1.615	6.78
57)	P	4-Nitrophenol	0.253	0.195	0.230	0.260	0.277	0.274	0.248	12.58
58)		2,4-Dinitrotoluen	0.379	0.381	0.391	0.378	0.379	0.365	0.379	2.15
59)		Fluorene	1.241	1.417	1.331	1.157	1.089	1.020	1.209	12.39
60)		2,3,4,6-Tetrachlo	0.286	0.291	0.293	0.289	0.282	0.279	0.287	1.84
61)		Diethylphthalate	1.158	1.230	1.206	1.160	1.143	1.102	1.166	3.91
62)		4-Chlorophenyl-ph	0.519	0.596	0.567	0.486	0.453	0.420	0.507	13.26
63)		4-Nitroaniline	0.341	0.319	0.331	0.352	0.365	0.359	0.345	5.02
64)		Azobenzene	1.160	1.201	1.191	1.143	1.128	1.088	1.152	3.61
65)	I	Phenanthrene-d10	----------ISTD----------							
66)		4,6-Dinitro-2-met	0.124	0.093	0.114	0.128	0.135	0.136	0.122	13.22
67)	c	n-Nitrosodiphenyl	0.720	0.738	0.715	0.682	0.660	0.633	0.691	5.79
68)		4-Bromophenyl-phe	0.202	0.199	0.201	0.191	0.186	0.180	0.193	4.71
69)		Hexachlorobenzene	0.209	0.217	0.209	0.199	0.190	0.185	0.201	6.06
70)		Atrazine	0.186	0.186	0.181	0.178	0.177	0.170	0.180	3.34
71)	C	Pentachlorophenol	0.129	0.119	0.116	0.125	0.129	0.127	0.124	4.51
72)		Phenanthrene	1.140	1.187	1.142	1.074	1.048	0.997	1.098	6.41
73)		Anthracene	1.161	1.186	1.162	1.109	1.071	1.018	1.118	5.76
74)		Carbazole	1.126	1.154	1.127	1.088	1.072	1.027	1.099	4.17
75)		Di-n-butylphthala	1.265	1.269	1.266	1.221	1.193	1.155	1.228	3.83
76)	C	Fluoranthene	1.087	1.152	1.099	1.043	1.016	0.972	1.062	6.06
77)	I	Chrysene-d12	----------ISTD----------							
78)		Benzidine	0.627	0.566	0.500	0.562	0.568	0.514	0.556	8.14
79)		Pyrene	1.386	1.443	1.380	1.342	1.313	1.261	1.354	4.70
80)	S	Terphenyl-d14	0.623	0.588	0.594	0.613	0.602	0.626	0.608	2.58
81)		Butylbenzylphthal	0.606	0.594	0.594	0.604	0.607	0.598	0.601	0.97
82)		Benzo(a)anthracen	1.112	1.196	1.125	1.086	1.060	1.030	1.102	5.24
83)		3,3'-Dichlorobenz	0.385	0.347	0.365	0.384	0.378	0.364	0.371	3.97
84)		Chrysene	1.112	1.227	1.139	1.094	1.065	1.007	1.107	6.69
85)		Bis(2-ethylhexyl)	0.860	0.838	0.837	0.854	0.847	0.830	0.844	1.36
86)	c	Di-n-octyl phthal	1.430	1.321	1.378	1.449	1.475	1.473	1.421	4.25
87)		Indeno(1,2,3-cd)p	1.092	0.981	1.049	1.156	1.198	1.216	1.116	8.17
88)	I	Perylene-d12	----------ISTD----------							
89)		Benzo(b)fluoranth	1.185	1.210	1.144	1.140	1.155	1.080	1.152	3.85
90)		Benzo(k)fluoranth	1.225	1.237	1.295	1.207	1.136	1.120	1.203	5.45
91)	C	Benzo(a)pyrene	1.161	1.100	1.160	1.146	1.133	1.101	1.133	2.41
92)		Dibenzo(a,h)anthr	1.048	0.940	1.023	1.050	1.048	1.031	1.023	4.12
93)		Benzo(g,h,i)peryl	1.064	0.984	1.046	1.061	1.064	1.041	1.043	2.93

(#) = Out of Range



Method Name: Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Calibration Table Last Updated: Tue Aug 04 16:54:41 2009

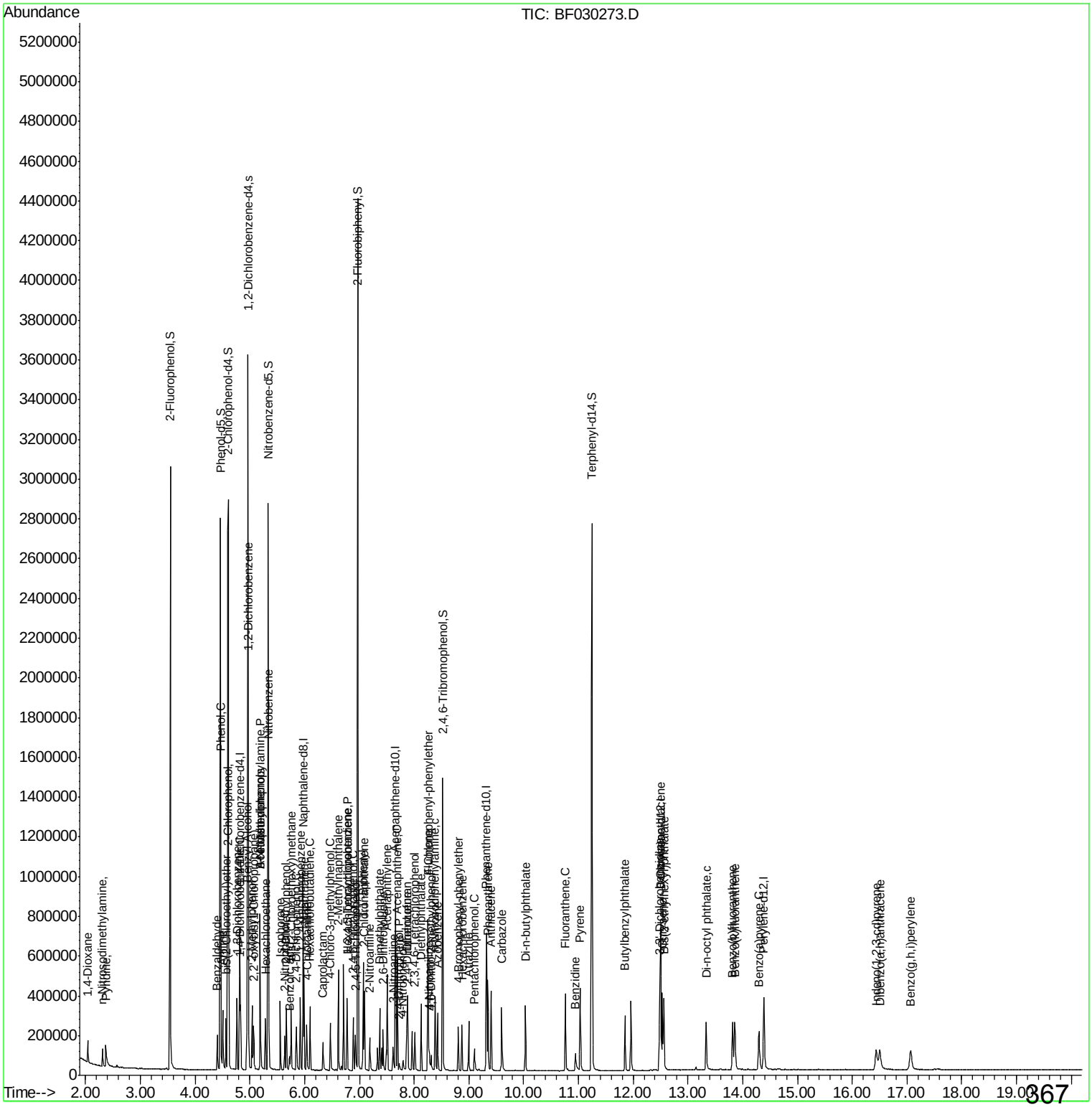


Method Name: Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Calibration Table Last Updated: Tue Aug 04 16:53:36 2009

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030273.D
Acq On : 4 Aug 2009 14:36
Operator : QM
Sample : 10 ng BNA ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

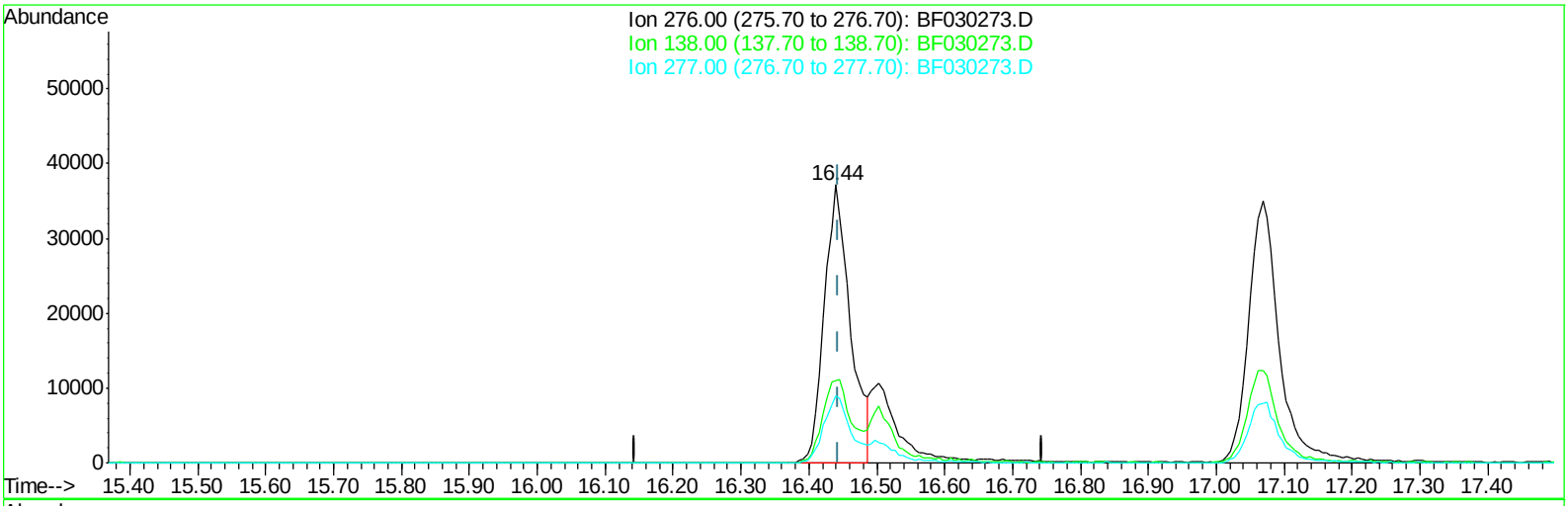
Quant Time: Aug 04 15:17:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

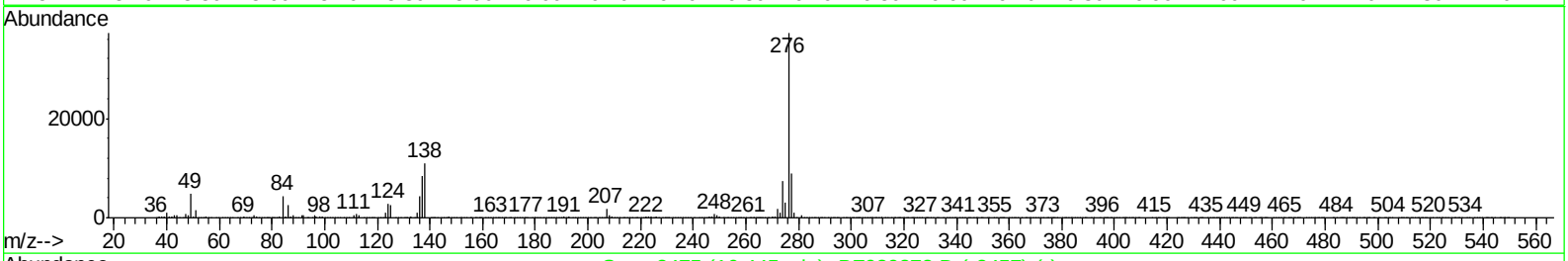


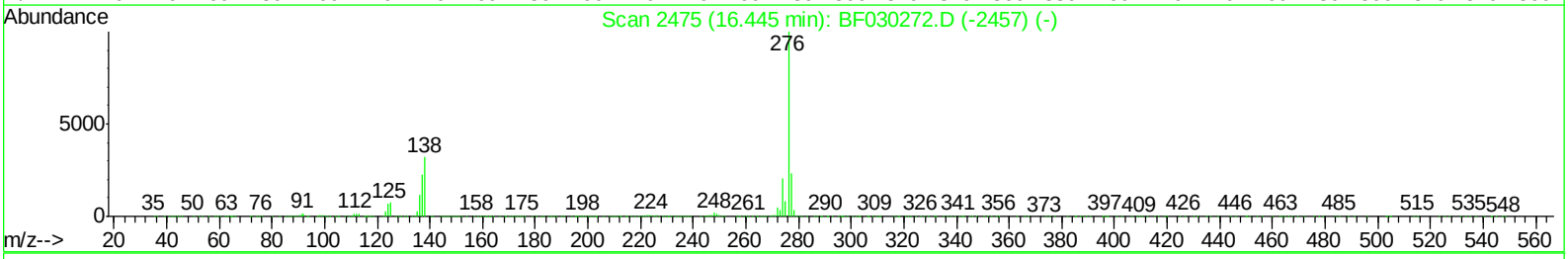
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030273.D
Acq On : 4 Aug 2009 14:36
Operator : QM
Sample : 10 ng BNA ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 15:16:11 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030273.D

(87) Indeno(1,2,3-cd)pyrene

16.439min (-0.006) 6.66ng

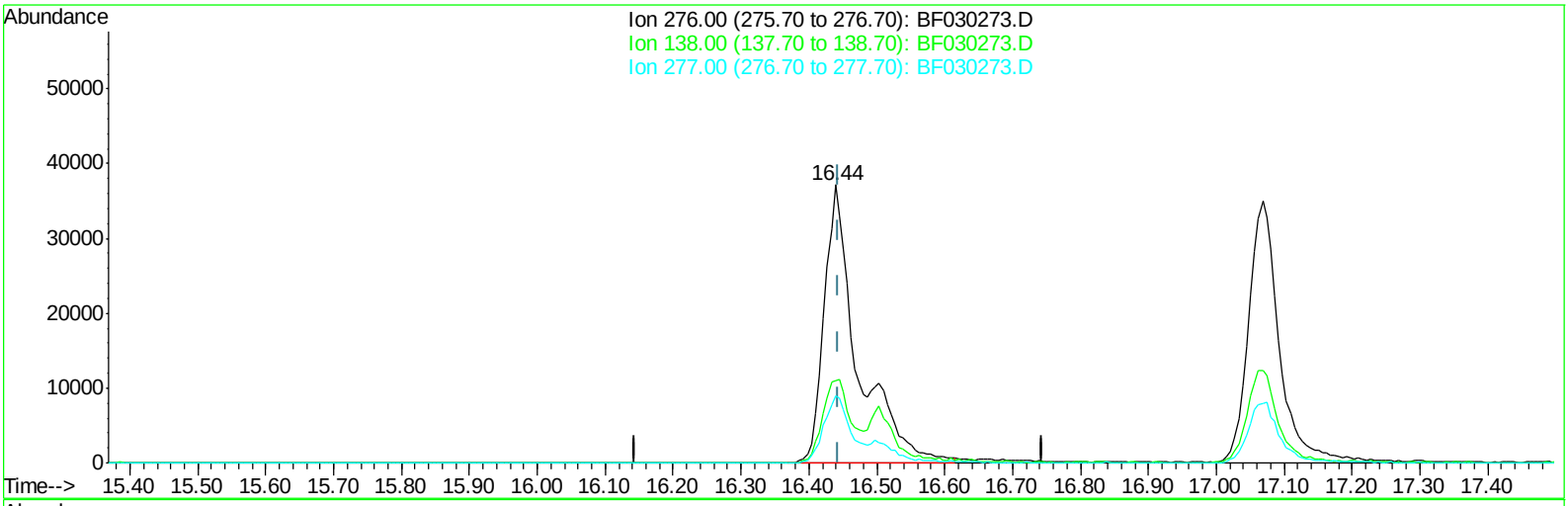
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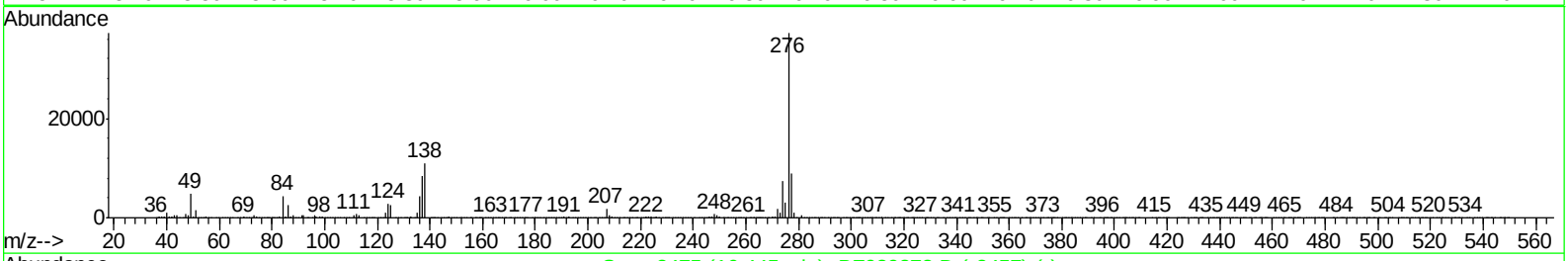
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	33.09#
277.00	19.30	25.01#
0.00	0.00	0.00

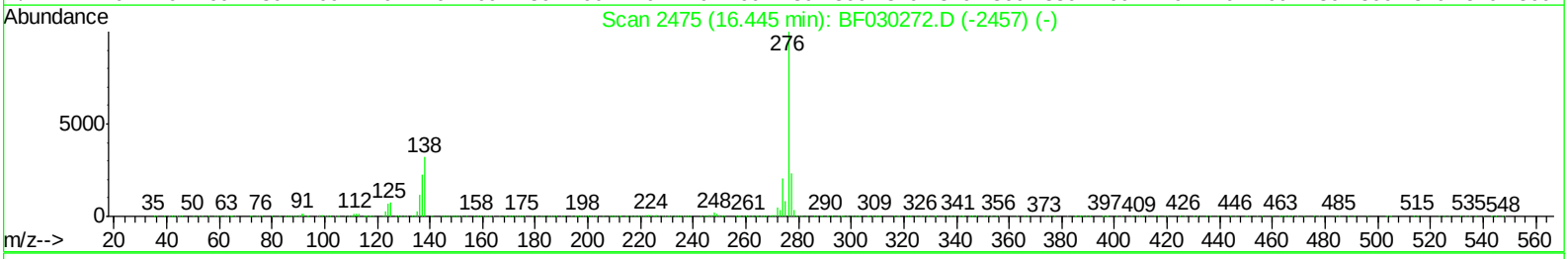
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030273.D
Acq On : 4 Aug 2009 14:36
Operator : QM
Sample : 10 ng BNA ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 15:16:11 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030273.D

(87) Indeno(1,2,3-cd)pyrene

16.439min (-0.006) 8.64ng m

response 128189

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.51
277.00	19.30	19.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030273.D
Acq On : 4 Aug 2009 14:36
Operator : QM
Sample : 10 ng BNA ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 15:17:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	105186	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	386591	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	191725	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	305032	20.00	ng		0.00
77) Chrysene-d12	12.50	240	261315	20.00	ng		0.00
88) Perylene-d12	14.39	264	221416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	935953	146.77	ng		0.00
7) Phenol-d5	4.46	99	1164566	151.84	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	874403	144.67	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	575910	144.77	ng		0.00
25) Nitrobenzene-d5	5.33	82	856105	159.87	ng		0.00
43) 2,4,6-Tribromophenol	8.52	330	190624	148.70	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1509873	147.08	ng		0.00
80) Terphenyl-d14	11.25	244	1229316	146.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	30440	10.73	ng	#	84
3) Pyridine	2.36	79	75581	10.05	ng		87
4) n-Nitrosodimethylamine	2.31	42	22391	8.22	ng	#	67
6) Aniline	4.50	93	103000	9.37	ng		99
8) 2-Chlorophenol	4.62	128	76117	10.11	ng		96
9) Benzaldehyde	4.40	77	32947	11.03	ng		98
10) Phenol	4.47	94	87877	9.90	ng		79
11) bis(2-Chloroethyl)ether	4.56	93	73366	10.51	ng		93
13) 1,3-Dichlorobenzene	4.76	146	82905	10.16	ng		98
14) 1,4-Dichlorobenzene	4.83	146	84995	10.14	ng		97
16) 1,2-Dichlorobenzene	4.97	146	80557	10.52	ng		98
17) Benzyl Alcohol	4.95	79	51502	11.56	ng		96
18) 2,2'-oxybis(1-Chloropropan	5.07	45	99663	9.16	ng		93
19) 2-Methylphenol	5.04	107	54435	9.77	ng		98
20) Hexachloroethane	5.29	117	27977	10.48	ng		89
21) n-Nitroso-di-n-propylamine	5.19	70	43577	11.06	ng	#	89
22) 3+4-Methylphenols	5.19	107	69784	10.18	ng	#	54
24) Acetophenone	5.19	105	90666	10.93	ng	#	98
26) Nitrobenzene	5.35	77	63274	11.02	ng		91
27) Isophorone	5.56	82	124205	10.71	ng		98
28) 2-Nitrophenol	5.63	139	38300	10.04	ng		97
29) 2,4-Dimethylphenol	5.66	122	61555	9.94	ng		99
30) bis(2-Chloroethoxy)methane	5.75	93	80340	10.56	ng		98
31) 2,4-Dichlorophenol	5.85	162	55120	10.16	ng		99
32) 1,2,4-Trichlorobenzene	5.92	180	60899	10.53	ng		98
33) Naphthalene	5.99	128	216680	10.44	ng		99
34) Benzoic acid	5.73	122	26042	9.16	ng		91
35) 4-Chloroaniline	6.04	127	80904	9.51	ng		98
36) Hexachlorobutadiene	6.10	225	28398	10.96	ng		97
37) Caprolactam	6.33	113	20739	9.58	ng	#	81
38) 4-Chloro-3-methylphenol	6.47	107	51375	10.12	ng		96
39) 2-Methylnaphthalene	6.62	142	131313	9.90	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030273.D
Acq On : 4 Aug 2009 14:36
Operator : QM
Sample : 10 ng BNA ICC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 15:17:31 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

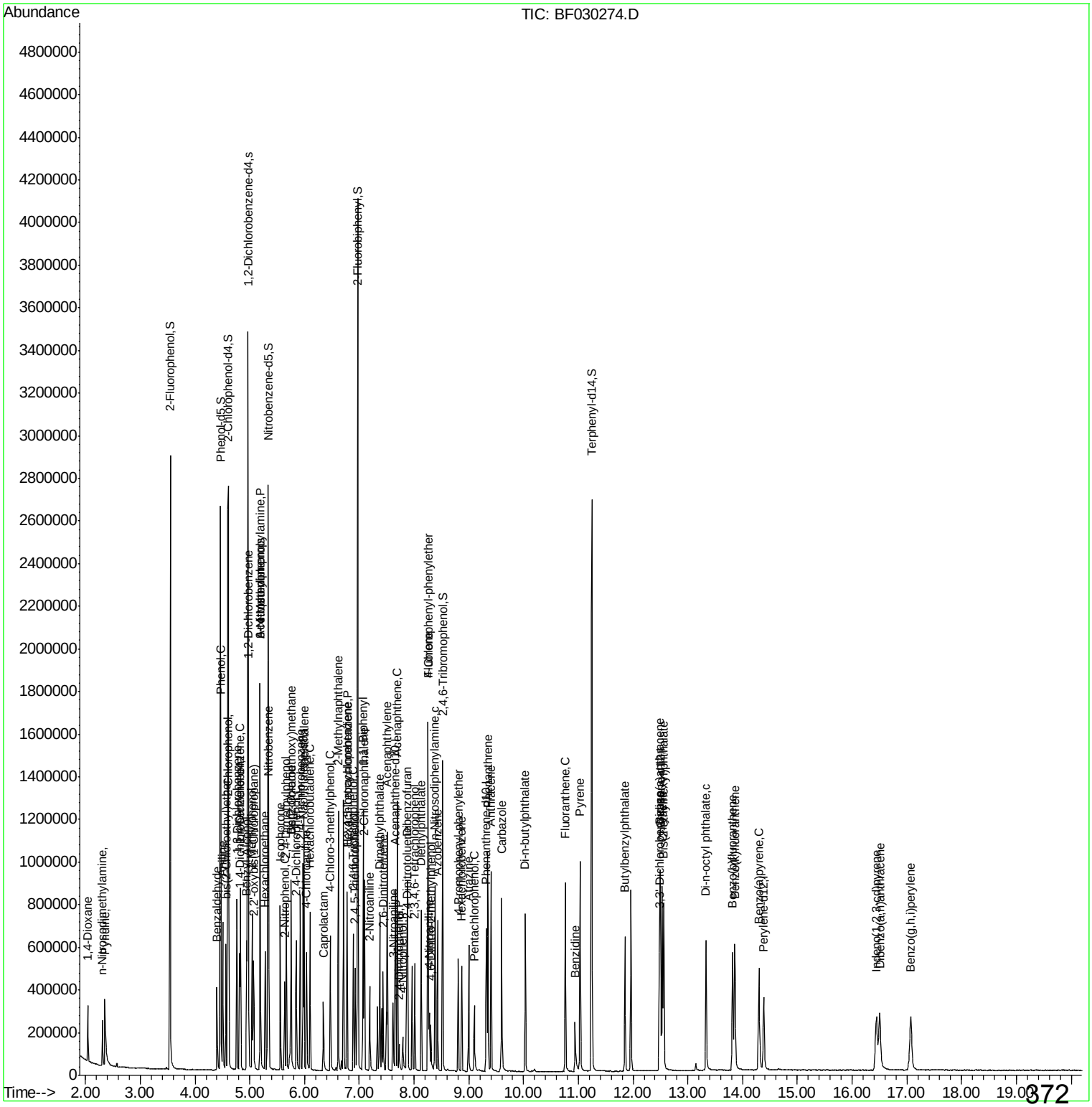
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.77	216	53670	11.45	ng		98
42) Hexachlorocyclopentadiene	6.77	237	24915	10.25	ng		99
44) 2,4,6-Trichlorophenol	6.89	196	34549	10.20	ng		98
45) 2,4,5-Trichlorophenol	6.93	196	35465	10.02	ng		99
47) 1,1'-Biphenyl	7.07	154	164328	10.64	ng		99
48) 2-Chloronaphthalene	7.09	162	122006	10.55	ng		97
49) 2-Nitroaniline	7.19	65	26875	9.30	ng		86
50) Acenaphthylene	7.51	152	201895	10.36	ng		100
51) Dimethylphthalate	7.37	163	124527	9.99	ng		99
52) 2,6-Dinitrotoluene	7.43	165	29494	9.82	ng		95
53) Acenaphthene	7.69	154	118004	10.04	ng		99
54) 3-Nitroaniline	7.62	138	30844	8.53	ng		94
55) 2,4-Dinitrophenol	7.73	184	8311	6.03	ng		94
56) Dibenzofuran	7.87	168	167803	10.38	ng		100
57) 4-Nitrophenol	7.79	139	18666	6.67	ng		92
58) 2,4-Dinitrotoluene	7.86	165	36544	9.53	ng	#	86
59) Fluorene	8.25	166	135834	10.84	ng		98
60) 2,3,4,6-Tetrachlorophenol	8.01	232	27849	10.78	ng		93
61) Diethylphthalate	8.13	149	117866	9.88	ng		98
62) 4-Chlorophenyl-phenylether	8.25	204	57130	11.01	ng		97
63) 4-Nitroaniline	8.27	138	30601	8.19	ng		97
64) Azobenzene	8.43	77	115097	10.43	ng		93
66) 4,6-Dinitro-2-methylphenol	8.31	198	14226	7.78	ng		97
67) n-Nitrosodiphenylamine	8.39	169	112492	10.80	ng		98
68) 4-Bromophenyl-phenylether	8.80	248	30420	10.46	ng		98
69) Hexachlorobenzene	8.87	284	33083	10.77	ng		97
70) Atrazine	9.00	200	28342	10.27	ng		97
71) Pentachlorophenol	9.10	266	18120	10.58	ng		95
72) Phenanthrene	9.35	178	180965	10.59	ng		98
73) Anthracene	9.40	178	180898	10.46	ng		99
74) Carbazole	9.60	167	175952	10.31	ng		97
75) Di-n-butylphthalate	10.03	149	193616	9.89	ng		100
76) Fluoranthene	10.76	202	175738	10.81	ng		99
78) Benzidine	10.95	184	73892	7.79	ng		99
79) Pyrene	11.03	202	188598	10.47	ng		100
81) Butylbenzylphthalate	11.85	149	77670	9.34	ng		95
82) Benzo(a)anthracene	12.49	228	156255	10.60	ng		99
83) 3,3'-Dichlorobenzidine	12.48	252	45368	8.34	ng		94
84) Chrysene	12.53	228	160329	11.50	ng		99
85) Bis(2-ethylhexyl)phthalate	12.56	149	109483	9.60	ng		97
86) Di-n-octyl phthalate	13.33	149	172640	8.61	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.44	276	128189m	8.64	ng		
89) Benzo(b)fluoranthene	13.82	252	133953	10.42	ng		99
90) Benzo(k)fluoranthene	13.86	252	136990	10.34	ng		97
91) Benzo(a)pyrene	14.30	252	121782	9.73	ng		99
92) Dibenzo(a,h)anthracene	16.50	278	104079	8.92	ng		96
93) Benzo(g,h,i)perylene	17.07	276	108959	9.34	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030274.D
Acq On : 4 Aug 2009 15:03
Operator : QM
Sample : 25 ng BNA ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

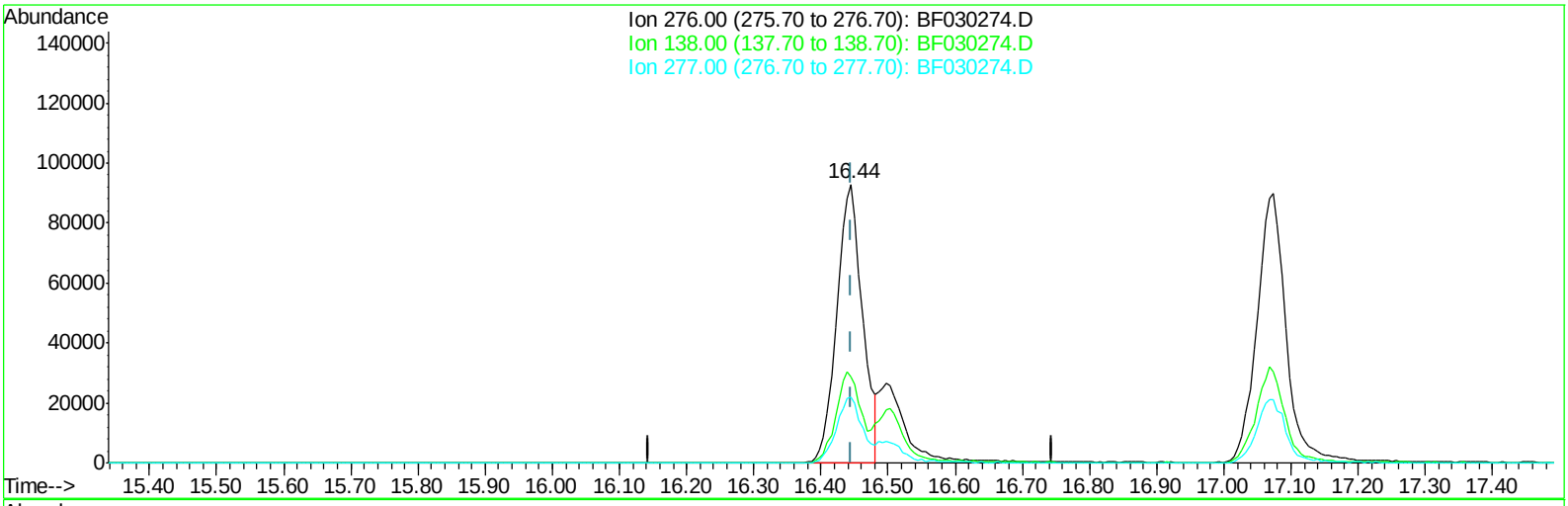
Quant Time: Aug 04 16:16:02 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

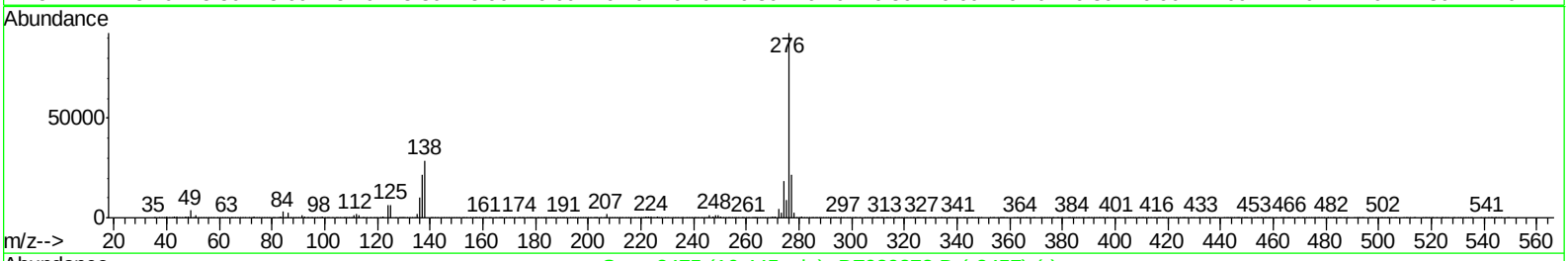


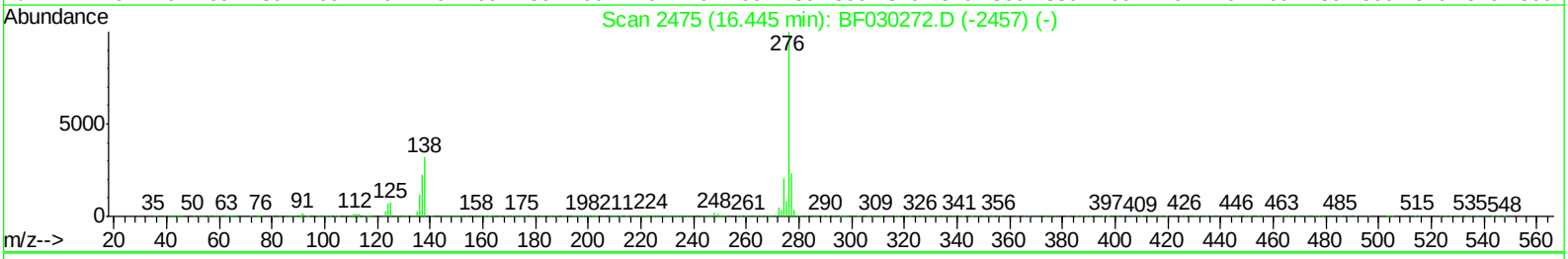
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030274.D
Acq On : 4 Aug 2009 15:03
Operator : QM
Sample : 25 ng BNA ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 16:14:49 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030274.D

(87) Indeno(1,2,3-cd)pyrene

16.445min (+0.000) 17.83ng

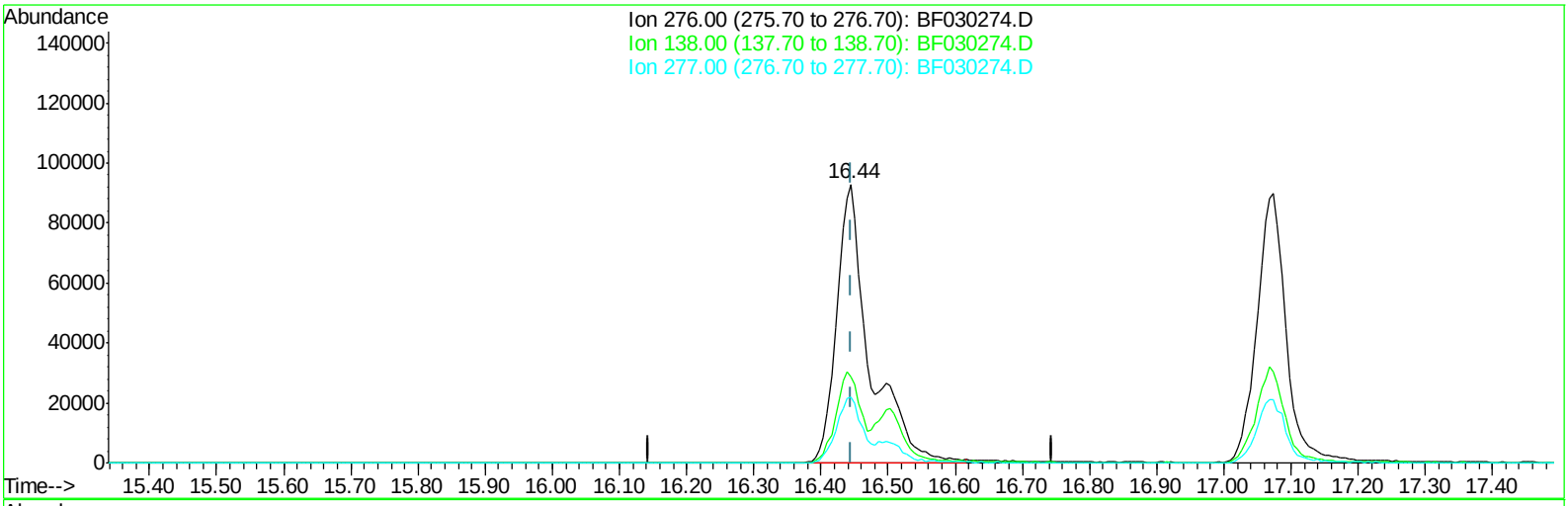
response 247234

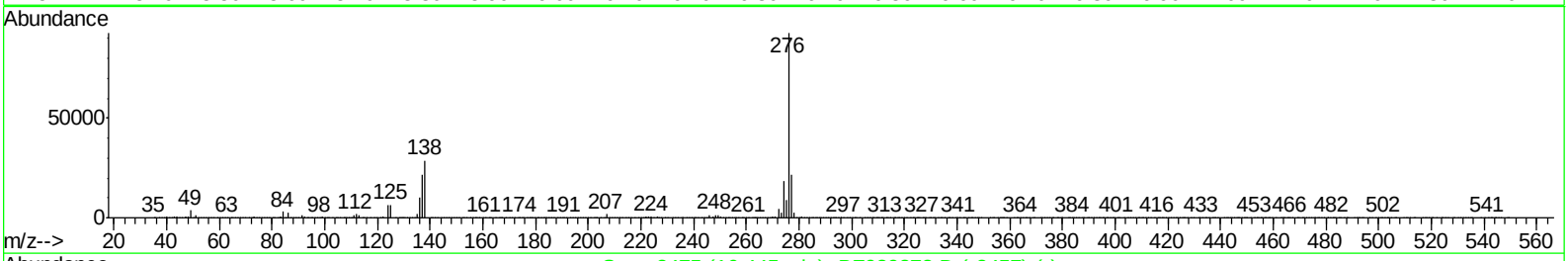
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	32.54#
277.00	19.30	24.07#
0.00	0.00	0.00

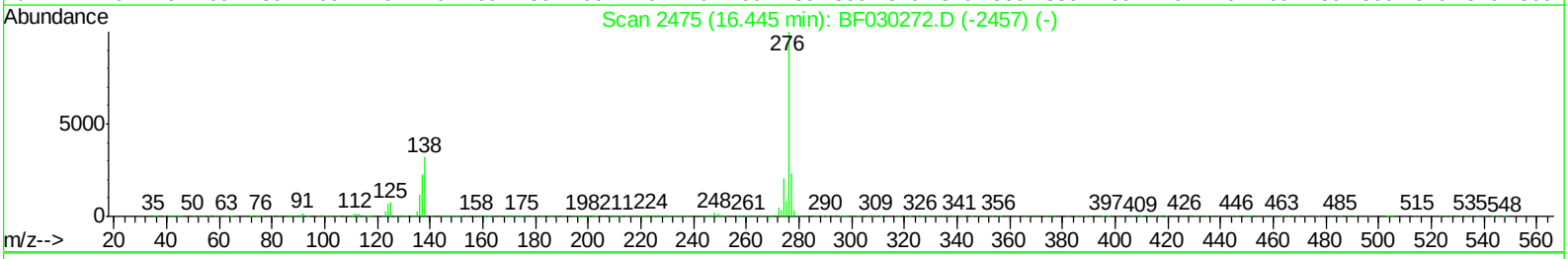
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030274.D
Acq On : 4 Aug 2009 15:03
Operator : QM
Sample : 25 ng BNA ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 16:14:49 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030274.D

(87) Indeno(1,2,3-cd)pyrene

16.445min (+0.000) 23.09ng m

response 320190

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.12
277.00	19.30	18.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030274.D
Acq On : 4 Aug 2009 15:03
Operator : QM
Sample : 25 ng BNA ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 16:16:02 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	100781	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	367806	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	179512	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	286155	20.00	ng		0.00
77) Chrysene-d12	12.50	240	244104	20.00	ng		0.00
88) Perylene-d12	14.39	264	207112	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	902072	147.64	ng		0.00
7) Phenol-d5	4.46	99	1126406	153.28	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	845451	145.99	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	557345	146.23	ng		0.00
25) Nitrobenzene-d5	5.33	82	817774	160.51	ng		0.00
43) 2,4,6-Tribromophenol	8.52	330	177943	148.25	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1447292	150.58	ng		0.00
80) Terphenyl-d14	11.25	244	1160004	147.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	73928	27.19	ng	#	82
3) Pyridine	2.35	79	171951	23.85	ng	#	81
4) n-Nitrosodimethylamine	2.31	42	54401	20.85	ng	#	57
6) Aniline	4.50	93	252773	24.01	ng		99
8) 2-Chlorophenol	4.62	128	178131	24.68	ng		97
9) Benzaldehyde	4.40	77	79467	27.76	ng		95
10) Phenol	4.48	94	204123	24.01	ng		81
11) bis(2-Chloroethyl)ether	4.56	93	168018	25.11	ng		94
13) 1,3-Dichlorobenzene	4.76	146	195124	24.97	ng		97
14) 1,4-Dichlorobenzene	4.83	146	201143	25.06	ng		99
16) 1,2-Dichlorobenzene	4.97	146	180233	24.57	ng		99
17) Benzyl Alcohol	4.94	79	113686	26.64	ng		100
18) 2,2'-oxybis(1-Chloropropan	5.07	45	232742	22.32	ng		92
19) 2-Methylphenol	5.04	107	133751	25.06	ng		97
20) Hexachloroethane	5.28	117	65882	25.75	ng		96
21) n-Nitroso-di-n-propylamine	5.19	70	98876	26.20	ng		91
22) 3+4-Methylphenols	5.19	107	162304	24.71	ng	#	61
24) Acetophenone	5.19	105	203283	25.76	ng	#	99
26) Nitrobenzene	5.35	77	145498	26.64	ng		91
27) Isophorone	5.56	82	287132	26.02	ng		98
28) 2-Nitrophenol	5.63	139	92245	25.41	ng		94
29) 2,4-Dimethylphenol	5.66	122	142873	24.25	ng		97
30) bis(2-Chloroethoxy)methane	5.75	93	186668	25.78	ng		99
31) 2,4-Dichlorophenol	5.85	162	134540	26.08	ng		97
32) 1,2,4-Trichlorobenzene	5.92	180	141373	25.68	ng		99
33) Naphthalene	5.99	128	498901	25.26	ng		99
34) Benzoic acid	5.75	122	76762	28.39	ng		94
35) 4-Chloroaniline	6.03	127	193988	23.96	ng		98
36) Hexachlorobutadiene	6.10	225	66032	26.80	ng		98
37) Caprolactam	6.35	113	48175	23.39	ng	#	77
38) 4-Chloro-3-methylphenol	6.47	107	118165	24.47	ng		100
39) 2-Methylnaphthalene	6.62	142	301886	23.91	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030274.D
Acq On : 4 Aug 2009 15:03
Operator : QM
Sample : 25 ng BNA ICC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 16:16:02 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

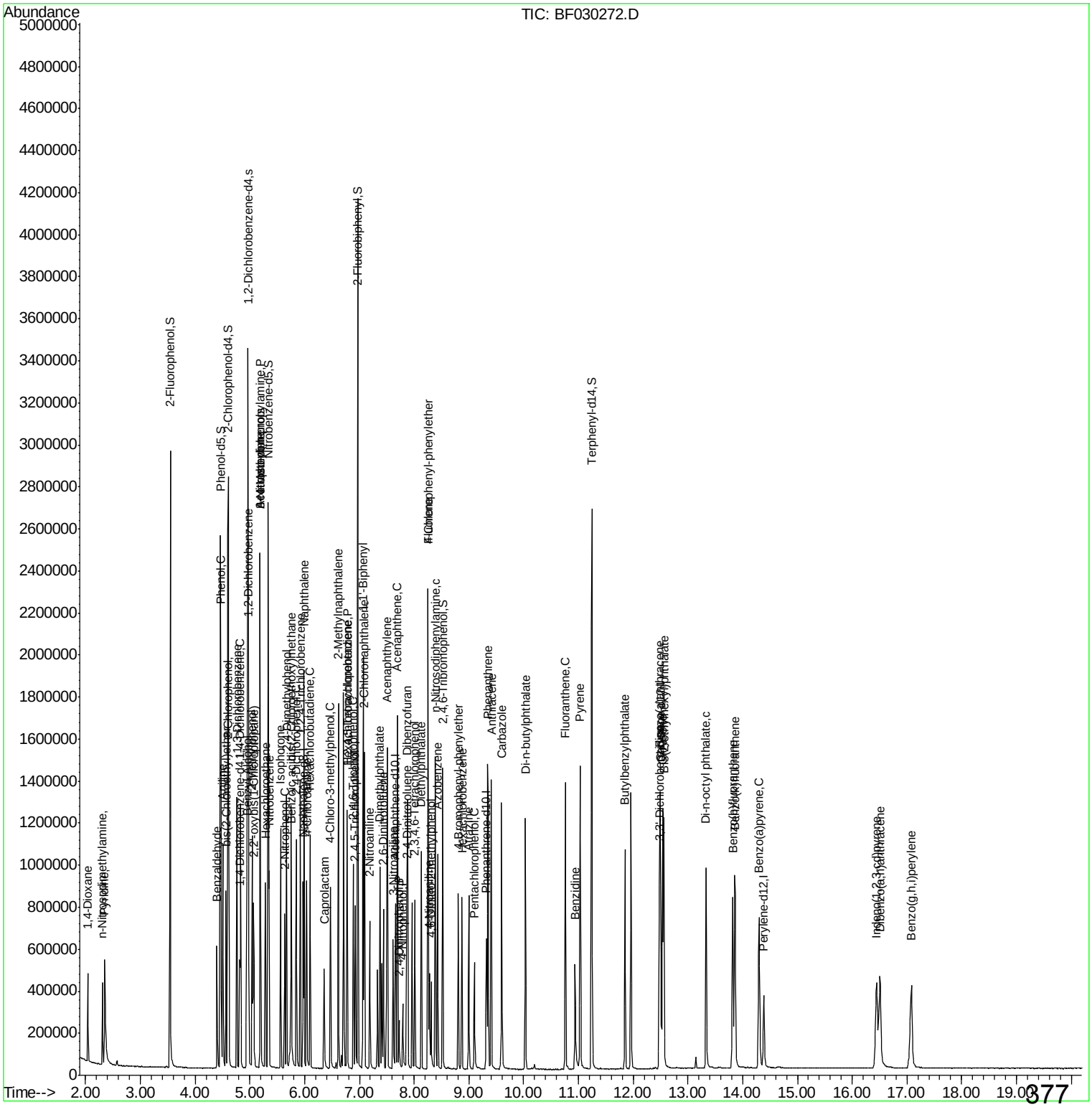
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.77	216	120151	27.37	ng		99
42) Hexachlorocyclopentadiene	6.77	237	64762	28.47	ng		98
44) 2,4,6-Trichlorophenol	6.89	196	81525	25.70	ng		97
45) 2,4,5-Trichlorophenol	6.92	196	83902	25.31	ng		97
47) 1,1'-Biphenyl	7.07	154	374416	25.88	ng		99
48) 2-Chloronaphthalene	7.09	162	278550	25.72	ng		97
49) 2-Nitroaniline	7.19	65	66045	24.40	ng		83
50) Acenaphthylene	7.51	152	463160	25.38	ng		98
51) Dimethylphthalate	7.37	163	284250	24.36	ng		100
52) 2,6-Dinitrotoluene	7.43	165	70867	25.19	ng		97
53) Acenaphthene	7.69	154	269515	24.49	ng		99
54) 3-Nitroaniline	7.62	138	77281	22.81	ng		97
55) 2,4-Dinitrophenol	7.73	184	29207	22.65	ng		91
56) Dibenzofuran	7.87	168	382636	25.27	ng		99
57) 4-Nitrophenol	7.79	139	51540	19.66	ng		89
58) 2,4-Dinitrotoluene	7.86	165	87704	24.43	ng	#	82
59) Fluorene	8.25	166	298736	25.47	ng		100
60) 2,3,4,6-Tetrachlorophenol	8.01	232	65778	27.20	ng		92
61) Diethylphthalate	8.13	149	270666	24.24	ng		98
62) 4-Chlorophenyl-phenylether	8.25	204	127222	26.18	ng		97
63) 4-Nitroaniline	8.27	138	74366	21.26	ng		98
64) Azobenzene	8.43	77	267324	25.86	ng		95
66) 4,6-Dinitro-2-methylphenol	8.31	198	40721	23.75	ng		94
67) n-Nitrosodiphenylamine	8.38	169	255688	26.16	ng		97
68) 4-Bromophenyl-phenylether	8.80	248	71897	26.36	ng		95
69) Hexachlorobenzene	8.87	284	74652	25.90	ng		93
70) Atrazine	9.00	200	64909	25.07	ng		93
71) Pentachlorophenol	9.10	266	41376	25.76	ng		99
72) Phenanthrene	9.35	178	408565	25.49	ng		100
73) Anthracene	9.40	178	415571	25.62	ng		99
74) Carbazole	9.60	167	403296	25.18	ng		99
75) Di-n-butylphthalate	10.03	149	452882	24.66	ng		100
76) Fluoranthene	10.76	202	393059	25.76	ng		99
78) Benzidine	10.94	184	152563	17.23	ng		98
79) Pyrene	11.03	202	421133	25.03	ng		99
81) Butylbenzylphthalate	11.85	149	181198	23.33	ng		93
82) Benzo(a)anthracene	12.49	228	343394	24.93	ng		99
83) 3,3'-Dichlorobenzidine	12.47	252	111513	21.95	ng		99
84) Chrysene	12.53	228	347617	26.69	ng		99
85) Bis(2-ethylhexyl)phthalate	12.56	149	255438	23.97	ng		98
86) Di-n-octyl phthalate	13.33	149	420561	22.45	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.44	276	320190m	23.09	ng		
89) Benzo(b)fluoranthene	13.82	252	296119	24.61	ng		99
90) Benzo(k)fluoranthene	13.86	252	335257	27.05	ng		98
91) Benzo(a)pyrene	14.30	252	300189	25.64	ng		100
92) Dibenzo(a,h)anthracene	16.50	278	264959	24.28	ng		99
93) Benzo(g,h,i)perylene	17.07	276	270900	24.83	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030272.D
Acq On : 4 Aug 2009 14:00
Operator : QM
Sample : 40 ng BNA ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

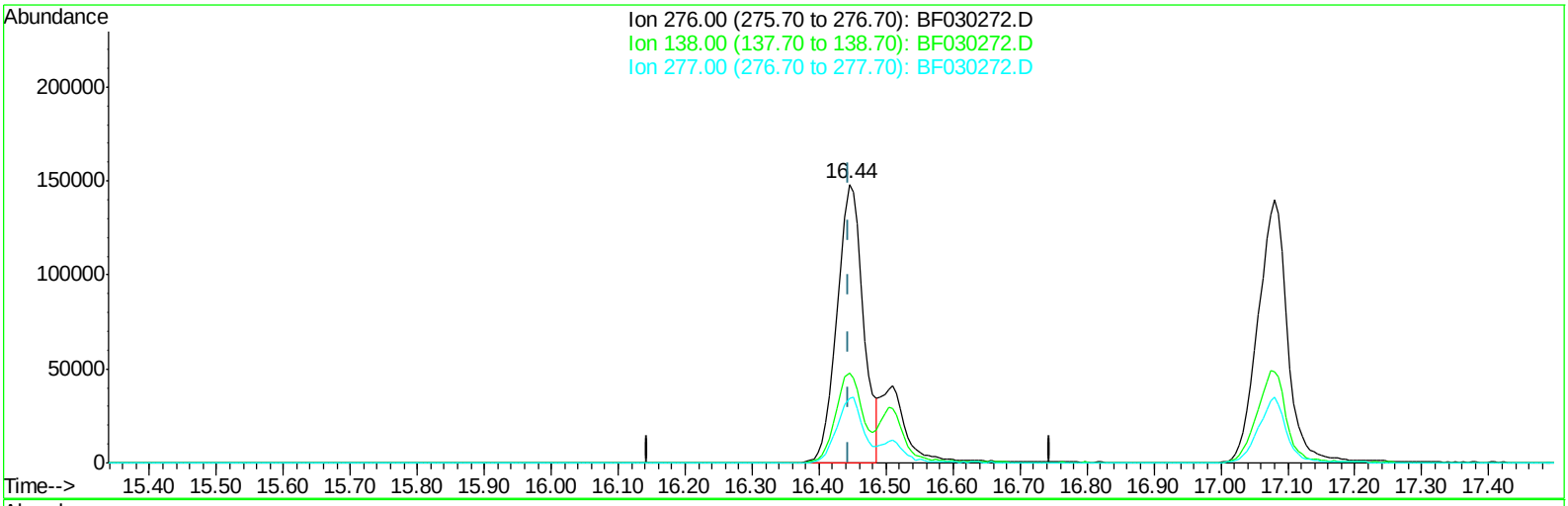
Quant Time: Aug 04 15:15:37 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

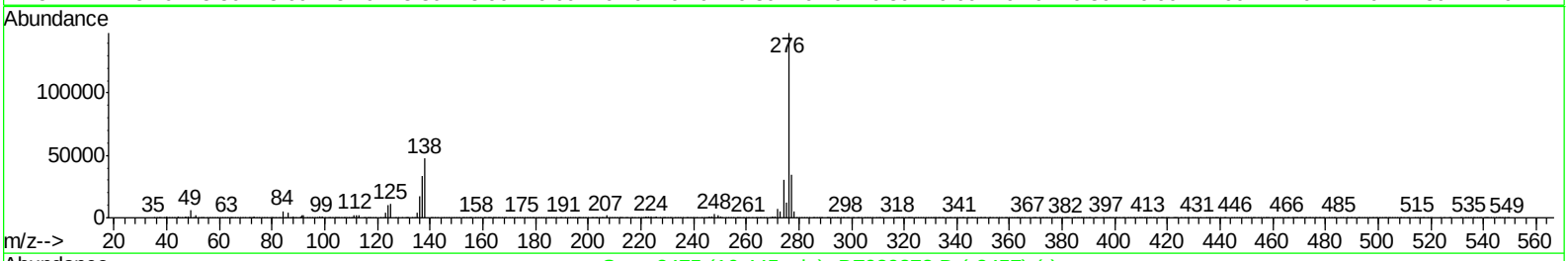


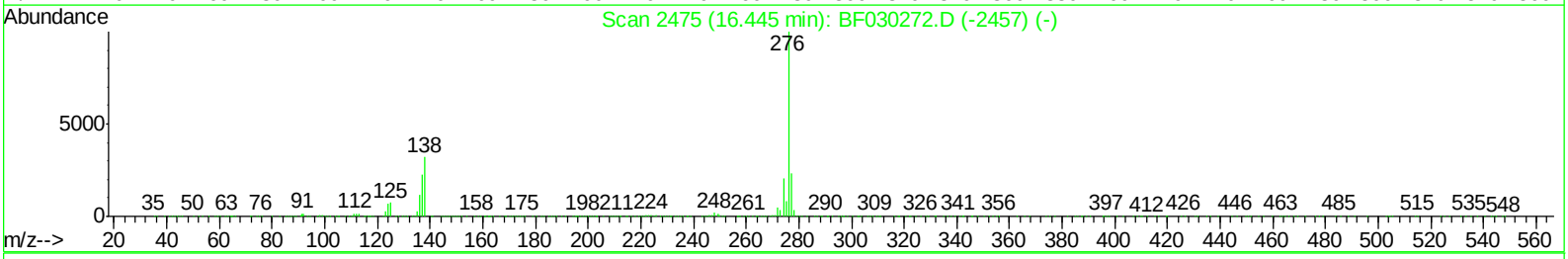
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030272.D
Acq On : 4 Aug 2009 14:00
Operator : QM
Sample : 40 ng BNA ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 15:14:16 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030272.D

(87) Indeno(1,2,3-cd)pyrene

16.445min (0.000) 30.47ng

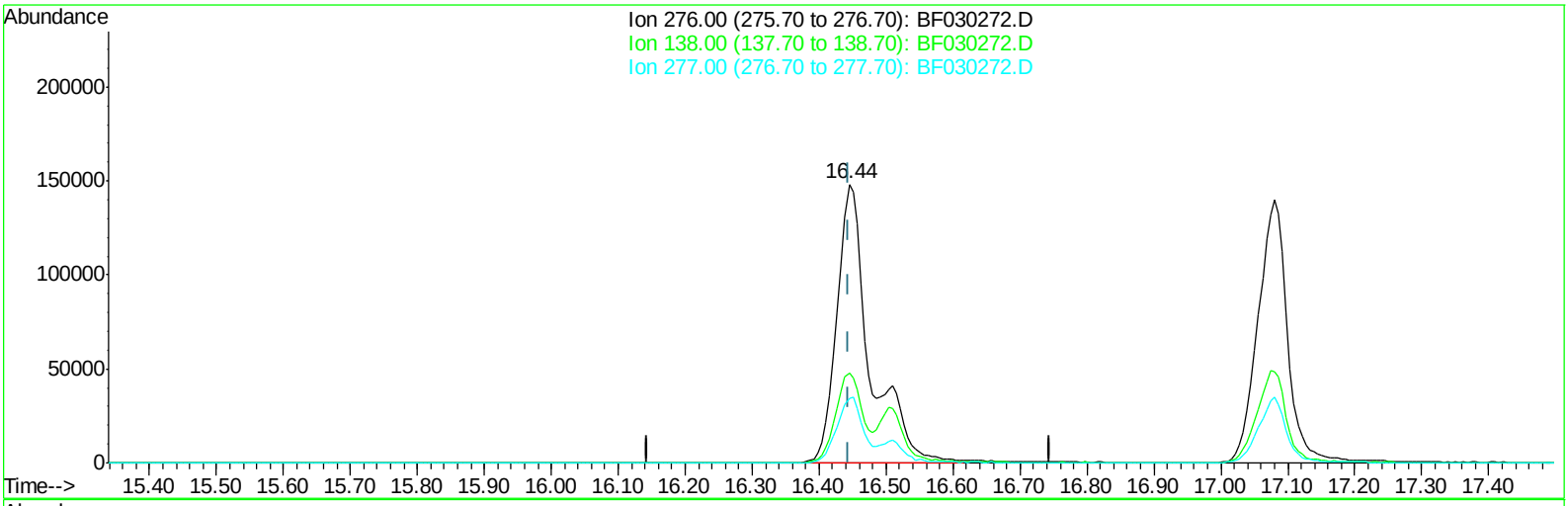
response 404442

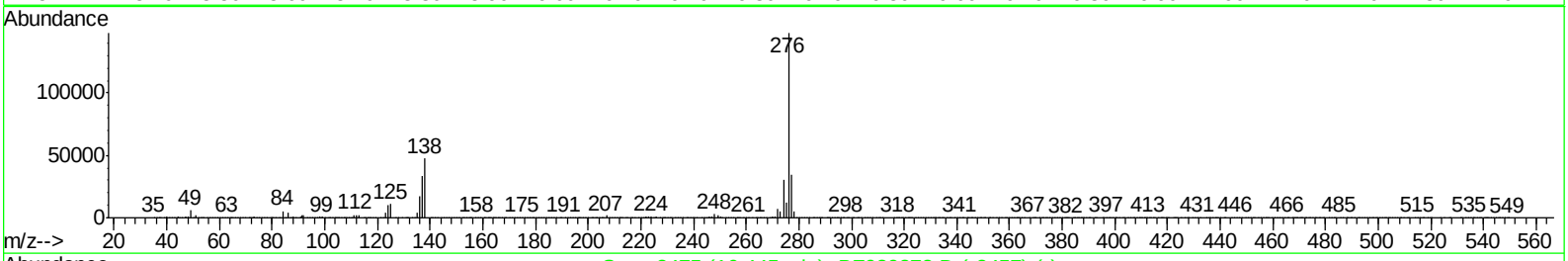
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	33.04#
277.00	19.30	23.66#
0.00	0.00	0.00

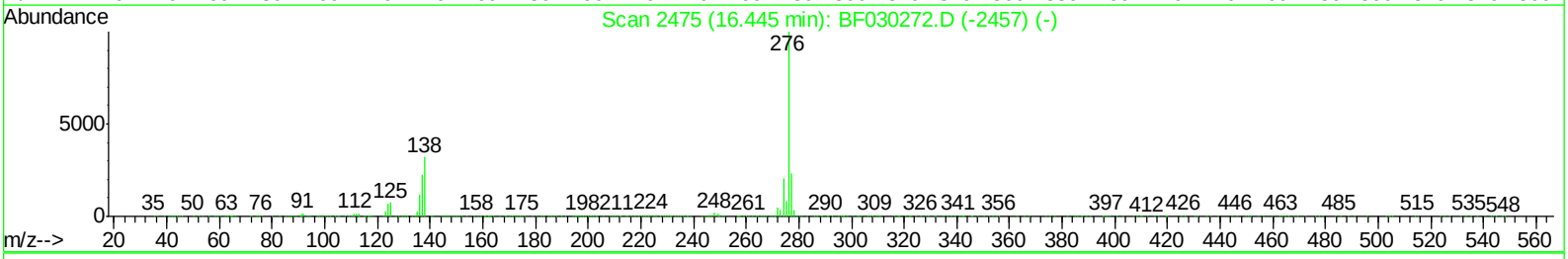
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030272.D
Acq On : 4 Aug 2009 14:00
Operator : QM
Sample : 40 ng BNA ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 15:14:16 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030272.D

(87) Indeno(1,2,3-cd)pyrene

16.445min (0.000) 38.47ng m

response 510568

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	26.17
277.00	19.30	18.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030272.D
Acq On : 4 Aug 2009 14:00
Operator : QM
Sample : 40 ng BNA ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 15:15:37 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	100550	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	363621	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	179228	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	277092	20.00	ng		0.00
77) Chrysene-d12	12.50	240	233672	20.00	ng		0.00
88) Perylene-d12	14.39	264	203188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	907081	148.80	ng		0.00
7) Phenol-d5	4.46	99	1134666	154.76	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	841589	145.66	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	557803	146.68	ng		0.00
25) Nitrobenzene-d5	5.33	82	818984	162.60	ng		0.00
43) 2,4,6-Tribromophenol	8.53	330	179089	149.45	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1452299	151.34	ng		0.00
80) Terphenyl-d14	11.24	244	1164941	155.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	116318	42.88	ng	#	83
3) Pyridine	2.35	79	290792	40.43	ng	#	80
4) n-Nitrosodimethylamine	2.31	42	88649	34.05	ng	#	61
6) Aniline	4.50	93	401003	38.18	ng		99
8) 2-Chlorophenol	4.62	128	274529	38.13	ng		98
9) Benzaldehyde	4.40	77	112613	39.42	ng		94
10) Phenol	4.47	94	319682	37.69	ng		84
11) bis(2-Chloroethyl)ether	4.56	93	265098	39.71	ng		94
13) 1,3-Dichlorobenzene	4.76	146	303566	38.93	ng		99
14) 1,4-Dichlorobenzene	4.83	146	308628	38.53	ng		99
16) 1,2-Dichlorobenzene	4.97	146	272846	37.28	ng		98
17) Benzyl Alcohol	4.95	79	177238	41.62	ng		96
18) 2,2'-oxybis(1-Chloropropan	5.07	45	365057	35.09	ng		92
19) 2-Methylphenol	5.05	107	206356	38.75	ng		96
20) Hexachloroethane	5.29	117	102023	39.97	ng	#	86
21) n-Nitroso-di-n-propylamine	5.19	70	147975	39.30	ng		91
22) 3+4-Methylphenols	5.19	107	245077	37.40	ng	#	70
24) Acetophenone	5.19	105	303837	38.95	ng	#	95
26) Nitrobenzene	5.35	77	226611	41.97	ng		98
27) Isophorone	5.56	82	453468	41.57	ng		100
28) 2-Nitrophenol	5.63	139	144608	40.29	ng		96
29) 2,4-Dimethylphenol	5.67	122	225717	38.76	ng		98
30) bis(2-Chloroethoxy)methane	5.75	93	288646	40.33	ng		98
31) 2,4-Dichlorophenol	5.85	162	207704	40.72	ng		98
32) 1,2,4-Trichlorobenzene	5.92	180	215622	39.62	ng		98
33) Naphthalene	5.99	128	766485	39.25	ng		100
34) Benzoic acid	5.76	122	141873	53.07	ng		97
35) 4-Chloroaniline	6.04	127	305484	38.16	ng		98
36) Hexachlorobutadiene	6.10	225	102706	42.16	ng		100
37) Caprolactam	6.36	113	77894	38.26	ng	#	79
38) 4-Chloro-3-methylphenol	6.47	107	189439	39.68	ng		95
39) 2-Methylnaphthalene	6.62	142	470644	37.71	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030272.D
Acq On : 4 Aug 2009 14:00
Operator : QM
Sample : 40 ng BNA ICC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 15:15:37 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

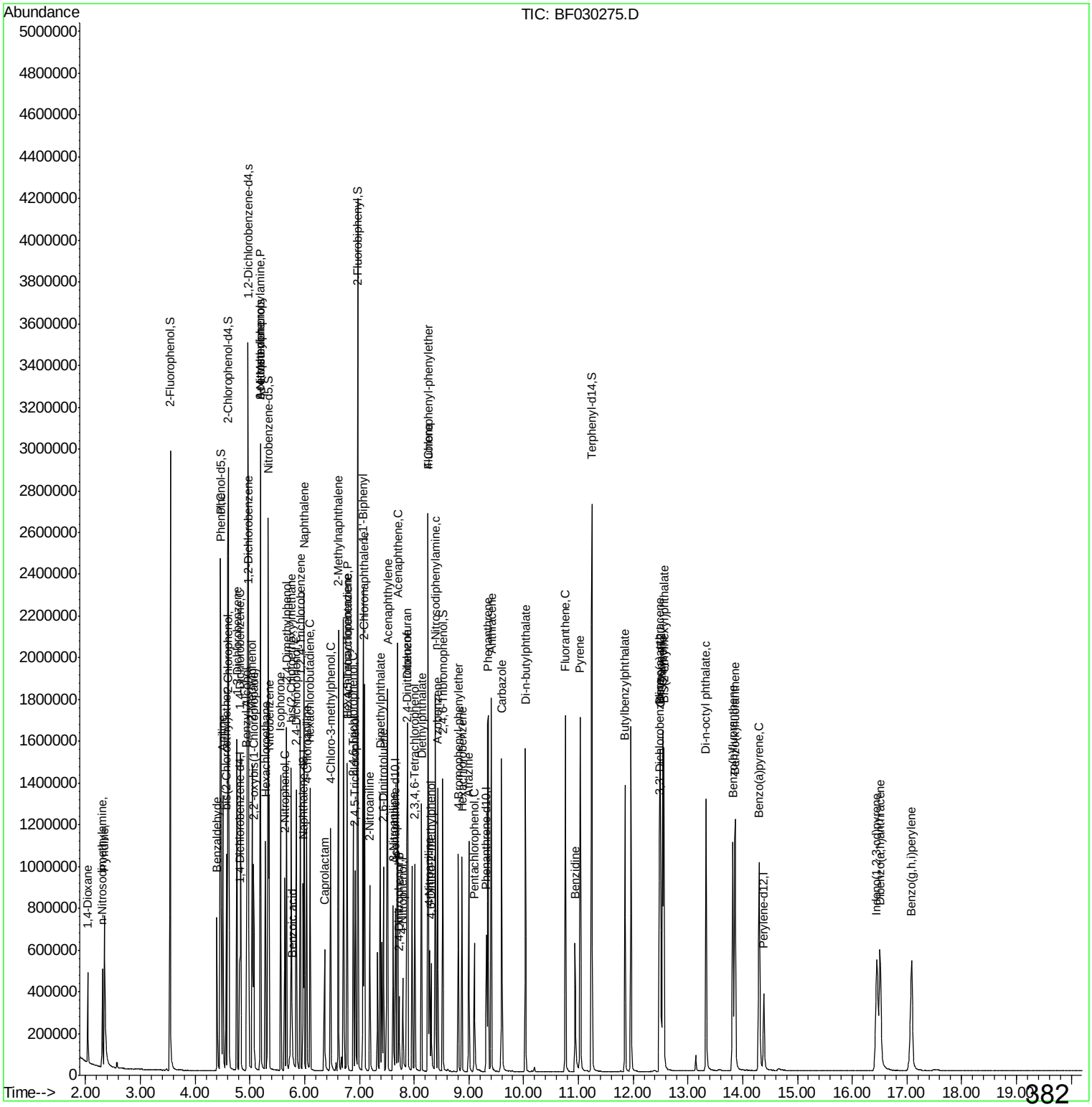
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.78	216	181786	41.48	ng		99
42) Hexachlorocyclopentadiene	6.77	237	105015	46.23	ng		96
44) 2,4,6-Trichlorophenol	6.89	196	129297	40.82	ng		98
45) 2,4,5-Trichlorophenol	6.93	196	133796	40.43	ng		98
47) 1,1'-Biphenyl	7.07	154	574255	39.76	ng		98
48) 2-Chloronaphthalene	7.09	162	429624	39.74	ng		99
49) 2-Nitroaniline	7.19	65	105302	38.96	ng		91
50) Acenaphthylene	7.51	152	710710	39.01	ng		99
51) Dimethylphthalate	7.38	163	446768	38.34	ng		98
52) 2,6-Dinitrotoluene	7.44	165	110929	39.49	ng		95
53) Acenaphthene	7.69	154	415029	37.78	ng		100
54) 3-Nitroaniline	7.62	138	124868	36.92	ng		98
55) 2,4-Dinitrophenol	7.73	184	50203	38.99	ng		92
56) Dibenzofuran	7.88	168	588664	38.94	ng		98
57) 4-Nitrophenol	7.79	139	90643	34.64	ng		86
58) 2,4-Dinitrotoluene	7.86	165	135709	37.87	ng	#	89
59) Fluorene	8.25	166	444913	37.99	ng		98
60) 2,3,4,6-Tetrachlorophenol	8.01	232	102624	42.50	ng	#	93
61) Diethylphthalate	8.13	149	415151	37.24	ng		97
62) 4-Chlorophenyl-phenylether	8.25	204	185955	38.32	ng		93
63) 4-Nitroaniline	8.28	138	122384	35.04	ng		98
64) Azobenzene	8.43	77	415826	40.29	ng		94
66) 4,6-Dinitro-2-methylphenol	8.31	198	68585	41.31	ng		97
67) n-Nitrosodiphenylamine	8.39	169	398935	42.15	ng		98
68) 4-Bromophenyl-phenylether	8.80	248	111914	42.38	ng		99
69) Hexachlorobenzene	8.87	284	115610	41.42	ng		97
70) Atrazine	9.00	200	102946	41.07	ng		97
71) Pentachlorophenol	9.10	266	71619	46.05	ng		99
72) Phenanthrene	9.35	178	632037	40.72	ng		100
73) Anthracene	9.41	178	643274	40.96	ng		99
74) Carbazole	9.60	167	624129	40.25	ng		99
75) Di-n-butylphthalate	10.03	149	700915	39.42	ng		100
76) Fluoranthene	10.76	202	602399	40.77	ng		98
78) Benzidine	10.94	184	293255	34.59	ng		99
79) Pyrene	11.03	202	647735	40.21	ng		100
81) Butylbenzylphthalate	11.85	149	283358	38.12	ng		95
82) Benzo(a)anthracene	12.49	228	519633	39.41	ng		98
83) 3,3'-Dichlorobenzidine	12.47	252	180033	37.02	ng		96
84) Chrysene	12.54	228	519519	41.67	ng		98
85) Bis(2-ethylhexyl)phthalate	12.56	149	402000	39.42	ng		98
86) Di-n-octyl phthalate	13.33	149	668342	37.26	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.44	276	510568m	38.47	ng		
89) Benzo(b)fluoranthene	13.82	252	481551	40.80	ng		99
90) Benzo(k)fluoranthene	13.86	252	498010	40.96	ng		99
91) Benzo(a)pyrene	14.30	252	471743	41.08	ng		99
92) Dibenzo(a,h)anthracene	16.51	278	425718	39.76	ng		99
93) Benzo(g,h,i)perylene	17.08	276	432463	40.41	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030275.D
Acq On : 4 Aug 2009 15:31
Operator : QM
Sample : 50 ng BNA ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

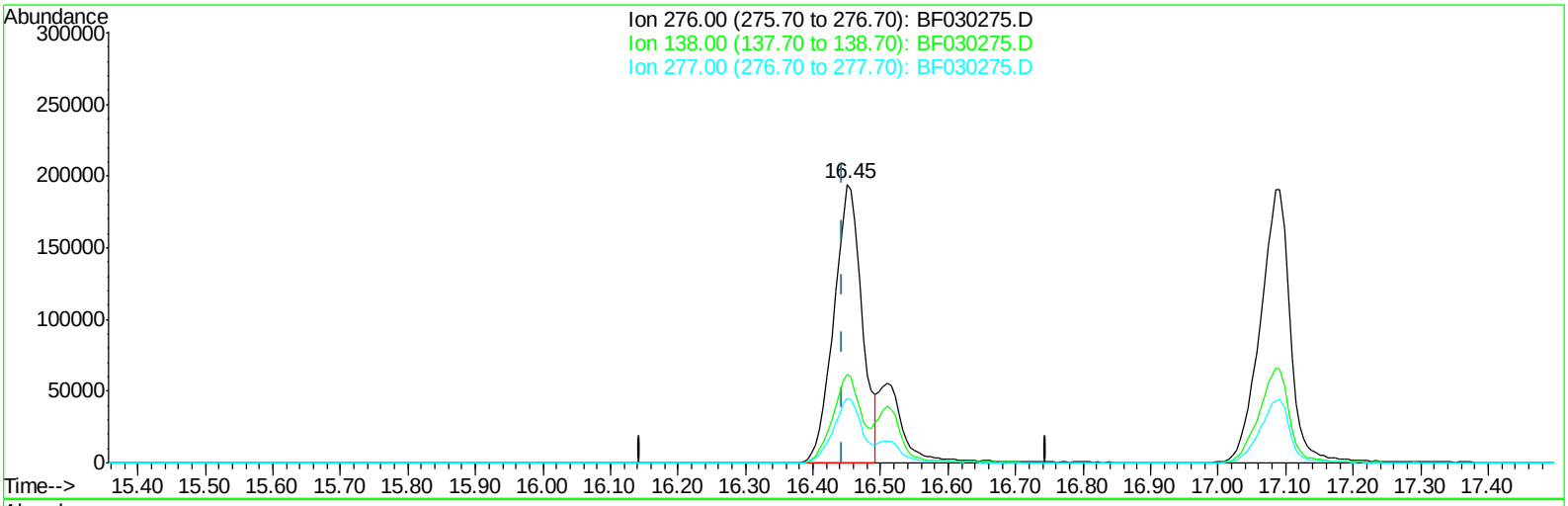
Quant Time: Aug 04 16:17:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

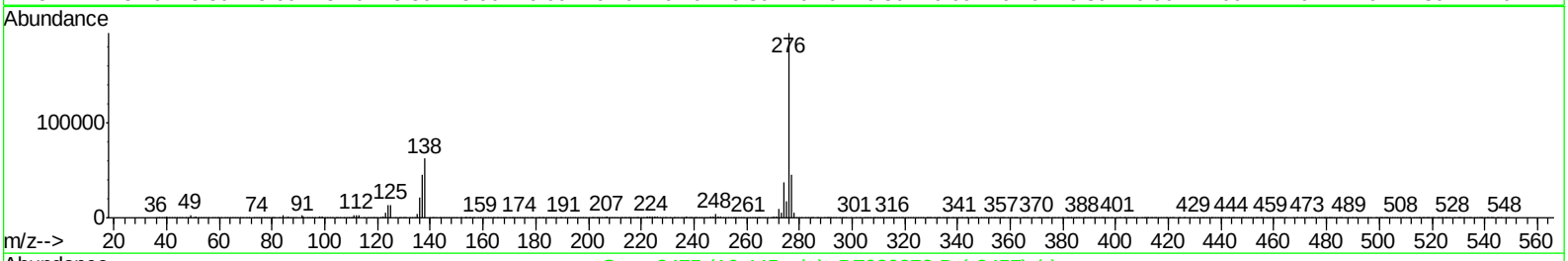


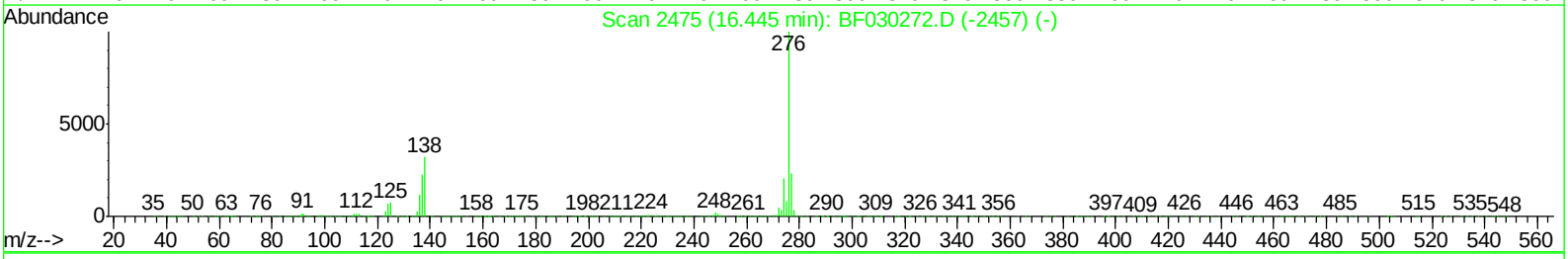
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030275.D
Acq On : 4 Aug 2009 15:31
Operator : QM
Sample : 50 ng BNA ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 16:16:33 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030275.D

(87) Indeno(1,2,3-cd)pyrene

16.451min (+0.006) 40.68ng

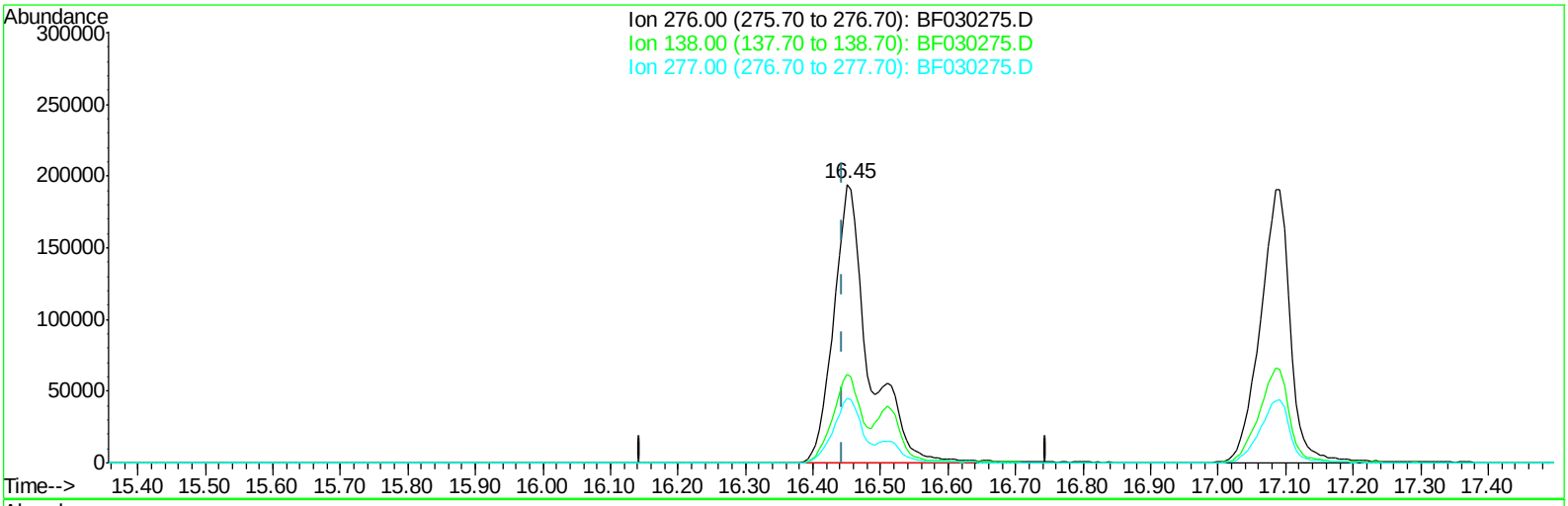
response 561943

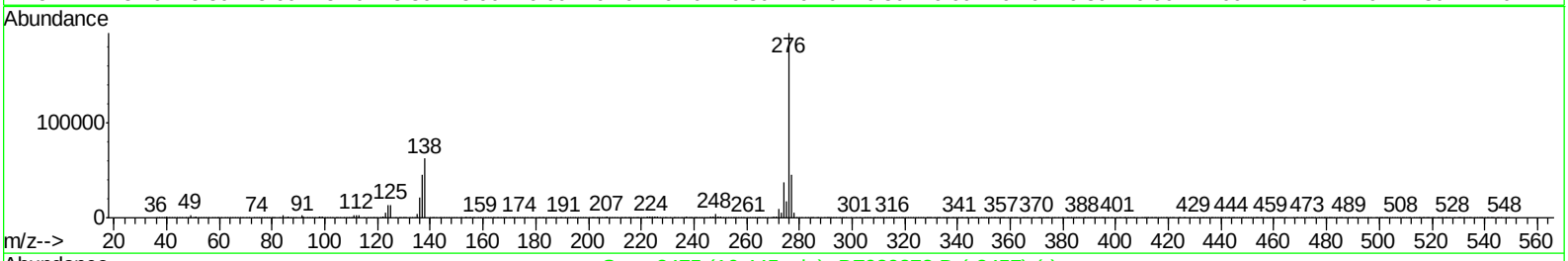
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	32.43#
277.00	19.30	23.83#
0.00	0.00	0.00

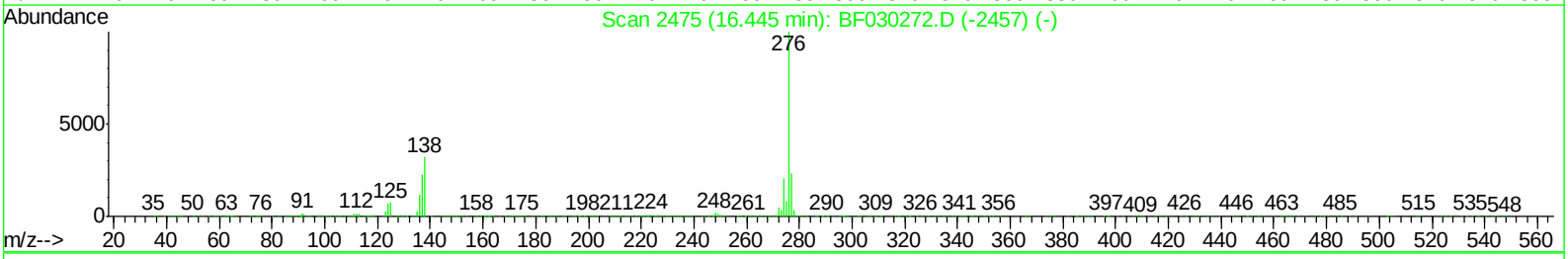
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030275.D
Acq On : 4 Aug 2009 15:31
Operator : QM
Sample : 50 ng BNA ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 16:16:33 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030275.D

(87) Indeno(1,2,3-cd)pyrene

16.451min (+0.006) 50.90ng m

response 703166

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.92
277.00	19.30	19.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030275.D
Acq On : 4 Aug 2009 15:31
Operator : QM
Sample : 50 ng BNA ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 16:17:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	102707	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	369381	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	181324	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	290251	20.00	ng		0.00
77) Chrysene-d12	12.50	240	243222	20.00	ng		0.00
88) Perylene-d12	14.39	264	221062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	913200	146.66	ng		0.00
7) Phenol-d5	4.46	99	1139621	152.17	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	863583	146.33	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	556467	143.26	ng		0.00
25) Nitrobenzene-d5	5.33	82	836520	163.49	ng		0.00
43) 2,4,6-Tribromophenol	8.53	330	182339	150.40	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1450385	149.39	ng		0.00
80) Terphenyl-d14	11.24	244	1192471	152.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	145083	52.36	ng	#	83
3) Pyridine	2.34	79	371686	50.60	ng	#	81
4) n-Nitrosodimethylamine	2.31	42	112461	42.29	ng	#	60
6) Aniline	4.50	93	502697	46.86	ng		99
8) 2-Chlorophenol	4.62	128	337414	45.88	ng		98
9) Benzaldehyde	4.40	77	145758	49.95	ng		97
10) Phenol	4.47	94	397826	45.92	ng		85
11) bis(2-Chloroethyl)ether	4.57	93	326735	47.91	ng		90
13) 1,3-Dichlorobenzene	4.76	146	374616	47.03	ng		99
14) 1,4-Dichlorobenzene	4.83	146	382696	46.78	ng		97
16) 1,2-Dichlorobenzene	4.97	146	333861	44.66	ng		99
17) Benzyl Alcohol	4.95	79	220846	50.77	ng		99
18) 2,2'-oxybis(1-Chloropropan	5.07	45	457879	43.08	ng		93
19) 2-Methylphenol	5.05	107	258674	47.55	ng		98
20) Hexachloroethane	5.29	117	125310	48.06	ng	#	86
21) n-Nitroso-di-n-propylamine	5.19	70	178312	46.36	ng		93
22) 3+4-Methylphenols	5.19	107	292551	43.71	ng	#	72
24) Acetophenone	5.19	105	361402	45.61	ng	#	99
26) Nitrobenzene	5.35	77	285325	52.02	ng		97
27) Isophorone	5.56	82	561884	50.70	ng		99
28) 2-Nitrophenol	5.63	139	183168	50.24	ng		97
29) 2,4-Dimethylphenol	5.67	122	274428	46.39	ng		99
30) bis(2-Chloroethoxy)methane	5.75	93	350730	48.24	ng		98
31) 2,4-Dichlorophenol	5.85	162	259131	50.01	ng		99
32) 1,2,4-Trichlorobenzene	5.92	180	266385	48.19	ng		98
33) Naphthalene	5.99	128	928492	46.80	ng		100
34) Benzoic acid	5.77	122	194311	71.55	ng		98
35) 4-Chloroaniline	6.04	127	378271	46.52	ng		98
36) Hexachlorobutadiene	6.10	225	125502	50.72	ng		100
37) Caprolactam	6.36	113	99016	47.88	ng	#	79
38) 4-Chloro-3-methylphenol	6.47	107	237195	48.91	ng		98
39) 2-Methylnaphthalene	6.62	142	574607	45.32	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030275.D
Acq On : 4 Aug 2009 15:31
Operator : QM
Sample : 50 ng BNA ICC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 16:17:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

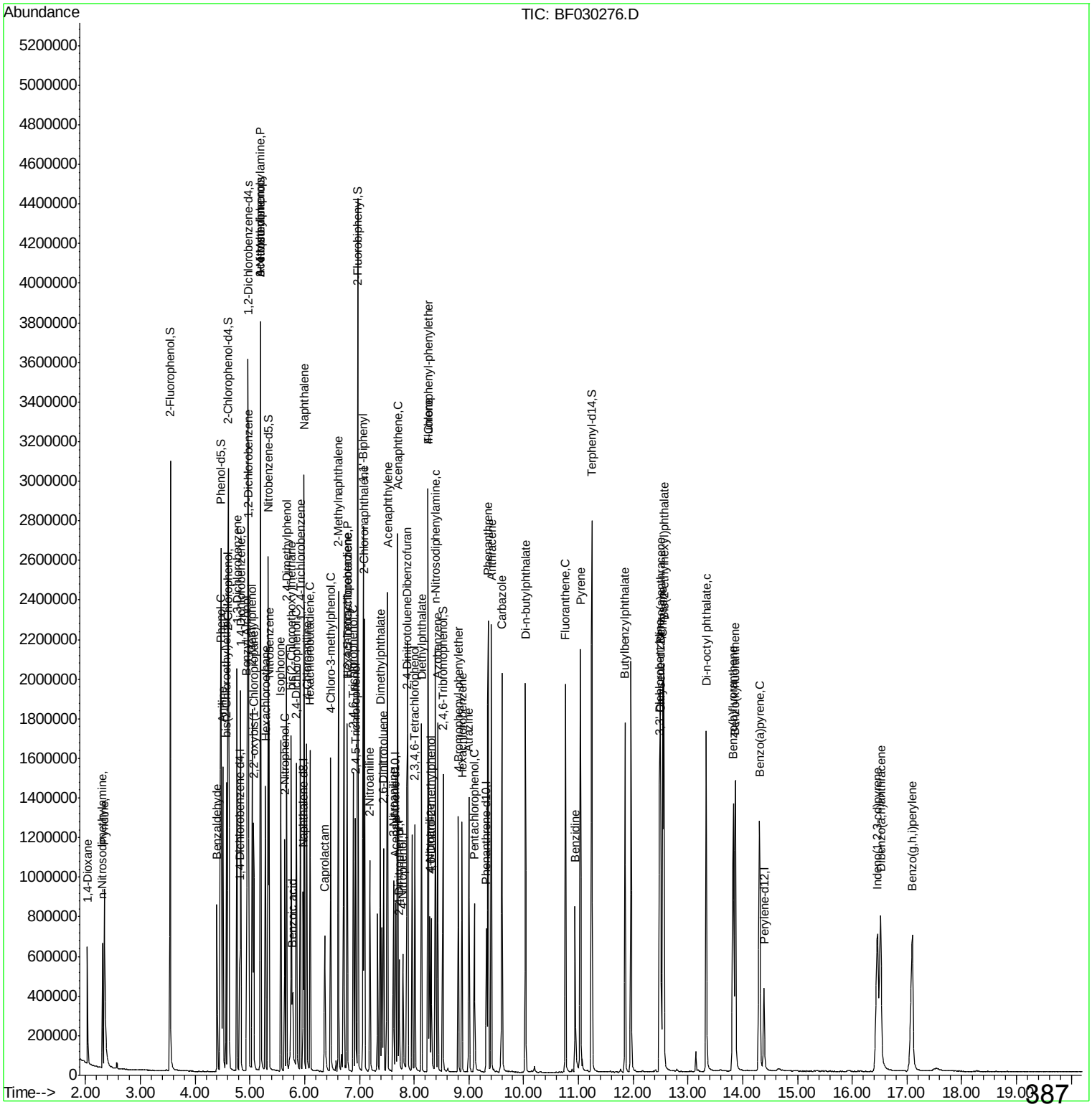
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.78	216	222669	50.22	ng		98
42) Hexachlorocyclopentadiene	6.77	237	129241	56.24	ng		99
44) 2,4,6-Trichlorophenol	6.89	196	156498	48.84	ng		98
45) 2,4,5-Trichlorophenol	6.93	196	167804	50.12	ng		98
47) 1,1'-Biphenyl	7.07	154	700957	47.97	ng		98
48) 2-Chloronaphthalene	7.09	162	527310	48.21	ng		99
49) 2-Nitroaniline	7.19	65	132639	48.51	ng		90
50) Acenaphthylene	7.52	152	879432	47.71	ng		99
51) Dimethylphthalate	7.38	163	555137	47.09	ng		99
52) 2,6-Dinitrotoluene	7.44	165	140566	49.46	ng		96
53) Acenaphthene	7.70	154	510727	45.95	ng		99
54) 3-Nitroaniline	7.62	138	157802	46.12	ng		99
55) 2,4-Dinitrophenol	7.73	184	71852	55.16	ng		92
56) Dibenzofuran	7.88	168	723410	47.30	ng		98
57) 4-Nitrophenol	7.79	139	117915	44.54	ng		91
58) 2,4-Dinitrotoluene	7.87	165	171395	47.27	ng	#	83
59) Fluorene	8.26	166	524624	44.28	ng		99
60) 2,3,4,6-Tetrachlorophenol	8.01	232	131212	53.71	ng	#	93
61) Diethylphthalate	8.13	149	525888	46.63	ng		97
62) 4-Chlorophenyl-phenylether	8.25	204	220488	44.91	ng		91
63) 4-Nitroaniline	8.28	138	159552	45.16	ng		97
64) Azobenzene	8.43	77	517936	49.61	ng		95
66) 4,6-Dinitro-2-methylphenol	8.32	198	92916	53.43	ng		88
67) n-Nitrosodiphenylamine	8.39	169	494696	49.89	ng		97
68) 4-Bromophenyl-phenylether	8.80	248	138561	50.09	ng		96
69) Hexachlorobenzene	8.87	284	144515	49.42	ng		97
70) Atrazine	9.00	200	129431	49.29	ng		97
71) Pentachlorophenol	9.10	266	90595	55.61	ng		95
72) Phenanthrene	9.35	178	779295	47.93	ng		99
73) Anthracene	9.41	178	804485	48.90	ng		99
74) Carbazole	9.60	167	789363	48.60	ng		99
75) Di-n-butylphthalate	10.03	149	885945	47.56	ng		99
76) Fluoranthene	10.76	202	756868	48.91	ng		99
78) Benzidine	10.94	184	341710	38.72	ng		98
79) Pyrene	11.03	202	815709	48.65	ng		100
81) Butylbenzylphthalate	11.85	149	366996	47.43	ng		97
82) Benzo(a)anthracene	12.49	228	660635	48.13	ng		99
83) 3,3'-Dichlorobenzidine	12.47	252	233732	46.17	ng		99
84) Chrysene	12.54	228	665175	51.25	ng		98
85) Bis(2-ethylhexyl)phthalate	12.56	149	519417	48.93	ng		96
86) Di-n-octyl phthalate	13.33	149	881111	47.20	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.45	276	703166m	50.90	ng		
89) Benzo(b)fluoranthene	13.82	252	630233	49.08	ng		99
90) Benzo(k)fluoranthene	13.86	252	667071	50.43	ng		97
91) Benzo(a)pyrene	14.30	252	633326	50.69	ng		98
92) Dibenzo(a,h)anthracene	16.52	278	580449	49.83	ng		99
93) Benzo(g,h,i)perylene	17.09	276	586236	50.35	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030276.D
Acq On : 4 Aug 2009 15:59
Operator : QM
Sample : 60 ng BNA ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

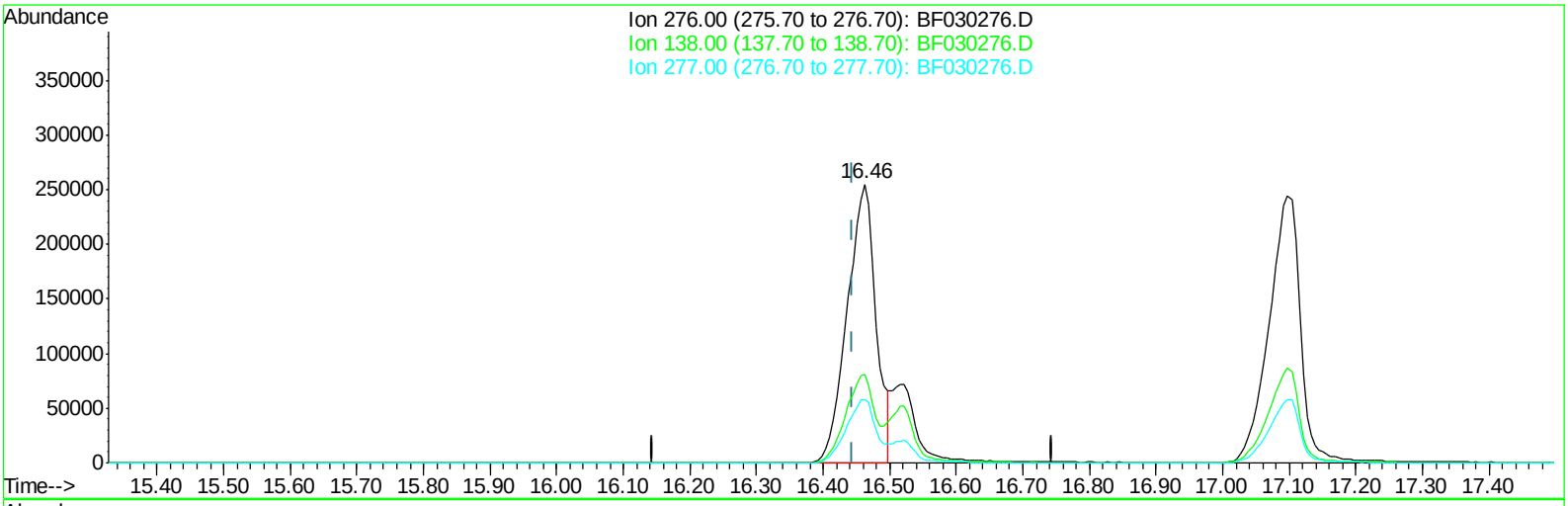
Quant Time: Aug 04 16:21:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

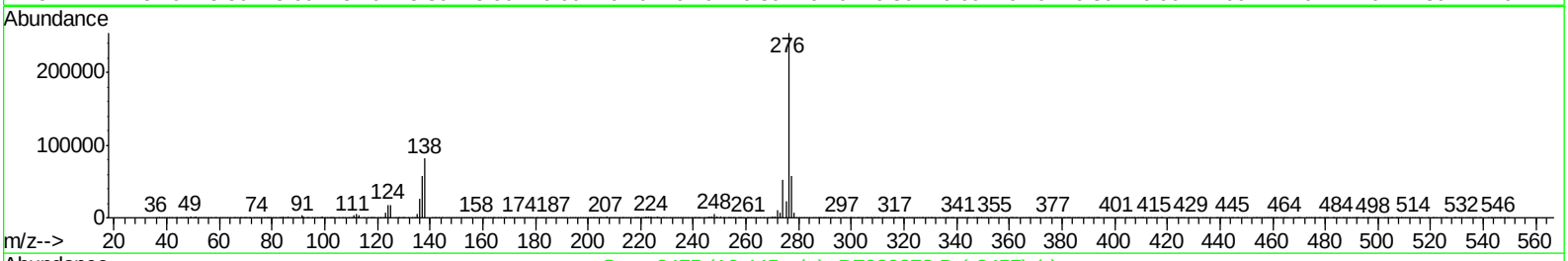


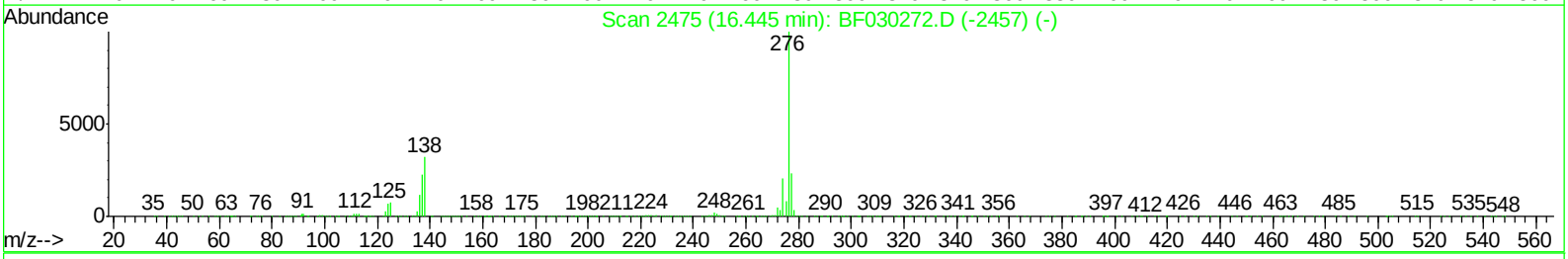
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030276.D
Acq On : 4 Aug 2009 15:59
Operator : QM
Sample : 60 ng BNA ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 16:19:51 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030276.D

(87) Indeno(1,2,3-cd)pyrene

16.462min (+0.018) 51.04ng

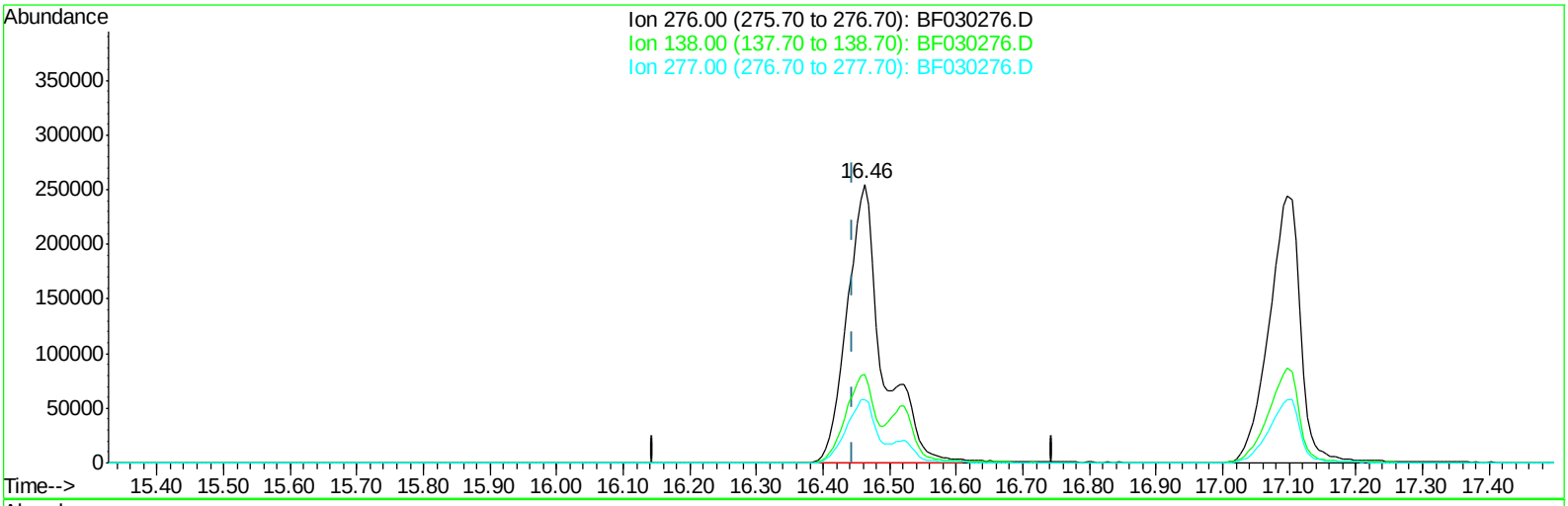
response 765361

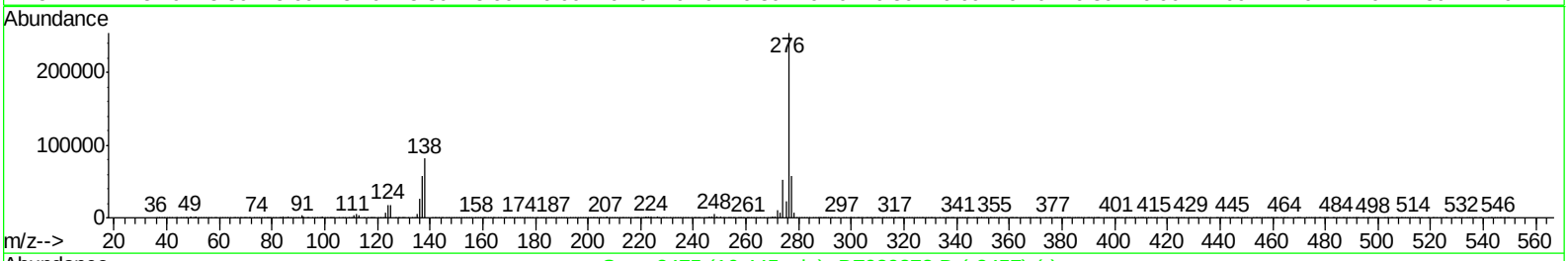
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.11
277.00	19.30	23.78#
0.00	0.00	0.00

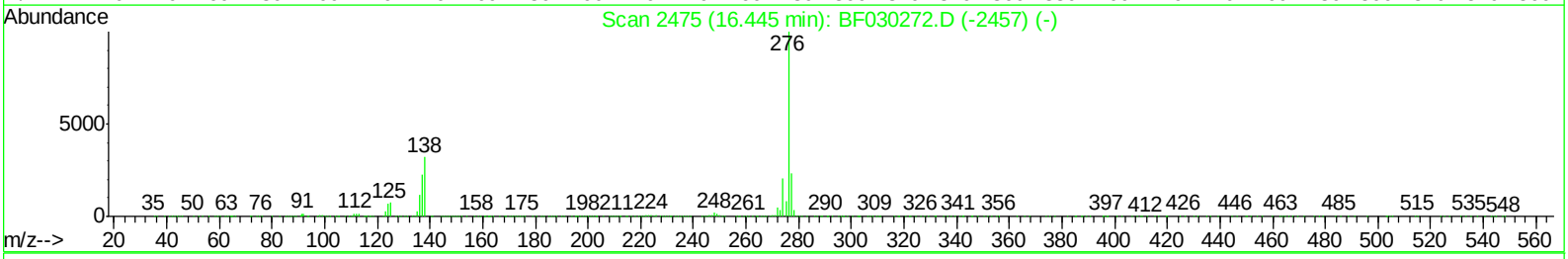
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030276.D
Acq On : 4 Aug 2009 15:59
Operator : QM
Sample : 60 ng BNA ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 16:19:51 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration







TIC: BF030276.D

(87) Indeno(1,2,3-cd)pyrene

16.462min (+0.018) 63.27ng m

response 948680

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.10
277.00	19.30	19.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030276.D
Acq On : 4 Aug 2009 15:59
Operator : QM
Sample : 60 ng BNA ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 16:21:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	110048	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	397454	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	194982	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	315637	20.00	ng		0.00
77) Chrysene-d12	12.51	240	263999	20.00	ng		0.00
88) Perylene-d12	14.39	264	250317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	979789	146.86	ng		0.00
7) Phenol-d5	4.47	99	1217312	151.70	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	918203	145.20	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	589982	141.75	ng		0.00
25) Nitrobenzene-d5	5.33	82	904496	164.29	ng		0.00
43) 2,4,6-Tribromophenol	8.53	330	192573	147.71	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1555390	148.99	ng		0.00
80) Terphenyl-d14	11.25	244	1270639	149.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	181912	61.27	ng	#	83
3) Pyridine	2.34	79	479104	60.87	ng	#	80
4) n-Nitrosodimethylamine	2.31	42	145029	50.89	ng	#	64
6) Aniline	4.50	93	647155	56.30	ng		100
8) 2-Chlorophenol	4.62	128	431728	54.79	ng		99
9) Benzaldehyde	4.40	77	181144	57.94	ng		94
10) Phenol	4.48	94	512101	55.16	ng		83
11) bis(2-Chloroethyl)ether	4.57	93	414142	56.68	ng		92
13) 1,3-Dichlorobenzene	4.76	146	468759	54.93	ng		99
14) 1,4-Dichlorobenzene	4.83	146	480152	54.78	ng		97
16) 1,2-Dichlorobenzene	4.97	146	413908	51.67	ng		98
17) Benzyl Alcohol	4.95	79	279556	59.98	ng		98
18) 2,2'-oxybis(1-Chloropropan	5.07	45	589775	51.79	ng		93
19) 2-Methylphenol	5.05	107	329969	56.61	ng		98
20) Hexachloroethane	5.29	117	158139	56.61	ng	#	86
21) n-Nitroso-di-n-propylamine	5.20	70	224157	54.39	ng		92
22) 3+4-Methylphenols	5.19	107	356782	49.75	ng	#	74
24) Acetophenone	5.19	105	436962	51.25	ng	#	95
26) Nitrobenzene	5.35	77	364196	61.70	ng		92
27) Isophorone	5.56	82	724632	60.77	ng		97
28) 2-Nitrophenol	5.63	139	234339	59.73	ng		97
29) 2,4-Dimethylphenol	5.67	122	351299	55.19	ng		97
30) bis(2-Chloroethoxy)methane	5.76	93	452145	57.79	ng		99
31) 2,4-Dichlorophenol	5.85	162	330991	59.37	ng		100
32) 1,2,4-Trichlorobenzene	5.92	180	331763	55.78	ng		99
33) Naphthalene	5.99	128	1150852	53.91	ng		99
34) Benzoic acid	5.79	122	264899	90.65	ng		98
35) 4-Chloroaniline	6.04	127	480554	54.92	ng		98
36) Hexachlorobutadiene	6.10	225	160206	60.17	ng		99
37) Caprolactam	6.37	113	130139	58.48	ng	#	82
38) 4-Chloro-3-methylphenol	6.47	107	308710	59.16	ng		97
39) 2-Methylnaphthalene	6.62	142	717371	52.58	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030276.D
Acq On : 4 Aug 2009 15:59
Operator : QM
Sample : 60 ng BNA ICC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 16:21:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 15:14:01 2009
Response via : Initial Calibration

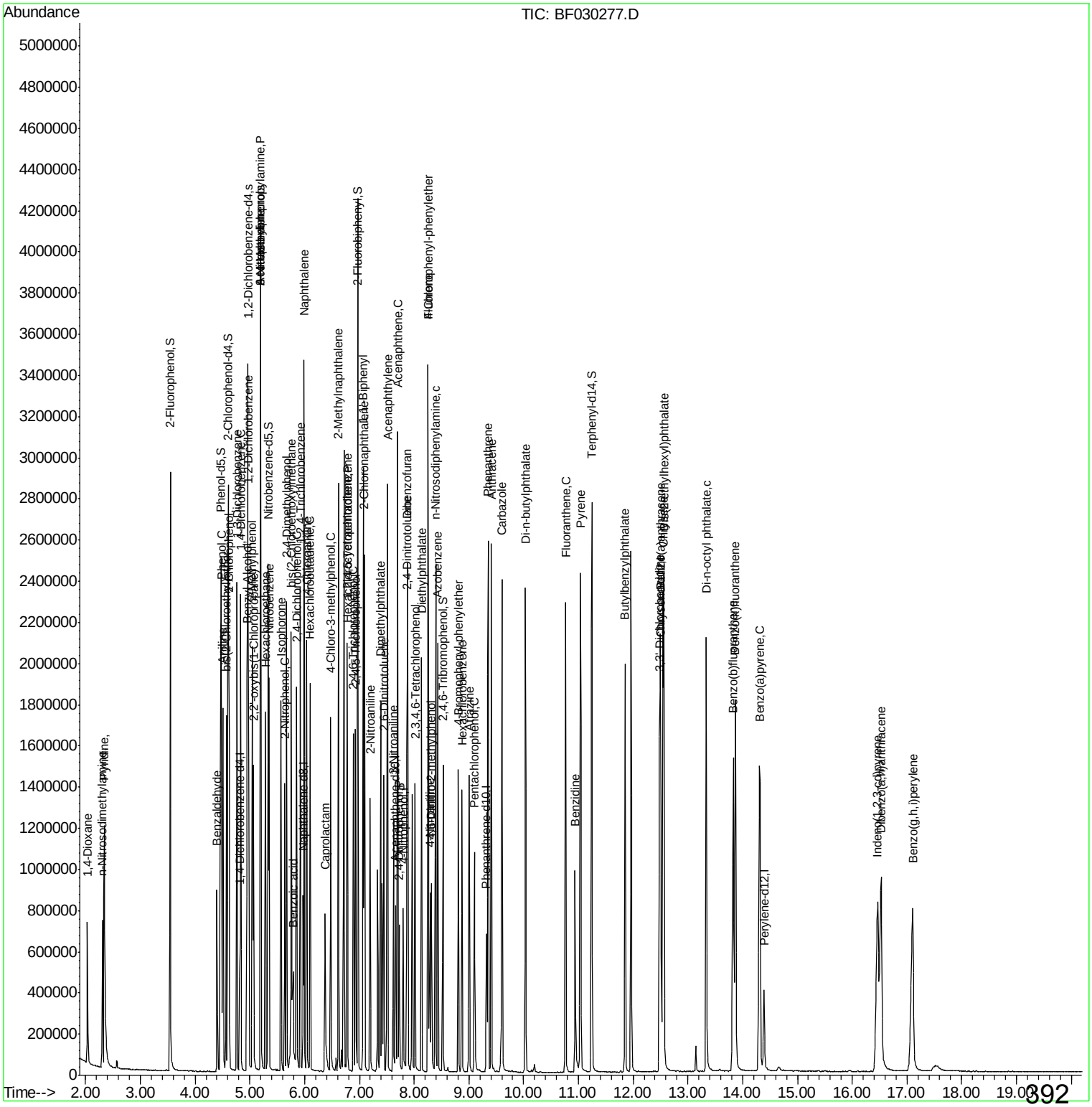
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.78	216	269658	56.55	ng		99
42) Hexachlorocyclopentadiene	6.77	237	164429	66.54	ng		98
44) 2,4,6-Trichlorophenol	6.89	196	204569	59.37	ng		99
45) 2,4,5-Trichlorophenol	6.93	196	213320	59.25	ng		97
47) 1,1'-Biphenyl	7.07	154	874178	55.64	ng		97
48) 2-Chloronaphthalene	7.09	162	667190	56.72	ng		100
49) 2-Nitroaniline	7.19	65	175261	59.61	ng		97
50) Acenaphthylene	7.52	152	1099764	55.49	ng		98
51) Dimethylphthalate	7.38	163	713836	56.32	ng		100
52) 2,6-Dinitrotoluene	7.44	165	181844	59.50	ng		96
53) Acenaphthene	7.70	154	647227	54.15	ng		98
54) 3-Nitroaniline	7.62	138	208648	56.71	ng		97
55) 2,4-Dinitrophenol	7.73	184	103476	73.87	ng		94
56) Dibenzofuran	7.88	168	905010	55.03	ng		97
57) 4-Nitrophenol	7.79	139	162193	56.97	ng		95
58) 2,4-Dinitrotoluene	7.87	165	221572	56.83	ng	#	88
59) Fluorene	8.26	166	636930	49.99	ng		99
60) 2,3,4,6-Tetrachlorophenol	8.01	232	165206	62.89	ng		94
61) Diethylphthalate	8.13	149	668628	55.13	ng		97
62) 4-Chlorophenyl-phenylether	8.25	204	264778	50.16	ng	#	90
63) 4-Nitroaniline	8.29	138	213407	56.17	ng		98
64) Azobenzene	8.43	77	660091	58.80	ng		96
66) 4,6-Dinitro-2-methylphenol	8.32	198	127986	67.68	ng		94
67) n-Nitrosodiphenylamine	8.39	169	625095	57.97	ng		98
68) 4-Bromophenyl-phenylether	8.80	248	175873	58.46	ng		93
69) Hexachlorobenzene	8.87	284	180338	56.71	ng		96
70) Atrazine	9.00	200	167695	58.73	ng		99
71) Pentachlorophenol	9.10	266	122183	68.97	ng		97
72) Phenanthrene	9.35	178	992463	56.14	ng		100
73) Anthracene	9.41	178	1014231	56.69	ng		99
74) Carbazole	9.60	167	1015308	57.48	ng		99
75) Di-n-butylphthalate	10.03	149	1129562	55.77	ng		99
76) Fluoranthene	10.76	202	962355	57.18	ng		99
78) Benzidine	10.94	184	450037	46.98	ng		99
79) Pyrene	11.04	202	1039935	57.14	ng		99
81) Butylbenzylphthalate	11.85	149	480675	57.23	ng		97
82) Benzo(a)anthracene	12.50	228	839480	56.35	ng		99
83) 3,3'-Dichlorobenzidine	12.48	252	299742	54.55	ng		98
84) Chrysene	12.54	228	843446	59.88	ng		97
85) Bis(2-ethylhexyl)phthalate	12.56	149	670612	58.20	ng		98
86) Di-n-octyl phthalate	13.33	149	1168253	57.65	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.46	276	948680m	63.27	ng		
89) Benzo(b)fluoranthene	13.83	252	867535	59.67	ng		99
90) Benzo(k)fluoranthene	13.87	252	853102	56.96	ng		97
91) Benzo(a)pyrene	14.31	252	850802	60.14	ng		100
92) Dibenzo(a,h)anthracene	16.52	278	786747	59.65	ng		99
93) Benzo(g,h,i)perylene	17.10	276	799111	60.61	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030277.D
Acq On : 4 Aug 2009 16:26
Operator : QM
Sample : 80 ng BNA ICC
Misc :
ALS Vial : 7 Sample Multiplier: 1

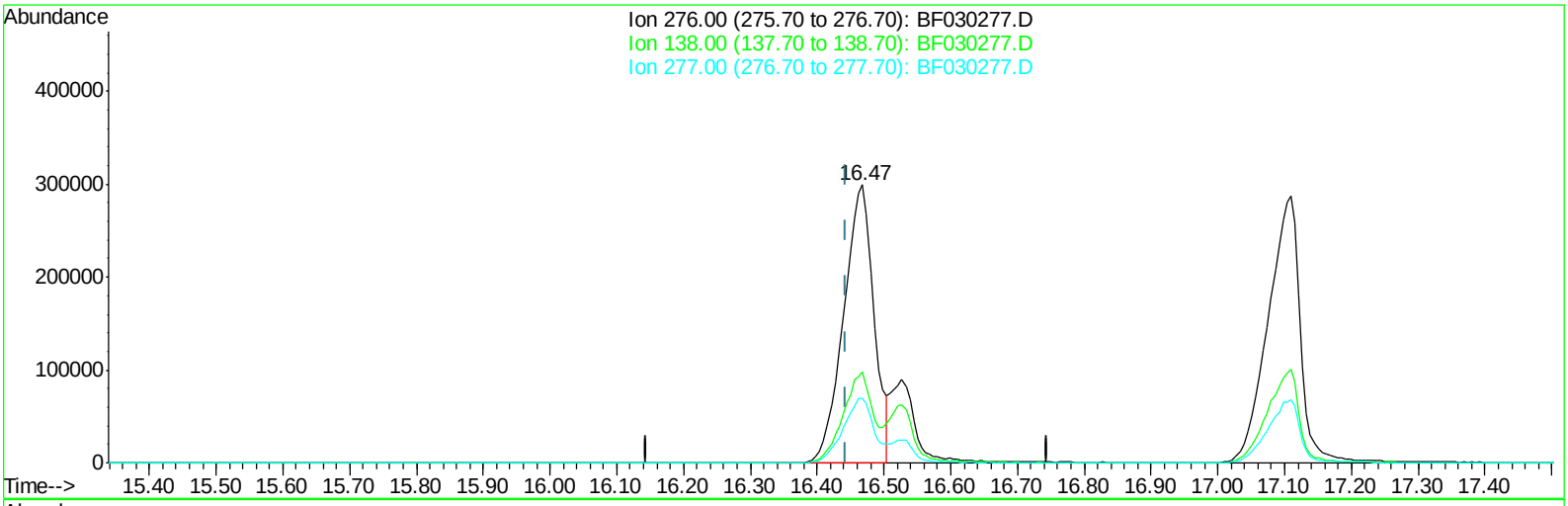
Quant Time: Aug 04 16:51:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:23:05 2009
Response via : Initial Calibration

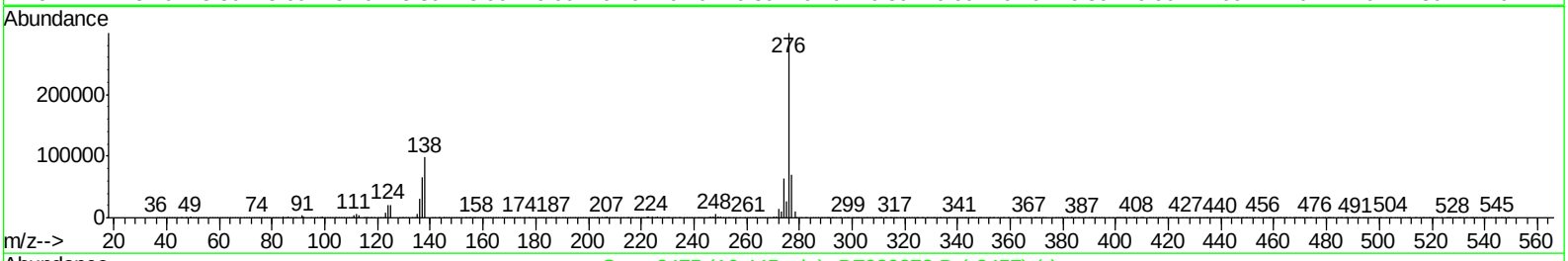


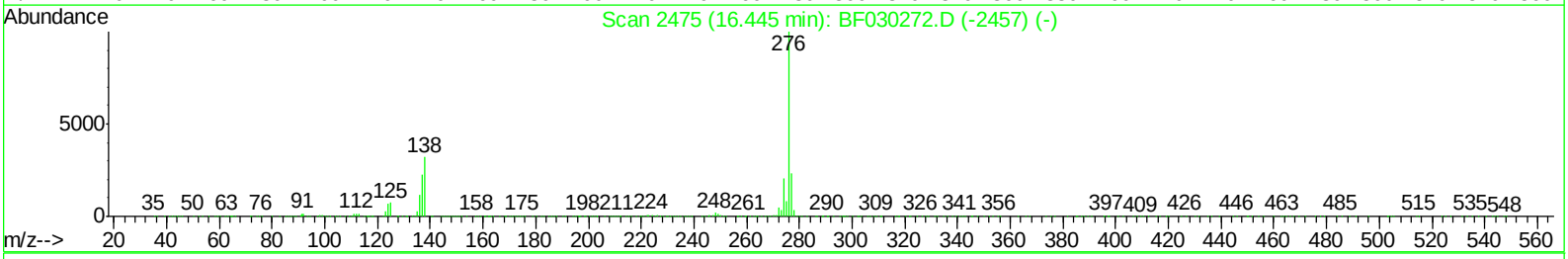
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030277.D
Acq On : 4 Aug 2009 16:26
Operator : QM
Sample : 80 ng BNA ICC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 16:49:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:23:05 2009
Response via : Initial Calibration







TIC: BF030277.D

(87) Indeno(1,2,3-cd)pyrene

16.468min (+0.024) 71.82ng

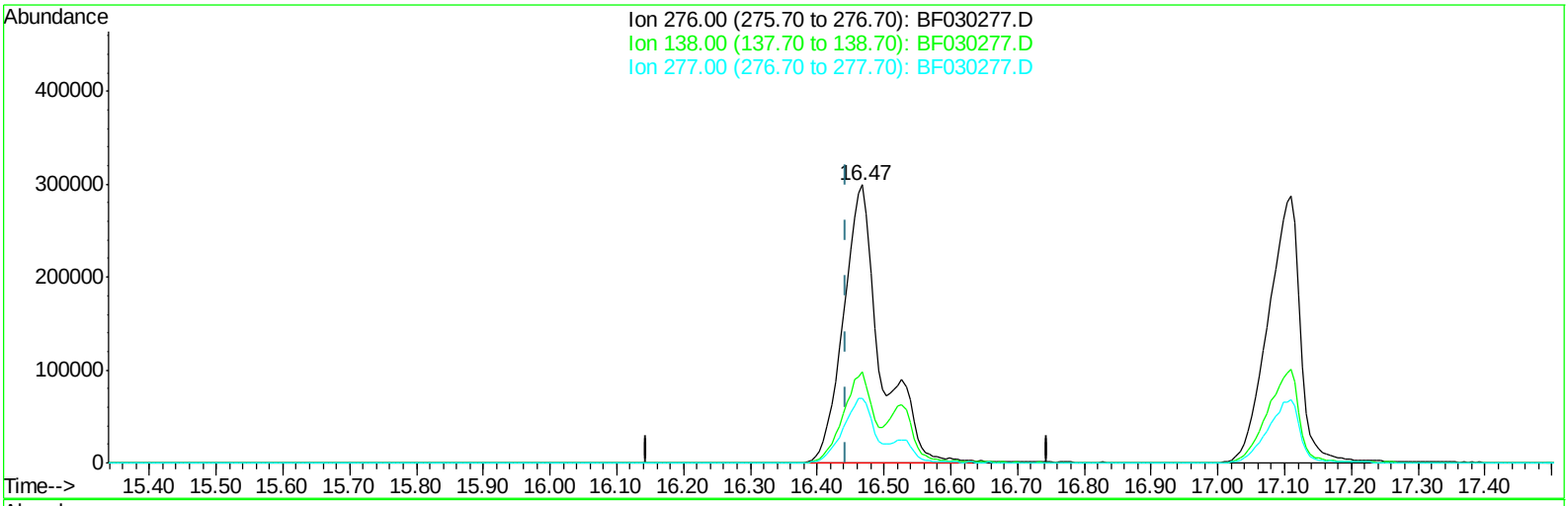
response 938932

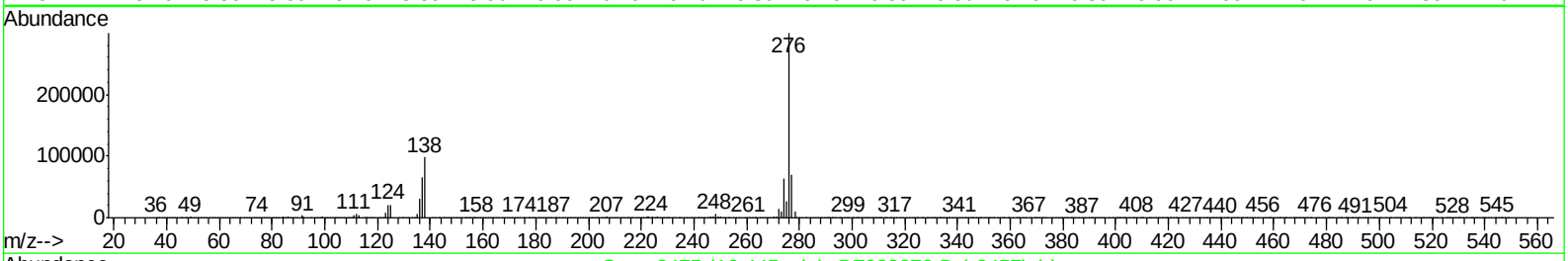
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.10
277.00	19.30	23.77#
0.00	0.00	0.00

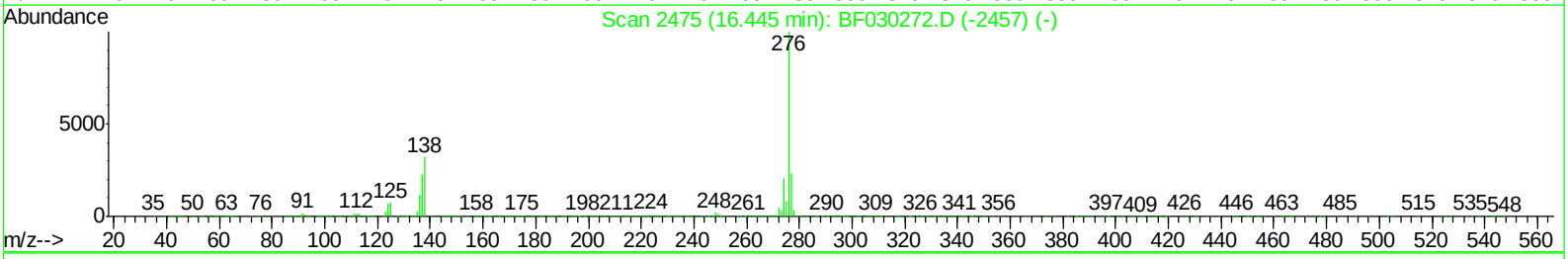
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030277.D
Acq On : 4 Aug 2009 16:26
Operator : QM
Sample : 80 ng BNA ICC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 16:49:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:23:05 2009
Response via : Initial Calibration







TIC: BF030277.D

(87) Indeno(1,2,3-cd)pyrene

16.468min (+0.024) 88.82ng m

response 1161109

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.15
277.00	19.30	19.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030277.D
Acq On : 4 Aug 2009 16:26
Operator : QM
Sample : 80 ng BNA ICC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 16:51:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:23:05 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	100307	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	366924	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	180257	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	290436	20.00	ng		0.00
77) Chrysene-d12	12.51	240	238673	20.00	ng		0.00
88) Perylene-d12	14.39	264	233681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	913714	163.16	ng		0.00
7) Phenol-d5	4.47	99	1119277	160.29	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	862591	164.49	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	561280	163.78	ng		0.00
25) Nitrobenzene-d5	5.33	82	842074	163.48	ng		0.00
43) 2,4,6-Tribromophenol	8.53	330	180423	160.86	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1453407	161.19	ng		0.00
80) Terphenyl-d14	11.25	244	1196041	165.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	222489	77.55	ng	#	83
3) Pyridine	2.34	79	612977	85.51	ng	#	79
4) n-Nitrosodimethylamine	2.31	42	177188	81.19	ng	#	72
6) Aniline	4.50	93	782768	79.01	ng		99
8) 2-Chlorophenol	4.62	128	508519	74.03	ng		99
9) Benzaldehyde	4.40	77	183975	62.52	ng		96
10) Phenol	4.48	94	608775	76.04	ng		85
11) bis(2-Chloroethyl)ether	4.57	93	495217	75.10	ng		92
13) 1,3-Dichlorobenzene	4.76	146	557777	74.01	ng		98
14) 1,4-Dichlorobenzene	4.83	146	562714	72.93	ng		98
16) 1,2-Dichlorobenzene	4.97	146	488101	70.80	ng		98
17) Benzyl Alcohol	4.95	79	334258	74.55	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.07	45	712003	77.77	ng		94
19) 2-Methylphenol	5.05	107	394870	76.74	ng		98
20) Hexachloroethane	5.29	117	188858	74.44	ng	#	87
21) n-Nitroso-di-n-propylamine	5.20	70	258401	69.20	ng		95
22) 3+4-Methylphenols	5.19	107	404351	66.59	ng	#	65
24) Acetophenone	5.19	105	503390	65.74	ng	#	92
26) Nitrobenzene	5.35	77	432810	75.14	ng		92
27) Isophorone	5.57	82	866325	76.00	ng		100
28) 2-Nitrophenol	5.63	139	280845	77.12	ng		99
29) 2,4-Dimethylphenol	5.67	122	419286	74.62	ng		96
30) bis(2-Chloroethoxy)methane	5.76	93	531668	73.27	ng		99
31) 2,4-Dichlorophenol	5.85	162	391941	75.14	ng		96
32) 1,2,4-Trichlorobenzene	5.92	180	389625	71.47	ng		99
33) Naphthalene	5.99	128	1348009	70.24	ng		99
34) Benzoic acid	5.79	122	334028	97.95	ng		93
35) 4-Chloroaniline	6.04	127	568276	74.70	ng		99
36) Hexachlorobutadiene	6.10	225	184444	71.60	ng		99
37) Caprolactam	6.38	113	157443	80.12	ng	#	77
38) 4-Chloro-3-methylphenol	6.47	107	370095	77.64	ng		96
39) 2-Methylnaphthalene	6.62	142	830351	70.56	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030277.D
Acq On : 4 Aug 2009 16:26
Operator : QM
Sample : 80 ng BNA ICC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 16:51:42 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:23:05 2009
Response via : Initial Calibration

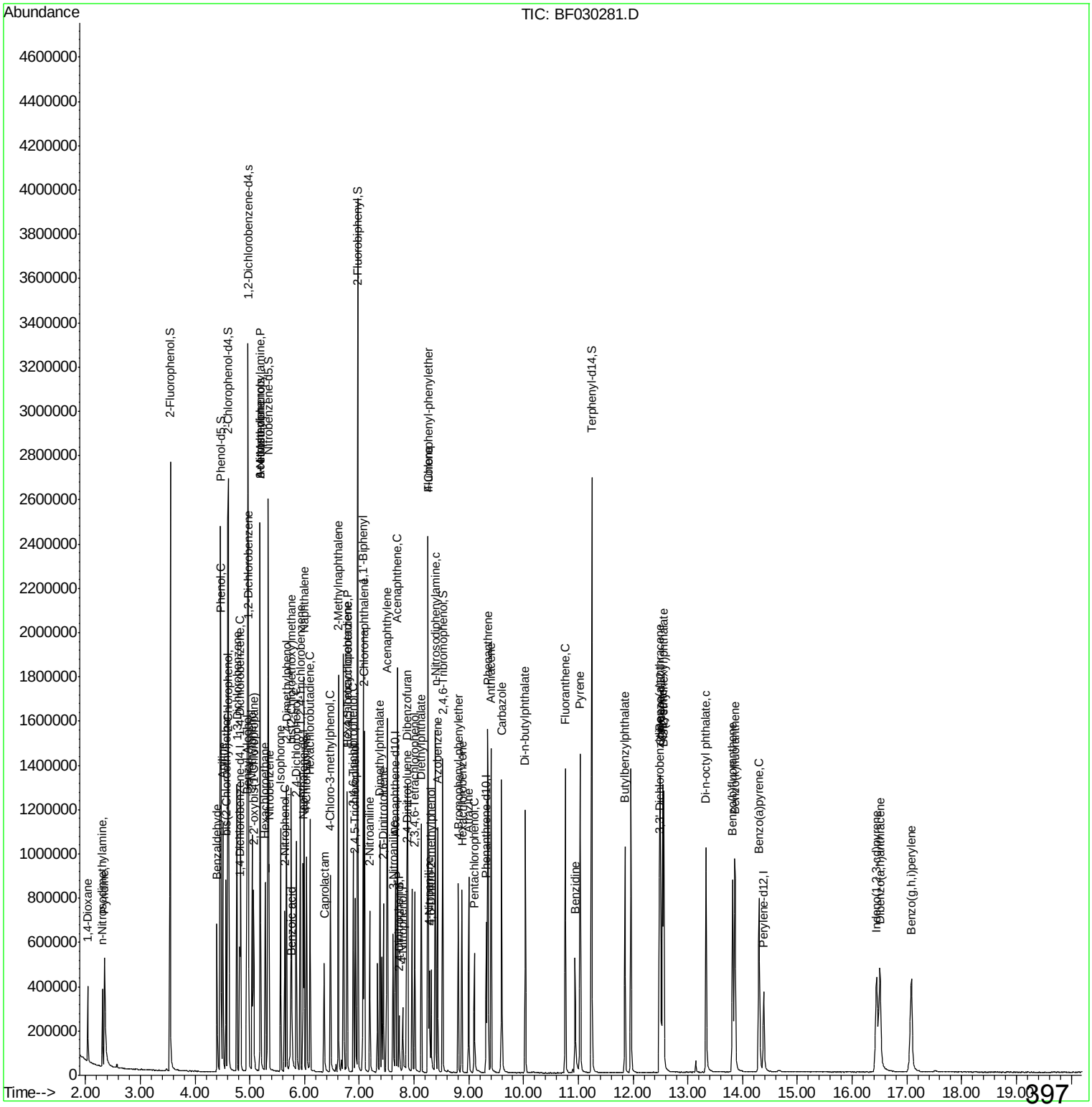
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.78	216	309003	67.10	ng		99
42) Hexachlorocyclopentadiene	6.77	237	196388	77.40	ng		98
44) 2,4,6-Trichlorophenol	6.89	196	239271	74.60	ng		97
45) 2,4,5-Trichlorophenol	6.93	196	255477	76.53	ng		96
47) 1,1'-Biphenyl	7.07	154	1010330	69.84	ng		98
48) 2-Chloronaphthalene	7.09	162	778748	71.81	ng		99
49) 2-Nitroaniline	7.20	65	210799	80.06	ng		85
50) Acenaphthylene	7.52	152	1267145	70.49	ng		98
51) Dimethylphthalate	7.39	163	847365	75.13	ng		98
52) 2,6-Dinitrotoluene	7.45	165	218373	77.96	ng		94
53) Acenaphthene	7.70	154	758283	72.24	ng		98
54) 3-Nitroaniline	7.62	138	247610	79.90	ng		98
55) 2,4-Dinitrophenol	7.73	184	132111	105.86	ng		97
56) Dibenzofuran	7.88	168	1044392	70.31	ng		96
57) 4-Nitrophenol	7.80	139	197441	90.17	ng		91
58) 2,4-Dinitrotoluene	7.87	165	263428	76.61	ng	#	92
59) Fluorene	8.26	166	735300	65.42	ng		98
60) 2,3,4,6-Tetrachlorophenol	8.02	232	201269	77.44	ng		93
61) Diethylphthalate	8.13	149	794309	74.72	ng		98
62) 4-Chlorophenyl-phenylether	8.26	204	302866	64.11	ng	#	90
63) 4-Nitroaniline	8.29	138	258828	84.03	ng		98
64) Azobenzene	8.43	77	784765	74.76	ng		96
66) 4,6-Dinitro-2-methylphenol	8.32	198	157752	91.43	ng		97
67) n-Nitrosodiphenylamine	8.39	169	735016	72.02	ng		98
68) 4-Bromophenyl-phenylether	8.81	248	209032	73.51	ng		97
69) Hexachlorobenzene	8.88	284	214732	72.21	ng		95
70) Atrazine	9.01	200	197474	74.84	ng		98
71) Pentachlorophenol	9.10	266	147146	82.03	ng		98
72) Phenanthrene	9.35	178	1158600	71.35	ng		100
73) Anthracene	9.41	178	1182166	71.55	ng		100
74) Carbazole	9.60	167	1193474	73.81	ng		100
75) Di-n-butylphthalate	10.03	149	1342289	74.37	ng		99
76) Fluoranthene	10.77	202	1128954	72.02	ng		98
78) Benzidine	10.94	184	491171	72.89	ng		99
79) Pyrene	11.04	202	1203582	73.47	ng		99
81) Butylbenzylphthalate	11.85	149	571146	79.63	ng		98
82) Benzo(a)anthracene	12.50	228	983472	73.85	ng		99
83) 3,3'-Dichlorobenzidine	12.48	252	347469	78.24	ng		99
84) Chrysene	12.54	228	961348	71.46	ng		98
85) Bis(2-ethylhexyl)phthalate	12.56	149	792270	78.36	ng		98
86) Di-n-octyl phthalate	13.33	149	1406334	83.53	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.47	276	1161109m	88.82	ng		
89) Benzo(b)fluoranthene	13.83	252	1009584	74.05	ng		99
90) Benzo(k)fluoranthene	13.87	252	1046861	73.43	ng		99
91) Benzo(a)pyrene	14.31	252	1029311	77.29	ng		99
92) Dibenzo(a,h)anthracene	16.53	278	963692	80.72	ng		99
93) Benzo(g,h,i)perylene	17.11	276	972778	79.75	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

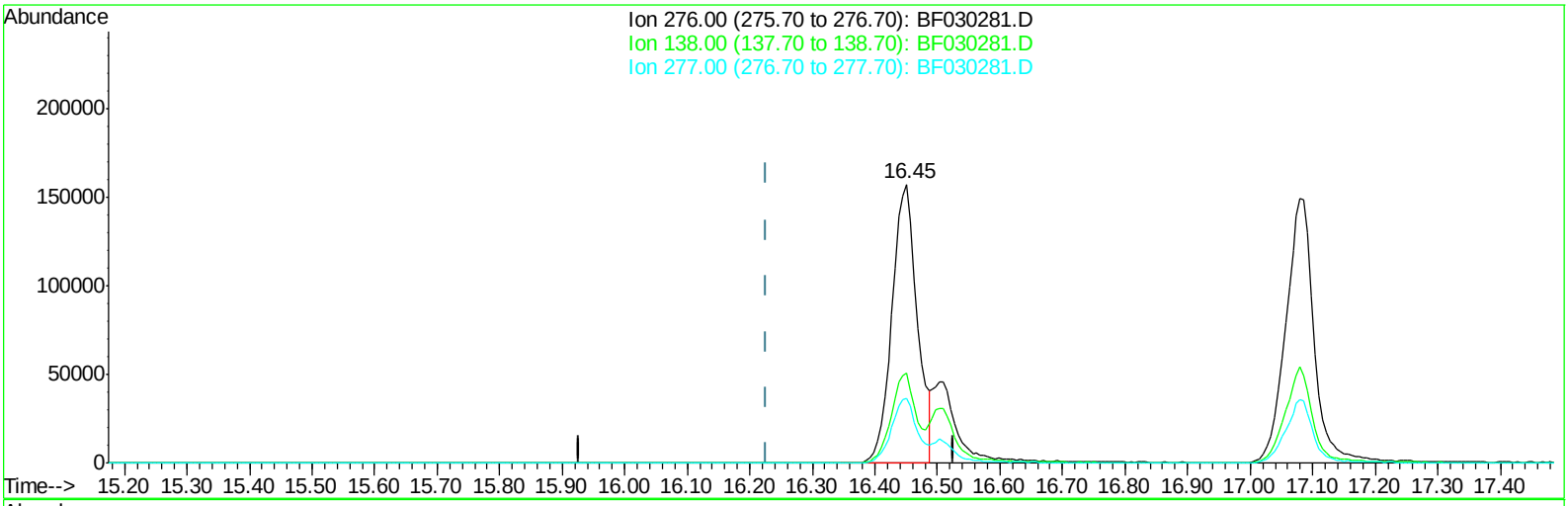
Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

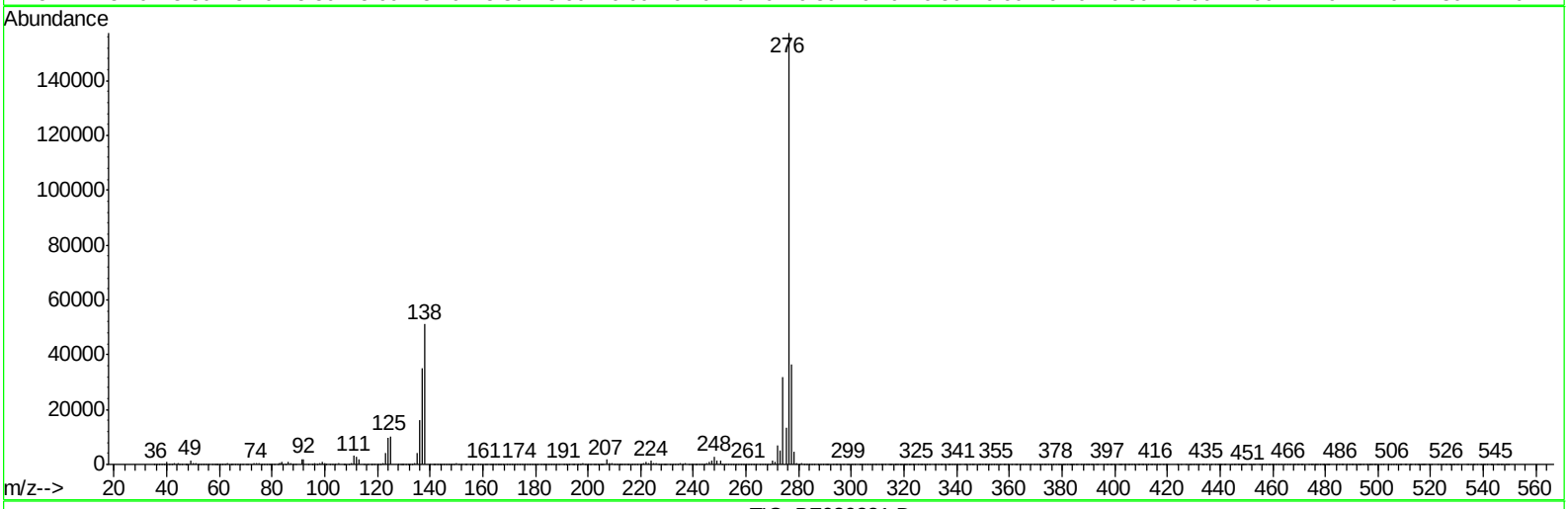


Quantitation Report (Qedit)

Data Path : C:\Documents and Settings\yo.patel\Desktop\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 13 01:50:45 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 16:34:15 2009
Response via : Initial Calibration





TIC: BF030281.D

(87) Indeno(1,2,3-cd)pyrene

16.451min (+0.224) 31.77ng

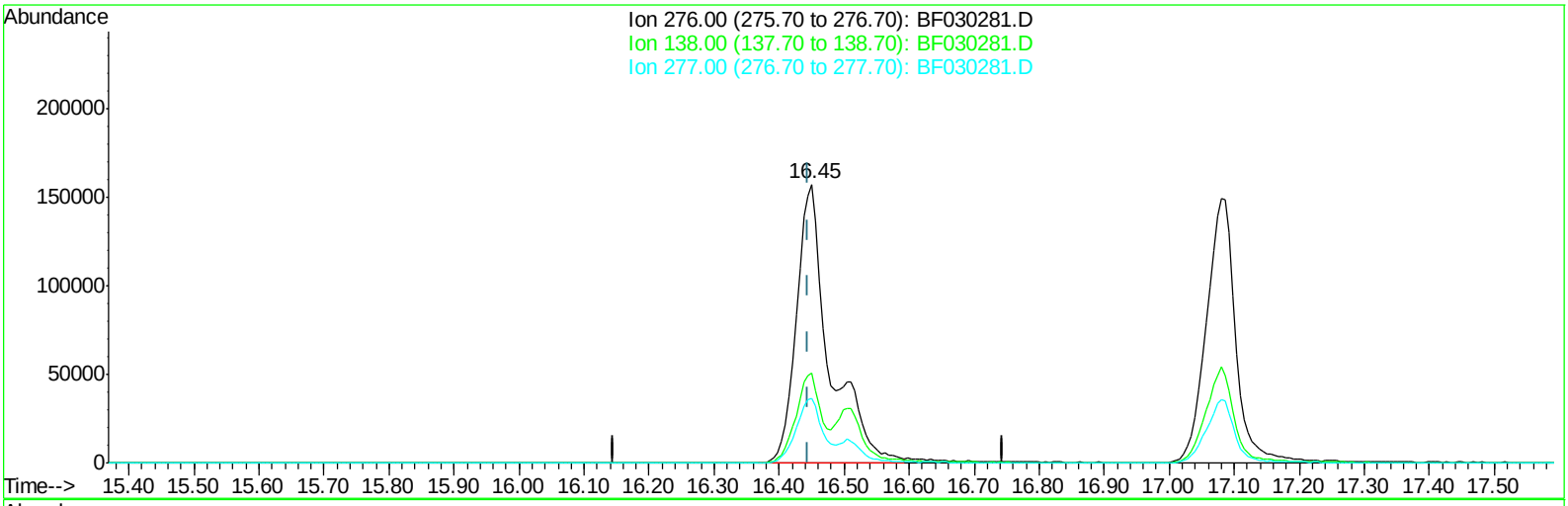
response 436250

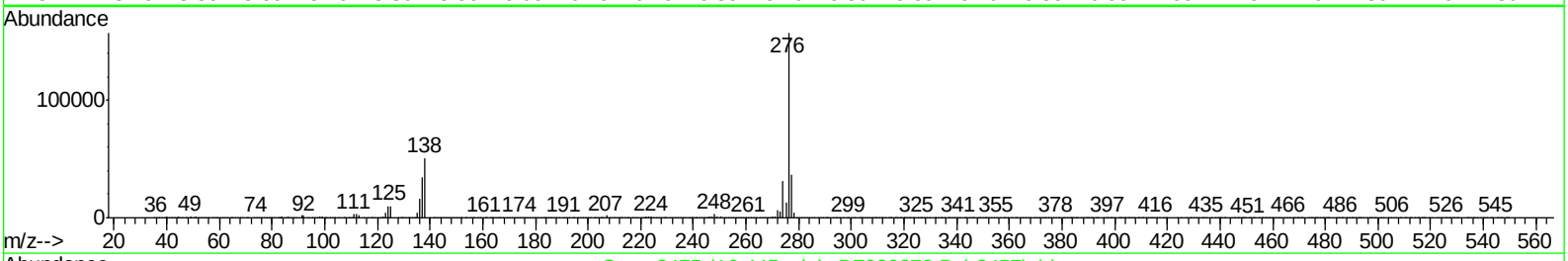
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.93#
277.00	19.30	23.58#
0.00	0.00	0.00

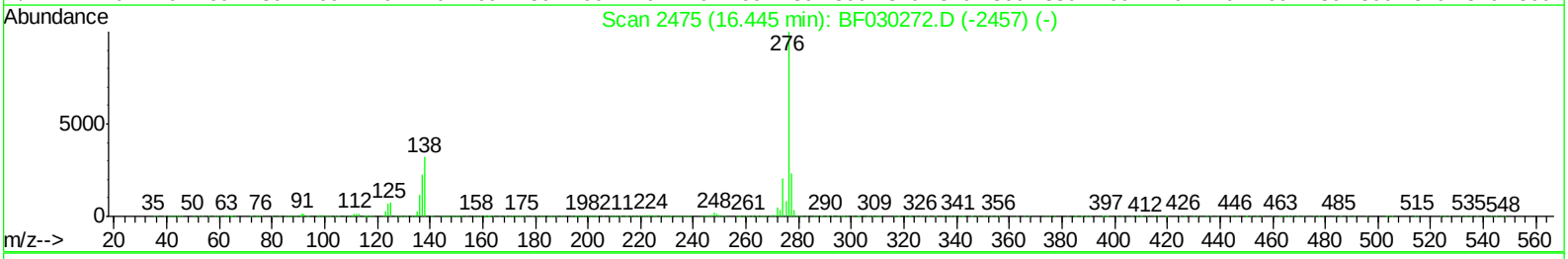
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration







TIC: BF030281.D

(87) Indeno(1,2,3-cd)pyrene

16.451min (+0.006) 40.51ng m

response 556220

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.04
277.00	19.30	18.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.82	152	105199	20.00	ng		0.00
23) Naphthalene-d8	5.97	136	371926	20.00	ng		0.00
40) Acenaphthene-d10	7.66	164	182728	20.00	ng		0.00
65) Phenanthrene-d10	9.32	188	291076	20.00	ng		0.00
77) Chrysene-d12	12.50	240	246184	20.00	ng		0.00
88) Perylene-d12	14.39	264	220509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.55	112	865141	146.82	ng		0.00
7) Phenol-d5	4.46	99	1098232	149.92	ng		0.00
12) 2-Chlorophenol-d4	4.60	132	816578	147.78	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.96	152	525502	145.64	ng		0.00
25) Nitrobenzene-d5	5.33	82	785153	149.84	ng		0.00
43) 2,4,6-Tribromophenol	8.52	330	175884	154.55	ng		0.00
46) 2-Fluorobiphenyl	6.97	172	1389854	151.87	ng		0.00
80) Terphenyl-d14	11.25	244	1062535	142.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	113654	37.97	ng	#	82
3) Pyridine	2.34	79	315330	41.47	ng	#	82
4) n-Nitrosodimethylamine	2.30	42	90670	39.52	ng	#	72
6) Aniline	4.50	93	420064	40.51	ng		99
8) 2-Chlorophenol	4.62	128	280817	39.47	ng		97
9) Benzaldehyde	4.40	77	131084	44.08	ng		95
10) Phenol	4.47	94	319977	38.43	ng		85
11) bis(2-Chloroethyl)ether	4.56	93	268014	39.15	ng		94
13) 1,3-Dichlorobenzene	4.76	146	308748	39.55	ng		99
14) 1,4-Dichlorobenzene	4.83	146	318114	39.90	ng		99
16) 1,2-Dichlorobenzene	4.97	146	279894	39.47	ng		99
17) Benzyl Alcohol	4.95	79	179463	38.60	ng		96
18) 2,2'-oxybis(1-Chloropropan	5.07	45	376832	39.43	ng		92
19) 2-Methylphenol	5.05	107	210238	39.22	ng		97
20) Hexachloroethane	5.28	117	101873	38.74	ng		94
21) n-Nitroso-di-n-propylamine	5.19	70	150689	39.36	ng		93
22) 3+4-Methylphenols	5.19	107	247816	40.03	ng	#	68
24) Acetophenone	5.19	105	300866	39.95	ng	#	96
26) Nitrobenzene	5.35	77	236885	40.99	ng		99
27) Isophorone	5.56	82	462995	40.41	ng		100
28) 2-Nitrophenol	5.63	139	147130	40.10	ng		96
29) 2,4-Dimethylphenol	5.67	122	236389	41.97	ng		99
30) bis(2-Chloroethoxy)methane	5.75	93	291261	40.16	ng		99
31) 2,4-Dichlorophenol	5.85	162	211697	40.45	ng		97
32) 1,2,4-Trichlorobenzene	5.92	180	223690	41.21	ng		99
33) Naphthalene	5.99	128	772385	40.53	ng		100
34) Benzoic acid	5.77	122	152199	39.91	ng		96
35) 4-Chloroaniline	6.03	127	310923	40.77	ng		97
36) Hexachlorobutadiene	6.10	225	102637	40.01	ng		98
37) Caprolactam	6.36	113	79142	39.72	ng	#	82
38) 4-Chloro-3-methylphenol	6.47	107	195369	40.64	ng		94
39) 2-Methylnaphthalene	6.62	142	476290	40.73	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.78	216	184937	40.71	ng		99
42) Hexachlorocyclopentadiene	6.77	237	111505	43.59	ng		98
44) 2,4,6-Trichlorophenol	6.89	196	128959	40.11	ng		99
45) 2,4,5-Trichlorophenol	6.92	196	134289	39.97	ng	#	95
47) 1,1'-Biphenyl	7.07	154	587094	40.90	ng		99
48) 2-Chloronaphthalene	7.09	162	434956	40.25	ng		99
49) 2-Nitroaniline	7.19	65	107545	40.29	ng		89
50) Acenaphthylene	7.51	152	729658	40.85	ng		99
51) Dimethylphthalate	7.37	163	463282	40.94	ng		99
52) 2,6-Dinitrotoluene	7.44	165	115611	40.89	ng		92
53) Acenaphthene	7.69	154	421513	40.27	ng		99
54) 3-Nitroaniline	7.62	138	128182	40.81	ng		98
55) 2,4-Dinitrophenol	7.73	184	55643	38.85	ng	#	92
56) Dibenzofuran	7.88	168	603181	40.88	ng		98
57) 4-Nitrophenol	7.79	139	90286	39.83	ng		89
58) 2,4-Dinitrotoluene	7.86	165	143677	41.51	ng	#	87
59) Fluorene	8.25	166	448096	40.56	ng		99
60) 2,3,4,6-Tetrachlorophenol	8.01	232	108693	41.48	ng		92
61) Diethylphthalate	8.13	149	431298	40.47	ng		98
62) 4-Chlorophenyl-phenylether	8.25	204	187415	40.48	ng		93
63) 4-Nitroaniline	8.28	138	127421	40.47	ng		98
64) Azobenzene	8.43	77	430492	40.90	ng		94
66) 4,6-Dinitro-2-methylphenol	8.31	198	75411	42.60	ng		97
67) n-Nitrosodiphenylamine	8.39	169	411714	40.93	ng		98
68) 4-Bromophenyl-phenylether	8.80	248	115916	41.23	ng		99
69) Hexachlorobenzene	8.87	284	118375	40.38	ng		97
70) Atrazine	9.00	200	102977	39.36	ng		97
71) Pentachlorophenol	9.10	266	72600	40.21	ng		98
72) Phenanthrene	9.35	178	644383	40.32	ng		99
73) Anthracene	9.40	178	663003	40.76	ng		99
74) Carbazole	9.60	167	655389	40.97	ng		98
75) Di-n-butylphthalate	10.03	149	722091	40.39	ng		99
76) Fluoranthene	10.76	202	624119	40.40	ng		99
78) Benzidine	10.94	184	300237	43.85	ng		98
79) Pyrene	11.03	202	673286	40.39	ng		100
81) Butylbenzylphthalate	11.85	149	299878	40.57	ng		95
82) Benzo(a)anthracene	12.49	228	538041	39.68	ng		98
83) 3,3'-Dichlorobenzidine	12.47	252	187816	41.15	ng		99
84) Chrysene	12.54	228	545963	40.06	ng		99
85) Bis(2-ethylhexyl)phthalate	12.56	149	418955	40.31	ng	#	95
86) Di-n-octyl phthalate	13.33	149	704343	40.26	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.45	276	556220m	40.51	ng		
89) Benzo(b)fluoranthene	13.82	252	518194	40.78	ng		99
90) Benzo(k)fluoranthene	13.86	252	542012	40.85	ng		99
91) Benzo(a)pyrene	14.30	252	512583	41.02	ng		99
92) Dibenzo(a,h)anthracene	16.51	278	465614	41.27	ng		97
93) Benzo(g,h,i)perylene	17.08	276	470144	40.87	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.08
2		1,4-Dioxane	0.569	0.540	5.1	98	0.07
3		Pyridine	1.446	1.499	-3.7	108	0.06
4		n-Nitrosodimethylamine	0.436	0.431	1.1	102	0.06
5	S	2-Fluorophenol	1.120	1.028	8.2	95	0.08
6		Aniline	1.971	1.997	-1.3	105	0.08
7	S	Phenol-d5	1.393	1.305	6.3	97	0.07
8		2-Chlorophenol	1.353	1.335	1.3	102	0.07
9		Benzaldehyde	0.565	0.623	-10.3	116	0.07
10	C	Phenol	1.583	1.521	3.9	100	0.07
11		bis(2-Chloroethyl)ether	1.301	1.274	2.1	101	0.07
12	S	2-Chlorophenol-d4	1.050	0.970	7.6	97	0.08
13		1,3-Dichlorobenzene	1.484	1.467	1.1	102	0.08
14	C	1,4-Dichlorobenzene	1.516	1.512	0.3	103	0.07
15	s	1,2-Dichlorobenzene-d4	0.686	0.624	9.0	94	0.07
16		1,2-Dichlorobenzene	1.348	1.330	1.3	103	0.07
17		Benzyl Alcohol	0.884	0.853	3.5	101	0.08
18		2,2'-oxybis(1-Chloropropane	1.817	1.791	1.4	103	0.07
19		2-Methylphenol	1.019	0.999	2.0	102	0.07
20		Hexachloroethane	0.500	0.484	3.2	100	0.07
21	P	n-Nitroso-di-n-propylamine	0.728	0.716	1.6	102	0.06
22		3+4-Methylphenols	1.177	1.178	-0.1	101	0.06
23	I	Naphthalene-d8	1.000	1.000	0.0	102	0.06
24		Acetophenone	0.405	0.404	0.2	99	0.07
25	S	Nitrobenzene-d5	0.282	0.264	6.4	96	0.07
26		Nitrobenzene	0.311	0.318	-2.3	105	0.07
27		Isophorone	0.616	0.622	-1.0	102	0.07
28	C	2-Nitrophenol	0.197	0.198	-0.5	102	0.07
29		2,4-Dimethylphenol	0.303	0.318	-5.0	105	0.07
30		bis(2-Chloroethoxy)methane	0.390	0.392	-0.5	101	0.06
31	C	2,4-Dichlorophenol	0.281	0.285	-1.4	102	0.07
32		1,2,4-Trichlorobenzene	0.292	0.301	-3.1	104	0.07
33		Naphthalene	1.025	1.038	-1.3	101	0.07
34		Benzoic acid	0.193	0.205	-6.2	107	0.07
35		4-Chloroaniline	0.410	0.418	-2.0	102	0.06
36	C	Hexachlorobutadiene	0.138	0.138	0.0	100	0.06
37		Caprolactam	0.107	0.106	0.9	102	0.07
38	C	4-Chloro-3-methylphenol	0.259	0.263	-1.5	103	0.06
39		2-Methylnaphthalene	0.629	0.640	-1.7	101	0.07
40	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.08
41		1,2,4,5-Tetrachlorobenzene	0.497	0.506	-1.8	102	0.08
42	P	Hexachlorocyclopentadiene	0.280	0.305	-8.9	106	0.08
43	S	2,4,6-Tribromophenol	0.125	0.120	4.0	98	0.08
44	C	2,4,6-Trichlorophenol	0.352	0.353	-0.3	100	0.08

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	0.368	0.367	0.3	100	0.07
46	S	2-Fluorobiphenyl	1.002	0.951	5.1	96	0.08
47		1,1'-Biphenyl	1.571	1.606	-2.2	102	0.08
48		2-Chloronaphthalene	1.183	1.190	-0.6	101	0.08
49		2-Nitroaniline	0.292	0.294	-0.7	102	0.08
50		Acenaphthylene	1.955	1.997	-2.1	103	0.08
51		Dimethylphthalate	1.239	1.268	-2.3	104	0.07
52		2,6-Dinitrotoluene	0.309	0.316	-2.3	104	0.08
53	C	Acenaphthene	1.146	1.153	-0.6	102	0.08
54		3-Nitroaniline	0.344	0.351	-2.0	103	0.08
55	P	2,4-Dinitrophenol	0.146	0.152	-4.1	111	0.08
56		Dibenzofuran	1.615	1.650	-2.2	102	0.08
57	P	4-Nitrophenol	0.248	0.247	0.4	100	0.08
58		2,4-Dinitrotoluene	0.379	0.393	-3.7	106	0.08
59		Fluorene	1.209	1.226	-1.4	101	0.08
60		2,3,4,6-Tetrachlorophenol	0.287	0.297	-3.5	106	0.08
61		Diethylphthalate	1.166	1.180	-1.2	104	0.08
62		4-Chlorophenyl-phenylether	0.507	0.513	-1.2	101	0.08
63		4-Nitroaniline	0.345	0.349	-1.2	104	0.08
64		Azobenzene	1.152	1.178	-2.3	104	0.08
65	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.09
66		4,6-Dinitro-2-methylphenol	0.122	0.130	-6.6	110	0.08
67	c	n-Nitrosodiphenylamine	0.691	0.707	-2.3	103	0.08
68		4-Bromophenyl-phenylether	0.193	0.199	-3.1	104	0.08
69		Hexachlorobenzene	0.201	0.203	-1.0	102	0.09
70		Atrazine	0.180	0.177	1.7	100	0.08
71	C	Pentachlorophenol	0.124	0.125	-0.8	101	0.08
72		Phenanthrene	1.098	1.107	-0.8	102	0.09
73		Anthracene	1.118	1.139	-1.9	103	0.09
74		Carbazole	1.099	1.126	-2.5	105	0.09
75		Di-n-butylphthalate	1.228	1.240	-1.0	103	0.08
76	C	Fluoranthene	1.062	1.072	-0.9	104	0.09
77	I	Chrysene-d12	1.000	1.000	0.0	105	0.09
78		Benzidine	0.556	0.610	-9.7	102	0.09
79		Pyrene	1.354	1.367	-1.0	104	0.09
80	S	Terphenyl-d14	0.608	0.540	11.2	91	0.09
81		Butylbenzylphthalate	0.601	0.609	-1.3	106	0.09
82		Benzo(a)anthracene	1.102	1.093	0.8	104	0.09
83		3,3'-Dichlorobenzidine	0.371	0.381	-2.7	104	0.09
84		Chrysene	1.107	1.109	-0.2	105	0.09
85		Bis(2-ethylhexyl)phthalate	0.844	0.851	-0.8	104	0.09
86	c	Di-n-octyl phthalate	1.421	1.431	-0.7	105	0.09
87		Indeno(1,2,3-cd)pyrene	1.116	1.130	-1.3	109	0.22

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	I	Perylene-d12	1.000	1.000	0.0	109	0.14
89		Benzo(b)fluoranthene	1.152	1.175	-2.0	108	0.12
90		Benzo(k)fluoranthene	1.203	1.229	-2.2	109	0.12
91	C	Benzo(a)pyrene	1.133	1.162	-2.6	109	0.14
92		Dibenzo(a,h)anthracene	1.023	1.056	-3.2	109	0.22
93		Benzo(g,h,i)perylene	1.043	1.066	-2.2	109	0.24

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	105	0.08
2		1,4-Dioxane	40.000	37.968	5.1	98	0.07
3		Pyridine	40.000	41.466	-3.7	108	0.06
4		n-Nitrosodimethylamine	40.000	39.517	1.2	102	0.06
5	S	2-Fluorophenol	160.000	146.817	8.2	95	0.08
6		Aniline	40.000	40.511	-1.3	105	0.08
7	S	Phenol-d5	160.000	149.920	6.3	97	0.07
8		2-Chlorophenol	40.000	39.470	1.3	102	0.07
9		Benzaldehyde	40.000	44.081	-10.2	116	0.07
10	C	Phenol	40.000	38.426	3.9	100	0.07
11		bis(2-Chloroethyl)ether	40.000	39.154	2.1	101	0.07
12	S	2-Chlorophenol-d4	160.000	147.784	7.6	97	0.08
13		1,3-Dichlorobenzene	40.000	39.555	1.1	102	0.08
14	C	1,4-Dichlorobenzene	40.000	39.899	0.3	103	0.07
15	s	1,2-Dichlorobenzene-d4	160.000	145.637	9.0	94	0.07
16		1,2-Dichlorobenzene	40.000	39.467	1.3	103	0.07
17		Benzyl Alcohol	40.000	38.603	3.5	101	0.08
18		2,2'-oxybis(1-Chloropropane	40.000	39.429	1.4	103	0.07
19		2-Methylphenol	40.000	39.225	1.9	102	0.07
20		Hexachloroethane	40.000	38.736	3.2	100	0.07
21	P	n-Nitroso-di-n-propylamine	40.000	39.364	1.6	102	0.06
22		3+4-Methylphenols	40.000	40.030	-0.1	101	0.06
23	I	Naphthalene-d8	20.000	20.000	0.0	102	0.06
24		Acetophenone	40.000	39.951	0.1	99	0.07
25	S	Nitrobenzene-d5	160.000	149.836	6.4	96	0.07
26		Nitrobenzene	40.000	40.987	-2.5	105	0.07
27		Isophorone	40.000	40.406	-1.0	102	0.07
28	C	2-Nitrophenol	40.000	40.098	-0.2	102	0.07
29		2,4-Dimethylphenol	40.000	41.974	-4.9	105	0.07
30		bis(2-Chloroethoxy)methane	40.000	40.163	-0.4	101	0.06
31	C	2,4-Dichlorophenol	40.000	40.448	-1.1	102	0.07
32		1,2,4-Trichlorobenzene	40.000	41.213	-3.0	104	0.07
33		Naphthalene	40.000	40.527	-1.3	101	0.07
34		Benzoic acid	40.000	39.907	0.2	107	0.07
35		4-Chloroaniline	40.000	40.773	-1.9	102	0.06
36	C	Hexachlorobutadiene	40.000	40.009	-0.0	100	0.06
37		Caprolactam	40.000	39.723	0.7	102	0.07
38	C	4-Chloro-3-methylphenol	40.000	40.636	-1.6	103	0.06
39		2-Methylnaphthalene	40.000	40.732	-1.8	101	0.07
40	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.08
41		1,2,4,5-Tetrachlorobenzene	40.000	40.711	-1.8	102	0.08
42	P	Hexachlorocyclopentadiene	40.000	43.586	-9.0	106	0.08
43	S	2,4,6-Tribromophenol	160.000	154.551	3.4	98	0.08
44	C	2,4,6-Trichlorophenol	40.000	40.114	-0.3	100	0.08

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	40.000	39.972	0.1	100	0.07
46	S	2-Fluorobiphenyl	160.000	151.871	5.1	96	0.08
47		1,1'-Biphenyl	40.000	40.900	-2.2	102	0.08
48		2-Chloronaphthalene	40.000	40.251	-0.6	101	0.08
49		2-Nitroaniline	40.000	40.288	-0.7	102	0.08
50		Acenaphthylene	40.000	40.849	-2.1	103	0.08
51		Dimethylphthalate	40.000	40.935	-2.3	104	0.07
52		2,6-Dinitrotoluene	40.000	40.890	-2.2	104	0.08
53	C	Acenaphthene	40.000	40.266	-0.7	102	0.08
54		3-Nitroaniline	40.000	40.810	-2.0	103	0.08
55	P	2,4-Dinitrophenol	40.000	38.851	2.9	111	0.08
56		Dibenzofuran	40.000	40.882	-2.2	102	0.08
57	P	4-Nitrophenol	40.000	39.833	0.4	100	0.08
58		2,4-Dinitrotoluene	40.000	41.513	-3.8	106	0.08
59		Fluorene	40.000	40.558	-1.4	101	0.08
60		2,3,4,6-Tetrachlorophenol	40.000	41.477	-3.7	106	0.08
61		Diethylphthalate	40.000	40.470	-1.2	104	0.08
62		4-Chlorophenyl-phenylether	40.000	40.476	-1.2	101	0.08
63		4-Nitroaniline	40.000	40.467	-1.2	104	0.08
64		Azobenzene	40.000	40.905	-2.3	104	0.08
65	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.09
66		4,6-Dinitro-2-methylphenol	40.000	42.595	-6.5	110	0.08
67	c	n-Nitrosodiphenylamine	40.000	40.931	-2.3	103	0.08
68		4-Bromophenyl-phenylether	40.000	41.231	-3.1	104	0.08
69		Hexachlorobenzene	40.000	40.376	-0.9	102	0.09
70		Atrazine	40.000	39.363	1.6	100	0.08
71	C	Pentachlorophenol	40.000	40.215	-0.5	101	0.08
72		Phenanthrene	40.000	40.321	-0.8	102	0.09
73		Anthracene	40.000	40.759	-1.9	103	0.09
74		Carbazole	40.000	40.971	-2.4	105	0.09
75		Di-n-butylphthalate	40.000	40.395	-1.0	103	0.08
76	C	Fluoranthene	40.000	40.397	-1.0	104	0.09
77	I	Chrysene-d12	20.000	20.000	0.0	105	0.09
78		Benzidine	40.000	43.847	-9.6	102	0.09
79		Pyrene	40.000	40.393	-1.0	104	0.09
80	S	Terphenyl-d14	160.000	142.048	11.2	91	0.09
81		Butylbenzylphthalate	40.000	40.566	-1.4	106	0.09
82		Benzo(a)anthracene	40.000	39.678	0.8	104	0.09
83		3,3'-Dichlorobenzidine	40.000	41.151	-2.9	104	0.09
84		Chrysene	40.000	40.056	-0.1	105	0.09
85		Bis(2-ethylhexyl)phthalate	40.000	40.310	-0.8	104	0.09
86	c	Di-n-octyl phthalate	40.000	40.264	-0.7	105	0.09
87		Indeno(1,2,3-cd)pyrene	40.000	40.506	-1.3	109	0.22

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030281.D
Acq On : 4 Aug 2009 18:16
Operator : QM
Sample : 40 ng BNA ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 10:28:23 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	I	Perylene-d12	20.000	20.000	0.0	109	0.14
89		Benzo(b)fluoranthene	40.000	40.784	-2.0	108	0.12
90		Benzo(k)fluoranthene	40.000	40.848	-2.1	109	0.12
91	C	Benzo(a)pyrene	40.000	41.018	-2.5	109	0.14
92		Dibenzo(a,h)anthracene	40.000	41.267	-3.2	109	0.22
93		Benzo(g,h,i)perylene	40.000	40.868	-2.2	109	0.24

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	-0.04
2		1,4-Dioxane	0.569	0.554	2.6	85	-0.04
3		Pyridine	1.446	1.547	-7.0	95	-0.04
4		n-Nitrosodimethylamine	0.436	0.452	-3.7	91	-0.04
5	S	2-Fluorophenol	1.120	1.148	-2.5	90	-0.03
6		Aniline	1.971	2.065	-4.8	92	-0.04
7	S	Phenol-d5	1.393	1.421	-2.0	89	-0.04
8		2-Chlorophenol	1.353	1.403	-3.7	91	-0.04
9		Benzaldehyde	0.565	0.592	-4.8	94	-0.04
10	C	Phenol	1.583	1.630	-3.0	91	-0.04
11		bis(2-Chloroethyl)ether	1.301	1.328	-2.1	89	-0.04
12	S	2-Chlorophenol-d4	1.050	1.100	-4.8	93	-0.04
13		1,3-Dichlorobenzene	1.484	1.530	-3.1	90	-0.04
14	C	1,4-Dichlorobenzene	1.516	1.559	-2.8	90	-0.03
15	s	1,2-Dichlorobenzene-d4	0.686	0.713	-3.9	91	-0.04
16		1,2-Dichlorobenzene	1.348	1.386	-2.8	91	-0.04
17		Benzyl Alcohol	0.884	0.915	-3.5	92	-0.04
18		2,2'-oxybis(1-Chloropropane	1.817	1.862	-2.5	91	-0.04
19		2-Methylphenol	1.019	1.050	-3.0	91	-0.04
20		Hexachloroethane	0.500	0.503	-0.6	88	-0.04
21	P	n-Nitroso-di-n-propylamine	0.728	0.758	-4.1	91	-0.04
22		3+4-Methylphenols	1.177	1.249	-6.1	91	-0.04
23	I	Naphthalene-d8	1.000	1.000	0.0	91	-0.03
24		Acetophenone	0.405	0.421	-4.0	92	-0.04
25	S	Nitrobenzene-d5	0.282	0.278	1.4	90	-0.04
26		Nitrobenzene	0.311	0.314	-1.0	92	-0.04
27		Isophorone	0.616	0.622	-1.0	91	-0.04
28	C	2-Nitrophenol	0.197	0.205	-4.1	94	-0.04
29		2,4-Dimethylphenol	0.303	0.315	-4.0	92	-0.04
30		bis(2-Chloroethoxy)methane	0.390	0.400	-2.6	92	-0.03
31	C	2,4-Dichlorophenol	0.281	0.292	-3.9	93	-0.04
32		1,2,4-Trichlorobenzene	0.292	0.303	-3.8	93	-0.04
33		Naphthalene	1.025	1.065	-3.9	92	-0.04
34		Benzoic acid	0.193	0.235	-21.8	110	-0.04
35		4-Chloroaniline	0.410	0.436	-6.3	94	-0.04
36	C	Hexachlorobutadiene	0.138	0.143	-3.6	92	-0.03
37		Caprolactam	0.107	0.116	-8.4	98	-0.04
38	C	4-Chloro-3-methylphenol	0.259	0.276	-6.6	96	-0.03
39		2-Methylnaphthalene	0.629	0.659	-4.8	93	-0.04
40	I	Acenaphthene-d10	1.000	1.000	0.0	95	-0.04
41		1,2,4,5-Tetrachlorobenzene	0.497	0.500	-0.6	94	-0.04
42	P	Hexachlorocyclopentadiene	0.280	0.291	-3.9	94	-0.04
43	S	2,4,6-Tribromophenol	0.125	0.133	-6.4	101	-0.04
44	C	2,4,6-Trichlorophenol	0.352	0.364	-3.4	96	-0.04

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	0.368	0.388	-5.4	98	-0.04
46	S	2-Fluorobiphenyl	1.002	1.007	-0.5	94	-0.04
47		1,1'-Biphenyl	1.571	1.580	-0.6	94	-0.04
48		2-Chloronaphthalene	1.183	1.199	-1.4	95	-0.04
49		2-Nitroaniline	0.292	0.300	-2.7	97	-0.04
50		Acenaphthylene	1.955	2.005	-2.6	96	-0.04
51		Dimethylphthalate	1.239	1.303	-5.2	99	-0.04
52		2,6-Dinitrotoluene	0.309	0.324	-4.9	99	-0.04
53	C	Acenaphthene	1.146	1.177	-2.7	96	-0.04
54		3-Nitroaniline	0.344	0.370	-7.6	101	-0.04
55	P	2,4-Dinitrophenol	0.146	0.159	-8.9	108	-0.04
56		Dibenzofuran	1.615	1.672	-3.5	97	-0.04
57	P	4-Nitrophenol	0.248	0.295	-19.0	111	-0.04
58		2,4-Dinitrotoluene	0.379	0.408	-7.7	102	-0.04
59		Fluorene	1.209	1.265	-4.6	97	-0.04
60		2,3,4,6-Tetrachlorophenol	0.287	0.304	-5.9	101	-0.04
61		Diethylphthalate	1.166	1.240	-6.3	102	-0.04
62		4-Chlorophenyl-phenylether	0.507	0.543	-7.1	99	-0.04
63		4-Nitroaniline	0.345	0.385	-11.6	107	-0.04
64		Azobenzene	1.152	1.168	-1.4	95	-0.04
65	I	Phenanthrene-d10	1.000	1.000	0.0	101	-0.04
66		4,6-Dinitro-2-methylphenol	0.122	0.135	-10.7	110	-0.04
67	c	n-Nitrosodiphenylamine	0.691	0.702	-1.6	99	-0.04
68		4-Bromophenyl-phenylether	0.193	0.199	-3.1	100	-0.04
69		Hexachlorobenzene	0.201	0.209	-4.0	101	-0.04
70		Atrazine	0.180	0.188	-4.4	103	-0.04
71	C	Pentachlorophenol	0.124	0.136	-9.7	107	-0.04
72		Phenanthrene	1.098	1.128	-2.7	100	-0.04
73		Anthracene	1.118	1.145	-2.4	100	-0.05
74		Carbazole	1.099	1.137	-3.5	102	-0.04
75		Di-n-butylphthalate	1.228	1.283	-4.5	103	-0.04
76	C	Fluoranthene	1.062	1.118	-5.3	104	-0.04
77	I	Chrysene-d12	1.000	1.000	0.0	107	-0.04
78		Benzidine	0.556	0.449	19.2	76	-0.04
79		Pyrene	1.354	1.329	1.8	102	-0.04
80	S	Terphenyl-d14	0.608	0.608	0.0	104	-0.04
81		Butylbenzylphthalate	0.601	0.604	-0.5	106	-0.04
82		Benzo(a)anthracene	1.102	1.105	-0.3	106	-0.04
83		3,3'-Dichlorobenzidine	0.371	0.391	-5.4	108	-0.04
84		Chrysene	1.107	1.097	0.9	105	-0.04
85		Bis(2-ethylhexyl)phthalate	0.844	0.855	-1.3	106	-0.04
86	c	Di-n-octyl phthalate	1.421	1.453	-2.3	108	-0.04
87		Indeno(1,2,3-cd)pyrene	1.116	1.105	1.0	108	-0.10

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

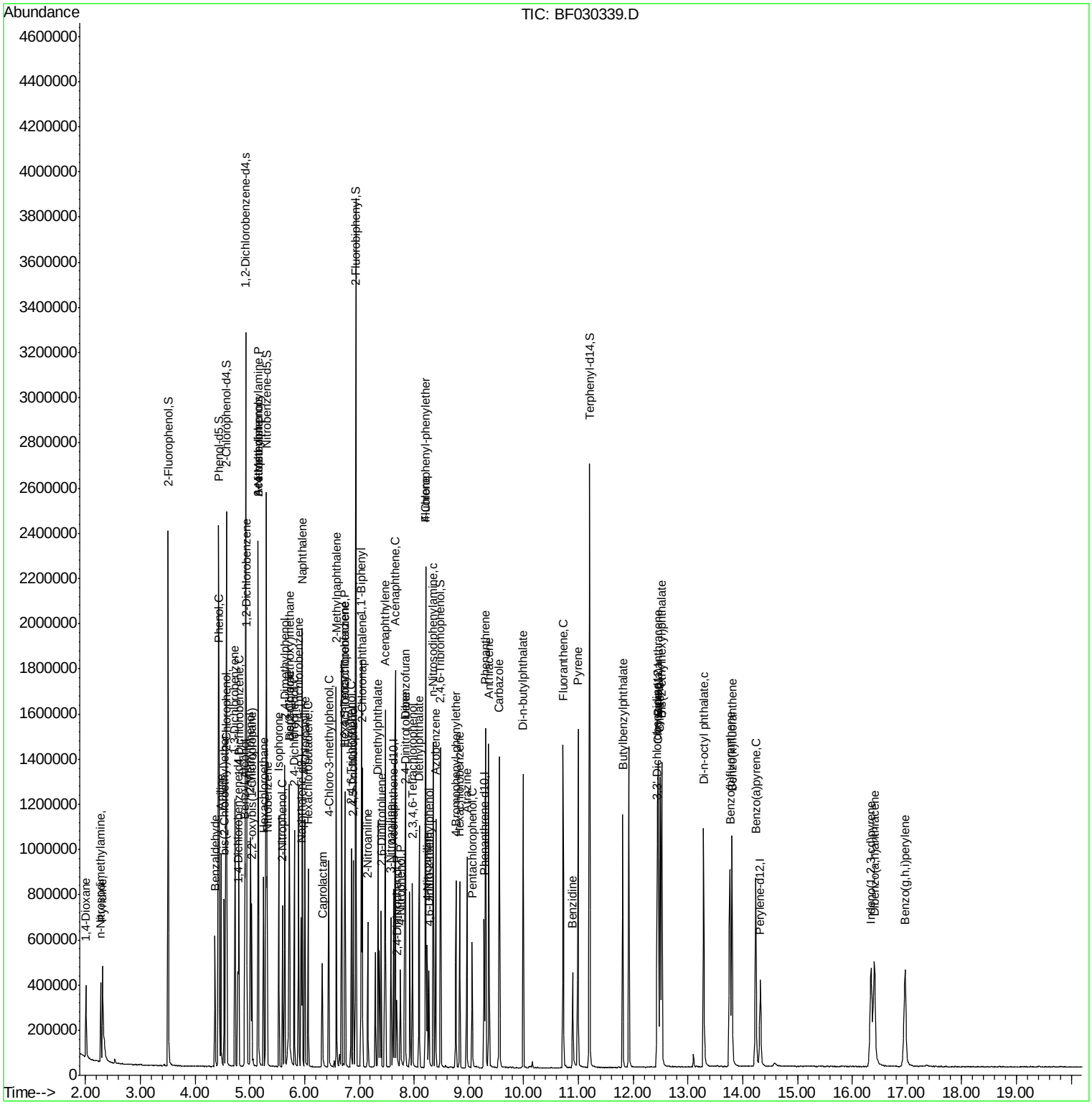
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	I	Perylene-d12	1.000	1.000	0.0	110	-0.06
89		Benzo(b)fluoranthene	1.152	1.187	-3.0	111	-0.05
90		Benzo(k)fluoranthene	1.203	1.200	0.2	108	-0.05
91	C	Benzo(a)pyrene	1.133	1.126	0.6	107	-0.06
92		Dibenzo(a,h)anthracene	1.023	1.030	-0.7	109	-0.10
93		Benzo(g,h,i)perylene	1.043	1.022	2.0	106	-0.11

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

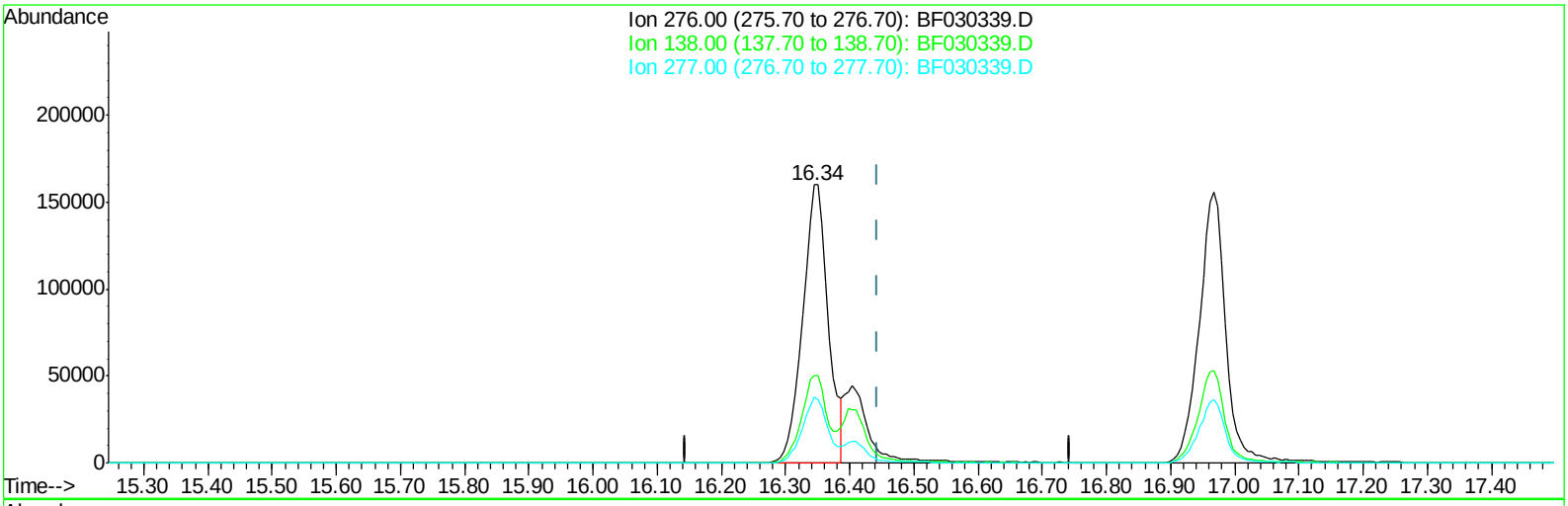
Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
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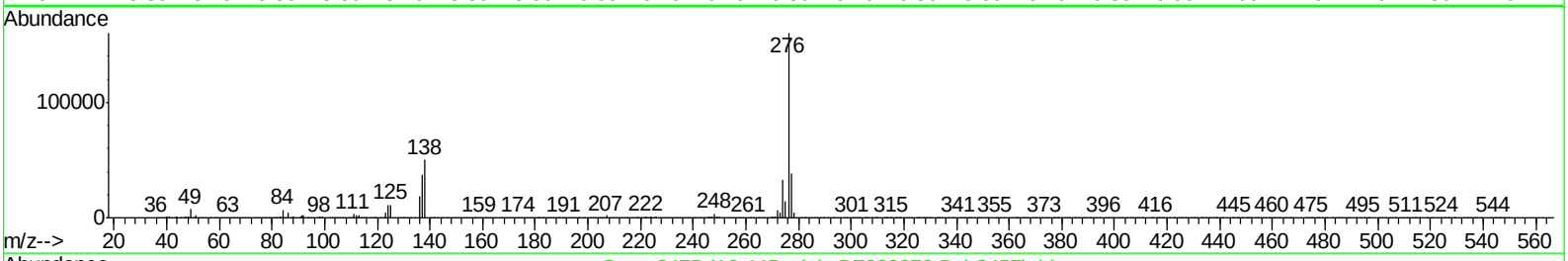


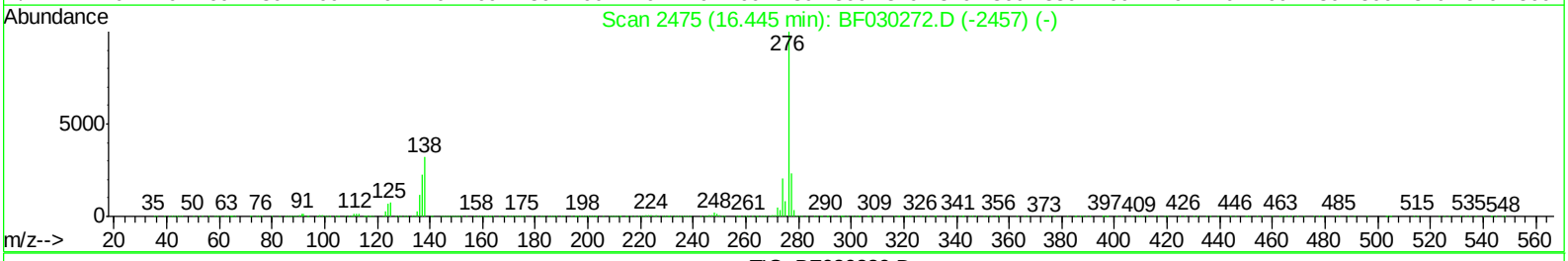
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 15:13:36 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration







TIC: BF030339.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.100) 31.46ng

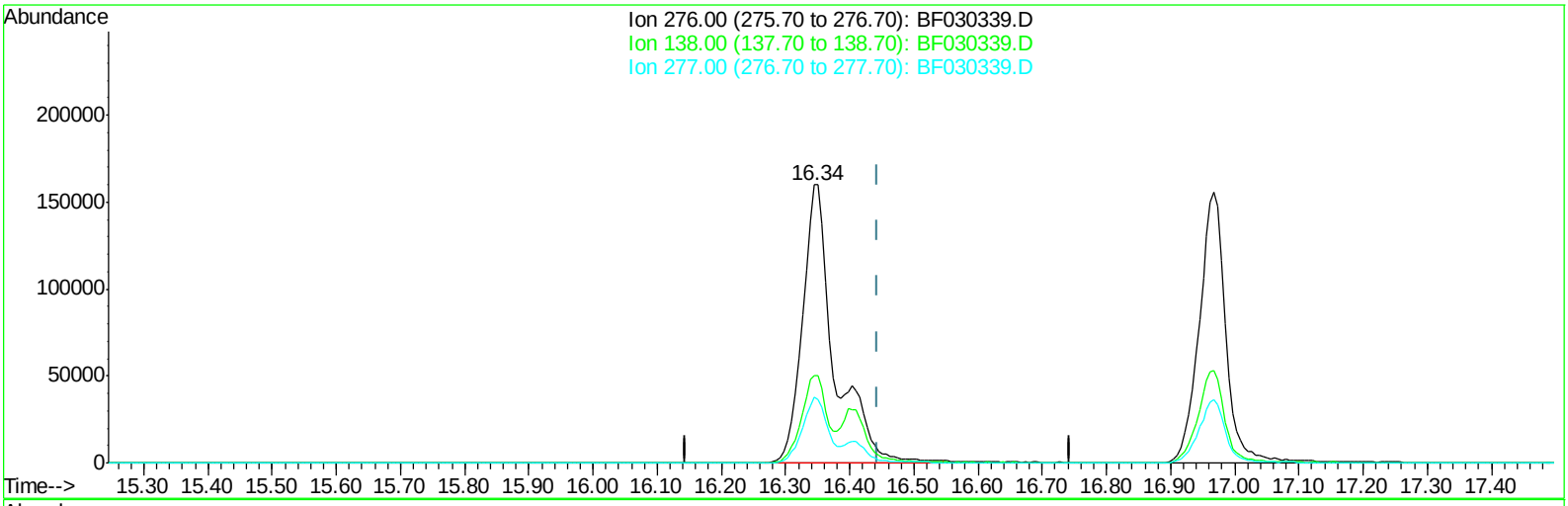
response 437538

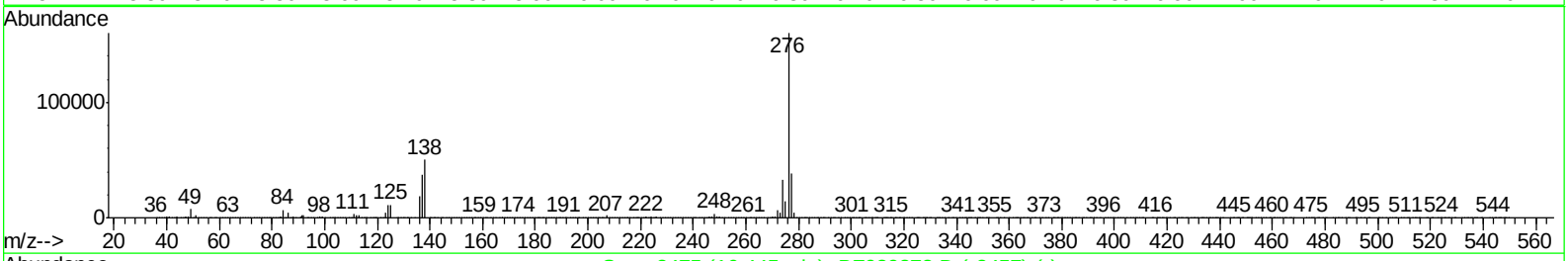
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	30.68
277.00	19.30	23.77#
0.00	0.00	0.00

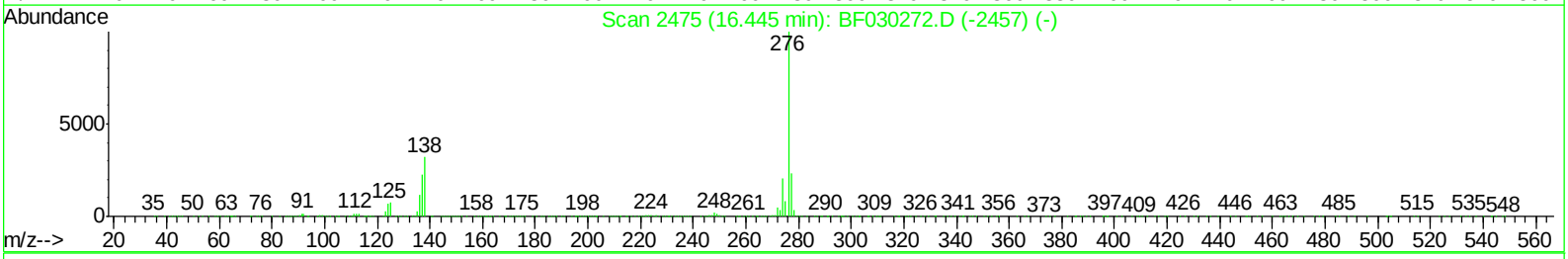
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 15:13:36 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration







TIC: BF030339.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.100) 39.63ng m

response 551116

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	24.36
277.00	19.30	18.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	89272	20.00	ng		-0.04
23) Naphthalene-d8	5.94	136	331187	20.00	ng		-0.03
40) Acenaphthene-d10	7.62	164	169944	20.00	ng		-0.04
65) Phenanthrene-d10	9.27	188	280967	20.00	ng		-0.04
77) Chrysene-d12	12.46	240	249325	20.00	ng		-0.04
88) Perylene-d12	14.32	264	224357	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	819963	163.98	ng		-0.03
7) Phenol-d5	4.43	99	1014633	163.22	ng		-0.04
12) 2-Chlorophenol-d4	4.56	132	785814	167.59	ng		-0.04
15) 1,2-Dichlorobenzene-d4	4.93	152	508998	166.23	ng		-0.04
25) Nitrobenzene-d5	5.30	82	737649	158.09	ng		-0.04
43) 2,4,6-Tribromophenol	8.49	330	180906	170.92	ng		-0.04
46) 2-Fluorobiphenyl	6.94	172	1368625	160.80	ng		-0.04
80) Terphenyl-d14	11.20	244	1213530	160.19	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	98900	38.93	ng	#	84
3) Pyridine	2.31	79	276179	42.80	ng	#	80
4) n-Nitrosodimethylamine	2.28	42	80686	41.44	ng	#	68
6) Aniline	4.47	93	368614	41.89	ng		98
8) 2-Chlorophenol	4.58	128	250555	41.50	ng		97
9) Benzaldehyde	4.36	77	105729	41.90	ng		97
10) Phenol	4.44	94	290999	41.18	ng		83
11) bis(2-Chloroethyl)ether	4.53	93	237089	40.82	ng		95
13) 1,3-Dichlorobenzene	4.73	146	273232	41.25	ng		98
14) 1,4-Dichlorobenzene	4.80	146	278298	41.13	ng		97
16) 1,2-Dichlorobenzene	4.94	146	247491	41.12	ng		100
17) Benzyl Alcohol	4.90	79	163389	41.42	ng		99
18) 2,2'-oxybis(1-Chloropropan	5.03	45	332431	40.99	ng		94
19) 2-Methylphenol	5.01	107	187479	41.22	ng		97
20) Hexachloroethane	5.25	117	89828	40.25	ng	#	86
21) n-Nitroso-di-n-propylamine	5.16	70	135377	41.67	ng		93
22) 3+4-Methylphenols	5.15	107	222957	42.44	ng	#	70
24) Acetophenone	5.15	105	278627	41.55	ng	#	95
26) Nitrobenzene	5.32	77	208079	40.43	ng		98
27) Isophorone	5.53	82	412259	40.40	ng		100
28) 2-Nitrophenol	5.60	139	135651	41.52	ng		96
29) 2,4-Dimethylphenol	5.63	122	208767	41.63	ng		98
30) bis(2-Chloroethoxy)methane	5.72	93	264676	40.99	ng		99
31) 2,4-Dichlorophenol	5.81	162	193701	41.56	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	200376	41.46	ng		99
33) Naphthalene	5.96	128	705133	41.55	ng		100
34) Benzoic acid	5.73	122	155423	44.80	ng		98
35) 4-Chloroaniline	6.00	127	288619	42.50	ng		98
36) Hexachlorobutadiene	6.07	225	94867	41.53	ng		99
37) Caprolactam	6.32	113	76693	43.23	ng	#	76
38) 4-Chloro-3-methylphenol	6.44	107	182806	42.70	ng		97
39) 2-Methylnaphthalene	6.58	142	436192	41.89	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.74	216	169979	40.23	ng		99
42) Hexachlorocyclopentadiene	6.73	237	98779	41.52	ng		100
44) 2,4,6-Trichlorophenol	6.85	196	123684	41.37	ng		97
45) 2,4,5-Trichlorophenol	6.89	196	131723	42.16	ng		96
47) 1,1'-Biphenyl	7.03	154	537031	40.23	ng		98
48) 2-Chloronaphthalene	7.05	162	407596	40.56	ng		100
49) 2-Nitroaniline	7.15	65	101998	41.08	ng		96
50) Acenaphthylene	7.47	152	681552	41.03	ng		99
51) Dimethylphthalate	7.34	163	443009	42.09	ng		99
52) 2,6-Dinitrotoluene	7.40	165	110286	41.94	ng		98
53) Acenaphthene	7.66	154	400169	41.10	ng		99
54) 3-Nitroaniline	7.57	138	125760	43.05	ng		96
55) 2,4-Dinitrophenol	7.69	184	54096	40.23	ng		90
56) Dibenzofuran	7.84	168	568426	41.42	ng		99
57) 4-Nitrophenol	7.75	139	100436	47.64	ng		89
58) 2,4-Dinitrotoluene	7.83	165	138586	43.05	ng	#	81
59) Fluorene	8.21	166	430065	41.85	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	103389	42.42	ng	#	92
61) Diethylphthalate	8.09	149	421568	42.53	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	184681	42.89	ng		100
63) 4-Nitroaniline	8.24	138	130836	44.68	ng		99
64) Azobenzene	8.39	77	396982	40.56	ng		96
66) 4,6-Dinitro-2-methylphenol	8.27	198	75622	44.25	ng		88
67) n-Nitrosodiphenylamine	8.35	169	394269	40.61	ng		99
68) 4-Bromophenyl-phenylether	8.76	248	111883	41.23	ng		98
69) Hexachlorobenzene	8.83	284	117197	41.41	ng		97
70) Atrazine	8.96	200	105575	41.81	ng		99
71) Pentachlorophenol	9.06	266	76300	43.79	ng		98
72) Phenanthrene	9.30	178	633582	41.07	ng		99
73) Anthracene	9.36	178	643502	40.98	ng		99
74) Carbazole	9.56	167	638745	41.37	ng		99
75) Di-n-butylphthalate	9.99	149	720925	41.78	ng		99
76) Fluoranthene	10.72	202	628133	42.12	ng		98
78) Benzidine	10.90	184	224064	32.31	ng		99
79) Pyrene	10.99	202	662671	39.26	ng		100
81) Butylbenzylphthalate	11.81	149	300943	40.20	ng		98
82) Benzo(a)anthracene	12.45	228	550784	40.11	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	194938	42.17	ng		99
84) Chrysene	12.50	228	546808	39.61	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	426430	40.51	ng		99
86) Di-n-octyl phthalate	13.29	149	724561	40.90	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.34	276	551116m	39.63	ng		
89) Benzo(b)fluoranthene	13.77	252	532539	41.19	ng		99
90) Benzo(k)fluoranthene	13.80	252	538546	39.89	ng		99
91) Benzo(a)pyrene	14.24	252	505057	39.72	ng		100
92) Dibenzo(a,h)anthracene	16.41	278	462331	40.27	ng		99
93) Benzo(g,h,i)perylene	16.97	276	458428	39.17	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	89	-0.04
2		1,4-Dioxane	40.000	38.933	2.7	85	-0.04
3		Pyridine	40.000	42.797	-7.0	95	-0.04
4		n-Nitrosodimethylamine	40.000	41.439	-3.6	91	-0.04
5	S	2-Fluorophenol	160.000	163.976	-2.5	90	-0.03
6		Aniline	40.000	41.892	-4.7	92	-0.04
7	S	Phenol-d5	160.000	163.219	-2.0	89	-0.04
8		2-Chlorophenol	40.000	41.500	-3.8	91	-0.04
9		Benzaldehyde	40.000	41.898	-4.7	94	-0.04
10	C	Phenol	40.000	41.181	-3.0	91	-0.04
11		bis(2-Chloroethyl)ether	40.000	40.816	-2.0	89	-0.04
12	S	2-Chlorophenol-d4	160.000	167.589	-4.7	93	-0.04
13		1,3-Dichlorobenzene	40.000	41.250	-3.1	90	-0.04
14	C	1,4-Dichlorobenzene	40.000	41.133	-2.8	90	-0.03
15	s	1,2-Dichlorobenzene-d4	160.000	166.231	-3.9	91	-0.04
16		1,2-Dichlorobenzene	40.000	41.124	-2.8	91	-0.04
17		Benzyl Alcohol	40.000	41.416	-3.5	92	-0.04
18		2,2'-oxybis(1-Chloropropane	40.000	40.988	-2.5	91	-0.04
19		2-Methylphenol	40.000	41.219	-3.0	91	-0.04
20		Hexachloroethane	40.000	40.249	-0.6	88	-0.04
21	P	n-Nitroso-di-n-propylamine	40.000	41.673	-4.2	91	-0.04
22		3+4-Methylphenols	40.000	42.440	-6.1	91	-0.04
23	I	Naphthalene-d8	20.000	20.000	0.0	91	-0.03
24		Acetophenone	40.000	41.549	-3.9	92	-0.04
25	S	Nitrobenzene-d5	160.000	158.086	1.2	90	-0.04
26		Nitrobenzene	40.000	40.432	-1.1	92	-0.04
27		Isophorone	40.000	40.403	-1.0	91	-0.04
28	C	2-Nitrophenol	40.000	41.517	-3.8	94	-0.04
29		2,4-Dimethylphenol	40.000	41.629	-4.1	92	-0.04
30		bis(2-Chloroethoxy)methane	40.000	40.987	-2.5	92	-0.03
31	C	2,4-Dichlorophenol	40.000	41.562	-3.9	93	-0.04
32		1,2,4-Trichlorobenzene	40.000	41.458	-3.6	93	-0.04
33		Naphthalene	40.000	41.549	-3.9	92	-0.04
34		Benzoic acid	40.000	44.800	-12.0	110	-0.04
35		4-Chloroaniline	40.000	42.504	-6.3	94	-0.04
36	C	Hexachlorobutadiene	40.000	41.529	-3.8	92	-0.03
37		Caprolactam	40.000	43.229	-8.1	98	-0.04
38	C	4-Chloro-3-methylphenol	40.000	42.700	-6.8	96	-0.03
39		2-Methylnaphthalene	40.000	41.892	-4.7	93	-0.04
40	I	Acenaphthene-d10	20.000	20.000	0.0	95	-0.04
41		1,2,4,5-Tetrachlorobenzene	40.000	40.233	-0.6	94	-0.04
42	P	Hexachlorocyclopentadiene	40.000	41.516	-3.8	94	-0.04
43	S	2,4,6-Tribromophenol	160.000	170.922	-6.8	101	-0.04
44	C	2,4,6-Trichlorophenol	40.000	41.367	-3.4	96	-0.04

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
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Quant Time: Aug 06 16:57:03 2009
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	40.000	42.157	-5.4	98	-0.04
46	S	2-Fluorobiphenyl	160.000	160.801	-0.5	94	-0.04
47		1,1'-Biphenyl	40.000	40.226	-0.6	94	-0.04
48		2-Chloronaphthalene	40.000	40.556	-1.4	95	-0.04
49		2-Nitroaniline	40.000	41.085	-2.7	97	-0.04
50		Acenaphthylene	40.000	41.026	-2.6	96	-0.04
51		Dimethylphthalate	40.000	42.088	-5.2	99	-0.04
52		2,6-Dinitrotoluene	40.000	41.941	-4.9	99	-0.04
53	C	Acenaphthene	40.000	41.102	-2.8	96	-0.04
54		3-Nitroaniline	40.000	43.050	-7.6	101	-0.04
55	P	2,4-Dinitrophenol	40.000	40.232	-0.6	108	-0.04
56		Dibenzofuran	40.000	41.424	-3.6	97	-0.04
57	P	4-Nitrophenol	40.000	47.645	-19.1	111	-0.04
58		2,4-Dinitrotoluene	40.000	43.054	-7.6	102	-0.04
59		Fluorene	40.000	41.855	-4.6	97	-0.04
60		2,3,4,6-Tetrachlorophenol	40.000	42.421	-6.1	101	-0.04
61		Diethylphthalate	40.000	42.533	-6.3	102	-0.04
62		4-Chlorophenyl-phenylether	40.000	42.886	-7.2	99	-0.04
63		4-Nitroaniline	40.000	44.677	-11.7	107	-0.04
64		Azobenzene	40.000	40.558	-1.4	95	-0.04
65	I	Phenanthrene-d10	20.000	20.000	0.0	101	-0.04
66		4,6-Dinitro-2-methylphenol	40.000	44.251	-10.6	110	-0.04
67	c	n-Nitrosodiphenylamine	40.000	40.607	-1.5	99	-0.04
68		4-Bromophenyl-phenylether	40.000	41.229	-3.1	100	-0.04
69		Hexachlorobenzene	40.000	41.413	-3.5	101	-0.04
70		Atrazine	40.000	41.809	-4.5	103	-0.04
71	C	Pentachlorophenol	40.000	43.785	-9.5	107	-0.04
72		Phenanthrene	40.000	41.071	-2.7	100	-0.04
73		Anthracene	40.000	40.984	-2.5	100	-0.05
74		Carbazole	40.000	41.367	-3.4	102	-0.04
75		Di-n-butylphthalate	40.000	41.780	-4.5	103	-0.04
76	C	Fluoranthene	40.000	42.120	-5.3	104	-0.04
77	I	Chrysene-d12	20.000	20.000	0.0	107	-0.04
78		Benzidine	40.000	32.310	19.2	76	-0.04
79		Pyrene	40.000	39.255	1.9	102	-0.04
80	S	Terphenyl-d14	160.000	160.190	-0.1	104	-0.04
81		Butylbenzylphthalate	40.000	40.197	-0.5	106	-0.04
82		Benzo(a)anthracene	40.000	40.106	-0.3	106	-0.04
83		3,3'-Dichlorobenzidine	40.000	42.173	-5.4	108	-0.04
84		Chrysene	40.000	39.612	1.0	105	-0.04
85		Bis(2-ethylhexyl)phthalate	40.000	40.513	-1.3	106	-0.04
86	c	Di-n-octyl phthalate	40.000	40.898	-2.2	108	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.629	0.9	108	-0.10

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030339.D
Acq On : 6 Aug 2009 14:51
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 16:57:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 16:55:01 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	I	Perylene-d12	20.000	20.000	0.0	110	-0.06
89		Benzo(b)fluoranthene	40.000	41.194	-3.0	111	-0.05
90		Benzo(k)fluoranthene	40.000	39.891	0.3	108	-0.05
91	C	Benzo(a)pyrene	40.000	39.723	0.7	107	-0.06
92		Dibenzo(a,h)anthracene	40.000	40.273	-0.7	109	-0.10
93		Benzo(g,h,i)perylene	40.000	39.166	2.1	106	-0.11

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
2		1,4-Dioxane	0.569	0.562	1.2	81	0.00
3		Pyridine	1.446	1.513	-4.6	87	0.00
4		n-Nitrosodimethylamine	0.436	0.453	-3.9	85	0.00
5	S	2-Fluorophenol	1.120	1.143	-2.1	84	0.00
6		Aniline	1.971	2.021	-2.5	84	0.00
7	S	Phenol-d5	1.393	1.405	-0.9	83	0.00
8		2-Chlorophenol	1.353	1.384	-2.3	84	0.00
9		Benzaldehyde	0.565	0.587	-3.9	87	0.00
10	C	Phenol	1.583	1.591	-0.5	83	0.00
11		bis(2-Chloroethyl)ether	1.301	1.313	-0.9	83	0.00
12	S	2-Chlorophenol-d4	1.050	1.074	-2.3	85	0.00
13		1,3-Dichlorobenzene	1.484	1.524	-2.7	84	0.00
14	C	1,4-Dichlorobenzene	1.516	1.535	-1.3	83	0.00
15	s	1,2-Dichlorobenzene-d4	0.686	0.706	-2.9	85	0.00
16		1,2-Dichlorobenzene	1.348	1.392	-3.3	85	0.00
17		Benzyl Alcohol	0.884	0.887	-0.3	84	0.00
18		2,2'-oxybis(1-Chloropropane	1.817	1.833	-0.9	84	0.00
19		2-Methylphenol	1.019	1.031	-1.2	83	0.00
20		Hexachloroethane	0.500	0.509	-1.8	83	0.00
21	P	n-Nitroso-di-n-propylamine	0.728	0.740	-1.6	83	0.00
22		3+4-Methylphenols	1.177	1.236	-5.0	84	0.00
23	I	Naphthalene-d8	1.000	1.000	0.0	83	0.00
24		Acetophenone	0.405	0.425	-4.9	84	0.00
25	S	Nitrobenzene-d5	0.282	0.286	-1.4	84	0.00
26		Nitrobenzene	0.311	0.321	-3.2	85	0.00
27		Isophorone	0.616	0.634	-2.9	84	0.00
28	C	2-Nitrophenol	0.197	0.208	-5.6	87	0.00
29		2,4-Dimethylphenol	0.303	0.312	-3.0	83	0.00
30		bis(2-Chloroethoxy)methane	0.390	0.406	-4.1	85	0.00
31	C	2,4-Dichlorophenol	0.281	0.292	-3.9	85	0.00
32		1,2,4-Trichlorobenzene	0.292	0.306	-4.8	85	0.00
33		Naphthalene	1.025	1.063	-3.7	84	0.00
34		Benzoic acid	0.193	0.228	-18.1	97	0.00
35		4-Chloroaniline	0.410	0.432	-5.4	85	0.00
36	C	Hexachlorobutadiene	0.138	0.145	-5.1	85	0.00
37		Caprolactam	0.107	0.115	-7.5	89	0.00
38	C	4-Chloro-3-methylphenol	0.259	0.269	-3.9	86	0.00
39		2-Methylnaphthalene	0.629	0.662	-5.2	85	0.00
40	I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
41		1,2,4,5-Tetrachlorobenzene	0.497	0.508	-2.2	86	0.00
42	P	Hexachlorocyclopentadiene	0.280	0.251	10.4	74	0.00
43	S	2,4,6-Tribromophenol	0.125	0.131	-4.8	90	0.00
44	C	2,4,6-Trichlorophenol	0.352	0.366	-4.0	87	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	0.368	0.385	-4.6	89	0.00
46	S	2-Fluorobiphenyl	1.002	1.020	-1.8	87	0.00
47		1,1'-Biphenyl	1.571	1.595	-1.5	86	0.00
48		2-Chloronaphthalene	1.183	1.198	-1.3	86	0.00
49		2-Nitroaniline	0.292	0.301	-3.1	88	0.00
50		Acenaphthylene	1.955	2.005	-2.6	87	0.00
51		Dimethylphthalate	1.239	1.299	-4.8	90	0.00
52		2,6-Dinitrotoluene	0.309	0.326	-5.5	91	0.00
53	C	Acenaphthene	1.146	1.170	-2.1	87	0.00
54		3-Nitroaniline	0.344	0.369	-7.3	91	0.00
55	P	2,4-Dinitrophenol	0.146	0.146	0.0	89	0.00
56		Dibenzofuran	1.615	1.679	-4.0	88	0.00
57	P	4-Nitrophenol	0.248	0.298	-20.2	101	0.00
58		2,4-Dinitrotoluene	0.379	0.408	-7.7	93	0.00
59		Fluorene	1.209	1.255	-3.8	87	0.00
60		2,3,4,6-Tetrachlorophenol	0.287	0.305	-6.3	91	0.00
61		Diethylphthalate	1.166	1.237	-6.1	92	0.00
62		4-Chlorophenyl-phenylether	0.507	0.530	-4.5	88	0.00
63		4-Nitroaniline	0.345	0.389	-12.8	98	0.00
64		Azobenzene	1.152	1.185	-2.9	88	0.00
65	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
66		4,6-Dinitro-2-methylphenol	0.122	0.122	0.0	91	0.00
67	c	n-Nitrosodiphenylamine	0.691	0.687	0.6	89	0.00
68		4-Bromophenyl-phenylether	0.193	0.193	0.0	89	0.00
69		Hexachlorobenzene	0.201	0.204	-1.5	91	0.00
70		Atrazine	0.180	0.185	-2.8	93	0.00
71	C	Pentachlorophenol	0.124	0.131	-5.6	94	0.00
72		Phenanthrene	1.098	1.113	-1.4	91	0.00
73		Anthracene	1.118	1.140	-2.0	91	0.00
74		Carbazole	1.099	1.135	-3.3	94	0.00
75		Di-n-butylphthalate	1.228	1.278	-4.1	94	0.00
76	C	Fluoranthene	1.062	1.104	-4.0	95	0.00
77	I	Chrysene-d12	1.000	1.000	0.0	99	0.00
78		Benzidine	0.556	0.570	-2.5	90	0.00
79		Pyrene	1.354	1.341	1.0	95	0.00
80	S	Terphenyl-d14	0.608	0.599	1.5	95	0.00
81		Butylbenzylphthalate	0.601	0.606	-0.8	98	0.00
82		Benzo(a)anthracene	1.102	1.102	0.0	98	0.00
83		3,3'-Dichlorobenzidine	0.371	0.384	-3.5	98	0.00
84		Chrysene	1.107	1.101	0.5	98	0.00
85		Bis(2-ethylhexyl)phthalate	0.844	0.859	-1.8	98	0.00
86	c	Di-n-octyl phthalate	1.421	1.452	-2.2	100	0.00
87		Indeno(1,2,3-cd)pyrene	1.116	0.911	18.4	82	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

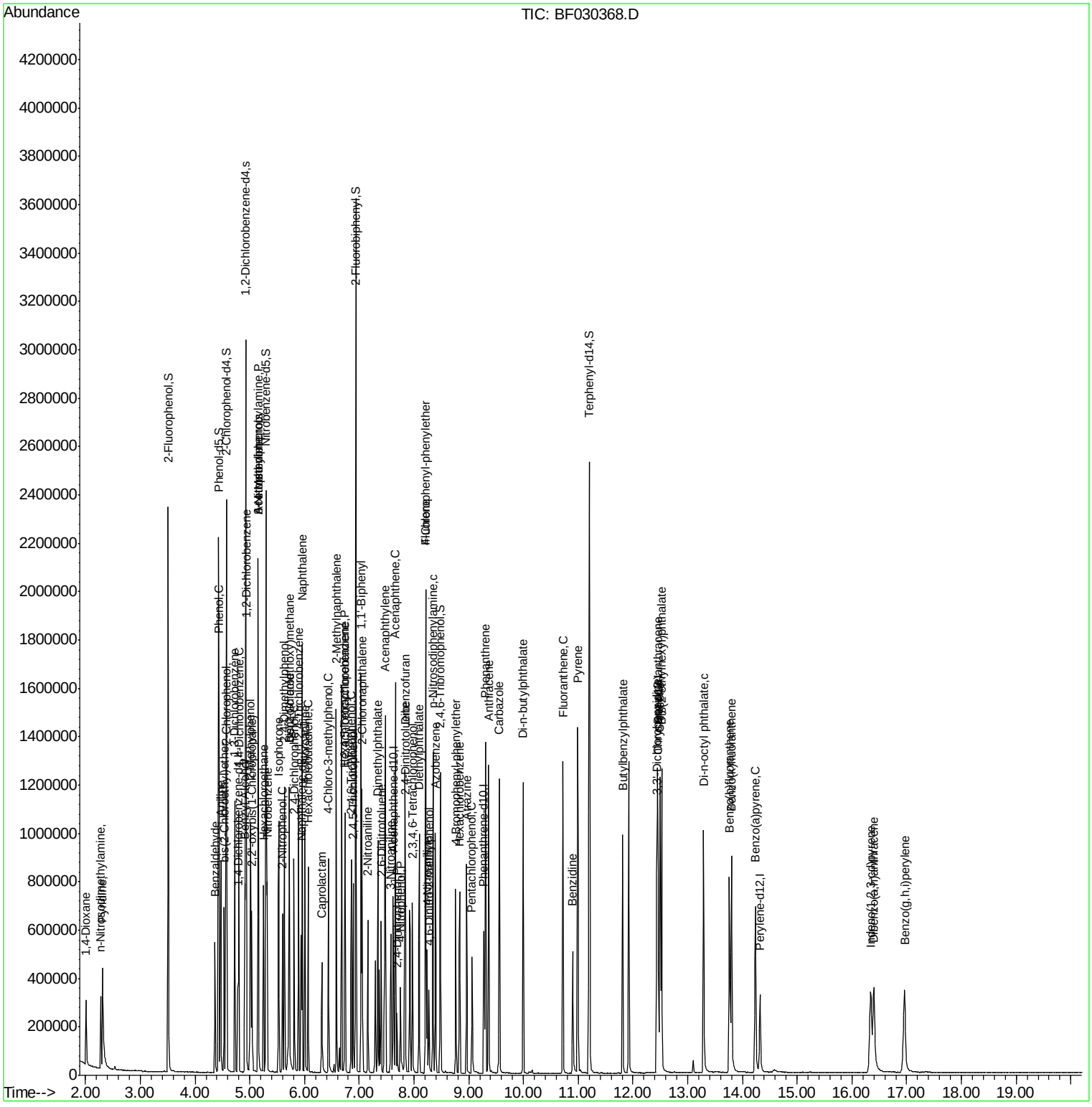
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	I	Perylene-d12	1.000	1.000	0.0	91	0.00
89		Benzo(b)fluoranthene	1.152	1.188	-3.1	92	0.00
90		Benzo(k)fluoranthene	1.203	1.325	-10.1	99	0.00
91	C	Benzo(a)pyrene	1.133	1.157	-2.1	91	0.00
92		Dibenzo(a,h)anthracene	1.023	0.944	7.7	82	0.00
93		Benzo(g,h,i)perylene	1.043	0.970	7.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
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Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	83456	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	301326	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	154089	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	257935	20.00	ng		0.00
77) Chrysene-d12	12.46	240	230228	20.00	ng		0.00
88) Perylene-d12	14.32	264	185509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	763208	163.26	ng		0.00
7) Phenol-d5	4.43	99	937787	161.37	ng		0.00
12) 2-Chlorophenol-d4	4.57	132	717120	163.60	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	471658	164.77	ng		0.00
25) Nitrobenzene-d5	5.30	82	688235	162.11	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	162069	168.88	ng		0.00
46) 2-Fluorobiphenyl	6.94	172	1257809	162.99	ng		0.00
80) Terphenyl-d14	11.20	244	1103274	157.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	93842	39.52	ng	#	82
3) Pyridine	2.31	79	252524	41.86	ng	#	80
4) n-Nitrosodimethylamine	2.27	42	75549	41.51	ng	#	71
6) Aniline	4.47	93	337404	41.02	ng		99
8) 2-Chlorophenol	4.58	128	231044	40.94	ng		97
9) Benzaldehyde	4.36	77	97943	41.52	ng		98
10) Phenol	4.44	94	265515	40.19	ng		85
11) bis(2-Chloroethyl)ether	4.53	93	219082	40.34	ng		90
13) 1,3-Dichlorobenzene	4.73	146	254413	41.09	ng		99
14) 1,4-Dichlorobenzene	4.80	146	256214	40.51	ng		97
16) 1,2-Dichlorobenzene	4.94	146	232308	41.29	ng		99
17) Benzyl Alcohol	4.90	79	148117	40.16	ng		99
18) 2,2'-oxybis(1-Chloropropan	5.03	45	305957	40.35	ng		93
19) 2-Methylphenol	5.01	107	172142	40.48	ng		95
20) Hexachloroethane	5.25	117	85038	40.76	ng	#	88
21) n-Nitroso-di-n-propylamine	5.16	70	123498	40.67	ng		93
22) 3+4-Methylphenols	5.15	107	206250	42.00	ng	#	69
24) Acetophenone	5.15	105	255899	41.94	ng	#	94
26) Nitrobenzene	5.32	77	193484	41.32	ng		99
27) Isophorone	5.53	82	381867	41.13	ng		100
28) 2-Nitrophenol	5.60	139	125164	42.10	ng		97
29) 2,4-Dimethylphenol	5.63	122	188238	41.26	ng		97
30) bis(2-Chloroethoxy)methane	5.72	93	244405	41.60	ng		99
31) 2,4-Dichlorophenol	5.81	162	175980	41.50	ng		98
32) 1,2,4-Trichlorobenzene	5.89	180	184287	41.91	ng		99
33) Naphthalene	5.96	128	640408	41.47	ng		99
34) Benzoic acid	5.73	122	137275	43.68	ng		97
35) 4-Chloroaniline	6.00	127	260532	42.17	ng		99
36) Hexachlorobutadiene	6.07	225	87524	42.11	ng		99
37) Caprolactam	6.32	113	69471	43.04	ng	#	80
38) 4-Chloro-3-methylphenol	6.44	107	162168	41.63	ng		99
39) 2-Methylnaphthalene	6.58	142	399179	42.14	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	156589	40.88	ng		98
42) Hexachlorocyclopentadiene	6.73	237	77290	35.83	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	112878	41.64	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	118536	41.84	ng		96
47) 1,1'-Biphenyl	7.03	154	491631	40.61	ng		99
48) 2-Chloronaphthalene	7.06	162	369082	40.50	ng		97
49) 2-Nitroaniline	7.16	65	92909	41.27	ng		84
50) Acenaphthylene	7.47	152	618003	41.03	ng		99
51) Dimethylphthalate	7.34	163	400313	41.95	ng		99
52) 2,6-Dinitrotoluene	7.40	165	100519	42.16	ng	#	90
53) Acenaphthene	7.66	154	360703	40.86	ng		100
54) 3-Nitroaniline	7.57	138	113765	42.95	ng		100
55) 2,4-Dinitrophenol	7.69	184	44893	37.53	ng		92
56) Dibenzofuran	7.84	168	517503	41.59	ng		99
57) 4-Nitrophenol	7.75	139	91839	48.05	ng		90
58) 2,4-Dinitrotoluene	7.83	165	125771	43.09	ng	#	84
59) Fluorene	8.21	166	386819	41.52	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	93898	42.49	ng	#	93
61) Diethylphthalate	8.09	149	381063	42.40	ng		97
62) 4-Chlorophenyl-phenylether	8.22	204	163272	41.82	ng		98
63) 4-Nitroaniline	8.24	138	119828	45.13	ng		98
64) Azobenzene	8.39	77	365155	41.15	ng		96
66) 4,6-Dinitro-2-methylphenol	8.27	198	62748	40.00	ng		86
67) n-Nitrosodiphenylamine	8.35	169	354280	39.75	ng		98
68) 4-Bromophenyl-phenylether	8.76	248	99312	39.86	ng		97
69) Hexachlorobenzene	8.83	284	105074	40.44	ng		98
70) Atrazine	8.96	200	95678	41.27	ng		98
71) Pentachlorophenol	9.06	266	67498	42.19	ng		96
72) Phenanthrene	9.30	178	574246	40.55	ng		100
73) Anthracene	9.37	178	588277	40.81	ng		99
74) Carbazole	9.56	167	585445	41.30	ng		99
75) Di-n-butylphthalate	9.99	149	659406	41.63	ng		99
76) Fluoranthene	10.72	202	569599	41.61	ng		99
78) Benzidine	10.90	184	262657	41.02	ng		99
79) Pyrene	10.99	202	617537	39.62	ng		99
81) Butylbenzylphthalate	11.81	149	278883	40.34	ng		96
82) Benzo(a)anthracene	12.45	228	507544	40.02	ng		98
83) 3,3'-Dichlorobenzidine	12.43	252	177032	41.48	ng		100
84) Chrysene	12.49	228	507171	39.79	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	395386	40.68	ng		97
86) Di-n-octyl phthalate	13.29	149	668399	40.86	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.34	276	419575m	32.67	ng		
89) Benzo(b)fluoranthene	13.76	252	440696	41.23	ng		99
90) Benzo(k)fluoranthene	13.80	252	491741	44.05	ng		98
91) Benzo(a)pyrene	14.24	252	429219	40.83	ng		99
92) Dibenzo(a,h)anthracene	16.40	278	350088	36.88	ng		98
93) Benzo(g,h,i)perylene	16.96	276	359927	37.19	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	83	0.00
2		1,4-Dioxane	40.000	39.517	1.2	81	0.00
3		Pyridine	40.000	41.858	-4.6	87	0.00
4		n-Nitrosodimethylamine	40.000	41.505	-3.8	85	0.00
5	S	2-Fluorophenol	160.000	163.262	-2.0	84	0.00
6		Aniline	40.000	41.017	-2.5	84	0.00
7	S	Phenol-d5	160.000	161.370	-0.9	83	0.00
8		2-Chlorophenol	40.000	40.935	-2.3	84	0.00
9		Benzaldehyde	40.000	41.517	-3.8	87	0.00
10	C	Phenol	40.000	40.193	-0.5	83	0.00
11		bis(2-Chloroethyl)ether	40.000	40.344	-0.9	83	0.00
12	S	2-Chlorophenol-d4	160.000	163.597	-2.2	85	0.00
13		1,3-Dichlorobenzene	40.000	41.085	-2.7	84	0.00
14	C	1,4-Dichlorobenzene	40.000	40.508	-1.3	83	0.00
15	s	1,2-Dichlorobenzene-d4	160.000	164.771	-3.0	85	0.00
16		1,2-Dichlorobenzene	40.000	41.291	-3.2	85	0.00
17		Benzyl Alcohol	40.000	40.161	-0.4	84	0.00
18		2,2'-oxybis(1-Chloropropane	40.000	40.353	-0.9	84	0.00
19		2-Methylphenol	40.000	40.485	-1.2	83	0.00
20		Hexachloroethane	40.000	40.759	-1.9	83	0.00
21	P	n-Nitroso-di-n-propylamine	40.000	40.666	-1.7	83	0.00
22		3+4-Methylphenols	40.000	41.996	-5.0	84	0.00
23	I	Naphthalene-d8	20.000	20.000	0.0	83	0.00
24		Acetophenone	40.000	41.941	-4.9	84	0.00
25	S	Nitrobenzene-d5	160.000	162.113	-1.3	84	0.00
26		Nitrobenzene	40.000	41.321	-3.3	85	0.00
27		Isophorone	40.000	41.134	-2.8	84	0.00
28	C	2-Nitrophenol	40.000	42.104	-5.3	87	0.00
29		2,4-Dimethylphenol	40.000	41.256	-3.1	83	0.00
30		bis(2-Chloroethoxy)methane	40.000	41.598	-4.0	85	0.00
31	C	2,4-Dichlorophenol	40.000	41.502	-3.8	85	0.00
32		1,2,4-Trichlorobenzene	40.000	41.908	-4.8	85	0.00
33		Naphthalene	40.000	41.475	-3.7	84	0.00
34		Benzoic acid	40.000	43.682	-9.2	97	0.00
35		4-Chloroaniline	40.000	42.170	-5.4	85	0.00
36	C	Hexachlorobutadiene	40.000	42.111	-5.3	85	0.00
37		Caprolactam	40.000	43.038	-7.6	89	0.00
38	C	4-Chloro-3-methylphenol	40.000	41.633	-4.1	86	0.00
39		2-Methylnaphthalene	40.000	42.136	-5.3	85	0.00
40	I	Acenaphthene-d10	20.000	20.000	0.0	86	0.00
41		1,2,4,5-Tetrachlorobenzene	40.000	40.878	-2.2	86	0.00
42	P	Hexachlorocyclopentadiene	40.000	35.827	10.4	74	0.00
43	S	2,4,6-Tribromophenol	160.000	168.880	-5.5	90	0.00
44	C	2,4,6-Trichlorophenol	40.000	41.637	-4.1	87	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	40.000	41.840	-4.6	89	0.00
46	S	2-Fluorobiphenyl	160.000	162.987	-1.9	87	0.00
47		1,1'-Biphenyl	40.000	40.615	-1.5	86	0.00
48		2-Chloronaphthalene	40.000	40.503	-1.3	86	0.00
49		2-Nitroaniline	40.000	41.274	-3.2	88	0.00
50		Acenaphthylene	40.000	41.029	-2.6	87	0.00
51		Dimethylphthalate	40.000	41.945	-4.9	90	0.00
52		2,6-Dinitrotoluene	40.000	42.160	-5.4	91	0.00
53	C	Acenaphthene	40.000	40.861	-2.2	87	0.00
54		3-Nitroaniline	40.000	42.951	-7.4	91	0.00
55	P	2,4-Dinitrophenol	40.000	37.534	6.2	89	0.00
56		Dibenzofuran	40.000	41.594	-4.0	88	0.00
57	P	4-Nitrophenol	40.000	48.049	-20.1	101	0.00
58		2,4-Dinitrotoluene	40.000	43.093	-7.7	93	0.00
59		Fluorene	40.000	41.519	-3.8	87	0.00
60		2,3,4,6-Tetrachlorophenol	40.000	42.491	-6.2	91	0.00
61		Diethylphthalate	40.000	42.402	-6.0	92	0.00
62		4-Chlorophenyl-phenylether	40.000	41.815	-4.5	88	0.00
63		4-Nitroaniline	40.000	45.129	-12.8	98	0.00
64		Azobenzene	40.000	41.145	-2.9	88	0.00
65	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
66		4,6-Dinitro-2-methylphenol	40.000	39.996	0.0	91	0.00
67	c	n-Nitrosodiphenylamine	40.000	39.747	0.6	89	0.00
68		4-Bromophenyl-phenylether	40.000	39.864	0.3	89	0.00
69		Hexachlorobenzene	40.000	40.444	-1.1	91	0.00
70		Atrazine	40.000	41.273	-3.2	93	0.00
71	C	Pentachlorophenol	40.000	42.193	-5.5	94	0.00
72		Phenanthrene	40.000	40.549	-1.4	91	0.00
73		Anthracene	40.000	40.812	-2.0	91	0.00
74		Carbazole	40.000	41.301	-3.3	94	0.00
75		Di-n-butylphthalate	40.000	41.627	-4.1	94	0.00
76	C	Fluoranthene	40.000	41.605	-4.0	95	0.00
77	I	Chrysene-d12	20.000	20.000	0.0	99	0.00
78		Benzidine	40.000	41.017	-2.5	90	0.00
79		Pyrene	40.000	39.616	1.0	95	0.00
80	S	Terphenyl-d14	160.000	157.716	1.4	95	0.00
81		Butylbenzylphthalate	40.000	40.340	-0.9	98	0.00
82		Benzo(a)anthracene	40.000	40.023	-0.1	98	0.00
83		3,3'-Dichlorobenzidine	40.000	41.476	-3.7	98	0.00
84		Chrysene	40.000	39.789	0.5	98	0.00
85		Bis(2-ethylhexyl)phthalate	40.000	40.679	-1.7	98	0.00
86	c	Di-n-octyl phthalate	40.000	40.857	-2.1	100	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	32.673	18.3	82	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030368.D
Acq On : 7 Aug 2009 9:08
Operator : HNP
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 09:30:07 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

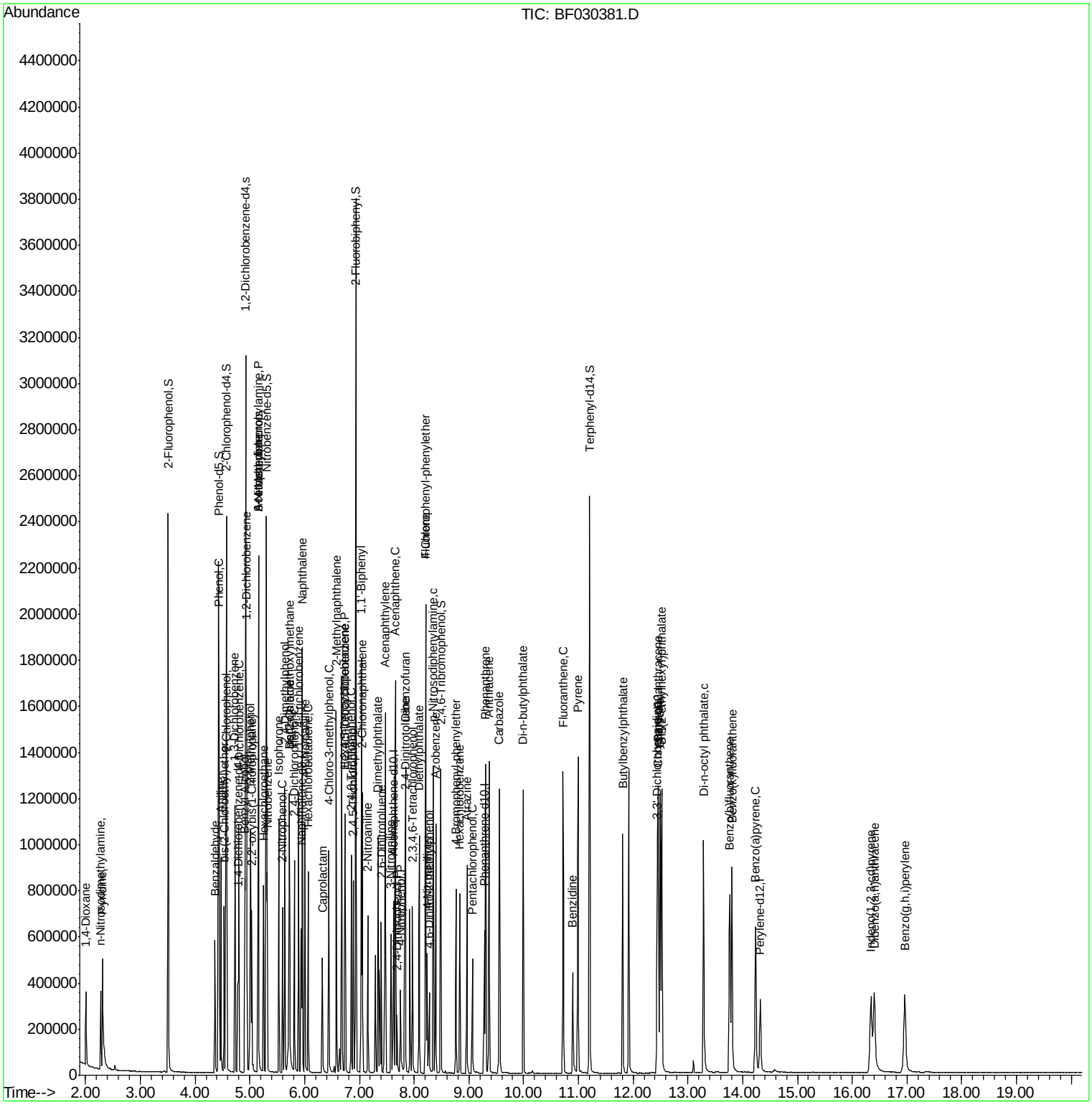
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	I	Perylene-d12	20.000	20.000	0.0	91	0.00
89		Benzo(b)fluoranthene	40.000	41.228	-3.1	92	0.00
90		Benzo(k)fluoranthene	40.000	44.052	-10.1	99	0.00
91	C	Benzo(a)pyrene	40.000	40.827	-2.1	91	0.00
92		Dibenzo(a,h)anthracene	40.000	36.882	7.8	82	0.00
93		Benzo(g,h,i)perylene	40.000	37.190	7.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

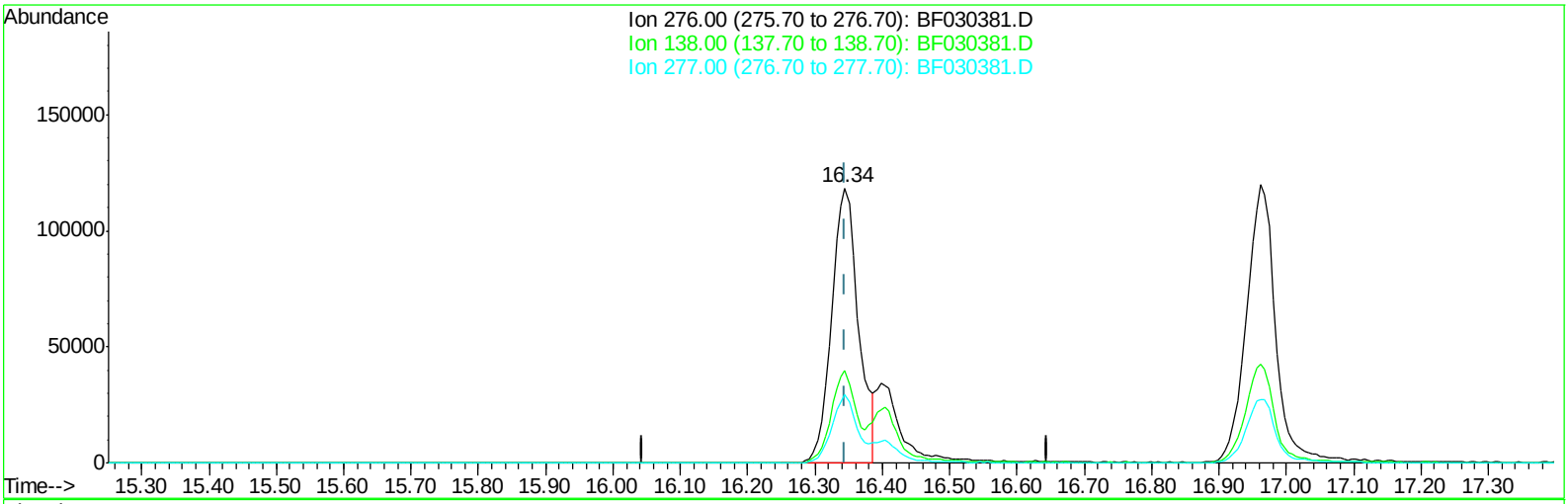
Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

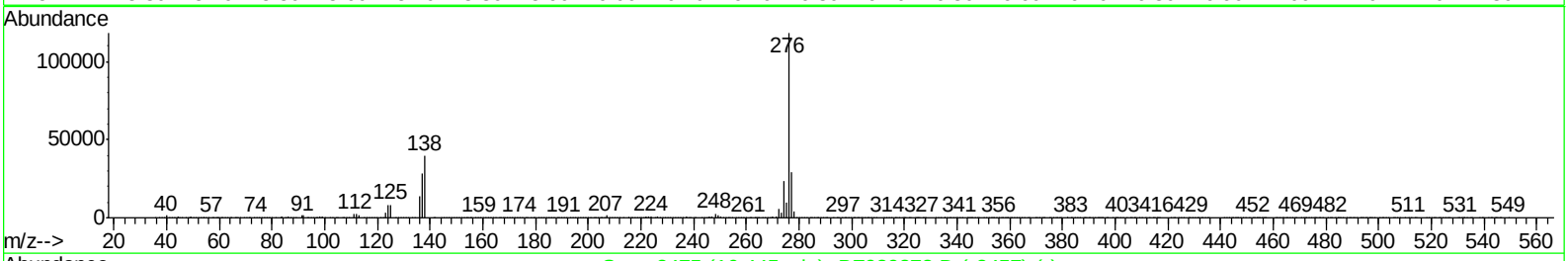


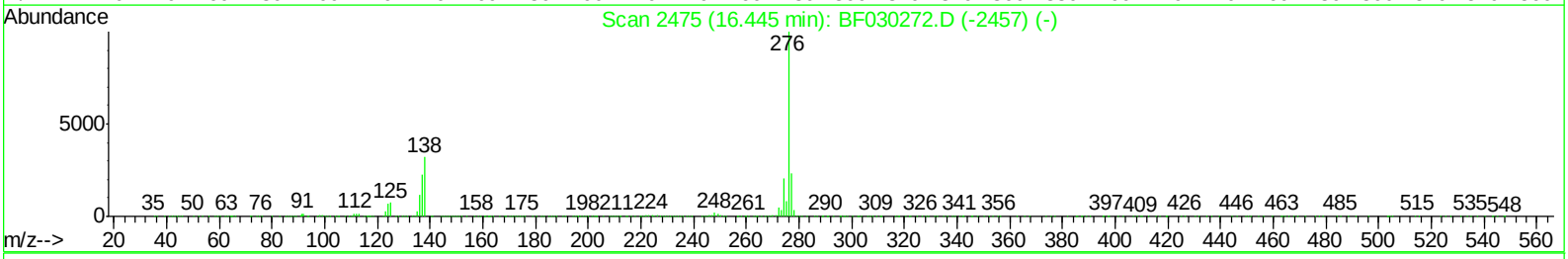
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:06:57 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030381.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.000) 25.65ng

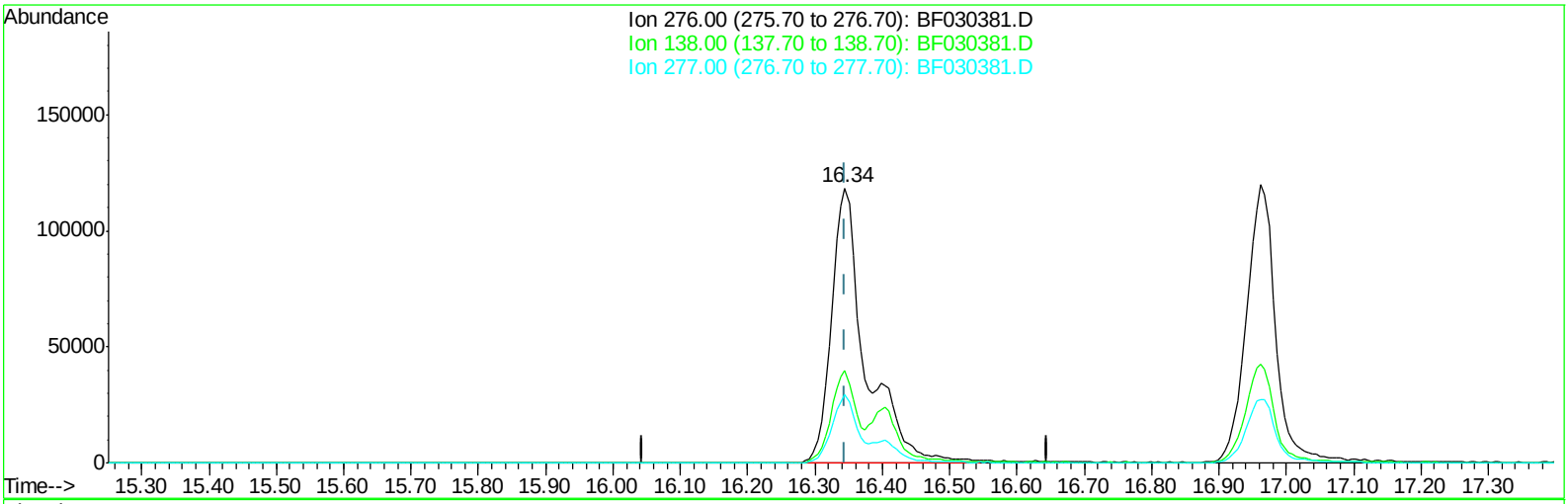
response 326954

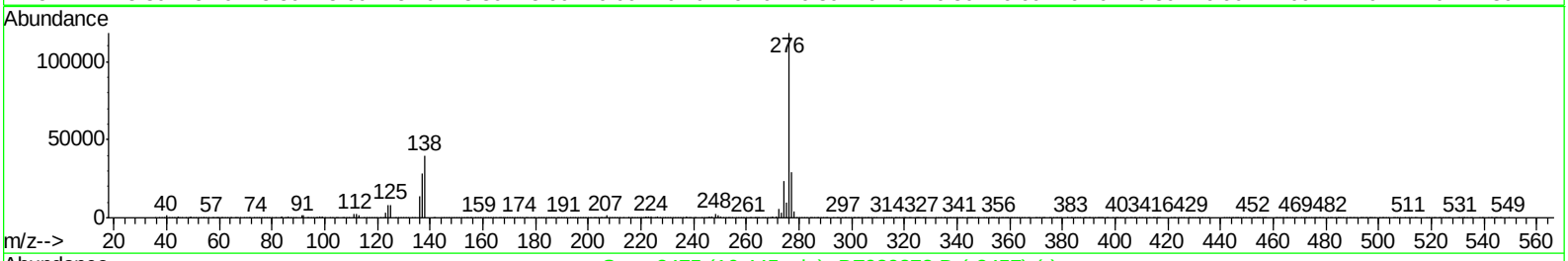
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.21
277.00	19.30	23.04
0.00	0.00	0.00

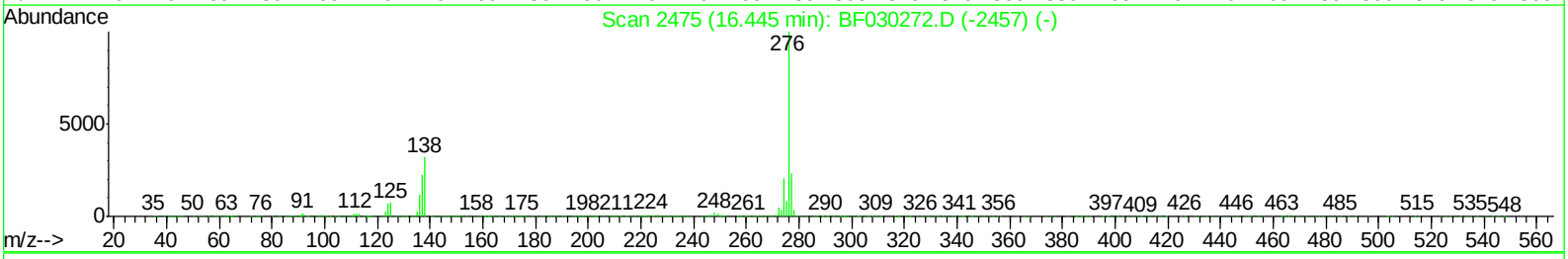
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:06:57 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030381.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.000) 32.71ng m

response 416908

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	24.48
277.00	19.30	18.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	87402	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	322466	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	165591	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	270420	20.00	ng		0.00
77) Chrysene-d12	12.46	240	228485	20.00	ng		0.00
88) Perylene-d12	14.32	264	178750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	778981	159.11	ng		0.00
7) Phenol-d5	4.43	99	964204	158.43	ng		0.00
12) 2-Chlorophenol-d4	4.57	132	740333	161.27	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	487473	162.61	ng		0.00
25) Nitrobenzene-d5	5.30	82	723613	159.27	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	167522	162.44	ng		0.00
46) 2-Fluorobiphenyl	6.94	172	1291254	155.70	ng		0.00
80) Terphenyl-d14	11.20	244	1120678	161.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	96631	38.85	ng	#	82
3) Pyridine	2.30	79	266604	42.20	ng	#	83
4) n-Nitrosodimethylamine	2.28	42	79681	41.80	ng	#	67
6) Aniline	4.47	93	355259	41.24	ng		99
8) 2-Chlorophenol	4.58	128	238741	40.39	ng		96
9) Benzaldehyde	4.36	77	105436	42.68	ng		95
10) Phenol	4.44	94	275795	39.86	ng		85
11) bis(2-Chloroethyl)ether	4.53	93	229269	40.31	ng		90
13) 1,3-Dichlorobenzene	4.73	146	263455	40.62	ng		98
14) 1,4-Dichlorobenzene	4.80	146	268480	40.53	ng		97
16) 1,2-Dichlorobenzene	4.94	146	238348	40.45	ng		99
17) Benzyl Alcohol	4.91	79	156032	40.40	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.03	45	328452	41.36	ng		94
19) 2-Methylphenol	5.01	107	184408	41.41	ng		97
20) Hexachloroethane	5.25	117	89185	40.82	ng	#	88
21) n-Nitroso-di-n-propylamine	5.16	70	129446	40.70	ng		95
22) 3+4-Methylphenols	5.15	107	215237	41.85	ng	#	68
24) Acetophenone	5.15	105	268918	41.19	ng	#	94
26) Nitrobenzene	5.32	77	204327	40.78	ng		99
27) Isophorone	5.53	82	403654	40.63	ng		99
28) 2-Nitrophenol	5.60	139	131453	41.32	ng		98
29) 2,4-Dimethylphenol	5.63	122	200034	40.97	ng		98
30) bis(2-Chloroethoxy)methane	5.72	93	255543	40.64	ng		99
31) 2,4-Dichlorophenol	5.81	162	187585	41.34	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	191668	40.73	ng		100
33) Naphthalene	5.96	128	671331	40.63	ng		99
34) Benzoic acid	5.73	122	146459	43.57	ng		96
35) 4-Chloroaniline	6.00	127	275684	41.70	ng		99
36) Hexachlorobutadiene	6.07	225	91544	41.16	ng		98
37) Caprolactam	6.32	113	73137	42.34	ng	#	83
38) 4-Chloro-3-methylphenol	6.44	107	175345	42.06	ng		98
39) 2-Methylnaphthalene	6.58	142	422984	41.72	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	165380	40.17	ng		98
42) Hexachlorocyclopentadiene	6.73	237	81042	34.96	ng		100
44) 2,4,6-Trichlorophenol	6.85	196	118029	40.51	ng		98
45) 2,4,5-Trichlorophenol	6.89	196	122699	40.30	ng		96
47) 1,1'-Biphenyl	7.03	154	521992	40.13	ng		98
48) 2-Chloronaphthalene	7.06	162	390992	39.93	ng		98
49) 2-Nitroaniline	7.16	65	99495	41.13	ng		86
50) Acenaphthylene	7.47	152	653684	40.38	ng		99
51) Dimethylphthalate	7.34	163	426787	41.61	ng		99
52) 2,6-Dinitrotoluene	7.40	165	105900	41.33	ng	#	88
53) Acenaphthene	7.66	154	379889	40.04	ng		98
54) 3-Nitroaniline	7.57	138	120095	42.19	ng		97
55) 2,4-Dinitrophenol	7.69	184	45400	35.82	ng		93
56) Dibenzofuran	7.84	168	547449	40.94	ng		99
57) 4-Nitrophenol	7.75	139	95075	46.29	ng		91
58) 2,4-Dinitrotoluene	7.83	165	132591	42.27	ng	#	85
59) Fluorene	8.21	166	407970	40.75	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	101407	42.70	ng	#	91
61) Diethylphthalate	8.09	149	405031	41.94	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	173812	41.42	ng		97
63) 4-Nitroaniline	8.24	138	123974	43.45	ng		97
64) Azobenzene	8.39	77	389395	40.83	ng		97
66) 4,6-Dinitro-2-methylphenol	8.27	198	63964	38.89	ng		89
67) n-Nitrosodiphenylamine	8.35	169	373810	40.00	ng		98
68) 4-Bromophenyl-phenylether	8.76	248	105091	40.24	ng		94
69) Hexachlorobenzene	8.83	284	111094	40.79	ng		98
70) Atrazine	8.96	200	99911	41.11	ng		97
71) Pentachlorophenol	9.06	266	69803	41.62	ng		98
72) Phenanthrene	9.30	178	598019	40.28	ng		99
73) Anthracene	9.37	178	609842	40.35	ng		99
74) Carbazole	9.56	167	600219	40.39	ng		99
75) Di-n-butylphthalate	9.99	149	688200	41.44	ng		98
76) Fluoranthene	10.72	202	580282	40.43	ng		98
78) Benzidine	10.90	184	218231	34.34	ng		100
79) Pyrene	10.99	202	626992	40.53	ng		99
81) Butylbenzylphthalate	11.81	149	283418	41.31	ng		96
82) Benzo(a)anthracene	12.45	228	505793	40.19	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	172024	40.61	ng		98
84) Chrysene	12.49	228	510961	40.39	ng		97
85) Bis(2-ethylhexyl)phthalate	12.52	149	394516	40.90	ng		99
86) Di-n-octyl phthalate	13.29	149	666278	41.04	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.34	276	416908m	32.71	ng		
89) Benzo(b)fluoranthene	13.76	252	431626	41.91	ng		99
90) Benzo(k)fluoranthene	13.80	252	497040	46.21	ng		98
91) Benzo(a)pyrene	14.24	252	421140	41.57	ng		99
92) Dibenzo(a,h)anthracene	16.40	278	348594	38.11	ng		98
93) Benzo(g,h,i)perylene	16.96	276	358142	38.41	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
2		1,4-Dioxane	0.569	0.553	2.8	83	0.00
3		Pyridine	1.446	1.525	-5.5	92	0.00
4		n-Nitrosodimethylamine	0.436	0.456	-4.6	90	0.00
5	S	2-Fluorophenol	1.120	1.114	0.5	86	0.00
6		Aniline	1.971	2.032	-3.1	89	0.00
7	S	Phenol-d5	1.393	1.379	1.0	85	0.00
8		2-Chlorophenol	1.353	1.366	-1.0	87	0.00
9		Benzaldehyde	0.565	0.603	-6.7	94	0.00
10	C	Phenol	1.583	1.578	0.3	86	0.00
11		bis(2-Chloroethyl)ether	1.301	1.312	-0.8	86	0.00
12	S	2-Chlorophenol-d4	1.050	1.059	-0.9	88	0.00
13		1,3-Dichlorobenzene	1.484	1.507	-1.5	87	0.00
14	C	1,4-Dichlorobenzene	1.516	1.536	-1.3	87	0.00
15	s	1,2-Dichlorobenzene-d4	0.686	0.697	-1.6	87	0.00
16		1,2-Dichlorobenzene	1.348	1.364	-1.2	87	0.00
17		Benzyl Alcohol	0.884	0.893	-1.0	88	0.00
18		2,2'-oxybis(1-Chloropropane	1.817	1.879	-3.4	90	0.00
19		2-Methylphenol	1.019	1.055	-3.5	89	0.00
20		Hexachloroethane	0.500	0.510	-2.0	87	0.00
21	P	n-Nitroso-di-n-propylamine	0.728	0.741	-1.8	87	0.00
22		3+4-Methylphenols	1.177	1.231	-4.6	88	0.00
23	I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
24		Acetophenone	0.405	0.417	-3.0	89	0.00
25	S	Nitrobenzene-d5	0.282	0.280	0.7	88	0.00
26		Nitrobenzene	0.311	0.317	-1.9	90	0.00
27		Isophorone	0.616	0.626	-1.6	89	0.00
28	C	2-Nitrophenol	0.197	0.204	-3.6	91	0.00
29		2,4-Dimethylphenol	0.303	0.310	-2.3	89	0.00
30		bis(2-Chloroethoxy)methane	0.390	0.396	-1.5	89	0.00
31	C	2,4-Dichlorophenol	0.281	0.291	-3.6	90	0.00
32		1,2,4-Trichlorobenzene	0.292	0.297	-1.7	89	0.00
33		Naphthalene	1.025	1.041	-1.6	88	0.00
34		Benzoic acid	0.193	0.227	-17.6	103	0.00
35		4-Chloroaniline	0.410	0.427	-4.1	90	0.00
36	C	Hexachlorobutadiene	0.138	0.142	-2.9	89	0.00
37		Caprolactam	0.107	0.113	-5.6	94	0.00
38	C	4-Chloro-3-methylphenol	0.259	0.272	-5.0	93	0.00
39		2-Methylnaphthalene	0.629	0.656	-4.3	90	0.00
40	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00
41		1,2,4,5-Tetrachlorobenzene	0.497	0.499	-0.4	91	0.00
42	P	Hexachlorocyclopentadiene	0.280	0.245	12.5	77	0.00
43	S	2,4,6-Tribromophenol	0.125	0.126	-0.8	94	0.00
44	C	2,4,6-Trichlorophenol	0.352	0.356	-1.1	91	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	0.368	0.370	-0.5	92	0.00
46	S	2-Fluorobiphenyl	1.002	0.975	2.7	89	0.00
47		1,1'-Biphenyl	1.571	1.576	-0.3	91	0.00
48		2-Chloronaphthalene	1.183	1.181	0.2	91	0.00
49		2-Nitroaniline	0.292	0.300	-2.7	94	0.00
50		Acenaphthylene	1.955	1.974	-1.0	92	0.00
51		Dimethylphthalate	1.239	1.289	-4.0	96	0.00
52		2,6-Dinitrotoluene	0.309	0.320	-3.6	95	0.00
53	C	Acenaphthene	1.146	1.147	-0.1	92	0.00
54		3-Nitroaniline	0.344	0.363	-5.5	96	0.00
55	P	2,4-Dinitrophenol	0.146	0.137	6.2	90	0.00
56		Dibenzofuran	1.615	1.653	-2.4	93	0.00
57	P	4-Nitrophenol	0.248	0.287	-15.7	105	0.00
58		2,4-Dinitrotoluene	0.379	0.400	-5.5	98	0.00
59		Fluorene	1.209	1.232	-1.9	92	0.00
60		2,3,4,6-Tetrachlorophenol	0.287	0.306	-6.6	99	0.00
61		Diethylphthalate	1.166	1.223	-4.9	98	0.00
62		4-Chlorophenyl-phenylether	0.507	0.525	-3.6	93	0.00
63		4-Nitroaniline	0.345	0.374	-8.4	101	0.00
64		Azobenzene	1.152	1.176	-2.1	94	0.00
65	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
66		4,6-Dinitro-2-methylphenol	0.122	0.118	3.3	93	0.00
67	c	n-Nitrosodiphenylamine	0.691	0.691	0.0	94	0.00
68		4-Bromophenyl-phenylether	0.193	0.194	-0.5	94	0.00
69		Hexachlorobenzene	0.201	0.205	-2.0	96	0.00
70		Atrazine	0.180	0.185	-2.8	97	0.00
71	C	Pentachlorophenol	0.124	0.129	-4.0	97	0.00
72		Phenanthrene	1.098	1.106	-0.7	95	0.00
73		Anthracene	1.118	1.128	-0.9	95	0.00
74		Carbazole	1.099	1.110	-1.0	96	0.00
75		Di-n-butylphthalate	1.228	1.272	-3.6	98	0.00
76	C	Fluoranthene	1.062	1.073	-1.0	96	0.00
77	I	Chrysene-d12	1.000	1.000	0.0	98	0.00
78		Benzidine	0.556	0.478	14.0	74	0.00
79		Pyrene	1.354	1.372	-1.3	97	0.00
80	S	Terphenyl-d14	0.608	0.613	-0.8	96	0.00
81		Butylbenzylphthalate	0.601	0.620	-3.2	100	0.00
82		Benzo(a)anthracene	1.102	1.107	-0.5	97	0.00
83		3,3'-Dichlorobenzidine	0.371	0.376	-1.3	96	0.00
84		Chrysene	1.107	1.118	-1.0	98	0.00
85		Bis(2-ethylhexyl)phthalate	0.844	0.863	-2.3	98	0.00
86	c	Di-n-octyl phthalate	1.421	1.458	-2.6	100	0.00
87		Indeno(1,2,3-cd)pyrene	1.116	0.912	18.3	82	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	I	Perylene-d12	1.000	1.000	0.0	88	0.00
89		Benzo(b)fluoranthene	1.152	1.207	-4.8	90	0.00
90		Benzo(k)fluoranthene	1.203	1.390	-15.5	100	0.00
91	C	Benzo(a)pyrene	1.133	1.178	-4.0	89	0.00
92		Dibenzo(a,h)anthracene	1.023	0.975	4.7	82	0.00
93		Benzo(g,h,i)perylene	1.043	1.002	3.9	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	87	0.00
2		1,4-Dioxane	40.000	38.854	2.9	83	0.00
3		Pyridine	40.000	42.197	-5.5	92	0.00
4		n-Nitrosodimethylamine	40.000	41.799	-4.5	90	0.00
5	S	2-Fluorophenol	160.000	159.113	0.6	86	0.00
6		Aniline	40.000	41.238	-3.1	89	0.00
7	S	Phenol-d5	160.000	158.425	1.0	85	0.00
8		2-Chlorophenol	40.000	40.389	-1.0	87	0.00
9		Benzaldehyde	40.000	42.675	-6.7	94	0.00
10	C	Phenol	40.000	39.864	0.3	86	0.00
11		bis(2-Chloroethyl)ether	40.000	40.314	-0.8	86	0.00
12	S	2-Chlorophenol-d4	160.000	161.268	-0.8	88	0.00
13		1,3-Dichlorobenzene	40.000	40.625	-1.6	87	0.00
14	C	1,4-Dichlorobenzene	40.000	40.530	-1.3	87	0.00
15	s	1,2-Dichlorobenzene-d4	160.000	162.607	-1.6	87	0.00
16		1,2-Dichlorobenzene	40.000	40.452	-1.1	87	0.00
17		Benzyl Alcohol	40.000	40.397	-1.0	88	0.00
18		2,2'-oxybis(1-Chloropropane	40.000	41.364	-3.4	90	0.00
19		2-Methylphenol	40.000	41.411	-3.5	89	0.00
20		Hexachloroethane	40.000	40.816	-2.0	87	0.00
21	P	n-Nitroso-di-n-propylamine	40.000	40.700	-1.8	87	0.00
22		3+4-Methylphenols	40.000	41.847	-4.6	88	0.00
23	I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
24		Acetophenone	40.000	41.186	-3.0	89	0.00
25	S	Nitrobenzene-d5	160.000	159.272	0.5	88	0.00
26		Nitrobenzene	40.000	40.776	-1.9	90	0.00
27		Isophorone	40.000	40.630	-1.6	89	0.00
28	C	2-Nitrophenol	40.000	41.321	-3.3	91	0.00
29		2,4-Dimethylphenol	40.000	40.967	-2.4	89	0.00
30		bis(2-Chloroethoxy)methane	40.000	40.643	-1.6	89	0.00
31	C	2,4-Dichlorophenol	40.000	41.339	-3.3	90	0.00
32		1,2,4-Trichlorobenzene	40.000	40.729	-1.8	89	0.00
33		Naphthalene	40.000	40.627	-1.6	88	0.00
34		Benzoic acid	40.000	43.569	-8.9	103	0.00
35		4-Chloroaniline	40.000	41.697	-4.2	90	0.00
36	C	Hexachlorobutadiene	40.000	41.158	-2.9	89	0.00
37		Caprolactam	40.000	42.339	-5.8	94	0.00
38	C	4-Chloro-3-methylphenol	40.000	42.065	-5.2	93	0.00
39		2-Methylnaphthalene	40.000	41.722	-4.3	90	0.00
40	I	Acenaphthene-d10	20.000	20.000	0.0	92	0.00
41		1,2,4,5-Tetrachlorobenzene	40.000	40.174	-0.4	91	0.00
42	P	Hexachlorocyclopentadiene	40.000	34.957	12.6	77	0.00
43	S	2,4,6-Tribromophenol	160.000	162.437	-1.5	94	0.00
44	C	2,4,6-Trichlorophenol	40.000	40.513	-1.3	91	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		2,4,5-Trichlorophenol	40.000	40.301	-0.8	92	0.00
46	S	2-Fluorobiphenyl	160.000	155.699	2.7	89	0.00
47		1,1'-Biphenyl	40.000	40.128	-0.3	91	0.00
48		2-Chloronaphthalene	40.000	39.927	0.2	91	0.00
49		2-Nitroaniline	40.000	41.130	-2.8	94	0.00
50		Acenaphthylene	40.000	40.383	-1.0	92	0.00
51		Dimethylphthalate	40.000	41.613	-4.0	96	0.00
52		2,6-Dinitrotoluene	40.000	41.331	-3.3	95	0.00
53	C	Acenaphthene	40.000	40.045	-0.1	92	0.00
54		3-Nitroaniline	40.000	42.192	-5.5	96	0.00
55	P	2,4-Dinitrophenol	40.000	35.817	10.5	90	0.00
56		Dibenzofuran	40.000	40.944	-2.4	93	0.00
57	P	4-Nitrophenol	40.000	46.287	-15.7	105	0.00
58		2,4-Dinitrotoluene	40.000	42.274	-5.7	98	0.00
59		Fluorene	40.000	40.748	-1.9	92	0.00
60		2,3,4,6-Tetrachlorophenol	40.000	42.701	-6.8	99	0.00
61		Diethylphthalate	40.000	41.939	-4.8	98	0.00
62		4-Chlorophenyl-phenylether	40.000	41.423	-3.6	93	0.00
63		4-Nitroaniline	40.000	43.447	-8.6	101	0.00
64		Azobenzene	40.000	40.829	-2.1	94	0.00
65	I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
66		4,6-Dinitro-2-methylphenol	40.000	38.889	2.8	93	0.00
67	c	n-Nitrosodiphenylamine	40.000	40.002	-0.0	94	0.00
68		4-Bromophenyl-phenylether	40.000	40.236	-0.6	94	0.00
69		Hexachlorobenzene	40.000	40.787	-2.0	96	0.00
70		Atrazine	40.000	41.109	-2.8	97	0.00
71	C	Pentachlorophenol	40.000	41.619	-4.0	97	0.00
72		Phenanthrene	40.000	40.278	-0.7	95	0.00
73		Anthracene	40.000	40.355	-0.9	95	0.00
74		Carbazole	40.000	40.388	-1.0	96	0.00
75		Di-n-butylphthalate	40.000	41.439	-3.6	98	0.00
76	C	Fluoranthene	40.000	40.429	-1.1	96	0.00
77	I	Chrysene-d12	20.000	20.000	0.0	98	0.00
78		Benzidine	40.000	34.339	14.2	74	0.00
79		Pyrene	40.000	40.529	-1.3	97	0.00
80	S	Terphenyl-d14	160.000	161.426	-0.9	96	0.00
81		Butylbenzylphthalate	40.000	41.309	-3.3	100	0.00
82		Benzo(a)anthracene	40.000	40.189	-0.5	97	0.00
83		3,3'-Dichlorobenzidine	40.000	40.610	-1.5	96	0.00
84		Chrysene	40.000	40.392	-1.0	98	0.00
85		Bis(2-ethylhexyl)phthalate	40.000	40.899	-2.2	98	0.00
86	c	Di-n-octyl phthalate	40.000	41.038	-2.6	100	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	32.713	18.2	82	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030381.D
Acq On : 7 Aug 2009 15:05
Operator : QM
Sample : 40 ng BNA CCC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:08:30 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	I	Perylene-d12	20.000	20.000	0.0	88	0.00
89		Benzo(b)fluoranthene	40.000	41.907	-4.8	90	0.00
90		Benzo(k)fluoranthene	40.000	46.210	-15.5	100	0.00
91	C	Benzo(a)pyrene	40.000	41.574	-3.9	89	0.00
92		Dibenzo(a,h)anthracene	40.000	38.114	4.7	82	0.00
93		Benzo(g,h,i)perylene	40.000	38.405	4.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

CHEMTECH

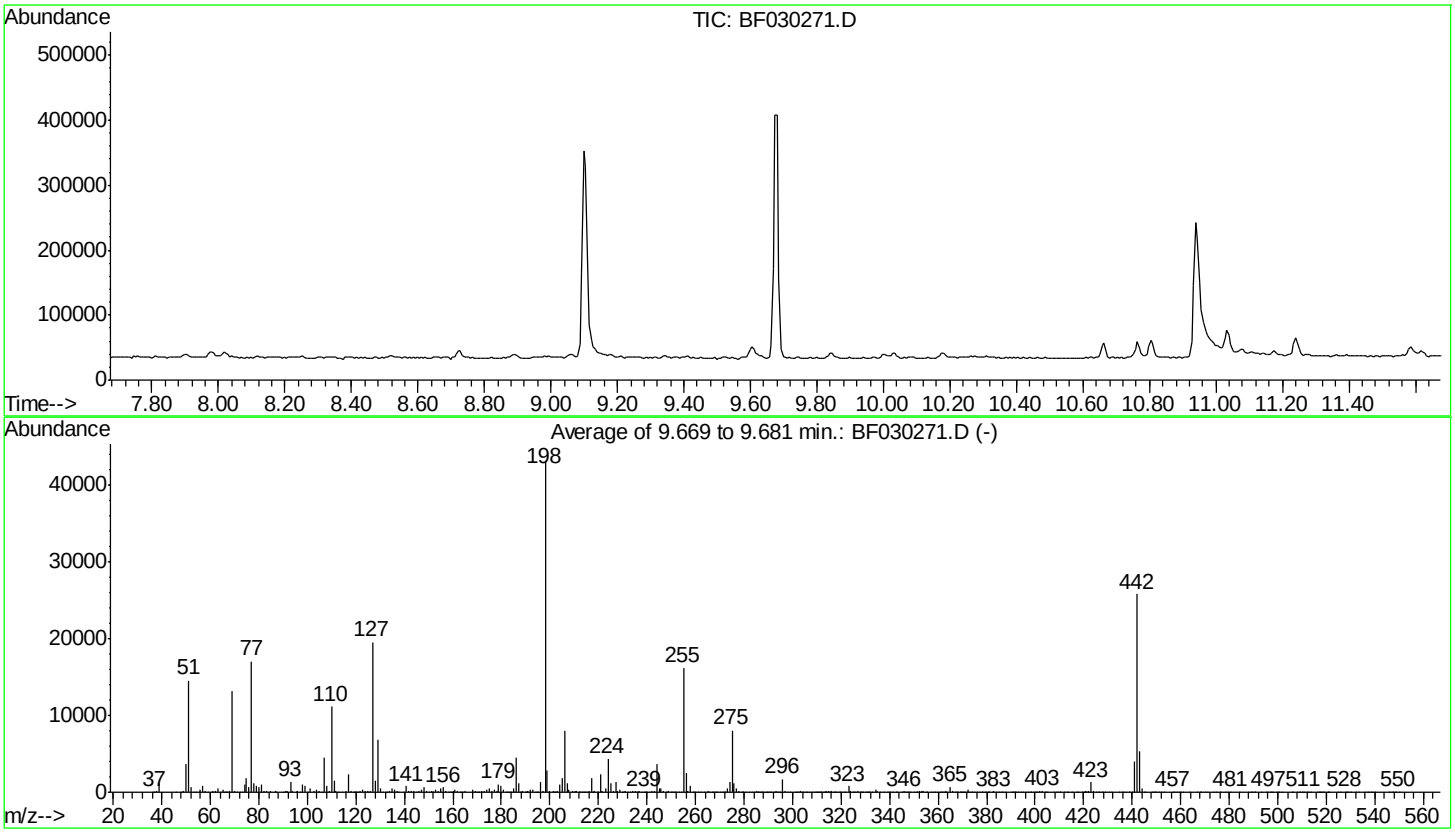
SEMI-VOLATILE RAW QC DATA

DFTPP

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080409\
Data File : BF030271.D
Acq On : 4 Aug 2009 13:33
Operator : QM
Sample : 25 ng DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 04 15:02:24 2009



AutoFind: Scans 1323, 1324, 1325; Background Corrected with Scan 1315

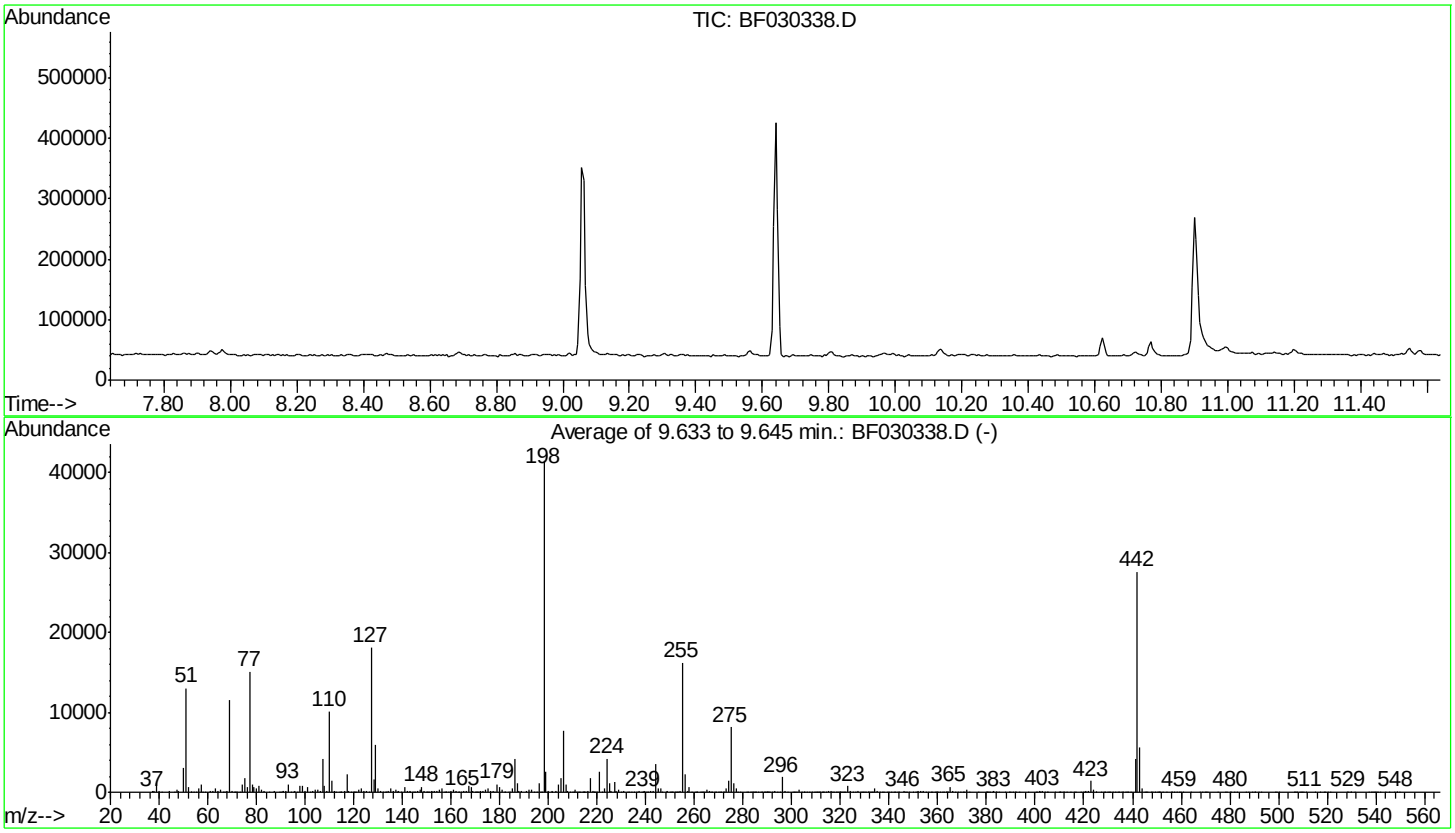
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.6	14529	PASS
68	69	0.00	2	1.0	138	PASS
69	198	0.00	100	30.7	13265	PASS
70	69	0.00	2	0.8	111	PASS
127	198	40	60	45.2	19537	PASS
197	198	0.00	1	0.3	142	PASS
198	198	100	100	100.0	43245	PASS
199	198	5	9	6.4	2787	PASS
275	198	10	30	18.7	8076	PASS
365	198	1	100	1.6	691	PASS
441	443	0.01	100	77.2	4074	PASS
442	198	40	100	59.8	25863	PASS
443	442	17	23	20.4	5278	PASS

DFTPP

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030338.D
Acq On : 6 Aug 2009 14:23
Operator : QM
Sample : 25 ng DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 04 16:55:01 2009



AutoFind: Scans 1317, 1318, 1319; Background Corrected with Scan 1308

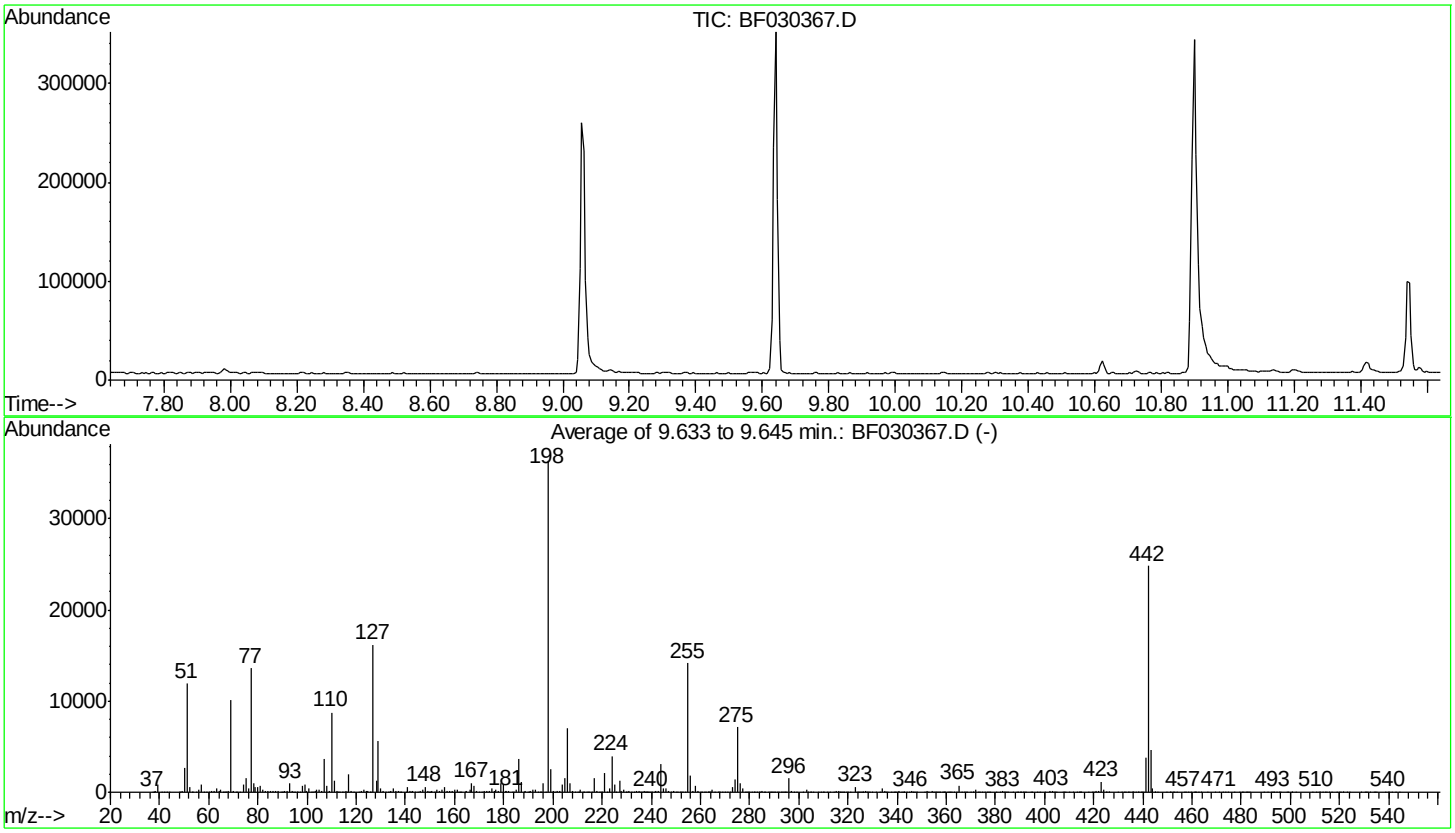
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	31.4	13023	PASS
68	69	0.00	2	1.8	203	PASS
69	198	0.00	100	27.9	11570	PASS
70	69	0.00	2	1.2	139	PASS
127	198	40	60	43.5	18020	PASS
197	198	0.00	1	0.1	39	PASS
198	198	100	100	100.0	41467	PASS
199	198	5	9	6.2	2576	PASS
275	198	10	30	19.6	8146	PASS
365	198	1	100	1.6	670	PASS
441	443	0.01	100	75.7	4213	PASS
442	198	40	100	66.5	27565	PASS
443	442	17	23	20.2	5567	PASS

DFTPP

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030367.D
Acq On : 7 Aug 2009 8:41
Operator : HNP
Sample : 25 ng DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 06 16:58:15 2009



AutoFind: Scans 1317, 1318, 1319; Background Corrected with Scan 1311

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	32.7	11882	PASS
68	69	0.00	2	1.7	171	PASS
69	198	0.00	100	27.9	10171	PASS
70	69	0.00	2	0.9	94	PASS
127	198	40	60	44.5	16183	PASS
197	198	0.00	1	0.0	18	PASS
198	198	100	100	100.0	36392	PASS
199	198	5	9	6.8	2482	PASS
275	198	10	30	19.5	7106	PASS
365	198	1	100	2.0	717	PASS
441	443	0.01	100	80.0	3729	PASS
442	198	40	100	68.2	24834	PASS
443	442	17	23	18.8	4664	PASS

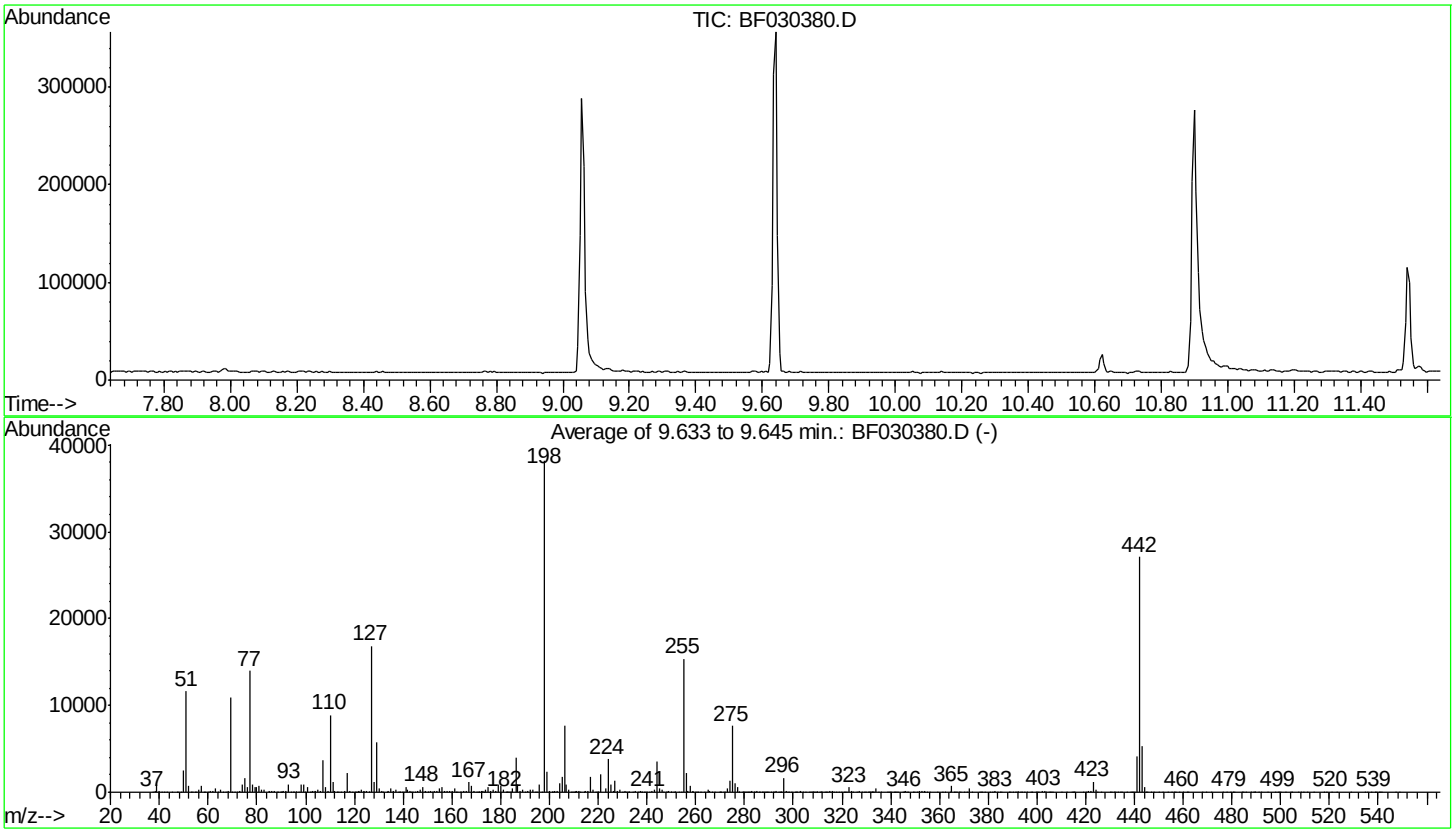
442

DFTPP

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080709\
Data File : BF030380.D
Acq On : 7 Aug 2009 14:38
Operator : QM
Sample : 25 ng DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 06 16:58:15 2009



AutoFind: Scans 1317, 1318, 1319; Background Corrected with Scan 1311

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.5	11641	PASS
68	69	0.00	2	1.1	115	PASS
69	198	0.00	100	28.4	10845	PASS
70	69	0.00	2	0.4	40	PASS
127	198	40	60	44.2	16870	PASS
197	198	0.00	1	0.2	66	PASS
198	198	100	100	100.0	38192	PASS
199	198	5	9	6.1	2323	PASS
275	198	10	30	19.9	7612	PASS
365	198	1	100	1.8	683	PASS
441	443	0.01	100	76.6	4119	PASS
442	198	40	100	70.9	27085	PASS
443	442	17	23	19.8	5376	PASS

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/L

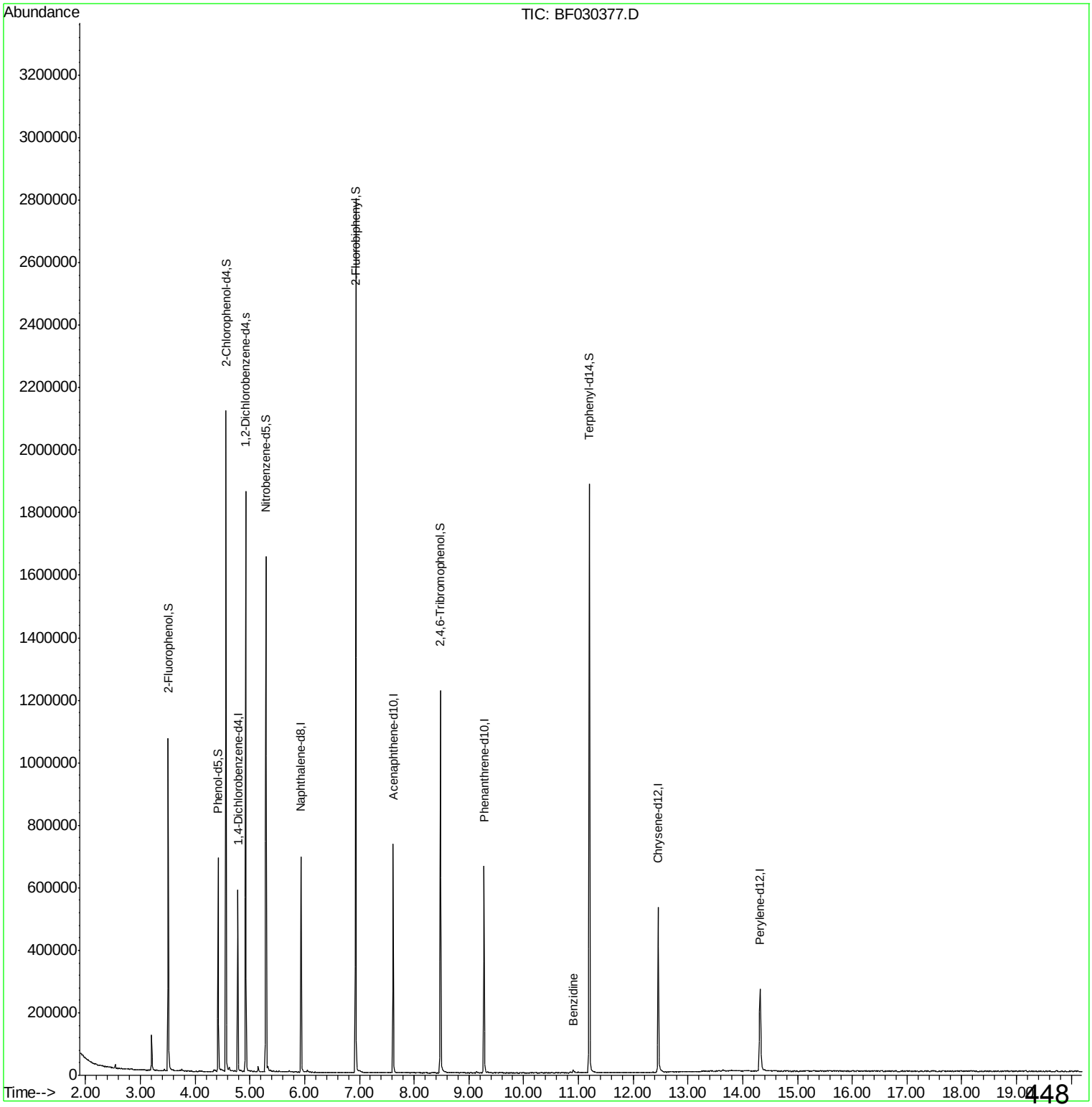
Number TICS found: 1

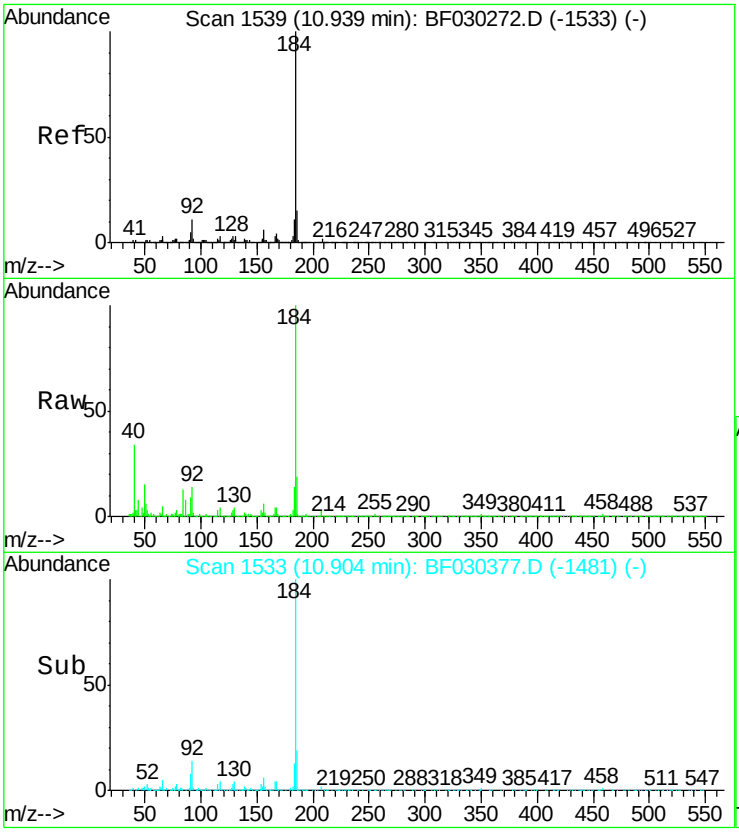
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	4.8	A

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 07 14:39:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

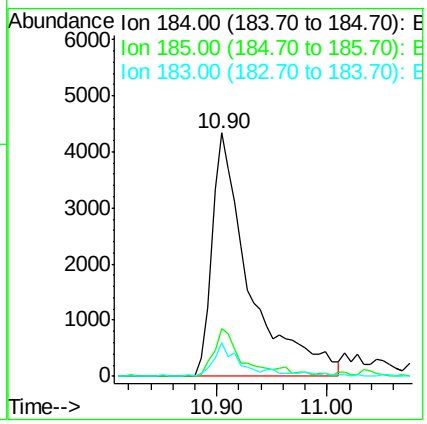




#78
Benzidine
Concen: 1.67 ng
RT: 10.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF030377.D
Acq: 7 Aug 2009 13:15

Tgt Ion:184 Resp: 10191

Ion	Ratio	Lower	Upper
184	100		
185	19.4	11.9	17.9#
183	13.6	8.0	12.0#



Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 07 14:39:03 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	88361	20.00	ng	0.00
23) Naphthalene-d8	5.94	136	320192	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	160689	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	268860	20.00	ng	0.00
77) Chrysene-d12	12.46	240	219512	20.00	ng	0.00
88) Perylene-d12	14.32	264	164576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	354037	71.53	ng	0.00
7) Phenol-d5	4.42	99	285448	46.39	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	555362	119.66	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	306514	101.13	ng	0.00
25) Nitrobenzene-d5	5.29	82	446826	99.05	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	152637	152.52	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	863003	107.24	ng	0.00
80) Terphenyl-d14	11.20	244	761658	114.20	ng	0.00
Target Compounds						Qvalue
78) Benzidine	10.90	184	10191	1.67	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.204	221	224	234	rVB	112815	107726	4.78%	0.706%
2	3.510	272	276	288	rBV	1065609	1003704	44.58%	6.581%
3	4.422	427	431	438	rBV	683057	620407	27.55%	4.068%
4	4.563	451	455	458	rBV	2114223	1701070	75.55%	11.153%
5	4.781	488	492	499	rBV	582592	453353	20.14%	2.973%
6	4.922	513	516	520	rBV	1855584	1586741	70.47%	10.404%
7	5.293	576	579	582	rBV	1645673	1263330	56.11%	8.283%
8	5.934	685	688	698	rVB	688722	586321	26.04%	3.844%
9	6.934	854	858	861	rBV	2796884	2251561	100.00%	14.763%
10	7.616	971	974	978	rBV	729982	635921	28.24%	4.170%
11	8.481	1116	1121	1135	rBV	1222481	1216788	54.04%	7.978%
12	9.275	1252	1256	1265	rBV	661180	621935	27.62%	4.078%
13	11.198	1578	1583	1587	rBV	1883968	2176092	96.65%	14.268%
14	12.457	1792	1797	1813	rBV	526881	573578	25.47%	3.761%
15	14.315	2106	2113	2126	rBV	262477	453010	20.12%	2.970%

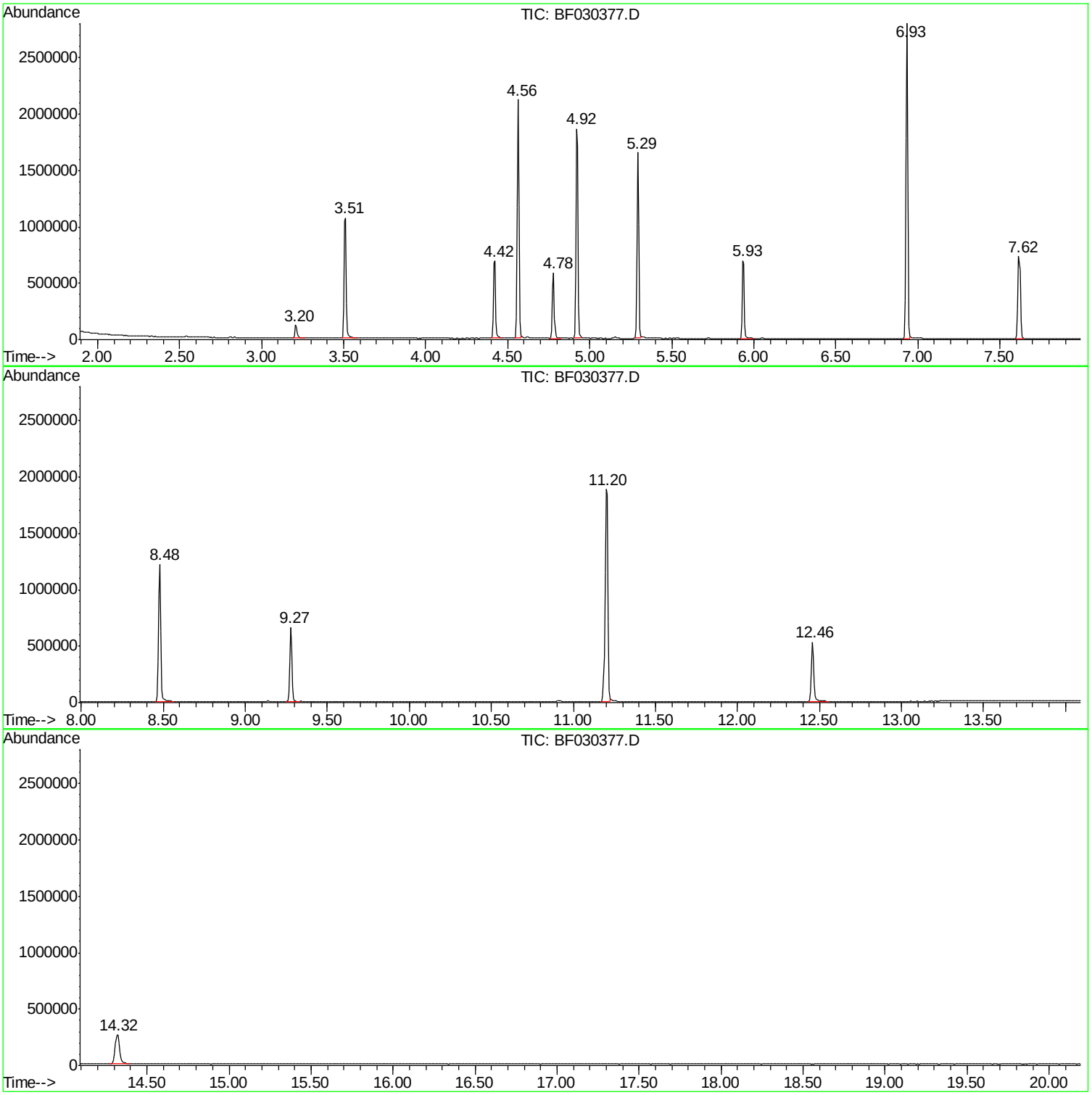
Sum of corrected areas: 15251537

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

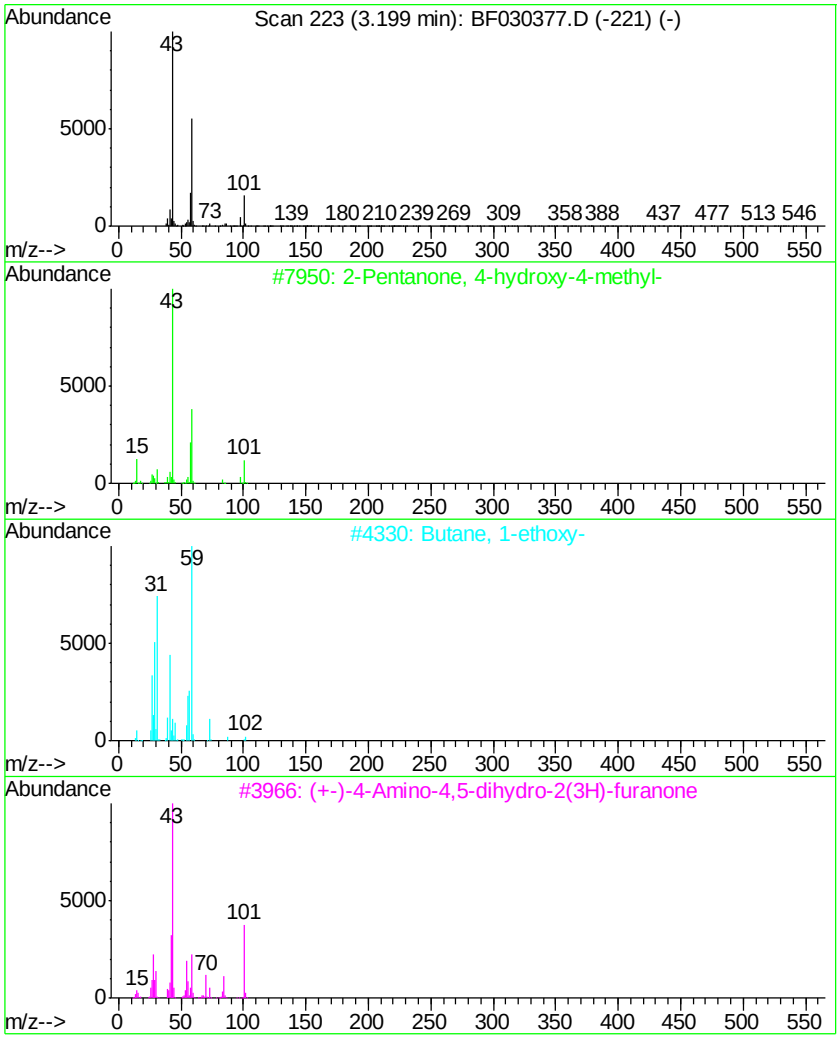
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

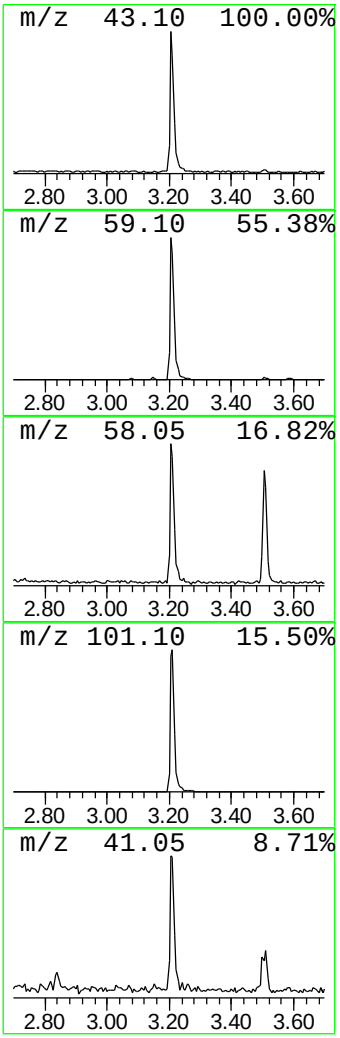
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	4.75 ng	107726	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030377.D
Acq On : 7 Aug 2009 13:15
Operator : HNP
Sample : PB43887B
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.20	4.8	ng	107726	1	4.78	453353	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
65794-96-9	3+4-Methylphenols	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	330	U
92-52-4	1,1-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	330	U
131-11-3	Dimethylphthalate	140	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	330	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	330	U
100-02-7	4-Nitrophenol	330	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	330	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/Kg

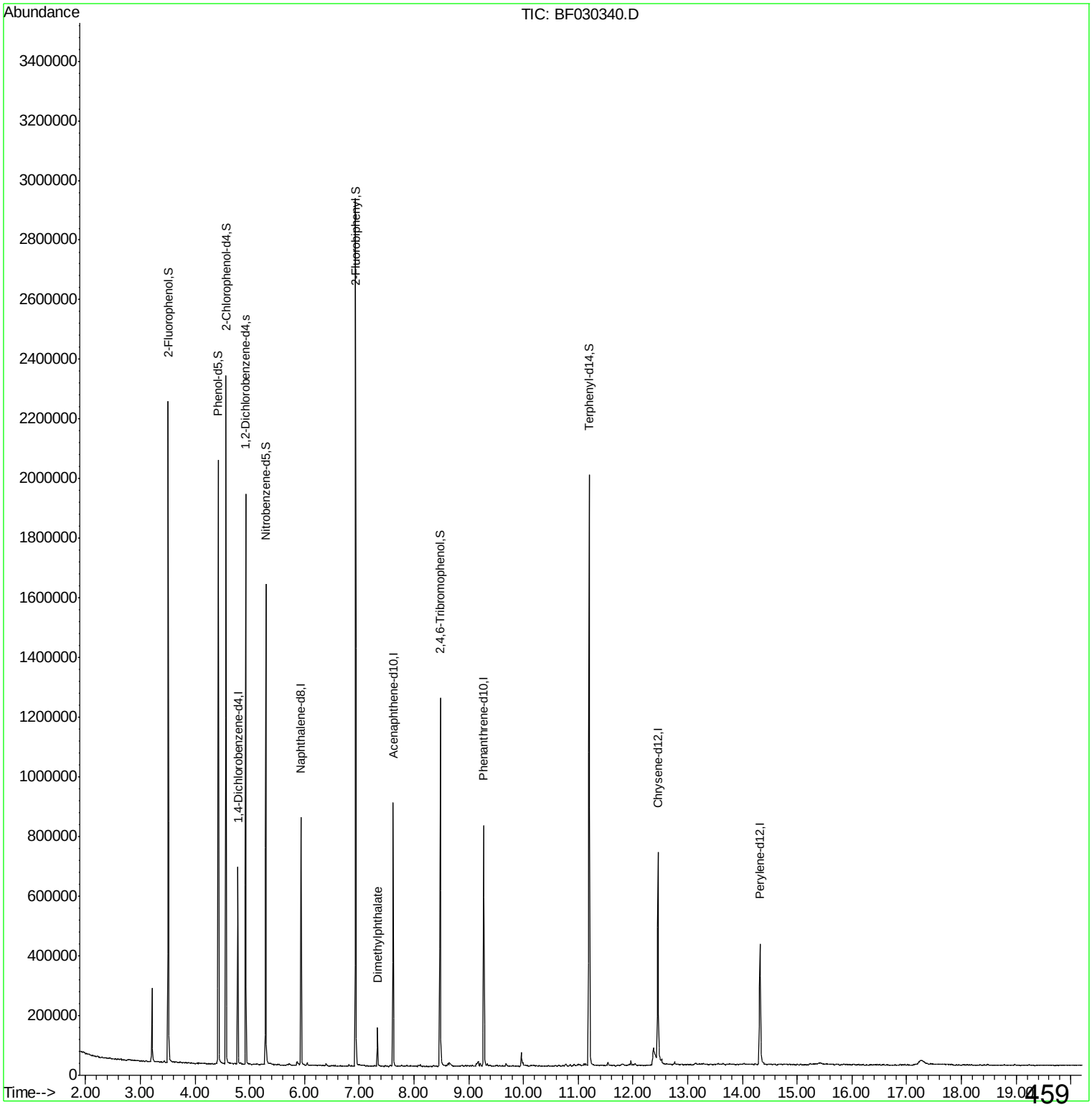
Number TICS found: 2

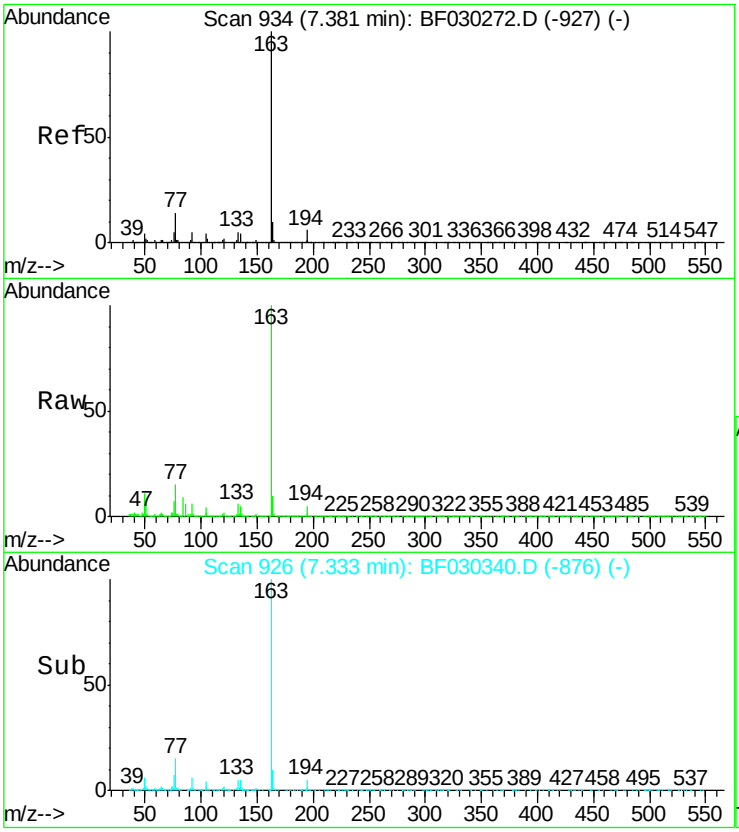
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	300	A
593-50-0	1-Triacontanol	12.37	160	J

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 10:50:20 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

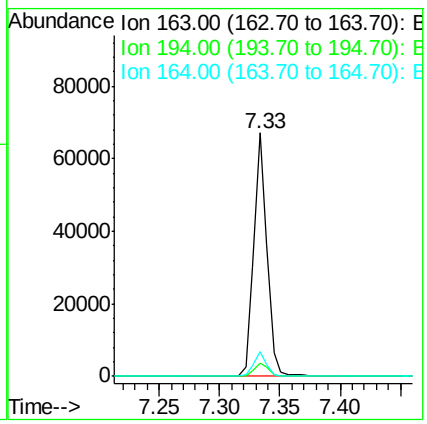




#51
Dimethylphthalate
Concen: 4.28 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030340.D
Acq: 6 Aug 2009 15:18

Tgt Ion:163 Resp: 51547

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.5	6.7
164	10.1	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 10:50:20 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	99972	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	372198	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	194237	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	326433	20.00	ng	0.00
77) Chrysene-d12	12.46	240	284304	20.00	ng	0.00
88) Perylene-d12	14.32	264	242301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	630304	112.56	ng	0.00
7) Phenol-d5	4.42	99	821310	117.98	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	622014	118.46	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	306381	89.35	ng	0.00
25) Nitrobenzene-d5	5.29	82	417689	79.65	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	154219	127.48	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	888414	91.33	ng	0.00
80) Terphenyl-d14	11.20	244	783183	90.66	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	51547	4.28	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	230	rBV	248666	228063	9.83%	1.223%
2	3.510	272	276	279	rBV	2215343	1778224	76.63%	9.538%
3	4.422	427	431	434	rBV	2022523	1805876	77.82%	9.686%
4	4.563	451	455	458	rBV	2308267	1895681	81.69%	10.168%
5	4.781	488	492	495	rBV	661330	501410	21.61%	2.689%
6	4.922	513	516	520	rBV	1913209	1593497	68.67%	8.547%
7	5.292	575	579	582	rBV	1608369	1198222	51.64%	6.427%
8	5.934	685	688	692	rBV	829496	670604	28.90%	3.597%
9	6.933	854	858	861	rBV	2908235	2320453	100.00%	12.447%
10	7.333	923	926	930	rBV	130348	100083	4.31%	0.537%
11	7.616	971	974	978	rBV	881152	755517	32.56%	4.052%
12	8.480	1116	1121	1131	rBV	1234531	1214413	52.34%	6.514%
13	9.274	1252	1256	1260	rBV	806815	752441	32.43%	4.036%
14	9.963	1370	1373	1376	rBV2	45283	44127	1.90%	0.237%
15	11.204	1578	1584	1587	rBV	1979882	2220368	95.69%	11.910%
16	12.374	1777	1783	1792	rBV3	57217	179028	7.72%	0.960%
17	12.457	1793	1797	1806	rVB	699652	738585	31.83%	3.962%
18	14.321	2107	2114	2126	rVB	403821	646799	27.87%	3.469%

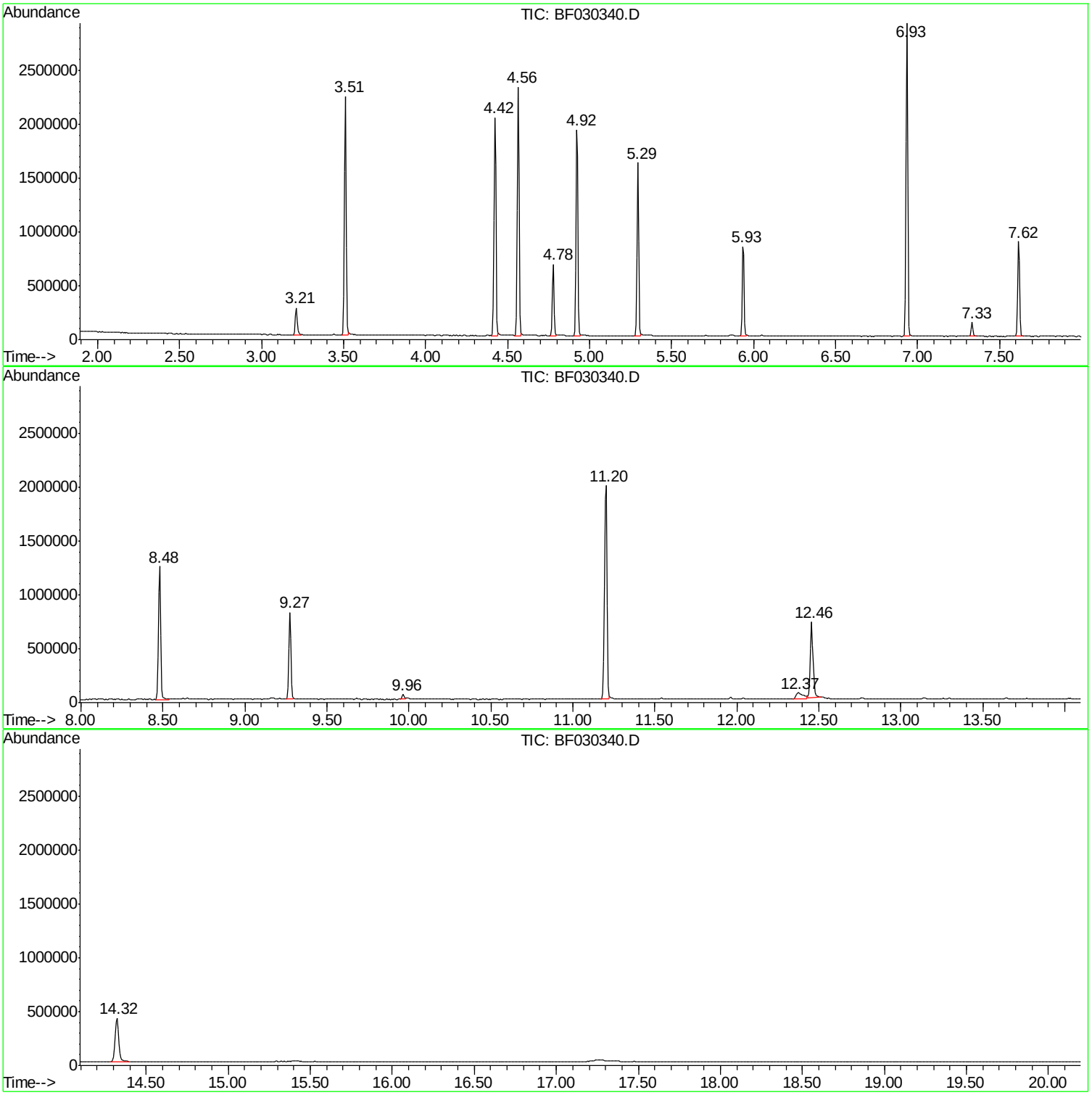
Sum of corrected areas: 18643391

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

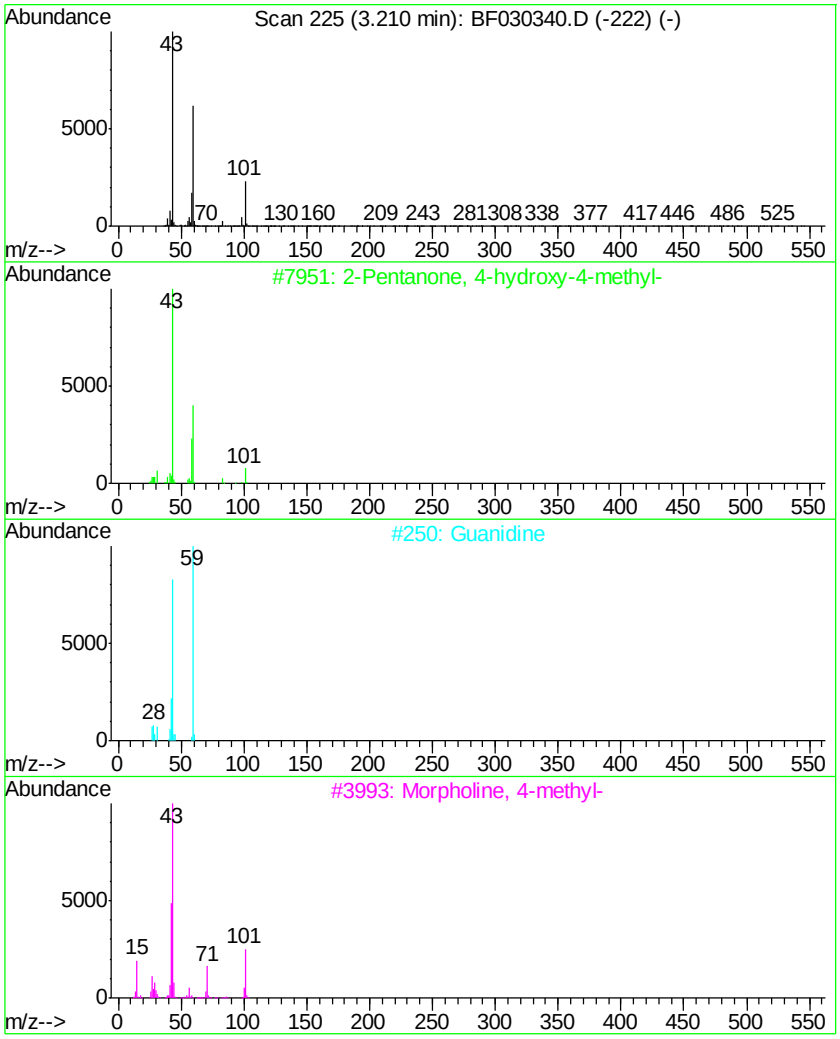
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TIC Integration Parameters: LSCINT.P

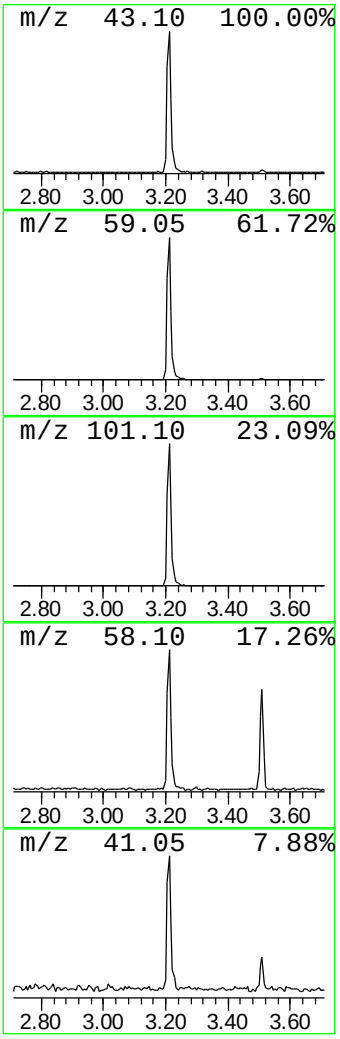
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	9.10 ng	228063	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

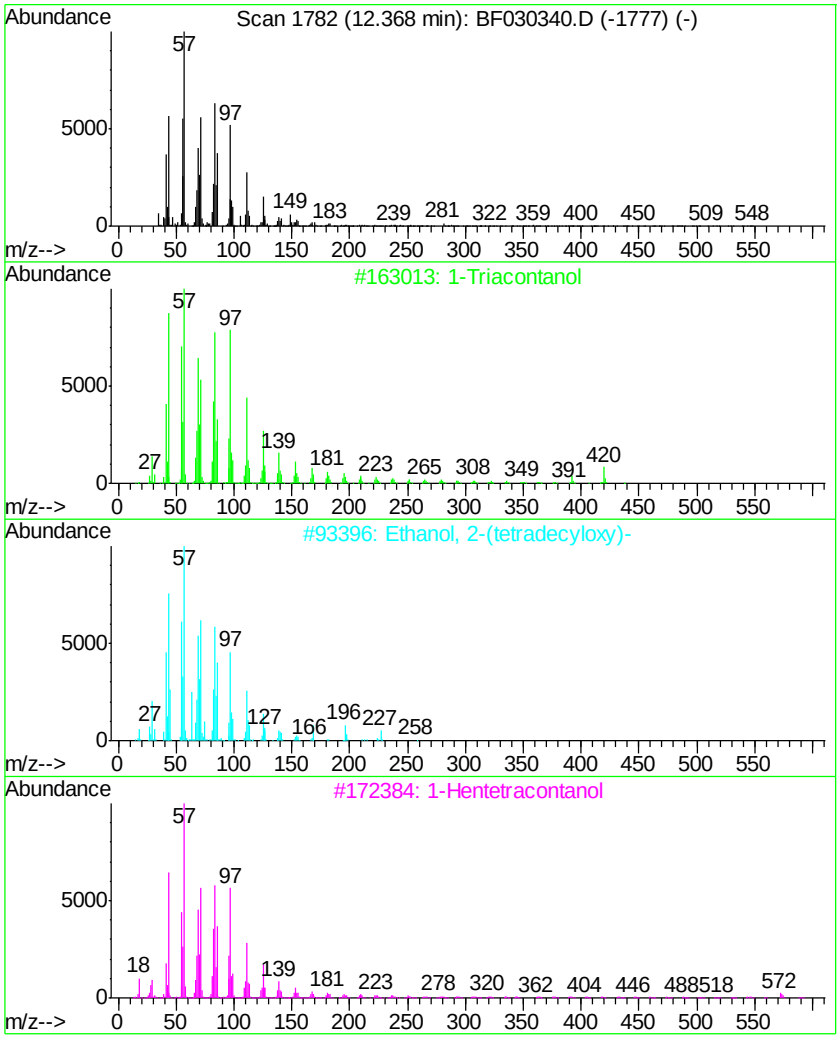
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TIC Integration Parameters: LSCINT.P

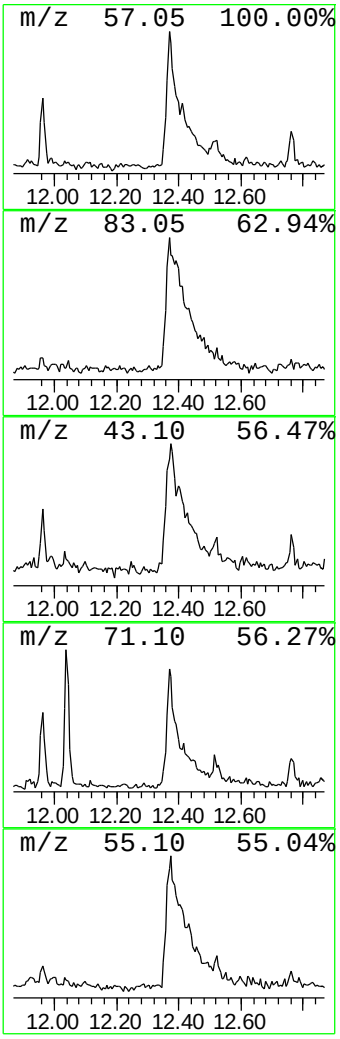
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Peak Number 2 1-Triacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.85 ng	179028	Chrysene-d12	12.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	94
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Hentetracontanol	593	C41H84O	040710-42-7	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	86
5	17-Pentatriacontene	491	C35H70	006971-40-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030340.D
Acq On : 6 Aug 2009 15:18
Operator : QM
Sample : PB43894B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	9.1	ng	228063	1	4.78	501410	20.0
1-Triacontanol	12.37	4.8	ng	179028	5	12.46	738585	20.0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
65794-96-9	3+4-Methylphenols	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	330	U
92-52-4	1,1-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	330	U
131-11-3	Dimethylphthalate	230	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	330	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	330	U
100-02-7	4-Nitrophenol	330	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	330	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/Kg

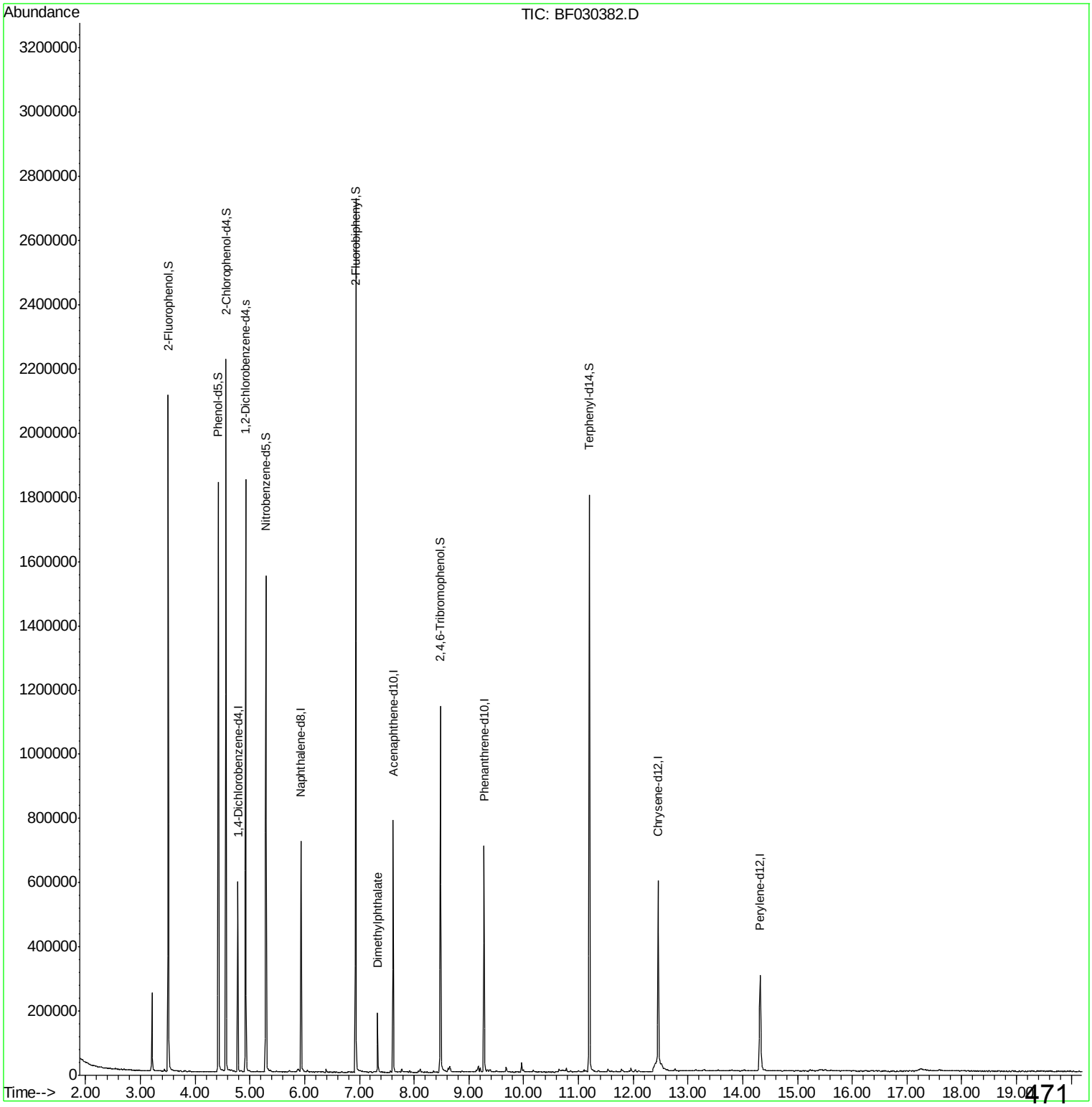
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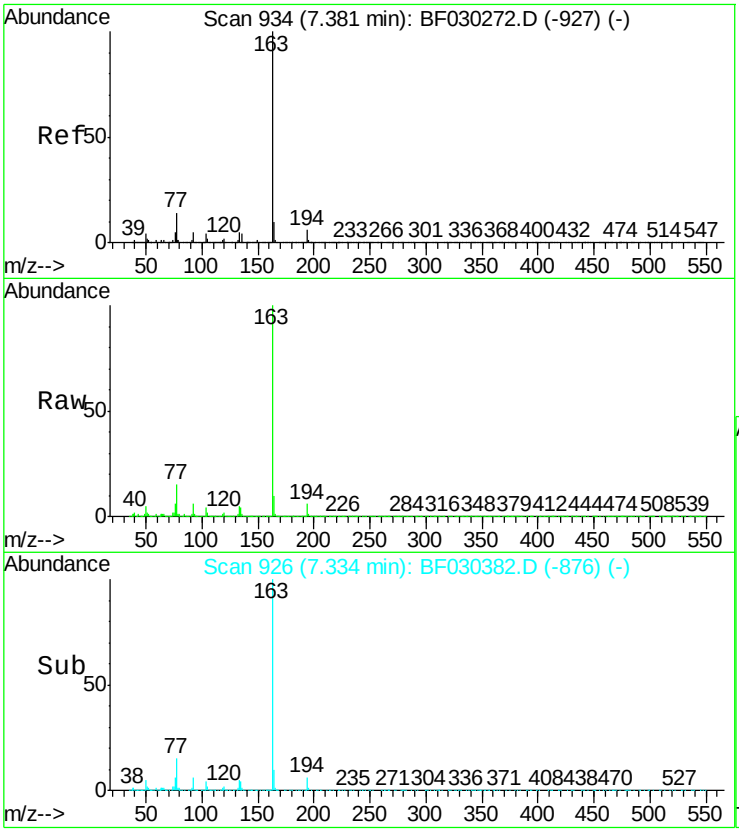
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	320	A

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 23:43:25 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

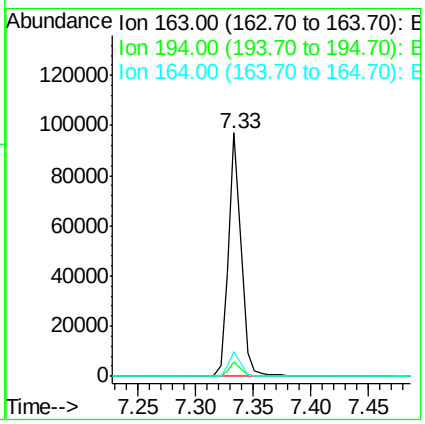




#51
Dimethylphthalate
Concen: 7.04 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030382.D
Acq: 7 Aug 2009 15:32

Tgt Ion:163 Resp: 73867

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.5	6.7
164	10.0	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 23:43:25 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	89999	20.00	ng	0.00
23) Naphthalene-d8	5.94	136	333124	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	169420	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	282791	20.00	ng	0.00
77) Chrysene-d12	12.46	240	241191	20.00	ng	0.00
88) Perylene-d12	14.32	264	182843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.51	112	604383	119.89	ng	0.00
7) Phenol-d5	4.42	99	773214	123.38	ng	0.00
12) 2-Chlorophenol-d4	4.56	132	590246	124.86	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	292525	94.76	ng	0.00
25) Nitrobenzene-d5	5.29	82	406039	86.51	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	140961	133.59	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	834567	98.36	ng	0.00
80) Terphenyl-d14	11.20	244	711244	97.05	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	73867	7.04	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.210	222	225	237	rVB	245269	225870	10.28%	1.310%
2	3.510	272	276	279	rBV	2106091	1719985	78.30%	9.973%
3	4.422	427	431	434	rBV	1837381	1729606	78.74%	10.028%
4	4.563	451	455	458	rBV	2217776	1817469	82.74%	10.538%
5	4.781	488	492	495	rBV	590251	464539	21.15%	2.693%
6	4.922	513	516	520	rBV	1844923	1529369	69.62%	8.867%
7	5.293	575	579	582	rBV	1546579	1154402	52.55%	6.693%
8	5.934	685	688	692	rBV	717634	603892	27.49%	3.501%
9	6.934	854	858	861	rBV	2722076	2196610	100.00%	12.736%
10	7.334	923	926	935	rVB	185913	144764	6.59%	0.839%
11	7.616	971	974	978	rBV	783945	668920	30.45%	3.878%
12	8.481	1116	1121	1134	rBV	1139996	1124494	51.19%	6.520%
13	8.645	1147	1149	1156	rVB3	18271	26223	1.19%	0.152%
14	9.275	1252	1256	1264	rBV	702981	660337	30.06%	3.829%
15	9.963	1369	1373	1376	rBV	29816	29189	1.33%	0.169%
16	11.198	1578	1583	1587	rBV	1797616	2025492	92.21%	11.744%
17	12.457	1793	1797	1806	rVB	572731	619049	28.18%	3.589%
18	14.321	2106	2114	2128	rBV	299325	506933	23.08%	2.939%

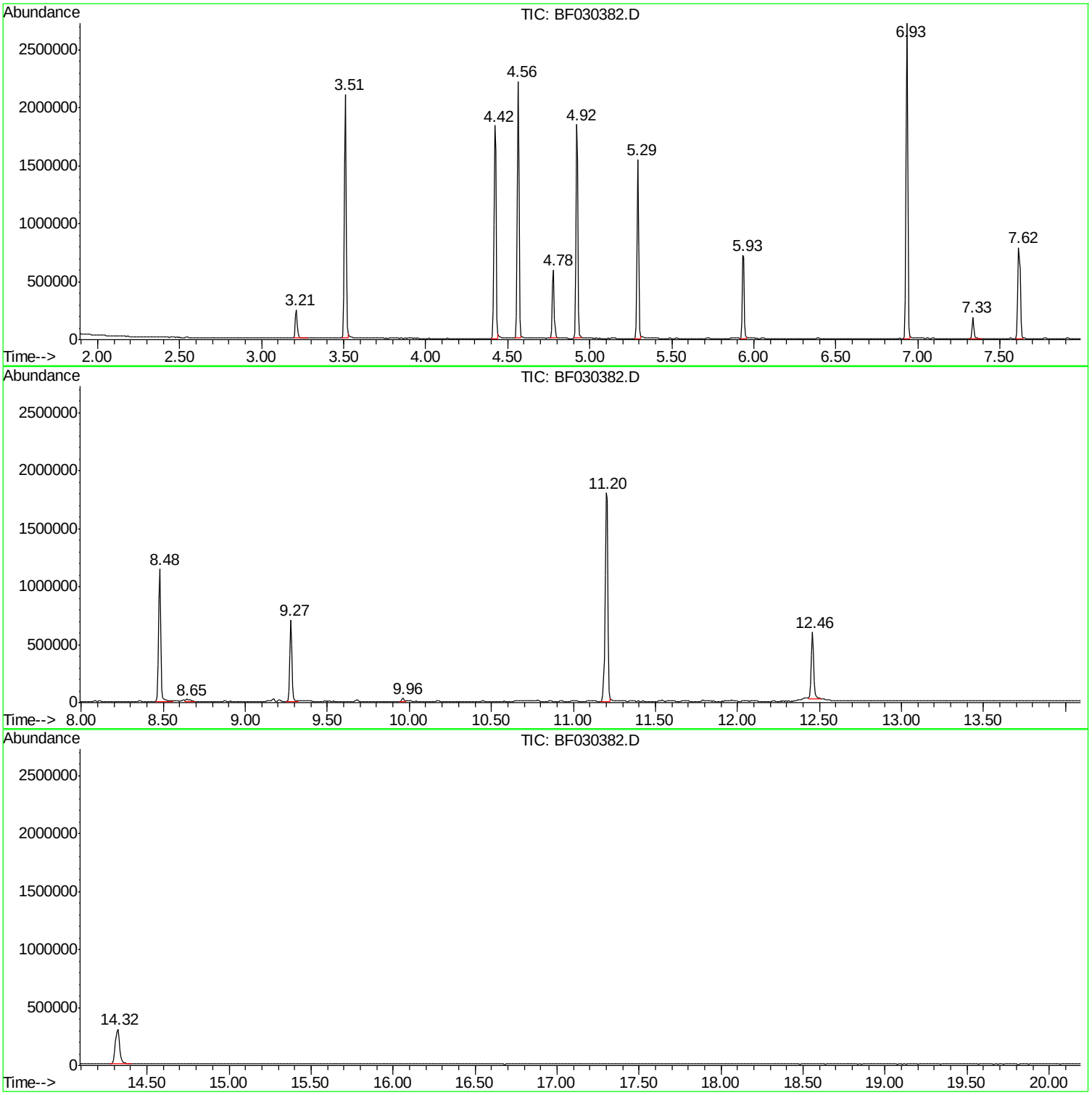
Sum of corrected areas: 17247143

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

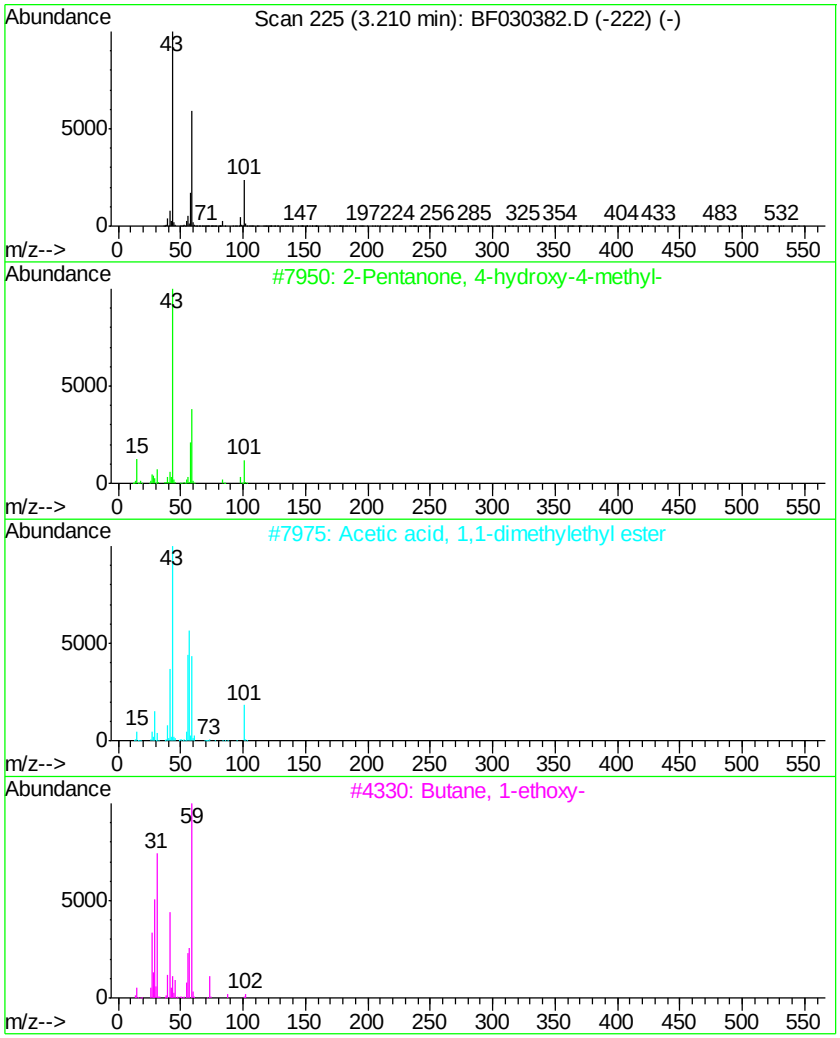
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

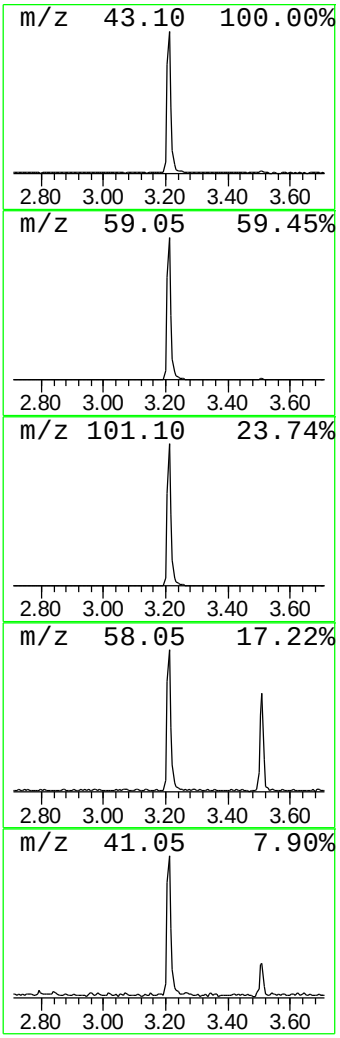
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	9.72 ng	225870	1,4-Dichlorobenzene-d4	4.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030382.D
Acq On : 7 Aug 2009 15:32
Operator : QM
Sample : PB43919B
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.21	9.7	ng	225870	1	4.78	464539	20.0

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BS

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030378.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	14	
108-95-2	Phenol	16	
111-44-4	bis(2-Chloroethyl)ether	44	
95-57-8	2-Chlorophenol	37	
95-48-7	2-Methylphenol	33	
108-60-1	2,2-oxybis(1-Chloropropane)	43	
98-86-2	Acetophenone	46	
65794-96-9	3+4-Methylphenols	30	
621-64-7	N-Nitroso-di-n-propylamine	46	
67-72-1	Hexachloroethane	35	
98-95-3	Nitrobenzene	45	
78-59-1	Isophorone	47	
88-75-5	2-Nitrophenol	45	
105-67-9	2,4-Dimethylphenol	44	
111-91-1	bis(2-Chloroethoxy)methane	47	
120-83-2	2,4-Dichlorophenol	43	
91-20-3	Naphthalene	41	
106-47-8	4-Chloroaniline	35	
87-68-3	Hexachlorobutadiene	38	
105-60-2	Caprolactam	10	
59-50-7	4-Chloro-3-methylphenol	42	
91-57-6	2-Methylnaphthalene	42	
77-47-4	Hexachlorocyclopentadiene	68	
88-06-2	2,4,6-Trichlorophenol	45	
95-95-4	2,4,5-Trichlorophenol	45	
92-52-4	1,1-Biphenyl	42	
91-58-7	2-Chloronaphthalene	42	
88-74-4	2-Nitroaniline	47	
131-11-3	Dimethylphthalate	47	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BS

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030378.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	44	
606-20-2	2,6-Dinitrotoluene	47	
99-09-2	3-Nitroaniline	44	
83-32-9	Acenaphthene	44	
51-28-5	2,4-Dinitrophenol	77	
100-02-7	4-Nitrophenol	39	
132-64-9	Dibenzofuran	44	
121-14-2	2,4-Dinitrotoluene	49	
84-66-2	Diethylphthalate	48	
7005-72-3	4-Chlorophenyl-phenylether	45	
86-73-7	Fluorene	44	
100-01-6	4-Nitroaniline	48	
534-52-1	4,6-Dinitro-2-methylphenol	48	
86-30-6	N-Nitrosodiphenylamine	47	
101-55-3	4-Bromophenyl-phenylether	47	
118-74-1	Hexachlorobenzene	46	
1912-24-9	Atrazine	48	
87-86-5	Pentachlorophenol	89	E
85-01-8	Phenanthrene	47	
120-12-7	Anthracene	47	
86-74-8	Carbazole	47	
84-74-2	Di-n-butylphthalate	49	
206-44-0	Fluoranthene	47	
129-00-0	Pyrene	48	
85-68-7	Butylbenzylphthalate	50	
91-94-1	3,3-Dichlorobenzidine	45	
56-55-3	Benzo(a)anthracene	48	
218-01-9	Chrysene	48	
117-81-7	bis(2-Ethylhexyl)phthalate	50	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BS

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030378.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

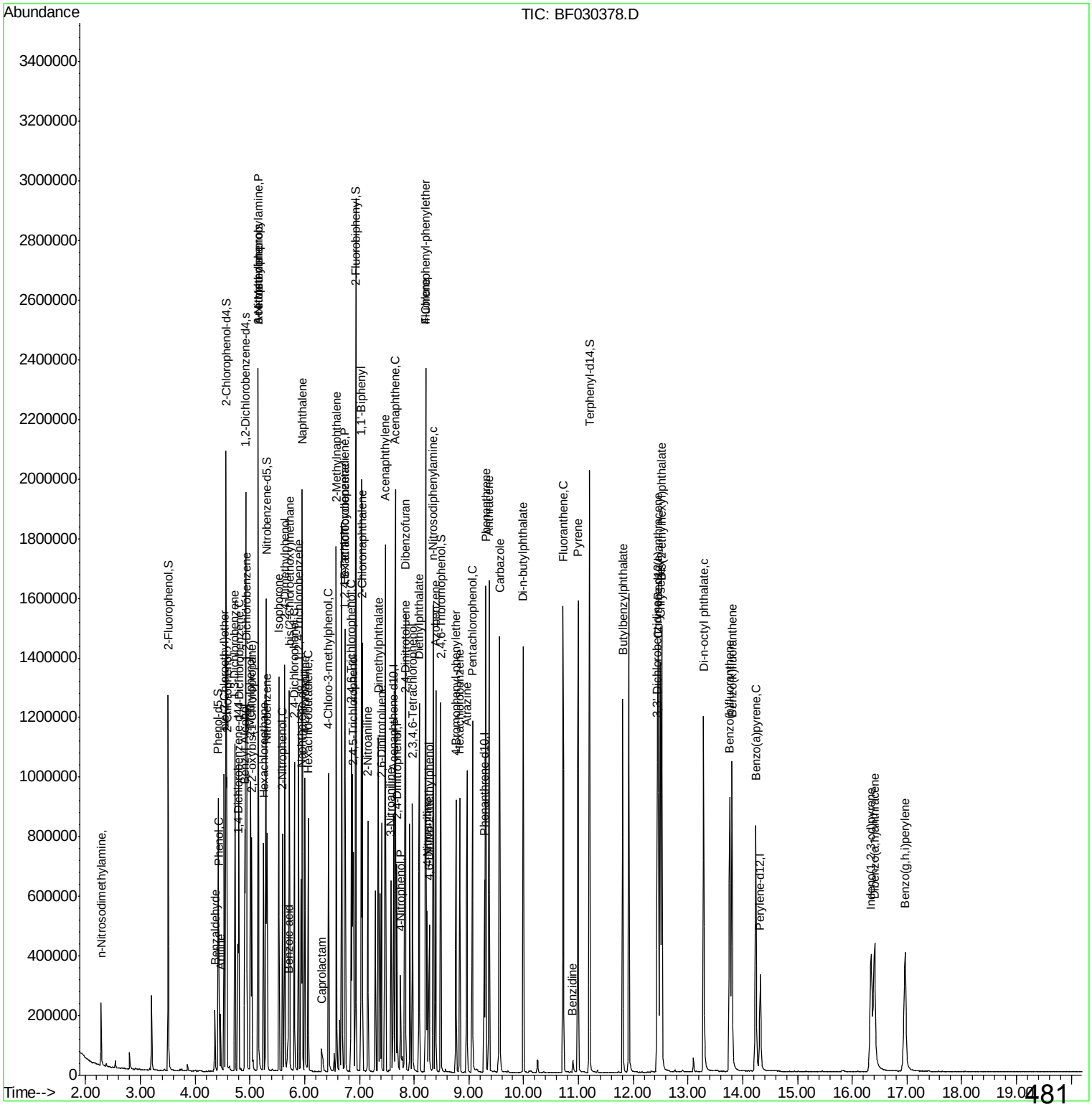
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	50	
205-99-2	Benzo(b)fluoranthene	52	
207-08-9	Benzo(k)fluoranthene	50	
50-32-8	Benzo(a)pyrene	49	
193-39-5	Indeno(1,2,3-cd)pyrene	40	
53-70-3	Dibenz(a,h)anthracene	45	
191-24-2	Benzo(g,h,i)perylene	46	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030378.D
Acq On : 7 Aug 2009 13:43
Operator : HNP
Sample : PB43887BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

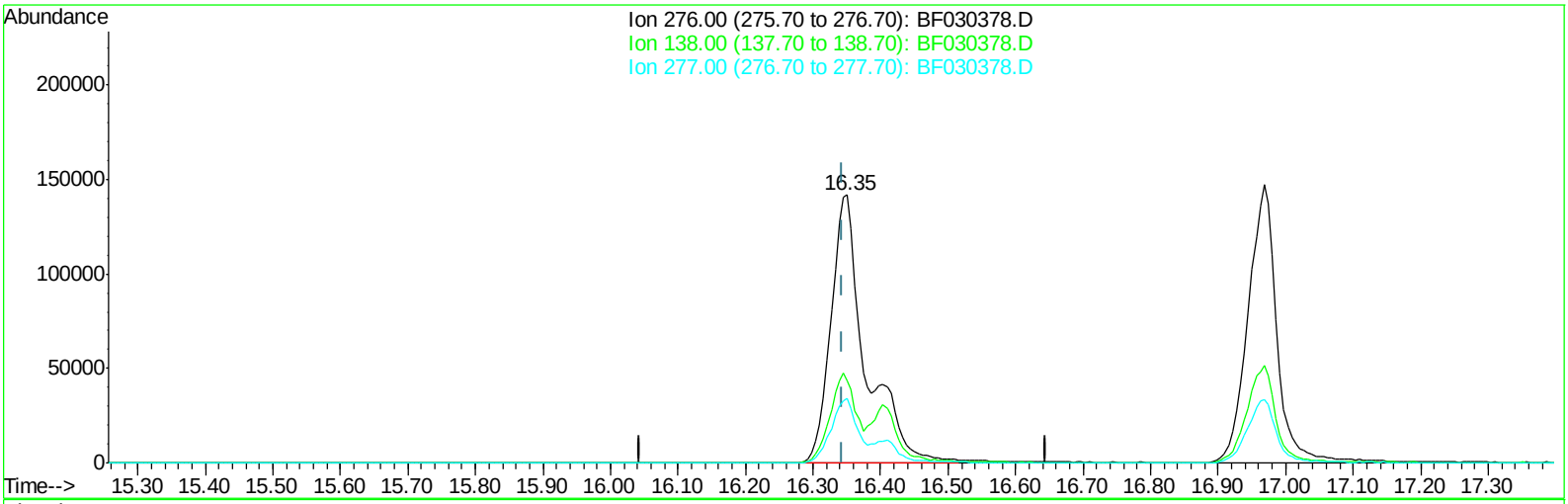
Quant Time: Aug 07 14:40:59 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

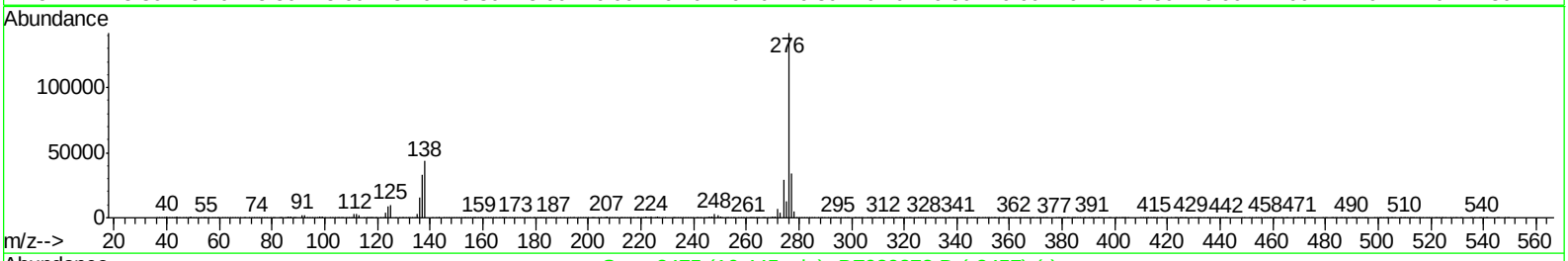


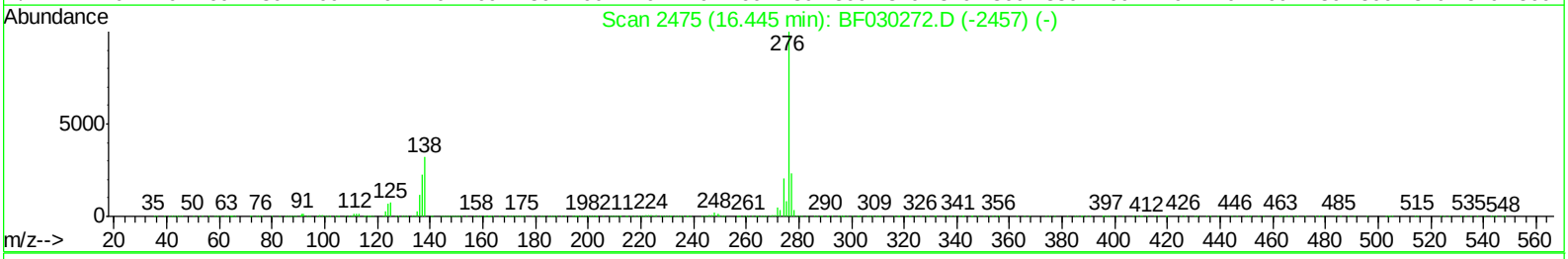
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030378.D
Acq On : 7 Aug 2009 13:43
Operator : HNP
Sample : PB43887BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 07 14:39:43 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030378.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 40.24ng m

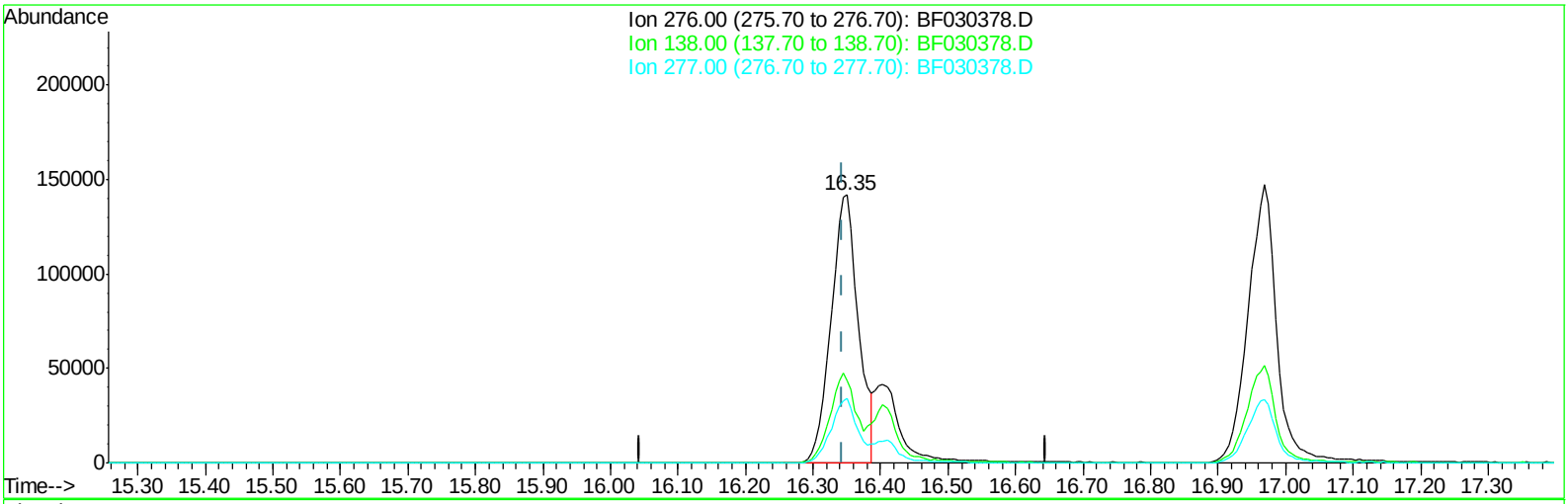
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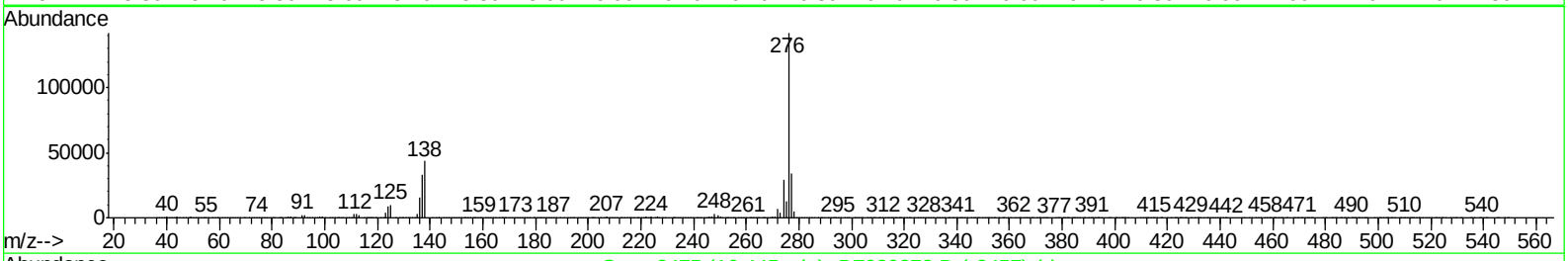
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	24.56
277.00	19.30	18.67
0.00	0.00	0.00

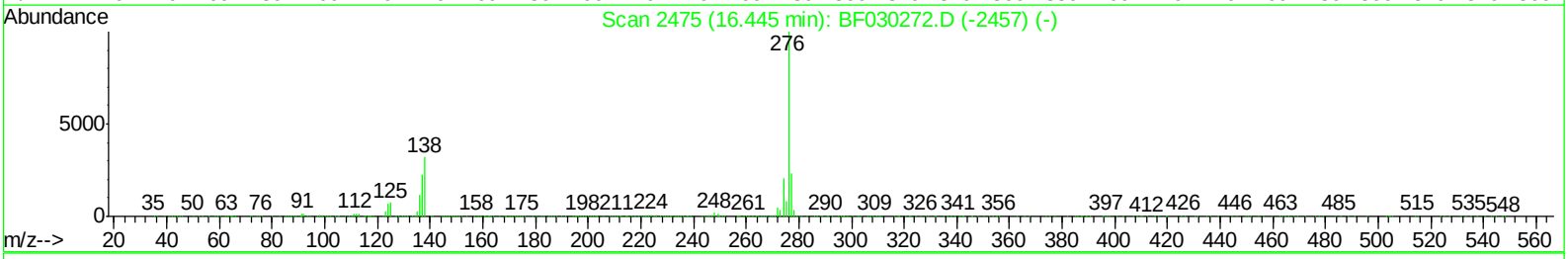
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030378.D
Acq On : 7 Aug 2009 13:43
Operator : HNP
Sample : PB43887BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 07 14:39:43 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030378.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 31.57ng

response 398713

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.30
277.00	19.30	23.79#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030378.D
Acq On : 7 Aug 2009 13:43
Operator : HNP
Sample : PB43887BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 07 14:40:59 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	95007	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	344395	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	177208	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	278595	20.00	ng		0.00
77) Chrysene-d12	12.46	240	226437	20.00	ng		0.00
88) Perylene-d12	14.32	264	183534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	379601	71.33	ng		0.00
7) Phenol-d5	4.42	99	323760	48.94	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	591375	118.51	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	310340	95.23	ng		0.00
25) Nitrobenzene-d5	5.30	82	480093	98.94	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	158084	143.24	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	929587	104.74	ng		0.00
80) Terphenyl-d14	11.20	244	773063	112.36	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.28	42	46064	22.23	ng	#	69
6) Aniline	4.46	93	67022	7.16	ng		99
8) 2-Chlorophenol	4.58	128	239069	37.21	ng		96
9) Benzaldehyde	4.36	77	37047	13.79	ng		94
10) Phenol	4.43	94	118072	15.70	ng		82
11) bis(2-Chloroethyl)ether	4.53	93	270037	43.68	ng		94
13) 1,3-Dichlorobenzene	4.73	146	251115	35.62	ng		99
14) 1,4-Dichlorobenzene	4.80	146	259322	36.01	ng		97
16) 1,2-Dichlorobenzene	4.94	146	244187	38.13	ng		99
17) Benzyl Alcohol	4.90	79	141260	33.65	ng		98
18) 2,2'-oxybis(1-Chloropropan	5.03	45	371257	43.01	ng		94
19) 2-Methylphenol	5.01	107	157437	32.52	ng		97
20) Hexachloroethane	5.25	117	82874	34.89	ng	#	84
21) n-Nitroso-di-n-propylamine	5.16	70	158457	45.83	ng		93
22) 3+4-Methylphenols	5.15	107	166742	29.82	ng	#	52
24) Acetophenone	5.15	105	320328	45.94	ng	#	98
26) Nitrobenzene	5.31	77	240363	44.91	ng		91
27) Isophorone	5.53	82	497287	46.87	ng		99
28) 2-Nitrophenol	5.60	139	152061	44.76	ng		98
29) 2,4-Dimethylphenol	5.63	122	231232	44.34	ng		97
30) bis(2-Chloroethoxy)methane	5.72	93	317987	47.35	ng		98
31) 2,4-Dichlorophenol	5.81	162	210649	43.47	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	195597	38.92	ng		99
33) Naphthalene	5.96	128	716191	40.58	ng		99
34) Benzoic acid	5.70	122	59793	20.72	ng		95
35) 4-Chloroaniline	6.00	127	250251	35.44	ng		99
36) Hexachlorobutadiene	6.07	225	89073	37.50	ng		98
37) Caprolactam	6.32	113	18793	10.19	ng	#	76
38) 4-Chloro-3-methylphenol	6.43	107	187765	42.18	ng		95
39) 2-Methylnaphthalene	6.58	142	458847	42.38	ng		99
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	171032	38.82	ng		99
42) Hexachlorocyclopentadiene	6.73	237	168784	68.03	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030378.D
Acq On : 7 Aug 2009 13:43
Operator : HNP
Sample : PB43887BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 07 14:40:59 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,6-Trichlorophenol	6.85	196	140647	45.11	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	147463	45.26	ng		95
47) 1,1'-Biphenyl	7.03	154	579460	41.63	ng		99
48) 2-Chloronaphthalene	7.05	162	439632	41.95	ng		99
49) 2-Nitroaniline	7.16	65	121748	47.03	ng		84
50) Acenaphthylene	7.47	152	756238	43.66	ng		100
51) Dimethylphthalate	7.35	163	518113	47.21	ng		98
52) 2,6-Dinitrotoluene	7.40	165	129763	47.32	ng		93
53) Acenaphthene	7.66	154	443338	43.67	ng		99
54) 3-Nitroaniline	7.58	138	134769	44.24	ng		95
55) 2,4-Dinitrophenol	7.69	184	121757	77.11	ng		99
56) Dibenzofuran	7.84	168	633399	44.27	ng		98
57) 4-Nitrophenol	7.75	139	84717	38.54	ng		94
58) 2,4-Dinitrotoluene	7.83	165	163020	48.57	ng	#	87
59) Fluorene	8.22	166	472264	44.08	ng		99
60) 2,3,4,6-Tetrachlorophenol	7.97	232	118687	46.70	ng	#	93
61) Diethylphthalate	8.09	149	496201	48.01	ng		97
62) 4-Chlorophenyl-phenylether	8.22	204	200365	44.62	ng		96
63) 4-Nitroaniline	8.25	138	145914	47.78	ng		97
64) Azobenzene	8.39	77	467867	45.84	ng		96
66) 4,6-Dinitro-2-methylphenol	8.27	198	82159	48.49	ng		93
67) n-Nitrosodiphenylamine	8.35	169	454025	47.16	ng		99
68) 4-Bromophenyl-phenylether	8.77	248	125617	46.68	ng		94
69) Hexachlorobenzene	8.83	284	129842	46.27	ng		96
70) Atrazine	8.96	200	119170	47.59	ng		96
71) Pentachlorophenol	9.06	266	154535	89.44	ng		97
72) Phenanthrene	9.31	178	715715	46.79	ng		100
73) Anthracene	9.37	178	727216	46.71	ng		99
74) Carbazole	9.56	167	717852	46.89	ng		99
75) Di-n-butylphthalate	9.99	149	834966	48.80	ng		98
76) Fluoranthene	10.72	202	688732	46.58	ng		99
78) Benzidine	10.90	184	20992	3.33	ng		98
79) Pyrene	10.99	202	736087	48.01	ng		100
81) Butylbenzylphthalate	11.81	149	340292	50.05	ng		97
82) Benzo(a)anthracene	12.45	228	594742	47.68	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	190129	45.29	ng		98
84) Chrysene	12.50	228	597380	47.65	ng		99
85) Bis(2-ethylhexyl)phthalate	12.52	149	475769	49.77	ng		98
86) Di-n-octyl phthalate	13.29	149	800699	49.76	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.35	276	508184m	40.24	ng		
89) Benzo(b)fluoranthene	13.77	252	549068	51.92	ng		100
90) Benzo(k)fluoranthene	13.80	252	553844	50.15	ng		100
91) Benzo(a)pyrene	14.24	252	508825	48.92	ng		99
92) Dibenzo(a,h)anthracene	16.41	278	418363	44.55	ng		98
93) Benzo(g,h,i)perylene	16.97	276	439851	45.94	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BSD

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030379.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	13	
108-95-2	Phenol	15	
111-44-4	bis(2-Chloroethyl)ether	42	
95-57-8	2-Chlorophenol	36	
95-48-7	2-Methylphenol	32	
108-60-1	2,2-oxybis(1-Chloropropane)	41	
98-86-2	Acetophenone	44	
65794-96-9	3+4-Methylphenols	29	
621-64-7	N-Nitroso-di-n-propylamine	45	
67-72-1	Hexachloroethane	33	
98-95-3	Nitrobenzene	43	
78-59-1	Isophorone	45	
88-75-5	2-Nitrophenol	43	
105-67-9	2,4-Dimethylphenol	42	
111-91-1	bis(2-Chloroethoxy)methane	45	
120-83-2	2,4-Dichlorophenol	41	
91-20-3	Naphthalene	38	
106-47-8	4-Chloroaniline	36	
87-68-3	Hexachlorobutadiene	34	
105-60-2	Caprolactam	9.5	J
59-50-7	4-Chloro-3-methylphenol	41	
91-57-6	2-Methylnaphthalene	39	
77-47-4	Hexachlorocyclopentadiene	63	
88-06-2	2,4,6-Trichlorophenol	44	
95-95-4	2,4,5-Trichlorophenol	44	
92-52-4	1,1-Biphenyl	40	
91-58-7	2-Chloronaphthalene	40	
88-74-4	2-Nitroaniline	48	
131-11-3	Dimethylphthalate	47	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BSD

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030379.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	42	
606-20-2	2,6-Dinitrotoluene	47	
99-09-2	3-Nitroaniline	45	
83-32-9	Acenaphthene	42	
51-28-5	2,4-Dinitrophenol	78	
100-02-7	4-Nitrophenol	36	
132-64-9	Dibenzofuran	43	
121-14-2	2,4-Dinitrotoluene	49	
84-66-2	Diethylphthalate	48	
7005-72-3	4-Chlorophenyl-phenylether	44	
86-73-7	Fluorene	44	
100-01-6	4-Nitroaniline	47	
534-52-1	4,6-Dinitro-2-methylphenol	48	
86-30-6	N-Nitrosodiphenylamine	44	
101-55-3	4-Bromophenyl-phenylether	45	
118-74-1	Hexachlorobenzene	44	
1912-24-9	Atrazine	46	
87-86-5	Pentachlorophenol	86	E
85-01-8	Phenanthrene	44	
120-12-7	Anthracene	44	
86-74-8	Carbazole	45	
84-74-2	Di-n-butylphthalate	47	
206-44-0	Fluoranthene	44	
129-00-0	Pyrene	46	
85-68-7	Butylbenzylphthalate	47	
91-94-1	3,3-Dichlorobenzidine	46	
56-55-3	Benzo(a)anthracene	46	
218-01-9	Chrysene	45	
117-81-7	bis(2-Ethylhexyl)phthalate	47	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887BSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887BSD

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030379.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

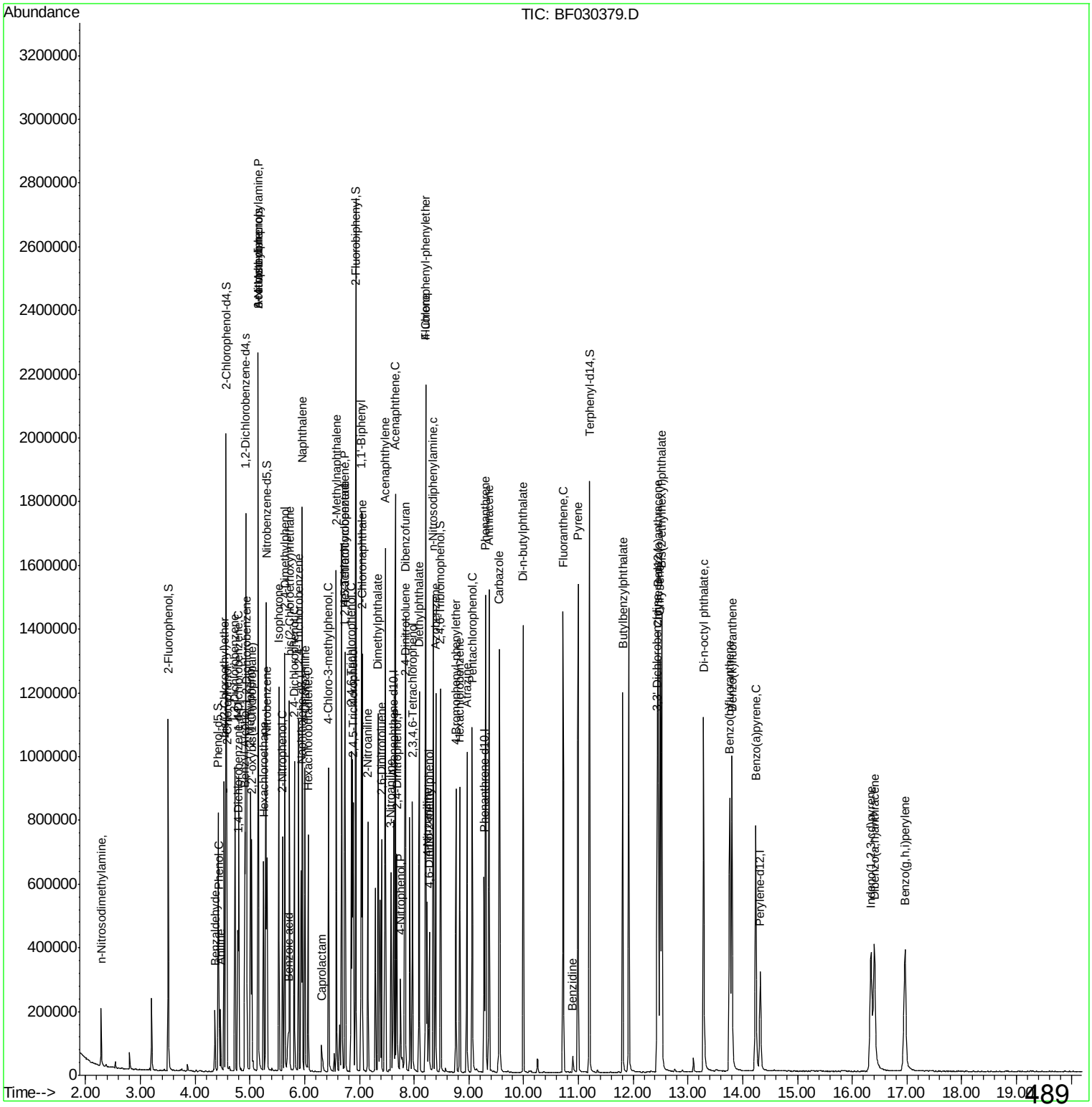
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	47	
205-99-2	Benzo(b)fluoranthene	51	
207-08-9	Benzo(k)fluoranthene	49	
50-32-8	Benzo(a)pyrene	47	
193-39-5	Indeno(1,2,3-cd)pyrene	38	
53-70-3	Dibenz(a,h)anthracene	44	
191-24-2	Benzo(g,h,i)perylene	44	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030379.D
Acq On : 7 Aug 2009 14:10
Operator : HNP
Sample : PB43887BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

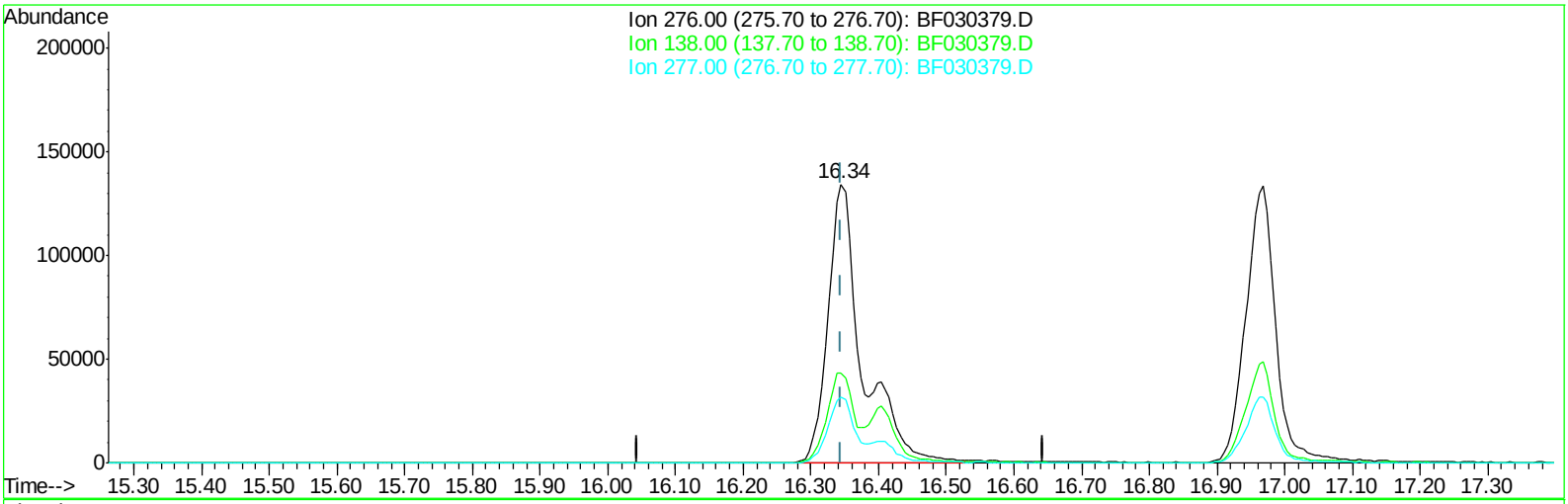
Quant Time: Aug 07 14:42:48 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

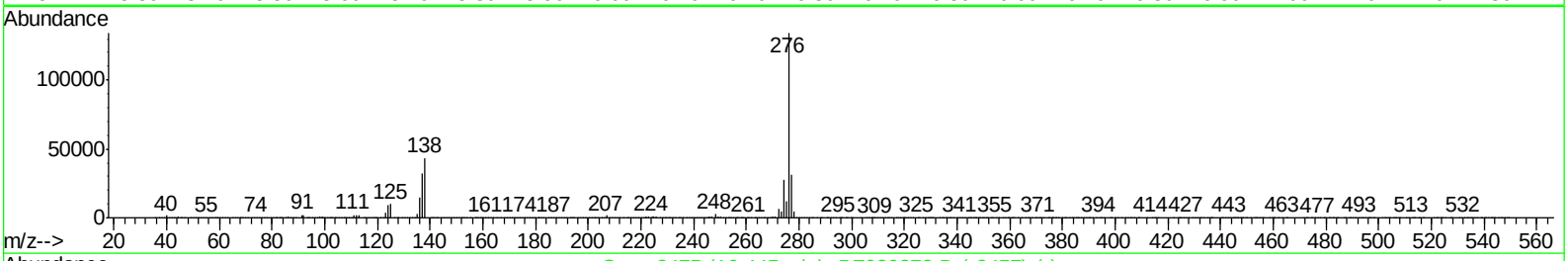


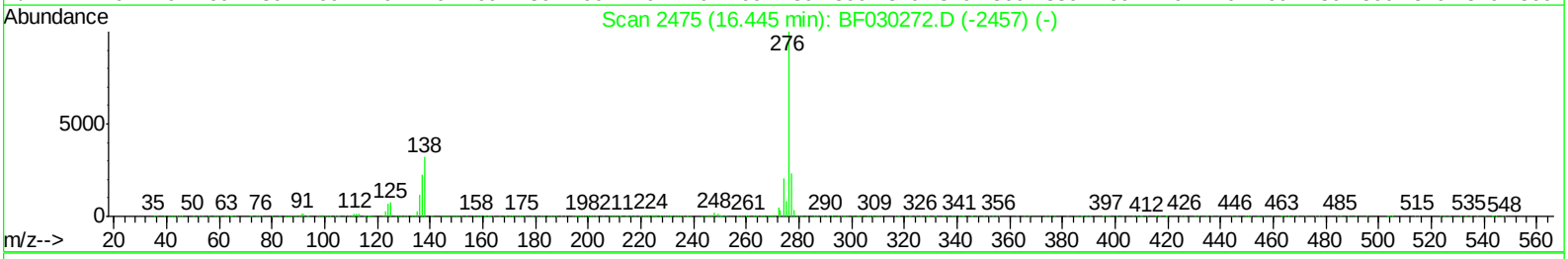
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030379.D
Acq On : 7 Aug 2009 14:10
Operator : HNP
Sample : PB43887BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 07 14:41:37 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030379.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (0.000) 37.89ng m

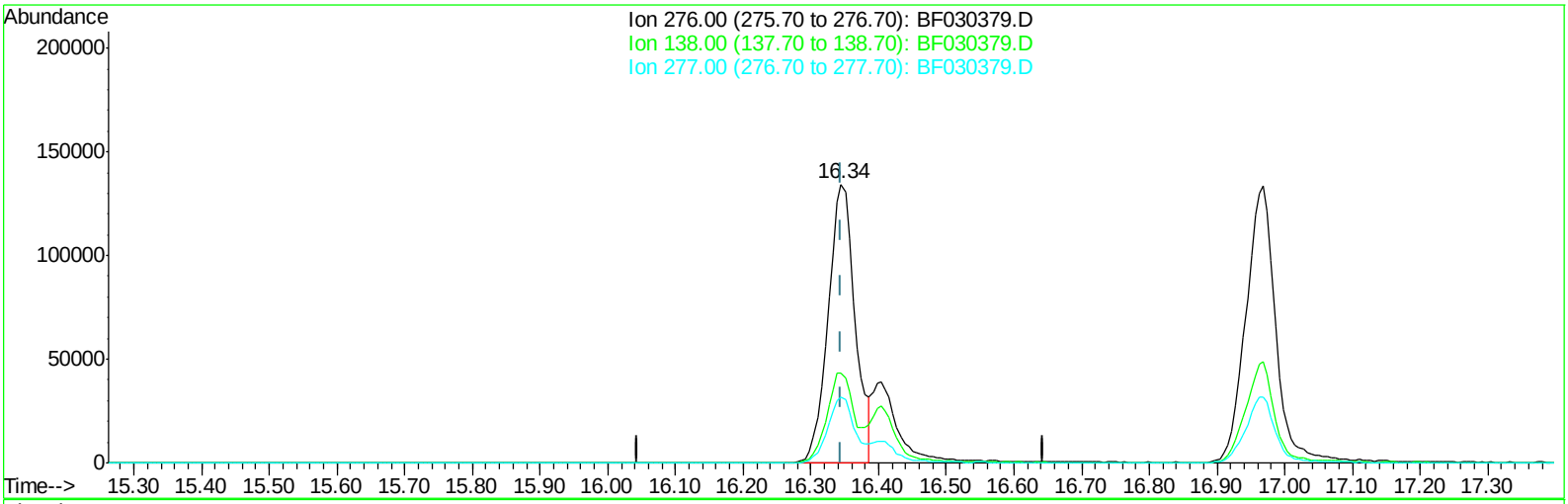
response 474132

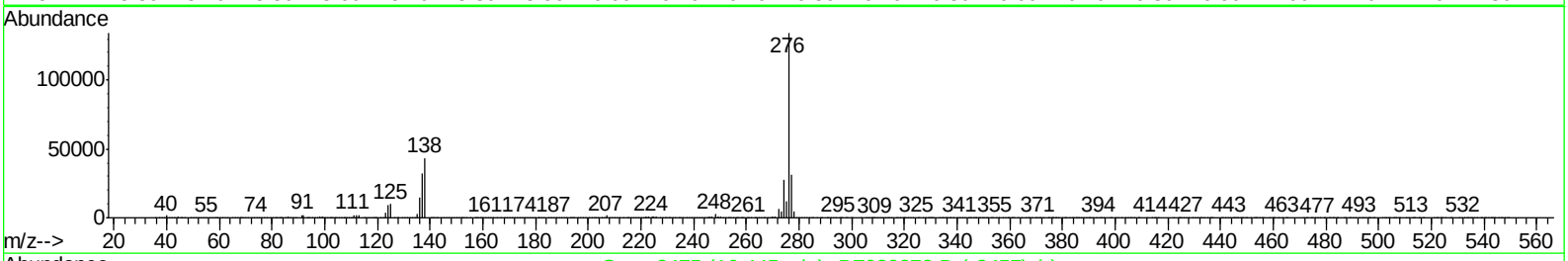
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	26.17
277.00	19.30	18.05
0.00	0.00	0.00

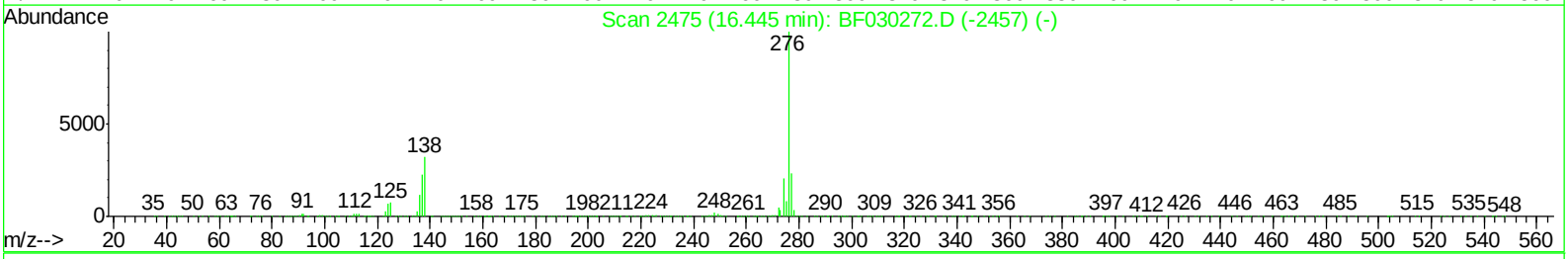
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030379.D
Acq On : 7 Aug 2009 14:10
Operator : HNP
Sample : PB43887BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 07 14:41:37 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030379.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (0.000) 29.75ng

response 372265

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	33.33#
277.00	19.30	22.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030379.D
Acq On : 7 Aug 2009 14:10
Operator : HNP
Sample : PB43887BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 07 14:42:48 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	89766	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	332304	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	168131	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	274592	20.00	ng		0.00
77) Chrysene-d12	12.46	240	224364	20.00	ng		0.00
88) Perylene-d12	14.32	264	177220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	353834	70.37	ng		0.00
7) Phenol-d5	4.42	99	290354	46.45	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	552911	117.27	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	287345	93.33	ng		0.00
25) Nitrobenzene-d5	5.30	82	449872	96.09	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	152824	145.95	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	871810	103.53	ng		0.00
80) Terphenyl-d14	11.20	244	730050	107.09	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.28	42	41064	20.97	ng	#	69
6) Aniline	4.46	93	67985	7.68	ng		99
8) 2-Chlorophenol	4.58	128	217307	35.79	ng		95
9) Benzaldehyde	4.36	77	34105	13.44	ng		98
10) Phenol	4.43	94	103748	14.60	ng		81
11) bis(2-Chloroethyl)ether	4.53	93	247538	42.38	ng		92
13) 1,3-Dichlorobenzene	4.73	146	220236	33.07	ng		99
14) 1,4-Dichlorobenzene	4.80	146	228830	33.64	ng		97
16) 1,2-Dichlorobenzene	4.94	146	214696	35.48	ng		99
17) Benzyl Alcohol	4.90	79	128878	32.49	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.03	45	333068	40.84	ng		94
19) 2-Methylphenol	5.01	107	144700	31.64	ng		98
20) Hexachloroethane	5.25	117	73808	32.89	ng	#	87
21) n-Nitroso-di-n-propylamine	5.16	70	148074	45.33	ng		92
22) 3+4-Methylphenols	5.15	107	155074	29.36	ng	#	48
24) Acetophenone	5.15	105	298479	44.36	ng	#	98
26) Nitrobenzene	5.31	77	219784	42.56	ng		91
27) Isophorone	5.53	82	458329	44.77	ng		99
28) 2-Nitrophenol	5.60	139	139891	42.67	ng		98
29) 2,4-Dimethylphenol	5.63	122	212139	42.16	ng		96
30) bis(2-Chloroethoxy)methane	5.72	93	292386	45.13	ng		99
31) 2,4-Dichlorophenol	5.81	162	193643	41.41	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	174351	35.95	ng		99
33) Naphthalene	5.96	128	644080	37.82	ng		99
34) Benzoic acid	5.70	122	51333	19.16	ng		98
35) 4-Chloroaniline	6.00	127	248147	36.42	ng		98
36) Hexachlorobutadiene	6.07	225	77940	34.00	ng		99
37) Caprolactam	6.31	113	16869	9.48	ng	#	76
38) 4-Chloro-3-methylphenol	6.43	107	175165	40.78	ng		96
39) 2-Methylnaphthalene	6.58	142	408198	39.07	ng		100
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	154282	36.91	ng		98
42) Hexachlorocyclopentadiene	6.73	237	148231	62.97	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030379.D
Acq On : 7 Aug 2009 14:10
Operator : HNP
Sample : PB43887BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 07 14:42:48 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,6-Trichlorophenol	6.85	196	129200	43.68	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	136515	44.16	ng		95
47) 1,1'-Biphenyl	7.03	154	526257	39.84	ng		99
48) 2-Chloronaphthalene	7.05	162	395044	39.73	ng		100
49) 2-Nitroaniline	7.16	65	116879	47.59	ng		84
50) Acenaphthylene	7.47	152	698080	42.47	ng		99
51) Dimethylphthalate	7.34	163	489461	47.00	ng		99
52) 2,6-Dinitrotoluene	7.40	165	122837	47.22	ng	#	91
53) Acenaphthene	7.66	154	408975	42.46	ng		99
54) 3-Nitroaniline	7.57	138	128760	44.55	ng		99
55) 2,4-Dinitrophenol	7.69	184	117123	78.06	ng		98
56) Dibenzofuran	7.84	168	584488	43.05	ng		99
57) 4-Nitrophenol	7.75	139	74804	35.87	ng		95
58) 2,4-Dinitrotoluene	7.83	165	154526	48.52	ng	#	84
59) Fluorene	8.22	166	443513	43.63	ng		97
60) 2,3,4,6-Tetrachlorophenol	7.97	232	113859	47.22	ng	#	92
61) Diethylphthalate	8.09	149	467161	47.64	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	185540	43.55	ng		95
63) 4-Nitroaniline	8.24	138	134951	46.58	ng		98
64) Azobenzene	8.39	77	438951	45.33	ng		96
66) 4,6-Dinitro-2-methylphenol	8.27	198	79804	47.78	ng		90
67) n-Nitrosodiphenylamine	8.35	169	421739	44.44	ng		99
68) 4-Bromophenyl-phenylether	8.76	248	119868	45.20	ng		96
69) Hexachlorobenzene	8.83	284	122923	44.44	ng		97
70) Atrazine	8.96	200	112375	45.53	ng		98
71) Pentachlorophenol	9.06	266	146001	85.73	ng		98
72) Phenanthrene	9.30	178	670772	44.49	ng		99
73) Anthracene	9.37	178	682901	44.50	ng		100
74) Carbazole	9.56	167	677273	44.88	ng		99
75) Di-n-butylphthalate	9.99	149	787706	46.71	ng		99
76) Fluoranthene	10.72	202	647022	44.39	ng		98
78) Benzidine	10.90	184	26618	4.27	ng	#	95
79) Pyrene	10.99	202	691811	45.54	ng		100
81) Butylbenzylphthalate	11.81	149	319887	47.48	ng		97
82) Benzo(a)anthracene	12.45	228	563957	45.63	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	193230	46.45	ng		99
84) Chrysene	12.50	228	563183	45.34	ng		99
85) Bis(2-ethylhexyl)phthalate	12.52	149	445953	47.08	ng		99
86) Di-n-octyl phthalate	13.29	149	747902	46.91	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.34	276	474132m	37.89	ng		
89) Benzo(b)fluoranthene	13.77	252	519292	50.85	ng		99
90) Benzo(k)fluoranthene	13.80	252	522678	49.01	ng		99
91) Benzo(a)pyrene	14.24	252	468724	46.67	ng		100
92) Dibenzo(a,h)anthracene	16.40	278	399720	44.08	ng		99
93) Benzo(g,h,i)perylene	16.97	276	410989	44.45	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894BS

Sample wt/vol: 30.01 (g/mL) g Lab File ID: BF030341.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	360	
108-95-2	Phenol	1400	
111-44-4	bis(2-Chloroethyl)ether	1400	
95-57-8	2-Chlorophenol	1400	
95-48-7	2-Methylphenol	1400	
108-60-1	2,2-oxybis(1-Chloropropane)	1400	
98-86-2	Acetophenone	1300	
65794-96-9	3+4-Methylphenols	1400	
621-64-7	N-Nitroso-di-n-propylamine	1400	
67-72-1	Hexachloroethane	1300	
98-95-3	Nitrobenzene	1300	
78-59-1	Isophorone	1400	
88-75-5	2-Nitrophenol	1400	
105-67-9	2,4-Dimethylphenol	1500	
111-91-1	bis(2-Chloroethoxy)methane	1400	
120-83-2	2,4-Dichlorophenol	1400	
91-20-3	Naphthalene	1400	
106-47-8	4-Chloroaniline	960	
87-68-3	Hexachlorobutadiene	1300	
105-60-2	Caprolactam	1300	
59-50-7	4-Chloro-3-methylphenol	1400	
91-57-6	2-Methylnaphthalene	1400	
77-47-4	Hexachlorocyclopentadiene	2400	
88-06-2	2,4,6-Trichlorophenol	1400	
95-95-4	2,4,5-Trichlorophenol	1400	
92-52-4	1,1-Biphenyl	1300	
91-58-7	2-Chloronaphthalene	1300	
88-74-4	2-Nitroaniline	1400	
131-11-3	Dimethylphthalate	1600	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894BS

Sample wt/vol: 30.01 (g/mL) g Lab File ID: BF030341.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1400	
606-20-2	2,6-Dinitrotoluene	1400	
99-09-2	3-Nitroaniline	1100	
83-32-9	Acenaphthene	1400	
51-28-5	2,4-Dinitrophenol	2100	
100-02-7	4-Nitrophenol	3000	E
132-64-9	Dibenzofuran	1400	
121-14-2	2,4-Dinitrotoluene	1400	
84-66-2	Diethylphthalate	1400	
7005-72-3	4-Chlorophenyl-phenylether	1400	
86-73-7	Fluorene	1400	
100-01-6	4-Nitroaniline	1400	
534-52-1	4,6-Dinitro-2-methylphenol	1400	
86-30-6	N-Nitrosodiphenylamine	1300	
101-55-3	4-Bromophenyl-phenylether	1400	
118-74-1	Hexachlorobenzene	1400	
1912-24-9	Atrazine	1300	
87-86-5	Pentachlorophenol	2600	
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	1400	
86-74-8	Carbazole	1400	
84-74-2	Di-n-butylphthalate	1400	
206-44-0	Fluoranthene	1400	
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1400	
91-94-1	3,3-Dichlorobenzidine	1000	
56-55-3	Benzo(a)anthracene	1400	
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	1400	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894BS

Sample wt/vol: 30.01 (g/mL) g Lab File ID: BF030341.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

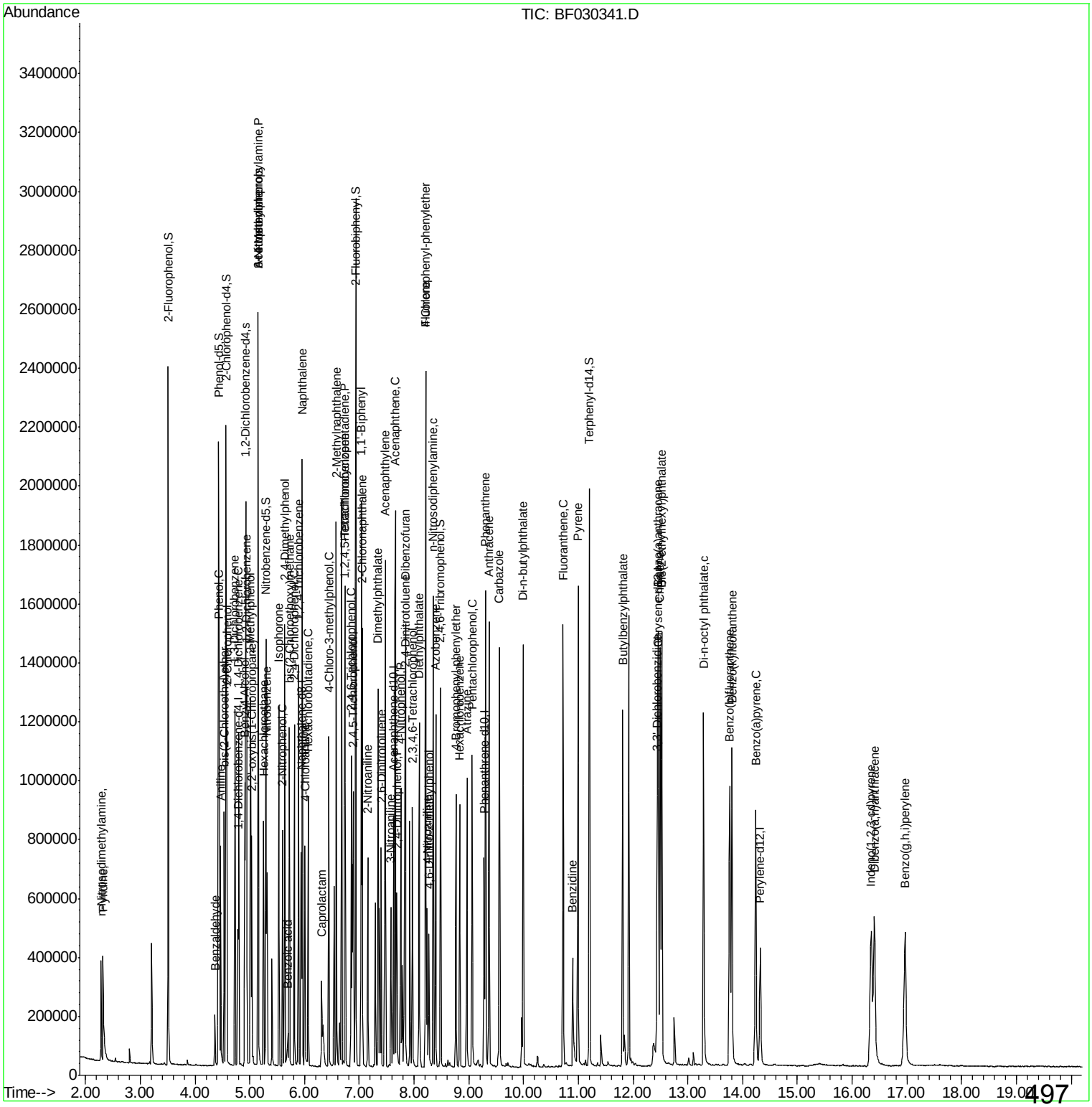
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1400	
205-99-2	Benzo(b)fluoranthene	1400	
207-08-9	Benzo(k)fluoranthene	1300	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenz(a,h)anthracene	1400	
191-24-2	Benzo(g,h,i)perylene	1400	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

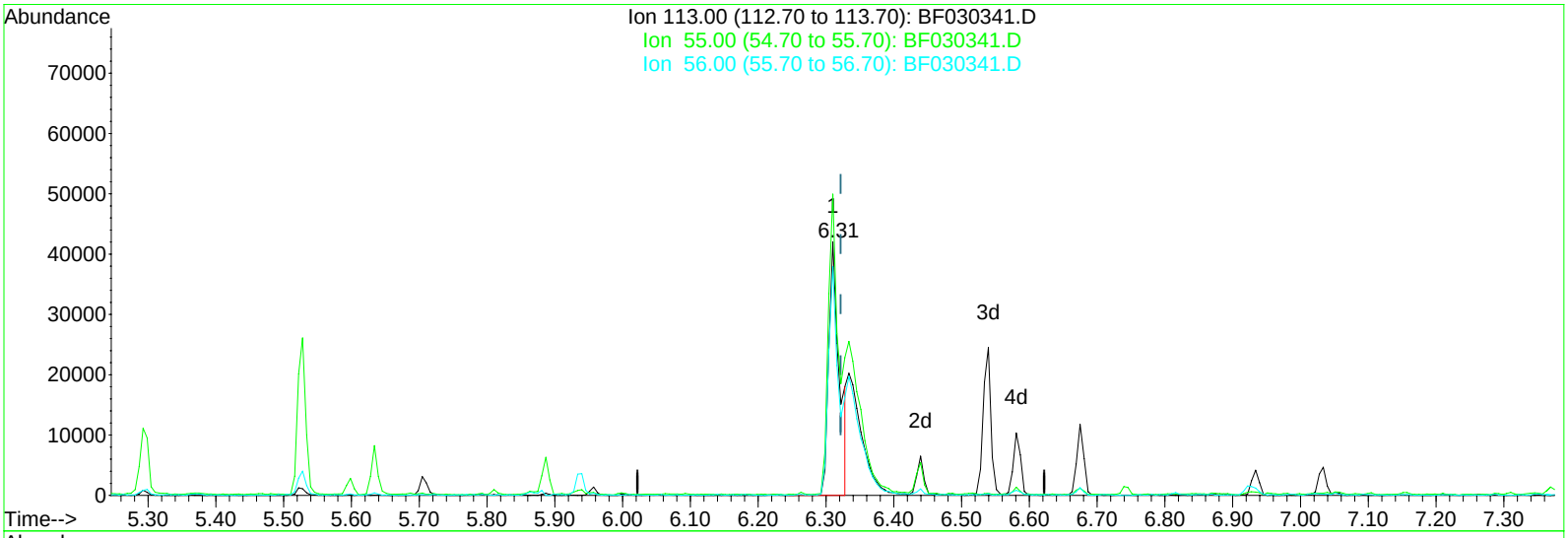
Quant Time: Aug 06 22:52:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

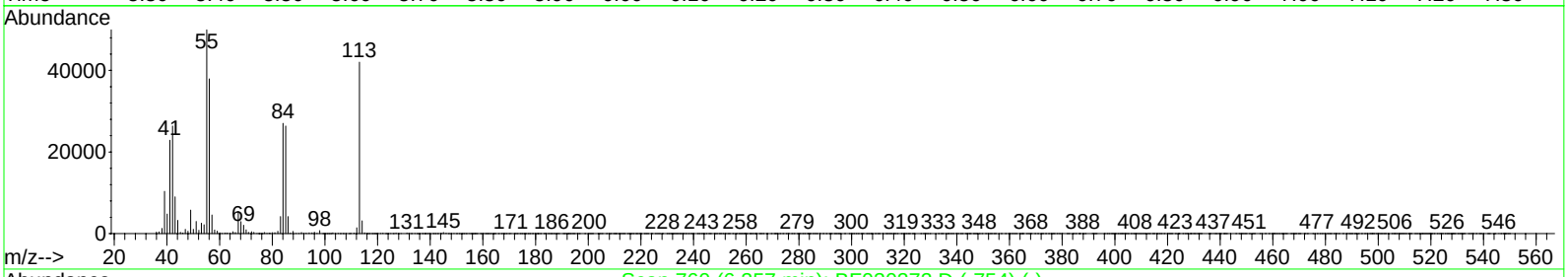


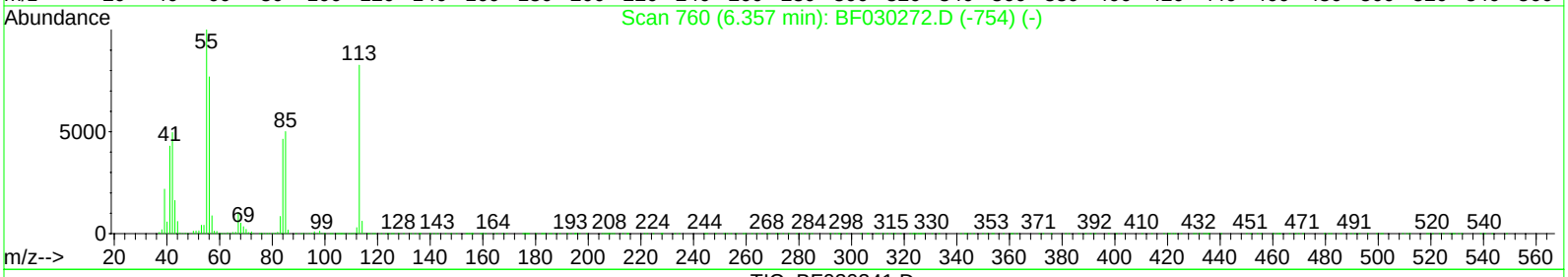
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:50:46 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030341.D

(37) Caprolactam

6.310min (-0.012) 23.65ng

response 45657

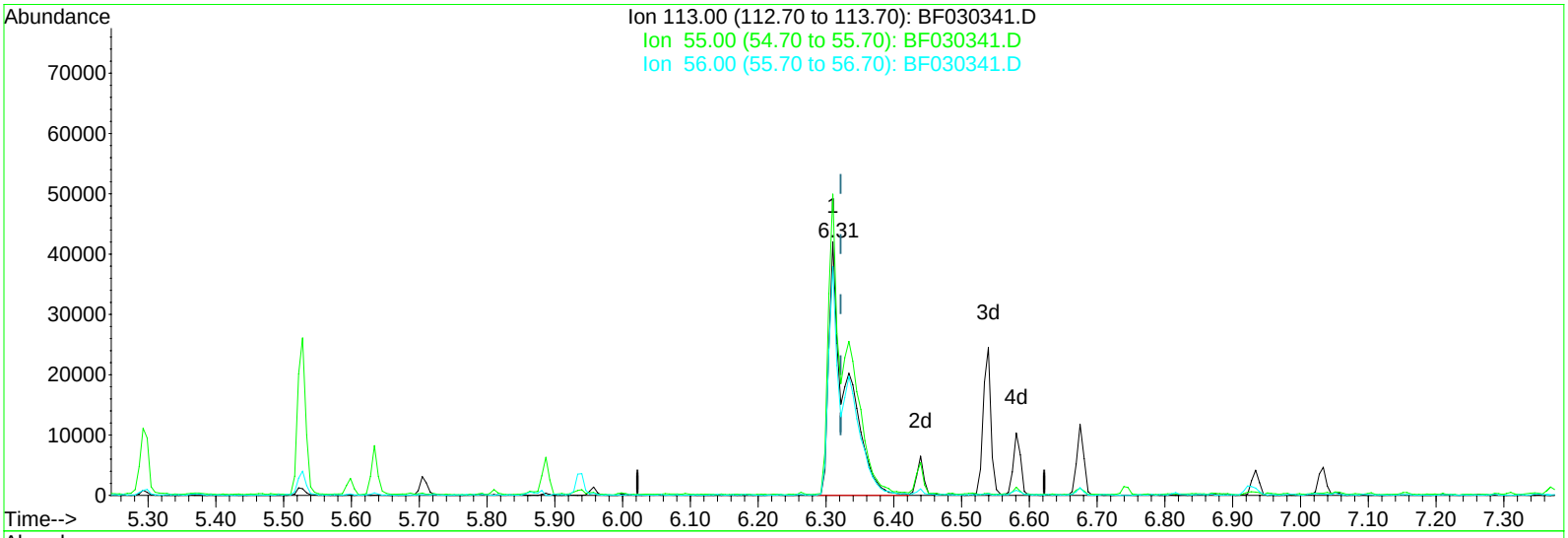
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	118.84#
56.00	111.10	90.20#
0.00	0.00	0.00

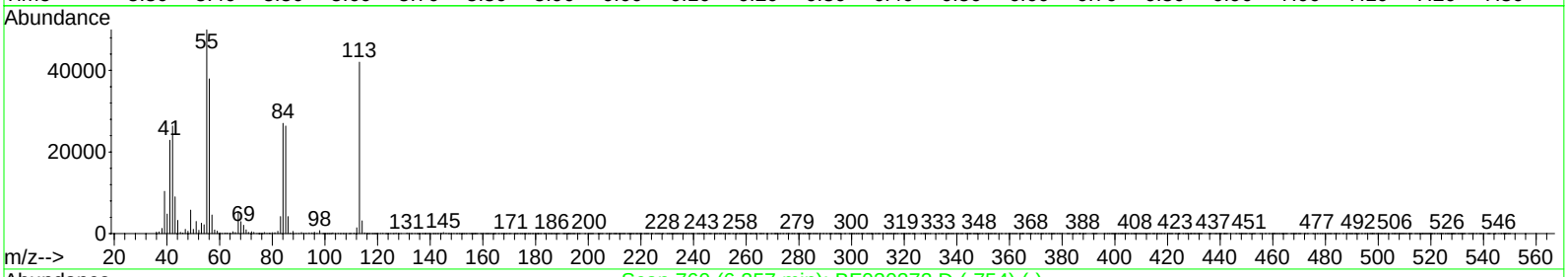
498

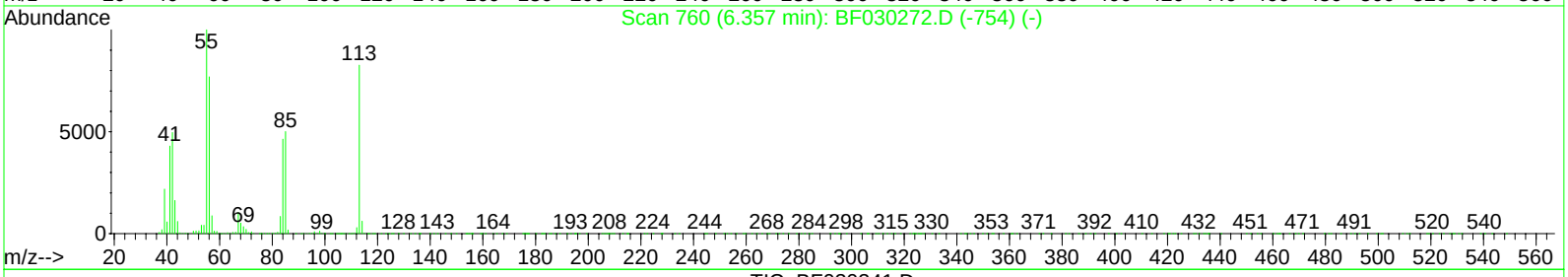
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:50:46 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030341.D

(37) Caprolactam

6.310min (-0.012) 39.36ng m

response 75989

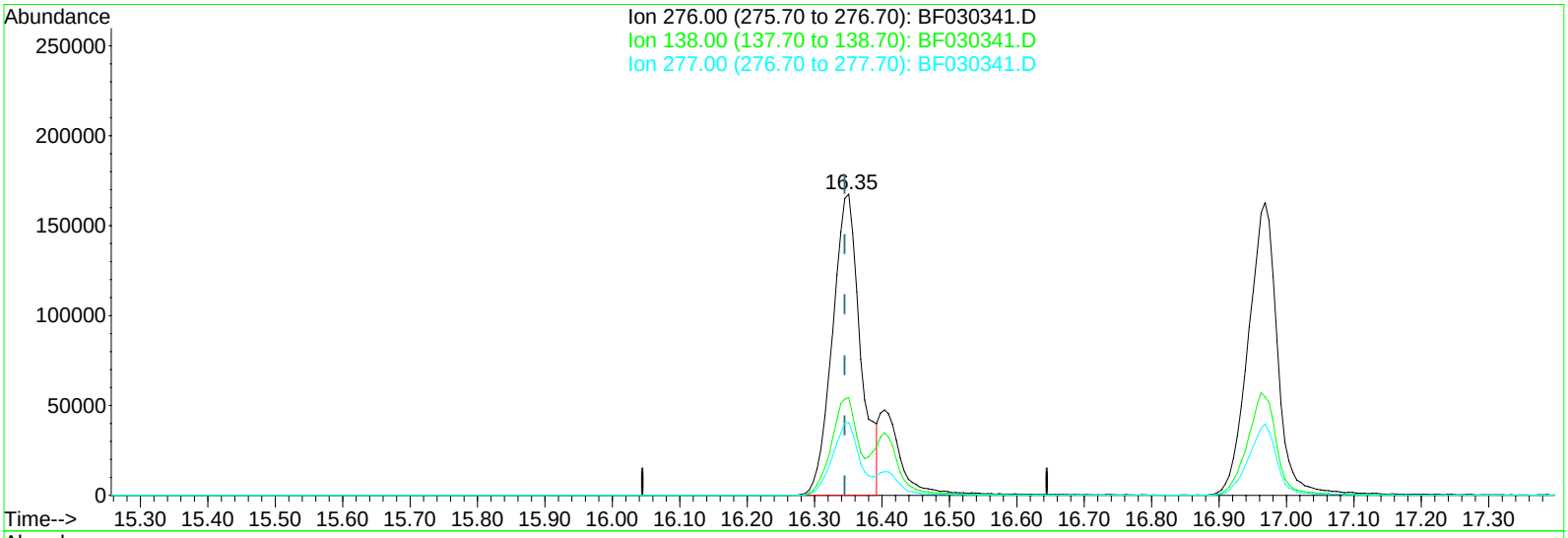
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	118.84#
56.00	111.10	90.20#
0.00	0.00	0.00

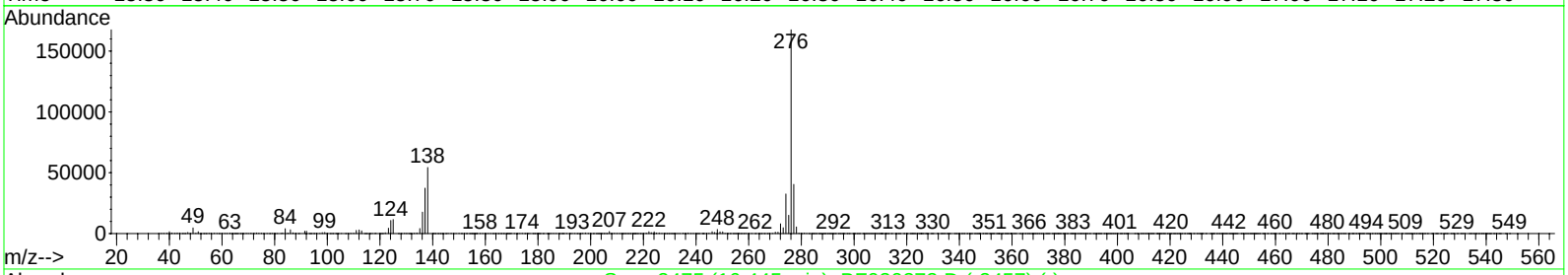
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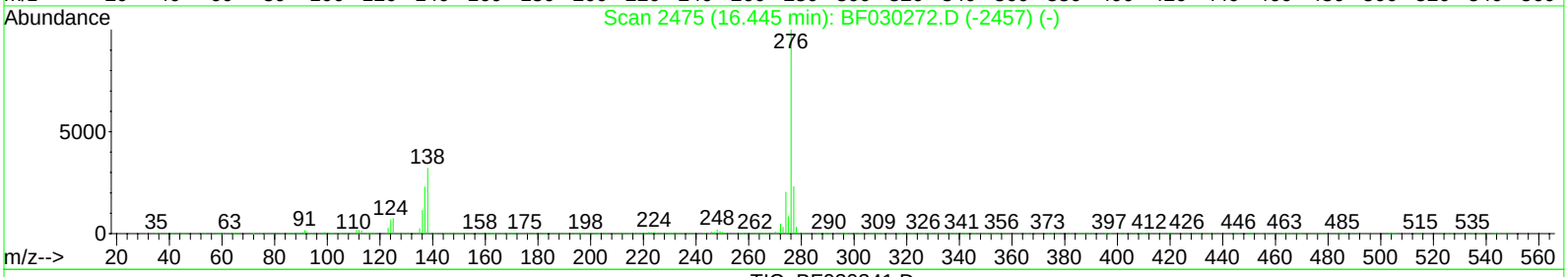
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:50:46 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030341.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 33.44ng

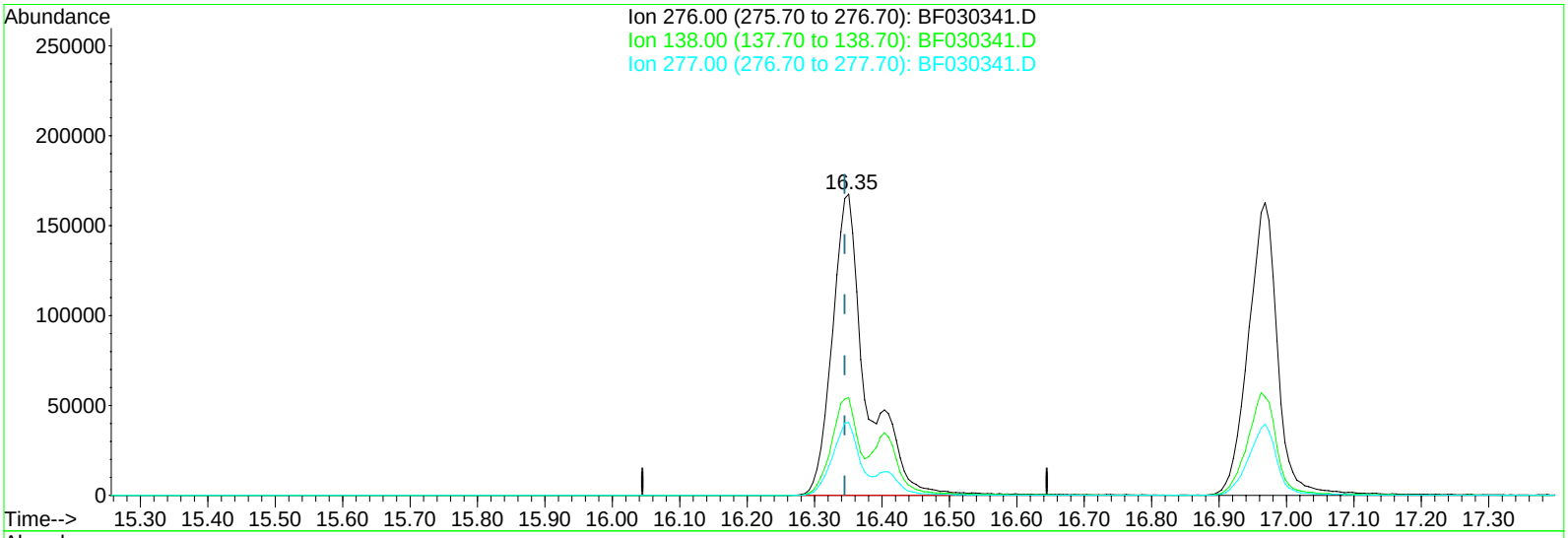
response 483528

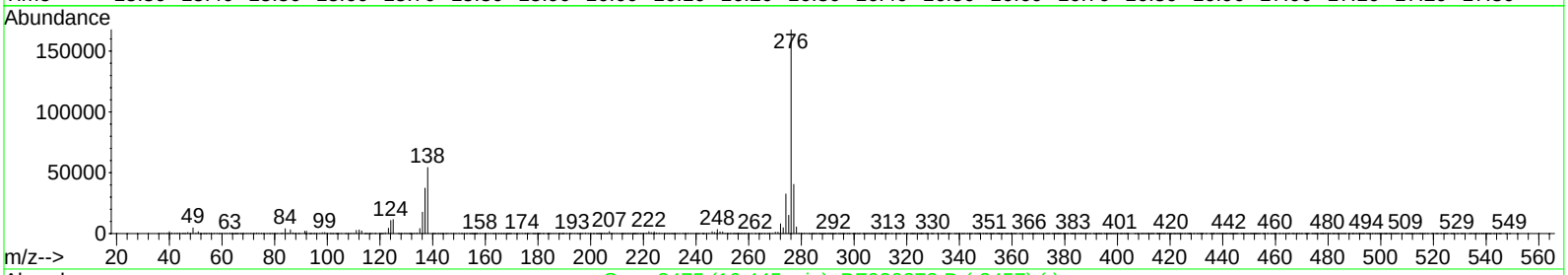
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	30.24
277.00	19.30	23.37#
0.00	0.00	0.00

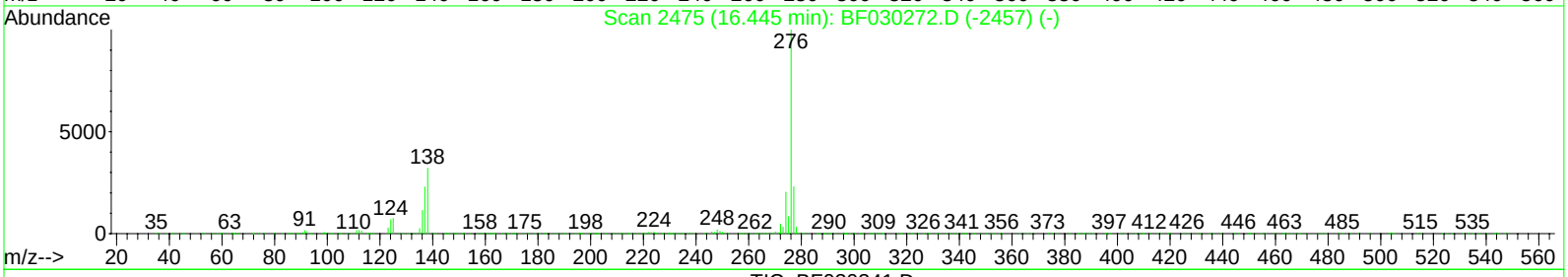
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Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:50:46 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030341.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 40.56ng m

response 586470

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	24.93
277.00	19.30	19.27
0.00	0.00	0.00

501

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:52:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	96413	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	360420	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	186062	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	304135	20.00	ng		0.00
77) Chrysene-d12	12.46	240	259220	20.00	ng		0.00
88) Perylene-d12	14.32	264	226153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	669772	124.02	ng		0.00
7) Phenol-d5	4.43	99	855852	127.48	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	651383	128.63	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	317213	95.92	ng		0.00
25) Nitrobenzene-d5	5.29	82	448870	88.40	ng		0.00
43) 2,4,6-Tribromophenol	8.48	330	155643	134.31	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	933541	100.18	ng		0.00
80) Terphenyl-d14	11.20	244	778118	98.79	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.32	79	185522	26.62	ng	#	81
4) n-Nitrosodimethylamine	2.28	42	83426	39.67	ng	#	75
6) Aniline	4.46	93	307751	32.38	ng		99
8) 2-Chlorophenol	4.58	128	265447	40.71	ng		96
9) Benzaldehyde	4.36	77	29573	10.85	ng		98
10) Phenol	4.44	94	322927	42.31	ng		82
11) bis(2-Chloroethyl)ether	4.53	93	257505	41.05	ng		94
13) 1,3-Dichlorobenzene	4.73	146	280379	39.19	ng		99
14) 1,4-Dichlorobenzene	4.80	146	288127	39.43	ng		97
16) 1,2-Dichlorobenzene	4.94	146	264351	40.67	ng		99
17) Benzyl Alcohol	4.90	79	177145	41.58	ng		95
18) 2,2'-oxybis(1-Chloropropan	5.03	45	359601	41.05	ng		93
19) 2-Methylphenol	5.01	107	205583	41.85	ng		98
20) Hexachloroethane	5.25	117	94229	39.09	ng	#	85
21) n-Nitroso-di-n-propylamine	5.16	70	145412	41.45	ng		92
22) 3+4-Methylphenols	5.15	107	241505	42.57	ng	#	70
24) Acetophenone	5.15	105	295357	40.47	ng	#	94
26) Nitrobenzene	5.31	77	226809	40.50	ng		92
27) Isophorone	5.53	82	458968	41.33	ng		100
28) 2-Nitrophenol	5.60	139	146747	41.27	ng		96
29) 2,4-Dimethylphenol	5.63	122	239198	43.83	ng		98
30) bis(2-Chloroethoxy)methane	5.72	93	293992	41.83	ng		98
31) 2,4-Dichlorophenol	5.81	162	210615	41.53	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	212040	40.31	ng		99
33) Naphthalene	5.96	128	755310	40.90	ng		99
34) Benzoic acid	5.69	122	41416	15.93	ng		97
35) 4-Chloroaniline	6.00	127	213328	28.87	ng		99
36) Hexachlorobutadiene	6.07	225	100617	40.47	ng		100
37) Caprolactam	6.31	113	75989m	39.36	ng		
38) 4-Chloro-3-methylphenol	6.44	107	199663	42.85	ng		97
39) 2-Methylnaphthalene	6.58	142	474876	41.91	ng		99
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	175339	37.91	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030341.D
Acq On : 6 Aug 2009 15:46
Operator : QM
Sample : PB43894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 22:52:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	188014	72.18	ng		100
44) 2,4,6-Trichlorophenol	6.85	196	135699	41.45	ng		98
45) 2,4,5-Trichlorophenol	6.89	196	144227	42.16	ng		97
47) 1,1'-Biphenyl	7.03	154	581990	39.82	ng		98
48) 2-Chloronaphthalene	7.05	162	444695	40.41	ng		99
49) 2-Nitroaniline	7.15	65	111848	41.15	ng		98
50) Acenaphthylene	7.47	152	747378	41.09	ng		98
51) Dimethylphthalate	7.34	163	545829	47.36	ng		100
52) 2,6-Dinitrotoluene	7.40	165	120557	41.88	ng	#	88
53) Acenaphthene	7.66	154	439617	41.24	ng		99
54) 3-Nitroaniline	7.57	138	102893	32.17	ng		100
55) 2,4-Dinitrophenol	7.69	184	102631	63.56	ng		95
56) Dibenzofuran	7.84	168	620463	41.30	ng		99
57) 4-Nitrophenol	7.76	139	210174	91.06	ng		92
58) 2,4-Dinitrotoluene	7.83	165	152494	43.27	ng	#	83
59) Fluorene	8.21	166	461427	41.02	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	113805	42.65	ng		93
61) Diethylphthalate	8.09	149	456648	42.08	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	195785	41.53	ng		99
63) 4-Nitroaniline	8.24	138	134833	42.05	ng		99
64) Azobenzene	8.39	77	437870	40.86	ng		95
66) 4,6-Dinitro-2-methylphenol	8.27	198	79973	43.23	ng		87
67) n-Nitrosodiphenylamine	8.35	169	425354	40.47	ng		97
68) 4-Bromophenyl-phenylether	8.76	248	122416	41.67	ng		98
69) Hexachlorobenzene	8.83	284	126308	41.23	ng		98
70) Atrazine	8.96	200	109734	40.15	ng		96
71) Pentachlorophenol	9.06	266	148389	78.67	ng		97
72) Phenanthrene	9.30	178	692635	41.48	ng		100
73) Anthracene	9.37	178	708917	41.71	ng		98
74) Carbazole	9.56	167	682445	40.83	ng		99
75) Di-n-butylphthalate	9.99	149	794712	42.55	ng		99
76) Fluoranthene	10.72	202	673336	41.71	ng		99
78) Benzidine	10.90	184	186137	25.82	ng		99
79) Pyrene	10.99	202	720314	41.04	ng		99
81) Butylbenzylphthalate	11.81	149	323832	41.60	ng		98
82) Benzo(a)anthracene	12.45	228	588141	41.19	ng		98
83) 3,3'-Dichlorobenzidine	12.43	252	146942	30.58	ng		100
84) Chrysene	12.49	228	571670	39.83	ng		97
85) Bis(2-ethylhexyl)phthalate	12.52	149	461233	42.15	ng		97
86) Di-n-octyl phthalate	13.29	149	774817	42.06	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.35	276	586470m	40.56	ng		
89) Benzo(b)fluoranthene	13.76	252	562603	43.17	ng		99
90) Benzo(k)fluoranthene	13.80	252	550083	40.42	ng		98
91) Benzo(a)pyrene	14.24	252	534038	41.67	ng		99
92) Dibenzo(a,h)anthracene	16.40	278	482784	41.72	ng		98
93) Benzo(g,h,i)perylene	16.97	276	489531	41.49	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919BS

Sample wt/vol: 30.02 (g/mL) g Lab File ID: BF030383.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	380	
108-95-2	Phenol	1400	
111-44-4	bis(2-Chloroethyl)ether	1400	
95-57-8	2-Chlorophenol	1400	
95-48-7	2-Methylphenol	1400	
108-60-1	2,2-oxybis(1-Chloropropane)	1400	
98-86-2	Acetophenone	1400	
65794-96-9	3+4-Methylphenols	1400	
621-64-7	N-Nitroso-di-n-propylamine	1400	
67-72-1	Hexachloroethane	1300	
98-95-3	Nitrobenzene	1400	
78-59-1	Isophorone	1400	
88-75-5	2-Nitrophenol	1400	
105-67-9	2,4-Dimethylphenol	1500	
111-91-1	bis(2-Chloroethoxy)methane	1500	
120-83-2	2,4-Dichlorophenol	1400	
91-20-3	Naphthalene	1400	
106-47-8	4-Chloroaniline	950	
87-68-3	Hexachlorobutadiene	1400	
105-60-2	Caprolactam	1300	
59-50-7	4-Chloro-3-methylphenol	1500	
91-57-6	2-Methylnaphthalene	1400	
77-47-4	Hexachlorocyclopentadiene	2400	
88-06-2	2,4,6-Trichlorophenol	1400	
95-95-4	2,4,5-Trichlorophenol	1400	
92-52-4	1,1-Biphenyl	1400	
91-58-7	2-Chloronaphthalene	1400	
88-74-4	2-Nitroaniline	1400	
131-11-3	Dimethylphthalate	1600	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919BS

Sample wt/vol: 30.02 (g/mL) g Lab File ID: BF030383.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1400	
606-20-2	2,6-Dinitrotoluene	1400	
99-09-2	3-Nitroaniline	1100	
83-32-9	Acenaphthene	1400	
51-28-5	2,4-Dinitrophenol	1900	
100-02-7	4-Nitrophenol	3000	E
132-64-9	Dibenzofuran	1400	
121-14-2	2,4-Dinitrotoluene	1500	
84-66-2	Diethylphthalate	1500	
7005-72-3	4-Chlorophenyl-phenylether	1400	
86-73-7	Fluorene	1400	
100-01-6	4-Nitroaniline	1400	
534-52-1	4,6-Dinitro-2-methylphenol	1400	
86-30-6	N-Nitrosodiphenylamine	1400	
101-55-3	4-Bromophenyl-phenylether	1400	
118-74-1	Hexachlorobenzene	1400	
1912-24-9	Atrazine	1400	
87-86-5	Pentachlorophenol	2700	E
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	1400	
86-74-8	Carbazole	1400	
84-74-2	Di-n-butylphthalate	1500	
206-44-0	Fluoranthene	1400	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1500	
91-94-1	3,3-Dichlorobenzidine	1200	
56-55-3	Benzo(a)anthracene	1400	
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	1500	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919BS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919BS

Sample wt/vol: 30.02 (g/mL) g Lab File ID: BF030383.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

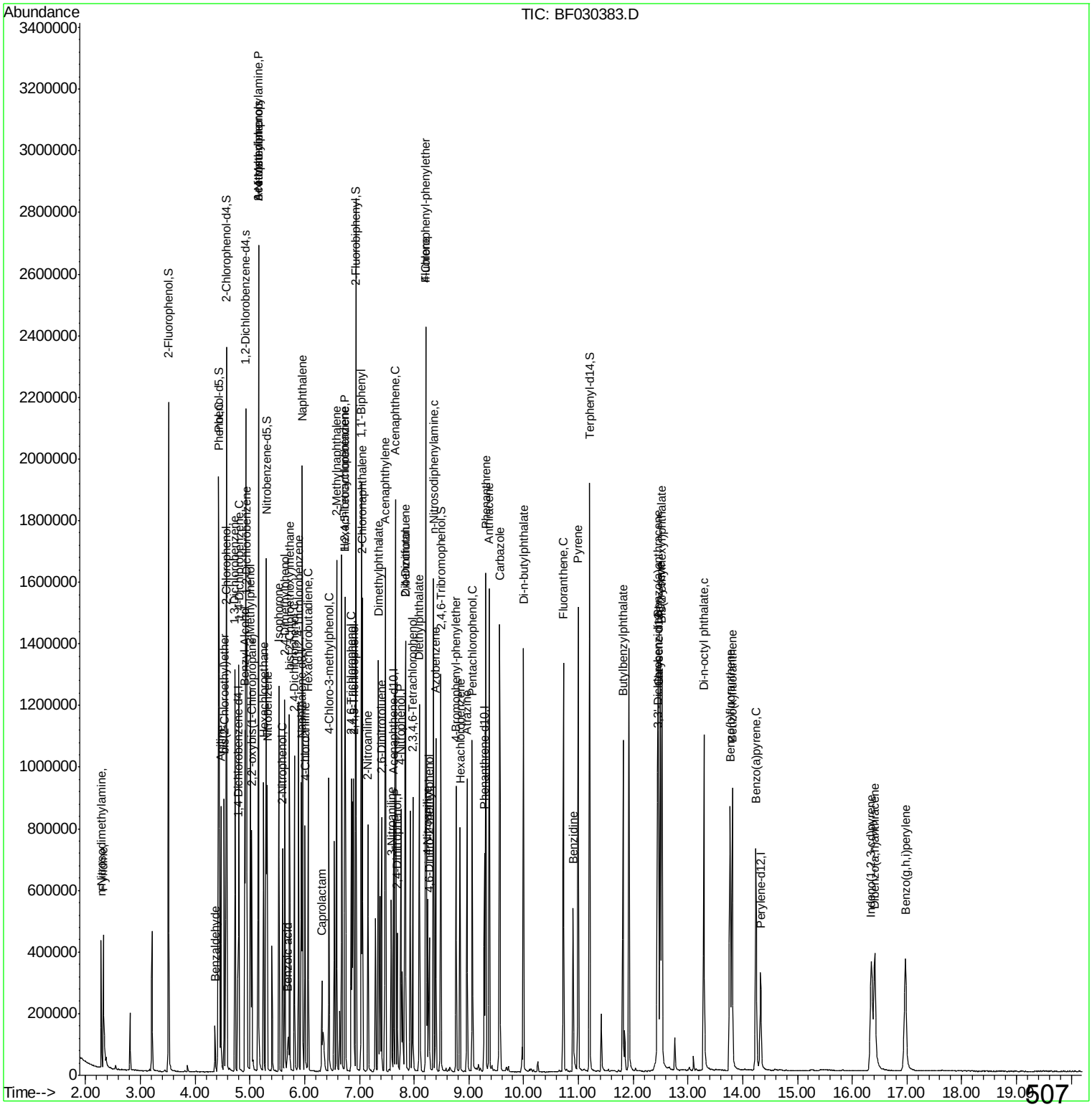
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1500	
205-99-2	Benzo(b)fluoranthene	1500	
207-08-9	Benzo(k)fluoranthene	1600	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	
53-70-3	Dibenz(a,h)anthracene	1300	
191-24-2	Benzo(g,h,i)perylene	1400	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

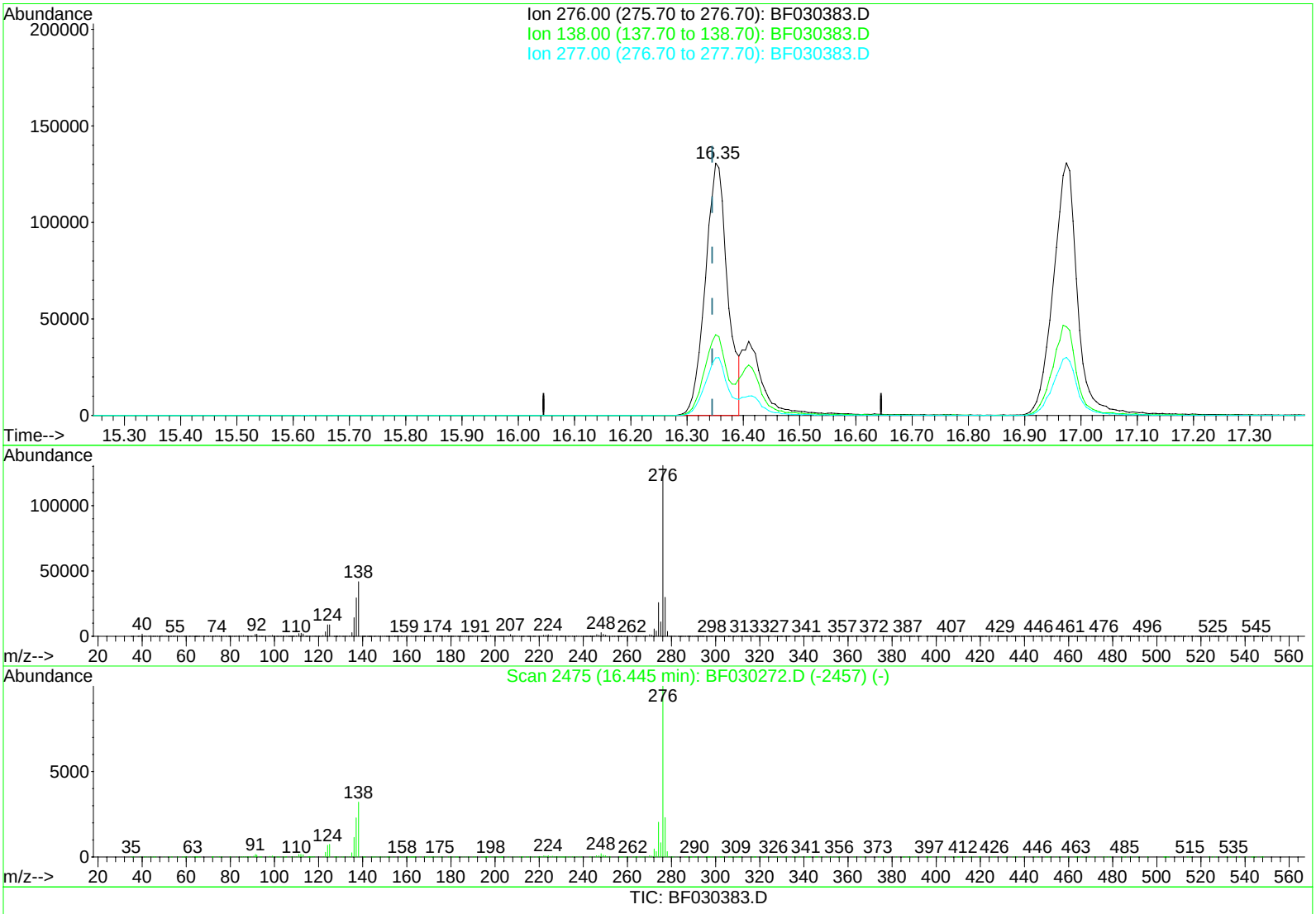
Quant Time: Aug 07 23:49:34 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030383.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 28.04ng

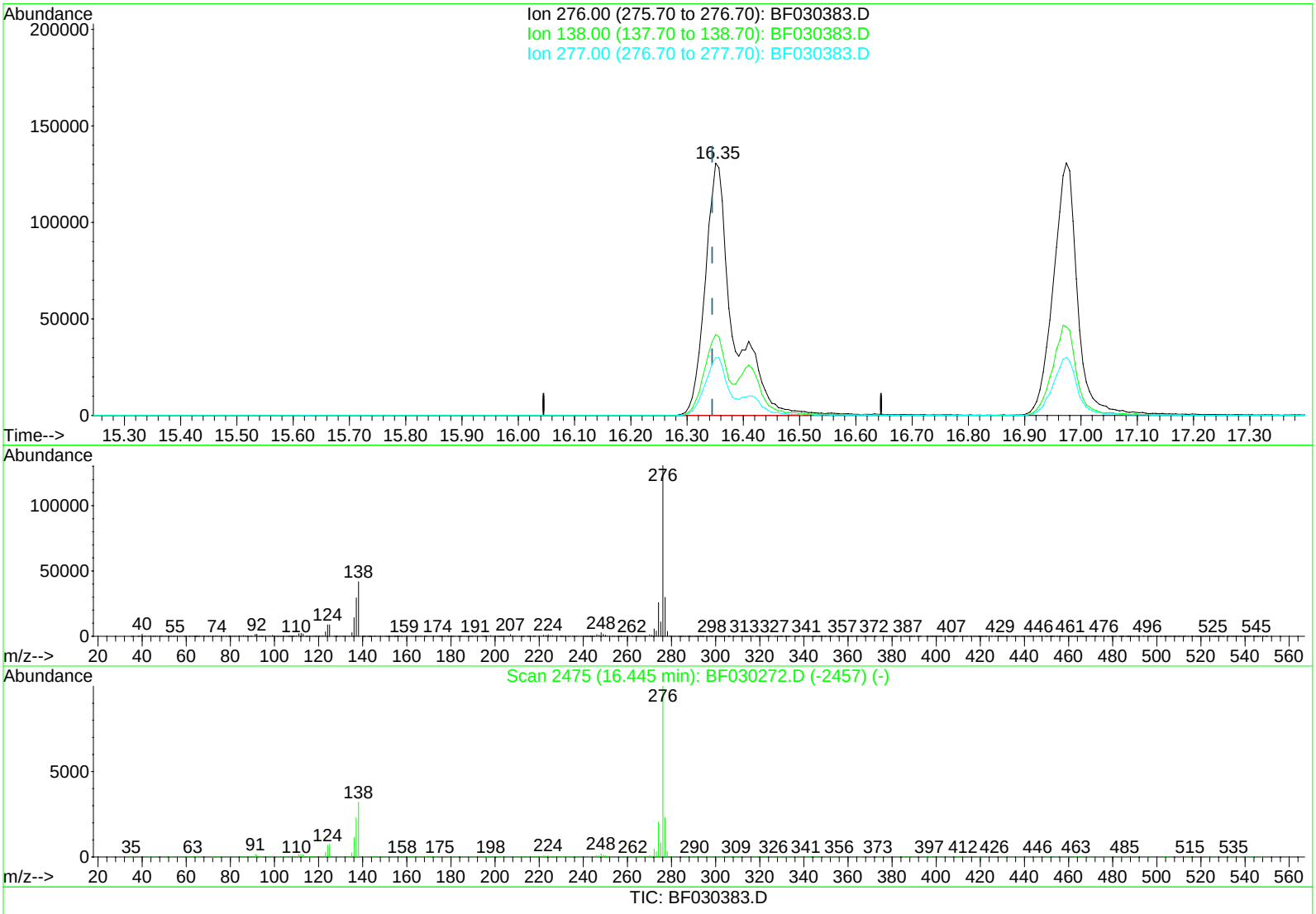
response 358227

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	33.07#
277.00	19.30	23.53#
0.00	0.00	0.00

508

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030383.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 35.62ng m

response 455157

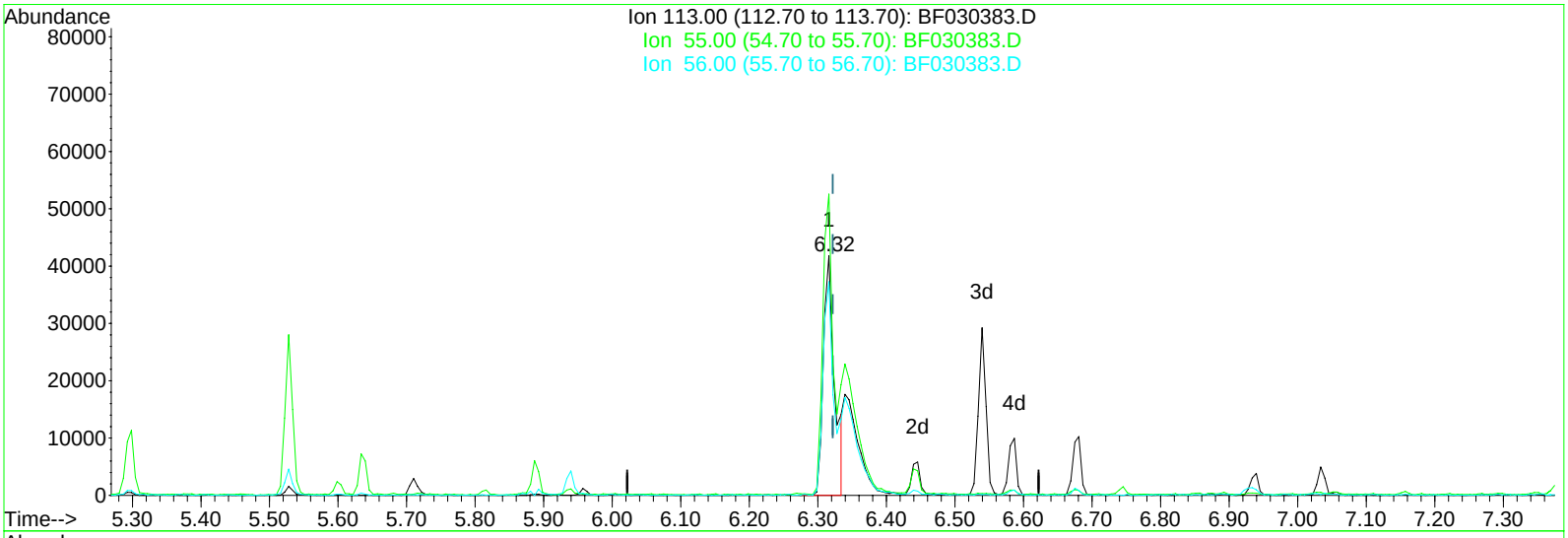
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	26.02
277.00	19.30	18.52
0.00	0.00	0.00

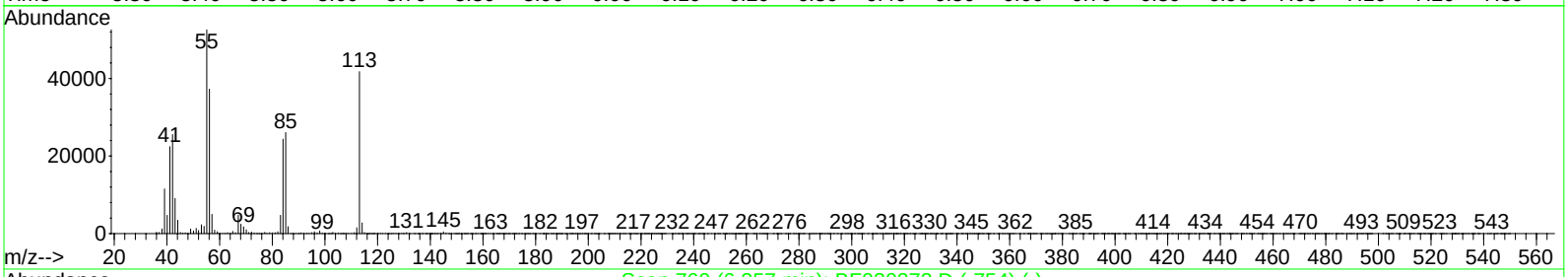
509

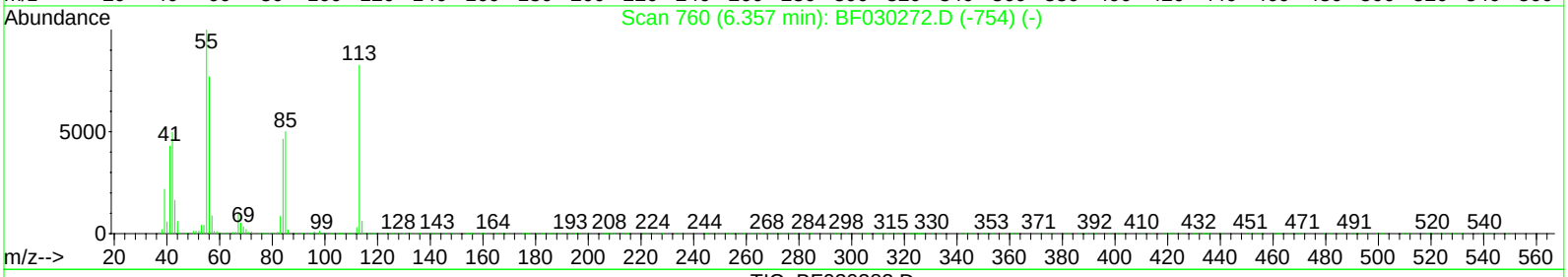
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030383.D

(37) Caprolactam

6.316min (-0.006) 25.24ng

response 46741

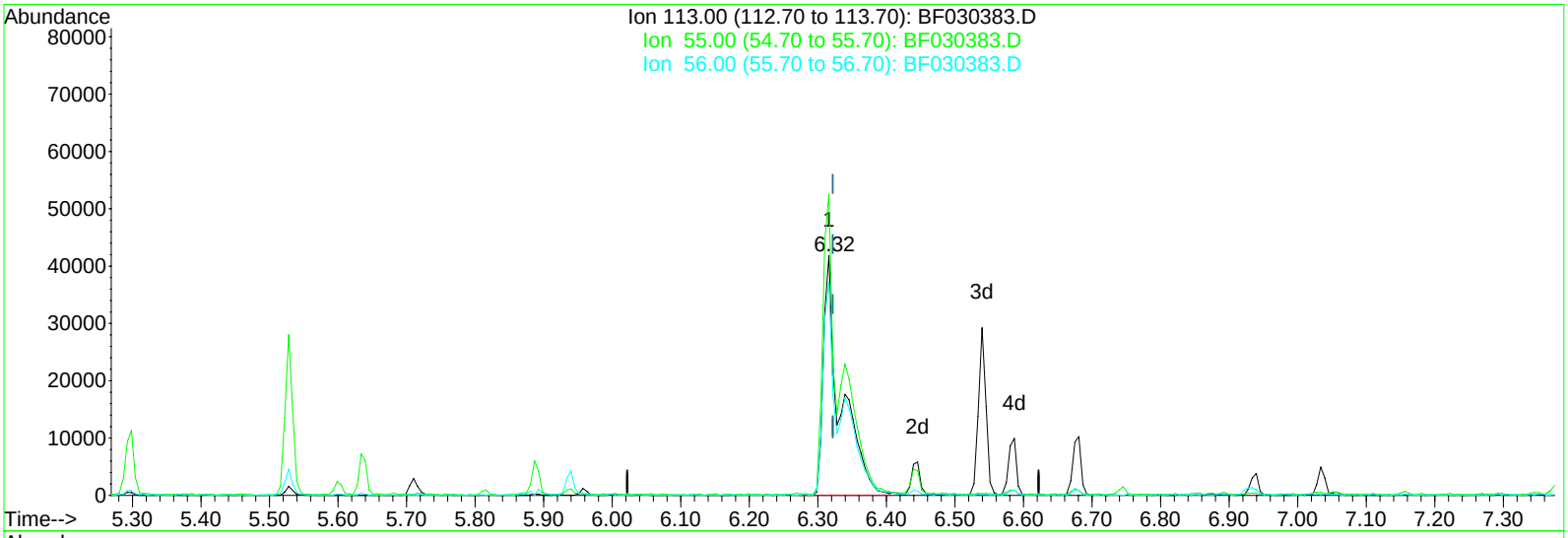
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	125.77#
56.00	111.10	89.15#
0.00	0.00	0.00

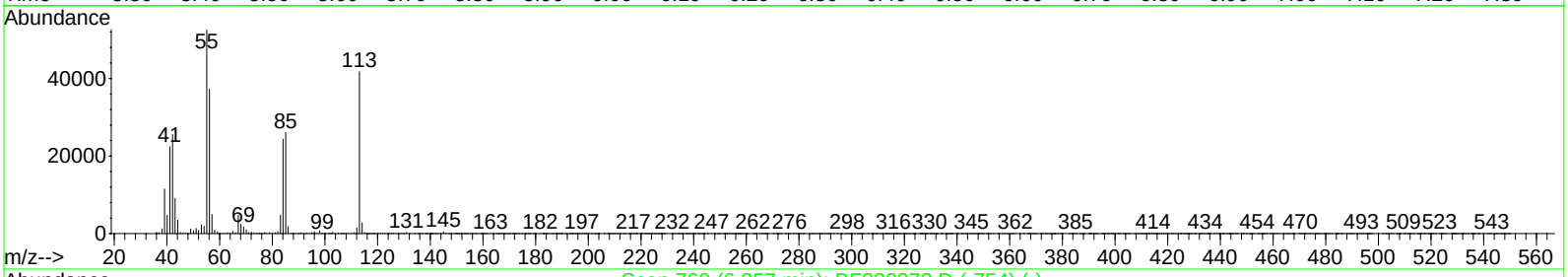
510

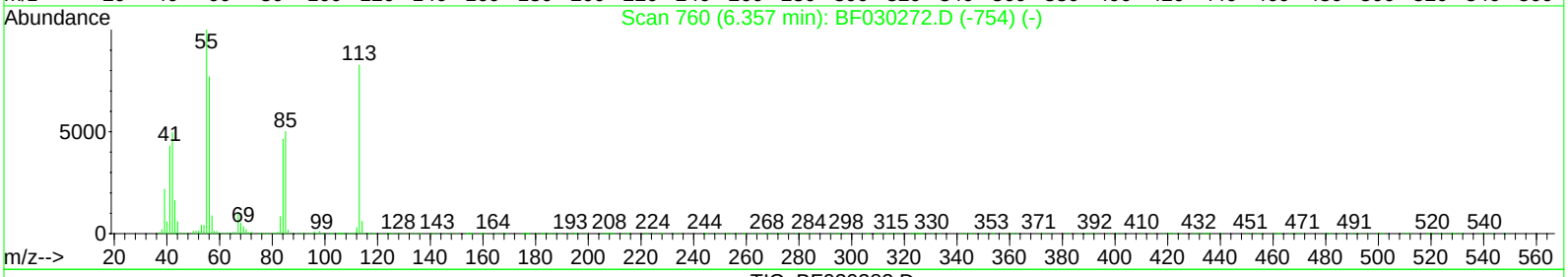
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030383.D

(37) Caprolactam

6.316min (-0.006) 39.77ng m

response 73651

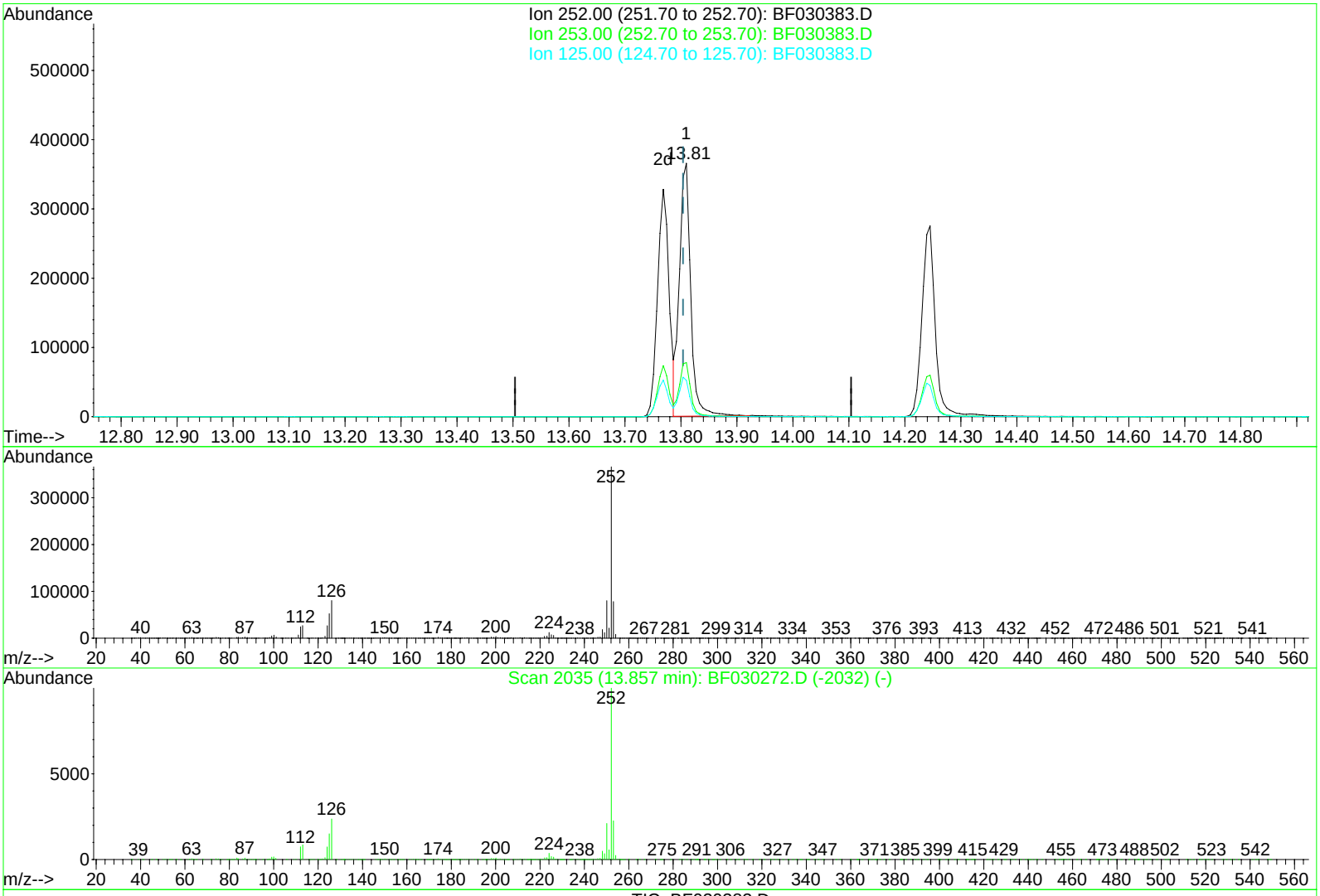
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	125.77#
56.00	111.10	89.15#
0.00	0.00	0.00

511

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030383.D

(90) Benzo(k)fluoranthene

13.810min (+0.006) 46.21ng

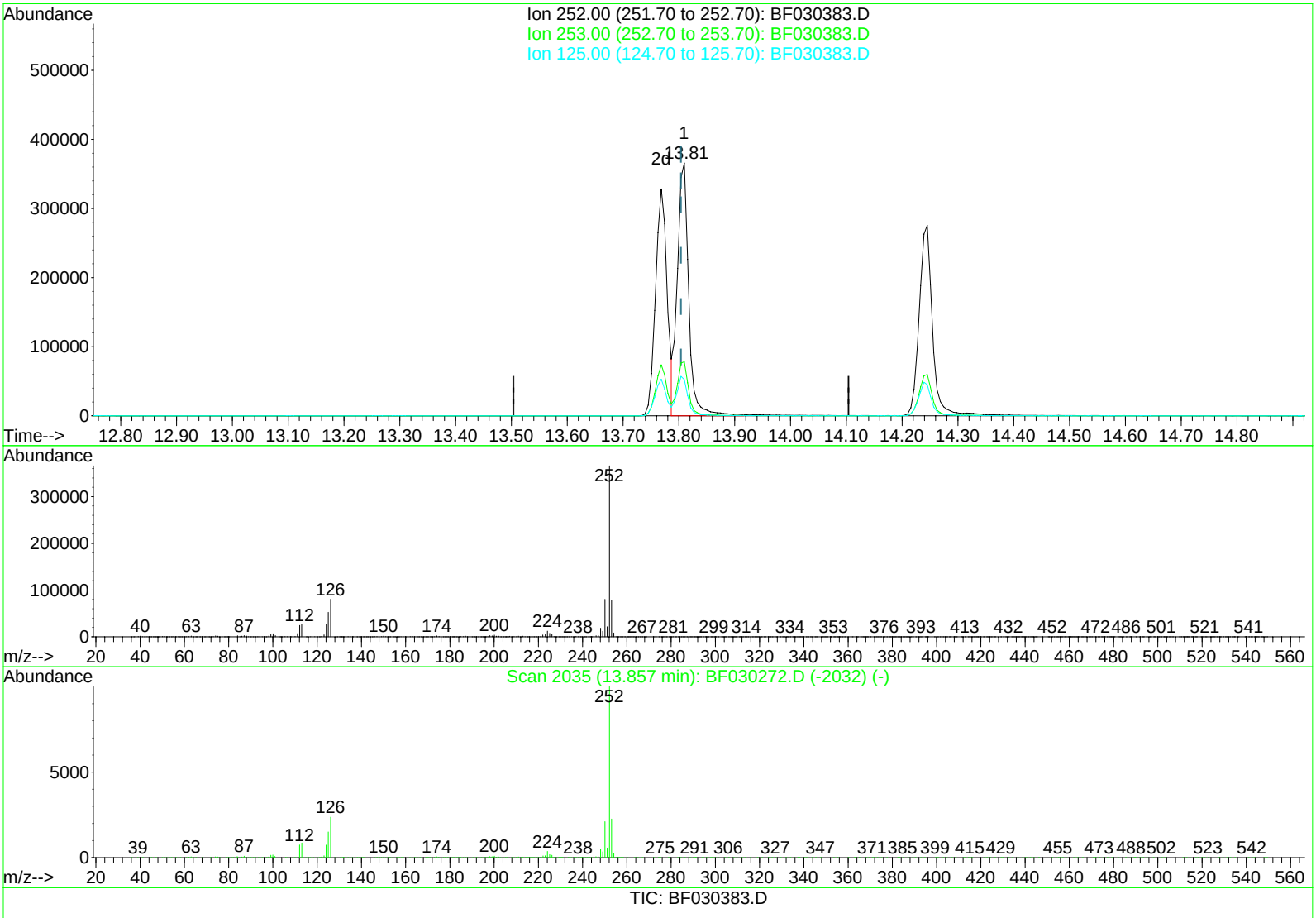
response 510271

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.35
125.00	16.20	14.33
0.00	0.00	0.00

512

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:44:52 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030383.D

(90) Benzo(k)fluoranthene

13.810min (+0.006) 46.96ng m

response 518545

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.35
125.00	16.20	14.33
0.00	0.00	0.00

513

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:49:34 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	94770	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	345701	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	178499	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	284765	20.00	ng		0.00
77) Chrysene-d12	12.47	240	229082	20.00	ng		0.00
88) Perylene-d12	14.33	264	183504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.52	112	673075	126.79	ng		0.00
7) Phenol-d5	4.43	99	855833	129.69	ng		0.00
12) 2-Chlorophenol-d4	4.57	132	657569	132.10	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	318168	97.88	ng		0.00
25) Nitrobenzene-d5	5.30	82	450444	92.48	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	147701	132.86	ng		0.00
46) 2-Fluorobiphenyl	6.94	172	915054	102.36	ng		0.00
80) Terphenyl-d14	11.20	244	734625	105.54	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.32	79	174506	25.47	ng	#	80
4) n-Nitrosodimethylamine	2.29	42	87203	42.19	ng	#	74
6) Aniline	4.47	93	318128	34.06	ng		99
8) 2-Chlorophenol	4.58	128	265907	41.49	ng		99
9) Benzaldehyde	4.36	77	30675	11.45	ng		93
10) Phenol	4.44	94	317810	42.37	ng		87
11) bis(2-Chloroethyl)ether	4.53	93	255388	41.42	ng		91
13) 1,3-Dichlorobenzene	4.73	146	286202	40.70	ng		97
14) 1,4-Dichlorobenzene	4.80	146	289404	40.29	ng		98
16) 1,2-Dichlorobenzene	4.94	146	268470	42.02	ng		99
17) Benzyl Alcohol	4.91	79	175592	41.93	ng		100
18) 2,2'-oxybis(1-Chloropropan	5.03	45	364521	42.34	ng		94
19) 2-Methylphenol	5.01	107	203083	42.06	ng		98
20) Hexachloroethane	5.25	117	95129	40.15	ng	#	87
21) n-Nitroso-di-n-propylamine	5.16	70	145575	42.21	ng		93
22) 3+4-Methylphenols	5.15	107	233734	41.91	ng	#	70
24) Acetophenone	5.16	105	295314	42.19	ng	#	97
26) Nitrobenzene	5.32	77	228303	42.50	ng		97
27) Isophorone	5.53	82	463337	43.50	ng		98
28) 2-Nitrophenol	5.60	139	146486	42.95	ng		98
29) 2,4-Dimethylphenol	5.64	122	234747	44.84	ng		98
30) bis(2-Chloroethoxy)methane	5.72	93	295226	43.80	ng		98
31) 2,4-Dichlorophenol	5.82	162	207484	42.65	ng		95
32) 1,2,4-Trichlorobenzene	5.89	180	212530	42.13	ng		98
33) Naphthalene	5.96	128	756385	42.70	ng		98
34) Benzoic acid	5.70	122	40483	16.11	ng		93
35) 4-Chloroaniline	6.00	127	202688	28.60	ng		99
36) Hexachlorobutadiene	6.07	225	100150	42.00	ng		100
37) Caprolactam	6.32	113	73651m	39.77	ng		
38) 4-Chloro-3-methylphenol	6.45	107	196851	44.05	ng		98
39) 2-Methylnaphthalene	6.59	142	470387	43.28	ng		98
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	173513	39.10	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030383.D
Acq On : 7 Aug 2009 16:17
Operator : QM
Sample : PB43919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 23:49:34 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	182823	73.16	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	130885	41.68	ng		100
45) 2,4,5-Trichlorophenol	6.89	196	138913	42.33	ng		97
47) 1,1'-Biphenyl	7.03	154	577552	41.19	ng		98
48) 2-Chloronaphthalene	7.06	162	434926	41.20	ng		99
49) 2-Nitroaniline	7.16	65	112496	43.14	ng		95
50) Acenaphthylene	7.47	152	737221	42.25	ng		99
51) Dimethylphthalate	7.35	163	536672	48.54	ng		99
52) 2,6-Dinitrotoluene	7.40	165	118885	43.04	ng		97
53) Acenaphthene	7.66	154	426554	41.71	ng		99
54) 3-Nitroaniline	7.58	138	103962	33.88	ng		98
55) 2,4-Dinitrophenol	7.69	184	87640	57.50	ng		92
56) Dibenzofuran	7.85	168	604314	41.93	ng		99
57) 4-Nitrophenol	7.76	139	201487	91.00	ng		91
58) 2,4-Dinitrotoluene	7.83	165	149316	44.16	ng	#	83
59) Fluorene	8.22	166	449517	41.65	ng		99
60) 2,3,4,6-Tetrachlorophenol	7.97	232	109775	42.88	ng	#	94
61) Diethylphthalate	8.10	149	461913	44.37	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	189434	41.88	ng		91
63) 4-Nitroaniline	8.25	138	128938	41.92	ng		94
64) Azobenzene	8.39	77	434827	42.30	ng		94
66) 4,6-Dinitro-2-methylphenol	8.27	198	71030	41.01	ng		96
67) n-Nitrosodiphenylamine	8.35	169	420424	42.72	ng		97
68) 4-Bromophenyl-phenylether	8.77	248	118191	42.97	ng		97
69) Hexachlorobenzene	8.84	284	121068	42.21	ng		94
70) Atrazine	8.97	200	107907	42.16	ng		99
71) Pentachlorophenol	9.06	266	141789	80.28	ng		97
72) Phenanthrene	9.31	178	666641	42.64	ng		99
73) Anthracene	9.37	178	679208	42.68	ng		100
74) Carbazole	9.56	167	656042	41.92	ng		100
75) Di-n-butylphthalate	10.00	149	774133	44.27	ng		99
76) Fluoranthene	10.73	202	637122	42.15	ng		98
78) Benzidine	10.90	184	265330	41.64	ng		99
79) Pyrene	11.00	202	679207	43.79	ng		100
81) Butylbenzylphthalate	11.82	149	311253	45.25	ng		94
82) Benzo(a)anthracene	12.46	228	538087	42.64	ng		99
83) 3,3'-Dichlorobenzidine	12.44	252	156814	36.92	ng		99
84) Chrysene	12.50	228	547923	43.20	ng		99
85) Bis(2-ethylhexyl)phthalate	12.53	149	436718	45.16	ng		97
86) Di-n-octyl phthalate	13.29	149	727190	44.67	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.35	276	455157m	35.62	ng		
89) Benzo(b)fluoranthene	13.77	252	470505	44.50	ng		98
90) Benzo(k)fluoranthene	13.81	252	518545m	46.96	ng		
91) Benzo(a)pyrene	14.24	252	446204	42.91	ng		99
92) Dibenzo(a,h)anthracene	16.42	278	375100	39.95	ng		99
93) Benzo(g,h,i)perylene	16.97	276	390882	40.83	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-02MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030343.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	450	
108-95-2	Phenol	1800	
111-44-4	bis(2-Chloroethyl)ether	1700	
95-57-8	2-Chlorophenol	1700	
95-48-7	2-Methylphenol	1700	
108-60-1	2,2-oxybis(1-Chloropropane)	1700	
98-86-2	Acetophenone	1600	
65794-96-9	3+4-Methylphenols	1700	
621-64-7	N-Nitroso-di-n-propylamine	1700	
67-72-1	Hexachloroethane	1600	
98-95-3	Nitrobenzene	1700	
78-59-1	Isophorone	1700	
88-75-5	2-Nitrophenol	1700	
105-67-9	2,4-Dimethylphenol	1800	
111-91-1	bis(2-Chloroethoxy)methane	1700	
120-83-2	2,4-Dichlorophenol	1700	
91-20-3	Naphthalene	1700	
106-47-8	4-Chloroaniline	1400	
87-68-3	Hexachlorobutadiene	1600	
105-60-2	Caprolactam	1700	
59-50-7	4-Chloro-3-methylphenol	1700	
91-57-6	2-Methylnaphthalene	1700	
77-47-4	Hexachlorocyclopentadiene	3000	
88-06-2	2,4,6-Trichlorophenol	1600	
95-95-4	2,4,5-Trichlorophenol	1700	
92-52-4	1,1-Biphenyl	1600	
91-58-7	2-Chloronaphthalene	1600	
88-74-4	2-Nitroaniline	1700	
131-11-3	Dimethylphthalate	2000	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-02MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030343.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1600	
606-20-2	2,6-Dinitrotoluene	1700	
99-09-2	3-Nitroaniline	1500	
83-32-9	Acenaphthene	1600	
51-28-5	2,4-Dinitrophenol	2600	
100-02-7	4-Nitrophenol	3800	E
132-64-9	Dibenzofuran	1600	
121-14-2	2,4-Dinitrotoluene	1700	
84-66-2	Diethylphthalate	1700	
7005-72-3	4-Chlorophenyl-phenylether	1600	
86-73-7	Fluorene	1600	
100-01-6	4-Nitroaniline	1700	
534-52-1	4,6-Dinitro-2-methylphenol	1900	
86-30-6	N-Nitrosodiphenylamine	1600	
101-55-3	4-Bromophenyl-phenylether	1700	
118-74-1	Hexachlorobenzene	1700	
1912-24-9	Atrazine	1700	
87-86-5	Pentachlorophenol	3300	E
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	1700	
86-74-8	Carbazole	1700	
84-74-2	Di-n-butylphthalate	1700	
206-44-0	Fluoranthene	1700	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1700	
91-94-1	3,3-Dichlorobenzidine	1400	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-02MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030343.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

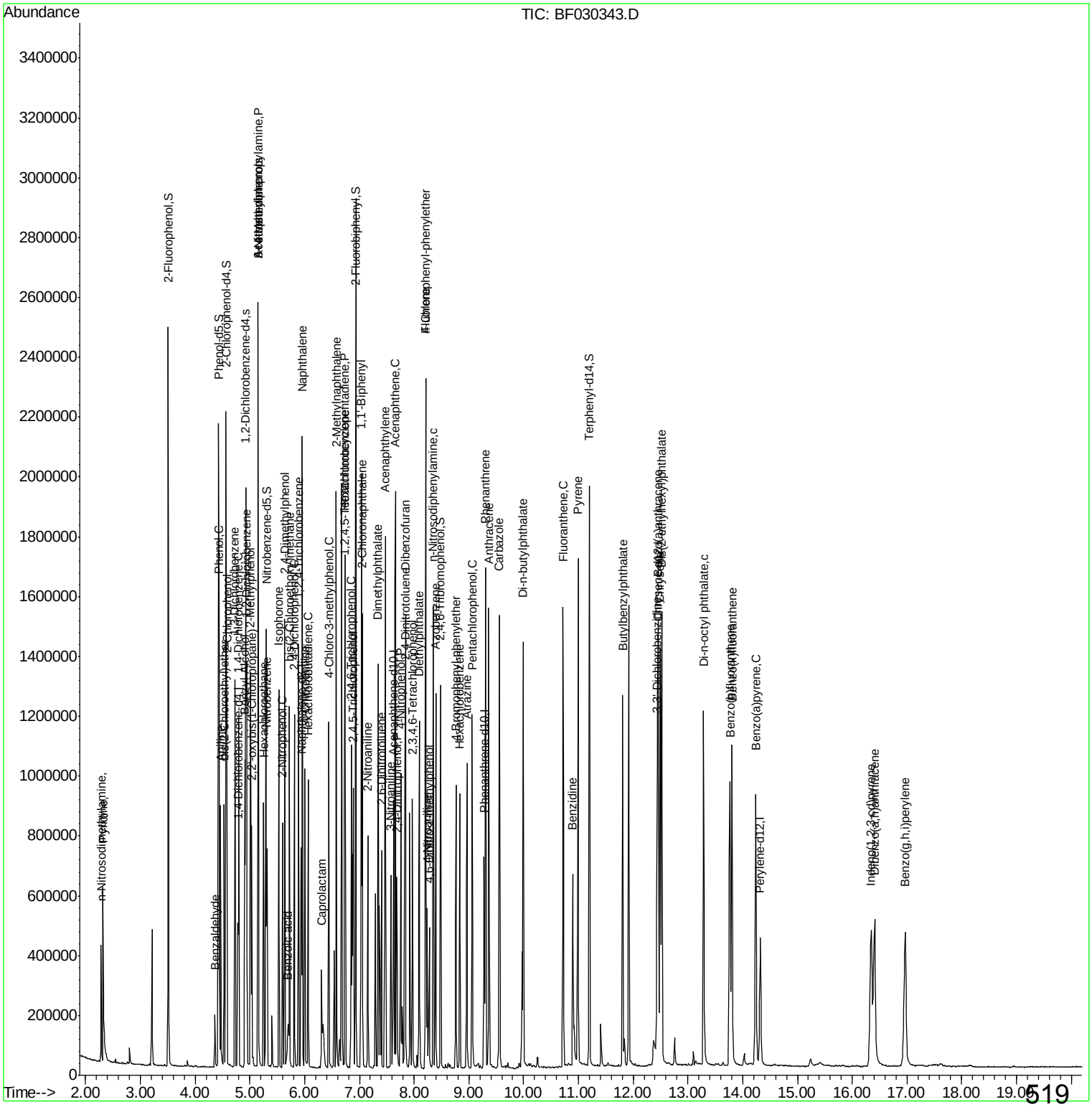
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1700	
205-99-2	Benzo(b)fluoranthene	1700	
207-08-9	Benzo(k)fluoranthene	1600	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	1600	
53-70-3	Dibenz(a,h)anthracene	1600	
191-24-2	Benzo(g,h,i)perylene	1600	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

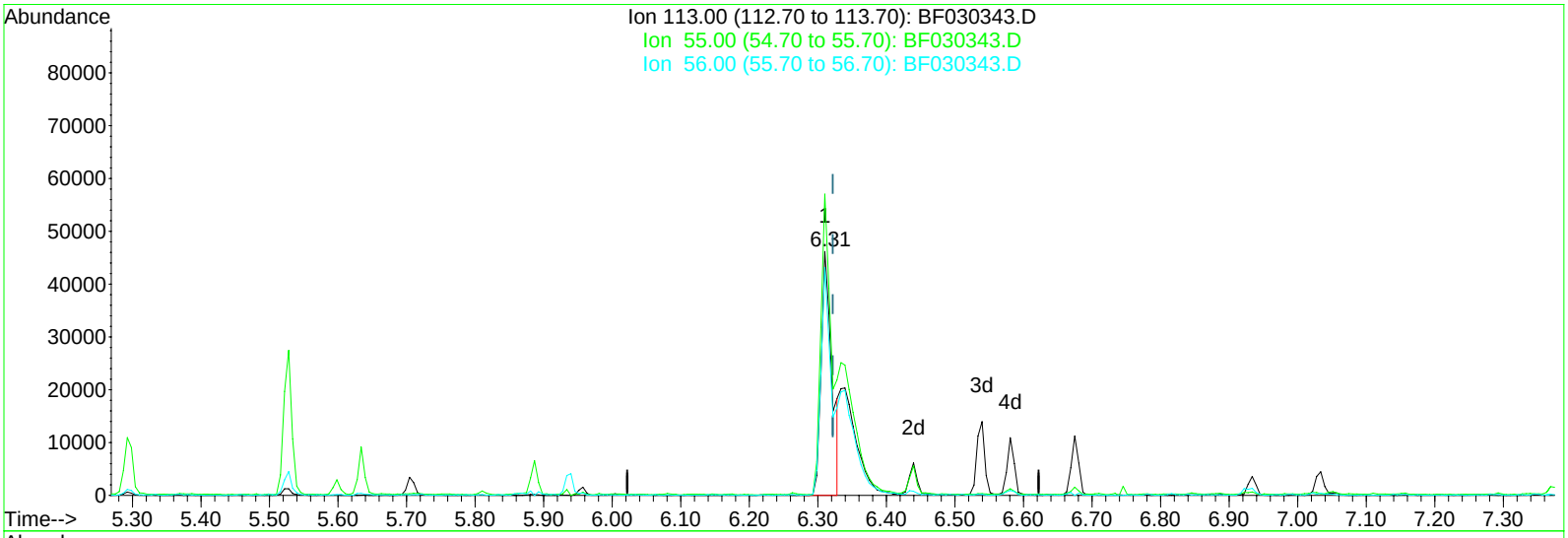
Quant Time: Aug 06 23:04:00 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

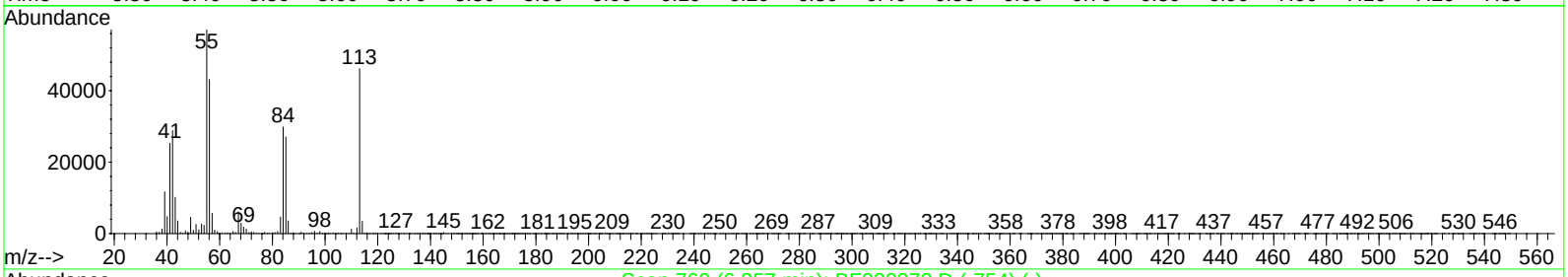


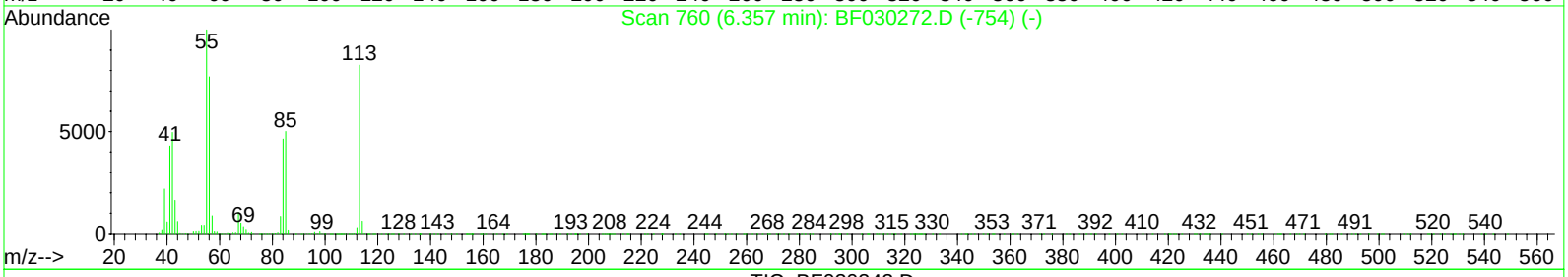
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:01:32 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030343.D

(37) Caprolactam

6.310min (-0.012) 25.05ng

response 49766

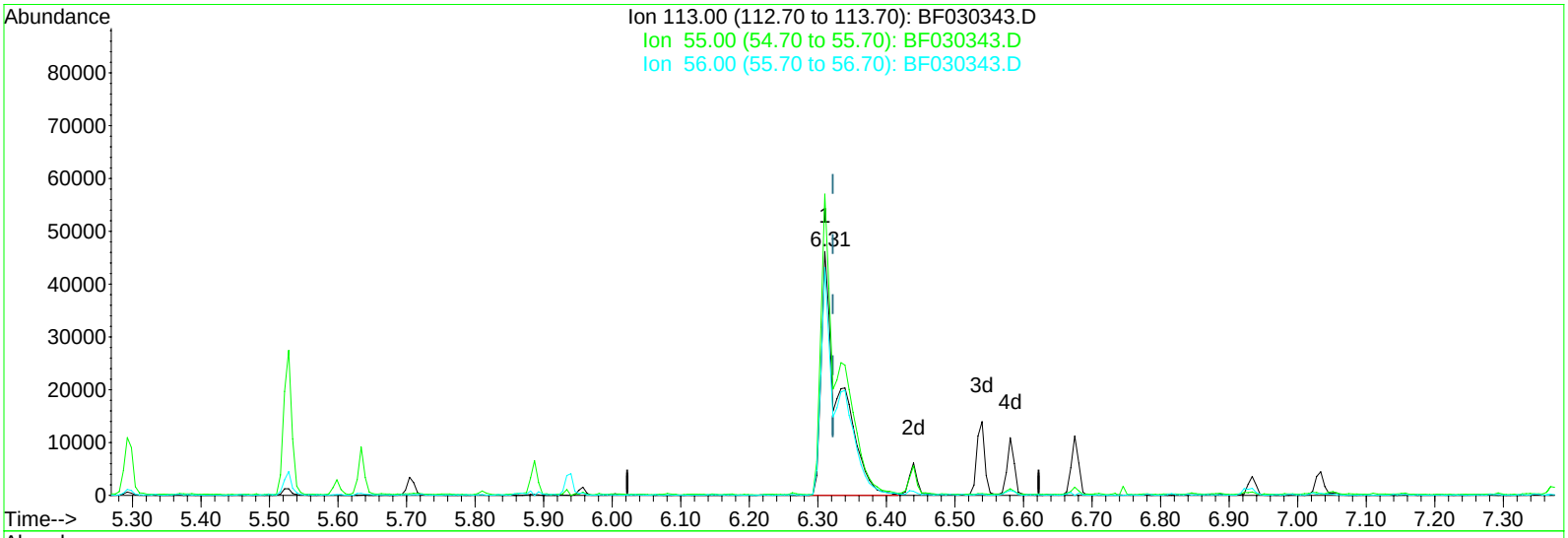
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	123.52#
56.00	111.10	93.43
0.00	0.00	0.00

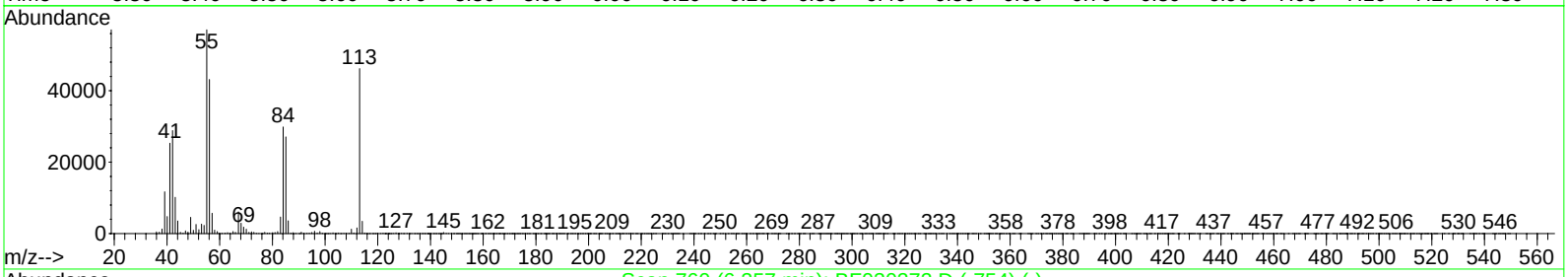
520

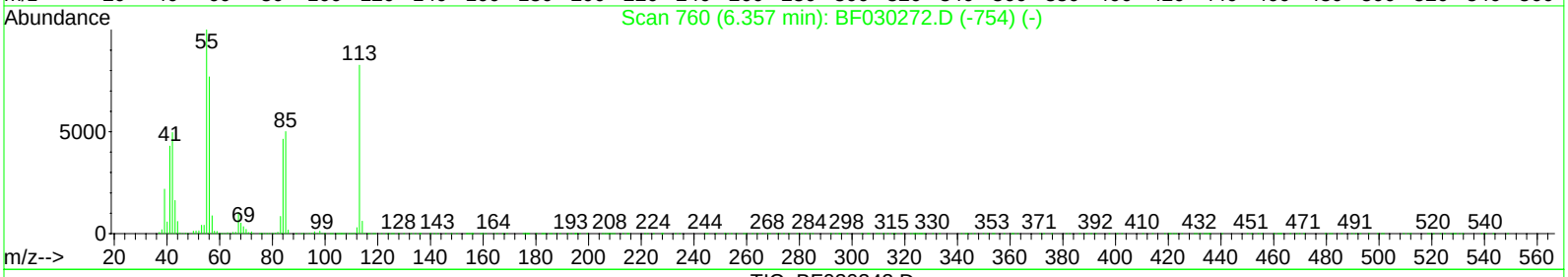
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:01:32 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030343.D

(37) Caprolactam

6.310min (-0.012) 42.88ng m

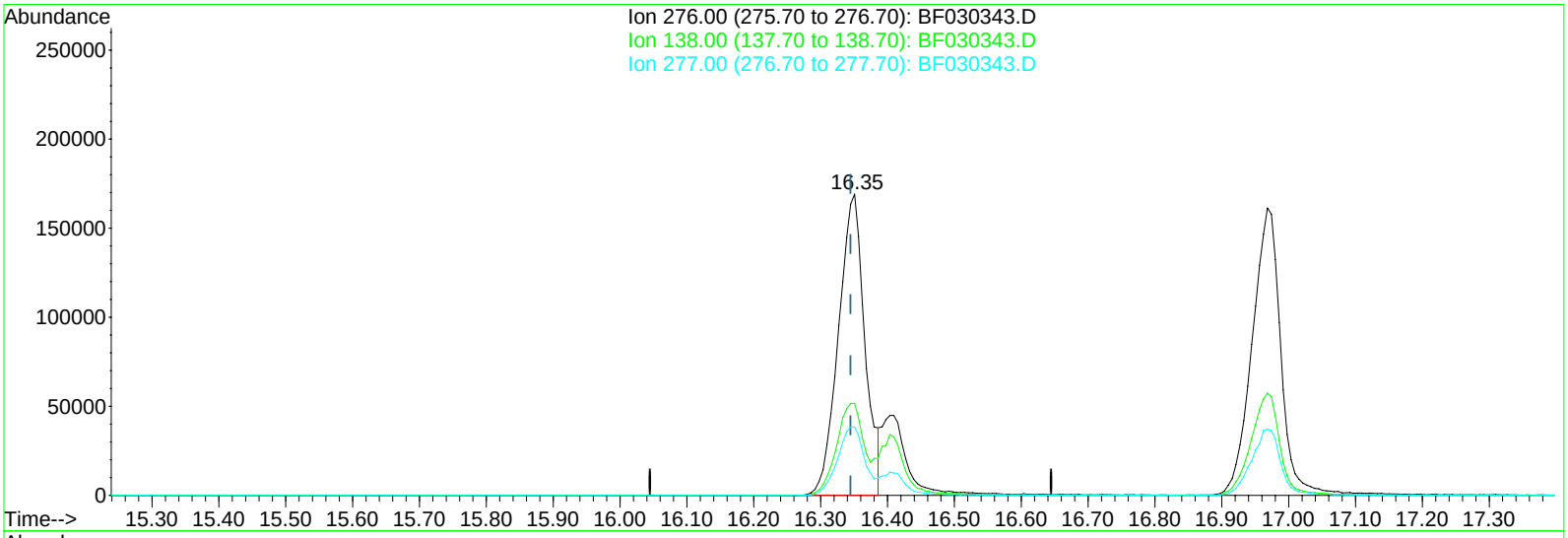
response 85194

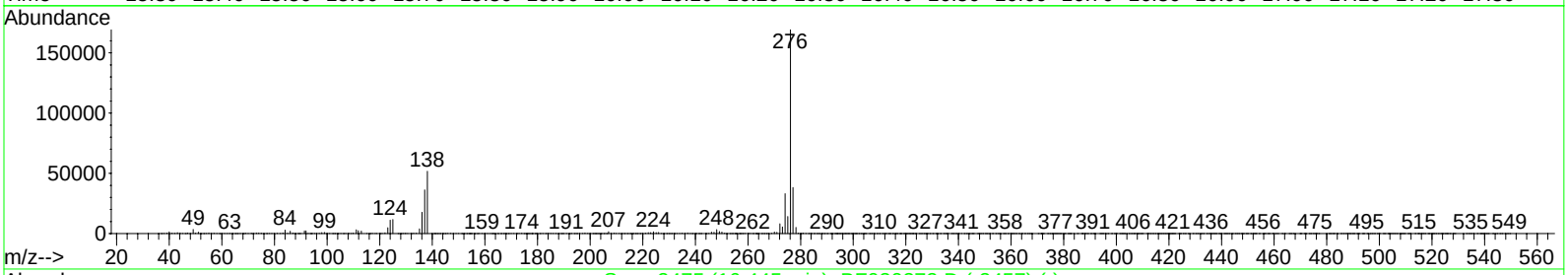
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	123.52#
56.00	111.10	93.43
0.00	0.00	0.00

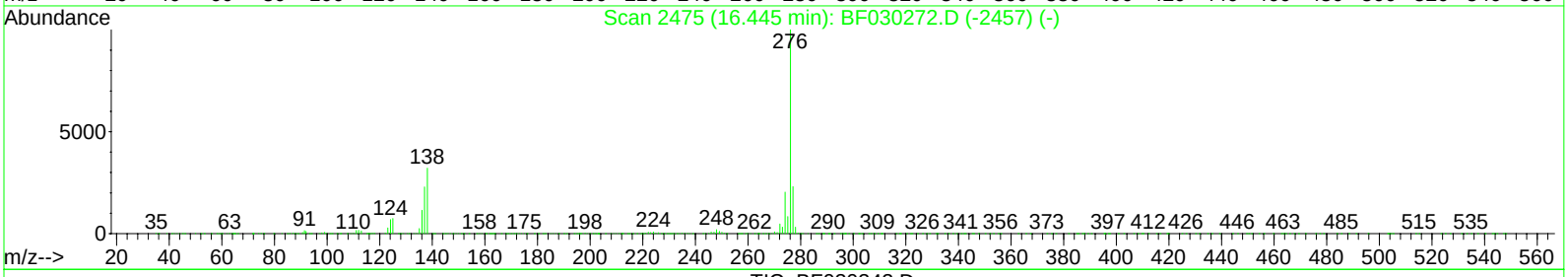
521

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:01:32 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030343.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 31.10ng

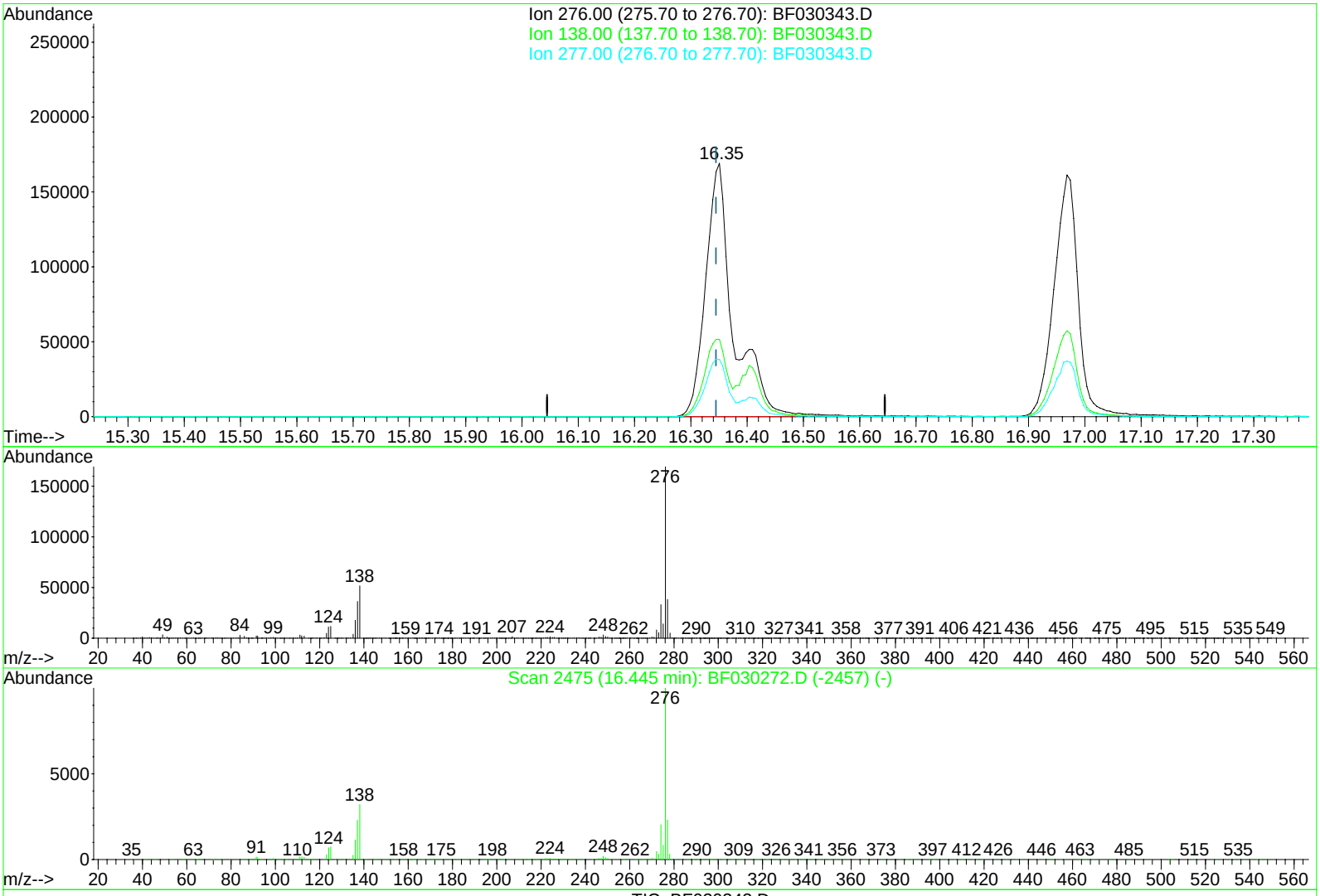
response 463276

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.12
277.00	19.30	23.81#
0.00	0.00	0.00

522

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:01:32 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030343.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 38.56ng m

response 574476

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	25.09
277.00	19.30	19.20
0.00	0.00	0.00

523

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:04:00 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	99908	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	370881	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	194374	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	313467	20.00	ng		0.00
77) Chrysene-d12	12.46	240	267063	20.00	ng		0.00
88) Perylene-d12	14.32	264	239364	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	701690	125.38	ng		0.00
7) Phenol-d5	4.43	99	893893	128.49	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	679721	129.53	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	316249	92.29	ng		0.00
25) Nitrobenzene-d5	5.29	82	463304	88.66	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	159454	131.72	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	914551	93.95	ng		0.00
80) Terphenyl-d14	11.20	244	773695	95.35	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.32	79	235000	32.54	ng	#	82
4) n-Nitrosodimethylamine	2.29	42	87206	40.02	ng	#	56
6) Aniline	4.46	93	363793	36.94	ng		99
8) 2-Chlorophenol	4.58	128	282687	41.84	ng		97
9) Benzaldehyde	4.36	77	31165	11.04	ng		96
10) Phenol	4.44	94	342553	43.32	ng		84
11) bis(2-Chloroethyl)ether	4.53	93	268560	41.31	ng		94
13) 1,3-Dichlorobenzene	4.73	146	292511	39.46	ng		99
14) 1,4-Dichlorobenzene	4.80	146	299445	39.55	ng		96
16) 1,2-Dichlorobenzene	4.94	146	279627	41.52	ng		99
17) Benzyl Alcohol	4.90	79	186746	42.30	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.03	45	375551	41.38	ng		94
19) 2-Methylphenol	5.01	107	214993	42.24	ng		98
20) Hexachloroethane	5.25	117	96025	38.45	ng	#	83
21) n-Nitroso-di-n-propylamine	5.16	70	148172	40.76	ng		95
22) 3+4-Methylphenols	5.15	107	251158	42.72	ng	#	70
24) Acetophenone	5.16	105	304757	40.58	ng	#	96
26) Nitrobenzene	5.31	77	236533	41.04	ng		92
27) Isophorone	5.53	82	478886	41.91	ng		99
28) 2-Nitrophenol	5.60	139	153711	42.01	ng		97
29) 2,4-Dimethylphenol	5.63	122	242891	43.25	ng		97
30) bis(2-Chloroethoxy)methane	5.72	93	307068	42.46	ng		98
31) 2,4-Dichlorophenol	5.81	162	219768	42.11	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	224736	41.52	ng		98
33) Naphthalene	5.96	128	787374	41.43	ng		99
34) Benzoic acid	5.70	122	56320	18.94	ng		98
35) 4-Chloroaniline	6.00	127	269222	35.40	ng		98
36) Hexachlorobutadiene	6.07	225	103815	40.58	ng		99
37) Caprolactam	6.31	113	85194m	42.88	ng		
38) 4-Chloro-3-methylphenol	6.44	107	203245	42.39	ng		99
39) 2-Methylnaphthalene	6.58	142	492997	42.28	ng		99
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	178574	36.96	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030343.D
Acq On : 6 Aug 2009 16:40
Operator : QM
Sample : A3816-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 06 23:04:00 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	200881	73.82	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	137997	40.35	ng		96
45) 2,4,5-Trichlorophenol	6.89	196	148043	41.43	ng		95
47) 1,1'-Biphenyl	7.03	154	599747	39.28	ng		99
48) 2-Chloronaphthalene	7.05	162	452985	39.41	ng		99
49) 2-Nitroaniline	7.16	65	117331	41.32	ng	#	79
50) Acenaphthylene	7.47	152	769134	40.48	ng		99
51) Dimethylphthalate	7.34	163	597842	49.66	ng		99
52) 2,6-Dinitrotoluene	7.40	165	124167	41.28	ng	#	90
53) Acenaphthene	7.66	154	446678	40.11	ng		99
54) 3-Nitroaniline	7.57	138	123139	36.86	ng		99
55) 2,4-Dinitrophenol	7.69	184	108207	64.07	ng		96
56) Dibenzofuran	7.84	168	632496	40.30	ng		99
57) 4-Nitrophenol	7.76	139	228670	94.84	ng		92
58) 2,4-Dinitrotoluene	7.83	165	154987	42.10	ng	#	84
59) Fluorene	8.21	166	475752	40.48	ng		99
60) 2,3,4,6-Tetrachlorophenol	7.97	232	118696	42.58	ng	#	92
61) Diethylphthalate	8.09	149	472585	41.69	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	199679	40.54	ng		98
63) 4-Nitroaniline	8.25	138	142325	42.49	ng		98
64) Azobenzene	8.39	77	447725	39.99	ng		96
66) 4,6-Dinitro-2-methylphenol	8.27	198	88430	46.38	ng		88
67) n-Nitrosodiphenylamine	8.35	169	438624	40.49	ng		98
68) 4-Bromophenyl-phenylether	8.76	248	123433	40.77	ng		96
69) Hexachlorobenzene	8.83	284	129278	40.95	ng		97
70) Atrazine	8.96	200	114693	40.71	ng		98
71) Pentachlorophenol	9.06	266	158243	81.39	ng		99
72) Phenanthrene	9.30	178	702127	40.80	ng		100
73) Anthracene	9.37	178	714981	40.82	ng		99
74) Carbazole	9.56	167	714759	41.49	ng		99
75) Di-n-butylphthalate	9.99	149	808909	42.02	ng		99
76) Fluoranthene	10.72	202	690677	41.51	ng		98
78) Benzidine	10.90	184	311865	41.98	ng		100
79) Pyrene	10.99	202	732137	40.49	ng		99
81) Butylbenzylphthalate	11.81	149	331889	41.39	ng		97
82) Benzo(a)anthracene	12.45	228	594982	40.45	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	175501	35.45	ng		98
84) Chrysene	12.49	228	587180	39.71	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	467797	41.49	ng		98
86) Di-n-octyl phthalate	13.29	149	792820	41.78	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.35	276	574476m	38.56	ng		
89) Benzo(b)fluoranthene	13.77	252	564353	40.92	ng		99
90) Benzo(k)fluoranthene	13.80	252	564973	39.22	ng		99
91) Benzo(a)pyrene	14.24	252	544637	40.15	ng		100
92) Dibenzo(a,h)anthracene	16.41	278	482120	39.36	ng		97
93) Benzo(g,h,i)perylene	16.97	276	477827	38.26	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-03MSD

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030344.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	460	
108-95-2	Phenol	1800	
111-44-4	bis(2-Chloroethyl)ether	1700	
95-57-8	2-Chlorophenol	1700	
95-48-7	2-Methylphenol	1700	
108-60-1	2,2-oxybis(1-Chloropropane)	1700	
98-86-2	Acetophenone	1700	
65794-96-9	3+4-Methylphenols	1700	
621-64-7	N-Nitroso-di-n-propylamine	1700	
67-72-1	Hexachloroethane	1500	
98-95-3	Nitrobenzene	1600	
78-59-1	Isophorone	1700	
88-75-5	2-Nitrophenol	1700	
105-67-9	2,4-Dimethylphenol	1800	
111-91-1	bis(2-Chloroethoxy)methane	1700	
120-83-2	2,4-Dichlorophenol	1700	
91-20-3	Naphthalene	1700	
106-47-8	4-Chloroaniline	1400	
87-68-3	Hexachlorobutadiene	1600	
105-60-2	Caprolactam	1700	
59-50-7	4-Chloro-3-methylphenol	1700	
91-57-6	2-Methylnaphthalene	1700	
77-47-4	Hexachlorocyclopentadiene	3000	
88-06-2	2,4,6-Trichlorophenol	1700	
95-95-4	2,4,5-Trichlorophenol	1700	
92-52-4	1,1-Biphenyl	1600	
91-58-7	2-Chloronaphthalene	1600	
88-74-4	2-Nitroaniline	1700	
131-11-3	Dimethylphthalate	2000	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-03MSD

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030344.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1600	
606-20-2	2,6-Dinitrotoluene	1700	
99-09-2	3-Nitroaniline	1500	
83-32-9	Acenaphthene	1600	
51-28-5	2,4-Dinitrophenol	2600	
100-02-7	4-Nitrophenol	3900	E
132-64-9	Dibenzofuran	1600	
121-14-2	2,4-Dinitrotoluene	1700	
84-66-2	Diethylphthalate	1700	
7005-72-3	4-Chlorophenyl-phenylether	1700	
86-73-7	Fluorene	1700	
100-01-6	4-Nitroaniline	1800	
534-52-1	4,6-Dinitro-2-methylphenol	1800	
86-30-6	N-Nitrosodiphenylamine	1600	
101-55-3	4-Bromophenyl-phenylether	1600	
118-74-1	Hexachlorobenzene	1600	
1912-24-9	Atrazine	1600	
87-86-5	Pentachlorophenol	3200	
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	1600	
86-74-8	Carbazole	1600	
84-74-2	Di-n-butylphthalate	1600	
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1600	
91-94-1	3,3-Dichlorobenzidine	1400	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	1600	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-03MSD

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030344.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

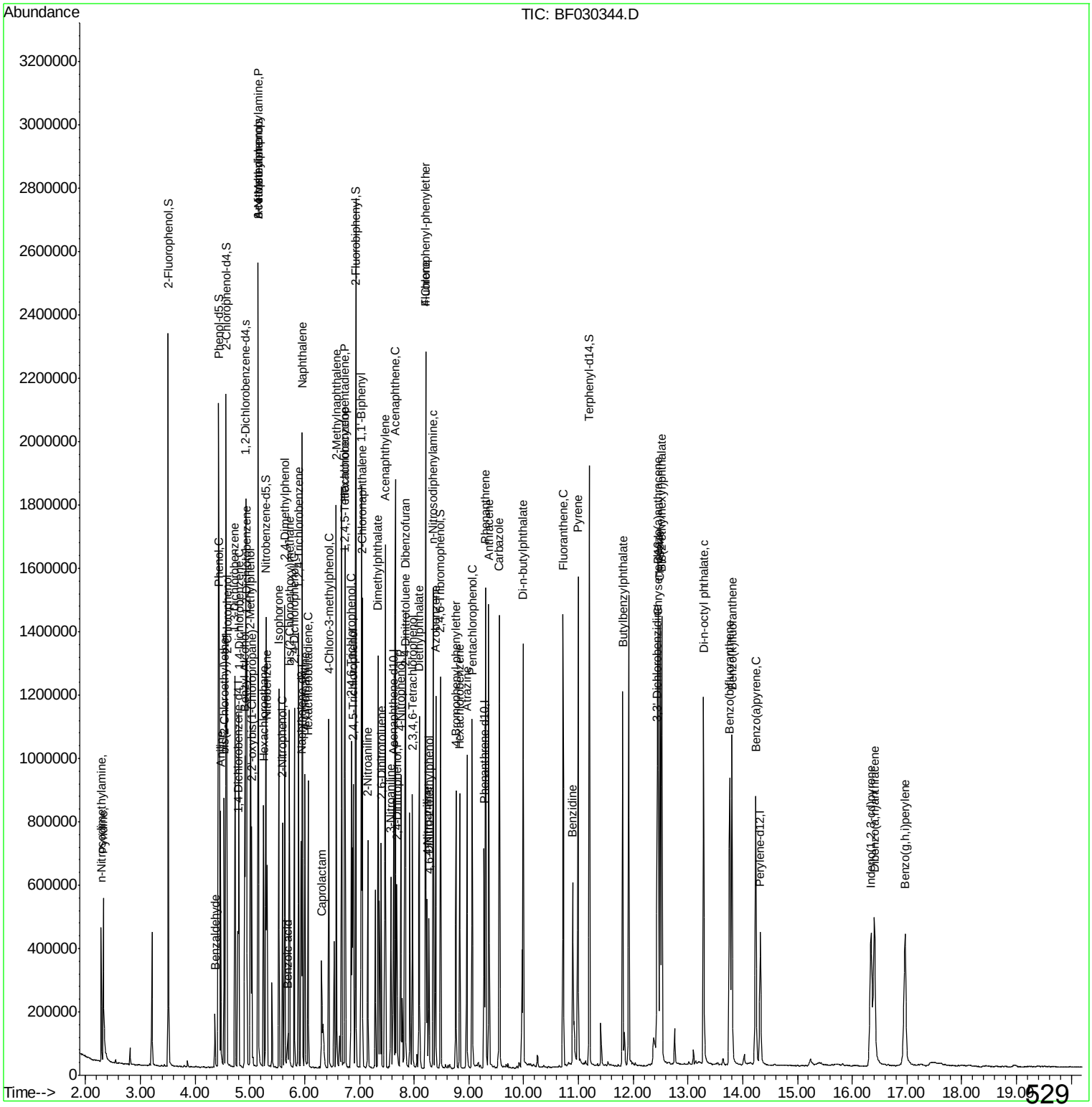
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1700	
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	1500	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	
53-70-3	Dibenz(a,h)anthracene	1500	
191-24-2	Benzo(g,h,i)perylene	1500	

Comments:

Quantitation Report (QT Reviewed)

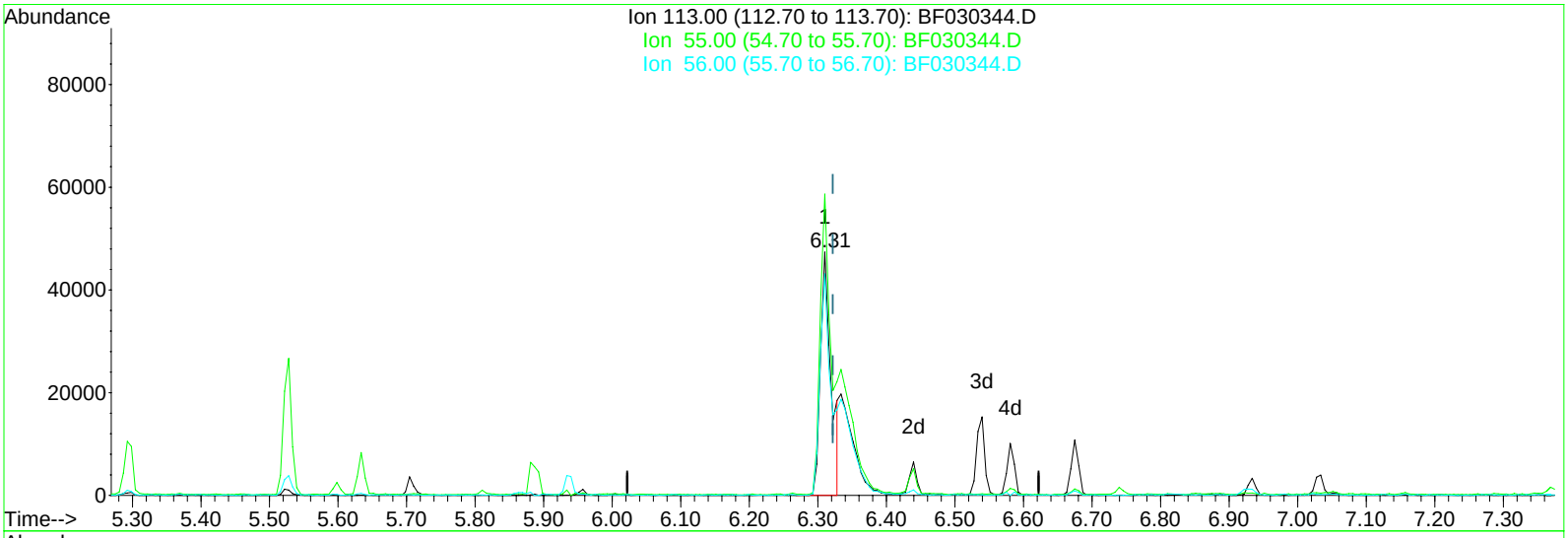
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

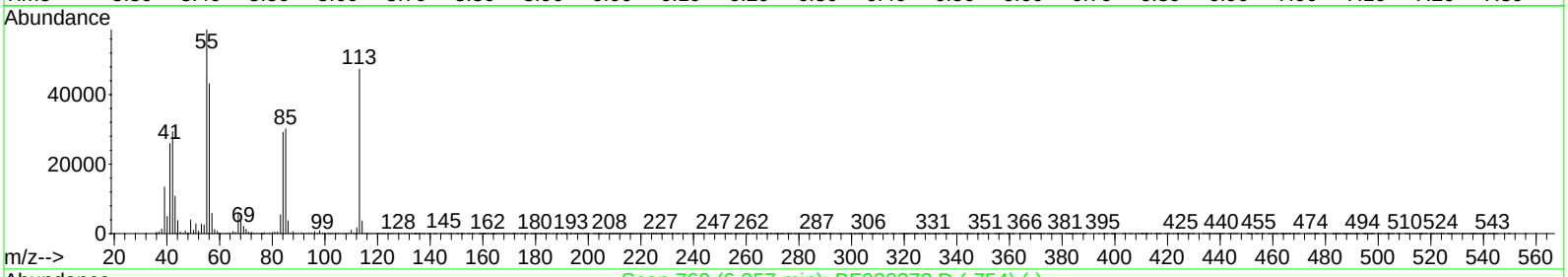
Quant Time: Aug 06 23:06:22 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

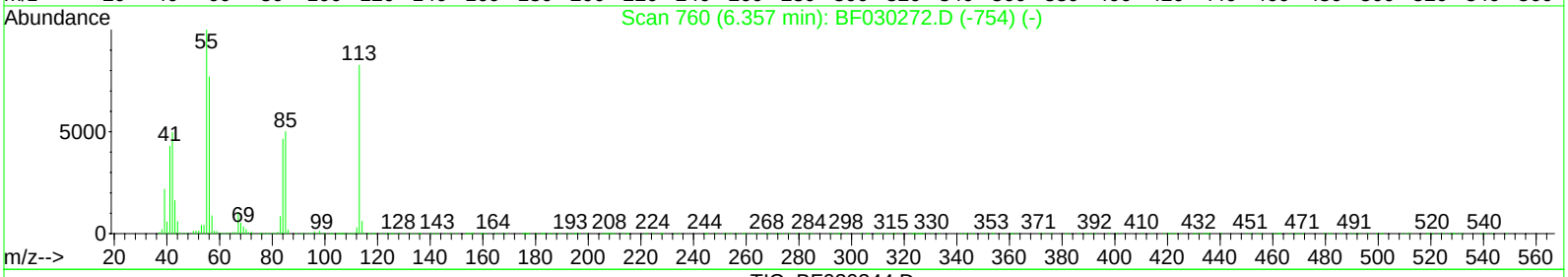


Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:04:28 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030344.D

(37) Caprolactam

6.310min (-0.012) 26.87ng

response 51077

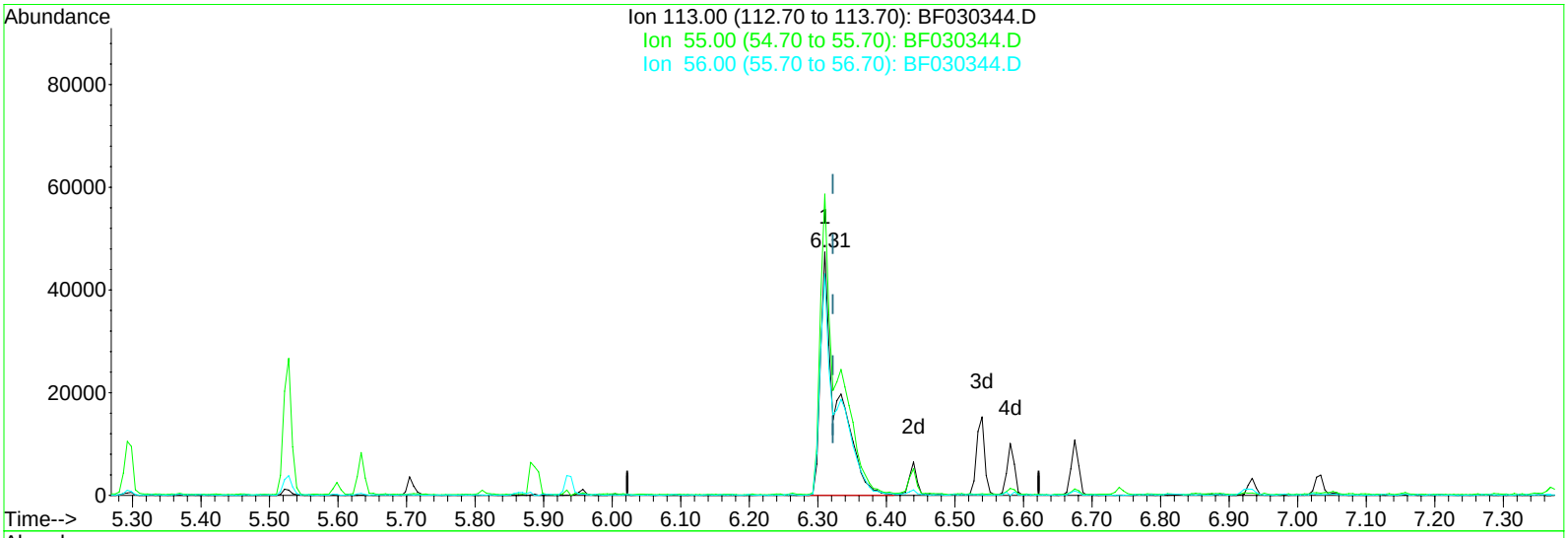
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	123.89#
56.00	111.10	91.06#
0.00	0.00	0.00

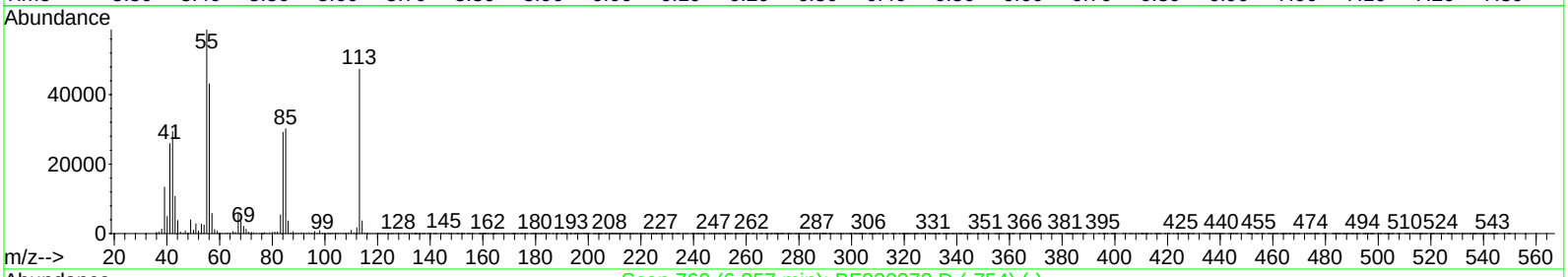
530

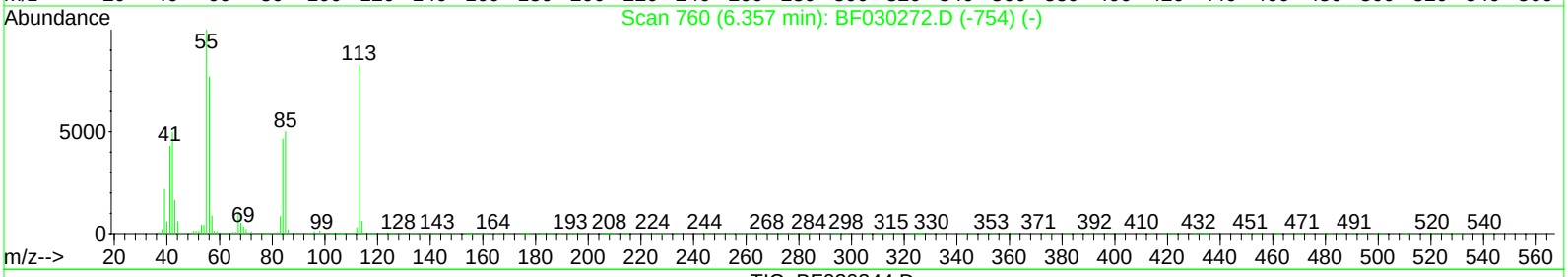
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:04:28 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030344.D

(37) Caprolactam

6.310min (-0.012) 41.90ng m

response 79643

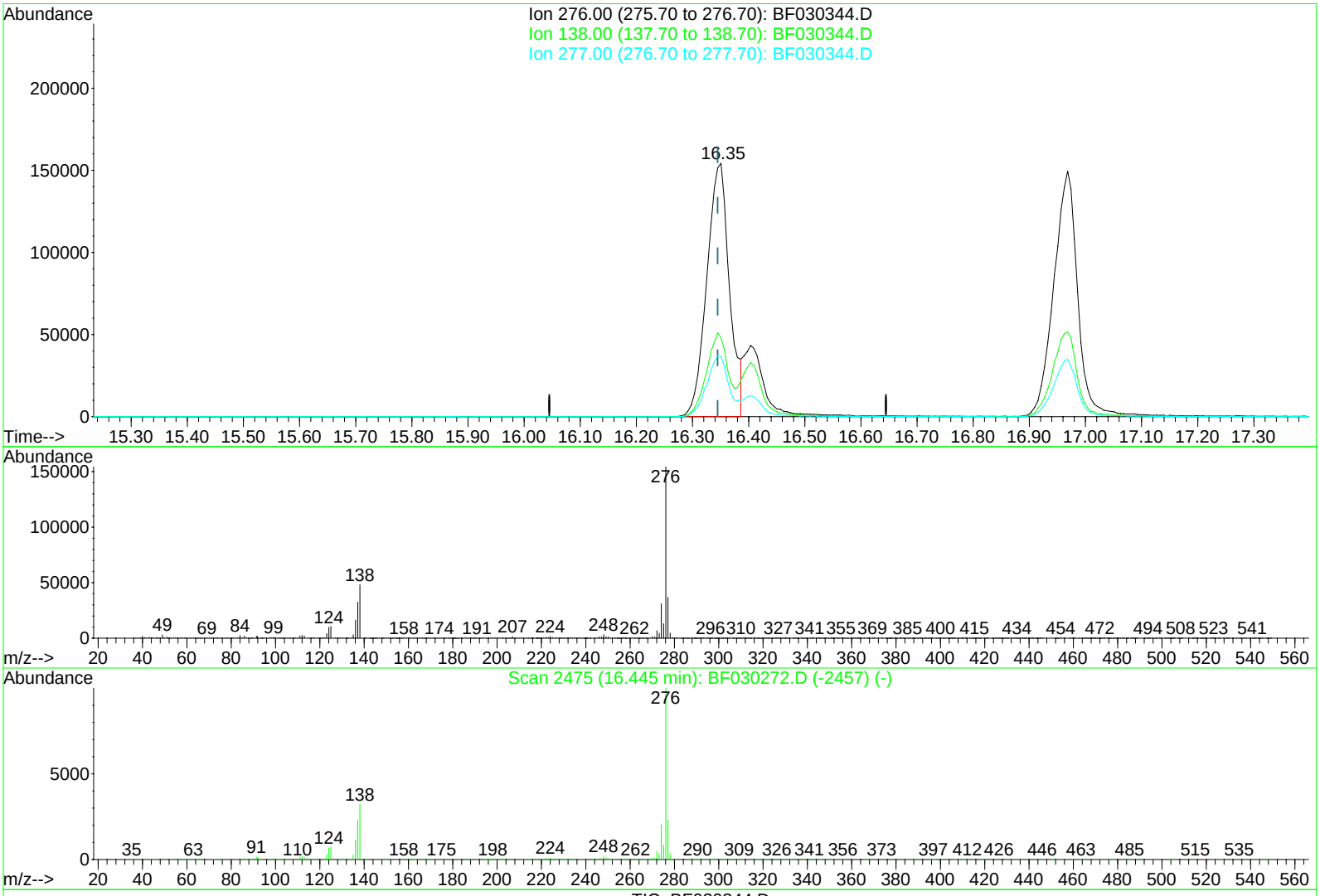
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	123.89#
56.00	111.10	91.06#
0.00	0.00	0.00

531

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:04:28 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030344.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 29.77ng

response 431714

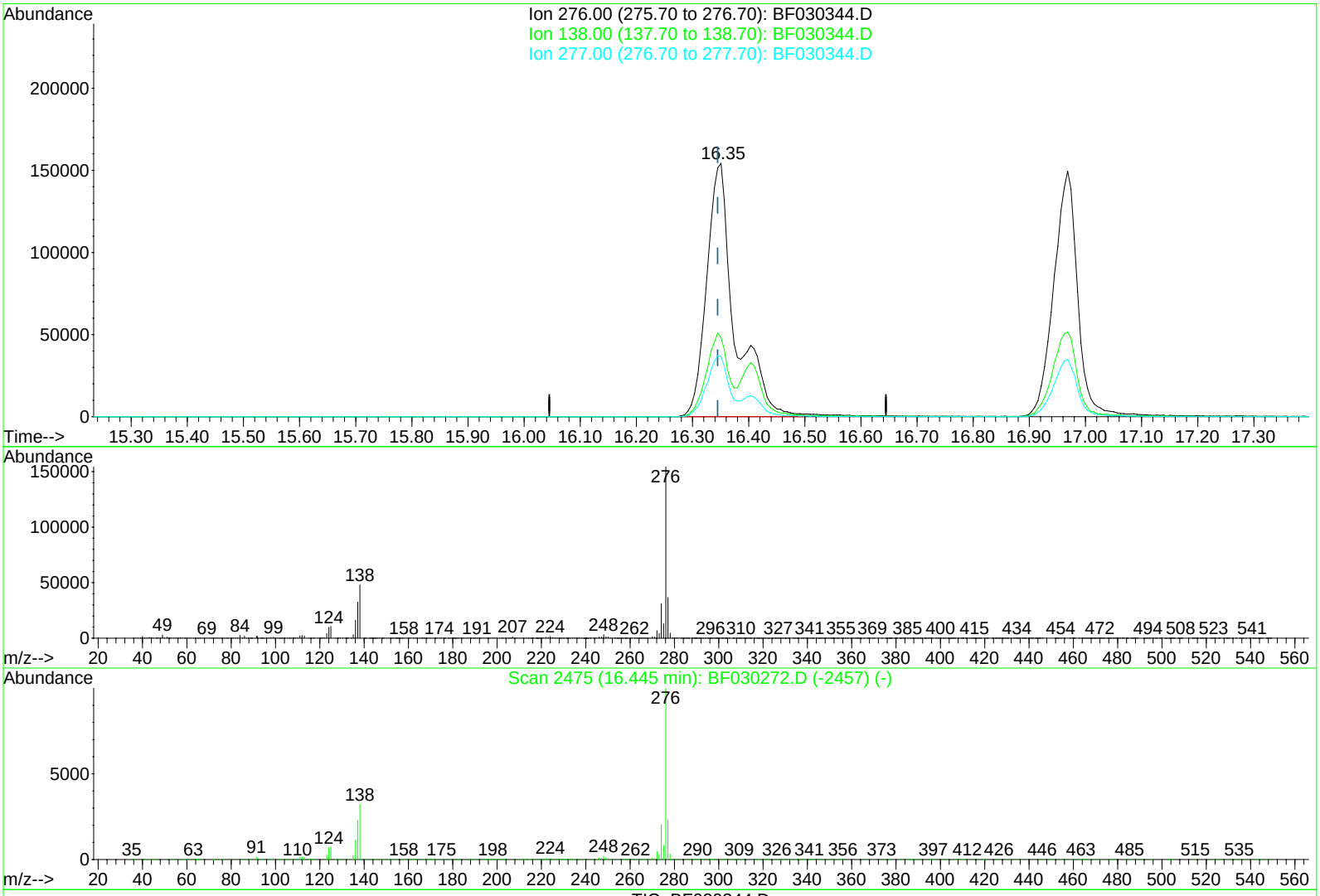
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	31.03
277.00	19.30	23.21#
0.00	0.00	0.00

532

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:04:28 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030344.D

(87) Indeno(1,2,3-cd)pyrene

16.351min (+0.006) 37.00ng m

response 536610

Ion	Exp%	Act%
276.00	100	100
138.00	26.30	24.97
277.00	19.30	18.67
0.00	0.00	0.00

533

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:06:22 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	96077	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	354815	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	181966	20.00	ng		0.00
65) Phenanthrene-d10	9.27	188	306432	20.00	ng		0.00
77) Chrysene-d12	12.46	240	260018	20.00	ng		0.00
88) Perylene-d12	14.32	264	234173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.51	112	671881	124.85	ng		0.00
7) Phenol-d5	4.43	99	846501	126.53	ng		0.00
12) 2-Chlorophenol-d4	4.56	132	645179	127.85	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	291596	88.49	ng		0.00
25) Nitrobenzene-d5	5.29	82	430693	86.16	ng		0.00
43) 2,4,6-Tribromophenol	8.48	330	150305	132.63	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	834470	91.57	ng		0.00
80) Terphenyl-d14	11.20	244	711774	90.09	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.32	79	254602	36.66	ng	#	80
4) n-Nitrosodimethylamine	2.29	42	85512	40.81	ng	#	68
6) Aniline	4.46	93	324831	34.30	ng		100
8) 2-Chlorophenol	4.58	128	267920	41.23	ng		97
9) Benzaldehyde	4.36	77	30603	11.27	ng		93
10) Phenol	4.44	94	328006	43.13	ng		83
11) bis(2-Chloroethyl)ether	4.53	93	255223	40.83	ng		94
13) 1,3-Dichlorobenzene	4.73	146	276593	38.80	ng		98
14) 1,4-Dichlorobenzene	4.80	146	286262	39.31	ng		97
16) 1,2-Dichlorobenzene	4.94	146	263744	40.72	ng		100
17) Benzyl Alcohol	4.90	79	176765	41.63	ng		99
18) 2,2'-oxybis(1-Chloropropan	5.03	45	357760	40.99	ng		95
19) 2-Methylphenol	5.01	107	203522	41.58	ng		98
20) Hexachloroethane	5.25	117	90664	37.75	ng	#	85
21) n-Nitroso-di-n-propylamine	5.16	70	142123	40.65	ng		94
22) 3+4-Methylphenols	5.15	107	238572	42.20	ng	#	70
24) Acetophenone	5.15	105	294069	40.93	ng	#	95
26) Nitrobenzene	5.31	77	223994	40.63	ng		92
27) Isophorone	5.53	82	452126	41.36	ng		100
28) 2-Nitrophenol	5.60	139	145874	41.67	ng		97
29) 2,4-Dimethylphenol	5.63	122	234382	43.62	ng		97
30) bis(2-Chloroethoxy)methane	5.72	93	291591	42.15	ng		99
31) 2,4-Dichlorophenol	5.81	162	206400	41.34	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	211044	40.76	ng		98
33) Naphthalene	5.96	128	747047	41.09	ng		100
34) Benzoic acid	5.69	122	32544	14.05	ng		96
35) 4-Chloroaniline	6.00	127	247860	34.07	ng		98
36) Hexachlorobutadiene	6.07	225	97408	39.80	ng		99
37) Caprolactam	6.31	113	79643m	41.90	ng		
38) 4-Chloro-3-methylphenol	6.44	107	193874	42.27	ng		98
39) 2-Methylnaphthalene	6.58	142	463958	41.59	ng		99
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	169960	37.57	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080609\
Data File : BF030344.D
Acq On : 6 Aug 2009 17:08
Operator : QM
Sample : A3816-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 23:06:22 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	190465	74.76	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	133439	41.68	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	141684	42.35	ng		95
47) 1,1'-Biphenyl	7.03	154	566079	39.60	ng		99
48) 2-Chloronaphthalene	7.05	162	428809	39.85	ng		100
49) 2-Nitroaniline	7.16	65	110056	41.40	ng	#	81
50) Acenaphthylene	7.47	152	721594	40.57	ng		99
51) Dimethylphthalate	7.34	163	567045	50.31	ng		100
52) 2,6-Dinitrotoluene	7.40	165	118714	42.16	ng	#	89
53) Acenaphthene	7.66	154	418210	40.12	ng		100
54) 3-Nitroaniline	7.57	138	113890	36.41	ng		97
55) 2,4-Dinitrophenol	7.69	184	100037	63.37	ng		94
56) Dibenzofuran	7.84	168	593293	40.38	ng		99
57) 4-Nitrophenol	7.76	139	215792	95.60	ng		91
58) 2,4-Dinitrotoluene	7.83	165	147218	42.71	ng	#	83
59) Fluorene	8.21	166	448002	40.72	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	111657	42.79	ng	#	92
61) Diethylphthalate	8.09	149	444585	41.89	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	187962	40.76	ng		98
63) 4-Nitroaniline	8.24	138	135338	43.16	ng		98
64) Azobenzene	8.39	77	419508	40.03	ng		95
66) 4,6-Dinitro-2-methylphenol	8.27	198	82495	44.26	ng		88
67) n-Nitrosodiphenylamine	8.35	169	411246	38.84	ng		99
68) 4-Bromophenyl-phenylether	8.76	248	114498	38.69	ng		95
69) Hexachlorobenzene	8.83	284	120282	38.97	ng		97
70) Atrazine	8.96	200	107917	39.18	ng		96
71) Pentachlorophenol	9.06	266	150135	79.00	ng		99
72) Phenanthrene	9.30	178	656548	39.02	ng		99
73) Anthracene	9.36	178	668759	39.05	ng		99
74) Carbazole	9.56	167	666466	39.58	ng		99
75) Di-n-butylphthalate	9.99	149	747646	39.73	ng		99
76) Fluoranthene	10.72	202	640416	39.37	ng		99
78) Benzidine	10.90	184	283142	39.15	ng		99
79) Pyrene	10.99	202	686940	39.02	ng		100
81) Butylbenzylphthalate	11.81	149	314424	40.27	ng		95
82) Benzo(a)anthracene	12.45	228	567403	39.62	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	163928	34.01	ng		98
84) Chrysene	12.49	228	555924	38.62	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	436695	39.78	ng		97
86) Di-n-octyl phthalate	13.29	149	754155	40.82	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.35	276	536610m	37.00	ng		
89) Benzo(b)fluoranthene	13.76	252	543966	40.31	ng		99
90) Benzo(k)fluoranthene	13.80	252	528487	37.50	ng		98
91) Benzo(a)pyrene	14.24	252	520092	39.19	ng		100
92) Dibenzo(a,h)anthracene	16.40	278	448555	37.44	ng		98
93) Benzo(g,h,i)perylene	16.97	276	441972	36.18	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-01(12-14)MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3828-04MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030397.D

Level: (low/med) LOW Date Received: 08/06/09

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	420	
108-95-2	Phenol	1600	
111-44-4	bis(2-Chloroethyl)ether	1600	
95-57-8	2-Chlorophenol	1600	
95-48-7	2-Methylphenol	1600	
108-60-1	2,2-oxybis(1-Chloropropane)	1600	
98-86-2	Acetophenone	1600	
65794-96-9	3+4-Methylphenols	1600	
621-64-7	N-Nitroso-di-n-propylamine	1500	
67-72-1	Hexachloroethane	1400	
98-95-3	Nitrobenzene	1600	
78-59-1	Isophorone	1600	
88-75-5	2-Nitrophenol	1700	
105-67-9	2,4-Dimethylphenol	1700	
111-91-1	bis(2-Chloroethoxy)methane	1600	
120-83-2	2,4-Dichlorophenol	1600	
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	1100	
87-68-3	Hexachlorobutadiene	1400	
105-60-2	Caprolactam	1400	
59-50-7	4-Chloro-3-methylphenol	1600	
91-57-6	2-Methylnaphthalene	1500	
77-47-4	Hexachlorocyclopentadiene	2300	
88-06-2	2,4,6-Trichlorophenol	1600	
95-95-4	2,4,5-Trichlorophenol	1600	
92-52-4	1,1-Biphenyl	1500	
91-58-7	2-Chloronaphthalene	1500	
88-74-4	2-Nitroaniline	1600	
131-11-3	Dimethylphthalate	2000	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-01(12-14)MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3828-04MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030397.D

Level: (low/med) LOW Date Received: 08/06/09

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1500	
606-20-2	2,6-Dinitrotoluene	1600	
99-09-2	3-Nitroaniline	1300	
83-32-9	Acenaphthene	1500	
51-28-5	2,4-Dinitrophenol	780	
100-02-7	4-Nitrophenol	3300	E
132-64-9	Dibenzofuran	1500	
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	1500	
7005-72-3	4-Chlorophenyl-phenylether	1500	
86-73-7	Fluorene	1500	
100-01-6	4-Nitroaniline	1500	
534-52-1	4,6-Dinitro-2-methylphenol	1100	
86-30-6	N-Nitrosodiphenylamine	1500	
101-55-3	4-Bromophenyl-phenylether	1600	
118-74-1	Hexachlorobenzene	1500	
1912-24-9	Atrazine	1600	
87-86-5	Pentachlorophenol	2800	
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	1500	
86-74-8	Carbazole	1500	
84-74-2	Di-n-butylphthalate	1500	
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1700	
85-68-7	Butylbenzylphthalate	1600	
91-94-1	3,3-Dichlorobenzidine	1400	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-01(12-14)MS

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3828-04MS

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030397.D

Level: (low/med) LOW Date Received: 08/06/09

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

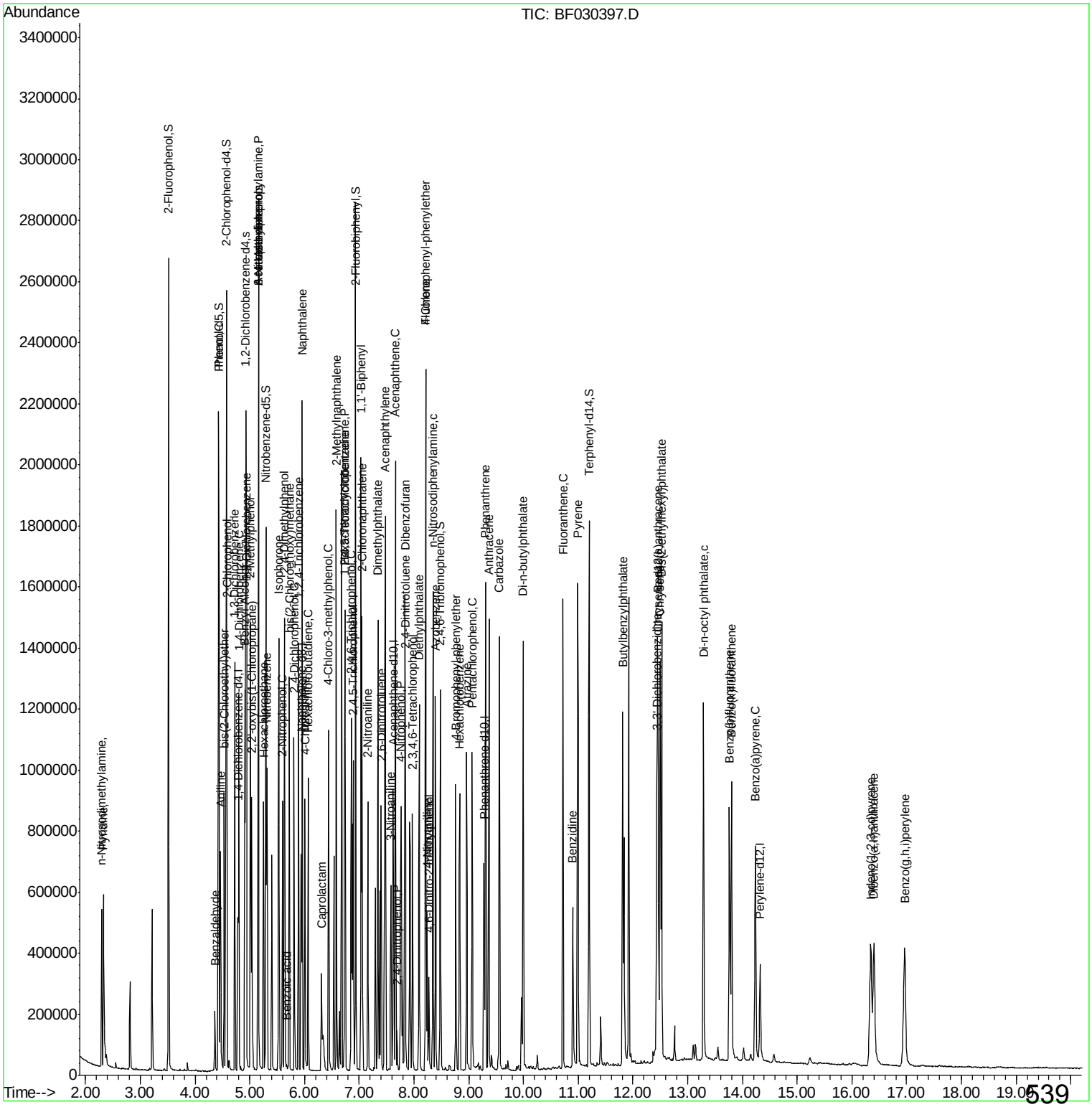
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1700	
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	1700	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	1300	
53-70-3	Dibenz(a,h)anthracene	1600	
191-24-2	Benzo(g,h,i)perylene	1700	

Comments:

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

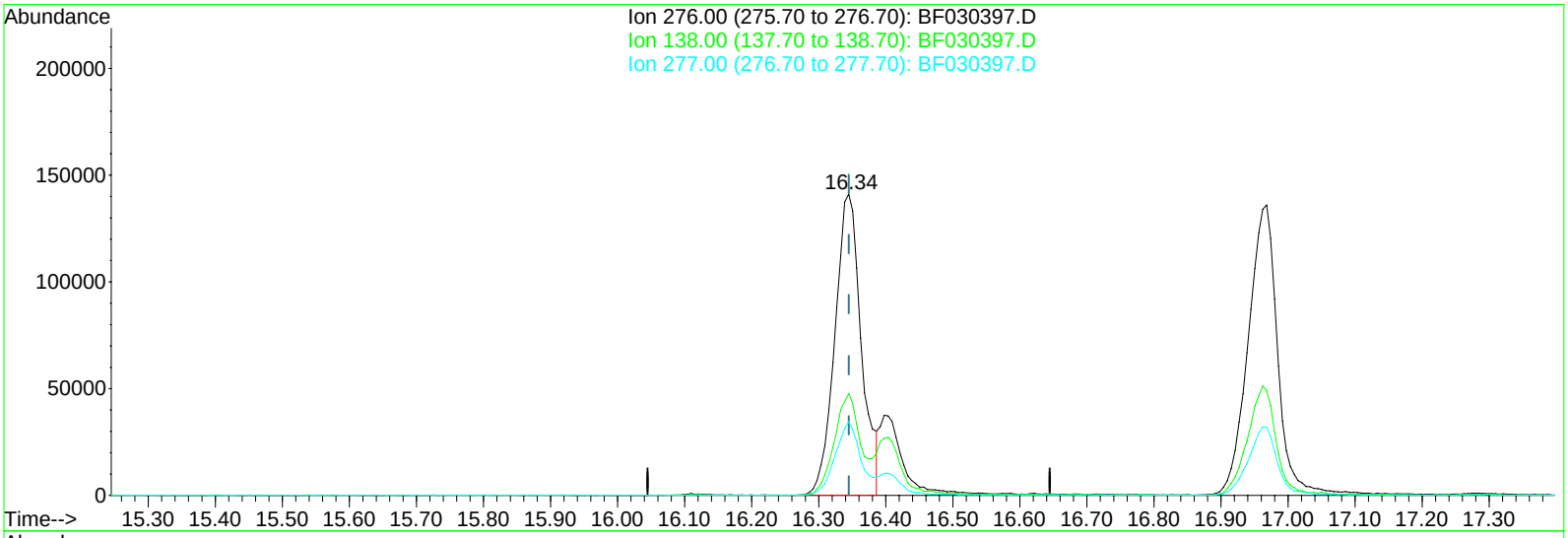
Quant Time: Aug 08 11:08:41 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

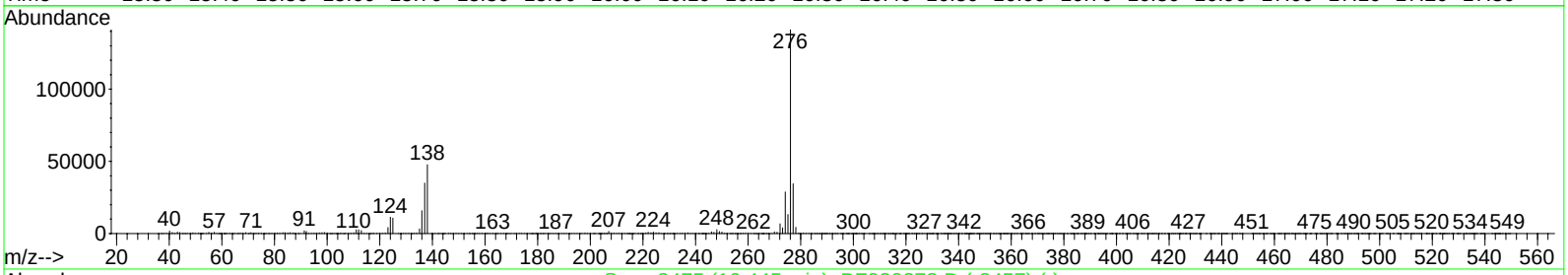


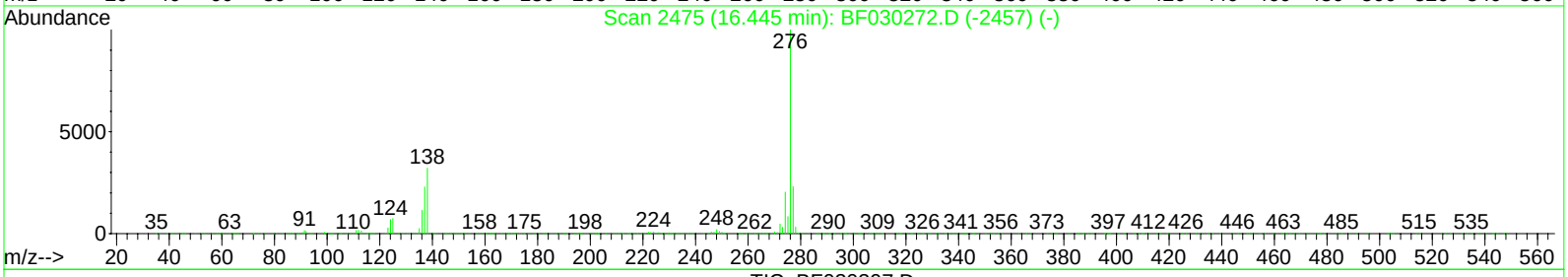
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.000) 29.32ng

response 385054

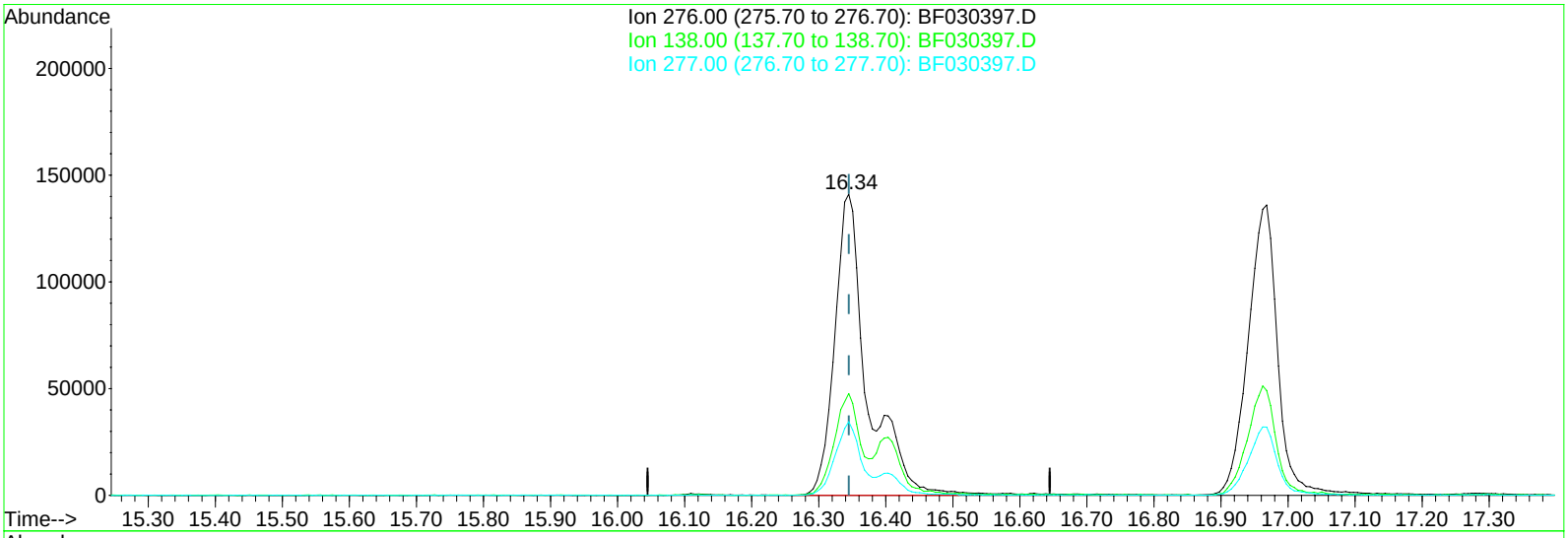
Ion	Exp%	Act%
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138.00	26.30	32.42#
277.00	19.30	23.25#
0.00	0.00	0.00

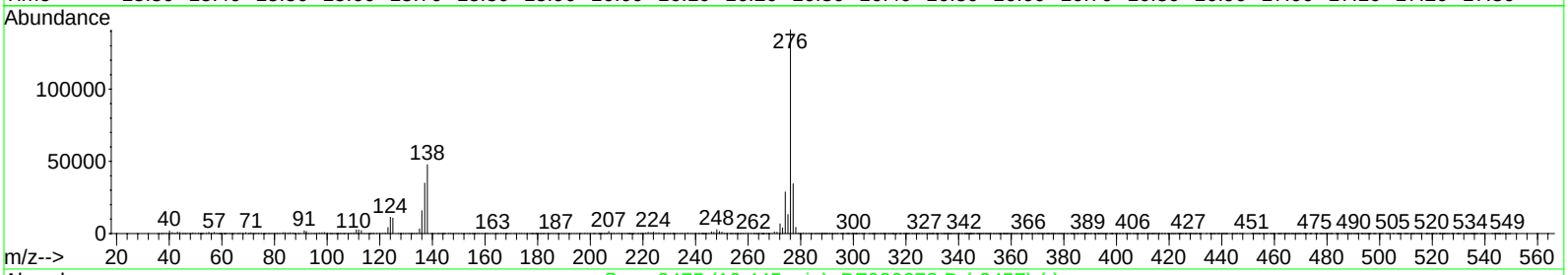
540

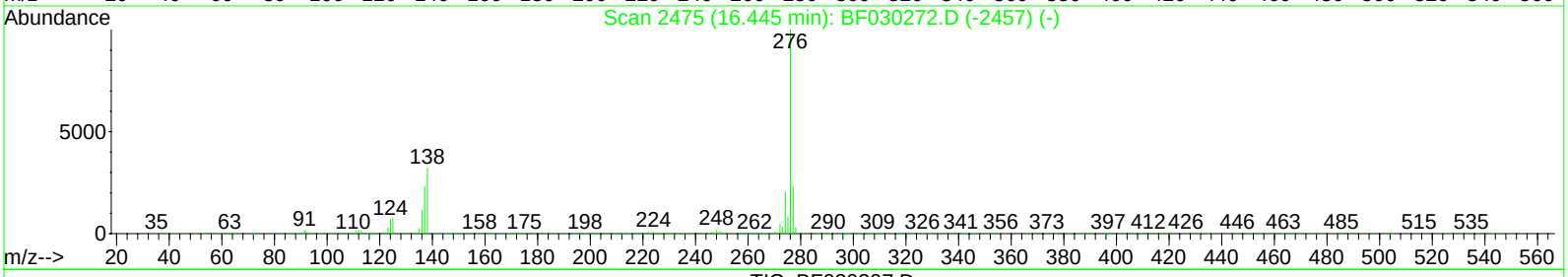
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (-0.000) 36.10ng m

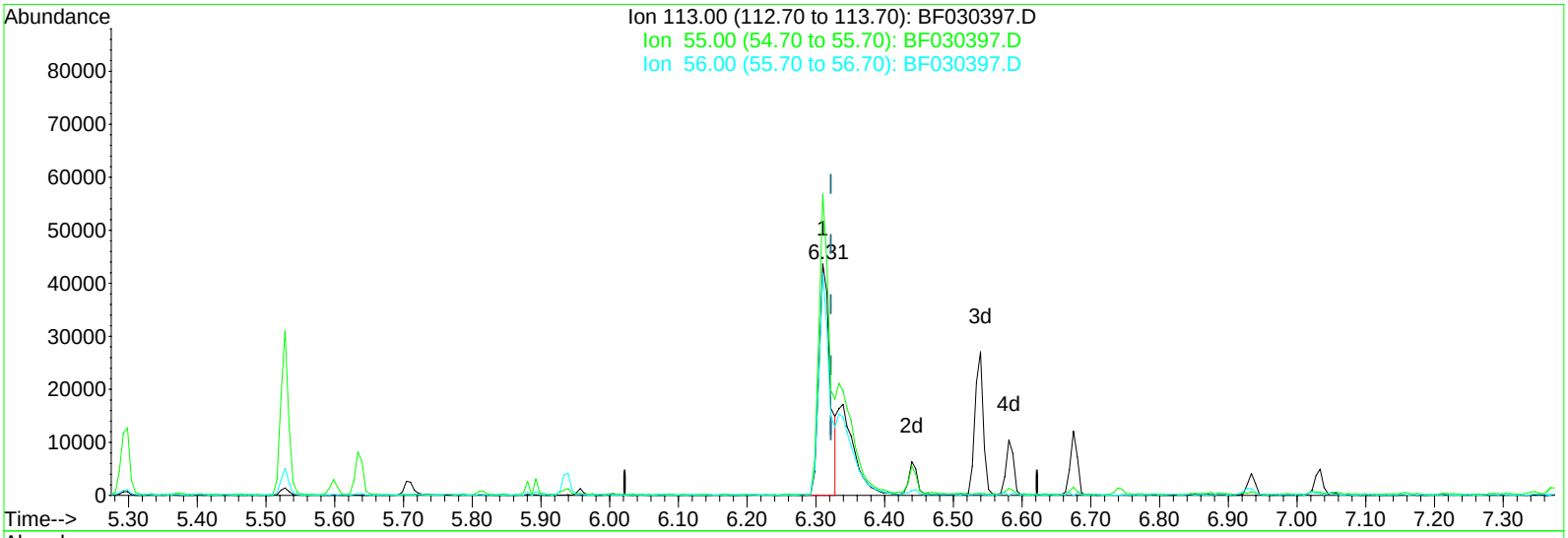
response 474195

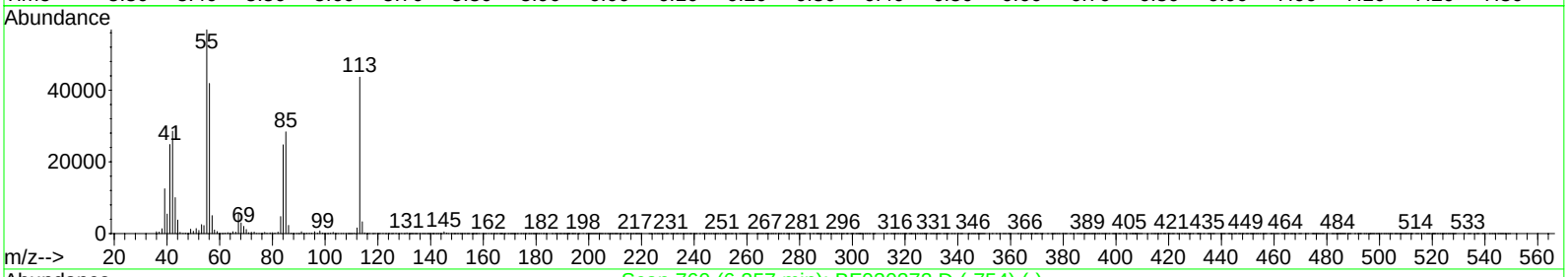
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	26.33
277.00	19.30	18.88
0.00	0.00	0.00

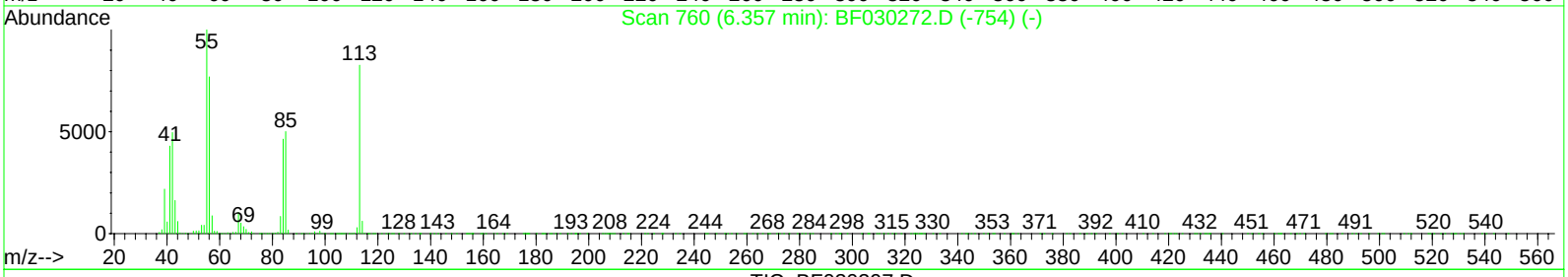
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Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(37) Caprolactam

6.310min (-0.012) 23.92ng

response 49638

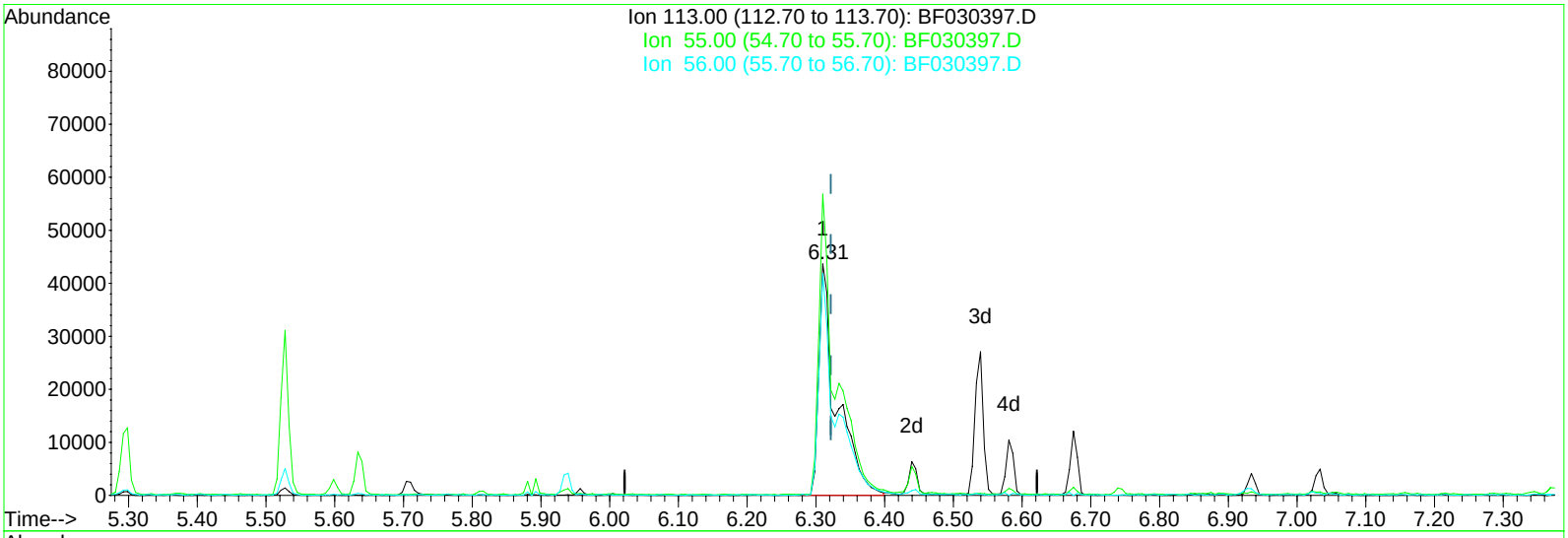
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	130.19#
56.00	111.10	95.89
0.00	0.00	0.00

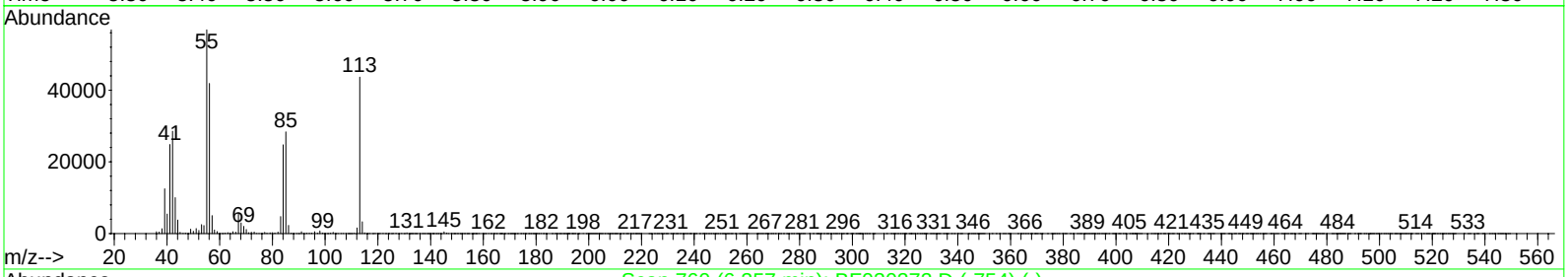
542

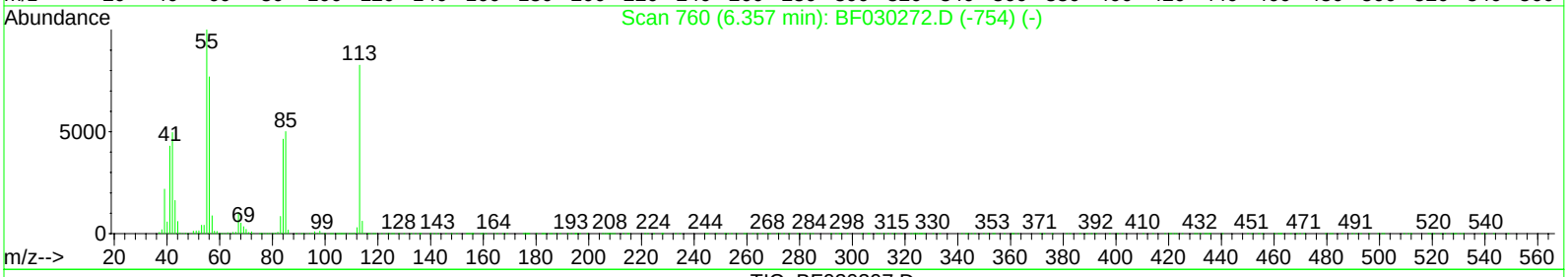
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(37) Caprolactam

6.310min (-0.012) 37.57ng m

response 77949

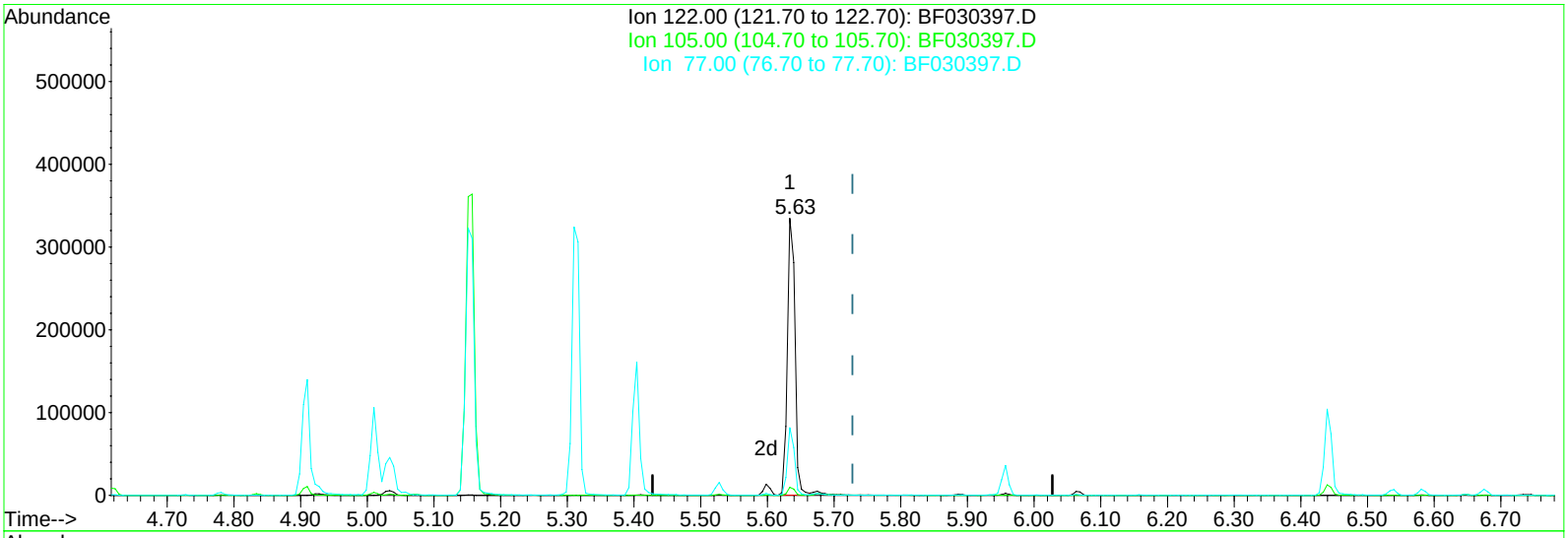
Ion	Exp%	Act%
113.00	100	100
55.00	151.30	130.19#
56.00	111.10	95.89
0.00	0.00	0.00

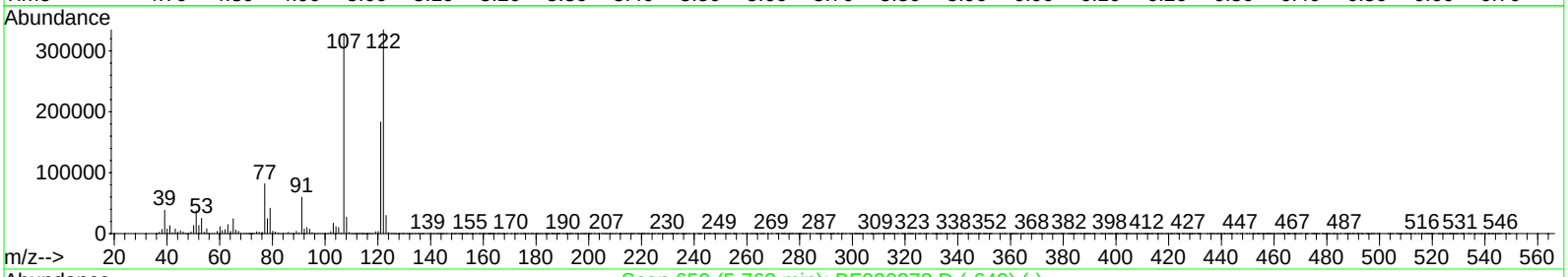
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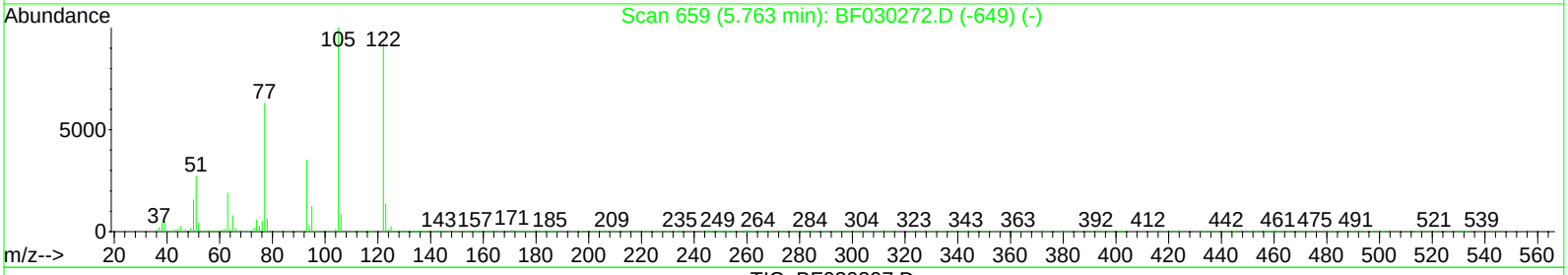
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:41:31 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(34) Benzoic acid

5.634min (-0.094) 62.06ng

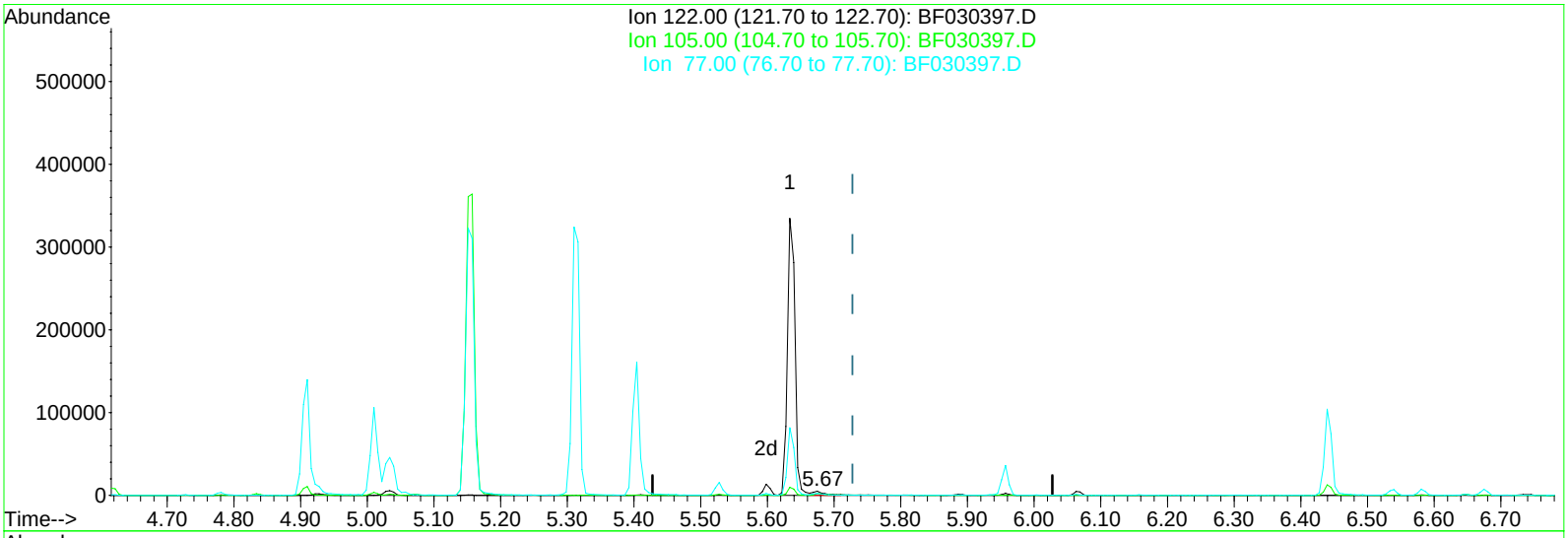
response 263873

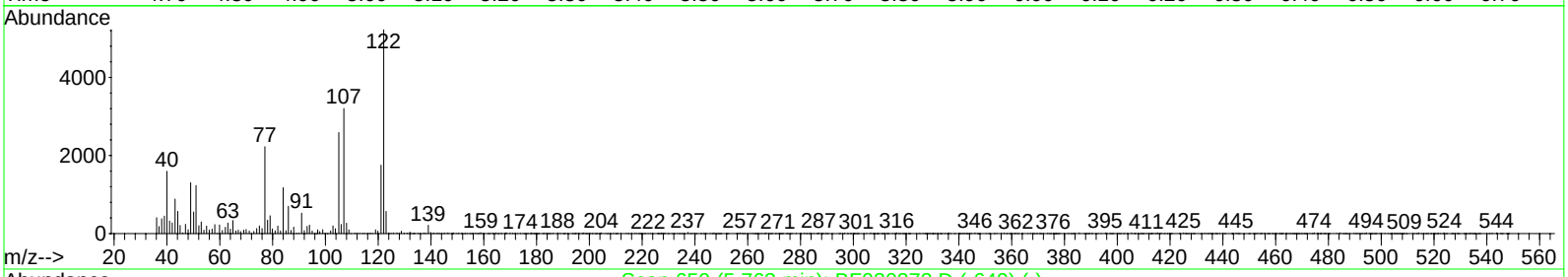
Ion	Exp%	Act%
122.00	100	100
105.00	107.80	2.92#
77.00	63.30	24.43#
0.00	0.00	0.00

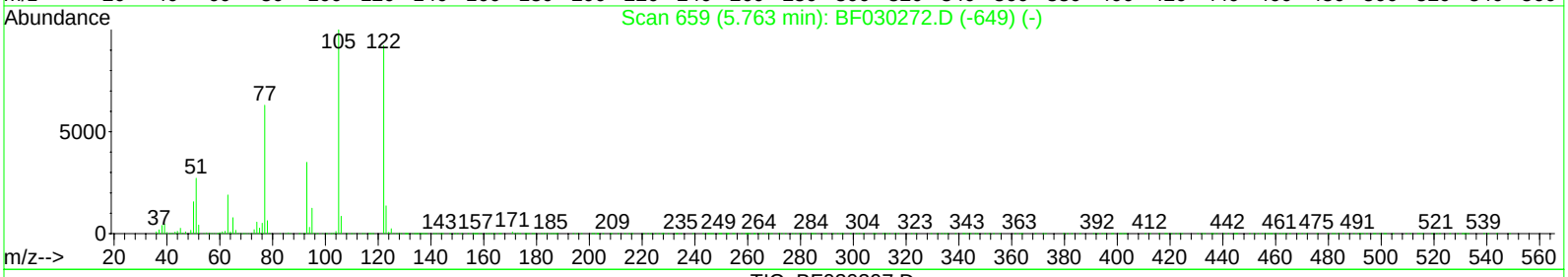
544

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:41:31 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(34) Benzoic acid

5.675min (-0.053) 7.90ng m

response 6308

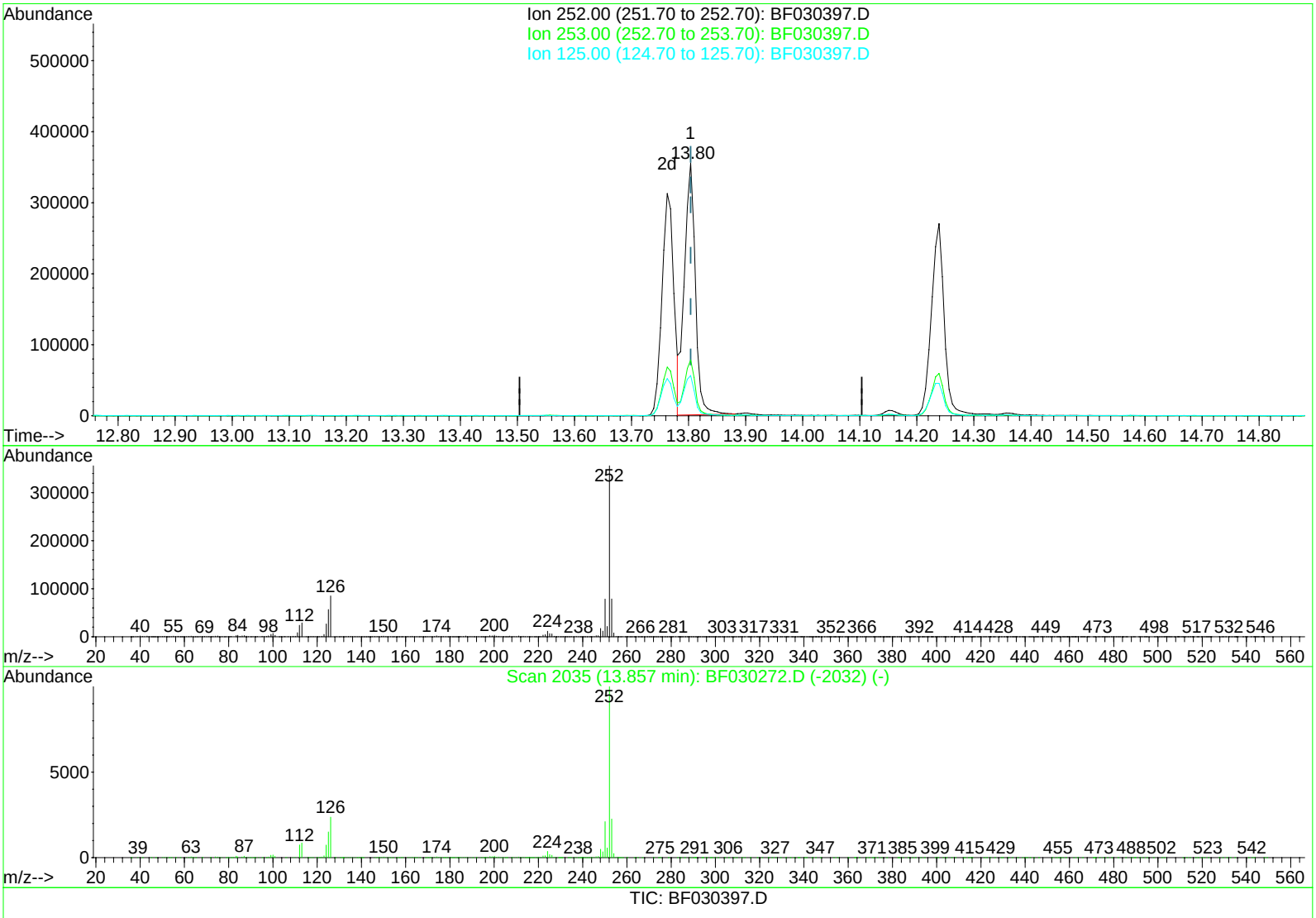
Ion	Exp%	Act%
122.00	100	100
105.00	107.80	49.65#
77.00	63.30	42.63#
0.00	0.00	0.00

545

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration



TIC: BF030397.D

(90) Benzo(k)fluoranthene

13.804min (-0.000) 44.49ng

response 471990

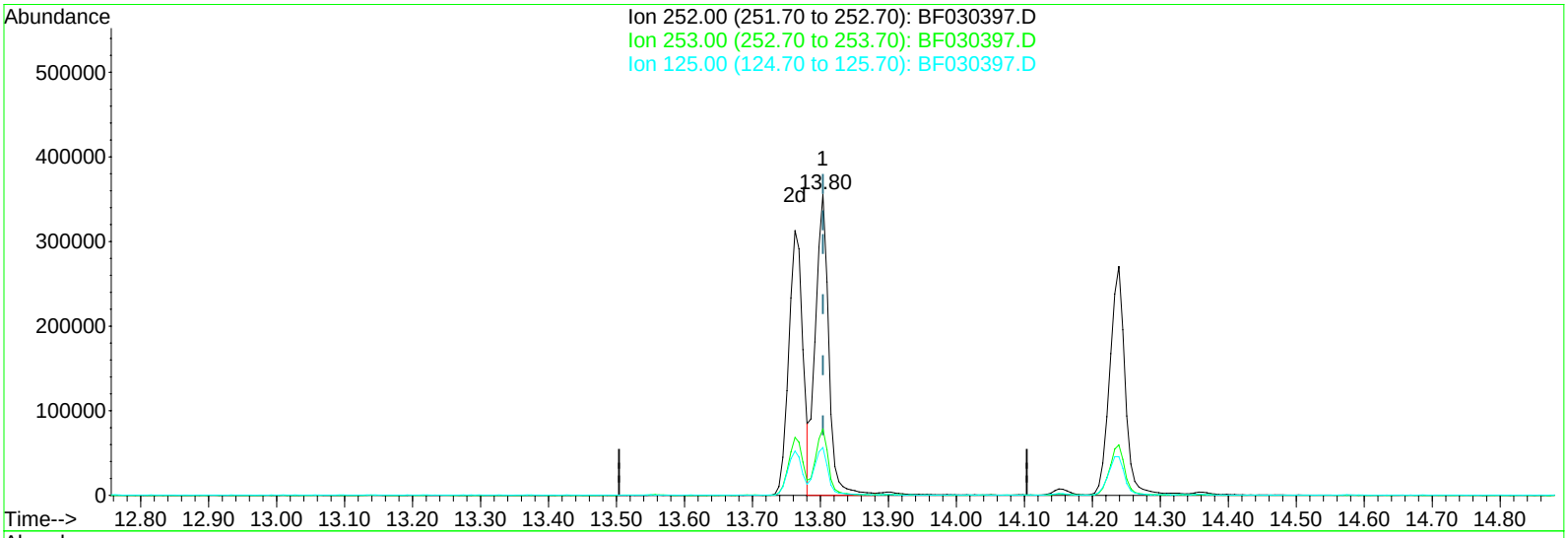
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.10
125.00	16.20	15.91
0.00	0.00	0.00

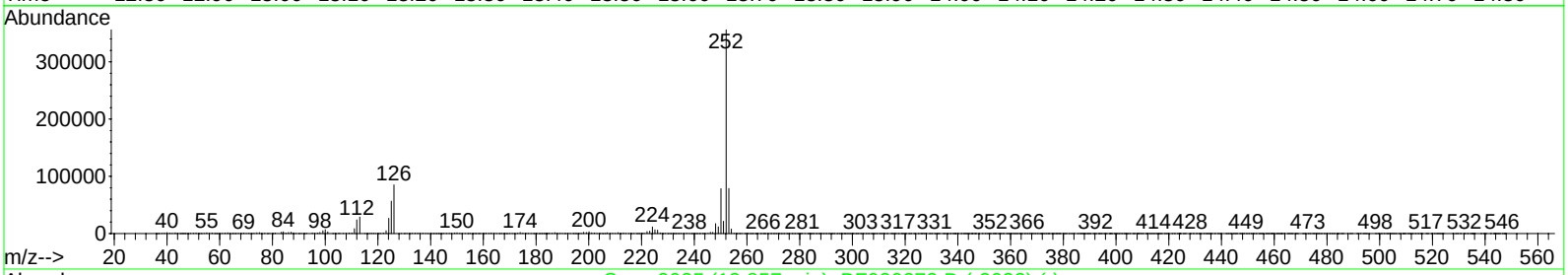
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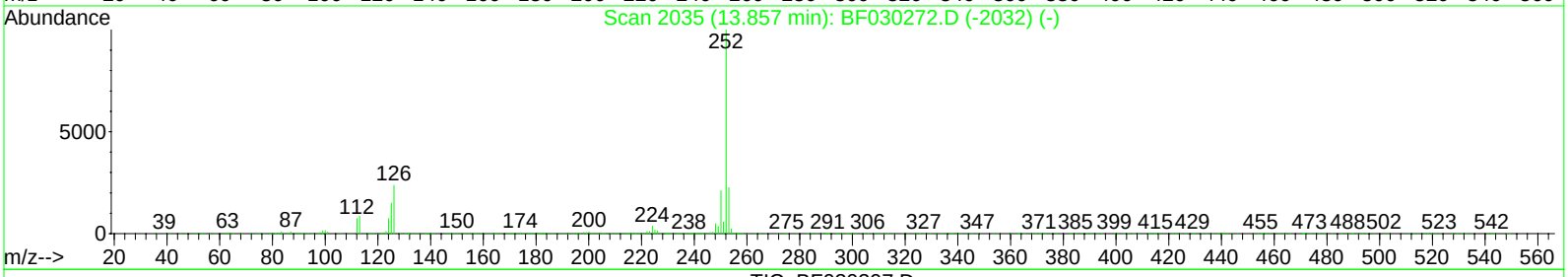
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 00:38:11 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030397.D

(90) Benzo(k)fluoranthene

13.804min (-0.000) 45.45ng m

response 482197

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.10
125.00	16.20	15.91
0.00	0.00	0.00

547

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030397.D
Acq On : 7 Aug 2009 22:37
Operator : QM
Sample : A3828-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 11:08:41 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	107369	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	387342	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	193132	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	302017	20.00	ng		0.00
77) Chrysene-d12	12.46	240	235468	20.00	ng		0.00
88) Perylene-d12	14.32	264	176314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.52	112	788991	131.19	ng		0.00
7) Phenol-d5	4.43	99	1000106	133.77	ng		0.00
12) 2-Chlorophenol-d4	4.57	132	756819	134.20	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	345700	93.87	ng		0.00
25) Nitrobenzene-d5	5.30	82	521883	95.63	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	159488	132.59	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	907951	93.87	ng		0.00
80) Terphenyl-d14	11.20	244	693574	96.94	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.33	79	264248	34.05	ng	#	82
4) n-Nitrosodimethylamine	2.29	42	104593	44.66	ng	#	72
6) Aniline	4.47	93	313703	29.64	ng		97
8) 2-Chlorophenol	4.58	128	310116	42.71	ng		98
9) Benzaldehyde	4.36	77	34772	11.46	ng		97
10) Phenol	4.44	94	373353	43.93	ng		87
11) bis(2-Chloroethyl)ether	4.53	93	297409	42.57	ng		91
13) 1,3-Dichlorobenzene	4.73	146	305306	38.32	ng		98
14) 1,4-Dichlorobenzene	4.80	146	315437	38.76	ng		96
16) 1,2-Dichlorobenzene	4.94	146	291671	40.30	ng		100
17) Benzyl Alcohol	4.91	79	202888	42.76	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.03	45	414345	42.48	ng		94
19) 2-Methylphenol	5.01	107	237411	43.40	ng		98
20) Hexachloroethane	5.25	117	98464	36.68	ng	#	85
21) n-Nitroso-di-n-propylamine	5.16	70	163106	41.75	ng		97
22) 3+4-Methylphenols	5.15	107	271120	42.91	ng	#	68
24) Acetophenone	5.16	105	330521	42.14	ng	#	98
26) Nitrobenzene	5.31	77	259840	43.17	ng		91
27) Isophorone	5.53	82	518770	43.47	ng		99
28) 2-Nitrophenol	5.60	139	171394	44.85	ng		98
29) 2,4-Dimethylphenol	5.63	122	263873	44.99	ng		96
30) bis(2-Chloroethoxy)methane	5.72	93	330238	43.73	ng		99
31) 2,4-Dichlorophenol	5.82	162	236263	43.35	ng		95
32) 1,2,4-Trichlorobenzene	5.89	180	229017	40.51	ng		99
33) Naphthalene	5.96	128	817968	41.21	ng		99
34) Benzoic acid	5.67	122	6308m	7.90	ng		
35) 4-Chloroaniline	6.00	127	236140	29.73	ng		99
36) Hexachlorobutadiene	6.07	225	104208	39.00	ng		100
37) Caprolactam	6.31	113	77949m	37.57	ng		
38) 4-Chloro-3-methylphenol	6.44	107	218575	43.65	ng		95
39) 2-Methylnaphthalene	6.58	142	497189	40.83	ng		98
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	182692	38.05	ng		99

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	171407	63.39	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	149240	43.92	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	153163	43.13	ng		96
47) 1,1'-Biphenyl	7.03	154	606582	39.98	ng		99
48) 2-Chloronaphthalene	7.05	162	461779	40.43	ng		99
49) 2-Nitroaniline	7.16	65	123309	43.71	ng		87
50) Acenaphthylene	7.47	152	767439	40.65	ng		99
51) Dimethylphthalate	7.35	163	647962	54.17	ng		99
52) 2,6-Dinitrotoluene	7.40	165	129401	43.30	ng		94
53) Acenaphthene	7.66	154	446908	40.39	ng		98
54) 3-Nitroaniline	7.57	138	119188	35.90	ng		94
55) 2,4-Dinitrophenol	7.69	184	24486	21.08	ng		96
56) Dibenzofuran	7.84	168	623388	39.98	ng		99
57) 4-Nitrophenol	7.76	139	216084	90.20	ng		93
58) 2,4-Dinitrotoluene	7.83	165	158338	43.28	ng	#	84
59) Fluorene	8.22	166	461237	39.50	ng		99
60) 2,3,4,6-Tetrachlorophenol	7.97	232	117554	42.44	ng		94
61) Diethylphthalate	8.09	149	472523	41.95	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	193857	39.61	ng		96
63) 4-Nitroaniline	8.25	138	138134	41.51	ng		96
64) Azobenzene	8.39	77	440377	39.59	ng		95
66) 4,6-Dinitro-2-methylphenol	8.27	198	54761	29.81	ng		87
67) n-Nitrosodiphenylamine	8.35	169	430578	41.26	ng		99
68) 4-Bromophenyl-phenylether	8.76	248	123124	42.21	ng		98
69) Hexachlorobenzene	8.83	284	125423	41.23	ng		98
70) Atrazine	8.96	200	115517	42.56	ng		99
71) Pentachlorophenol	9.06	266	140670	75.10	ng		96
72) Phenanthrene	9.31	178	704789	42.50	ng		100
73) Anthracene	9.37	178	681458	40.38	ng		99
74) Carbazole	9.56	167	676345	40.75	ng		99
75) Di-n-butylphthalate	9.99	149	764411	41.21	ng		99
76) Fluoranthene	10.72	202	682775	42.59	ng		99
78) Benzidine	10.90	184	255783	39.05	ng		97
79) Pyrene	10.99	202	712857	44.71	ng		100
81) Butylbenzylphthalate	11.81	149	309326	43.75	ng		96
82) Benzo(a)anthracene	12.45	228	554197	42.73	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	165782	37.98	ng		99
84) Chrysene	12.49	228	533030	40.89	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	446395	44.91	ng		97
86) Di-n-octyl phthalate	13.29	149	758673	45.34	ng		95
87) Indeno(1,2,3-cd)pyrene	16.34	276	474195m	36.10	ng		
89) Benzo(b)fluoranthene	13.76	252	449856	44.28	ng		98
90) Benzo(k)fluoranthene	13.80	252	482197m	45.45	ng		
91) Benzo(a)pyrene	14.24	252	421347	42.17	ng		100
92) Dibenzo(a,h)anthracene	16.40	278	386995	42.90	ng		98
93) Benzo(g,h,i)perylene	16.97	276	416079	45.23	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-01(12-14)MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3828-05MSD

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030398.D

Level: (low/med) LOW Date Received: 08/06/09

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	420	
108-95-2	Phenol	1600	
111-44-4	bis(2-Chloroethyl)ether	1600	
95-57-8	2-Chlorophenol	1600	
95-48-7	2-Methylphenol	1600	
108-60-1	2,2-oxybis(1-Chloropropane)	1600	
98-86-2	Acetophenone	1500	
65794-96-9	3+4-Methylphenols	1600	
621-64-7	N-Nitroso-di-n-propylamine	1500	
67-72-1	Hexachloroethane	1400	
98-95-3	Nitrobenzene	1600	
78-59-1	Isophorone	1600	
88-75-5	2-Nitrophenol	1600	
105-67-9	2,4-Dimethylphenol	1600	
111-91-1	bis(2-Chloroethoxy)methane	1600	
120-83-2	2,4-Dichlorophenol	1600	
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	980	
87-68-3	Hexachlorobutadiene	1500	
105-60-2	Caprolactam	1600	
59-50-7	4-Chloro-3-methylphenol	1600	
91-57-6	2-Methylnaphthalene	1500	
77-47-4	Hexachlorocyclopentadiene	2300	
88-06-2	2,4,6-Trichlorophenol	1600	
95-95-4	2,4,5-Trichlorophenol	1600	
92-52-4	1,1-Biphenyl	1500	
91-58-7	2-Chloronaphthalene	1500	
88-74-4	2-Nitroaniline	1600	
131-11-3	Dimethylphthalate	1900	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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SB-01(12-14)MSD

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Matrix (soil/water): SOIL Lab Sample ID: A3828-05MSD

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% Moisture: 10 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1500	
606-20-2	2,6-Dinitrotoluene	1600	
99-09-2	3-Nitroaniline	1300	
83-32-9	Acenaphthene	1500	
51-28-5	2,4-Dinitrophenol	1000	
100-02-7	4-Nitrophenol	3400	E
132-64-9	Dibenzofuran	1500	
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	1600	
7005-72-3	4-Chlorophenyl-phenylether	1500	
86-73-7	Fluorene	1500	
100-01-6	4-Nitroaniline	1500	
534-52-1	4,6-Dinitro-2-methylphenol	1300	
86-30-6	N-Nitrosodiphenylamine	1600	
101-55-3	4-Bromophenyl-phenylether	1500	
118-74-1	Hexachlorobenzene	1500	
1912-24-9	Atrazine	1600	
87-86-5	Pentachlorophenol	3000	E
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	1500	
86-74-8	Carbazole	1500	
84-74-2	Di-n-butylphthalate	1500	
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1700	
85-68-7	Butylbenzylphthalate	1600	
91-94-1	3,3-Dichlorobenzidine	1400	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	1600	

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-01(12-14)MSD

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3828-05MSD

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030398.D

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Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

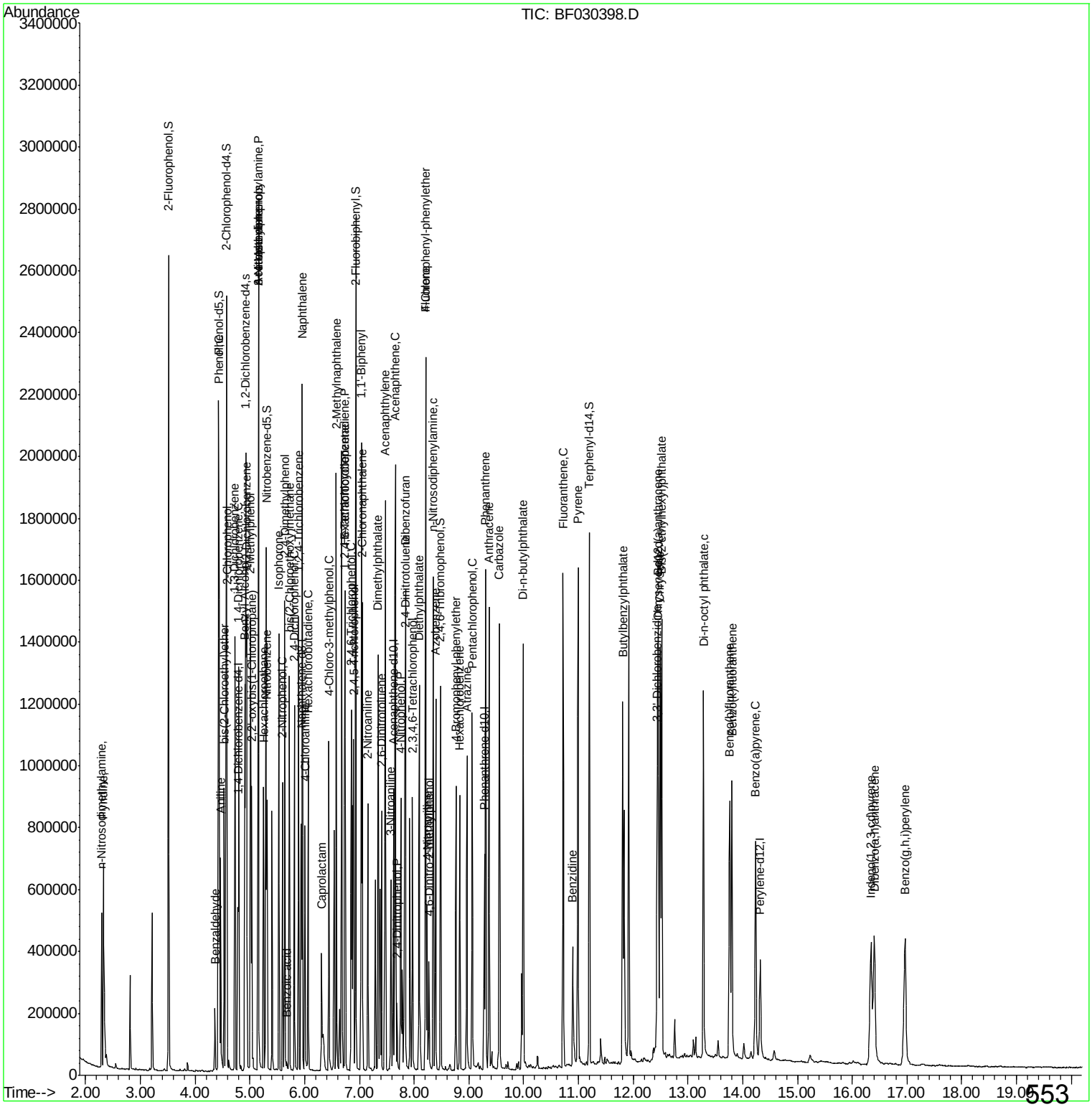
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1600	
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	1600	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenz(a,h)anthracene	1600	
191-24-2	Benzo(g,h,i)perylene	1700	

Comments:

Quantitation Report (QT Reviewed)

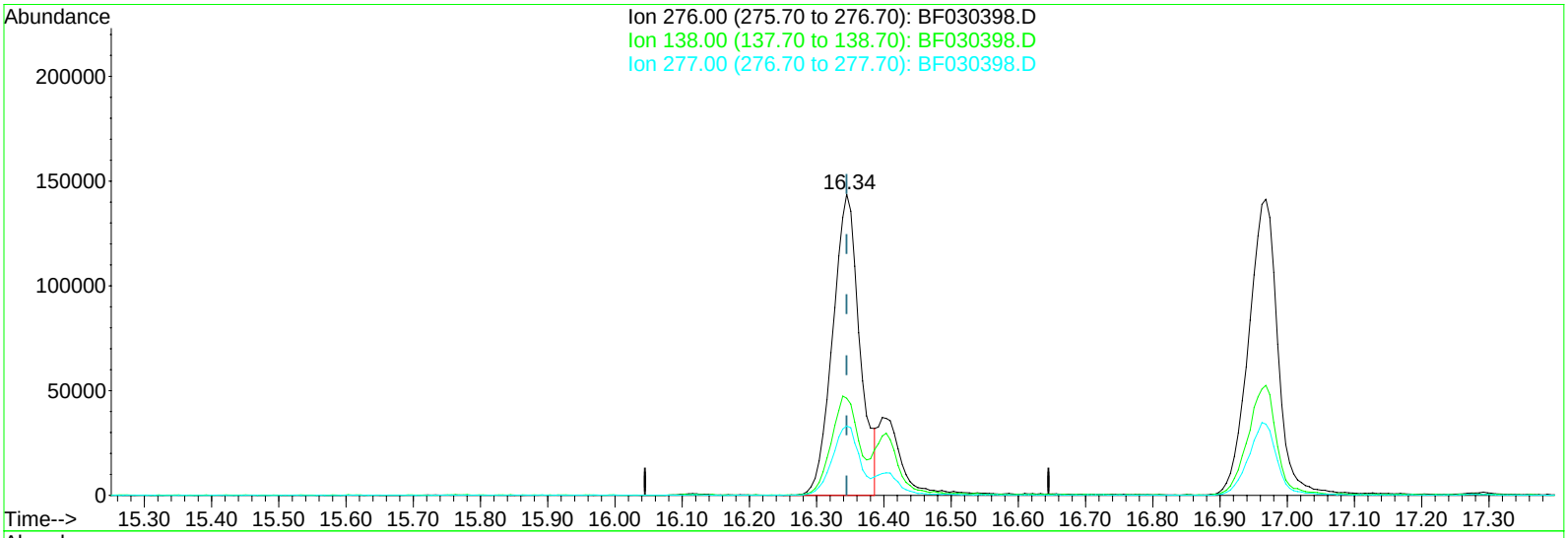
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

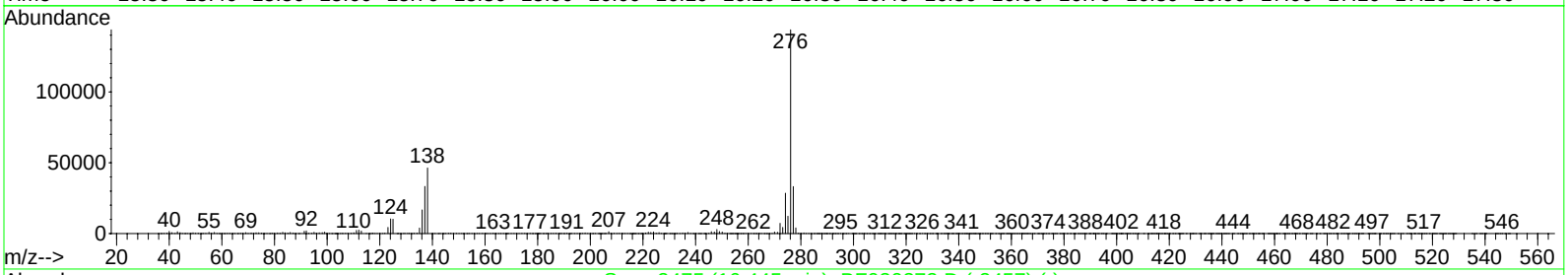
Quant Time: Aug 08 11:09:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

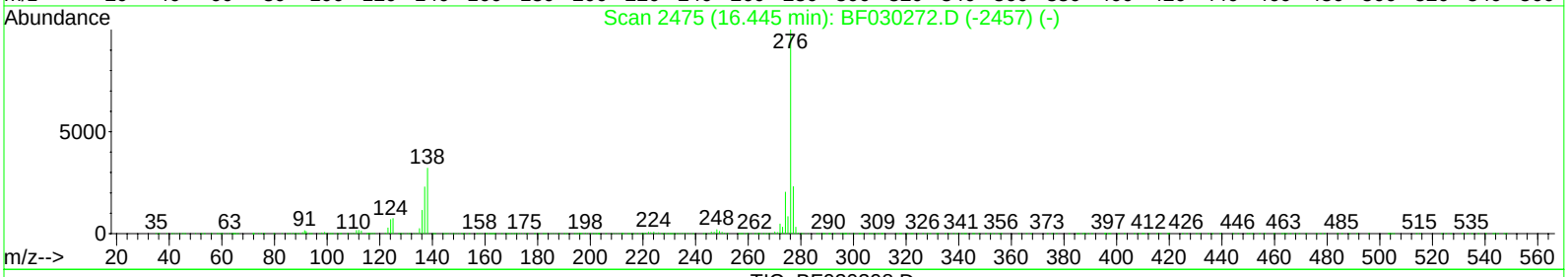


Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:42:01 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (0.000) 30.17ng

response 400372

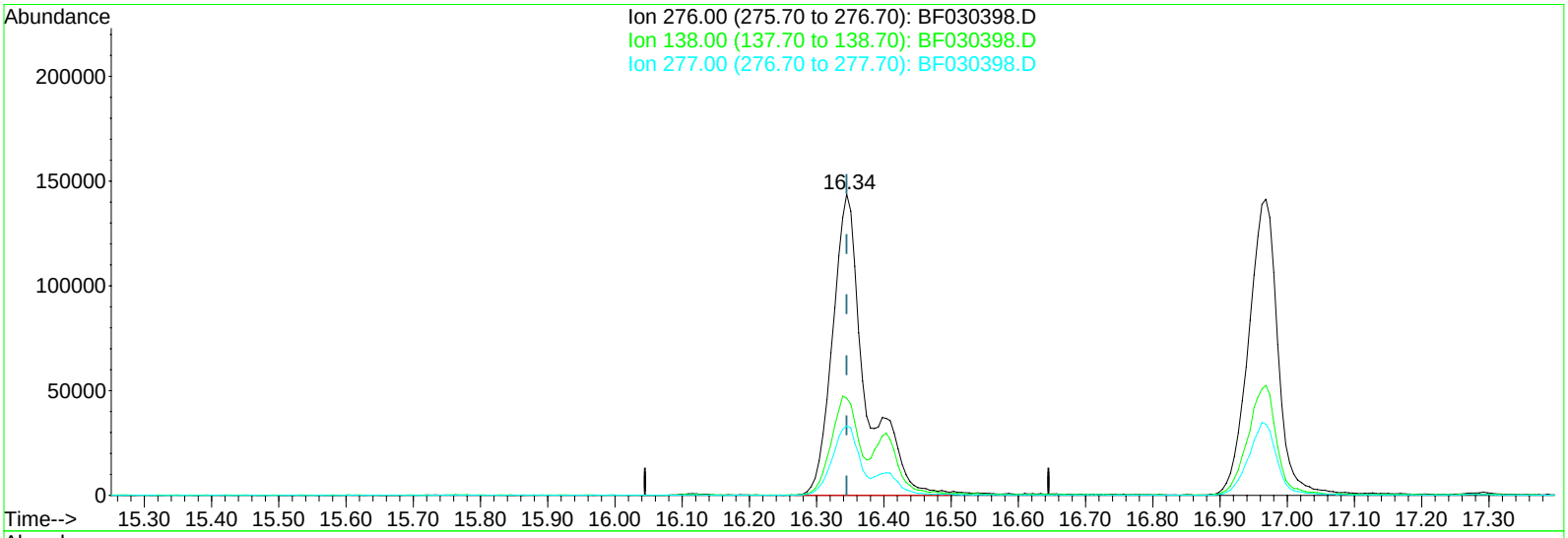
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	32.70#
277.00	19.30	22.98
0.00	0.00	0.00

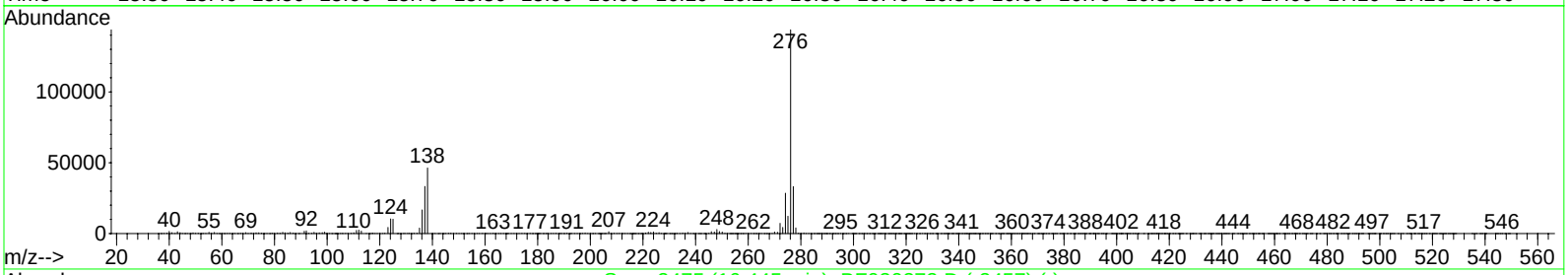
554

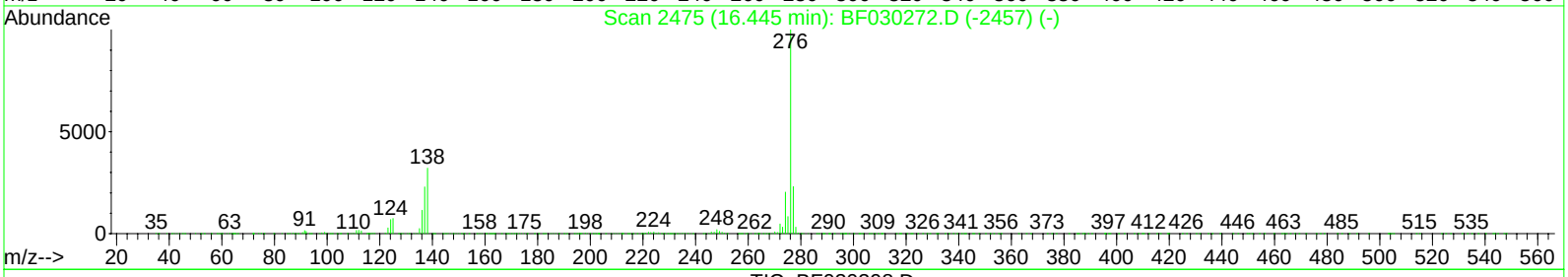
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:42:01 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(87) Indeno(1,2,3-cd)pyrene

16.345min (0.000) 36.91ng m

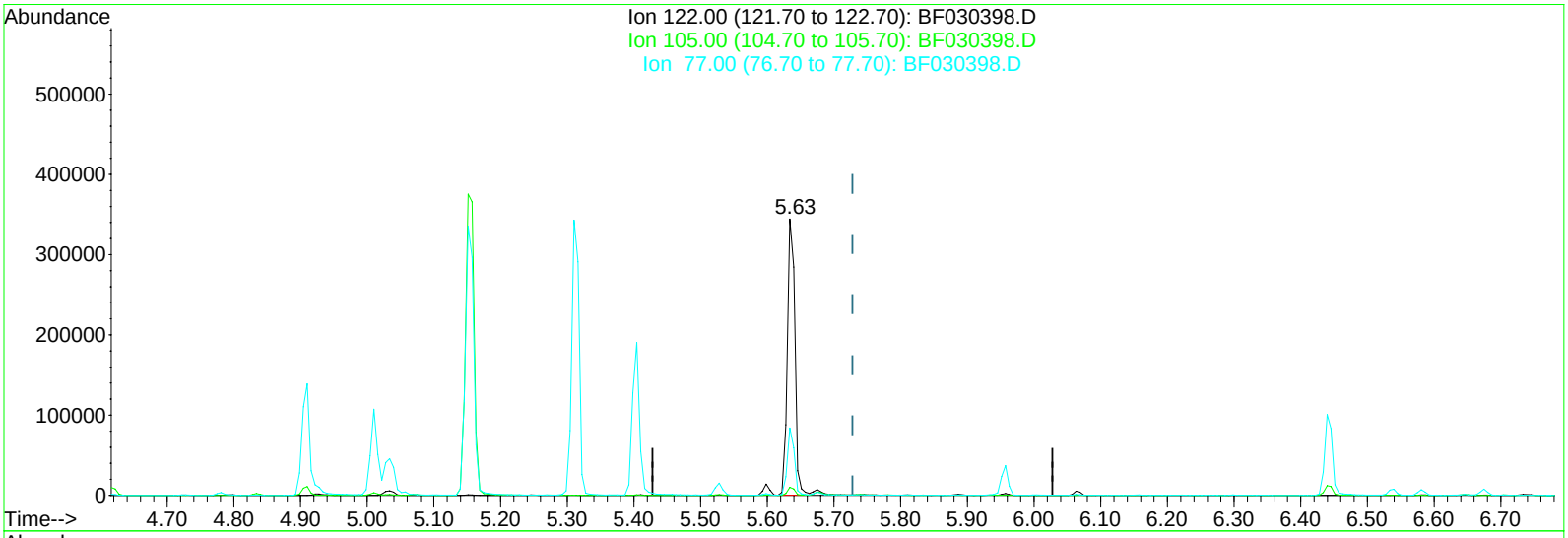
response 489749

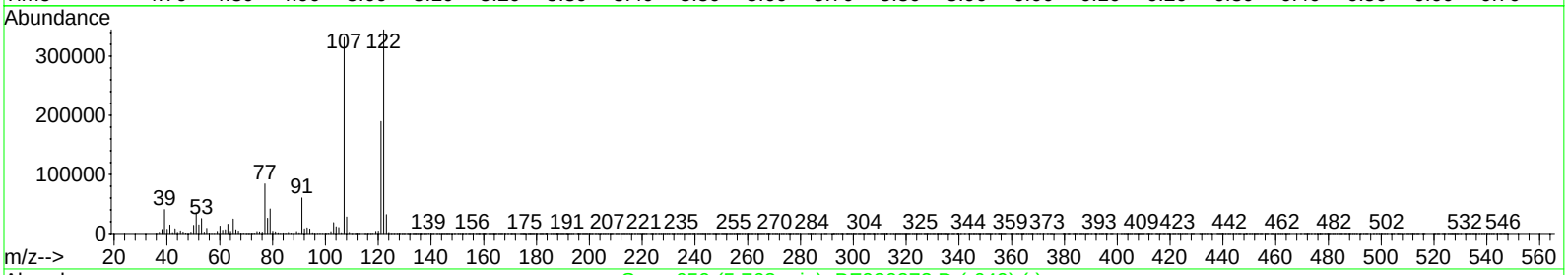
Ion	Exp%	Act%
276.00	100	100
138.00	26.30	26.73
277.00	19.30	18.78
0.00	0.00	0.00

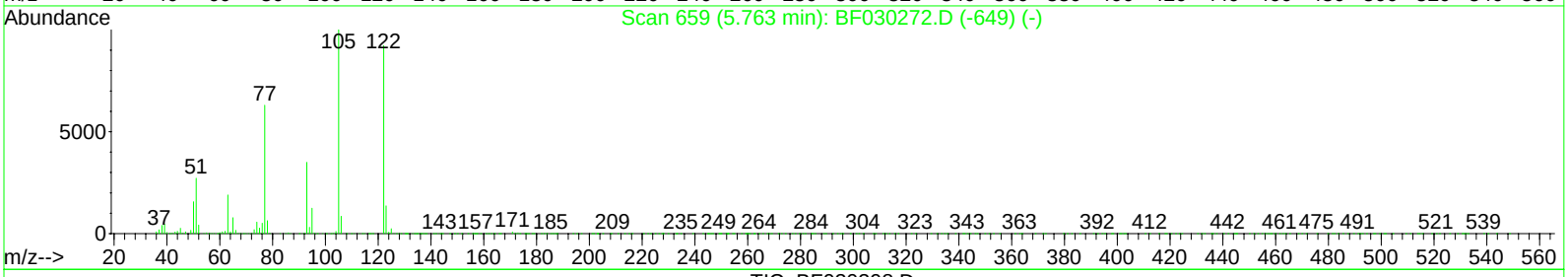
555

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:44:44 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(34) Benzoic acid

5.634min (-0.094) 61.54ng

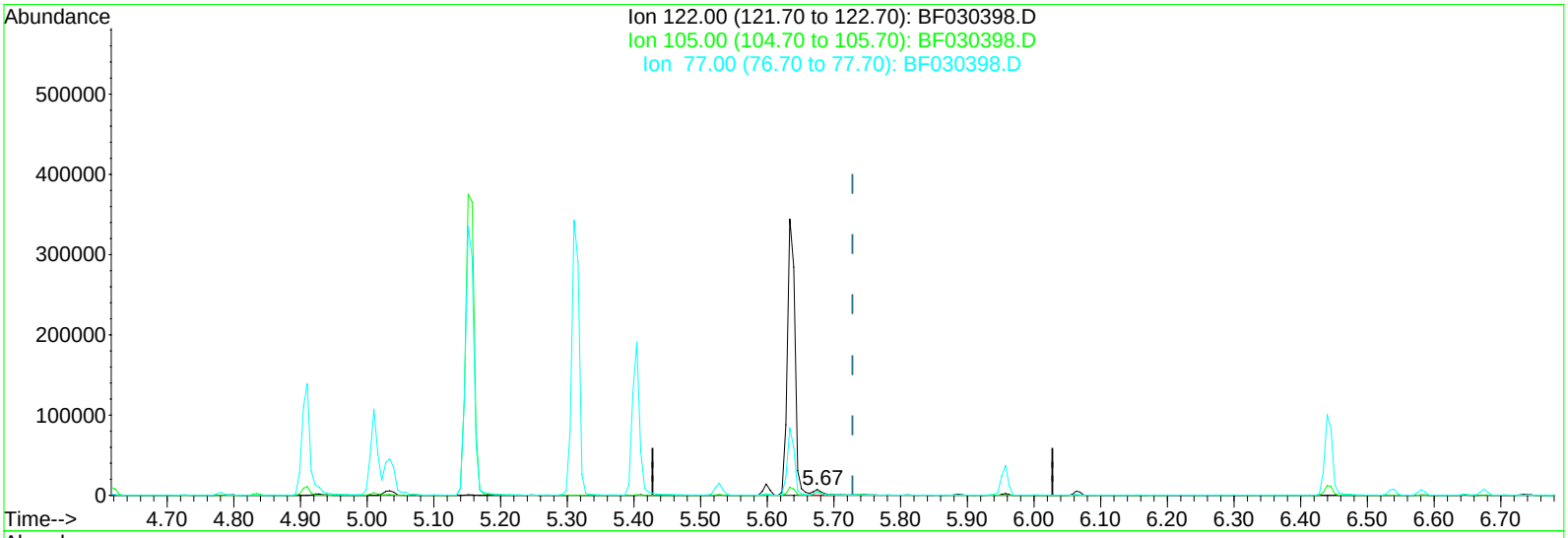
response 269559

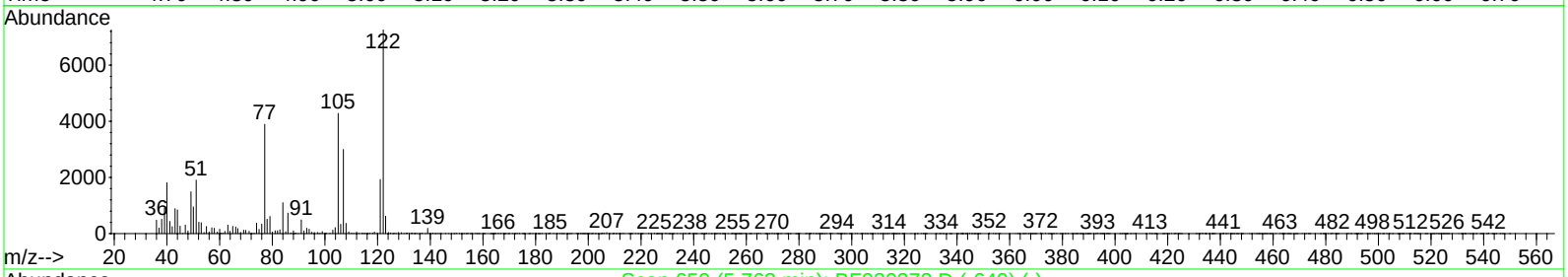
Ion	Exp%	Act%
122.00	100	100
105.00	107.80	2.91#
77.00	63.30	24.40#
0.00	0.00	0.00

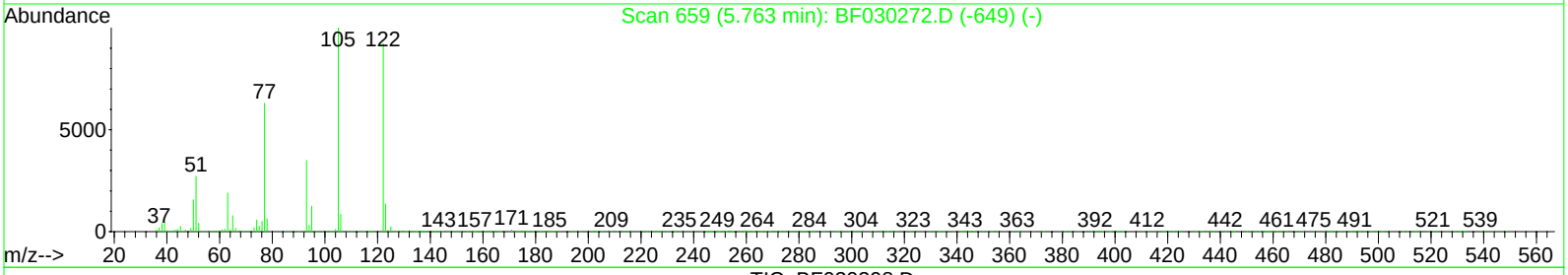
556

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:44:44 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(34) Benzoic acid

5.675min (-0.053) 8.04ng m

response 7168

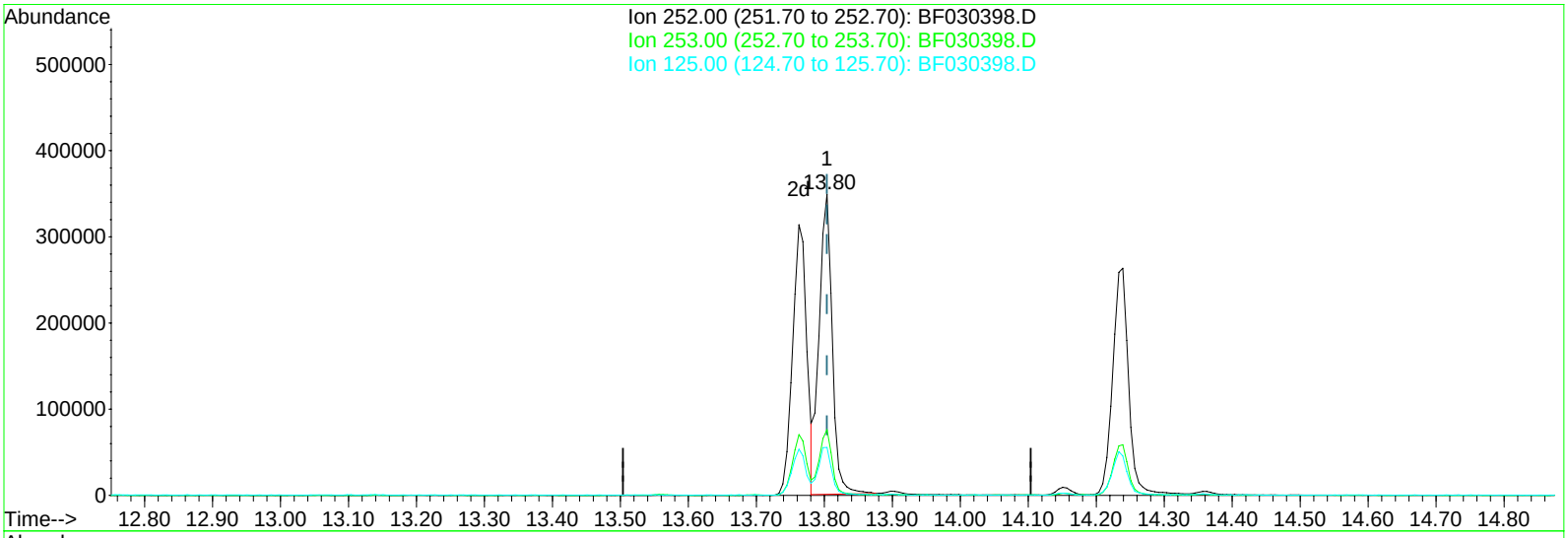
Ion	Exp%	Act%
122.00	100	100
105.00	107.80	59.01#
77.00	63.30	53.68
0.00	0.00	0.00

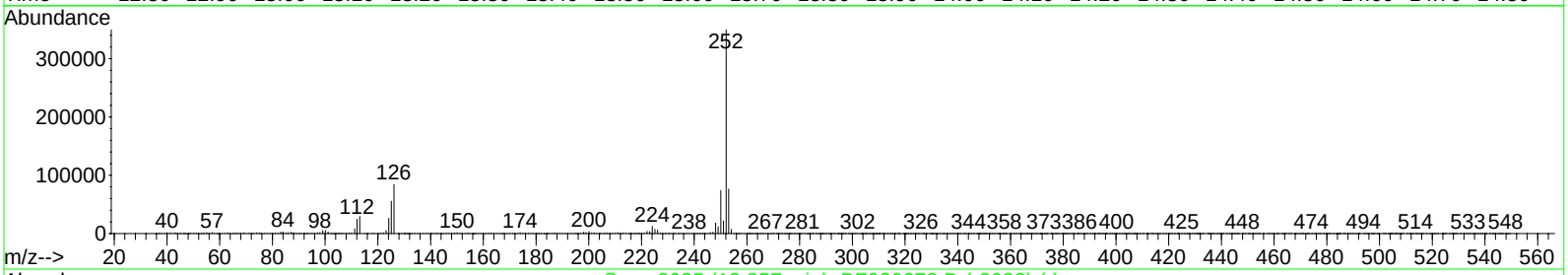
557

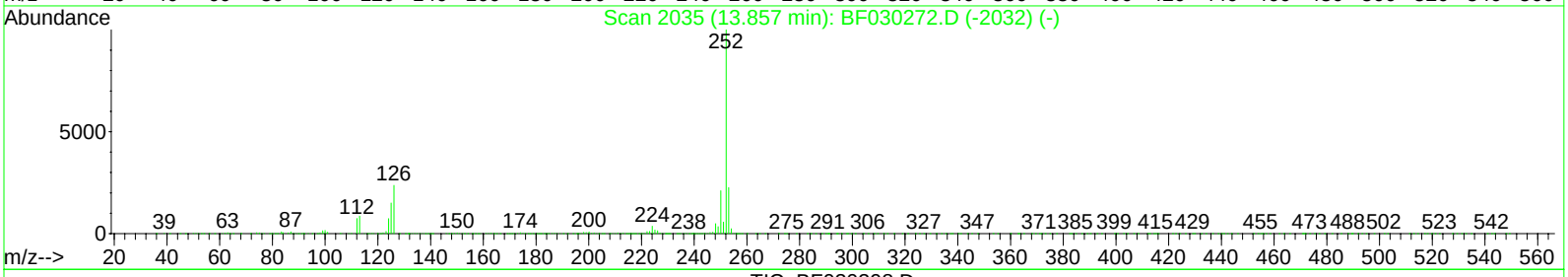
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:42:01 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(90) Benzo(k)fluoranthene

13.804min (-0.000) 43.31ng

response 465667

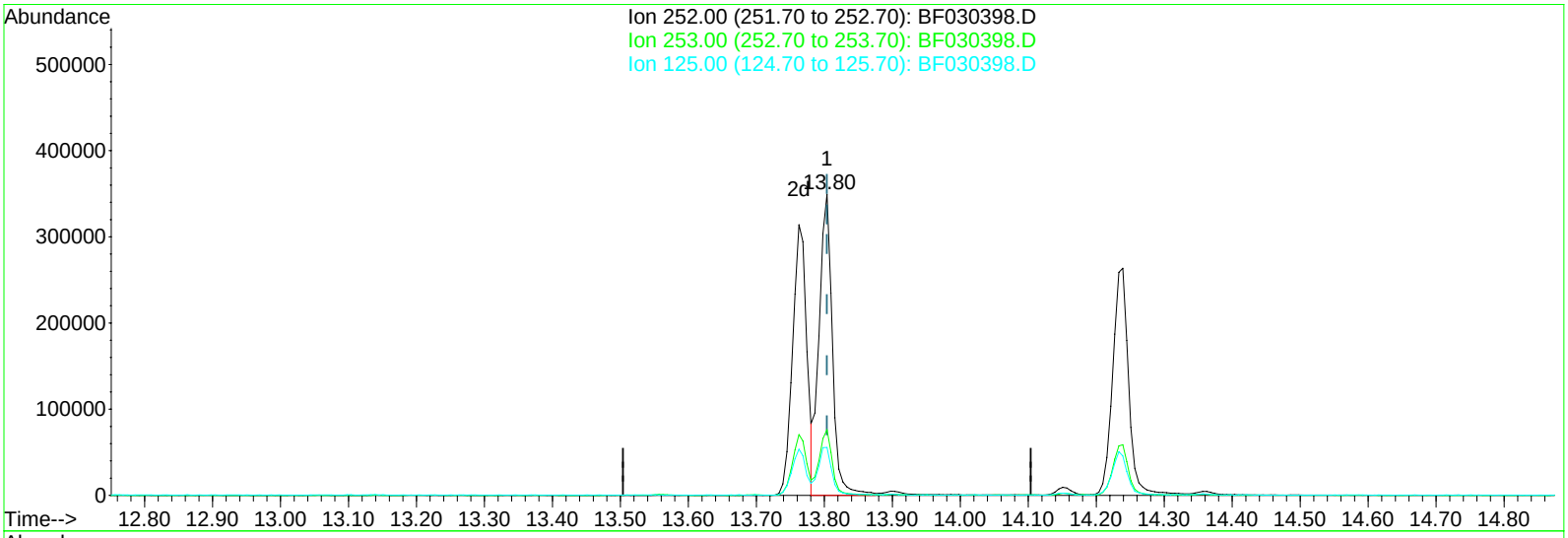
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.81
125.00	16.20	15.89
0.00	0.00	0.00

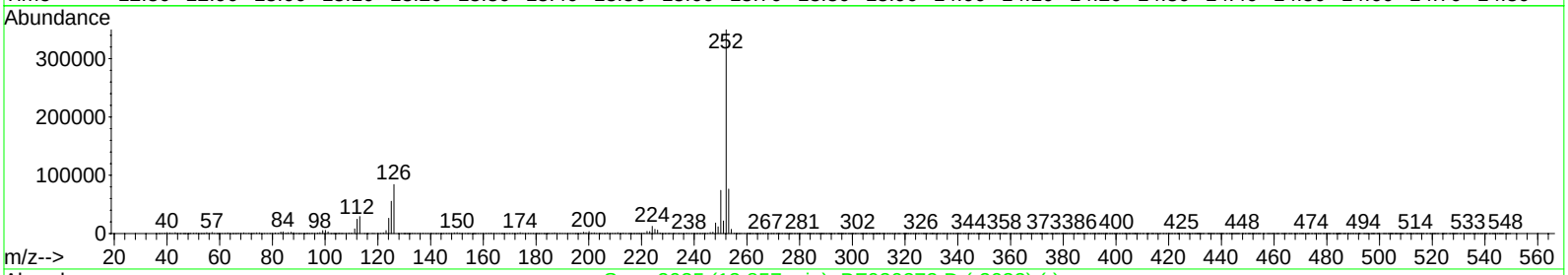
558

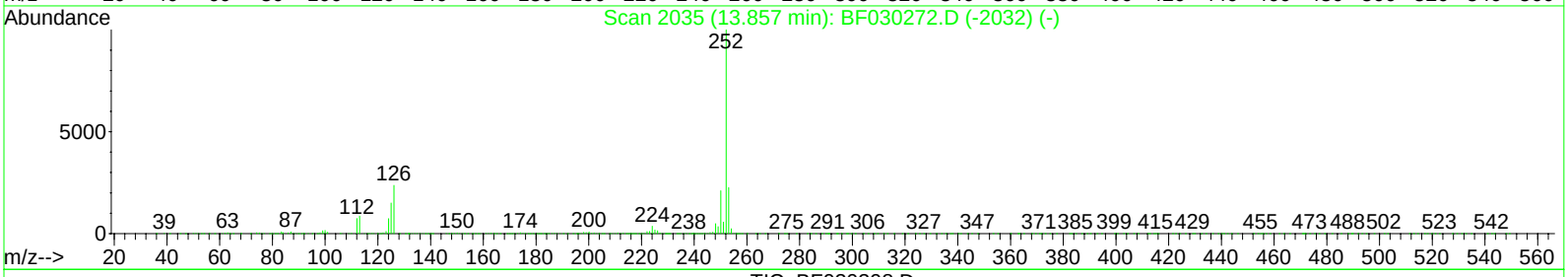
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 00:42:01 2009
Quant Method : Z:\HPCHEM1\BNA F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration







TIC: BF030398.D

(90) Benzo(k)fluoranthene

13.804min (-0.000) 44.16ng m

response 474743

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.81
125.00	16.20	15.89
0.00	0.00	0.00

559

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 11:09:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	109903	20.00	ng		0.00
23) Naphthalene-d8	5.94	136	399476	20.00	ng		0.00
40) Acenaphthene-d10	7.62	164	196364	20.00	ng		0.00
65) Phenanthrene-d10	9.28	188	303575	20.00	ng		0.00
77) Chrysene-d12	12.46	240	237897	20.00	ng		0.00
88) Perylene-d12	14.32	264	178676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.52	112	778249	126.42	ng		0.00
7) Phenol-d5	4.43	99	979143	127.94	ng		0.00
12) 2-Chlorophenol-d4	4.57	132	745655	129.17	ng		0.00
15) 1,2-Dichlorobenzene-d4	4.93	152	326807	86.69	ng		0.00
25) Nitrobenzene-d5	5.30	82	509614	90.55	ng		0.00
43) 2,4,6-Tribromophenol	8.49	330	158520	129.62	ng		0.00
46) 2-Fluorobiphenyl	6.93	172	867133	88.17	ng		0.00
80) Terphenyl-d14	11.20	244	645470	89.30	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.33	79	320366	40.32	ng	#	80
4) n-Nitrosodimethylamine	2.29	42	106000	44.22	ng	#	72
6) Aniline	4.46	93	289525	26.73	ng		99
8) 2-Chlorophenol	4.58	128	312809	42.09	ng		99
9) Benzaldehyde	4.36	77	35656	11.48	ng		98
10) Phenol	4.44	94	379441	43.62	ng		85
11) bis(2-Chloroethyl)ether	4.53	93	301970	42.23	ng		89
13) 1,3-Dichlorobenzene	4.73	146	323961	39.73	ng		98
14) 1,4-Dichlorobenzene	4.80	146	330559	39.69	ng		96
16) 1,2-Dichlorobenzene	4.94	146	304439	41.09	ng		99
17) Benzyl Alcohol	4.91	79	206939	42.61	ng		97
18) 2,2'-oxybis(1-Chloropropan	5.03	45	425373	42.60	ng		94
19) 2-Methylphenol	5.01	107	239235	42.72	ng		98
20) Hexachloroethane	5.25	117	105187	38.28	ng	#	85
21) n-Nitroso-di-n-propylamine	5.16	70	165134	41.29	ng		96
22) 3+4-Methylphenols	5.15	107	271904	42.04	ng	#	66
24) Acetophenone	5.15	105	339574	41.98	ng	#	94
26) Nitrobenzene	5.31	77	265480	42.77	ng		92
27) Isophorone	5.53	82	525383	42.69	ng		99
28) 2-Nitrophenol	5.60	139	170849	43.35	ng		98
29) 2,4-Dimethylphenol	5.63	122	269559	44.56	ng		98
30) bis(2-Chloroethoxy)methane	5.72	93	337649	43.35	ng		98
31) 2,4-Dichlorophenol	5.81	162	238800	42.48	ng		99
32) 1,2,4-Trichlorobenzene	5.89	180	237701	40.77	ng		98
33) Naphthalene	5.96	128	845014	41.28	ng		99
34) Benzoic acid	5.67	122	7168m	8.04	ng		
35) 4-Chloroaniline	6.00	127	217818	26.59	ng		99
36) Hexachlorobutadiene	6.07	225	109241	39.65	ng		98
37) Caprolactam	6.31	113	92183	43.08	ng	#	80
38) 4-Chloro-3-methylphenol	6.44	107	217108	42.04	ng		95
39) 2-Methylnaphthalene	6.58	142	505268	40.23	ng		98
41) 1,2,4,5-Tetrachlorobenzene	6.75	216	187470	38.40	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080709\
Data File : BF030398.D
Acq On : 7 Aug 2009 23:04
Operator : QM
Sample : A3828-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 11:09:54 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Hexachlorocyclopentadiene	6.73	237	174733	63.56	ng		99
44) 2,4,6-Trichlorophenol	6.85	196	151168	43.76	ng		99
45) 2,4,5-Trichlorophenol	6.89	196	156767	43.42	ng		97
47) 1,1'-Biphenyl	7.03	154	615487	39.90	ng		99
48) 2-Chloronaphthalene	7.05	162	468731	40.36	ng		99
49) 2-Nitroaniline	7.16	65	121541	42.37	ng		86
50) Acenaphthylene	7.47	152	775293	40.39	ng		98
51) Dimethylphthalate	7.35	163	626155	51.48	ng		98
52) 2,6-Dinitrotoluene	7.40	165	130830	43.06	ng		92
53) Acenaphthene	7.66	154	447456	39.78	ng		99
54) 3-Nitroaniline	7.57	138	116788	34.60	ng		97
55) 2,4-Dinitrophenol	7.69	184	37904	27.70	ng		94
56) Dibenzofuran	7.84	168	635872	40.10	ng		99
57) 4-Nitrophenol	7.76	139	221314	90.86	ng		94
58) 2,4-Dinitrotoluene	7.83	165	160876	43.25	ng	#	85
59) Fluorene	8.21	166	468199	39.44	ng		98
60) 2,3,4,6-Tetrachlorophenol	7.97	232	121683	43.21	ng	#	93
61) Diethylphthalate	8.09	149	481347	42.03	ng		98
62) 4-Chlorophenyl-phenylether	8.22	204	199351	40.06	ng		97
63) 4-Nitroaniline	8.24	138	135541	40.06	ng		98
64) Azobenzene	8.39	77	449125	39.71	ng		95
66) 4,6-Dinitro-2-methylphenol	8.27	198	63254	34.26	ng		89
67) n-Nitrosodiphenylamine	8.35	169	442669	42.20	ng		99
68) 4-Bromophenyl-phenylether	8.76	248	121475	41.43	ng		98
69) Hexachlorobenzene	8.83	284	124631	40.76	ng		98
70) Atrazine	8.96	200	115202	42.22	ng		99
71) Pentachlorophenol	9.06	266	153212	81.37	ng		99
72) Phenanthrene	9.31	178	730166	43.81	ng		100
73) Anthracene	9.37	178	689139	40.62	ng		99
74) Carbazole	9.56	167	693071	41.54	ng		99
75) Di-n-butylphthalate	9.99	149	773172	41.47	ng		99
76) Fluoranthene	10.72	202	701406	43.53	ng		99
78) Benzidine	10.90	184	180596	27.29	ng		99
79) Pyrene	10.99	202	725418	45.04	ng		99
81) Butylbenzylphthalate	11.81	149	307605	43.06	ng		96
82) Benzo(a)anthracene	12.45	228	564006	43.04	ng		99
83) 3,3'-Dichlorobenzidine	12.43	252	164912	37.39	ng		98
84) Chrysene	12.49	228	537996	40.85	ng		98
85) Bis(2-ethylhexyl)phthalate	12.52	149	441087	43.92	ng		97
86) Di-n-octyl phthalate	13.29	149	755871	44.71	ng		95
87) Indeno(1,2,3-cd)pyrene	16.34	276	489749m	36.91	ng		
89) Benzo(b)fluoranthene	13.76	252	454659	44.16	ng		97
90) Benzo(k)fluoranthene	13.80	252	474743m	44.16	ng		
91) Benzo(a)pyrene	14.24	252	429162	42.38	ng		99
92) Dibenzo(a,h)anthracene	16.40	278	398079	43.54	ng		97
93) Benzo(g,h,i)perylene	16.97	276	427978	45.91	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

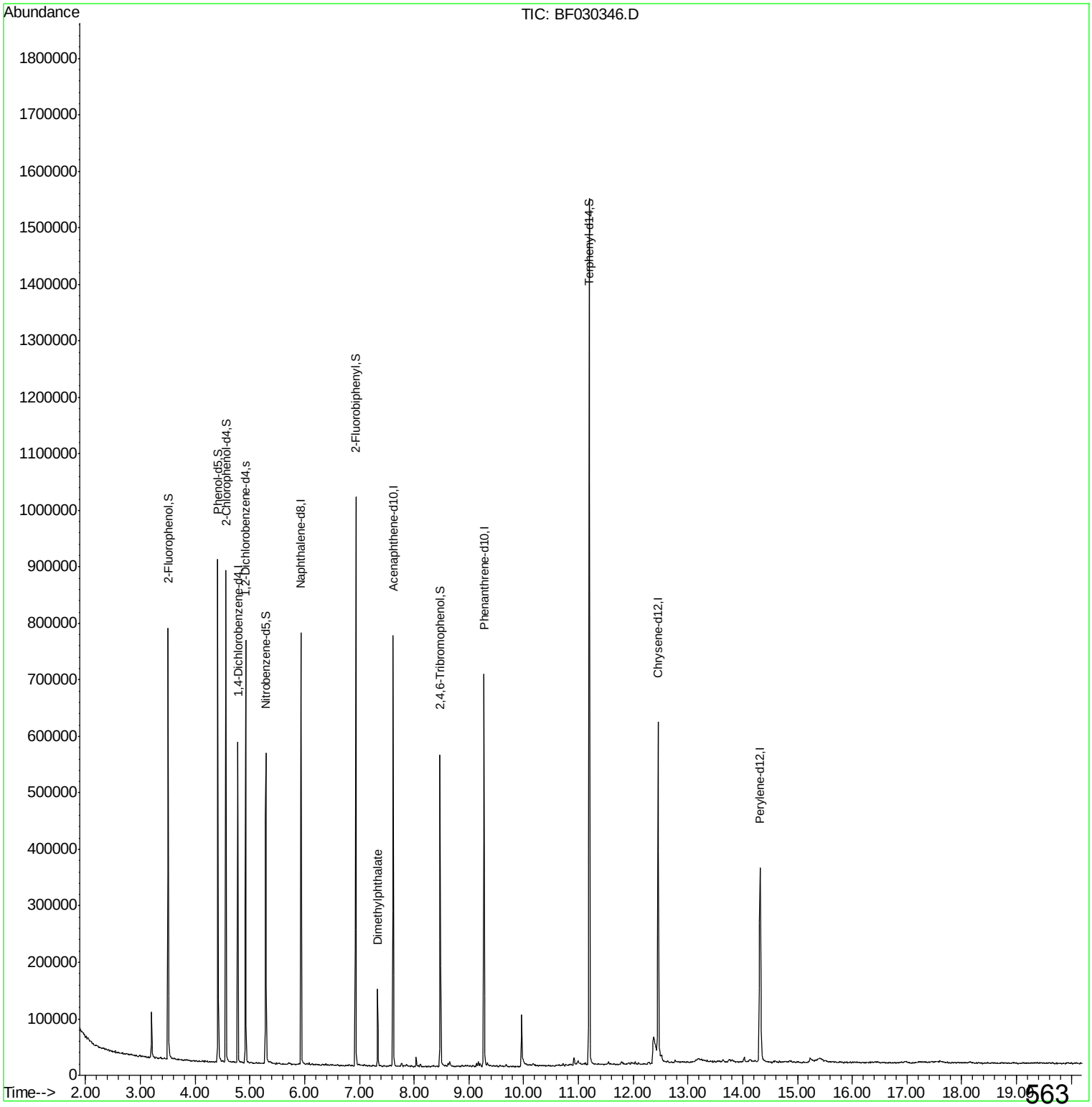
CHEMTECH

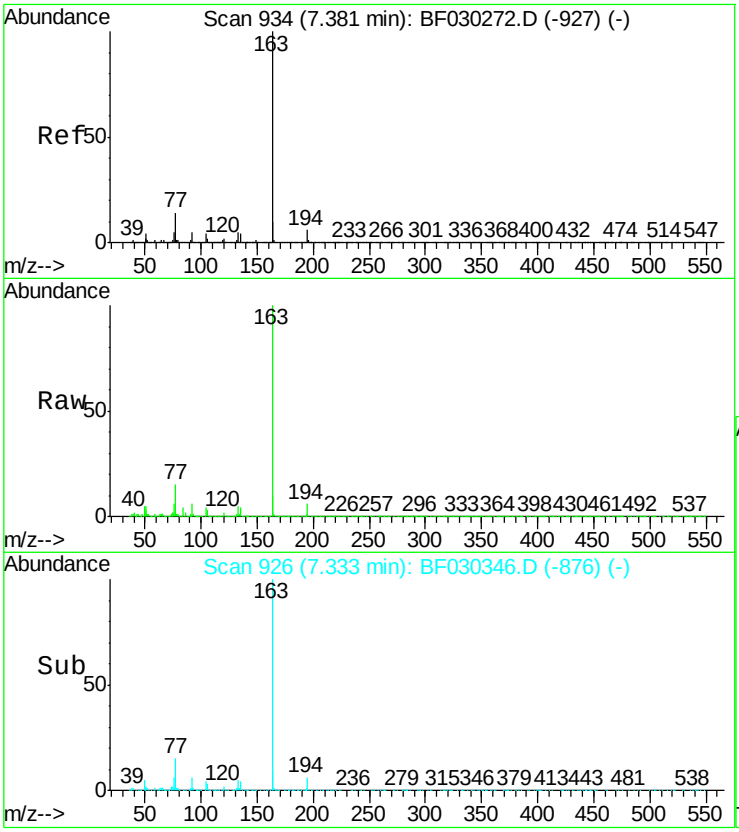
SEMI-VOLATILE MISCELLANEOUSDATA

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030346.D
Acq On : 6 Aug 2009 18:03
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 06 23:10:17 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

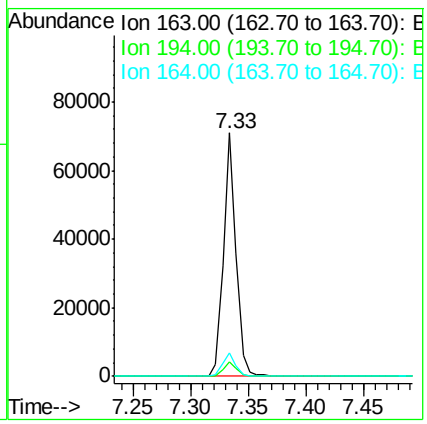




#51
Dimethylphthalate
Concen: 5.13 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF030346.D
Acq: 6 Aug 2009 18:03

Tgt Ion:163 Resp: 53627

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.5	6.7
164	9.5	8.5	12.7



Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080609\
Data File : BF030346.D
Acq On : 6 Aug 2009 18:03
Operator : QM
Sample : A3816-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 06 23:10:17 2009
Quant Method : Z:\HPCHEM1\BNA_F\METHOD\8270-BF080409.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 16:58:15 2009
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.78	152	90655	20.00	ng	0.00
23) Naphthalene-d8	5.93	136	333069	20.00	ng	0.00
40) Acenaphthene-d10	7.62	164	168744	20.00	ng	0.00
65) Phenanthrene-d10	9.27	188	277559	20.00	ng	0.00
77) Chrysene-d12	12.46	240	241012	20.00	ng	0.00
88) Perylene-d12	14.32	264	209508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.50	112	221320	43.58	ng	0.00
7) Phenol-d5	4.42	99	326617	51.74	ng	-0.01
12) 2-Chlorophenol-d4	4.56	132	236722	49.72	ng	0.00
15) 1,2-Dichlorobenzene-d4	4.92	152	109333	35.16	ng	0.00
25) Nitrobenzene-d5	5.29	82	154203	32.86	ng	0.00
43) 2,4,6-Tribromophenol	8.48	330	73146	69.60	ng	0.00
46) 2-Fluorobiphenyl	6.93	172	334442	39.57	ng	0.00
80) Terphenyl-d14	11.20	244	547158	74.72	ng	0.00
Target Compounds						Qvalue
51) Dimethylphthalate	7.33	163	53627	5.13	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	A3816	**OrderDate:**	8/5/2009 12:32:48 PM
Client:	C.T. Male & Associates	**Project:**	Old Troy Municipal Incine
Contact:	Kirk Moline	**Location:**	H52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
A3816-01	**SBM-7**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-04	**SBM-1**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-05	**SBM-8**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/07/09	08/07/09	
A3816-06	**FDSS080309**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-07	**SBM-2**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-08	**SBM-11**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-09	**SBM-12**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-10	**SBM-4**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-11	**SBM-3**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-12	**SBM-5**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-13	**SBM-9**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/07/09	
A3816-14	**EB080309**	**WATER**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/07/09	

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LAB CHRONICLE

A3816-15	**SBM-10**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/07/09	
A3816-16	**SBM-6**	**SOIL**			**08/03/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/07/09	
A3816-17	**SBM-6-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-18	**SBM-3-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-19	**SBM-4-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-20	**SBM-2-S-3**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-21	**SBM-9-S-1**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	
A3816-22	**SBM-1-S-2**	**SOIL**			**08/04/09**			**08/05/09**
			SVOC-TCL BNA -20	8270		08/06/09	08/06/09	

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NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: A3816 MATRIX: Water/soil

METHOD: 8270/3510/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓
	The Calibration met the requirements.			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
	The Blank analysis indicated presence of Dimethylphthalate(140 ug/kg and 230 ug/Kg) in file id BF030340.D and BF030382.D due to possible lab contamination.			
7.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples.			

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis. SBM-8 was re-extracted because of low recovery of the surrogate . Original data for that sample with file id BF030346.D is reported in Miscellaneous data.

_____

QA REVIEW

CHEMTECH **EXTRACTION LOGPAGE**

SOP#: M 3510

Matrix : Water

Clean Up Method: N/A.

Review By:

Batch# PB43887

Extraction Date : 8/6/2009 12:00:00 AM

Extracted By : MG

Method of Extraction

☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	50|100 PPM	OEP2115
Surrogate	1.0ML	100|150 PPM	OEP2097

Chemical Used	Lot Number
Methylene Chloride	ER1593
Sodium Sulfate	ER1567
H2SO4 1:1	X861
NAOH	X862

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 60.1 C

Received Date: 8/7/09

Delivered Date: 08/07/09

Envap Temperature: 40 C

Received By: GM

Delivered By: RP

Analysis Group: HP, QM

Extraction Group: BP, DM, DP, MA, MBS, MGS, MM, RP

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43887**

Method: 8270 Water **Supervisor Review:** _____ **Date:** 8/10/09 ~~8/10/09~~

Initials: MGS **Concentration Date:** 8/6/09

Extraction Date: 8/6/2009 12:00:00 AM **Initials:** MGS

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
A3816-14	EB080309	SVOC-TCL BNA -20	940	5	MGS	1	
PB43887BL	PB43887BL	SVOC-TCL BNA -20	1000	5	↓	↓	Qw 8/7/09
PB43887BS	PB43887BS	SVOC-TCL BNA -20	1000	5	↓	↓	↓
PB43887BSD	PB43887BSD	SVOC-TCL BNA -20	1000	5	↓	↓	↓

* **Extracts relinquished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.**

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43889**

Method:_____ **Supervisor Review:**_____ **Date:**____/____/____

Initials:_____ **Concentration Date:**____/____/____

Extraction Date: 8/6/2009 12:00:00 AM **Initials:**_____

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
A3822-01	EFF-WW	SVOCMS Group1	940	9	BhupendraPatel	1	
PB43889BL	PB43889BL	SVOCMS Group1	1000	5	BhupendraPatel	1	
PB43889BS	PB43889BS	SVOCMS Group1	1000	5	BhupendraPatel	1	
PB43889BSD	PB43889BSD	SVOCMS Group1	1000	5	BhupendraPatel	1	

* Extracts relinquished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH **EXTRACTION LOGPAGE**

SOP ID: M 3541 **Batch#** PB43894

Matrix : Solid **Extraction Date :** 08/06/2009

Clean Up SOP #: N/A. **Review By :**

Weigh By: BP **Extraction By:** MGS/BP **Filter By:** _____ **Concentration By:** MM

Balance check: BP **Weight 1:** (20.00) 20.00 **Weight 2:** (120.00g 120.01

Method of Extraction

☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	1.0ML	5011600ppm	OEP2115
Surrogate	1.0ML	10011580 ppm	OEP2097

Chemical Used	Lot Number
Methylene Chloride	ER1593
Acetone	ER1589
Sodium Sulfate	ER1567

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 60.2° C **Envap Temperature:** 40° C

Received Date: 08/06/09 **Received By:** BM

Delivered Date: 08/06/09 **Delivered By:** MM

Analysis Group: QM, HP

Extraction Group: DP, BP, MBS, (MM) RP, DM, MA, MGS

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43894**

Analytical Method: 8270 **Extraction Date:** 08/06/2009 **Concentration Date:** 08/06/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
PB43894BL	PB43894BL	SVOC-TCL BNA -20	30.03	NA	MG	DP	1	
PB43894BS	PB43894BS	SVOC-TCL BNA -20	30.01					
A3816-01	SBM-7	SVOC-TCL BNA -20	30.05					
A3816-02	A3816-01MS	SVOC-TCL BNA -20	30.08					
A3816-03	A3816-01MSD	SVOC-TCL BNA -20	30.04					
A3816-04	SBM-1	SVOC-TCL BNA -20	30.06					
A3816-05	SBM-8	SVOC-TCL BNA -20	30.08					
A3816-06	FDSS080309	SVOC-TCL BNA -20	30.11					
A3816-07	SBM-2	SVOC-TCL BNA -20	30.05					
A3816-08	SBM-11	SVOC-TCL BNA -20	30.04					
A3816-09	SBM-12	SVOC-TCL BNA -20	30.06					
A3816-10	SBM-4	SVOC-TCL BNA -20	30.09					
A3816-11	SBM-3	SVOC-TCL BNA -20	30.11					
A3816-12	SBM-5	SVOC-TCL BNA -20	30.04					
A3816-13	SBM-9	SVOC-TCL BNA -20	30.06					
A3816-15	SBM-10	SVOC-TCL BNA -20	30.05					
A3816-16	SBM-6	SVOC-TCL BNA -20	30.11					
A3816-17	SBM-6-S-2	SVOC-TCL BNA -20	30.06					
A3816-18	SBM-3-S-1	SVOC-TCL BNA -20	30.05					
A3816-19	SBM-4-S-1	SVOC-TCL BNA -20	30.08					
A3816-20	SBM-2-S-3	SVOC-TCL BNA -20	30.12					

8/6/09

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43894**

Analytical Method: 8270/3510 **Extraction Date:** 08/06/2009 **Concentration Date:** 08/06/09

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
A3816-21	SBM-9-S-1	SVOC-TCL BNA -20	30.06	NA	MGS	PF	1	
A3816-22	SBM-1-S-2	SVOC-TCL BNA -20	30.08	〃	〃	〃	1	

8/06/09

* Extracts relinquished on the same date as received.

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43894**

Analytical Method:_____ **Extraction Date:** 08/06/2009 **Concentration Date:**___/___/___

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
PB43894BL	PB43894BL	SVOC-TCL BNA -20	30.03	N/A	Max	Bhupendra Patel	1	
PB43894BS	PB43894BS	SVOC-TCL BNA -20	30.01	N/A	Max	Bhupendra Patel	1	
A3816-01	SBM-7	SVOC-TCL BNA -20	30.05	N/A	Max	Bhupendra Patel	1	
A3816-02	A3816-01MS	SVOC-TCL BNA -20	30.08	N/A	Max	Bhupendra Patel	1	
A3816-03	A3816-01MSD	SVOC-TCL BNA -20	30.04	N/A	Max	Bhupendra Patel	1	
A3816-04	SBM-1	SVOC-TCL BNA -20	30.06	N/A	Max	Bhupendra Patel	1	
A3816-05	SBM-8	SVOC-TCL BNA -20	30.08	N/A	Max	Bhupendra Patel	1	
A3816-06	FDSS080309	SVOC-TCL BNA -20	30.11	N/A	Max	Bhupendra Patel	1	
A3816-07	SBM-2	SVOC-TCL BNA -20	30.05	N/A	Max	Bhupendra Patel	1	
A3816-08	SBM-11	SVOC-TCL BNA -20	30.04	N/A	Max	Bhupendra Patel	1	
A3816-09	SBM-12	SVOC-TCL BNA -20	30.06	N/A	Max	Bhupendra Patel	1	
A3816-10	SBM-4	SVOC-TCL BNA -20	30.09	N/A	Max	Bhupendra Patel	1	
A3816-11	SBM-3	SVOC-TCL BNA -20	30.11	N/A	Max	Bhupendra Patel	1	
A3816-12	SBM-5	SVOC-TCL BNA -20	30.04	N/A	Max	Bhupendra Patel	1	
A3816-13	SBM-9	SVOC-TCL BNA -20	30.06	N/A	Max	Bhupendra Patel	1	
A3816-15	SBM-10	SVOC-TCL BNA -20	30.05	N/A	Max	Bhupendra Patel	1	
A3816-16	SBM-6	SVOC-TCL BNA -20	30.11	N/A	Max	Bhupendra Patel	1	
A3816-17	SBM-6-S-2	SVOC-TCL BNA -20	30.06	N/A	Max	Bhupendra Patel	1	
A3816-18	SBM-3-S-1	SVOC-TCL BNA -20	30.05	N/A	Max	Bhupendra Patel	1	

* **Extracts relinguished on the same date as received.**

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID : PB43894**

Analytical Method:_____ **Extraction Date:** 08/06/2009 **Concentration Date:**___/___/___

Lab Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	Comments
					Added By	Verified By		
A3816-19	SBM-4-S-1	SVOC-TCL BNA -20	30.08	N/A	Max	Bhupendra Patel	1	
A3816-20	SBM-2-S-3	SVOC-TCL BNA -20	30.12	N/A	Max	Bhupendra Patel	1	
A3816-21	SBM-9-S-1	SVOC-TCL BNA -20	30.06	N/A	Max	Bhupendra Patel	1	
A3816-22	SBM-1-S-2	SVOC-TCL BNA -20	30.08	N/A	Max	Bhupendra Patel	1	

* **Extracts relinguished on the same date as received.**

CHEMTECH **EXTRACTION LOGPAGE**

SOP ID: M 3541 **Batch#** PB43919

Matrix : Solid **Extraction Date :** 08/07/2009

Clean Up SOP #: N/A. **Review By :**

Weigh By: BP **Extraction By:** BP **Filter By:** BP **Concentration By:** MM

Balance check: BP **Weight 1:** (20.00g 20.00g **Weight 2:** (120.00g 40.01g.

Method of Extraction

☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike	1.0ML	5201100 ppm	OEP2115
Surrogate	1.0ML	1001150 ppm	OEP2097

Chemical Used	Lot Number
Methylene Chloride	ER1593
Acetone	ER1589
Sodium Sulfate	ER1567

Extraction Conformance/Non-Conformance Comments:

* A 3816-05 original PB43919
and A 3808-03, 05 PB 43864
A 3779-04 PB 43818
reextracted 8-10-09.

KD Bath Temperature: 60.2 C **Envap Temperature:** 40° C

Received Date: 8/7/09 **Received By:**

Delivered Date: 08/07/09 **Delivered By:**

Analysis Group: QM, HP

Extraction Group: DP (BP), MBS, MM (RP), DM, MA, MGS

CHEMTECH **EXTRACTION LOGPAGE** **PrepBatch ID** **PB43919**

Analytical Method: 8270/SGLC **Extraction Date:** 08/07/2009 **Concentration Date:** 08/07/09

Lab Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By: Added By	Surr/Spike By: Verified By	Final Vol. (mL)	Comments
				W/q				
PB43919BL	PB43919BL	SVOC-TCL BNA	30.00		RP	BP	1	
PB43919BS	PB43919BS	SVOC-TCL BNA	30.02					
A3779-04	EB14-BOTTOM	SVOC-TCL BNA	30.03					
A3808-03	C1-S-3(10-12)	SVOC-TCL BNA	3.14					LIMITED Quantity.
A3808-05	C1-S-5(20-22)	SVOC-TCL BNA	10.02					LIMITED Quantity.
A3828-01	SS-1(0-6)	SVOC-TCL BNA	30.05					
A3828-02	SS-2(0-6)	SVOC-TCL BNA	30.11					
A3828-03	SB-01(12-14)	SVOC-TCL BNA	30.06					
A3828-04	A3828-03MS	SVOC-TCL BNA	30.08					
A3828-05	A3828-03MSD	SVOC-TCL BNA	30.11					
A3828-06	SB-02(14-16)	SVOC-TCL BNA	30.05					
A3828-07	SB-03(9-11)	SVOC-TCL BNA	30.04					
A3828-08	SB-05(9-11)	SVOC-TCL BNA	30.04					
A3828-09	SB-04(14-16)	SVOC-TCL BNA	30.05					
A3828-10	SB-06(9-11)	SVOC-TCL BNA	30.08					
A3828-11	SB-07(10-12)	SVOC-TCL BNA	30.05					
A3828-12	SB-08(14-16)	SVOC-TCL BNA	30.06				1	
A3838-01	SB-3(1.5-2.0)	SVOC-TCL BNA	3.05					Sample Matrix
A3845-01			30.11				1	
3846-01			30.05				1	
~~A3845-02~~								
~~A3845-03~~			30.08				1	
3847-01								
3816-05			30.06					

* Extracts relinquished on the same date as received.

8/7/09

CHEMTECH

EXTRACTION LOGPAGE

Method: Supervisor Review: Date: / / PREP Batch #: PB43940

Extraction Date: 8/7/2009 Initials: Concentration Date: / / Initials:

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	Weight/ Volume mL	PH	Ver. Sur./Spike	Final Vol. (mL)	COMMENTS
PB43919BL		SVOC-TCL BNA	30.00	N/A	bhupen	1	
PB43919BS		SVOC-TCL BNA	30.02	N/A	bhupen	1	
A3779-04	EB14-BOTTOM	SVOC-TCL BNA	30.03	N/A	bhupen	1	
A3808-03	C1-S-3(10-12)	SVOCMS Group1	3.14	N/A	bhupen	1	Limited Sample Used SIm
A3808-05	C1-S-5(20-22)	SVOCMS Group1	10.02	N/A	bhupen	1	Limited Sample Used SIm
A3816-05	SBM-8	SVOC-TCL BNA -20	30.06	N/A	bhupen	1	
A3828-01	SS-1(0-6)	SVOC-TCL BNA	30.05	N/A	bhupen	1	
A3828-02	SS-2(0-6)	SVOC-TCL BNA	30.11	N/A	bhupen	1	
A3828-03	SB-01(12-14)	SVOC-TCL BNA	30.06	N/A	bhupen	1	
A3828-04	A3828-03MS	SVOC-TCL BNA	30.08	N/A	bhupen	1	
A3828-05	A3828-03MSD	SVOC-TCL BNA	30.11	N/A	bhupen	1	
A3828-06	SB-02(14-16)	SVOC-TCL BNA	30.05	N/A	bhupen	1	
A3828-07	SB-03(9-11)	SVOC-TCL BNA	30.07	N/A	bhupen	1	
A3828-08	SB-05(9-11)	SVOC-TCL BNA	30.04	N/A	bhupen	1	
A3828-09	SB-04(14-16)	SVOC-TCL BNA	30.05	N/A	bhupen	1	
A3828-10	SB-06(9-11)	SVOC-TCL BNA	30.08	N/A	bhupen	1	
A3828-11	SB-07(10-12)	SVOC-TCL BNA	30.05	N/A	bhupen	1	
A3828-12	SB-08(14-16)	SVOC-TCL BNA	30.06	N/A	bhupen	1	
A3838-01	SB-3(1.5-2.0)	SVOC-TCL BNA -20	3.05	N/A	bhupen	1	Limited Wt. Used Sample Matrix
A3845-01	01TM080609	SVOCMS Group2	30.11	N/A	bhupen	1	
A3846-01	02TM080609	SVOCMS Group2	30.05	N/A	bhupen	1	
A3847-01	03TM080609	SVOCMS Group2	30.08	N/A	bhupen	1	

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in Semi-Volatile lab, must sign.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092

RE-EXTRACTION NOTIFICATION

DATE: 8/7/09 Initiated by: QM

Fraction: BMH

Reason: X Low Surrogate Recovery

____ Other _____

Samples affected:	Matrix	Sample Date	Prep. Batch	Extra Sample Yes No	Verified By	New Prep. Batch
A3816-05	Soil		PB43844	ICS	RP	# 43919

Extraction Supervisor Signature: _____ Date: 08/07/09

Form Initiator's Signature: _____ Date: 8/7/09

CHEMTECH

Manual Integration Report

Sequence	BF080409	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
25 ng DFTPP	BF030271.D	DDD	himanshu	8/5/2009 4:03:37 PM	QI	8/5/2009 6:14:25 PM	Peak Integrated by Software incorrectly
25 ng DFTPP	BF030271.D	DDE	himanshu	8/5/2009 4:03:37 PM	QI	8/5/2009 6:14:25 PM	Peak Integrated by Software incorrectly
40 ng BNA ICC	BF030272.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:41 PM	QI	8/5/2009 6:14:30 PM	Peak Integrated by Software incorrectly
10 ng BNA ICC	BF030273.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:43 PM	QI	8/5/2009 6:14:37 PM	Peak Integrated by Software incorrectly
25 ng BNA ICC	BF030274.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:47 PM	QI	8/5/2009 6:14:43 PM	Peak Integrated by Software incorrectly
50 ng BNA ICC	BF030275.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:50 PM	QI	8/5/2009 6:14:48 PM	Peak Integrated by Software incorrectly
60 ng BNA ICC	BF030276.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:53 PM	QI	8/5/2009 6:14:55 PM	Peak Integrated by Software incorrectly
80 ng BNA ICC	BF030277.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:56 PM	QI	8/5/2009 6:15:01 PM	Peak Integrated by Software incorrectly
2.5 ng BNA ICC	BF030279.D	2-Nitroaniline	himanshu	8/5/2009 4:03:59 PM	QI	8/5/2009 6:15:07 PM	Peak Integrated by Software incorrectly
2.5 ng BNA ICC	BF030279.D	Pentachlorophenol	himanshu	8/5/2009 4:03:59 PM	QI	8/5/2009 6:15:07 PM	Peak Integrated by Software incorrectly
2.5 ng BNA ICC	BF030279.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:03:59 PM	QI	8/5/2009 6:15:07 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080409	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
25 ng BNA ICV	BF030280.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:02 PM	QI	8/5/2009 6:15:15 PM	Peak Integrated by Software incorrectly
40 ng BNA ICV	BF030281.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:05 PM	QI	8/5/2009 6:15:20 PM	Peak Integrated by Software incorrectly
PB43817BS	BF030286.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:12 PM	QI	8/5/2009 6:15:30 PM	Peak Integrated by Software incorrectly
PB43817BSD	BF030287.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:14 PM	QI	8/5/2009 6:15:35 PM	Peak Integrated by Software incorrectly
A3779-04	BF030289.D	Chrysene	himanshu	8/5/2009 4:04:17 PM	QI	8/5/2009 6:15:42 PM	Peak Integrated by Software incorrectly
A3779-04	BF030289.D	Benzo(k) fluoranthene	himanshu	8/5/2009 4:04:17 PM	QI	8/5/2009 6:15:42 PM	Peak Integrated by Software incorrectly
A3750-01	BF030291.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:20 PM	QI	8/5/2009 6:15:48 PM	Peak Integrated by Software incorrectly
A3750-01	BF030291.D	Benzo(k) fluoranthene	himanshu	8/5/2009 4:04:20 PM	QI	8/5/2009 6:15:48 PM	Peak Integrated by Software incorrectly
A3750-01MS	BF030292.D	3+4-Methylphenols	himanshu	8/5/2009 4:04:23 PM	QI	8/5/2009 6:15:54 PM	Peak Integrated by Software incorrectly
A3750-01MS	BF030292.D	Benzo(a) anthracene	himanshu	8/5/2009 4:04:23 PM	QI	8/5/2009 6:15:54 PM	Peak Integrated by Software incorrectly
A3750-01MS	BF030292.D	Indeno(1,2,3-cd)pyrene	himanshu	8/5/2009 4:04:23 PM	QI	8/5/2009 6:15:54 PM	Peak Integrated by Software incorrectly
A3750-01MSD	BF030293.D	Benzo(a) anthracene	himanshu	8/5/2009 4:04:26 PM	QI	8/5/2009 6:15:59 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080409	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3750-01MSD	BF030293.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:04:26 PM	QI	8/5/2009 6:15:59 PM	Peak Integrated by Software incorrectly
A3750-09	BF030294.D	Anthracene	himanshu	8/5/2009 4:04:29 PM	QI	8/5/2009 6:16:05 PM	Peak Integrated by Software incorrectly
A3750-09	BF030294.D	Fluoranthene	himanshu	8/5/2009 4:04:29 PM	QI	8/5/2009 6:16:05 PM	Peak Integrated by Software incorrectly
A3750-06	BF030295.D	Dimethylphthalate	himanshu	8/5/2009 4:04:33 PM	QI	8/5/2009 6:16:11 PM	Peak Integrated by Software incorrectly
PB43820B	BF030299.D	Pentachlorophenol	himanshu	8/5/2009 4:04:36 PM	QI	8/5/2009 6:16:21 PM	Peak Integrated by Software incorrectly
PB43820BS	BF030300.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:04:39 PM	QI	8/5/2009 6:16:27 PM	Peak Integrated by Software incorrectly
PB43820BSD	BF030301.D	Indeno(1,2,3-cd) pyrene	himanshu	8/5/2009 4:04:42 PM	QI	8/5/2009 6:16:33 PM	Peak Integrated by Software incorrectly
PB43820BSD	BF030301.D	Benzo(b) fluoranthene	himanshu	8/5/2009 4:04:42 PM	QI	8/5/2009 6:16:33 PM	Peak Integrated by Software incorrectly

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Daily Analysis Runlog For Sequence/QCBatch ID #BF080409

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	himanshu	Review On	8/5/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2107,OEP2108	SubDirectory	BF080409
Internal Standard/PEM	OEP3963	HP Acquire Method	BNA_F
ICV/I.BLK	OEP2113,OEP2114	HP Processing Method	8270-BF080409.M,625-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	25 ng DFTPP	BF030271.D	4 Aug 2009 13:33	QM	Ok,M
2	40 ng BNA ICC	BF030272.D	4 Aug 2009 14:00	QM	Ok,M
3	10 ng BNA ICC	BF030273.D	4 Aug 2009 14:36	QM	Ok,M
4	25 ng BNA ICC	BF030274.D	4 Aug 2009 15:03	QM	Ok,M

5	50 ng BNA ICC	BF030275.D	4 Aug 2009 15:31	QM	Ok,M
6	60 ng BNA ICC	BF030276.D	4 Aug 2009 15:59	QM	Ok,M
7	80 ng BNA ICC	BF030277.D	4 Aug 2009 16:26	QM	Ok,M
8	0.5 ng BNA ICC	BF030278.D	4 Aug 2009 16:53	QM	Ok
9	2.5 ng BNA ICC	BF030279.D	4 Aug 2009 17:21	QM	Ok,M
10	25 ng BNA ICV	BF030280.D	4 Aug 2009 17:48	QM	Ok,M
11	40 ng BNA ICV	BF030281.D	4 Aug 2009 18:16	QM	Ok,M
12	LOD-W-5PPM	BF030282.D	4 Aug 2009 18:43	QM	Ok
13	LOQ-W-20PPM	BF030283.D	4 Aug 2009 19:10	QM	Ok
14	PB43818B	BF030284.D	4 Aug 2009 19:37	QM	Not Ok
15	PB43817B	BF030285.D	4 Aug 2009 20:05	QM	Ok
16	PB43817BS	BF030286.D	4 Aug 2009 20:32	QM	Ok,M
17	PB43817BSD	BF030287.D	4 Aug 2009 20:59	QM	Ok,M
18	A3779-10	BF030288.D	4 Aug 2009 21:26	QM	Ok
19	A3779-04	BF030289.D	4 Aug 2009 21:54	QM	ReRun
20	A3779-06	BF030290.D	4 Aug 2009 22:21	QM	Ok
21	A3750-01	BF030291.D	4 Aug 2009 22:48	QM	Ok,M

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080409

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	himanshu	Review On	8/5/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2107,OEP2108	SubDirectory	BF080409
Internal Standard/PEM	OEP3963	HP Acquire Method	BNA_F
ICV/I.BLK	OEP2113,OEP2114	HP Processing Method	8270-BF080409.M,625-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3750-01MS	BF030292.D	4 Aug 2009 23:15	QM	Ok,M
23	A3750-01MSD	BF030293.D	4 Aug 2009 23:43	QM	Ok,M
24	A3750-09	BF030294.D	5 Aug 2009 00:10	QM	Ok,M
25	A3750-06	BF030295.D	5 Aug 2009 00:37	QM	Ok,M
26	CLEAN UP	BF030296.D	5 Aug 2009 1:05	QM	Ok
27	CLEAN UP	BF030297.D	5 Aug 2009 1:32	QM	Ok
28	CLEAN UP	BF030298.D	5 Aug 2009 2:00	QM	Ok
29	PB43820B	BF030299.D	5 Aug 2009 2:28	QM	Ok,M
30	PB43820BS	BF030300.D	5 Aug 2009 2:55	QM	Ok,M
31	PB43820BSD	BF030301.D	5 Aug 2009 3:23	QM	Ok,M
32	A3761-01	BF030302.D	5 Aug 2009 3:50	QM	Ok
33	PB43820B	BF030303.D	5 Aug 2009 4:18	QM	Not Ok
34	PB43820BS	BF030304.D	5 Aug 2009 4:44	QM	Not Ok
35	PB43820BSD	BF030305.D	5 Aug 2009 5:11	QM	Not Ok
36	A3761-01RE	BF030306.D	5 Aug 2009 5:39	QM	Not Ok
37	CLEAN UP	BF030307.D	5 Aug 2009 6:06	QM	Ok
38	CLEAN UP	BF030308.D	5 Aug 2009 6:33	QM	Ok

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080409

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	himanshu	Review On	8/5/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2107,OEP2108	SubDirectory	BF080409
Internal Standard/PEM	OEP3963	HP Acquire Method	BNA_F
ICV/I.BLK	OEP2113,OEP2114	HP Processing Method	8270-BF080409.M,625-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
1	25 ng DFTPP	BF030271.D		Ok,M
2	40 ng BNA ICC	BF030272.D		Ok,M
3	10 ng BNA ICC	BF030273.D		Ok,M
4	25 ng BNA ICC	BF030274.D		Ok,M
5	50 ng BNA ICC	BF030275.D		Ok,M
6	60 ng BNA ICC	BF030276.D		Ok,M
7	80 ng BNA ICC	BF030277.D		Ok,M
8	0.5 ng BNA ICC	BF030278.D	Not used	Ok
9	2.5 ng BNA ICC	BF030279.D		Ok,M
10	25 ng BNA ICV	BF030280.D		Ok,M
11	40 ng BNA ICV	BF030281.D		Ok,M
12	LOD-W-5PPM	BF030282.D		Ok
13	LOQ-W-20PPM	BF030283.D		Ok
14	PB43818B	BF030284.D	Not used	Not Ok
15	PB43817B	BF030285.D		Ok
16	PB43817BS	BF030286.D		Ok,M
17	PB43817BSD	BF030287.D		Ok,M
18	A3779-10	BF030288.D		Ok
19	A3779-04	BF030289.D	Surrogates failed.	ReRun
20	A3779-06	BF030290.D		Ok
21	A3750-01	BF030291.D		Ok,M

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080409

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	himanshu	Review On	8/5/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2107,OEP2108	SubDirectory	BF080409
Internal Standard/PEM	OEP3963	HP Acquire Method	BNA_F
ICV/I.BLK	OEP2113,OEP2114	HP Processing Method	8270-BF080409.M,625-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
22	A3750-01MS	BF030292.D		Ok,M
23	A3750-01MSD	BF030293.D		Ok,M
24	A3750-09	BF030294.D		Ok,M
25	A3750-06	BF030295.D		Ok,M
26	CLEAN UP	BF030296.D		Ok
27	CLEAN UP	BF030297.D		Ok
28	CLEAN UP	BF030298.D		Ok
29	PB43820B	BF030299.D		Ok,M
30	PB43820BS	BF030300.D		Ok,M
31	PB43820BSD	BF030301.D		Ok,M
32	A3761-01	BF030302.D		Ok
33	PB43820B	BF030303.D	Not required.	Not Ok
34	PB43820BS	BF030304.D	Not required.	Not Ok
35	PB43820BSD	BF030305.D	Not required.	Not Ok
36	A3761-01RE	BF030306.D	Not required.	Not Ok
37	CLEAN UP	BF030307.D		Ok
38	CLEAN UP	BF030308.D		Ok

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Manual Integration Report

Sequence	BF080609	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
25 ng DFTPP	BF030338.D	DDD	zankhana	8/7/2009 2:12:24 AM	QI	8/7/2009 4:53:12 PM	Peak Integrated by Software incorrectly
40 ng BNA CCC	BF030339.D	Indeno (1,2,3-cd) pyrene	zankhana	8/7/2009 2:12:41 AM	QI	8/7/2009 4:53:06 PM	Peak Integrated by Software incorrectly
PB43894B	BF030340.D	Benzo(k) fluoranthene	zankhana	8/7/2009 2:13:11 AM	QI	8/7/2009 4:53:00 PM	Peak Integrated by Software incorrectly
PB43894BS	BF030341.D	Caprolactam	zankhana	8/7/2009 2:12:55 AM	QI	8/7/2009 4:52:55 PM	Peak Integrated by Software incorrectly
PB43894BS	BF030341.D	Indeno (1,2,3-cd) pyrene	zankhana	8/7/2009 2:12:55 AM	QI	8/7/2009 4:52:55 PM	Peak Integrated by Software incorrectly
A3816-02MS	BF030343.D	Caprolactam	zankhana	8/7/2009 2:12:01 AM	QI	8/7/2009 4:52:49 PM	Peak Integrated by Software incorrectly
A3816-02MS	BF030343.D	Indeno (1,2,3-cd) pyrene	zankhana	8/7/2009 2:12:01 AM	QI	8/7/2009 4:52:49 PM	Peak Integrated by Software incorrectly
A3816-03MSD	BF030344.D	Caprolactam	zankhana	8/7/2009 2:11:46 AM	QI	8/7/2009 4:52:42 PM	Peak Integrated by Software incorrectly
A3816-03MSD	BF030344.D	Indeno (1,2,3-cd) pyrene	zankhana	8/7/2009 2:11:46 AM	QI	8/7/2009 4:52:42 PM	Peak Integrated by Software incorrectly
A3816-07	BF030348.D	Benzoic acid	zankhana	8/7/2009 3:42:31 AM	QI	8/7/2009 4:52:35 PM	Peak Integrated by Software incorrectly
A3816-10	BF030351.D	Pyrene	zankhana	8/7/2009 2:11:32 AM	QI	8/7/2009 4:53:46 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080609	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3816-12	BF030353.D	Bis(2-ethylhexyl) phthalate	zankhana	8/7/2009 2:11:19 AM	QI	8/7/2009 4:52:29 PM	Peak Integrated by Software incorrectly
A3816-15	BF030360.D	Benzo(k) fluoranthene	zankhana	8/7/2009 2:11:07 AM	QI	8/7/2009 4:52:22 PM	Peak Integrated by Software incorrectly
A3816-16 5X	BF030362.D	Benzo(b) fluoranthene	zankhana	8/7/2009 2:10:53 AM	QI	8/7/2009 4:52:16 PM	Peak Integrated by Software incorrectly
A3816-16 5X	BF030362.D	Benzo(k) fluoranthene	zankhana	8/7/2009 2:10:53 AM	QI	8/7/2009 4:52:16 PM	Peak Integrated by Software incorrectly
A3816-16 5X	BF030362.D	Dibenzo(a,h) anthracene	zankhana	8/7/2009 2:10:53 AM	QI	8/7/2009 4:52:16 PM	Peak Integrated by Software incorrectly
40 ng BNA CCC	BF030368.D	Indeno(1,2,3-cd) pyrene	yogesh	8/7/2009 10:56:17 AM	QI	8/7/2009 4:52:10 PM	Peak Integrated by Software incorrectly
A3808-17DL 100X	BF030375.D	1,2-Dichlorobenzene-d4	QI	8/7/2009 4:52:05 PM	himanshu	8/7/2009 4:56:30 PM	Peak Integrated by Software incorrectly
PB43887BS	BF030378.D	Indeno(1,2,3-cd) pyrene	QI	8/7/2009 4:51:58 PM	himanshu	8/7/2009 4:56:33 PM	Peak Integrated by Software incorrectly
PB43887BSD	BF030379.D	Indeno(1,2,3-cd) pyrene	QI	8/7/2009 4:51:52 PM	himanshu	8/7/2009 4:56:36 PM	Peak Integrated by Software incorrectly

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	25 ng DFTPP	BF030338.D	6 Aug 2009 14:23	QM	Ok,M
2	40 ng BNA CCC	BF030339.D	6 Aug 2009 14:51	QM	Ok,M

3	PB43894B	BF030340.D	6 Aug 2009 15:18	QM	Ok,M
4	PB43894BS	BF030341.D	6 Aug 2009 15:46	QM	Ok,M
5	A3816-01	BF030342.D	6 Aug 2009 16:13	QM	Ok
6	A3816-02MS	BF030343.D	6 Aug 2009 16:40	QM	Ok,M
7	A3816-03MSD	BF030344.D	6 Aug 2009 17:08	QM	Ok,M
8	A3816-04	BF030345.D	6 Aug 2009 17:35	QM	Ok
9	A3816-05	BF030346.D	6 Aug 2009 18:03	QM	ReRun
10	A3816-06	BF030347.D	6 Aug 2009 18:30	QM	Ok
11	A3816-07	BF030348.D	6 Aug 2009 18:57	QM	Ok,M
12	A3816-08	BF030349.D	6 Aug 2009 19:25	QM	Ok
13	A3816-09	BF030350.D	6 Aug 2009 19:52	QM	Ok
14	A3816-10	BF030351.D	6 Aug 2009 20:19	QM	Ok,M
15	A3816-11	BF030352.D	6 Aug 2009 20:47	QM	Ok
16	A3816-12	BF030353.D	6 Aug 2009 21:14	QM	Ok,M
17	A3816-17	BF030354.D	6 Aug 2009 21:41	QM	Ok
18	A3816-18	BF030355.D	6 Aug 2009 22:08	QM	Ok
19	A3816-19	BF030356.D	6 Aug 2009 22:36	QM	Ok
20	A3816-20	BF030357.D	6 Aug 2009 23:03	QM	Ok
21	A3816-21	BF030358.D	6 Aug 2009 23:31	QM	Ok

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3816-22	BF030359.D	6 Aug 2009 23:58	QM	Ok
23	A3816-15	BF030360.D	7 Aug 2009 00:25	QM	Ok,M
24	A3816-13 5X	BF030361.D	7 Aug 2009 00:52	QM	Ok
25	A3816-16 5X	BF030362.D	7 Aug 2009 1:20	QM	Ok,M
26	A3808-22DL 10X	BF030363.D	7 Aug 2009 1:47	QM	Ok
27	A3808-34DL 10X	BF030364.D	7 Aug 2009 2:14	QM	Ok
28	CLEAN UP	BF030365.D	7 Aug 2009 2:42	QM	Ok
29	CLEAN UP	BF030366.D	7 Aug 2009 3:09	QM	Ok
30	25 ng DFTPP	BF030367.D	7 Aug 2009 8:41	HNP	Ok
31	40 ng BNA CCC	BF030368.D	7 Aug 2009 9:08	HNP	Ok,M
32	A3808-10DL 2X	BF030369.D	7 Aug 2009 9:37	HNP	Ok
33	A3808-23DL 2X	BF030370.D	7 Aug 2009 10:04	HNP	Ok
34	A3808-20DL 5X	BF030371.D	7 Aug 2009 10:31	HNP	Ok
35	A3808-33DL 5X	BF030372.D	7 Aug 2009 10:58	HNP	Ok
36	A3808-11DL 10X	BF030373.D	7 Aug 2009 11:26	HNP	Ok
37	A3808-16DL 25X	BF030374.D	7 Aug 2009 11:53	HNP	Ok
38	A3808-17DL 100X	BF030375.D	7 Aug 2009 12:21	HNP	Ok,M
39	A3816-14	BF030376.D	7 Aug 2009 12:48	HNP	Ok
40	PB43887B	BF030377.D	7 Aug 2009 13:15	HNP	Ok
41	PB43887BS	BF030378.D	7 Aug 2009 13:43	HNP	Ok,M

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Instrument: Instrumen

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Daily Analysis Runlog For Sequence / QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	PB43887BSD	BF030379.D	7 Aug 2009 14:10	HNP	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
1	25 ng DFTPP	BF030338.D		Ok,M
2	40 ng BNA CCC	BF030339.D		Ok,M
3	PB43894B	BF030340.D		Ok,M
4	PB43894BS	BF030341.D	Compound #3 fail	Ok,M
5	A3816-01	BF030342.D		Ok
6	A3816-02MS	BF030343.D	Compound #3 fail	Ok,M
7	A3816-03MSD	BF030344.D	Compound #3 fail	Ok,M
8	A3816-04	BF030345.D		Ok
9	A3816-05	BF030346.D	Surrogate #5,7,43,46,80 low, to re-extract	ReRun
10	A3816-06	BF030347.D		Ok
11	A3816-07	BF030348.D		Ok,M
12	A3816-08	BF030349.D		Ok
13	A3816-09	BF030350.D		Ok
14	A3816-10	BF030351.D		Ok,M
15	A3816-11	BF030352.D		Ok
16	A3816-12	BF030353.D		Ok,M
17	A3816-17	BF030354.D		Ok
18	A3816-18	BF030355.D		Ok
19	A3816-19	BF030356.D		Ok
20	A3816-20	BF030357.D		Ok
21	A3816-21	BF030358.D		Ok

CHEMTECH **Instrument: Instrumen**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
22	A3816-22	BF030359.D		Ok
23	A3816-15	BF030360.D		Ok,M
24	A3816-13 5X	BF030361.D		Ok
25	A3816-16 5X	BF030362.D		Ok,M
26	A3808-22DL 10X	BF030363.D		Ok
27	A3808-34DL 10X	BF030364.D		Ok
28	CLEAN UP	BF030365.D		Ok
29	CLEAN UP	BF030366.D		Ok
30	25 ng DFTPP	BF030367.D	Breakdown = 23.67	Ok
31	40 ng BNA CCC	BF030368.D	%dev of Compound #57 = -20.1	Ok,M
32	A3808-10DL 2X	BF030369.D		Ok
33	A3808-23DL 2X	BF030370.D		Ok
34	A3808-20DL 5X	BF030371.D		Ok
35	A3808-33DL 5X	BF030372.D		Ok
36	A3808-11DL 10X	BF030373.D		Ok
37	A3808-16DL 25X	BF030374.D		Ok
38	A3808-17DL 100X	BF030375.D		Ok,M
39	A3816-14	BF030376.D		Ok
40	PB43887B	BF030377.D		Ok
41	PB43887BS	BF030378.D		Ok,M

CHEMTECH

Instrument: Instrumen

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #BF080609

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/7/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080609
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
42	PB43887BSD	BF030379.D		Ok,M

CHEMTECH

Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
40 ng BNA CCC	BF030381.D	Indeno (1,2,3-cd) pyrene	zankhana	8/8/2009 2:03:59 AM	QI	8/10/2009 1:09:29 PM	Peak Integrated by Software incorrectly
PB43919BS	BF030383.D	Caprolactam	zankhana	8/8/2009 2:04:14 AM	QI	8/10/2009 1:09:36 PM	Peak Integrated by Software incorrectly
PB43919BS	BF030383.D	Indeno (1,2,3-cd) pyrene	zankhana	8/8/2009 2:04:14 AM	QI	8/10/2009 1:09:36 PM	Peak Integrated by Software incorrectly
PB43919BS	BF030383.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:04:14 AM	QI	8/10/2009 1:09:36 PM	Peak Integrated by Software incorrectly
A3808-03	BF030385.D	Anthracene	zankhana	8/8/2009 2:05:56 AM	QI	8/10/2009 1:09:52 PM	Peak Integrated by Software incorrectly
A3808-03	BF030385.D	Pyrene	zankhana	8/8/2009 2:05:56 AM	QI	8/10/2009 1:09:52 PM	Peak Integrated by Software incorrectly
A3828-06	BF030387.D	Phenanthrene	zankhana	8/8/2009 2:04:33 AM	QI	8/10/2009 1:10:07 PM	Peak Integrated by Software incorrectly
A3828-06	BF030387.D	Anthracene	zankhana	8/8/2009 2:04:33 AM	QI	8/10/2009 1:10:07 PM	Peak Integrated by Software incorrectly
A3828-11	BF030391.D	Benzo(a) pyrene	zankhana	8/8/2009 2:06:09 AM	QI	8/10/2009 1:10:16 PM	Peak Integrated by Software incorrectly
A3845-01	BF030393.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:07:30 AM	QI	8/10/2009 1:10:32 PM	Peak Integrated by Software incorrectly
A3846-01	BF030394.D	Benzo(a) anthracene	zankhana	8/8/2009 2:07:57 AM	himanshu	8/11/2009 12:37:04 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3846-01	BF030394.D	Bis(2-ethylhexyl) phthalate	zankhana	8/8/2009 2:07:57 AM	himanshu	8/11/2009 12:37:04 PM	Peak Integrated by Software incorrectly
A3846-01	BF030394.D	Pyrene	zankhana	8/8/2009 2:07:57 AM	himanshu	8/11/2009 12:37:04 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Chrysene	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Benzo(a) anthracene	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Bis(2-ethylhexyl) phthalate	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Benzo(k) fluoranthene	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Chrysene	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3847-01	BF030395.D	Benzo(a) anthracene	QI	8/10/2009 1:10:48 PM	QI	8/10/2009 1:10:48 PM	Peak Integrated by Software incorrectly
A3828-03	BF030396.D	Anthracene	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly
A3828-03	BF030396.D	Benzo(b) fluoranthene	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly
A3828-03	BF030396.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly
A3828-03	BF030396.D	Bis(2-ethylhexyl) phthalate	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3828-03	BF030396.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly
A3828-03	BF030396.D	Benzo(b) fluoranthene	zankhana	8/8/2009 2:07:16 AM	himanshu	8/11/2009 12:37:08 PM	Peak Integrated by Software incorrectly
A3828-04MS	BF030397.D	Caprolactam	zankhana	8/8/2009 2:06:58 AM	himanshu	8/11/2009 12:37:11 PM	Peak Integrated by Software incorrectly
A3828-04MS	BF030397.D	Indeno (1,2,3-cd) pyrene	zankhana	8/8/2009 2:06:58 AM	himanshu	8/11/2009 12:37:11 PM	Peak Integrated by Software incorrectly
A3828-04MS	BF030397.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:06:58 AM	himanshu	8/11/2009 12:37:11 PM	Peak Integrated by Software incorrectly
A3828-04MS	BF030397.D	Benzoic acid	zankhana	8/8/2009 2:06:58 AM	himanshu	8/11/2009 12:37:11 PM	Peak Integrated by Software incorrectly
A3828-05MSD	BF030398.D	Indeno (1,2,3-cd) pyrene	zankhana	8/8/2009 2:06:25 AM	himanshu	8/11/2009 12:37:17 PM	Peak Integrated by Software incorrectly
A3828-05MSD	BF030398.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:06:25 AM	himanshu	8/11/2009 12:37:17 PM	Peak Integrated by Software incorrectly
A3828-05MSD	BF030398.D	Benzoic acid	zankhana	8/8/2009 2:06:25 AM	himanshu	8/11/2009 12:37:17 PM	Peak Integrated by Software incorrectly
A3779-04	BF030399.D	Benzo(a) anthracene	zankhana	8/8/2009 2:05:37 AM	QI	8/10/2009 1:11:24 PM	Peak Integrated by Software incorrectly
A3779-04	BF030399.D	Chrysene	zankhana	8/8/2009 2:05:37 AM	QI	8/10/2009 1:11:24 PM	Peak Integrated by Software incorrectly
A3779-04	BF030399.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:05:37 AM	QI	8/10/2009 1:11:24 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3779-04	BF030399.D	Benzo(b) fluoranthene	zankhana	8/8/2009 2:05:37 AM	QI	8/10/2009 1:11:24 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(a) anthracene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Chrysene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(b) fluoranthene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(k) fluoranthene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(a) anthracene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Chrysene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(b) fluoranthene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3838-01 10X	BF030400.D	Benzo(k) fluoranthene	QI	8/10/2009 1:11:33 PM	QI	8/10/2009 1:11:33 PM	Peak Integrated by Software incorrectly
A3828-07 10X	BF030401.D	Benzo(b) fluoranthene	zankhana	8/8/2009 2:05:19 AM	QI	8/10/2009 1:11:40 PM	Peak Integrated by Software incorrectly
A3828-07 10X	BF030401.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:05:19 AM	QI	8/10/2009 1:11:40 PM	Peak Integrated by Software incorrectly
A3828-01 10X	BF030402.D	Chrysene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3828-01 10X	BF030402.D	Benzo(k) fluoranthene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly
A3828-01 10X	BF030402.D	Dibenzo (a,h) anthracene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly
A3828-01 10X	BF030402.D	Dibenzo (a,h) anthracene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly
A3828-01 10X	BF030402.D	Benzo(k) fluoranthene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly
A3828-01 10X	BF030402.D	Chrysene	QI	8/10/2009 1:11:50 PM	himanshu	8/11/2009 12:37:20 PM	Peak Integrated by Software incorrectly
A3828-02 20X	BF030403.D	Benzo(a) anthracene	QI	8/10/2009 1:12:02 PM	QI	8/10/2009 1:12:02 PM	Peak Integrated by Software incorrectly
A3828-02 20X	BF030403.D	Benzo(k) fluoranthene	QI	8/10/2009 1:12:02 PM	QI	8/10/2009 1:12:02 PM	Peak Integrated by Software incorrectly
A3828-02 20X	BF030403.D	Benzo(k) fluoranthene	QI	8/10/2009 1:12:02 PM	QI	8/10/2009 1:12:02 PM	Peak Integrated by Software incorrectly
A3828-02 20X	BF030403.D	Benzo(a) anthracene	QI	8/10/2009 1:12:02 PM	QI	8/10/2009 1:12:02 PM	Peak Integrated by Software incorrectly
A3828-01DL 50X	BF030404.D	Chrysene	zankhana	8/8/2009 2:24:28 AM	QI	8/10/2009 1:12:12 PM	Peak Integrated by Software incorrectly
A3828-01DL 50X	BF030404.D	Benzo(k) fluoranthene	zankhana	8/8/2009 2:24:28 AM	QI	8/10/2009 1:12:12 PM	Peak Integrated by Software incorrectly
A3828-02DL 100X	BF030405.D	Chrysene	zankhana	8/8/2009 3:25:07 AM	QI	8/10/2009 1:12:20 PM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	BF080709	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
A3828-02DL 100X	BF030405.D	Indeno (1,2,3-cd) pyrene	zankhana	8/8/2009 3:25:07 AM	QI	8/10/2009 1:12:20 PM	Peak Integrated by Software incorrectly
A3828-02DL 100X	BF030405.D	Benzo(k) fluoranthene	zankhana	8/8/2009 3:25:07 AM	QI	8/10/2009 1:12:20 PM	Peak Integrated by Software incorrectly
A3828-02DL 100X	BF030405.D	Benzo(g,h,i) perylene	zankhana	8/8/2009 3:25:07 AM	QI	8/10/2009 1:12:20 PM	Peak Integrated by Software incorrectly

CHEMTECH **Instrument: Instrumen**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #BF080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080709
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	25 ng DFTPP	BF030380.D	7 Aug 2009 14:38	QM	Ok
2	40 ng BNA CCC	BF030381.D	7 Aug 2009 15:05	QM	Ok,M
3	PB43919B	BF030382.D	7 Aug 2009 15:32	QM	Ok
4	PB43919BS	BF030383.D	7 Aug 2009 16:17	QM	Ok,M
5	A3816-05	BF030384.D	7 Aug 2009 16:45	QM	Ok
6	A3808-03	BF030385.D	7 Aug 2009 17:12	QM	Ok,M
7	A3808-05	BF030386.D	7 Aug 2009 17:39	QM	Ok
8	A3828-06	BF030387.D	7 Aug 2009 18:04	QM	Ok,M
9	A3828-08	BF030388.D	7 Aug 2009 18:31	QM	Ok
10	A3828-09	BF030389.D	7 Aug 2009 18:58	QM	Ok
11	A3828-10	BF030390.D	7 Aug 2009 19:26	QM	Ok
12	A3828-11	BF030391.D	7 Aug 2009 19:54	QM	Ok,M
13	A3828-12	BF030392.D	7 Aug 2009 20:21	QM	Ok
14	A3845-01	BF030393.D	7 Aug 2009 20:48	QM	Ok,M
15	A3846-01	BF030394.D	7 Aug 2009 21:15	QM	Ok,M
16	A3847-01	BF030395.D	7 Aug 2009 21:42	QM	Ok,M

17	A3828-03	BF030396.D	7 Aug 2009 22:09	QM	Ok,M
18	A3828-04MS	BF030397.D	7 Aug 2009 22:37	QM	Ok,M
19	A3828-05MSD	BF030398.D	7 Aug 2009 23:04	QM	Ok,M
20	A3779-04	BF030399.D	7 Aug 2009 23:32	QM	Ok,M
21	A3838-01 10X	BF030400.D	7 Aug 2009 23:59	QM	Dilution

CHEMTECH **Instrument: Instrumen**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #BF080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080709
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	A3828-07 10X	BF030401.D	8 Aug 2009 00:26	QM	Ok,M
23	A3828-01 10X	BF030402.D	8 Aug 2009 00:53	QM	Ok,M
24	A3828-02 20X	BF030403.D	8 Aug 2009 1:20	QM	Ok,M
25	A3828-01DL 50X	BF030404.D	8 Aug 2009 1:48	QM	Not Ok
26	A3828-02DL 100X	BF030405.D	8 Aug 2009 2:15	QM	Not Ok
27	CLEAN UP	BF030406.D	8 Aug 2009 2:42	QM	Ok
28	CLEAN UP	BF030407.D	8 Aug 2009 3:09	QM	Ok

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Instrument: Instrumen

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #BF080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080709
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
1	25 ng DFTPP	BF030380.D	Breakdown=26	Ok
2	40 ng BNA CCC	BF030381.D		Ok,M
3	PB43919B	BF030382.D		Ok
4	PB43919BS	BF030383.D	Compound #3 fail	Ok,M
5	A3816-05	BF030384.D		Ok
6	A3808-03	BF030385.D		Ok,M
7	A3808-05	BF030386.D		Ok
8	A3828-06	BF030387.D		Ok,M
9	A3828-08	BF030388.D		Ok
10	A3828-09	BF030389.D		Ok
11	A3828-10	BF030390.D		Ok
12	A3828-11	BF030391.D		Ok,M
13	A3828-12	BF030392.D		Ok
14	A3845-01	BF030393.D		Ok,M
15	A3846-01	BF030394.D		Ok,M
16	A3847-01	BF030395.D		Ok,M
17	A3828-03	BF030396.D		Ok,M
18	A3828-04MS	BF030397.D	Compound #3,34 fail	Ok,M
19	A3828-05MSD	BF030398.D	Compound #3,34 fail	Ok,M
20	A3779-04	BF030399.D		Ok,M
21	A3838-01 10X	BF030400.D	Need 5X,25X	Dilution

CHEMTECH **Instrument: Instrumen**

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence / QCBatch ID #BF080709

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	QI	Review On	8/10/2009 12:00:00 AM
Tune/Reschk	OEP2118	Initial Calibration Stds	OEP2104-OEP2111
CCC	OEP2108	SubDirectory	BF080709
Internal Standard/PEM	OEP3964	HP Acquire Method	BNA_F
ICV/I.BLK	NA	HP Processing Method	8270-BF080409.M

Sr#	SampleId	Data File Name	Comment	Status
22	A3828-07 10X	BF030401.D		Ok,M
23	A3828-01 10X	BF030402.D		Ok,M
24	A3828-02 20X	BF030403.D		Ok,M
25	A3828-01DL 50X	BF030404.D	Not required	Not Ok
26	A3828-02DL 100X	BF030405.D	Not required	Not Ok
27	CLEAN UP	BF030406.D		Ok
28	CLEAN UP	BF030407.D		Ok

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3811-02	HD-23(32.5-35)	1	1.17	8.91	7.44	81.1
A3811-05	HD-24(27.5-30)	2	1.18	9.01	7.64	82.6
A3811-07	HD-25(27.5-30)	3	1.17	9.06	7.68	82.6
A3811-08	A3811-07MS	4	NR	NR	NR	NR
A3811-09	A3811-07MSD	5	NR	NR	NR	NR
A3811-15	HD-26(27.5-30)	6	1.17	8.99	8.26	90.7
A3811-16	DUP-05	7	1.17	9	8.17	89.4
A3811-20	HD-27(27.5-30)	8	1.18	9.07	8.3	90.3
A3811-22	HD-28(27.5-30)	9	1.17	8.99	8.36	92.0
A3811-23	A3811-22MS	10	NR	NR	NR	NR
A3811-24	A3811-22MSD	11	NR	NR	NR	NR
A3811-25	DUP-07	12	1.16	8.98	7.36	79.3
A3811-27	HD-29(30-32.5)	13	1.16	8.99	7.49	80.9
A3813-01	TP-1	14	1.17	8.84	7.02	76.3
A3813-02	TP-2	15	1.16	9.05	7.4	79.1
A3813-03	TP-3	16	1.16	8.89	7.71	84.8
A3813-04	TP-X	17	1.16	8.93	7.29	78.9
A3813-05	TP-4	18	1.17	8.83	7.88	87.6
A3813-06	TP-5	19	1.16	9.01	7.51	80.9
A3813-07	A3813-06MS	20	NR	NR	NR	NR
A3813-08	A3813-06MSD	21	NR	NR	NR	NR
A3813-09	TP-6	22	1.17	8.85	7.27	79.5
A3815-01	T-1	23	1.17	8.92	7.86	86.4
A3815-02	T-2	24	1.17	8.85	7.26	79.3
A3815-03	T-3	25	1.18	8.9	6.71	71.7
A3815-04	T-4	26	1.17	8.85	7.71	85.2
A3816-01	SBM-7	27	1.16	8.95	7.55	82.1
A3816-02	A3816-01MS	28	NR	NR	NR	NR
A3816-03	A3816-01MSD	29	NR	NR	NR	NR
A3816-04	SBM-1	30	1.18	8.79	6.76	73.4
A3816-05	SBM-8	31	1.16	8.78	6.95	76.0
A3816-06	FDSS080309	32	1.17	8.7	6.95	76.8
A3816-07	SBM-2	33	1.19	8.89	7.43	81.1
A3816-08	SBM-11	34	1.16	9.02	7.41	79.6

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

A. P. 08/06/09

CHEMTECH

QC: LB45553

PERCENT SOLIDS

ANALYST:

DATE: 08/06/09

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
A3816-09	SBM-12	35	1.17	8.89	7.87	86.8
A3816-10	SBM-4	36	1.16	8.83	6.96	75.7
A3816-11	SBM-3	37	1.18	9.06	7.51	80.4
A3816-12	SBM-5	38	1.17	8.92	7.52	82.0
A3816-13	SBM-9	39	1.16	8.96	7.77	84.8
A3816-15	SBM-10	40	1.16	8.9	7.63	83.6
A3816-16	SBM-6	41	1.16	8.98	8	87.5
A3816-17	SBM-6-S-2	42	1.16	8.97	7.68	83.5
A3816-18	SBM-3-S-1	43	1.16	9.03	7.84	84.9
A3816-19	SBM-4-S-1	44	1.17	9.08	7.78	83.6
A3816-20	SBM-2-S-3	45	1.19	8.9	7.74	85.0
A3816-21	SBM-9-S-1	46	1.17	8.89	7.82	86.2
A3816-22	SBM-1-S-2	47	1.19	8.95	7.27	78.4
A3817-01	LOT-080-39	48		OINTMENT	SAMPLE	100.0
A3818-01	SB-1	49	1.18	8.87	7.55	82.9
A3818-02	SB-2	50	1.19	9.05	8.12	88.2
A3823-03	TRC-181X-EP-B-11	51	1.16	8.76	7.49	83.3
A3823-04	TRC-181X-EP-S-11	52	1.18	9.04	7.39	79.1
A3823-05	TRC-181X-EP-S-11DUP	53	1.19	8.96	7.89	86.3
A3811-22D	HD-28(27.5-30)D	9D	1.17	9.02	8.46	92.9
A3816-01D	SBM-7D	27D	1.16	8.98	7.65	83.0
A3823-03D	TRC-181X-EP-B-11D	51D	1.16	8.79	7.59	84.3
BLANK	DISH	B1	1.16	1.16	1.16	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0

OVEN TEMP: 106 C

TIME IN: 08/05/09 17:00

TIME OUT: 08/06/09 8:30

08/06/09 A.P.

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 081415

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 12,3	SBM-7	Soil		X	8/3/09	1035	3	X	X	X	X						MS/MSD
2. 4	SBM-1	Soil		X	8/2/09	1100	1	X	X	X	X						
3. 5	SBM-8	Soil		X	8/3/09	1135	1	X	X	X	X						
4. 6	FDSS080309	Soil		X	8/3/09	1200	1	X	X	X	X						
5. 7	SBM-2	Soil		X	8/3/09	1210	1	X	X	X	X						
6. 8	SBM-11	Soil		X	8/3/09	1230	1	X	X	X	X						
7. 9	SBM-12	Soil		X	8/3/09	1320	1	X	X	X	X						
8. 10	SBM-4	Soil		X	8/3/09	1340	1	X	X	X	X						
9. 11	SBM-3	Soil		X	8/3/09	1410	1	X	X	X	X						
10. 12	SBM-5	Soil		X	8/3/09	1550	1	X	X	X	X						

← Specify Preservatives
A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/4/09 1610	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	8-5-09 9:55	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. A3816
COC Number 078975

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CT Male Associates, P.C.
ADDRESS: 50 Century Hill Dr
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Kirk Moline
PHONE: 518-786-7400 FAX: 518-786-7299

CLIENT PROJECT INFORMATION

PROJECT NAME: Old Troy Municipal Incinerator Site
PROJECT NO.: 09.9256 LOCATION: Brunswick, NY
PROJECT MANAGER: Kirk Moline
e-mail: k.moline@ctmale.com
PHONE: SAME FAX: SAME

CLIENT BILLING INFORMATION

BILL TO: SAME AS REPORT PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC	TCL Pesticides	TCL PCB	TAL Metals	TAL Metals				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 13	SBM-9	soil		X	8/3/09	1555	1	X	X	X	X						
2. 14	EB080309	water		X	~~8/3/09~~ 8/4/09	1430	4	X	X	X		X					
3. 15	SBM-10	soil		X	8/3/09	1615	1	X	X	X	X						
4. 16	SBM-6	soil		X	8/3/09	1610	1	X	X	X	X						
5. 17	SBM-6 @ S-2	soil		X	8/4/09	1045	1	X	X	X	X						
6. 18	SBM-3 S-1	soil		X	8/4/09	1115	1	X	X	X	X						
7. 19	SBM-4 S-1	soil		X	8/4/09	1110	1	X	X	X	X						
8. 20	SBM-2 S-3	soil		X	8/4/09	1055	1	X	X	X	X						
9. 21	SBM-9 S-1	soil		X	8/4/09	1140	1	X	X	X	X						
10. 22	SBM-1 S-2	soil		X	8/4/09	1050	1	X	X	X	X						

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
1. RELINQUISHED BY SAMPLER:	8/4/09 1610	1.
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:
3. RELINQUISHED BY: UPS	DATE/TIME: 9:55 8-5-09	3. RECEIVED FOR LAB BY:

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: YES

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

UPS CampusShip: View/Print Label

1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

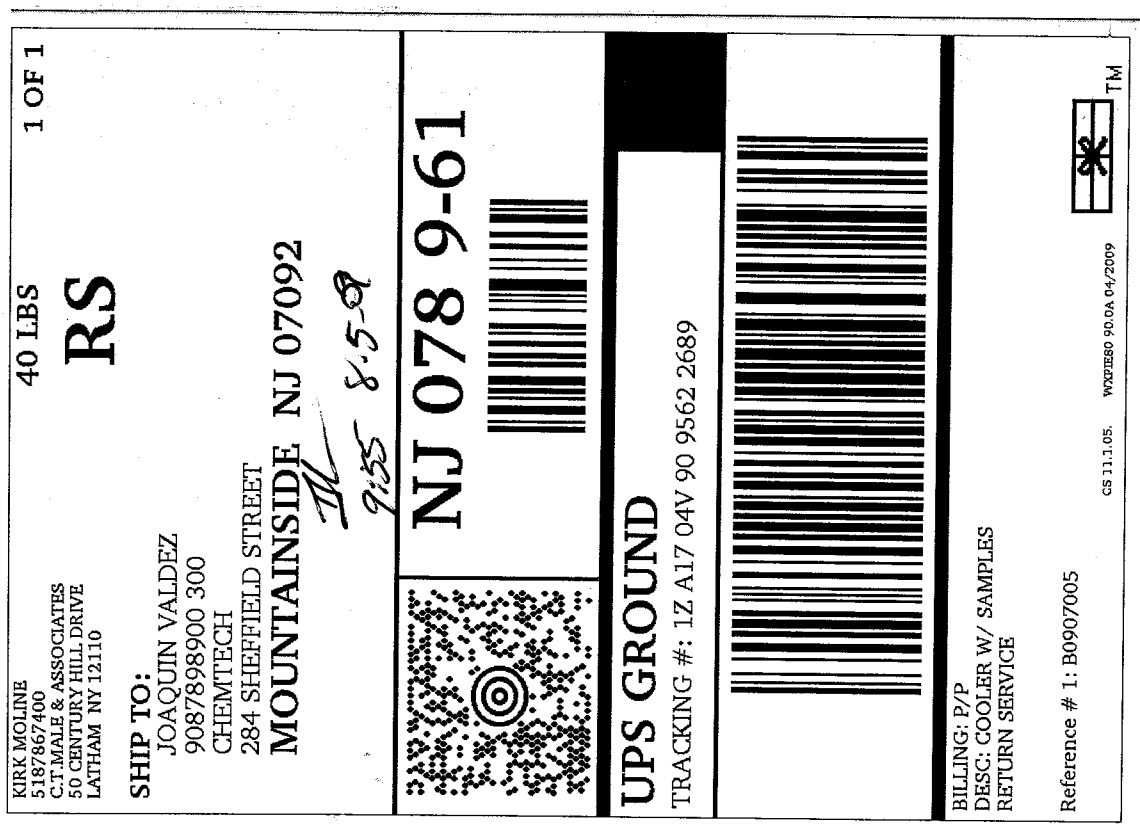
   Customers without a Daily Pickup

   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup

   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



UPS CampusShip: View/Print Label

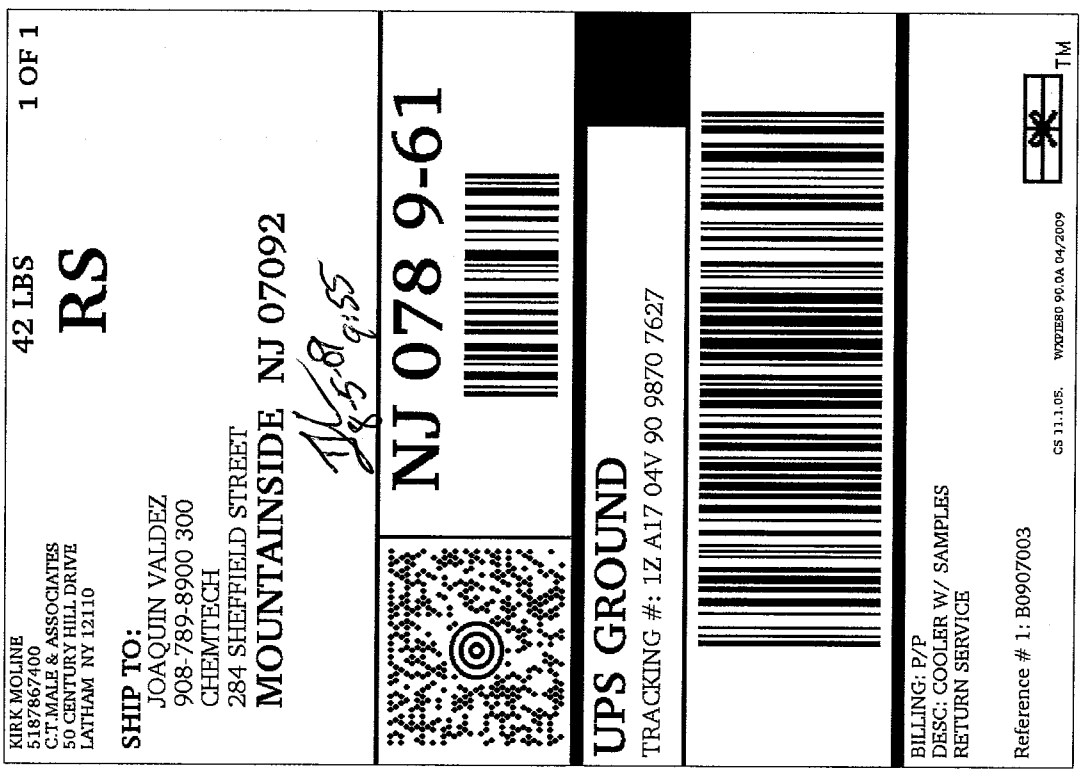
1. **Ensure that there are no other tracking labels attached to your package.**

2. **Fold the printed label at the dotted line.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers without a Daily Pickup
   - Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   - Hand the package to any UPS driver in your area.
   - Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services℠ (including via Ground) are also accepted at Drop Boxes.
   - To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

   Customers with a Daily Pickup
   - Your driver will pickup your shipment(s) as usual.

FOLD HERE



CHEMTECH 284 Sheffield Street Mountainside NJ 07092 Tel. 908-789-8900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Maryland	296
Massachusetts	M-NJ503
Maine	NJ0503
Oklahoma	9705
Pennsylvania	68-548
Rhode Island	LAO00259

QA Control Code: A2070148

END OF ANALYTICAL RESULTS

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME : OLD TROY MUNICIPAL INCINERATOR

C.T. MALE & ASSOCIATES
50 CENTURY HILL DRIVE

LATHAM , NY - 12110

Phone No: 5187867400

ORDER ID : **A3816**

ATTENTION : **Kirk Moline**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
SBM-7	A3816-01		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-1	A3816-04		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-8	A3816-05		8270		8081, 8082	6010, 7471	Chemtech -SOP
FDSS080309	A3816-06		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-2	A3816-07		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-11	A3816-08		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-12	A3816-09		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-4	A3816-10		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-3	A3816-11		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-5	A3816-12		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-9	A3816-13		8270		8081, 8082	6010, 7471	Chemtech -SOP
EB080309	A3816-14		8270		8081, 8082	6010, 7470	
SBM-10	A3816-15		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-6	A3816-16		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-6-S-2	A3816-17		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-3-S-1	A3816-18		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-4-S-1	A3816-19		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-2-S-3	A3816-20		8270		8081, 8082	6010, 7471	Chemtech -SOP
SBM-9-S-1	A3816-21		8270		8081,	6010,	Chemtech

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
A3816-01	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-04	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-05	SOIL	08/03/09	08/05/09	08/07/09	08/07/09
A3816-06	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-07	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-08	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-09	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-10	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-11	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-12	SOIL	08/03/09	08/05/09	08/06/09	08/06/09
A3816-13	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-15	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-16	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-17	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-18	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-19	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-20	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-21	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-22	SOIL	08/04/09	08/05/09	08/06/09	08/06/09
A3816-14	WATER	08/03/09	08/05/09	08/06/09	08/07/09

* Details For Test :SVOC-TCL BNA -20

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
A3816-01	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-04	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-05	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-06	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-07	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-08	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-09	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-10	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-11	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-12	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-13	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-15	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-16	SOIL	08/03/09	08/05/09	08/06/09	08/07/09
A3816-17	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-18	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-19	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-20	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-21	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-22	SOIL	08/04/09	08/05/09	08/06/09	08/07/09
A3816-14	WATER	08/03/09	08/05/09	08/05/09	08/06/09

* Details For Test :PCB

					8082	7471	-SOP
SBM-1-S-2	A3816-22		8270		8081, 8082	6010, 7471	Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
A3816-01	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-04	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-05	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-06	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-07	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-08	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-09	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-10	SOIL	08/03/09	08/05/09	08/06/09	08/11/09
A3816-11	SOIL	08/03/09	08/05/09	08/06/09	08/12/09
A3816-12	SOIL	08/03/09	08/05/09	08/06/09	08/12/09
A3816-13	SOIL	08/03/09	08/05/09	08/06/09	08/12/09
A3816-15	SOIL	08/03/09	08/05/09	08/06/09	08/12/09
A3816-16	SOIL	08/03/09	08/05/09	08/06/09	08/12/09
A3816-17	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-18	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-19	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-20	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-21	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-22	SOIL	08/04/09	08/05/09	08/06/09	08/12/09
A3816-14	WATER	08/03/09	08/05/09	08/06/09	08/10/09

* Details For Test :Pesticide-TCL

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
A3816-01	Solid	8270	3541		
A3816-02	Solid	8270	3541		
A3816-03	Solid	8270	3541		
A3816-04	Solid	8270	3541		
A3816-05	Solid	8270	3541		
A3816-06	Solid	8270	3541		
A3816-07	Solid	8270	3541		
A3816-08	Solid	8270	3541		
A3816-09	Solid	8270	3541		
A3816-10	Solid	8270	3541		
A3816-11	Solid	8270	3541		
A3816-12	Solid	8270	3541		
A3816-13	Solid	8270	3541		
A3816-14	Water	8270	3510		
A3816-15	Solid	8270	3541		
A3816-16	Solid	8270	3541		
A3816-17	Solid	8270	3541		
A3816-18	Solid	8270	3541		
A3816-19	Solid	8270	3541		
A3816-20	Solid	8270	3541		
A3816-21	Solid	8270	3541		
A3816-22	Solid	8270	3541		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
A3816-01	Solid	8081,8082	3541		
A3816-02	Solid	8081,8082	3541		
A3816-03	Solid	8081,8082	3541		
A3816-04	Solid	8081,8082	3541		
A3816-05	Solid	8081,8082	3541		
A3816-06	Solid	8081,8082	3541		
A3816-07	Solid	8081,8082	3541		
A3816-08	Solid	8081,8082	3541		
A3816-09	Solid	8081,8082	3541		
A3816-10	Solid	8081,8082	3541		
A3816-11	Solid	8081,8082	3541		
A3816-12	Solid	8081,8082	3541		
A3816-13	Solid	8081,8082	3541		
A3816-14	Water	8081,8082	3510		
A3816-15	Solid	8081,8082	3541		
A3816-16	Solid	8081,8082	3541		
A3816-17	Solid	8081,8082	3541		
A3816-18	Solid	8081,8082	3541		
A3816-19	Solid	8081,8082	3541		
A3816-20	Solid	8081,8082	3541		
A3816-21	Solid	8081,8082	3541		
A3816-22	Solid	8081,8082	3541		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
A3816-01	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-04	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-05	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-06	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-07	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-08	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-09	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-10	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-11	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-12	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-13	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-15	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-16	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-17	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-18	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-19	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-20	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-21	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-22	SOIL	Mercury	08/05/09	08/05/09	08/06/09
A3816-14	WATER	Mercury	08/05/09	08/11/09	08/11/09

* Details For Test :Mercury

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
A3816-01	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-04	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-05	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-06	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-07	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-08	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-09	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-10	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-11	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-12	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-13	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-15	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-16	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-17	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-18	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-19	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-20	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09

A3816-21	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-22	SOIL	Metals ICP-TAL	08/05/09	08/06/09	08/06/09
A3816-14	WATER	Metals ICP-TAL	08/05/09	08/07/09	08/10/09

* Details For Test :Metals ICP-TAL

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3816

Project ID : Old Troy Municipal Incinerator

Client : C.T. Male & Associates

Lab Sample Number	Client Sample Number
A3816-01	SBM-7
A3816-02	A3816-01MS
A3816-03	A3816-01MSD
A3816-04	SBM-1
A3816-05	SBM-8
A3816-06	FDSS080309
A3816-07	SBM-2
A3816-08	SBM-11
A3816-09	SBM-12
A3816-10	SBM-4
A3816-11	SBM-3
A3816-12	SBM-5
A3816-13	SBM-9
A3816-14	EB080309
A3816-15	SBM-10
A3816-16	SBM-6
A3816-17	SBM-6-S-2
A3816-18	SBM-3-S-1
A3816-19	SBM-4-S-1
A3816-20	SBM-2-S-3
A3816-21	SBM-9-S-1
A3816-22	SBM-1-S-2

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA F using GC Column RTX-5 SILMS which is 20 meters, 0.18 mm ID, 0.36 um df, Catalog # 42704.
The analysis of SVOC-TCL BNA -20 was based on method 8270 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis indicated presence of Dimethylphthalate(140 ug/kg and 230 ug/Kg) in file id BF030340.D and BF030382.D due to possible lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

SBM-8 was re-extracted because of low recovery of the surrogate. SBM-8 was re-extracted because of low recovery of the surrogate . Original data for that sample file id BF030346.D with is reported in Miscellaneous data.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 7. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 111391. The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11324.
The analysis of Pesticide-TCL was based on method 8081 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria except for Endosulfan I, 4,4'-DDD, Endosulfan Sulfate, Methoxychlor and Endrin aldehyde.
The Blank Spike met requirements for all samples except for Dieldrin.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration File ID ccal01 met the requirements except for Endosulfan Sulfate in first column. The Calibration File ID ccal02 met the requirements except for Heptachlor, Endosulfan Sulfate and Endrin ketone in first column. The Calibration File ID ccal02 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor. The Calibration File ID ccal03 ,ccal04The Calibration File ID ccal05 met the requirements except for Heptachlor. met the requirements except for 4,4'-DDT. in second column The Calibration File ID ccal05 met the requirements except for Heptachlor. The Calibration File ID ccal06 met the requirements except for beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, 4,4'-DDD, Endosulfan Sulfate and Endrin ketone in first colum

The Calibration File ID ccal06 met the requirements except for alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane) and Heptachlor in second column but it is not present in the samples.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 6. The front column is RTX-CLPest which is 30 meters, 0.32 mm ID, 0.5 um df,Catalog # 11139. The rear column is RTX-CLPestII which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 11324.
The analysis of PCBs was based on method 8082 and extraction was done based on method 3541/3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration File ID CCAL01 met the requirements except for Aroclor-1260 (peak 2,5) in second column

The Calibration File ID CCAL02 met the requirements except for Aroclor-1016(peak4)in first column .

The Calibration File ID CCAL02 met the requirements except for Aroclor-1260(peak 2,5) in second column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1016(peak 4) in first column.

The Calibration File ID CCAL03 met the requirements except for Aroclor-1260.(peak 1,2,3,4,5) in second column

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 4) in first column.

The Calibration File ID CCAL04 met the requirements except for Aroclor-1260(peak 3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak4) in first column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1260(peak3,5) in second column.

The Calibration File ID CCAL05 met the requirements except for Aroclor-1016(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1016,1260(peak4) in first column.

The Calibration File ID CCAL06 met the requirements except for Aroclor-1260(peak3,5) in second column. .

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

CASE NARRATIVE

C.T. Male & Associates
Project Name: Old Troy Municipal Incinerator
Project # N/A
Chemtech Project # A3816

A. Number of Samples and Date of Receipt:
21 Solid samples were received on 8/5/09.
1 Water sample was received on 8/5/09.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, and SVOC-TCL BNA -20. This data package contains results for METALS-TAL and Mercury.

C. Analytical Techniques:
The analysis of METALS-TAL was based on method 6010 and Mercury was based on method 7470/7471.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples except for Selenium and Zinc.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements except for Iron.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	45	J
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
65794-96-9	3+4-Methylphenols	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
92-52-4	1,1-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	390	JB
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030342.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.96	270	J
593-50-0	1-Triacontanol	12.37	320	JB
646-31-1	Tetracosane	14.02	110	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	450	U
108-95-2	Phenol	67	J
111-44-4	bis(2-Chloroethyl)ether	450	U
95-57-8	2-Chlorophenol	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	2,2-oxybis(1-Chloropropane)	450	U
98-86-2	Acetophenone	450	U
65794-96-9	3+4-Methylphenols	450	U
621-64-7	N-Nitroso-di-n-propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxy)methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
91-20-3	Naphthalene	450	U
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
105-60-2	Caprolactam	450	U
59-50-7	4-Chloro-3-methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	450	U
92-52-4	1,1-Biphenyl	450	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	450	U
131-11-3	Dimethylphthalate	490	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U
99-09-2	3-Nitroaniline	450	U
83-32-9	Acenaphthene	450	U
51-28-5	2,4-Dinitrophenol	450	U
100-02-7	4-Nitrophenol	450	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	450	U
534-52-1	4,6-Dinitro-2-methylphenol	450	U
86-30-6	N-Nitrosodiphenylamine	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
118-74-1	Hexachlorobenzene	450	U
1912-24-9	Atrazine	450	U
87-86-5	Pentachlorophenol	450	U
85-01-8	Phenanthrene	450	U
120-12-7	Anthracene	450	U
86-74-8	Carbazole	450	U
84-74-2	Di-n-butylphthalate	450	U
206-44-0	Fluoranthene	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3-Dichlorobenzidine	450	U
56-55-3	Benzo(a)anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)phthalate	450	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	450	U
205-99-2	Benzo(b)fluoranthene	450	U
207-08-9	Benzo(k)fluoranthene	450	U
50-32-8	Benzo(a)pyrene	450	U
193-39-5	Indeno(1,2,3-cd)pyrene	450	U
53-70-3	Dibenz(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	450	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030345.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	490	AB
57-10-3	n-Hexadecanoic acid	9.96	220	J
506-52-5	1-Hexacosanol	12.38	230	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	470	B
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030384.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.97	300	J
7683-64-9	Squalene	13.64	190	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	53	J
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	510	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030347.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
57-10-3	n-Hexadecanoic acid	9.96	250	J
18835-32-0	1-Tricosene	12.37	300	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	120	J
108-95-2	Phenol	51	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	570	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030348.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	430	AB
57-10-3	n-Hexadecanoic acid	9.97	450	J
57-11-4	Octadecanoic acid	10.92	110	J
4860-03-1	Hexadecane, 1-chloro-	11.54	130	J
2136-71-2	Ethanol, 2-(hexadecyloxy)-	12.37	480	J
629-94-7	Heneicosane	13.14	110	J
7390-81-0	Oxirane, hexadecyl-	13.74	400	J
544-85-4	Dotriacontane	14.03	140	J
646-31-1	Tetracosane	15.23	170	J
14811-95-1	1,19-Eicosadiene	16.46	98	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	53	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	530	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030349.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	460	AB
57-10-3	n-Hexadecanoic acid	9.97	450	J
295-65-8	Cyclohexadecane	12.37	440	J
630-03-5	Nonacosane	14.02	98	J
630-02-4	Octacosane	15.23	130	J
	unknown18.07	18.07	100	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	410	
108-95-2	Phenol	42	J
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
65794-96-9	3+4-Methylphenols	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
92-52-4	1,1-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	380	U
131-11-3	Dimethylphthalate	400	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	380	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	380	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	380	U
534-52-1	4,6-Dinitro-2-methylphenol	380	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030350.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	390	AB
532-28-5	Benzeneacetonitrile, .alpha.-hydro	6.6	150	J
57-10-3	n-Hexadecanoic acid	9.96	330	J
74685-30-6	5-Eicosene, (E)-	12.37	390	J
7225-64-1	Heptadecane, 9-octyl-	14.02	120	J
54833-23-7	Eicosane, 10-methyl-	15.23	180	J
350816-89-6	2,2,2-Trichlorethyl-3-[2-(brommeth	17.44	91	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	880	
108-95-2	Phenol	55	J
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
65794-96-9	3+4-Methylphenols	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	430	U
92-52-4	1,1-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	510	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	430	U
100-02-7	4-Nitrophenol	430	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	430	U
534-52-1	4,6-Dinitro-2-methylphenol	430	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	430	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30.09 (g/mL) g Lab File ID: BF030351.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 8

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	450	AB
532-28-5	Benzeneacetonitrile, .alpha.-hydro	6.6	530	J
57-10-3	n-Hexadecanoic acid	9.96	450	J
489-39-4	1H-Cycloprop[e]azulene, decahydro-	10.1	280	J
57-11-4	Octadecanoic acid	10.92	100	J
77899-03-7	1-Heneicosyl formate	12.37	460	J
	unknown13.17	13.17	100	J
1617-70-5	Lup-20(29)-en-3-one	18.16	160	J

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	220	J
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
65794-96-9	3+4-Methylphenols	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
92-52-4	1,1-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	560	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030352.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	480	AB
57-10-3	n-Hexadecanoic acid	9.96	340	J
	unknown10.82	10.82	140	J
6971-40-0	17-Pentatriacontene	12.37	420	J
112-95-8	Eicosane	14.03	95	J
638-67-5	Tricosane	15.24	110	J
	unknown17.09	17.09	550	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	170	J
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
65794-96-9	3+4-Methylphenols	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
92-52-4	1,1-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	500	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U

Comments:

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30.04 (g/mL) g Lab File ID: BF030353.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	430	AB
57-10-3	n-Hexadecanoic acid	9.97	440	J
6971-40-0	17-Pentatriacontene	12.37	450	J
14811-95-1	1,19-Eicosadiene	13.74	97	J
7098-22-8	Tetratetracontane	14.03	97	J
638-66-4	Octadecanal	14.86	94	J
646-31-1	Tetracosane	15.23	120	J

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
65794-96-9	3+4-Methylphenols	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	540	JB

Comments:

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	1900	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	1900	U
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	1900	U
129-00-0	Pyrene	1900	U
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	1900	U
218-01-9	Chrysene	1900	U
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U

Comments:

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1900	U
205-99-2	Benzo(b)fluoranthene	1900	U
207-08-9	Benzo(k)fluoranthene	1900	U
50-32-8	Benzo(a)pyrene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
53-70-3	Dibenz(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030361.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	420	AB

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
50-32-8	Benzo(a)pyrene	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
53-70-3	Dibenz(a,h)anthracene	11	U
191-24-2	Benzo(g,h,i)perylene	11	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF030376.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
80-62-6	2-Propenoic acid, 2-methyl-, methy	2.03	13	J
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	4.9	AB

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030360.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	500	B

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030360.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	56	J
129-00-0	Pyrene	50	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030360.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	40	J
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030360.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	410	AB
57-10-3	n-Hexadecanoic acid	9.96	230	J
74685-30-6	5-Eicosene, (E)-	12.37	320	J
593-45-3	Octadecane	15.23	85	J
1000194-64-2	4,4,6a,6b,8a,11,12,14b-Octamethyl-	17.62	120	J
69296-90-8	Cyclohexanone, 2,3,3-trimethyl-2-(	18.15	86	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
65794-96-9	3+4-Methylphenols	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	460	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	1900	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	330	J
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	330	J
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	550	J
218-01-9	Chrysene	520	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	1900	U
205-99-2	Benzo(b)fluoranthene	610	J
207-08-9	Benzo(k)fluoranthene	290	J
50-32-8	Benzo(a)pyrene	440	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenz(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	310	J

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30.11 (g/mL) g Lab File ID: BF030362.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	380	AB
464-49-3	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	5.71	790	J
	Unknown14.15	14.15	390	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	260	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030354.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	450	AB
76-22-2	Camphor	5.71	88	J
301-02-0	9-Octadecenamide, (Z)-	11.83	340	J
18435-45-5	1-Nonadecene	12.36	330	J

CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	410	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30.05 (g/mL) g Lab File ID: BF030355.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	480	AB
57-10-3	n-Hexadecanoic acid	9.96	230	J
301-02-0	9-Octadecenamide, (Z)-	11.83	330	J
77899-03-7	1-Heneicosyl formate	12.37	360	J

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	220	J
108-95-2	Phenol	40	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	400	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030356.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	520	AB
57-10-3	n-Hexadecanoic acid	9.96	260	J
301-02-0	9-Octadecenamide, (Z)-	11.83	130	J
74685-30-6	5-Eicosene, (E)-	12.37	400	J
7390-81-0	Oxirane, hexadecyl-	13.74	82	J
638-66-4	Octadecanal	14.86	90	J
112-95-8	Eicosane	15.24	97	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	54	J
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
65794-96-9	3+4-Methylphenols	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
92-52-4	1,1-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	470	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30.12 (g/mL) g Lab File ID: BF030357.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	390	AB
57-10-3	n-Hexadecanoic acid	9.96	240	J
301-02-0	9-Octadecenamide, (Z)-	11.83	390	J
74685-30-6	5-Eicosene, (E)-	12.37	340	J

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
65794-96-9	3+4-Methylphenols	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
92-52-4	1,1-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	380	U
131-11-3	Dimethylphthalate	430	B

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	380	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	380	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	380	U
534-52-1	4,6-Dinitro-2-methylphenol	380	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30.06 (g/mL) g Lab File ID: BF030358.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	410	AB
1002-84-2	Pentadecanoic acid	9.96	230	J
301-02-0	9-Octadecenamide, (Z)-	11.83	380	J
1000282-98-2	Dichloroacetic acid, heptadecyl es	12.37	360	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2-oxybis(1-Chloropropane)	420	U
98-86-2	Acetophenone	420	U
65794-96-9	3+4-Methylphenols	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	420	U
92-52-4	1,1-Biphenyl	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	420	U
131-11-3	Dimethylphthalate	370	JB

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	420	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	420	U
100-02-7	4-Nitrophenol	420	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	420	U
534-52-1	4,6-Dinitro-2-methylphenol	420	U
86-30-6	N-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	420	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF030359.D

Level: (low/med) LOW Date Received: 08/05/09

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	540	AB
301-02-0	9-Octadecenamide, (Z)-	11.83	310	J
557-61-9	Octacosanol	12.36	350	J

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
Client ID :	**EB080309**								
A3816-14	EB080309	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	4.9	AB	0	0	ug/L
A3816-14	EB080309	Solid	2-Propenoic acid, 2-methyl-, methy	*	13.0	J	0	0	ug/L
			Total Tics :			**17.90**			
			Total Concentration:			**17.90**			
Client ID :	**FDSS080309**								
A3816-06	FDSS080309	Solid	Phenol		53.0	J	430	10	ug/Kg
A3816-06	FDSS080309	Solid	Dimethylphthalate		510.0	B	430	12	ug/Kg
			Total Svoc :			**563.00**			
A3816-06	FDSS080309	Solid	n-Hexadecanoic acid	*	250.0	J	0	0	ug/Kg
A3816-06	FDSS080309	Solid	1-Tricosene	*	300.0	J	0	0	ug/Kg
A3816-06	FDSS080309	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	450.0	AB	0	0	ug/Kg
			Total Tics :			**1,000.00**			
			Total Concentration:			**1,563.00**			
Client ID :	**SBM-1**								
A3816-04	SBM-1	Solid	Phenol		67.0	J	450	11	ug/Kg
A3816-04	SBM-1	Solid	Dimethylphthalate		490.0	B	450	12	ug/Kg
			Total Svoc :			**557.00**			
A3816-04	SBM-1	Solid	n-Hexadecanoic acid	*	220.0	J	0	0	ug/Kg
A3816-04	SBM-1	Solid	1-Hexacosanol	*	230.0	J	0	0	ug/Kg
A3816-04	SBM-1	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	490.0	AB	0	0	ug/Kg
			Total Tics :			**940.00**			
			Total Concentration:			**1,497.00**			
Client ID :	**SBM-10**								
A3816-15	SBM-10	Solid	Phenol		54.0	J	390	9.2	ug/Kg
A3816-15	SBM-10	Solid	Dimethylphthalate		500.0	B	390	11	ug/Kg
A3816-15	SBM-10	Solid	Fluoranthene		56.0	J	390	8.0	ug/Kg
A3816-15	SBM-10	Solid	Pyrene		50.0	J	390	9.5	ug/Kg
A3816-15	SBM-10	Solid	Benzo(b)fluoranthene		40.0	J	390	13	ug/Kg
			Total Svoc :			**700.00**			
A3816-15	SBM-10	Solid	Cyclohexanone, 2,3,3-trimethyl-2-(	*	86.0	J	0	0	ug/Kg
A3816-15	SBM-10	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	410.0	AB	0	0	ug/Kg
A3816-15	SBM-10	Solid	4,4,6a,6b,8a,11,12,14b-Octamethyl-	*	120.0	J	0	0	ug/Kg
A3816-15	SBM-10	Solid	5-Eicosene, (E)-	*	320.0	J	0	0	ug/Kg
A3816-15	SBM-10	Solid	n-Hexadecanoic acid	*	230.0	J	0	0	ug/Kg
A3816-15	SBM-10	Solid	Octadecane	*	85.0	J	0	0	ug/Kg
			Total Tics :			**1,251.00**			
			Total Concentration:			**1,951.00**			
Client ID :	**SBM-11**								

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
A3816-08	SBM-11	Solid	Phenol		53.0	J	410	9.6	ug/Kg
A3816-08	SBM-11	Solid	Dimethylphthalate		530.0	B	410	11	ug/Kg
			Total Svoc :			**583.00**			
A3816-08	SBM-11	Solid	n-Hexadecanoic acid	*	450.0	J	0	0	ug/Kg
A3816-08	SBM-11	Solid	Nonacosane	*	98.0	J	0	0	ug/Kg
A3816-08	SBM-11	Solid	Octacosane	*	130.0	J	0	0	ug/Kg
A3816-08	SBM-11	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	460.0	AB	0	0	ug/Kg
A3816-08	SBM-11	Solid	Cyclohexadecane	*	440.0	J	0	0	ug/Kg
A3816-08	SBM-11	Solid	unknown18.07	*	100.0	J	0	0	ug/Kg
			Total Tics :			**1,678.00**			
			Total Concentration:			**2,261.00**			
Client ID :	**SBM-12**								
A3816-09	SBM-12	Solid	Benzaldehyde		410.0		380	20	ug/Kg
A3816-09	SBM-12	Solid	Phenol		42.0	J	380	8.8	ug/Kg
A3816-09	SBM-12	Solid	Dimethylphthalate		400.0	B	380	10	ug/Kg
			Total Svoc :			**852.00**			
A3816-09	SBM-12	Solid	Eicosane, 10-methyl-	*	180.0	J	0	0	ug/Kg
A3816-09	SBM-12	Solid	Heptadecane, 9-octyl-	*	120.0	J	0	0	ug/Kg
A3816-09	SBM-12	Solid	n-Hexadecanoic acid	*	330.0	J	0	0	ug/Kg
A3816-09	SBM-12	Solid	2,2,2-Trichlorethyl-3-[2-(brommeth	*	91.0	J	0	0	ug/Kg
A3816-09	SBM-12	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	390.0	AB	0	0	ug/Kg
A3816-09	SBM-12	Solid	5-Eicosene, (E)-	*	390.0	J	0	0	ug/Kg
A3816-09	SBM-12	Solid	Benzeneacetonitrile, .alpha.-hydro	*	150.0	J	0	0	ug/Kg
			Total Tics :			**1,651.00**			
			Total Concentration:			**2,503.00**			
Client ID :	**SBM-1-S-2**								
A3816-22	SBM-1-S-2	Solid	Dimethylphthalate		370.0	JB	420	12	ug/Kg
			Total Svoc :			**370.00**			
A3816-22	SBM-1-S-2	Solid	Octacosanol	*	350.0	J	0	0	ug/Kg
A3816-22	SBM-1-S-2	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	540.0	AB	0	0	ug/Kg
A3816-22	SBM-1-S-2	Solid	9-Octadecenamide, (Z)-	*	310.0	J	0	0	ug/Kg
			Total Tics :			**1,200.00**			
			Total Concentration:			**1,570.00**			
Client ID :	**SBM-2**								
A3816-07	SBM-2	Solid	Benzaldehyde		120.0	J	410	21	ug/Kg
A3816-07	SBM-2	Solid	Phenol		51.0	J	410	9.5	ug/Kg
A3816-07	SBM-2	Solid	Dimethylphthalate		570.0	B	410	11	ug/Kg
			Total Svoc :			**741.00**			
A3816-07	SBM-2	Solid	Dotriacontane	*	140.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Ethanol, 2-(hexadecyloxy)-	*	480.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Heneicosane	*	110.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Hexadecane, 1-chloro-	*	130.0	J	0	0	ug/Kg

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
A3816-07	SBM-2	Solid	n-Hexadecanoic acid	*	450.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Octadecanoic acid	*	110.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Oxirane, hexadecyl-	*	400.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	Tetracosane	*	170.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	1,19-Eicosadiene	*	98.0	J	0	0	ug/Kg
A3816-07	SBM-2	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	430.0	AB	0	0	ug/Kg
			Total Tics :			**2,518.00**			
			Total Concentration:			**3,259.00**			
Client ID :	**SBM-2-S-3**								
A3816-20	SBM-2-S-3	Solid	Phenol		54.0	J	390	9.0	ug/Kg
A3816-20	SBM-2-S-3	Solid	Dimethylphthalate		470.0	B	390	11	ug/Kg
			Total Svoc :			**524.00**			
A3816-20	SBM-2-S-3	Solid	n-Hexadecanoic acid	*	240.0	J	0	0	ug/Kg
A3816-20	SBM-2-S-3	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	390.0	AB	0	0	ug/Kg
A3816-20	SBM-2-S-3	Solid	5-Eicosene, (E)-	*	340.0	J	0	0	ug/Kg
A3816-20	SBM-2-S-3	Solid	9-Octadecenamide, (Z)-	*	390.0	J	0	0	ug/Kg
			Total Tics :			**1,360.00**			
			Total Concentration:			**1,884.00**			
Client ID :	**SBM-3**								
A3816-11	SBM-3	Solid	Benzaldehyde		220.0	J	410	22	ug/Kg
A3816-11	SBM-3	Solid	Phenol		54.0	J	410	9.6	ug/Kg
A3816-11	SBM-3	Solid	Dimethylphthalate		560.0	B	410	11	ug/Kg
			Total Svoc :			**834.00**			
A3816-11	SBM-3	Solid	Eicosane	*	95.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	n-Hexadecanoic acid	*	340.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	Tricosane	*	110.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	unknown10.82	*	140.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	unknown17.09	*	550.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	17-Pentatriacontene	*	420.0	J	0	0	ug/Kg
A3816-11	SBM-3	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	480.0	AB	0	0	ug/Kg
			Total Tics :			**2,135.00**			
			Total Concentration:			**2,969.00**			
Client ID :	**SBM-3-S-1**								
A3816-18	SBM-3-S-1	Solid	Dimethylphthalate		410.0	B	390	11	ug/Kg
			Total Svoc :			**410.00**			
A3816-18	SBM-3-S-1	Solid	n-Hexadecanoic acid	*	230.0	J	0	0	ug/Kg
A3816-18	SBM-3-S-1	Solid	1-Heneicosyl formate	*	360.0	J	0	0	ug/Kg
A3816-18	SBM-3-S-1	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	480.0	AB	0	0	ug/Kg
A3816-18	SBM-3-S-1	Solid	9-Octadecenamide, (Z)-	*	330.0	J	0	0	ug/Kg
			Total Tics :			**1,400.00**			
			Total Concentration:			**1,810.00**			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
Client ID :	**SBM-4**								
A3816-10	SBM-4	Solid	Benzaldehyde		880.0		430	23	ug/Kg
A3816-10	SBM-4	Solid	Phenol		55.0	J	430	10	ug/Kg
A3816-10	SBM-4	Solid	Dimethylphthalate		510.0	B	430	12	ug/Kg
			Total Svoc :			**1,445.00**			
A3816-10	SBM-4	Solid	Lup-20(29)-en-3-one	*	160.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	n-Hexadecanoic acid	*	450.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	Octadecanoic acid	*	100.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	unknown13.17	*	100.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	Benzeneacetonitrile, .alpha.-hydro	*	530.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	1H-Cycloprop[e]azulene, decahydro	*	280.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	1-Heneicosyl formate	*	460.0	J	0	0	ug/Kg
A3816-10	SBM-4	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	450.0	AB	0	0	ug/Kg
			Total Tics :			**2,530.00**			
			Total Concentration:			**3,975.00**			
Client ID :	**SBM-4-S-1**								
A3816-19	SBM-4-S-1	Solid	Benzaldehyde		220.0	J	390	21	ug/Kg
A3816-19	SBM-4-S-1	Solid	Phenol		40.0	J	390	9.1	ug/Kg
A3816-19	SBM-4-S-1	Solid	Dimethylphthalate		400.0	B	390	11	ug/Kg
			Total Svoc :			**660.00**			
A3816-19	SBM-4-S-1	Solid	Eicosane	*	97.0	J	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	n-Hexadecanoic acid	*	260.0	J	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	Octadecanal	*	90.0	J	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	Oxirane, hexadecyl-	*	82.0	J	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	520.0	AB	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	5-Eicosene, (E)-	*	400.0	J	0	0	ug/Kg
A3816-19	SBM-4-S-1	Solid	9-Octadecenamide, (Z)-	*	130.0	J	0	0	ug/Kg
			Total Tics :			**1,579.00**			
			Total Concentration:			**2,239.00**			
Client ID :	**SBM-5**								
A3816-12	SBM-5	Solid	Benzaldehyde		170.0	J	400	21	ug/Kg
A3816-12	SBM-5	Solid	Dimethylphthalate		500.0	B	400	11	ug/Kg
			Total Svoc :			**670.00**			
A3816-12	SBM-5	Solid	n-Hexadecanoic acid	*	440.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	Octadecanal	*	94.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	Tetracosane	*	120.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	Tetratetracontane	*	97.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	1,19-Eicosadiene	*	97.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	17-Pentatriacontene	*	450.0	J	0	0	ug/Kg
A3816-12	SBM-5	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	430.0	AB	0	0	ug/Kg
			Total Tics :			**1,728.00**			
			Total Concentration:			**2,398.00**			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
Client ID : SBM-6									
A3816-16	SBM-6	Solid	Dimethylphthalate		460.0	JB	1900	51	ug/Kg
A3816-16	SBM-6	Solid	Phenanthrene		1,300.0	J	1900	51	ug/Kg
A3816-16	SBM-6	Solid	Anthracene		330.0	J	1900	38	ug/Kg
A3816-16	SBM-6	Solid	Di-n-butylphthalate		330.0	J	1900	150	ug/Kg
A3816-16	SBM-6	Solid	Fluoranthene		1,300.0	J	1900	38	ug/Kg
A3816-16	SBM-6	Solid	Pyrene		1,000.0	J	1900	45	ug/Kg
A3816-16	SBM-6	Solid	Benzo(a)anthracene		550.0	J	1900	90	ug/Kg
A3816-16	SBM-6	Solid	Chrysene		520.0	J	1900	85	ug/Kg
A3816-16	SBM-6	Solid	Benzo(b)fluoranthene		610.0	J	1900	62	ug/Kg
A3816-16	SBM-6	Solid	Benzo(k)fluoranthene		290.0	J	1900	89	ug/Kg
A3816-16	SBM-6	Solid	Benzo(a)pyrene		440.0	J	1900	41	ug/Kg
A3816-16	SBM-6	Solid	Indeno(1,2,3-cd)pyrene		200.0	J	1900	63	ug/Kg
A3816-16	SBM-6	Solid	Benzo(g,h,i)perylene		310.0	J	1900	76	ug/Kg
			Total Svoc :			**7,640.00**			
A3816-16	SBM-6	Solid	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	790.0	J	0	0	ug/Kg
A3816-16	SBM-6	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	380.0	AB	0	0	ug/Kg
A3816-16	SBM-6	Solid	Unknown14.15	*	390.0	J	0	0	ug/Kg
			Total Tics :			**1,560.00**			
			Total Concentration:			**9,200.00**			
Client ID : SBM-6-S-2									
A3816-17	SBM-6-S-2	Solid	Dimethylphthalate		260.0	JB	390	11	ug/Kg
			Total Svoc :			**260.00**			
A3816-17	SBM-6-S-2	Solid	1-Nonadecene	*	330.0	J	0	0	ug/Kg
A3816-17	SBM-6-S-2	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	450.0	AB	0	0	ug/Kg
A3816-17	SBM-6-S-2	Solid	9-Octadecenamide, (Z)-	*	340.0	J	0	0	ug/Kg
A3816-17	SBM-6-S-2	Solid	Camphor	*	88.0	J	0	0	ug/Kg
			Total Tics :			**1,208.00**			
			Total Concentration:			**1,468.00**			
Client ID : SBM-7									
A3816-01	SBM-7	Solid	Phenol		45.0	J	400	9.4	ug/Kg
A3816-01	SBM-7	Solid	Dimethylphthalate		390.0	JB	400	11	ug/Kg
			Total Svoc :			**435.00**			
A3816-01	SBM-7	Solid	n-Hexadecanoic acid	*	270.0	J	0	0	ug/Kg
A3816-01	SBM-7	Solid	1-Triacontanol	*	320.0	JB	0	0	ug/Kg
A3816-01	SBM-7	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	450.0	AB	0	0	ug/Kg
A3816-01	SBM-7	Solid	Tetracosane	*	110.0	J	0	0	ug/Kg
			Total Tics :			**1,150.00**			
			Total Concentration:			**1,585.00**			
Client ID : SBM-8									
A3816-05	SBM-8	Solid	Dimethylphthalate		470.0	B	430	12	ug/Kg
			Total Svoc :			**470.00**			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3816

Client: C.T. Male & Associates

Sample ID	Client ID	Matrix	Parameter		Concentration	C	RDL	MDL	Units
			Total Concentration:			**470.00**			
Client ID :	**SBM-9**								
A3816-13	SBM-9	Solid	Dimethylphthalate		540.0	JB	1900	53	ug/Kg
			Total Svoc :			**540.00**			
A3816-13	SBM-9	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	420.0	AB	0	0	ug/Kg
			Total Tics :			**420.00**			
			Total Concentration:			**960.00**			
Client ID :	**SBM-9-S-1**								
A3816-21	SBM-9-S-1	Solid	Dimethylphthalate		430.0	B	380	10	ug/Kg
			Total Svoc :			**430.00**			
A3816-21	SBM-9-S-1	Solid	Pentadecanoic acid	*	230.0	J	0	0	ug/Kg
A3816-21	SBM-9-S-1	Solid	2-Pentanone, 4-hydroxy-4-methyl-	*	410.0	AB	0	0	ug/Kg
A3816-21	SBM-9-S-1	Solid	9-Octadecenamide, (Z)-	*	380.0	J	0	0	ug/Kg
A3816-21	SBM-9-S-1	Solid	Dichloroacetic acid, heptadecyl es	*	360.0	J	0	0	ug/Kg
			Total Tics :			**1,380.00**			
			Total Concentration:			**1,810.00**			

CHEMTECH

-2D-

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Chemtech Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 () #	S8 () #	TOT OUT
01	PB43894B	75	79	80	91	85	91			0
02	PB43894BS	83	85	88	100	90	99			0
03	SBM-7	83	86	88	92	88	85			0
04	SBM-7MS	84	86	89	94	88	95			0
05	SBM-7MSD	83	84	86	92	88	90			0
06	SBM-1	89	90	93	101	94	97			0
08	FDSS080309	88	90	93	100	95	99			0
09	SBM-2	87	89	92	104	96	105			0
10	SBM-11	87	90	96	102	100	100			0
11	SBM-12	83	84	89	99	92	100			0
12	SBM-4	85	86	90	92	91	88			0
13	SBM-3	90	90	94	102	96	104			0
14	SBM-5	83	86	92	100	96	103			0
15	SBM-6-S-2	69	75	80	76	73	79			0
16	SBM-3-S-1	91	91	96	105	97	110			0
17	SBM-4-S-1	86	87	93	101	95	105			0
18	SBM-2-S-3	87	88	92	100	96	103			0
19	SBM-9-S-1	82	83	89	102	94	106			0
20	SBM-1-S-2	83	86	92	102	94	104			0
21	SBM-10	86	86	94	99	95	95			0
22	SBM-9	102	107	104	129	115	126			0
23	SBM-6	92	96	97	126	103	117			0
01	PB43919B	80	82	87	98	89	97			0
02	PB43919BS	85	86	92	102	89	106			0
03	SBM-8	83	83	91	94	89	95			0
16	SB-01(12-14)MS	87	89	96	94	88	97			0
17	SB-01(12-14)MSD	84	85	91	88	86	89			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(45-122)
S2 (PHL) = Phenol-d5	(47-123)
S3 (NBZ) = Nitrobenzene-d5	(49-130)
S4 (FBP) = 2-Fluorobiphenyl	(46-155)
S5 (TBP) = 2,4,6-Tribromophenol	(49-130)
S6 (TPH) = Terphenyl-d14	(52-163)
S7 () =	
S8 () =	

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

CHEMTECH

-2C-

WATER SEMIVOLATILE SURROGATE RECOVE

Lab Name: Chemtech Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 () #	S8 () #	TOT OUT
01	EB080309	46	29	102	111	101	113			0
02	PB43887B	48	31	99	107	102	114			0
03	PB43887BS	48	33	99	105	95	112			0
04	PB43887BSD	47	31	96	104	97	107			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(15-130)
S2 (PHL) = Phenol-d5	(10-130)
S3 (NBZ) = Nitrobenzene-d5	(26-140)
S4 (FBP) = 2-Fluorobiphenyl	(37-146)
S5 (TBP) = 2,4,6-Tribromophenol	(26-140)
S6 (TPH) = Terphenyl-d14	(45-146)
S7 () =	
S8 () =	

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-04

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
Benzaldehyde	1900	0	420	22	(11-130)
Phenol	1900	0	1600	84	(57-113)
bis(2-Chloroethyl)ether	1900	0	1600	84	(58-119)
2-Chlorophenol	1900	0	1600	84	(56-116)
2-Methylphenol	1900	0	1600	84	(58-115)
2,2-oxybis(1-Chloropropane)	1900	0	1600	84	(53-120)
Acetophenone	1900	0	1600	84	(62-117)
3+4-Methylphenols	1900	0	1600	84	(58-116)
n-Nitroso-di-n-propylamine	1900	0	1500	79	(57-121)
Hexachloroethane	1900	0	1400	74	(44-122)
Nitrobenzene	1900	0	1600	84	(53-119)
Isophorone	1900	0	1600	84	(58-121)
2-Nitrophenol	1900	0	1700	89	(46-117)
2,4-Dimethylphenol	1900	0	1700	89	(52-119)
bis(2-Chloroethoxy)methane	1900	0	1600	84	(55-122)
2,4-Dichlorophenol	1900	0	1600	84	(51-120)
Naphthalene	1900	0	1500	79	(46-137)
4-Chloroaniline	1900	0	1100	58	(16-130)
Hexachlorobutadiene	1900	0	1400	74	(53-116)
Caprolactam	1900	0	1400	74	(44-125)
4-Chloro-3-methylphenol	1900	0	1600	84	(55-116)
2-Methylnaphthalene	1900	0	1500	79	(54-122)
Hexachlorocyclopentadiene	3700	0	2300	62	(13-105)
2,4,6-Trichlorophenol	1900	0	1600	84	(48-114)
2,4,5-Trichlorophenol	1900	0	1600	84	(55-118)
1,1-Biphenyl	1900	0	1500	79	(61-117)
2-Chloronaphthalene	1900	0	1500	79	(58-118)
2-Nitroaniline	1900	0	1600	84	(57-122)
Dimethylphthalate	1900	380	2000	85	(64-118)
Acenaphthylene	1900	0	1500	79	(49-134)
2,6-Dinitrotoluene	1900	0	1600	84	(56-115)
3-Nitroaniline	1900	0	1300	68	(29-130)
Acenaphthene	1900	0	1500	79	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-04

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
2,4-Dinitrophenol	3700	0	780	21	(13-144)
4-Nitrophenol	3700	0	3300	89	(31-130)
Dibenzofuran	1900	0	1500	79	(54-128)
2,4-Dinitrotoluene	1900	0	1600	84	(53-115)
Diethylphthalate	1900	0	1500	79	(61-118)
4-Chlorophenyl-phenylether	1900	0	1500	79	(58-118)
Fluorene	1900	0	1500	79	(42-141)
4-Nitroaniline	1900	0	1500	79	(42-118)
4,6-Dinitro-2-methylphenol	1900	0	1100	58	(18-126)
n-Nitrosodiphenylamine	1900	0	1500	79	(57-126)
4-Bromophenyl-phenylether	1900	0	1600	84	(56-119)
Hexachlorobenzene	1900	0	1500	79	(58-117)
Atrazine	1900	0	1600	84	(54-119)
Pentachlorophenol	3700	0	2800	76	(31-123)
Phenanthrene	1900	82	1600	80	(50-129)
Anthracene	1900	0	1500	79	(49-136)
Carbazole	1900	0	1500	79	(56-129)
Di-n-butylphthalate	1900	0	1500	79	(60-120)
Fluoranthene	1900	130	1600	77	(47-133)
Pyrene	1900	120	1700	83	(47-148)
Butylbenzylphthalate	1900	0	1600	84	(62-125)
3,3-Dichlorobenzidine	1900	0	1400	74	(20-105)
Benzo(a)anthracene	1900	66	1600	81	(49-137)
Chrysene	1900	72	1500	75	(47-142)
Bis(2-ethylhexyl)phthalate	1900	0	1700	89	(59-139)
Di-n-octyl phthalate	1900	0	1700	89	(55-132)
Benzo(b)fluoranthene	1900	82	1600	80	(46-146)
Benzo(k)fluoranthene	1900	39	1700	87	(49-142)
Benzo(a)pyrene	1900	61	1600	81	(48-135)
Indeno(1,2,3-cd)pyrene	1900	0	1300	68	(17-154)
Dibenzo(a,h)anthracene	1900	0	1600	84	(39-125)
Benzo(g,h,i)perylene	1900	43	1700	87	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-05

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	1900	420	22	0	50	(11-130)
Phenol	1900	1600	84	0	50	(57-113)
bis(2-Chloroethyl)ether	1900	1600	84	0	50	(58-119)
2-Chlorophenol	1900	1600	84	0	50	(56-116)
2-Methylphenol	1900	1600	84	0	50	(58-115)
2,2-oxybis(1-Chloropropane)	1900	1600	84	0	50	(53-120)
Acetophenone	1900	1500	79	6	50	(62-117)
3+4-Methylphenols	1900	1600	84	0	50	(58-116)
n-Nitroso-di-n-propylamine	1900	1500	79	0	50	(57-121)
Hexachloroethane	1900	1400	74	0	50	(44-122)
Nitrobenzene	1900	1600	84	0	50	(53-119)
Isophorone	1900	1600	84	0	50	(58-121)
2-Nitrophenol	1900	1600	84	6	50	(46-117)
2,4-Dimethylphenol	1900	1600	84	6	50	(52-119)
bis(2-Chloroethoxy)methane	1900	1600	84	0	50	(55-122)
2,4-Dichlorophenol	1900	1600	84	0	50	(51-120)
Naphthalene	1900	1500	79	0	50	(46-137)
4-Chloroaniline	1900	980	52	11	50	(16-130)
Hexachlorobutadiene	1900	1500	79	7	50	(53-116)
Caprolactam	1900	1600	84	13	50	(44-125)
4-Chloro-3-methylphenol	1900	1600	84	0	50	(55-116)
2-Methylnaphthalene	1900	1500	79	0	50	(54-122)
Hexachlorocyclopentadiene	3700	2300	62	0	50	(13-105)
2,4,6-Trichlorophenol	1900	1600	84	0	50	(48-114)
2,4,5-Trichlorophenol	1900	1600	84	0	50	(55-118)
1,1-Biphenyl	1900	1500	79	0	50	(61-117)
2-Chloronaphthalene	1900	1500	79	0	50	(58-118)
2-Nitroaniline	1900	1600	84	0	50	(57-122)
Dimethylphthalate	1900	1900	80	6	50	(64-118)
Acenaphthylene	1900	1500	79	0	50	(49-134)
2,6-Dinitrotoluene	1900	1600	84	0	50	(56-115)
3-Nitroaniline	1900	1300	68	0	50	(29-130)
Acenaphthene	1900	1500	79	0	50	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3828-05

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
2,4-Dinitrophenol	3700	1000	27	25	50	(13-144)
4-Nitrophenol	3700	3400	92	3	50	(31-130)
Dibenzofuran	1900	1500	79	0	50	(54-128)
2,4-Dinitrotoluene	1900	1600	84	0	50	(53-115)
Diethylphthalate	1900	1600	84	6	50	(61-118)
4-Chlorophenyl-phenylether	1900	1500	79	0	50	(58-118)
Fluorene	1900	1500	79	0	50	(42-141)
4-Nitroaniline	1900	1500	79	0	50	(42-118)
4,6-Dinitro-2-methylphenol	1900	1300	68	16	50	(18-126)
n-Nitrosodiphenylamine	1900	1600	84	6	50	(57-126)
4-Bromophenyl-phenylether	1900	1500	79	6	50	(56-119)
Hexachlorobenzene	1900	1500	79	0	50	(58-117)
Atrazine	1900	1600	84	0	50	(54-119)
Pentachlorophenol	3700	3000	81	6	50	(31-123)
Phenanthrene	1900	1600	80	0	50	(50-129)
Anthracene	1900	1500	79	0	50	(49-136)
Carbazole	1900	1500	79	0	50	(56-129)
Di-n-butylphthalate	1900	1500	79	0	50	(60-120)
Fluoranthene	1900	1600	77	0	50	(47-133)
Pyrene	1900	1700	83	0	50	(47-148)
Butylbenzylphthalate	1900	1600	84	0	50	(62-125)
3,3-Dichlorobenzidine	1900	1400	74	0	50	(20-105)
Benzo(a)anthracene	1900	1600	81	0	50	(49-137)
Chrysene	1900	1500	75	0	50	(47-142)
Bis(2-ethylhexyl)phthalate	1900	1600	84	6	50	(59-139)
Di-n-octyl phthalate	1900	1600	84	6	50	(55-132)
Benzo(b)fluoranthene	1900	1600	80	0	50	(46-146)
Benzo(k)fluoranthene	1900	1600	82	6	50	(49-142)
Benzo(a)pyrene	1900	1600	81	0	50	(48-135)
Indeno(1,2,3-cd)pyrene	1900	1400	74	8	50	(17-154)
Dibenzo(a,h)anthracene	1900	1600	84	0	50	(39-125)
Benzo(g,h,i)perylene	1900	1700	87	0	50	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-02

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
Benzaldehyde	2000	0	450	23	(11-130)
Phenol	2000	45	1800	88	(57-113)
bis(2-Chloroethyl)ether	2000	0	1700	85	(58-119)
2-Chlorophenol	2000	0	1700	85	(56-116)
2-Methylphenol	2000	0	1700	85	(58-115)
2,2-oxybis(1-Chloropropane)	2000	0	1700	85	(53-120)
Acetophenone	2000	0	1600	80	(62-117)
3+4-Methylphenols	2000	0	1700	85	(58-116)
n-Nitroso-di-n-propylamine	2000	0	1700	85	(57-121)
Hexachloroethane	2000	0	1600	80	(44-122)
Nitrobenzene	2000	0	1700	85	(53-119)
Isophorone	2000	0	1700	85	(58-121)
2-Nitrophenol	2000	0	1700	85	(46-117)
2,4-Dimethylphenol	2000	0	1800	90	(52-119)
bis(2-Chloroethoxy)methane	2000	0	1700	85	(55-122)
2,4-Dichlorophenol	2000	0	1700	85	(51-120)
Naphthalene	2000	0	1700	85	(46-137)
4-Chloroaniline	2000	0	1400	70	(16-130)
Hexachlorobutadiene	2000	0	1600	80	(53-116)
Caprolactam	2000	0	1700	85	(44-125)
4-Chloro-3-methylphenol	2000	0	1700	85	(55-116)
2-Methylnaphthalene	2000	0	1700	85	(54-122)
Hexachlorocyclopentadiene	4100	0	3000	73	(13-105)
2,4,6-Trichlorophenol	2000	0	1600	80	(48-114)
2,4,5-Trichlorophenol	2000	0	1700	85	(55-118)
1,1-Biphenyl	2000	0	1600	80	(61-117)
2-Chloronaphthalene	2000	0	1600	80	(58-118)
2-Nitroaniline	2000	0	1700	85	(57-122)
Dimethylphthalate	2000	390	2000	81	(64-118)
Acenaphthylene	2000	0	1600	80	(49-134)
2,6-Dinitrotoluene	2000	0	1700	85	(56-115)
3-Nitroaniline	2000	0	1500	75	(29-130)
Acenaphthene	2000	0	1600	80	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-02

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
2,4-Dinitrophenol	4100	0	2600	63	(13-144)
4-Nitrophenol	4100	0	3800	93	(31-130)
Dibenzofuran	2000	0	1600	80	(54-128)
2,4-Dinitrotoluene	2000	0	1700	85	(53-115)
Diethylphthalate	2000	0	1700	85	(61-118)
4-Chlorophenyl-phenylether	2000	0	1600	80	(58-118)
Fluorene	2000	0	1600	80	(42-141)
4-Nitroaniline	2000	0	1700	85	(42-118)
4,6-Dinitro-2-methylphenol	2000	0	1900	95	(18-126)
n-Nitrosodiphenylamine	2000	0	1600	80	(57-126)
4-Bromophenyl-phenylether	2000	0	1700	85	(56-119)
Hexachlorobenzene	2000	0	1700	85	(58-117)
Atrazine	2000	0	1700	85	(54-119)
Pentachlorophenol	4100	0	3300	80	(31-123)
Phenanthrene	2000	0	1700	85	(50-129)
Anthracene	2000	0	1700	85	(49-136)
Carbazole	2000	0	1700	85	(56-129)
Di-n-butylphthalate	2000	0	1700	85	(60-120)
Fluoranthene	2000	0	1700	85	(47-133)
Pyrene	2000	0	1600	80	(47-148)
Butylbenzylphthalate	2000	0	1700	85	(62-125)
3,3-Dichlorobenzidine	2000	0	1400	70	(20-105)
Benzo(a)anthracene	2000	0	1600	80	(49-137)
Chrysene	2000	0	1600	80	(47-142)
Bis(2-ethylhexyl)phthalate	2000	0	1700	85	(59-139)
Di-n-octyl phthalate	2000	0	1700	85	(55-132)
Benzo(b)fluoranthene	2000	0	1700	85	(46-146)
Benzo(k)fluoranthene	2000	0	1600	80	(49-142)
Benzo(a)pyrene	2000	0	1600	80	(48-135)
Indeno(1,2,3-cd)pyrene	2000	0	1600	80	(17-154)
Dibenzo(a,h)anthracene	2000	0	1600	80	(39-125)
Benzo(g,h,i)perylene	2000	0	1600	80	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-03

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	2000	460	23	0	50	(11-130)
Phenol	2000	1800	88	0	50	(57-113)
bis(2-Chloroethyl)ether	2000	1700	85	0	50	(58-119)
2-Chlorophenol	2000	1700	85	0	50	(56-116)
2-Methylphenol	2000	1700	85	0	50	(58-115)
2,2-oxybis(1-Chloropropane)	2000	1700	85	0	50	(53-120)
Acetophenone	2000	1700	85	6	50	(62-117)
3+4-Methylphenols	2000	1700	85	0	50	(58-116)
n-Nitroso-di-n-propylamine	2000	1700	85	0	50	(57-121)
Hexachloroethane	2000	1500	75	6	50	(44-122)
Nitrobenzene	2000	1600	80	6	50	(53-119)
Isophorone	2000	1700	85	0	50	(58-121)
2-Nitrophenol	2000	1700	85	0	50	(46-117)
2,4-Dimethylphenol	2000	1800	90	0	50	(52-119)
bis(2-Chloroethoxy)methane	2000	1700	85	0	50	(55-122)
2,4-Dichlorophenol	2000	1700	85	0	50	(51-120)
Naphthalene	2000	1700	85	0	50	(46-137)
4-Chloroaniline	2000	1400	70	0	50	(16-130)
Hexachlorobutadiene	2000	1600	80	0	50	(53-116)
Caprolactam	2000	1700	85	0	50	(44-125)
4-Chloro-3-methylphenol	2000	1700	85	0	50	(55-116)
2-Methylnaphthalene	2000	1700	85	0	50	(54-122)
Hexachlorocyclopentadiene	4100	3000	73	0	50	(13-105)
2,4,6-Trichlorophenol	2000	1700	85	6	50	(48-114)
2,4,5-Trichlorophenol	2000	1700	85	0	50	(55-118)
1,1-Biphenyl	2000	1600	80	0	50	(61-117)
2-Chloronaphthalene	2000	1600	80	0	50	(58-118)
2-Nitroaniline	2000	1700	85	0	50	(57-122)
Dimethylphthalate	2000	2000	81	0	50	(64-118)
Acenaphthylene	2000	1600	80	0	50	(49-134)
2,6-Dinitrotoluene	2000	1700	85	0	50	(56-115)
3-Nitroaniline	2000	1500	75	0	50	(29-130)
Acenaphthene	2000	1600	80	0	50	(51-127)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3A

SOLID SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:** CTMA01

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : A3816-03

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % (ug/Kg)	MSD %	QC LIMITS RPD	QC LIMITS REC
2,4-Dinitrophenol	4100	2600	63	0	50	(13-144)
4-Nitrophenol	4100	3900	95	2	50	(31-130)
Dibenzofuran	2000	1600	80	0	50	(54-128)
2,4-Dinitrotoluene	2000	1700	85	0	50	(53-115)
Diethylphthalate	2000	1700	85	0	50	(61-118)
4-Chlorophenyl-phenylether	2000	1700	85	6	50	(58-118)
Fluorene	2000	1700	85	6	50	(42-141)
4-Nitroaniline	2000	1800	90	6	50	(42-118)
4,6-Dinitro-2-methylphenol	2000	1800	90	5	50	(18-126)
n-Nitrosodiphenylamine	2000	1600	80	0	50	(57-126)
4-Bromophenyl-phenylether	2000	1600	80	6	50	(56-119)
Hexachlorobenzene	2000	1600	80	6	50	(58-117)
Atrazine	2000	1600	80	6	50	(54-119)
Pentachlorophenol	4100	3200	78	3	50	(31-123)
Phenanthrene	2000	1600	80	6	50	(50-129)
Anthracene	2000	1600	80	6	50	(49-136)
Carbazole	2000	1600	80	6	50	(56-129)
Di-n-butylphthalate	2000	1600	80	6	50	(60-120)
Fluoranthene	2000	1600	80	6	50	(47-133)
Pyrene	2000	1600	80	0	50	(47-148)
Butylbenzylphthalate	2000	1600	80	6	50	(62-125)
3,3-Dichlorobenzidine	2000	1400	70	0	50	(20-105)
Benzo(a)anthracene	2000	1600	80	0	50	(49-137)
Chrysene	2000	1600	80	0	50	(47-142)
Bis(2-ethylhexyl)phthalate	2000	1600	80	6	50	(59-139)
Di-n-octyl phthalate	2000	1700	85	0	50	(55-132)
Benzo(b)fluoranthene	2000	1600	80	6	50	(46-146)
Benzo(k)fluoranthene	2000	1500	75	6	50	(49-142)
Benzo(a)pyrene	2000	1600	80	0	50	(48-135)
Indeno(1,2,3-cd)pyrene	2000	1500	75	6	50	(17-154)
Dibenzo(a,h)anthracene	2000	1500	75	6	50	(39-125)
Benzo(g,h,i)perylene	2000	1500	75	6	50	(21-146)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 78 outside limits

Spike Recovery : 2 Out of 156 outside limits

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BS

COMPOUND	SPIKE ADDED (ug/L)	CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
Benzaldehyde	50		14	28	(12-130)
Phenol	50		16	32	(13-130)
bis(2-Chloroethyl)ether	50		44	88	(53-112)
2-Chlorophenol	50		37	74	(58-130)
2-Methylphenol	50		33	66	(48-130)
2,2-oxybis(1-Chloropropane)	50		43	86	(58-106)
Acetophenone	50		46	92	(67-106)
3+4-Methylphenols	50		30	60	(41-130)
n-Nitroso-di-n-propylamine	50		46	92	(61-108)
Hexachloroethane	50		35	70	(48-130)
Nitrobenzene	50		45	90	(52-112)
Isophorone	50		47	94	(62-110)
2-Nitrophenol	50		45	90	(61-110)
2,4-Dimethylphenol	50		44	88	(44-104)
bis(2-Chloroethoxy)methane	50		47	94	(60-110)
2,4-Dichlorophenol	50		43	86	(55-110)
Naphthalene	50		41	82	(54-103)
4-Chloroaniline	50		35	70	(25-101)
Hexachlorobutadiene	50		38	76	(46-100)
Caprolactam	50		10	20	(11-130)
4-Chloro-3-methylphenol	50		42	84	(65-104)
2-Methylnaphthalene	50		42	84	(61-103)
Hexachlorocyclopentadiene	100		68	68	(35-130)
2,4,6-Trichlorophenol	50		45	90	(66-110)
2,4,5-Trichlorophenol	50		45	90	(67-112)
1,1-Biphenyl	50		42	84	(67-105)
2-Chloronaphthalene	50		42	84	(63-106)
2-Nitroaniline	50		47	94	(72-113)
Dimethylphthalate	50		47	94	(26-119)
Acenaphthylene	50		44	88	(63-107)
2,6-Dinitrotoluene	50		47	94	(74-111)
3-Nitroaniline	50		44	88	(42-104)
Acenaphthene	50		44	88	(62-107)
2,4-Dinitrophenol	100		77	77	(43-117)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 3 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BS

COMPOUND	SPIKE ADDED (ug/L)	CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	100		39	39	(12-130)
Dibenzofuran	50		44	88	(70-106)
2,4-Dinitrotoluene	50		49	98	(77-113)
Diethylphthalate	50		48	96	(63-110)
4-Chlorophenyl-phenylether	50		45	90	(71-109)
Fluorene	50		44	88	(66-110)
4-Nitroaniline	50		48	96	(75-113)
4,6-Dinitro-2-methylphenol	50		48	96	(68-129)
n-Nitrosodiphenylamine	50		47	94	(73-110)
4-Bromophenyl-phenylether	50		47	94	(73-113)
Hexachlorobenzene	50		46	92	(60-121)
Atrazine	50		48	96	(73-120)
Pentachlorophenol	100		89	89	(63-112)
Phenanthrene	50		47	94	(67-114)
Anthracene	50		47	94	(69-111)
Carbazole	50		47	94	(79-115)
Di-n-butylphthalate	50		49	98	(80-113)
Fluoranthene	50		47	94	(72-116)
Pyrene	50		48	96	(73-117)
Butylbenzylphthalate	50		50	100	(76-118)
3,3-Dichlorobenzidine	50		45	90	(49-112)
Benzo(a)anthracene	50		48	96	(66-122)
Chrysene	50		48	96	(68-122)
Bis(2-ethylhexyl)phthalate	50		50	100	(79-120)
Di-n-octyl phthalate	50		50	100	(77-120)
Benzo(b)fluoranthene	50		52	104	(65-132)
Benzo(k)fluoranthene	50		50	100	(68-124)
Benzo(a)pyrene	50		49	98	(69-125)
Indeno(1,2,3-cd)pyrene	50		40	80	(60-128)
Dibenzo(a,h)anthracene	50		45	90	(62-132)
Benzo(g,h,i)perylene	50		46	92	(68-124)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 3 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
Benzaldehyde	50	13	26		0	(12-130)
Phenol	50	15	30		0	(13-130)
bis(2-Chloroethyl)ether	50	42	84		0	(53-112)
2-Chlorophenol	50	36	72		0	(58-130)
2-Methylphenol	50	32	64		0	(48-130)
2,2-oxybis(1-Chloropropane)	50	41	82		0	(58-106)
Acetophenone	50	44	88		0	(67-106)
3+4-Methylphenols	50	29	58		0	(41-130)
n-Nitroso-di-n-propylamine	50	45	90		0	(61-108)
Hexachloroethane	50	33	66		0	(48-130)
Nitrobenzene	50	43	86		0	(52-112)
Isophorone	50	45	90		0	(62-110)
2-Nitrophenol	50	43	86		0	(61-110)
2,4-Dimethylphenol	50	42	84		0	(44-104)
bis(2-Chloroethoxy)methane	50	45	90		0	(60-110)
2,4-Dichlorophenol	50	41	82		0	(55-110)
Naphthalene	50	38	76		0	(54-103)
4-Chloroaniline	50	36	72		0	(25-101)
Hexachlorobutadiene	50	34	68		0	(46-100)
Caprolactam	50	9.5	19		0	(11-130)
4-Chloro-3-methylphenol	50	41	82		0	(65-104)
2-Methylnaphthalene	50	39	78		0	(61-103)
Hexachlorocyclopentadiene	100	63	63		0	(35-130)
2,4,6-Trichlorophenol	50	44	88		0	(66-110)
2,4,5-Trichlorophenol	50	44	88		0	(67-112)
1,1-Biphenyl	50	40	80		0	(67-105)
2-Chloronaphthalene	50	40	80		0	(63-106)
2-Nitroaniline	50	48	96		0	(72-113)
Dimethylphthalate	50	47	94		0	(26-119)
Acenaphthylene	50	42	84		0	(63-107)
2,6-Dinitrotoluene	50	47	94		0	(74-111)
3-Nitroaniline	50	45	90		0	(42-104)
Acenaphthene	50	42	84		0	(62-107)
2,4-Dinitrophenol	100	78	78		0	(43-117)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 3 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3B

WATER SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43887BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
4-Nitrophenol	100	36	36		0	(12-130)
Dibenzofuran	50	43	86		0	(70-106)
2,4-Dinitrotoluene	50	49	98		0	(77-113)
Diethylphthalate	50	48	96		0	(63-110)
4-Chlorophenyl-phenylether	50	44	88		0	(71-109)
Fluorene	50	44	88		0	(66-110)
4-Nitroaniline	50	47	94		0	(75-113)
4,6-Dinitro-2-methylphenol	50	48	96		0	(68-129)
n-Nitrosodiphenylamine	50	44	88		0	(73-110)
4-Bromophenyl-phenylether	50	45	90		0	(73-113)
Hexachlorobenzene	50	44	88		0	(60-121)
Atrazine	50	46	92		0	(73-120)
Pentachlorophenol	100	86	86		0	(63-112)
Phenanthrene	50	44	88		0	(67-114)
Anthracene	50	44	88		0	(69-111)
Carbazole	50	45	90		0	(79-115)
Di-n-butylphthalate	50	47	94		0	(80-113)
Fluoranthene	50	44	88		0	(72-116)
Pyrene	50	46	92		0	(73-117)
Butylbenzylphthalate	50	47	94		0	(76-118)
3,3-Dichlorobenzidine	50	46	92		0	(49-112)
Benzo(a)anthracene	50	46	92		0	(66-122)
Chrysene	50	45	90		0	(68-122)
Bis(2-ethylhexyl)phthalate	50	47	94		0	(79-120)
Di-n-octyl phthalate	50	47	94		0	(77-120)
Benzo(b)fluoranthene	50	51	102		0	(65-132)
Benzo(k)fluoranthene	50	49	98		0	(68-124)
Benzo(a)pyrene	50	47	94		0	(69-125)
Indeno(1,2,3-cd)pyrene	50	38	76		0	(60-128)
Dibenzo(a,h)anthracene	50	44	88		0	(62-132)
Benzo(g,h,i)perylene	50	44	88		0	(68-124)

 # Column to be used to flag recovery and RPD values with an asterisk
*** Values outside of QC limits**

RPD : 0 Out of 0 outside limits

Spike Recovery : 3 Out of 78 outside limits

Comments: _____

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43894BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
Benzaldehyde	1700		360	21	(11-130)
Phenol	1700		1400	82	(61-101)
bis(2-Chloroethyl)ether	1700		1400	82	(59-103)
2-Chlorophenol	1700		1400	82	(62-100)
2-Methylphenol	1700		1400	82	(62-101)
2,2-oxybis(1-Chloropropane)	1700		1400	82	(57-105)
Acetophenone	1700		1300	76	(61-103)
3+4-Methylphenols	1700		1400	82	(63-100)
n-Nitroso-di-n-propylamine	1700		1400	82	(61-103)
Hexachloroethane	1700		1300	76	(55-101)
Nitrobenzene	1700		1300	76	(60-103)
Isophorone	1700		1400	82	(62-103)
2-Nitrophenol	1700		1400	82	(62-105)
2,4-Dimethylphenol	1700		1500	88	(63-130)
bis(2-Chloroethoxy)methane	1700		1400	82	(62-104)
2,4-Dichlorophenol	1700		1400	82	(63-102)
Naphthalene	1700		1400	82	(61-103)
4-Chloroaniline	1700		960	56	(10-130)
Hexachlorobutadiene	1700		1300	76	(58-104)
Caprolactam	1700		1300	76	(48-103)
4-Chloro-3-methylphenol	1700		1400	82	(65-102)
2-Methylnaphthalene	1700		1400	82	(63-101)
Hexachlorocyclopentadiene	3300		2400	73	(54-100)
2,4,6-Trichlorophenol	1700		1400	82	(63-102)
2,4,5-Trichlorophenol	1700		1400	82	(63-103)
1,1-Biphenyl	1700		1300	76	(64-100)
2-Chloronaphthalene	1700		1300	76	(64-102)
2-Nitroaniline	1700		1400	82	(64-107)
Dimethylphthalate	1700		1600	94	(66-103)
Acenaphthylene	1700		1400	82	(64-103)
2,6-Dinitrotoluene	1700		1400	82	(65-104)
3-Nitroaniline	1700		1100	65	(28-130)
Acenaphthene	1700		1400	82	(64-103)
2,4-Dinitrophenol	3300		2100	64	(38-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 1 **Out of** 78 **outside limits**

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43894BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	3300		3000	91	(56-103)
Dibenzofuran	1700		1400	82	(67-100)
2,4-Dinitrotoluene	1700		1400	82	(65-105)
Diethylphthalate	1700		1400	82	(65-102)
4-Chlorophenyl-phenylether	1700		1400	82	(65-102)
Fluorene	1700		1400	82	(65-103)
4-Nitroaniline	1700		1400	82	(57-102)
4,6-Dinitro-2-methylphenol	1700		1400	82	(53-111)
n-Nitrosodiphenylamine	1700		1300	76	(64-105)
4-Bromophenyl-phenylether	1700		1400	82	(62-108)
Hexachlorobenzene	1700		1400	82	(63-106)
Atrazine	1700		1300	76	(54-112)
Pentachlorophenol	3300		2600	79	(58-104)
Phenanthrene	1700		1400	82	(65-103)
Anthracene	1700		1400	82	(65-103)
Carbazole	1700		1400	82	(64-106)
Di-n-butylphthalate	1700		1400	82	(67-105)
Fluoranthene	1700		1400	82	(64-106)
Pyrene	1700		1400	82	(68-107)
Butylbenzylphthalate	1700		1400	82	(68-111)
3,3-Dichlorobenzidine	1700		1000	59	(28-130)
Benzo(a)anthracene	1700		1400	82	(66-103)
Chrysene	1700		1300	76	(68-105)
Bis(2-ethylhexyl)phthalate	1700		1400	82	(70-109)
Di-n-octyl phthalate	1700		1400	82	(67-111)
Benzo(b)fluoranthene	1700		1400	82	(64-109)
Benzo(k)fluoranthene	1700		1300	76	(66-107)
Benzo(a)pyrene	1700		1400	82	(66-107)
Indeno(1,2,3-cd)pyrene	1700		1400	82	(61-108)
Dibenzo(a,h)anthracene	1700		1400	82	(63-108)
Benzo(g,h,i)perylene	1700		1400	82	(64-108)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 1 **Out of** 78 **outside limits**

Comments: _____

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43919BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
Benzaldehyde	1700		380	22	(11-130)
Phenol	1700		1400	82	(61-101)
bis(2-Chloroethyl)ether	1700		1400	82	(59-103)
2-Chlorophenol	1700		1400	82	(62-100)
2-Methylphenol	1700		1400	82	(62-101)
2,2-oxybis(1-Chloropropane)	1700		1400	82	(57-105)
Acetophenone	1700		1400	82	(61-103)
3+4-Methylphenols	1700		1400	82	(63-100)
n-Nitroso-di-n-propylamine	1700		1400	82	(61-103)
Hexachloroethane	1700		1300	76	(55-101)
Nitrobenzene	1700		1400	82	(60-103)
Isophorone	1700		1400	82	(62-103)
2-Nitrophenol	1700		1400	82	(62-105)
2,4-Dimethylphenol	1700		1500	88	(63-130)
bis(2-Chloroethoxy)methane	1700		1500	88	(62-104)
2,4-Dichlorophenol	1700		1400	82	(63-102)
Naphthalene	1700		1400	82	(61-103)
4-Chloroaniline	1700		950	56	(10-130)
Hexachlorobutadiene	1700		1400	82	(58-104)
Caprolactam	1700		1300	76	(48-103)
4-Chloro-3-methylphenol	1700		1500	88	(65-102)
2-Methylnaphthalene	1700		1400	82	(63-101)
Hexachlorocyclopentadiene	3300		2400	73	(54-100)
2,4,6-Trichlorophenol	1700		1400	82	(63-102)
2,4,5-Trichlorophenol	1700		1400	82	(63-103)
1,1-Biphenyl	1700		1400	82	(64-100)
2-Chloronaphthalene	1700		1400	82	(64-102)
2-Nitroaniline	1700		1400	82	(64-107)
Dimethylphthalate	1700		1600	94	(66-103)
Acenaphthylene	1700		1400	82	(64-103)
2,6-Dinitrotoluene	1700		1400	82	(65-104)
3-Nitroaniline	1700		1100	65	(28-130)
Acenaphthene	1700		1400	82	(64-103)
2,4-Dinitrophenol	3300		1900	58	(38-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 Out of 0 outside limits

Spike Recovery : 1 Out of 78 outside limits

Comments:

CHEMTECH

3A

SOIL SEMIVOLATILE LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH **Contract:**

Lab Code: CHEM **Cas No:** A3816 **SAS No :** A3816 **SDG No:** A3816

Matrix Spike - EPA Sample No : PB43919BS

COMPOUND	SPIKE ADDED (ug/Kg)	CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
4-Nitrophenol	3300		3000	91	(56-103)
Dibenzofuran	1700		1400	82	(67-100)
2,4-Dinitrotoluene	1700		1500	88	(65-105)
Diethylphthalate	1700		1500	88	(65-102)
4-Chlorophenyl-phenylether	1700		1400	82	(65-102)
Fluorene	1700		1400	82	(65-103)
4-Nitroaniline	1700		1400	82	(57-102)
4,6-Dinitro-2-methylphenol	1700		1400	82	(53-111)
n-Nitrosodiphenylamine	1700		1400	82	(64-105)
4-Bromophenyl-phenylether	1700		1400	82	(62-108)
Hexachlorobenzene	1700		1400	82	(63-106)
Atrazine	1700		1400	82	(54-112)
Pentachlorophenol	3300		2700	82	(58-104)
Phenanthrene	1700		1400	82	(65-103)
Anthracene	1700		1400	82	(65-103)
Carbazole	1700		1400	82	(64-106)
Di-n-butylphthalate	1700		1500	88	(67-105)
Fluoranthene	1700		1400	82	(64-106)
Pyrene	1700		1500	88	(68-107)
Butylbenzylphthalate	1700		1500	88	(68-111)
3,3-Dichlorobenzidine	1700		1200	71	(28-130)
Benzo(a)anthracene	1700		1400	82	(66-103)
Chrysene	1700		1400	82	(68-105)
Bis(2-ethylhexyl)phthalate	1700		1500	88	(70-109)
Di-n-octyl phthalate	1700		1500	88	(67-111)
Benzo(b)fluoranthene	1700		1500	88	(64-109)
Benzo(k)fluoranthene	1700		1600	94	(66-107)
Benzo(a)pyrene	1700		1400	82	(66-107)
Indeno(1,2,3-cd)pyrene	1700		1200	71	(61-108)
Dibenzo(a,h)anthracene	1700		1300	76	(63-108)
Benzo(g,h,i)perylene	1700		1400	82	(64-108)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD : 0 **Out of** 0 **outside limits**

Spike Recovery : 1 **Out of** 78 **outside limits**

Comments: _____

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43887B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030377.D Lab Sample ID: PB43887B

Instrument ID: BNAF Date Extracted: 08/06/2009

Matrix: (soil/water) WATER Date Analyzed: 08/07/2009

Level: (low/med) LOW Time Analyzed: 13:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB080309	A3816-14	BF030376.D	08/07/2009
PB43887BS	PB43887BS	BF030378.D	08/07/2009
PB43887BSD	PB43887BSD	BF030379.D	08/07/2009

COMMENTS:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43887B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43887B

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF030377.D

Level: (low/med) LOW Date Received:

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/L

Number TICS found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.2	4.8	A

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43894B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030340.D Lab Sample ID: PB43894B

Instrument ID: BNAF Date Extracted: 08/06/2009

Matrix: (soil/water) SOIL Date Analyzed: 08/06/2009

Level: (low/med) LOW Time Analyzed: 15:18

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB43894BS	PB43894BS	BF030341.D	08/06/2009
SBM-7	A3816-01	BF030342.D	08/06/2009
SBM-7MS	A3816-02MS	BF030343.D	08/06/2009
SBM-7MSD	A3816-03MSD	BF030344.D	08/06/2009
SBM-1	A3816-04	BF030345.D	08/06/2009
FDSS080309	A3816-06	BF030347.D	08/06/2009
SBM-2	A3816-07	BF030348.D	08/06/2009
SBM-11	A3816-08	BF030349.D	08/06/2009
SBM-12	A3816-09	BF030350.D	08/06/2009
SBM-4	A3816-10	BF030351.D	08/06/2009
SBM-3	A3816-11	BF030352.D	08/06/2009
SBM-5	A3816-12	BF030353.D	08/06/2009
SBM-6-S-2	A3816-17	BF030354.D	08/06/2009
SBM-3-S-1	A3816-18	BF030355.D	08/06/2009
SBM-4-S-1	A3816-19	BF030356.D	08/06/2009
SBM-2-S-3	A3816-20	BF030357.D	08/06/2009
SBM-9-S-1	A3816-21	BF030358.D	08/06/2009
SBM-1-S-2	A3816-22	BF030359.D	08/06/2009
SBM-10	A3816-15	BF030360.D	08/07/2009
SBM-9	A3816-13	BF030361.D	08/07/2009
SBM-6	A3816-16	BF030362.D	08/07/2009

COMMENTS:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
65794-96-9	3+4-Methylphenols	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	330	U
92-52-4	1,1-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	330	U
131-11-3	Dimethylphthalate	140	J

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	330	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	330	U
100-02-7	4-Nitrophenol	330	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	330	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43894B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43894B

Sample wt/vol: 30.03 (g/mL) g Lab File ID: BF030340.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/06/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/06/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/Kg

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	300	A
593-50-0	1-Triacontanol	12.37	160	J

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB43919B

Lab Name: CHEMTECH Contract: CTMA01

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

Lab File ID: BF030382.D Lab Sample ID: PB43919B

Instrument ID: BNAF Date Extracted: 08/07/2009

Matrix: (soil/water) SOIL Date Analyzed: 08/07/2009

Level: (low/med) LOW Time Analyzed: 15:32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB43919BS	PB43919BS	BF030383.D	08/07/2009
SBM-8	A3816-05	BF030384.D	08/07/2009
SB-01(12-14)MS	A3828-04MS	BF030397.D	08/07/2009
SB-01(12-14)MSD	A3828-05MSD	BF030398.D	08/07/2009

COMMENTS:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
65794-96-9	3+4-Methylphenols	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	330	U
92-52-4	1,1-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	330	U
131-11-3	Dimethylphthalate	230	J

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	330	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	330	U
100-02-7	4-Nitrophenol	330	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	330	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U

Comments:

CHEMTECH

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
117-84-0	Di-n-octyl phthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

Comments:

CHEMTECH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB43919B

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43919B

Sample wt/vol: 30 (g/mL) g Lab File ID: BF030382.D

Level: (low/med) LOW Date Received:

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/07/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Concentration Units: ug/Kg

Number TICS found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.21	320	A

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	89272	4.78	331187	5.94	169944	7.62
	UPPER LIMIT	178544	5.28	662374	6.44	339888	8.12
	LOWER LIMIT	44636	4.28	165593.5	5.44	84972	7.12
	EPA SAMPLE NO.						
01	FDSS080309	93495	4.78	347551	5.93	177193	7.62
02	SBM-2	93312	4.78	346386	5.93	175188	7.62
03	SBM-11	90478	4.78	326444	5.93	165668	7.62
04	SBM-12	94581	4.78	344218	5.93	175434	7.62
05	SBM-4	97609	4.78	355507	5.93	181510	7.62
06	SBM-3	89720	4.78	335159	5.93	168949	7.62
07	SBM-5	95162	4.78	342430	5.93	178085	7.62
08	SBM-9	83780	4.78	309898	5.94	156993	7.62
09	SBM-10	92696	4.78	333257	5.93	167566	7.62
10	SBM-6	95049	4.78	344202	5.93	168180	7.62
11	SBM-6-S-2	92448	4.78	344631	5.93	172859	7.62
12	SBM-3-S-1	94603	4.78	347412	5.94	179562	7.62
13	SBM-4-S-1	96224	4.78	349247	5.93	177672	7.62
14	SBM-2-S-3	94746	4.78	347943	5.93	178532	7.62
15	SBM-9-S-1	99041	4.78	355281	5.93	179731	7.62
16	SBM-1-S-2	92389	4.78	338414	5.93	172007	7.62
17	SBM-7	93169	4.78	349707	5.93	183215	7.62
18	SBM-7MS	99908	4.78	370881	5.94	194374	7.62
19	SBM-7MSD	96077	4.78	354815	5.94	181966	7.62
20	SBM-1	95168	4.78	355742	5.93	183611	7.62
21	PB43894B	99972	4.78	372198	5.93	194237	7.62
22	PB43894BS	96413	4.78	360420	5.94	186062	7.62

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	89272	4.78	331187	5.94	169944	7.62
UPPER LIMIT	178544	5.28	662374	6.44	339888	8.12
LOWER LIMIT	44636	4.28	165593.5	5.44	84972	7.12
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	280967	9.27	249325	12.46	224357	14.32
	UPPER LIMIT	561934	9.77	498650	12.96	448714	14.82
	LOWER LIMIT	140483.5	8.77	124662.5	11.96	112178.5	13.82
	EPA SAMPLE NO.						
01	FDSS080309	289163	9.27	244760	12.46	204830	14.32
02	SBM-2	289251	9.27	240792	12.46	205146	14.32
03	SBM-11	270468	9.27	228684	12.46	194966	14.32
04	SBM-12	288334	9.27	238583	12.46	203410	14.32
05	SBM-4	297743	9.27	240521	12.46	201587	14.32
06	SBM-3	277933	9.27	234402	12.46	196250	14.32
07	SBM-5	292224	9.27	244397	12.46	204494	14.32
08	SBM-9	261067	9.27	233158	12.46	184754	14.32
09	SBM-10	279379	9.27	232462	12.46	193096	14.32
10	SBM-6	262872	9.27	221633	12.46	166253	14.32
11	SBM-6-S-2	292874	9.27	242506	12.46	205730	14.32
12	SBM-3-S-1	295101	9.27	238574	12.46	198083	14.32
13	SBM-4-S-1	291402	9.27	235536	12.46	199233	14.32
14	SBM-2-S-3	290073	9.27	235788	12.46	200632	14.32
15	SBM-9-S-1	296311	9.27	240461	12.46	201364	14.32
16	SBM-1-S-2	286877	9.27	235089	12.46	194277	14.32
17	SBM-7	305046	9.27	264862	12.46	231736	14.32
18	SBM-7MS	313467	9.28	267063	12.46	239364	14.32
19	SBM-7MSD	306432	9.27	260018	12.46	234173	14.32
20	SBM-1	304854	9.27	263624	12.46	224572	14.32
21	PB43894B	326433	9.27	284304	12.46	242301	14.32

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/06/2009

Lab File ID: BF030339.D Time Analyzed: 14:51

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	280967	9.27	249325	12.46	224357	14.32
	UPPER LIMIT	561934	9.77	498650	12.96	448714	14.82
	LOWER LIMIT	140483.5	8.77	124662.5	11.96	112178.5	13.82
	EPA SAMPLE NO.						
22	PB43894BS	304135	9.27	259220	12.46	226153	14.32

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030368.D Time Analyzed: 09:08

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83456	4.78	301326	5.94	154089	7.62
	UPPER LIMIT	166912	5.28	602652	6.44	308178	8.12
	LOWER LIMIT	41728	4.28	150663	5.44	77044.5	7.12
	EPA SAMPLE NO.						
01	PB43887B	88361	4.78	320192	5.94	160689	7.62
02	PB43887BS	95007	4.78	344395	5.94	177208	7.62
03	PB43887BSD	89766	4.78	332304	5.94	168131	7.62
04	EB080309	95491	4.78	343586	5.93	175535	7.62

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030368.D Time Analyzed: 09:08

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	257935	9.27	230228	12.46	185509	14.32
	UPPER LIMIT	515870	9.77	460456	12.96	371018	14.82
	LOWER LIMIT	128967.5	8.77	115114	11.96	92754.5	13.82
	EPA SAMPLE NO.						
01	PB43887B	268860	9.27	219512	12.46	164576	14.32
02	PB43887BS	278595	9.28	226437	12.46	183534	14.32
03	PB43887BSD	274592	9.28	224364	12.46	177220	14.32
04	EB080309	289064	9.27	245759	12.46	187688	14.32

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	87402	4.78	322466	5.94	165591	7.62
	UPPER LIMIT	174804	5.28	644932	6.44	331182	8.12
	LOWER LIMIT	43701	4.28	161233	5.44	82795.5	7.12
	EPA SAMPLE NO.						
01	SB-01(12-14)MS	107369	4.78	387342	5.94	193132	7.62
02	SB-01(12-14)MSD	109903	4.78	399476	5.94	196364	7.62
03	SBM-8	97407	4.78	351758	5.93	182856	7.62
04	PB43919B	89999	4.78	333124	5.94	169420	7.62
05	PB43919BS	94770	4.78	345701	5.94	178499	7.62

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	87402	4.78	322466	5.94	165591	7.62
UPPER LIMIT	174804	5.28	644932	6.44	331182	8.12
LOWER LIMIT	43701	4.28	161233	5.44	82795.5	7.12
EPA SAMPLE NO.						

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	270420	9.28	228485	12.46	178750	14.32
	UPPER LIMIT	540840	9.78	456970	12.96	357500	14.82
	LOWER LIMIT	135210	8.78	114242.5	11.96	89375	13.82
	EPA SAMPLE NO.						
01	SB-01(12-14)MS	302017	9.28	235468	12.46	176314	14.32
02	SB-01(12-14)MSD	303575	9.28	237897	12.46	178676	14.32
03	SBM-8	303806	9.27	243378	12.46	186520	14.32
04	PB43919B	282791	9.27	241191	12.46	182843	14.32
05	PB43919BS	284765	9.28	229082	12.47	183504	14.33

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: A3816 SAS No.: A3816 SDG NO.: A3816

EPA Sample No.: SSTD040 Date Analyzed: 08/07/2009

Lab File ID: BF030381.D Time Analyzed: 15:05

Instrument ID: BNAF GC Column: RTX-5 SILMS ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	270420	9.28	228485	12.46	178750	14.32
UPPER LIMIT	540840	9.78	456970	12.96	357500	14.82
LOWER LIMIT	135210	8.78	114242.5	11.96	89375	13.82
EPA SAMPLE NO.						

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039749.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039752.D

% Moisture: 27 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	2.3	U
72-55-9	4,4'-DDE	2.3	U
72-20-8	Endrin	2.3	U
33213-65-9	Endosulfan II	2.3	U
72-54-8	4,4'-DDD	2.3	U
1031-07-8	Endosulfan sulfate	2.3	U
50-29-3	4,4'-DDT	2.3	U
72-43-5	Methoxychlor	2.3	U
53494-70-5	Endrin ketone	2.3	U
7421-93-4	Endrin aldehyde	2.3	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	23	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039753.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039754.D

% Moisture: 23 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039755.D

% Moisture: 19 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039756.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039757.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	1.9	U
72-55-9	4,4'-DDE	1.9	U
72-20-8	Endrin	1.9	U
33213-65-9	Endosulfan II	1.9	U
72-54-8	4,4'-DDD	1.9	U
1031-07-8	Endosulfan sulfate	1.9	U
50-29-3	4,4'-DDT	1.9	U
72-43-5	Methoxychlor	1.9	U
53494-70-5	Endrin ketone	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	19	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039758.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/11/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039810.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039811.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	2.1	U
72-55-9	4,4'-DDE	2.1	U
72-20-8	Endrin	2.1	U
33213-65-9	Endosulfan II	2.1	U
72-54-8	4,4'-DDD	2.1	U
1031-07-8	Endosulfan sulfate	2.1	U
50-29-3	4,4'-DDT	2.1	U
72-43-5	Methoxychlor	2.1	U
53494-70-5	Endrin ketone	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039812.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) mL Lab File ID: P7039711.D

% Moisture: Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5 Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.053	U
319-85-7	beta-BHC	0.053	U
319-86-8	delta-BHC	0.053	U
58-89-9	gamma-BHC (Lindane)	0.053	U
76-44-8	Heptachlor	0.053	U
309-00-2	Aldrin	0.053	U
1024-57-3	Heptachlor epoxide	0.053	U
959-98-8	Endosulfan I	0.053	U
60-57-1	Dieldrin	0.053	U
72-55-9	4,4'-DDE	0.053	U
72-20-8	Endrin	0.053	U
33213-65-9	Endosulfan II	0.053	U
72-54-8	4,4'-DDD	0.053	U
1031-07-8	Endosulfan sulfate	0.053	U
50-29-3	4,4'-DDT	0.053	U
72-43-5	Methoxychlor	0.053	U
53494-70-5	Endrin ketone	0.053	U
7421-93-4	Endrin aldehyde	0.053	U
5103-71-9	alpha-Chlordane	0.053	U
5103-74-2	gamma-Chlordane	0.053	U
8001-35-2	Toxaphene	0.53	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039813.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039814.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	1.9	U
72-55-9	4,4'-DDE	1.9	U
72-20-8	Endrin	1.9	U
33213-65-9	Endosulfan II	1.9	U
72-54-8	4,4'-DDD	1.9	U
1031-07-8	Endosulfan sulfate	1.9	U
50-29-3	4,4'-DDT	1.9	U
72-43-5	Methoxychlor	1.9	U
53494-70-5	Endrin ketone	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	19	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039815.D

% Moisture: 17 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039816.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039817.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039818.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039819.D

% Moisture: 14 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	2.0	U
72-55-9	4,4'-DDE	2.0	U
72-20-8	Endrin	2.0	U
33213-65-9	Endosulfan II	2.0	U
72-54-8	4,4'-DDD	2.0	U
1031-07-8	Endosulfan sulfate	2.0	U
50-29-3	4,4'-DDT	2.0	U
72-43-5	Methoxychlor	2.0	U
53494-70-5	Endrin ketone	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30 (g/mL) g Lab File ID: P7039820.D

% Moisture: 22 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/12/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.2	U
72-55-9	4,4'-DDE	2.2	U
72-20-8	Endrin	2.2	U
33213-65-9	Endosulfan II	2.2	U
72-54-8	4,4'-DDD	2.2	U
1031-07-8	Endosulfan sulfate	2.2	U
50-29-3	4,4'-DDT	2.2	U
72-43-5	Methoxychlor	2.2	U
53494-70-5	Endrin ketone	2.2	U
7421-93-4	Endrin aldehyde	2.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	22	U

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PB43888BL	114		109		111		114				0
02	PB43888BS	85		82		86		90				0
03	PB43888BSD	85		82		91		93				0
04	EB080309	57		55		89		89				0

QC LIMITS

TCMX = Tetrachloro-m-xylene (18-157)
DCB = Decachlorobiphenyl (18-157)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC #	TCX2 % REC #	DCB1 % REC #	DCB2 % REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PB43893BL	110	107	110	111			0
02	PB43893BS	96	93	95	99			0
03	SBM-7	79	76	77	80			0
04	A3816-01MS	86	81	90	95			0
05	A3816-01MSD	61	61	87	92			0
06	SBM-1	59	58	74	75			0
07	SBM-8	62	61	70	71			0
08	FDSS080309	59	60	70	77			0
09	SBM-2	57	55	67	70			0
10	SBM-11	74	73	77	80			0
11	SBM-12	95	97	88	87			0
12	SBM-4	70	72	79	81			0
13	SBM-3	87	90	89	88			0
14	SBM-5	84	87	87	88			0
15	SBM-9	60	78	82	82			0
16	SBM-10	49	61	78	74			0
17	SBM-6	84	99	102	99			0
18	SBM-6-S-2	64	74	85	82			0
19	SBM-3-S-1	63	70	83	82			0
20	SBM-4-S-1	71	76	84	83			0
21	SBM-2-S-3	61	65	86	85			0
22	SBM-9-S-1	65	68	59	58			0
23	SBM-1-S-2	61	64	70	70			0

QC LIMITS

TCMX = Tetrachloro-m-xylene (25-140)
DCB = Decachlorobiphenyl (25-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

3F

SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: A3816-02MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
alpha-BHC	20.2	0	22	99	(38-125)
beta-BHC	20.2	0	22	99	(45-126)
delta-BHC	20.2	0	20	99	(33-123)
gamma-BHC (Lindane)	20.2	0	23	104	(42-126)
Heptachlor	20.2	0	22	94	(43-123)
Aldrin	20.2	0	20	94	(34-128)
Heptachlor epoxide	20.2	0	20	94	(43-126)
Endosulfan I	20.2	0	19	84	(31-137)
Dieldrin	20.2	0	19	89	(34-136)
4,4'-DDE	20.2	0	19	89	(34-146)
Endrin	20.2	0	19	94	(31-143)
Endosulfan II	20.2	0	21	89	(33-123)
4,4'-DDD	20.2	0	19	79	(31-126)
Endosulfan sulfate	20.2	0	20	99	(27-127)
4,4'-DDT	20.2	0	22	94	(16-157)
Methoxychlor	20.2	0	21	99	(19-172)
Endrin ketone	20.2	0	21	99	(34-123)
Endrin aldehyde	20.2	0	17	79	(22-121)
alpha-Chlordane	20.2	0	19	89	(34-132)
gamma-Chlordane	20.2	0	19	89	(33-135)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: A3816-03MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
alpha-BHC	20.2	21	94	4	20	(38-125)
beta-BHC	20.2	20	89	9	20	(45-126)
delta-BHC	20.2	18	79	8	20	(33-123)
gamma-BHC (Lindane)	20.2	22	94	1	50	(42-126)
Heptachlor	20.2	18	79	19	31	(43-123)
Aldrin	20.2	18	84	8	43	(34-128)
Heptachlor epoxide	20.2	19	84	8	20	(43-126)
Endosulfan I	20.2	15	59	26*	20	(31-137)
Dieldrin	20.2	17	79	13	38	(34-136)
4,4'-DDE	20.2	16	79	13	20	(34-146)
Endrin	20.2	14	69	33	45	(31-143)
Endosulfan II	20.2	17	64	19	20	(33-123)
4,4'-DDD	20.2	15	64	20	20	(31-126)
Endosulfan sulfate	20.2	14	59	33*	20	(27-127)
4,4'-DDT	20.2	17	74	25	50	(16-157)
Methoxychlor	20.2	13	64	46*	20	(19-172)
Endrin ketone	20.2	17	84	19	20	(34-123)
Endrin aldehyde	20.2	11	54	43*	20	(22-121)
alpha-Chlordane	20.2	17	84	13	20	(34-132)
gamma-Chlordane	20.2	17	79	13	20	(33-135)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 4 out of 20 outside limits

Spike Recovery: 0 out of 20 outside limits

3E

WATER LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43888BS

COMPOUND	SPIKE ADDED (ug/L)		LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
alpha-BHC	0.5000		0.54	108	(65-141)
beta-BHC	0.5000		0.54	108	(42-152)
delta-BHC	0.5000		0.53	106	(26-172)
gamma-BHC (Lindane)	0.5000		0.55	110	(60-143)
Heptachlor	0.5000		0.53	106	(60-147)
Aldrin	0.5000		0.46	92	(62-130)
Heptachlor epoxide	0.5000		0.50	100	(42-144)
Endosulfan I	0.5000		0.49	98	(54-136)
Dieldrin	0.5000		0.48	96	(64-137)
4,4'-DDE	0.5000		0.46	92	(57-141)
Endrin	0.5000		0.51	102	(56-147)
Endosulfan II	0.5000		0.50	100	(45-143)
4,4'-DDD	0.5000		0.48	96	(45-166)
Endosulfan sulfate	0.5000		0.59	118	(42-155)
4,4'-DDT	0.5000		0.50	100	(45-164)
Methoxychlor	0.5000		0.55	110	(48-161)
Endrin ketone	0.5000		0.55	110	(55-175)
Endrin aldehyde	0.5000		0.49	98	(52-150)
alpha-Chlordane	0.5000		0.47	94	(55-139)
gamma-Chlordane	0.5000		0.47	94	(53-141)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43888BSD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
alpha-BHC	0.5000	0.55	110	2	20	(65-141)
beta-BHC	0.5000	0.55	110	2	20	(42-152)
delta-BHC	0.5000	0.55	110	4	20	(26-172)
gamma-BHC (Lindane)	0.5000	0.56	112	2	15	(60-143)
Heptachlor	0.5000	0.54	108	2	20	(60-147)
Aldrin	0.5000	0.48	96	4	22	(62-130)
Heptachlor epoxide	0.5000	0.51	102	2	20	(42-144)
Endosulfan I	0.5000	0.51	102	4	20	(54-136)
Dieldrin	0.5000	0.49	98	2	18	(64-137)
4,4'-DDE	0.5000	0.48	96	4	20	(57-141)
Endrin	0.5000	0.53	106	4	21	(56-147)
Endosulfan II	0.5000	0.51	102	2	20	(45-143)
4,4'-DDD	0.5000	0.50	100	4	20	(45-166)
Endosulfan sulfate	0.5000	0.61	122	3	20	(42-155)
4,4'-DDT	0.5000	0.52	104	4	27	(45-164)
Methoxychlor	0.5000	0.57	114	4	20	(48-161)
Endrin ketone	0.5000	0.56	112	2	20	(55-175)
Endrin aldehyde	0.5000	0.51	102	4	20	(52-150)
alpha-Chlordane	0.5000	0.49	98	4	20	(55-139)
gamma-Chlordane	0.5000	0.49	98	4	20	(53-141)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 20 outside limits

Spike Recovery: 0 out of 20 outside limits

3F

SOIL LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43893BS

COMPOUND	SPIKE ADDED (ug/Kg)		LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
alpha-BHC	16.6		17	102	(90-116)
beta-BHC	16.6		17	102	(89-116)
delta-BHC	16.6		17	102	(90-119)
gamma-BHC (Lindane)	16.6		18	108	(90-118)
Heptachlor	16.6		18	108	(89-115)
Aldrin	16.6		16	96	(89-117)
Heptachlor epoxide	16.6		15	90	(89-114)
Endosulfan I	16.6		15	90	(88-117)
Dieldrin	16.6		15	90*	(91-115)
4,4'-DDE	16.6		16	96	(88-116)
Endrin	16.6		16	96	(85-121)
Endosulfan II	16.6		15	90	(87-117)
4,4'-DDD	16.6		15	90	(88-122)
Endosulfan sulfate	16.6		18	108	(88-125)
4,4'-DDT	16.6		16	96	(80-119)
Methoxychlor	16.6		17	102	(86-120)
Endrin ketone	16.6		17	102	(86-123)
Endrin aldehyde	16.6		16	96	(86-116)
alpha-Chlordane	16.6		15	90	(90-114)
gamma-Chlordane	16.6		15	90	(89-115)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 1 out of 20 outside limits

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43888BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43888BL Lab File ID: P7039708.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/10/2009 Date Analyzed (2): 8/10/2009

Time Analyzed (1): 14:39 Time Analyzed (2): 14:39

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB43888BS	PB43888BS	P7039709.D	8/10/2009	8/10/2009
PB43888BSD	PB43888BSD	P7039710.D	8/10/2009	8/10/2009
EB080309	A3816-14	P7039711.D	8/10/2009	8/10/2009

COMMENTS:

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43888BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43888BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7039708.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.050	U
72-55-9	4,4'-DDE	0.050	U
72-20-8	Endrin	0.050	U
33213-65-9	Endosulfan II	0.050	U
72-54-8	4,4'-DDD	0.050	U
1031-07-8	Endosulfan sulfate	0.050	U
50-29-3	4,4'-DDT	0.050	U
72-43-5	Methoxychlor	0.050	U
53494-70-5	Endrin ketone	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	0.50	U

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43893BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43893BL Lab File ID: P7039706.D

Matrix: (soil/water) SOIL Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/10/2009 Date Analyzed (2): 8/10/2009

Time Analyzed (1): 14:11 Time Analyzed (2): 14:11

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB43893BS	PB43893BS	P7039707.D	8/10/2009	8/10/2009
SBM-7	A3816-01	P7039749.D	8/11/2009	8/11/2009
A3816-02MS	A3816-02MS	P7039750.D	8/11/2009	8/11/2009
A3816-03MSD	A3816-03MSD	P7039751.D	8/11/2009	8/11/2009
SBM-1	A3816-04	P7039752.D	8/11/2009	8/11/2009
SBM-8	A3816-05	P7039753.D	8/11/2009	8/11/2009
FDSS080309	A3816-06	P7039754.D	8/11/2009	8/11/2009
SBM-2	A3816-07	P7039755.D	8/11/2009	8/11/2009
SBM-11	A3816-08	P7039756.D	8/11/2009	8/11/2009
SBM-12	A3816-09	P7039757.D	8/11/2009	8/11/2009
SBM-4	A3816-10	P7039758.D	8/11/2009	8/11/2009
SBM-3	A3816-11	P7039810.D	8/12/2009	8/12/2009
SBM-5	A3816-12	P7039811.D	8/12/2009	8/12/2009
SBM-9	A3816-13	P7039812.D	8/12/2009	8/12/2009
SBM-10	A3816-15	P7039813.D	8/12/2009	8/12/2009
SBM-6	A3816-16	P7039814.D	8/12/2009	8/12/2009
SBM-6-S-2	A3816-17	P7039815.D	8/12/2009	8/12/2009
SBM-3-S-1	A3816-18	P7039816.D	8/12/2009	8/12/2009
SBM-4-S-1	A3816-19	P7039817.D	8/12/2009	8/12/2009
SBM-2-S-3	A3816-20	P7039818.D	8/12/2009	8/12/2009
SBM-9-S-1	A3816-21	P7039819.D	8/12/2009	8/12/2009
SBM-1-S-2	A3816-22	P7039820.D	8/12/2009	8/12/2009

COMMENTS:

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43893BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43893BL

Sample wt/vol: 15 (g/mL) g Lab File ID: P7039706.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/10/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	1.7	U
72-55-9	4,4'-DDE	1.7	U
72-20-8	Endrin	1.7	U
33213-65-9	Endosulfan II	1.7	U
72-54-8	4,4'-DDD	1.7	U
1031-07-8	Endosulfan sulfate	1.7	U
50-29-3	4,4'-DDT	1.7	U
72-43-5	Methoxychlor	1.7	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	1.7	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	17	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-7

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029707.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029710.D

% Moisture: 27 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	23	U
11104-28-2	AROCLOR 1221	23	U
11141-16-5	AROCLOR 1232	23	U
53469-21-9	AROCLOR 1242	23	U
12672-29-6	AROCLOR 1248	23	U
11097-69-1	AROCLOR 1254	23	U
11096-82-5	AROCLOR 1260	23	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-8

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029711.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FDSS080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029712.D

% Moisture: 23 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029713.D

% Moisture: 19 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-11

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029718.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-12

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029719.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	19	U
11104-28-2	AROCLOR 1221	19	U
11141-16-5	AROCLOR 1232	19	U
53469-21-9	AROCLOR 1242	19	U
12672-29-6	AROCLOR 1248	19	U
11097-69-1	AROCLOR 1254	19	U
11096-82-5	AROCLOR 1260	19	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029720.D

% Moisture: 24 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029721.D

% Moisture: 20 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-5

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029722.D

% Moisture: 18 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	21	U
11104-28-2	AROCLOR 1221	21	U
11141-16-5	AROCLOR 1232	21	U
53469-21-9	AROCLOR 1242	21	U
12672-29-6	AROCLOR 1248	21	U
11097-69-1	AROCLOR 1254	21	U
11096-82-5	AROCLOR 1260	21	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029723.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB080309

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Sample wt/vol: 940 (g/mL) mL Lab File ID: P6029620.D

% Moisture: Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5 Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.53	U
11104-28-2	AROCLOR 1221	0.53	U
11141-16-5	AROCLOR 1232	0.53	U
53469-21-9	AROCLOR 1242	0.53	U
12672-29-6	AROCLOR 1248	0.53	U
11097-69-1	AROCLOR 1254	0.53	U
11096-82-5	AROCLOR 1260	0.53	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-10

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029724.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029725.D

% Moisture: 13 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	19	U
11104-28-2	AROCLOR 1221	19	U
11141-16-5	AROCLOR 1232	19	U
53469-21-9	AROCLOR 1242	19	U
12672-29-6	AROCLOR 1248	19	U
11097-69-1	AROCLOR 1254	19	U
11096-82-5	AROCLOR 1260	55	

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029726.D

% Moisture: 17 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029727.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029732.D

% Moisture: 16 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029733.D

% Moisture: 15 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029734.D

% Moisture: 14 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	20	U
11104-28-2	AROCLOR 1221	20	U
11141-16-5	AROCLOR 1232	20	U
53469-21-9	AROCLOR 1242	20	U
12672-29-6	AROCLOR 1248	20	U
11097-69-1	AROCLOR 1254	20	U
11096-82-5	AROCLOR 1260	20	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Sample wt/vol: 30 (g/mL) g Lab File ID: P6029735.D

% Moisture: 22 Decanted:(Y/N) N Date Received: 8/5/09

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: N/A Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	22	U
11104-28-2	AROCLOR 1221	22	U
11141-16-5	AROCLOR 1232	22	U
53469-21-9	AROCLOR 1242	22	U
12672-29-6	AROCLOR 1248	22	U
11097-69-1	AROCLOR 1254	22	U
11096-82-5	AROCLOR 1260	22	U

Chemtech

Hit Summary Report

SDG No.: A3816 **Order ID:** A3816
Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator
Test: PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-6**							
A3816-16	SBM-6	SOIL	AROCLOR 1260	55		19	4.3	ug/Kg
			Total PCB's:	**55.00**				

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	EB080309	88		86		59		60				0
02	PB43878BL	104		102		104		101				0
03	PB43878BS	99		92		83		80				0
04	PB43878BSD	97		92		83		80				0

QC LIMITS

TCMX = Tetrachloro-m-xylene (52-120)
DCB = Decachlorobiphenyl (52-120)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH CASE No.: A3816 SAS No.: A3816 SDG No.: A3816

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	CLIENT SAMPLE NO.	TCX1 % REC #	TCX2 % REC #	DCB1 % REC #	DCB2 % REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PB43891BL	100	92	52	131			0
02	SBM-7	77	71	74	66			0
03	SBM-7MS	79	72	49	45			0
04	SBM-7MSD	79	70	71	67			0
05	SBM-1	69	64	52	50			0
06	SBM-8	65	59	54	52			0
07	FDSS080309	66	61	52	51			0
08	SBM-2	62	57	49	49			0
09	SBM-11	77	73	74	69			0
10	SBM-12	88	82	97	91			0
11	SBM-4	71	66	64	61			0
12	SBM-3	86	81	90	87			0
13	SBM-5	88	83	93	89			0
14	SBM-9	91	86	76	78			0
15	SBM-10	85	80	67	68			0
16	SBM-6	72	70	67	69			0
17	SBM-6-S-2	87	82	77	77			0
18	SBM-3-S-1	78	74	68	68			0
19	SBM-4-S-1	94	89	92	91			0
20	SBM-2-S-3	89	83	77	69			0
21	SBM-9-S-1	58	54	72	69			0
22	SBM-1-S-2	67	62	61	61			0
23	PB43891BS	92	95	68	74			0

QC LIMITS

TCMX = Tetrachloro-m-xylene (36-140)
DCB = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

3F

SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

MS/MSD - Client Sample No.: SBM-7MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC#	QC LIMITS REC
AROCLOR 1016	80.7	0	83	103	(57-170)
AROCLOR 1260	80.7	0	70	87	(45-167)

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
AROCLOR 1016	81.1	86	106	3	20	(57-170)
AROCLOR 1260	81.1	77	95	9	20	(45-167)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

3E

WATER LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43878BS

COMPOUND	SPIKE ADDED (ug/L)		LCS CONCENTRATION (ug/L)	LCS % REC#	QC LIMITS REC
AROCLOR 1016	2.000		2.4	120	(71-133)
AROCLOR 1260	2.000		2.6	130	(79-133)

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	LCSD % RPD #	QC LIMITS RPD	QC LIMITS REC
AROCLOR 1016	2.000	2.4	120	0	20	(71-133)
AROCLOR 1260	2.000	2.6	130	0	20	(79-133)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

3F

SOIL LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

LCS/LCSD - Client Sample No.: PB43891BS

COMPOUND	SPIKE ADDED (ug/Kg)		LCS CONCENTRATION (ug/Kg)	LCS % REC#	QC LIMITS REC
AROCLOR 1016	66.6		78	117	(68-127)
AROCLOR 1260	66.6		63	95	(77-126)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 2 outside limits

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43878BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43878BL Lab File ID: P6029625.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 8/5/2009

Date Analyzed (1): 8/6/2009 Date Analyzed (2): 8/6/2009

Time Analyzed (1): 16:33 Time Analyzed (2): 16:33

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPest ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
EB080309	A3816-14	P6029620.D	8/6/2009	8/6/2009
PB43878BS	PB43878BS	P6029626.D	8/6/2009	8/6/2009
PB43878BSD	PB43878BSD	P6029627.D	8/6/2009	8/6/2009

COMMENTS:

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43878BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): WATER Lab Sample ID: PB43878BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P6029625.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 8/5/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/6/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	AROCLOR 1016	0.50	U
11104-28-2	AROCLOR 1221	0.50	U
11141-16-5	AROCLOR 1232	0.50	U
53469-21-9	AROCLOR 1242	0.50	U
12672-29-6	AROCLOR 1248	0.50	U
11097-69-1	AROCLOR 1254	0.50	U
11096-82-5	AROCLOR 1260	0.50	U

4C

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB43891BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Lab Sample ID: PB43891BL Lab File ID: P6029705.D

Matrix: (soil/water) SOIL Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 8/6/2009

Date Analyzed (1): 8/7/2009 Date Analyzed (2): 8/7/2009

Time Analyzed (1): 16:22 Time Analyzed (2): 16:22

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPest ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
SBM-7	A3816-01	P6029707.D	8/7/2009	8/7/2009
SBM-7MS	A3816-02MS	P6029708.D	8/7/2009	8/7/2009
SBM-7MSD	A3816-03MSD	P6029709.D	8/7/2009	8/7/2009
SBM-1	A3816-04	P6029710.D	8/7/2009	8/7/2009
SBM-8	A3816-05	P6029711.D	8/7/2009	8/7/2009
FDSS080309	A3816-06	P6029712.D	8/7/2009	8/7/2009
SBM-2	A3816-07	P6029713.D	8/7/2009	8/7/2009
SBM-11	A3816-08	P6029718.D	8/7/2009	8/7/2009
SBM-12	A3816-09	P6029719.D	8/7/2009	8/7/2009
SBM-4	A3816-10	P6029720.D	8/7/2009	8/7/2009
SBM-3	A3816-11	P6029721.D	8/7/2009	8/7/2009
SBM-5	A3816-12	P6029722.D	8/7/2009	8/7/2009
SBM-9	A3816-13	P6029723.D	8/7/2009	8/7/2009
SBM-10	A3816-15	P6029724.D	8/7/2009	8/7/2009
SBM-6	A3816-16	P6029725.D	8/7/2009	8/7/2009
SBM-6-S-2	A3816-17	P6029726.D	8/7/2009	8/7/2009
SBM-3-S-1	A3816-18	P6029727.D	8/7/2009	8/7/2009
SBM-4-S-1	A3816-19	P6029732.D	8/7/2009	8/7/2009
SBM-2-S-3	A3816-20	P6029733.D	8/7/2009	8/7/2009
SBM-9-S-1	A3816-21	P6029734.D	8/7/2009	8/7/2009
SBM-1-S-2	A3816-22	P6029735.D	8/7/2009	8/7/2009
PB43891BS	PB43891BS	P6029857.D	8/12/2009	8/12/2009

COMMENTS:

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB43891BL

Lab Name: Chemtech Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 SAS No.: A3816 SDG No.: A3816

Matrix (soil/water): SOIL Lab Sample ID: PB43891BL

Sample wt/vol: 15 (g/mL) g Lab File ID: P6029705.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 8/6/2009

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 8/7/09

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	AROCLOR 1016	17	U
11104-28-2	AROCLOR 1221	17	U
11141-16-5	AROCLOR 1232	17	U
53469-21-9	AROCLOR 1242	17	U
12672-29-6	AROCLOR 1248	17	U
11097-69-1	AROCLOR 1254	17	U
11096-82-5	AROCLOR 1260	17	U

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-7

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-01

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1400			P
7440-36-0	Antimony	3.050	U		P
7440-38-2	Arsenic	6.650			P
7440-39-3	Barium	17.9			P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.80			P
7440-70-2	Calcium	1060			P
7440-47-3	Chromium	1.640			P
7440-48-4	Cobalt	7.790			P
7440-50-8	Copper	20.1			P
7439-89-6	Iron	21400			P
7439-92-1	Lead	13.7			P
7439-95-4	Magnesium	362			P
7439-96-5	Manganese	290			P
7439-97-6	Mercury	0.079			CV
7440-02-0	Nickel	20.7			P
7440-09-7	Potassium	271			P
7782-49-2	Selenium	1.220	U	N	P
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	176			P
7440-28-0	Thallium	2.440	U		P
7440-62-2	Vanadium	8.300			P
7440-66-6	Zinc	24.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-04

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 73.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1740			P
7440-36-0	Antimony	3.120	U		P
7440-38-2	Arsenic	5.220			P
7440-39-3	Barium	24.2			P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.85			P
7440-70-2	Calcium	1380			P
7440-47-3	Chromium	1.990			P
7440-48-4	Cobalt	8.480			P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	24300			P
7439-92-1	Lead	21.1			P
7439-95-4	Magnesium	389			P
7439-96-5	Manganese	354			P
7439-97-6	Mercury	0.069			CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	374			P
7782-49-2	Selenium	1.250	U	N	P
7440-22-4	Silver	0.62	U		P
7440-23-5	Sodium	125	U		P
7440-28-0	Thallium	2.500	U		P
7440-62-2	Vanadium	9.680			P
7440-66-6	Zinc	24.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-8

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-05

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6610			P
7440-36-0	Antimony	3.220	U		P
7440-38-2	Arsenic	3.260			P
7440-39-3	Barium	60.0			P
7440-41-7	Beryllium	0.44			P
7440-43-9	Cadmium	0.49			P
7440-70-2	Calcium	630			P
7440-47-3	Chromium	5.770			P
7440-48-4	Cobalt	4.620			P
7440-50-8	Copper	9.640			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	19.7			P
7439-95-4	Magnesium	1090			P
7439-96-5	Manganese	198			P
7439-97-6	Mercury	0.074			CV
7440-02-0	Nickel	12.6			P
7440-09-7	Potassium	266			P
7782-49-2	Selenium	1.290	U	N	P
7440-22-4	Silver	0.64	U		P
7440-23-5	Sodium	138			P
7440-28-0	Thallium	2.580	U		P
7440-62-2	Vanadium	13.2			P
7440-66-6	Zinc	40.9		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FDSS080309

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-06

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 76.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1470			P
7440-36-0	Antimony	3.130	U		P
7440-38-2	Arsenic	4.380			P
7440-39-3	Barium	20.1			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.67			P
7440-70-2	Calcium	998			P
7440-47-3	Chromium	1.830			P
7440-48-4	Cobalt	7.220			P
7440-50-8	Copper	23.1			P
7439-89-6	Iron	22700			P
7439-92-1	Lead	16.6			P
7439-95-4	Magnesium	263			P
7439-96-5	Manganese	278			P
7439-97-6	Mercury	0.067			CV
7440-02-0	Nickel	14.5			P
7440-09-7	Potassium	310			P
7782-49-2	Selenium	1.250	U	N	P
7440-22-4	Silver	0.63	U		P
7440-23-5	Sodium	125	U		P
7440-28-0	Thallium	2.500	U		P
7440-62-2	Vanadium	8.400			P
7440-66-6	Zinc	20.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-07

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4370			P
7440-36-0	Antimony	3.020	U		P
7440-38-2	Arsenic	3.760			P
7440-39-3	Barium	64.8			P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.36			P
7440-70-2	Calcium	637			P
7440-47-3	Chromium	4.470			P
7440-48-4	Cobalt	3.850			P
7440-50-8	Copper	13.1			P
7439-89-6	Iron	13500			P
7439-92-1	Lead	20.3			P
7439-95-4	Magnesium	1040			P
7439-96-5	Manganese	252			P
7439-97-6	Mercury	0.074			CV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	271			P
7782-49-2	Selenium	1.210	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	123			P
7440-28-0	Thallium	2.420	U		P
7440-62-2	Vanadium	9.250			P
7440-66-6	Zinc	33.7		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-11

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-08

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 79.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2130			P
7440-36-0	Antimony	2.880	U		P
7440-38-2	Arsenic	5.970			P
7440-39-3	Barium	34.6			P
7440-41-7	Beryllium	0.46			P
7440-43-9	Cadmium	2.350			P
7440-70-2	Calcium	4280			P
7440-47-3	Chromium	2.060			P
7440-48-4	Cobalt	7.650			P
7440-50-8	Copper	20.4			P
7439-89-6	Iron	37000			P
7439-92-1	Lead	22.6			P
7439-95-4	Magnesium	2030			P
7439-96-5	Manganese	302			P
7439-97-6	Mercury	0.079			CV
7440-02-0	Nickel	18.6			P
7440-09-7	Potassium	332			P
7782-49-2	Selenium	1.150	U	N	P
7440-22-4	Silver	0.58	U		P
7440-23-5	Sodium	115	U		P
7440-28-0	Thallium	2.310	U		P
7440-62-2	Vanadium	7.460			P
7440-66-6	Zinc	135		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-12

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-09

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 86.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2700			P
7440-36-0	Antimony	2.030	U		P
7440-38-2	Arsenic	7.650			P
7440-39-3	Barium	36.7			P
7440-41-7	Beryllium	0.34			P
7440-43-9	Cadmium	0.96			P
7440-70-2	Calcium	322			P
7440-47-3	Chromium	2.830			P
7440-48-4	Cobalt	5.550			P
7440-50-8	Copper	18.4			P
7439-89-6	Iron	17600			P
7439-92-1	Lead	20.1			P
7439-95-4	Magnesium	443			P
7439-96-5	Manganese	141			P
7439-97-6	Mercury	0.101			CV
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	334			P
7782-49-2	Selenium	0.81	U	N	P
7440-22-4	Silver	0.41	U		P
7440-23-5	Sodium	84.5			P
7440-28-0	Thallium	1.620	U		P
7440-62-2	Vanadium	6.880			P
7440-66-6	Zinc	75.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-10

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 75.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4660			P
7440-36-0	Antimony	2.980	U		P
7440-38-2	Arsenic	8.980			P
7440-39-3	Barium	63.0			P
7440-41-7	Beryllium	0.47			P
7440-43-9	Cadmium	0.93			P
7440-70-2	Calcium	1210			P
7440-47-3	Chromium	3.130			P
7440-48-4	Cobalt	3.420			P
7440-50-8	Copper	14.6			P
7439-89-6	Iron	24100			P
7439-92-1	Lead	23.7			P
7439-95-4	Magnesium	408			P
7439-96-5	Manganese	135			P
7439-97-6	Mercury	0.091			CV
7440-02-0	Nickel	10.1			P
7440-09-7	Potassium	411			P
7782-49-2	Selenium	1.190	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	128			P
7440-28-0	Thallium	2.380	U		P
7440-62-2	Vanadium	11.9			P
7440-66-6	Zinc	34.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-11

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 80.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2840			P
7440-36-0	Antimony	2.300	U		P
7440-38-2	Arsenic	4.300			P
7440-39-3	Barium	114			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	0.58			P
7440-70-2	Calcium	621			P
7440-47-3	Chromium	2.770			P
7440-48-4	Cobalt	4.630			P
7440-50-8	Copper	15.6			P
7439-89-6	Iron	11600			P
7439-92-1	Lead	19.7			P
7439-95-4	Magnesium	434			P
7439-96-5	Manganese	562			P
7439-97-6	Mercury	0.058			CV
7440-02-0	Nickel	10.4			P
7440-09-7	Potassium	335			P
7782-49-2	Selenium	0.92	U	N	P
7440-22-4	Silver	0.46	U		P
7440-23-5	Sodium	94.8			P
7440-28-0	Thallium	1.840	U		P
7440-62-2	Vanadium	6.510			P
7440-66-6	Zinc	42.0		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-5

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-12

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3510			P
7440-36-0	Antimony	2.480	U		P
7440-38-2	Arsenic	2.180			P
7440-39-3	Barium	63.8			P
7440-41-7	Beryllium	0.50			P
7440-43-9	Cadmium	1.000			P
7440-70-2	Calcium	1590			P
7440-47-3	Chromium	6.740			P
7440-48-4	Cobalt	11.2			P
7440-50-8	Copper	12.0			P
7439-89-6	Iron	16200			P
7439-92-1	Lead	26.1			P
7439-95-4	Magnesium	2340			P
7439-96-5	Manganese	337			P
7439-97-6	Mercury	0.064			CV
7440-02-0	Nickel	20.9			P
7440-09-7	Potassium	799			P
7782-49-2	Selenium	0.99	U	N	P
7440-22-4	Silver	0.50	U		P
7440-23-5	Sodium	99.1	U		P
7440-28-0	Thallium	1.980	U		P
7440-62-2	Vanadium	10.7			P
7440-66-6	Zinc	34.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-13

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 84.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6070			P
7440-36-0	Antimony	2.440	U		P
7440-38-2	Arsenic	3.740			P
7440-39-3	Barium	70.5			P
7440-41-7	Beryllium	0.36			P
7440-43-9	Cadmium	0.75			P
7440-70-2	Calcium	1410			P
7440-47-3	Chromium	9.020			P
7440-48-4	Cobalt	7.220			P
7440-50-8	Copper	21.3			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	85.6			P
7439-95-4	Magnesium	3030			P
7439-96-5	Manganese	386			P
7439-97-6	Mercury	0.200			CV
7440-02-0	Nickel	15.0			P
7440-09-7	Potassium	507			P
7782-49-2	Selenium	0.97	U	N	P
7440-22-4	Silver	0.49	U		P
7440-23-5	Sodium	103			P
7440-28-0	Thallium	1.950	U		P
7440-62-2	Vanadium	11.0			P
7440-66-6	Zinc	62.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB080309

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Lab Sample ID: A3816-14

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	50.0	U		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	1000	U		P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	1000	U		P
7439-96-5	Manganese	10.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	1000	U		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	1000	U		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	20.0	U		P

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-10

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-15

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110			P
7440-36-0	Antimony	2.530	U		P
7440-38-2	Arsenic	4.790			P
7440-39-3	Barium	71.6			P
7440-41-7	Beryllium	0.35			P
7440-43-9	Cadmium	0.60			P
7440-70-2	Calcium	1120			P
7440-47-3	Chromium	7.100			P
7440-48-4	Cobalt	5.920			P
7440-50-8	Copper	21.5			P
7439-89-6	Iron	15200			P
7439-92-1	Lead	46.8			P
7439-95-4	Magnesium	2060			P
7439-96-5	Manganese	330			P
7439-97-6	Mercury	0.140			CV
7440-02-0	Nickel	13.5			P
7440-09-7	Potassium	465			P
7782-49-2	Selenium	1.010	U	N	P
7440-22-4	Silver	0.51	U		P
7440-23-5	Sodium	107			P
7440-28-0	Thallium	2.030	U		P
7440-62-2	Vanadium	10.2			P
7440-66-6	Zinc	50.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-16

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7890			P
7440-36-0	Antimony	2.250	U		P
7440-38-2	Arsenic	6.120			P
7440-39-3	Barium	139			P
7440-41-7	Beryllium	0.56			P
7440-43-9	Cadmium	1.620			P
7440-70-2	Calcium	4320			P
7440-47-3	Chromium	11.4			P
7440-48-4	Cobalt	10.5			P
7440-50-8	Copper	30.5			P
7439-89-6	Iron	22100			P
7439-92-1	Lead	82.9			P
7439-95-4	Magnesium	3590			P
7439-96-5	Manganese	904			P
7439-97-6	Mercury	0.134			CV
7440-02-0	Nickel	23.6			P
7440-09-7	Potassium	644			P
7782-49-2	Selenium	0.90	U	N	P
7440-22-4	Silver	0.45	U		P
7440-23-5	Sodium	204			P
7440-28-0	Thallium	1.800	U		P
7440-62-2	Vanadium	14.0			P
7440-66-6	Zinc	104		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-6-S-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-17

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5660			P
7440-36-0	Antimony	2.800	U		P
7440-38-2	Arsenic	4.600			P
7440-39-3	Barium	63.5			P
7440-41-7	Beryllium	0.45			P
7440-43-9	Cadmium	0.64			P
7440-70-2	Calcium	1480			P
7440-47-3	Chromium	6.260			P
7440-48-4	Cobalt	6.350			P
7440-50-8	Copper	17.1			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	16.8			P
7439-95-4	Magnesium	1540			P
7439-96-5	Manganese	197			P
7439-97-6	Mercury	0.090			CV
7440-02-0	Nickel	14.5			P
7440-09-7	Potassium	377			P
7782-49-2	Selenium	1.120	U	N	P
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium	118			P
7440-28-0	Thallium	2.240	U		P
7440-62-2	Vanadium	11.5			P
7440-66-6	Zinc	43.2		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-3-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-18

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 84.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5180			P
7440-36-0	Antimony	2.700	U		P
7440-38-2	Arsenic	4.120			P
7440-39-3	Barium	47.7			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	0.57			P
7440-70-2	Calcium	752			P
7440-47-3	Chromium	5.250			P
7440-48-4	Cobalt	5.400			P
7440-50-8	Copper	14.1			P
7439-89-6	Iron	16900			P
7439-92-1	Lead	11.8			P
7439-95-4	Magnesium	1010			P
7439-96-5	Manganese	232			P
7439-97-6	Mercury	0.038			CV
7440-02-0	Nickel	10.6			P
7440-09-7	Potassium	352			P
7782-49-2	Selenium	1.080	U	N	P
7440-22-4	Silver	0.54	U		P
7440-23-5	Sodium	108	U		P
7440-28-0	Thallium	2.160	U		P
7440-62-2	Vanadium	11.4			P
7440-66-6	Zinc	47.8		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-4-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-19

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3210			P
7440-36-0	Antimony	2.820	U		P
7440-38-2	Arsenic	10.5			P
7440-39-3	Barium	50.4			P
7440-41-7	Beryllium	0.56			P
7440-43-9	Cadmium	1.920			P
7440-70-2	Calcium	452			P
7440-47-3	Chromium	2.000			P
7440-48-4	Cobalt	3.700			P
7440-50-8	Copper	14.8			P
7439-89-6	Iron	33400			P
7439-92-1	Lead	24.0			P
7439-95-4	Magnesium	231			P
7439-96-5	Manganese	144			P
7439-97-6	Mercury	0.033			CV
7440-02-0	Nickel	10.8			P
7440-09-7	Potassium	370			P
7782-49-2	Selenium	1.130	U	N	P
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium	113	U		P
7440-28-0	Thallium	2.260	U		P
7440-62-2	Vanadium	15.0			P
7440-66-6	Zinc	16.6		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-2-S-3

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-20

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8080			P
7440-36-0	Antimony	2.430	U		P
7440-38-2	Arsenic	3.990			P
7440-39-3	Barium	33.9			P
7440-41-7	Beryllium	0.41			P
7440-43-9	Cadmium	0.72			P
7440-70-2	Calcium	278			P
7440-47-3	Chromium	7.990			P
7440-48-4	Cobalt	8.820			P
7440-50-8	Copper	17.6			P
7439-89-6	Iron	19000			P
7439-92-1	Lead	11.5			P
7439-95-4	Magnesium	2200			P
7439-96-5	Manganese	324			P
7439-97-6	Mercury	0.045			CV
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	392			P
7782-49-2	Selenium	0.97	U	N	P
7440-22-4	Silver	0.49	U		P
7440-23-5	Sodium	103			P
7440-28-0	Thallium	1.940	U		P
7440-62-2	Vanadium	12.1			P
7440-66-6	Zinc	39.4		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-9-S-1

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-21

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 86.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8650			P
7440-36-0	Antimony	2.740	U		P
7440-38-2	Arsenic	4.130			P
7440-39-3	Barium	36.6			P
7440-41-7	Beryllium	0.46			P
7440-43-9	Cadmium	0.74			P
7440-70-2	Calcium	743			P
7440-47-3	Chromium	9.500			P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	15.9			P
7439-89-6	Iron	20200			P
7439-92-1	Lead	12.7			P
7439-95-4	Magnesium	2870			P
7439-96-5	Manganese	454			P
7439-97-6	Mercury	0.035			CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	428			P
7782-49-2	Selenium	1.090	U	N	P
7440-22-4	Silver	0.55	U		P
7440-23-5	Sodium	109	U		P
7440-28-0	Thallium	2.190	U		P
7440-62-2	Vanadium	12.9			P
7440-66-6	Zinc	41.6		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBM-1-S-2

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Lab Sample ID: A3816-22

Level (low/med): LOW Date Received: 8/5/2009

% Solids: 78.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1690			P
7440-36-0	Antimony	3.190	U		P
7440-38-2	Arsenic	7.100			P
7440-39-3	Barium	38.6			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	1.520			P
7440-70-2	Calcium	3490			P
7440-47-3	Chromium	2.250			P
7440-48-4	Cobalt	11.8			P
7440-50-8	Copper	25.3			P
7439-89-6	Iron	25400			P
7439-92-1	Lead	13.6			P
7439-95-4	Magnesium	1620			P
7439-96-5	Manganese	520			P
7439-97-6	Mercury	0.055			CV
7440-02-0	Nickel	22.3			P
7440-09-7	Potassium	311			P
7782-49-2	Selenium	1.280	U	N	P
7440-22-4	Silver	0.64	U		P
7440-23-5	Sodium	128	U		P
7440-28-0	Thallium	2.550	U		P
7440-62-2	Vanadium	9.210			P
7440-66-6	Zinc	18.7		N	P

Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments:

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**FDSS080309**							
A3816-06	FDSS080309	SOIL	Aluminum	1470		6.260	1.050	mg/Kg
A3816-06	FDSS080309	SOIL	Arsenic	4.380		1.250	0.41	mg/Kg
A3816-06	FDSS080309	SOIL	Barium	20.1		6.260	0.50	mg/Kg
A3816-06	FDSS080309	SOIL	Cadmium	0.67		0.38	0.08	mg/Kg
A3816-06	FDSS080309	SOIL	Calcium	998		125	1.340	mg/Kg
A3816-06	FDSS080309	SOIL	Chromium	1.830		0.63	0.16	mg/Kg
A3816-06	FDSS080309	SOIL	Cobalt	7.220		1.880	0.71	mg/Kg
A3816-06	FDSS080309	SOIL	Copper	23.1		1.250	0.40	mg/Kg
A3816-06	FDSS080309	SOIL	Iron	22700		6.260	1.670	mg/Kg
A3816-06	FDSS080309	SOIL	Lead	16.6		0.75	0.49	mg/Kg
A3816-06	FDSS080309	SOIL	Magnesium	263		125	5.730	mg/Kg
A3816-06	FDSS080309	SOIL	Manganese	278		1.250	0.24	mg/Kg
A3816-06	FDSS080309	SOIL	Mercury	0.067		0.013	0.003	mg/Kg
A3816-06	FDSS080309	SOIL	Nickel	14.5		2.500	0.58	mg/Kg
A3816-06	FDSS080309	SOIL	Potassium	310		125	4.380	mg/Kg
A3816-06	FDSS080309	SOIL	Vanadium	8.400		2.500	0.74	mg/Kg
A3816-06	FDSS080309	SOIL	Zinc	20.2		2.500	0.88	mg/Kg
Client ID:	**SBM-1**							
A3816-04	SBM-1	SOIL	Aluminum	1740		6.250	1.050	mg/Kg
A3816-04	SBM-1	SOIL	Arsenic	5.220		1.250	0.41	mg/Kg
A3816-04	SBM-1	SOIL	Barium	24.2		6.250	0.50	mg/Kg
A3816-04	SBM-1	SOIL	Cadmium	0.85		0.37	0.07	mg/Kg
A3816-04	SBM-1	SOIL	Calcium	1380		125	1.340	mg/Kg
A3816-04	SBM-1	SOIL	Chromium	1.990		0.62	0.16	mg/Kg
A3816-04	SBM-1	SOIL	Cobalt	8.480		1.870	0.71	mg/Kg
A3816-04	SBM-1	SOIL	Copper	25.3		1.250	0.40	mg/Kg
A3816-04	SBM-1	SOIL	Iron	24300		6.250	1.660	mg/Kg
A3816-04	SBM-1	SOIL	Lead	21.1		0.75	0.49	mg/Kg
A3816-04	SBM-1	SOIL	Magnesium	389		125	5.720	mg/Kg
A3816-04	SBM-1	SOIL	Manganese	354		1.250	0.24	mg/Kg
A3816-04	SBM-1	SOIL	Mercury	0.069		0.014	0.003	mg/Kg
A3816-04	SBM-1	SOIL	Nickel	16.3		2.500	0.57	mg/Kg
A3816-04	SBM-1	SOIL	Potassium	374		125	4.370	mg/Kg
A3816-04	SBM-1	SOIL	Vanadium	9.680		2.500	0.74	mg/Kg
A3816-04	SBM-1	SOIL	Zinc	24.2		2.500	0.87	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-10**							
A3816-15	SBM-10	SOIL	Aluminum	5110		5.070	0.85	mg/Kg
A3816-15	SBM-10	SOIL	Arsenic	4.790		1.010	0.33	mg/Kg
A3816-15	SBM-10	SOIL	Barium	71.6		5.070	0.41	mg/Kg
A3816-15	SBM-10	SOIL	Beryllium	0.35		0.30	0.06	mg/Kg
A3816-15	SBM-10	SOIL	Cadmium	0.60		0.30	0.06	mg/Kg
A3816-15	SBM-10	SOIL	Calcium	1120		101	1.080	mg/Kg
A3816-15	SBM-10	SOIL	Chromium	7.100		0.51	0.13	mg/Kg
A3816-15	SBM-10	SOIL	Cobalt	5.920		1.520	0.58	mg/Kg
A3816-15	SBM-10	SOIL	Copper	21.5		1.010	0.32	mg/Kg
A3816-15	SBM-10	SOIL	Iron	15200		5.070	1.350	mg/Kg
A3816-15	SBM-10	SOIL	Lead	46.8		0.61	0.40	mg/Kg
A3816-15	SBM-10	SOIL	Magnesium	2060		101	4.640	mg/Kg
A3816-15	SBM-10	SOIL	Manganese	330		1.010	0.19	mg/Kg
A3816-15	SBM-10	SOIL	Mercury	0.140		0.012	0.002	mg/Kg
A3816-15	SBM-10	SOIL	Nickel	13.5		2.030	0.47	mg/Kg
A3816-15	SBM-10	SOIL	Potassium	465		101	3.550	mg/Kg
A3816-15	SBM-10	SOIL	Sodium	107		101	2.550	mg/Kg
A3816-15	SBM-10	SOIL	Vanadium	10.2		2.030	0.60	mg/Kg
A3816-15	SBM-10	SOIL	Zinc	50.8		2.030	0.71	mg/Kg
Client ID:	**SBM-11**							
A3816-08	SBM-11	SOIL	Aluminum	2130		5.760	0.97	mg/Kg
A3816-08	SBM-11	SOIL	Arsenic	5.970		1.150	0.38	mg/Kg
A3816-08	SBM-11	SOIL	Barium	34.6		5.760	0.46	mg/Kg
A3816-08	SBM-11	SOIL	Beryllium	0.46		0.35	0.07	mg/Kg
A3816-08	SBM-11	SOIL	Cadmium	2.350		0.35	0.07	mg/Kg
A3816-08	SBM-11	SOIL	Calcium	4280		115	1.230	mg/Kg
A3816-08	SBM-11	SOIL	Chromium	2.060		0.58	0.15	mg/Kg
A3816-08	SBM-11	SOIL	Cobalt	7.650		1.730	0.66	mg/Kg
A3816-08	SBM-11	SOIL	Copper	20.4		1.150	0.37	mg/Kg
A3816-08	SBM-11	SOIL	Iron	37000		5.760	1.530	mg/Kg
A3816-08	SBM-11	SOIL	Lead	22.6		0.69	0.45	mg/Kg
A3816-08	SBM-11	SOIL	Magnesium	2030		115	5.280	mg/Kg
A3816-08	SBM-11	SOIL	Manganese	302		1.150	0.22	mg/Kg
A3816-08	SBM-11	SOIL	Mercury	0.079		0.013	0.003	mg/Kg
A3816-08	SBM-11	SOIL	Nickel	18.6		2.310	0.53	mg/Kg
A3816-08	SBM-11	SOIL	Potassium	332		115	4.030	mg/Kg
A3816-08	SBM-11	SOIL	Vanadium	7.460		2.310	0.68	mg/Kg
A3816-08	SBM-11	SOIL	Zinc	135		2.310	0.81	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-12**							
A3816-09	SBM-12	SOIL	Aluminum	2700		4.060	0.68	mg/Kg
A3816-09	SBM-12	SOIL	Arsenic	7.650		0.81	0.27	mg/Kg
A3816-09	SBM-12	SOIL	Barium	36.7		4.060	0.32	mg/Kg
A3816-09	SBM-12	SOIL	Beryllium	0.34		0.24	0.05	mg/Kg
A3816-09	SBM-12	SOIL	Cadmium	0.96		0.24	0.05	mg/Kg
A3816-09	SBM-12	SOIL	Calcium	322		81.1	0.87	mg/Kg
A3816-09	SBM-12	SOIL	Chromium	2.830		0.41	0.11	mg/Kg
A3816-09	SBM-12	SOIL	Cobalt	5.550		1.220	0.46	mg/Kg
A3816-09	SBM-12	SOIL	Copper	18.4		0.81	0.26	mg/Kg
A3816-09	SBM-12	SOIL	Iron	17600		4.060	1.080	mg/Kg
A3816-09	SBM-12	SOIL	Lead	20.1		0.49	0.32	mg/Kg
A3816-09	SBM-12	SOIL	Magnesium	443		81.1	3.720	mg/Kg
A3816-09	SBM-12	SOIL	Manganese	141		0.81	0.15	mg/Kg
A3816-09	SBM-12	SOIL	Mercury	0.101		0.012	0.002	mg/Kg
A3816-09	SBM-12	SOIL	Nickel	14.7		1.620	0.37	mg/Kg
A3816-09	SBM-12	SOIL	Potassium	334		81.1	2.840	mg/Kg
A3816-09	SBM-12	SOIL	Sodium	84.5		81.1	2.040	mg/Kg
A3816-09	SBM-12	SOIL	Vanadium	6.880		1.620	0.48	mg/Kg
A3816-09	SBM-12	SOIL	Zinc	75.2		1.620	0.57	mg/Kg
Client ID:	**SBM-1-S-2**							
A3816-22	SBM-1-S-2	SOIL	Aluminum	1690		6.380	1.070	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Arsenic	7.100		1.280	0.42	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Barium	38.6		6.380	0.51	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Cadmium	1.520		0.38	0.08	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Calcium	3490		128	1.360	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Chromium	2.250		0.64	0.17	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Cobalt	11.8		1.910	0.73	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Copper	25.3		1.280	0.41	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Iron	25400		6.380	1.700	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Lead	13.6		0.77	0.50	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Magnesium	1620		128	5.840	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Manganese	520		1.280	0.24	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Mercury	0.055		0.013	0.003	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Nickel	22.3		2.550	0.59	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Potassium	311		128	4.460	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Vanadium	9.210		2.550	0.75	mg/Kg
A3816-22	SBM-1-S-2	SOIL	Zinc	18.7		2.550	0.89	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-2**							
A3816-07	SBM-2	SOIL	Aluminum	4370		6.040	1.020	mg/Kg
A3816-07	SBM-2	SOIL	Arsenic	3.760		1.210	0.40	mg/Kg
A3816-07	SBM-2	SOIL	Barium	64.8		6.040	0.48	mg/Kg
A3816-07	SBM-2	SOIL	Cadmium	0.36		0.36	0.07	mg/Kg
A3816-07	SBM-2	SOIL	Calcium	637		121	1.290	mg/Kg
A3816-07	SBM-2	SOIL	Chromium	4.470		0.60	0.16	mg/Kg
A3816-07	SBM-2	SOIL	Cobalt	3.850		1.810	0.69	mg/Kg
A3816-07	SBM-2	SOIL	Copper	13.1		1.210	0.39	mg/Kg
A3816-07	SBM-2	SOIL	Iron	13500		6.040	1.610	mg/Kg
A3816-07	SBM-2	SOIL	Lead	20.3		0.73	0.47	mg/Kg
A3816-07	SBM-2	SOIL	Magnesium	1040		121	5.540	mg/Kg
A3816-07	SBM-2	SOIL	Manganese	252		1.210	0.23	mg/Kg
A3816-07	SBM-2	SOIL	Mercury	0.074		0.012	0.002	mg/Kg
A3816-07	SBM-2	SOIL	Nickel	10.3		2.420	0.56	mg/Kg
A3816-07	SBM-2	SOIL	Potassium	271		121	4.230	mg/Kg
A3816-07	SBM-2	SOIL	Sodium	123		121	3.050	mg/Kg
A3816-07	SBM-2	SOIL	Vanadium	9.250		2.420	0.71	mg/Kg
A3816-07	SBM-2	SOIL	Zinc	33.7		2.420	0.85	mg/Kg
Client ID:	**SBM-2-S-3**							
A3816-20	SBM-2-S-3	SOIL	Aluminum	8080		4.860	0.82	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Arsenic	3.990		0.97	0.32	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Barium	33.9		4.860	0.39	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Beryllium	0.41		0.29	0.06	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Cadmium	0.72		0.29	0.06	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Calcium	278		97.2	1.040	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Chromium	7.990		0.49	0.13	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Cobalt	8.820		1.460	0.55	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Copper	17.6		0.97	0.31	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Iron	19000		4.860	1.290	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Lead	11.5		0.58	0.38	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Magnesium	2200		97.2	4.450	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Manganese	324		0.97	0.18	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Mercury	0.045		0.012	0.002	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Nickel	15.1		1.940	0.45	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Potassium	392		97.2	3.400	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Sodium	103		97.2	2.450	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Vanadium	12.1		1.940	0.57	mg/Kg
A3816-20	SBM-2-S-3	SOIL	Zinc	39.4		1.940	0.68	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-3**							
A3816-11	SBM-3	SOIL	Aluminum	2840		4.610	0.77	mg/Kg
A3816-11	SBM-3	SOIL	Arsenic	4.300		0.92	0.30	mg/Kg
A3816-11	SBM-3	SOIL	Barium	114		4.610	0.37	mg/Kg
A3816-11	SBM-3	SOIL	Beryllium	0.42		0.28	0.06	mg/Kg
A3816-11	SBM-3	SOIL	Cadmium	0.58		0.28	0.06	mg/Kg
A3816-11	SBM-3	SOIL	Calcium	621		92.1	0.99	mg/Kg
A3816-11	SBM-3	SOIL	Chromium	2.770		0.46	0.12	mg/Kg
A3816-11	SBM-3	SOIL	Cobalt	4.630		1.380	0.53	mg/Kg
A3816-11	SBM-3	SOIL	Copper	15.6		0.92	0.29	mg/Kg
A3816-11	SBM-3	SOIL	Iron	11600		4.610	1.230	mg/Kg
A3816-11	SBM-3	SOIL	Lead	19.7		0.55	0.36	mg/Kg
A3816-11	SBM-3	SOIL	Magnesium	434		92.1	4.220	mg/Kg
A3816-11	SBM-3	SOIL	Manganese	562		0.92	0.18	mg/Kg
A3816-11	SBM-3	SOIL	Mercury	0.058		0.012	0.002	mg/Kg
A3816-11	SBM-3	SOIL	Nickel	10.4		1.840	0.42	mg/Kg
A3816-11	SBM-3	SOIL	Potassium	335		92.1	3.220	mg/Kg
A3816-11	SBM-3	SOIL	Sodium	94.8		92.1	2.320	mg/Kg
A3816-11	SBM-3	SOIL	Vanadium	6.510		1.840	0.54	mg/Kg
A3816-11	SBM-3	SOIL	Zinc	42.0		1.840	0.64	mg/Kg
Client ID:	**SBM-3-S-1**							
A3816-18	SBM-3-S-1	SOIL	Aluminum	5180		5.400	0.91	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Arsenic	4.120		1.080	0.36	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Barium	47.7		5.400	0.43	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Beryllium	0.41		0.32	0.06	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Cadmium	0.57		0.32	0.06	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Calcium	752		108	1.160	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Chromium	5.250		0.54	0.14	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Cobalt	5.400		1.620	0.62	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Copper	14.1		1.080	0.35	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Iron	16900		5.400	1.440	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Lead	11.8		0.65	0.42	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Magnesium	1010		108	4.950	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Manganese	232		1.080	0.21	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Mercury	0.038		0.012	0.002	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Nickel	10.6		2.160	0.50	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Potassium	352		108	3.780	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Vanadium	11.4		2.160	0.64	mg/Kg
A3816-18	SBM-3-S-1	SOIL	Zinc	47.8		2.160	0.76	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-4**							
A3816-10	SBM-4	SOIL	Aluminum	4660		5.950	1.000	mg/Kg
A3816-10	SBM-4	SOIL	Arsenic	8.980		1.190	0.39	mg/Kg
A3816-10	SBM-4	SOIL	Barium	63.0		5.950	0.48	mg/Kg
A3816-10	SBM-4	SOIL	Beryllium	0.47		0.36	0.07	mg/Kg
A3816-10	SBM-4	SOIL	Cadmium	0.93		0.36	0.07	mg/Kg
A3816-10	SBM-4	SOIL	Calcium	1210		119	1.270	mg/Kg
A3816-10	SBM-4	SOIL	Chromium	3.130		0.60	0.15	mg/Kg
A3816-10	SBM-4	SOIL	Cobalt	3.420		1.790	0.68	mg/Kg
A3816-10	SBM-4	SOIL	Copper	14.6		1.190	0.38	mg/Kg
A3816-10	SBM-4	SOIL	Iron	24100		5.950	1.580	mg/Kg
A3816-10	SBM-4	SOIL	Lead	23.7		0.71	0.46	mg/Kg
A3816-10	SBM-4	SOIL	Magnesium	408		119	5.450	mg/Kg
A3816-10	SBM-4	SOIL	Manganese	135		1.190	0.23	mg/Kg
A3816-10	SBM-4	SOIL	Mercury	0.091		0.013	0.003	mg/Kg
A3816-10	SBM-4	SOIL	Nickel	10.1		2.380	0.55	mg/Kg
A3816-10	SBM-4	SOIL	Potassium	411		119	4.170	mg/Kg
A3816-10	SBM-4	SOIL	Sodium	128		119	3.000	mg/Kg
A3816-10	SBM-4	SOIL	Vanadium	11.9		2.380	0.70	mg/Kg
A3816-10	SBM-4	SOIL	Zinc	34.4		2.380	0.83	mg/Kg
Client ID:	**SBM-4-S-1**							
A3816-19	SBM-4-S-1	SOIL	Aluminum	3210		5.640	0.95	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Arsenic	10.5		1.130	0.37	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Barium	50.4		5.640	0.45	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Beryllium	0.56		0.34	0.07	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Cadmium	1.920		0.34	0.07	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Calcium	452		113	1.210	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Chromium	2.000		0.56	0.15	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Cobalt	3.700		1.690	0.64	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Copper	14.8		1.130	0.36	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Iron	33400		5.640	1.500	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Lead	24.0		0.68	0.44	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Magnesium	231		113	5.170	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Manganese	144		1.130	0.21	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Mercury	0.033		0.012	0.002	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Nickel	10.8		2.260	0.52	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Potassium	370		113	3.950	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Vanadium	15.0		2.260	0.67	mg/Kg
A3816-19	SBM-4-S-1	SOIL	Zinc	16.6		2.260	0.79	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-5**							
A3816-12	SBM-5	SOIL	Aluminum	3510		4.960	0.83	mg/Kg
A3816-12	SBM-5	SOIL	Arsenic	2.180		0.99	0.33	mg/Kg
A3816-12	SBM-5	SOIL	Barium	63.8		4.960	0.40	mg/Kg
A3816-12	SBM-5	SOIL	Beryllium	0.50		0.30	0.06	mg/Kg
A3816-12	SBM-5	SOIL	Cadmium	1.000		0.30	0.06	mg/Kg
A3816-12	SBM-5	SOIL	Calcium	1590		99.1	1.060	mg/Kg
A3816-12	SBM-5	SOIL	Chromium	6.740		0.50	0.13	mg/Kg
A3816-12	SBM-5	SOIL	Cobalt	11.2		1.490	0.57	mg/Kg
A3816-12	SBM-5	SOIL	Copper	12.0		0.99	0.32	mg/Kg
A3816-12	SBM-5	SOIL	Iron	16200		4.960	1.320	mg/Kg
A3816-12	SBM-5	SOIL	Lead	26.1		0.59	0.39	mg/Kg
A3816-12	SBM-5	SOIL	Magnesium	2340		99.1	4.540	mg/Kg
A3816-12	SBM-5	SOIL	Manganese	337		0.99	0.19	mg/Kg
A3816-12	SBM-5	SOIL	Mercury	0.064		0.012	0.002	mg/Kg
A3816-12	SBM-5	SOIL	Nickel	20.9		1.980	0.46	mg/Kg
A3816-12	SBM-5	SOIL	Potassium	799		99.1	3.470	mg/Kg
A3816-12	SBM-5	SOIL	Vanadium	10.7		1.980	0.58	mg/Kg
A3816-12	SBM-5	SOIL	Zinc	34.4		1.980	0.69	mg/Kg
Client ID:	**SBM-6**							
A3816-16	SBM-6	SOIL	Aluminum	7890		4.500	0.76	mg/Kg
A3816-16	SBM-6	SOIL	Arsenic	6.120		0.90	0.30	mg/Kg
A3816-16	SBM-6	SOIL	Barium	139		4.500	0.36	mg/Kg
A3816-16	SBM-6	SOIL	Beryllium	0.56		0.27	0.05	mg/Kg
A3816-16	SBM-6	SOIL	Cadmium	1.620		0.27	0.05	mg/Kg
A3816-16	SBM-6	SOIL	Calcium	4320		90.0	0.96	mg/Kg
A3816-16	SBM-6	SOIL	Chromium	11.4		0.45	0.12	mg/Kg
A3816-16	SBM-6	SOIL	Cobalt	10.5		1.350	0.51	mg/Kg
A3816-16	SBM-6	SOIL	Copper	30.5		0.90	0.29	mg/Kg
A3816-16	SBM-6	SOIL	Iron	22100		4.500	1.200	mg/Kg
A3816-16	SBM-6	SOIL	Lead	82.9		0.54	0.35	mg/Kg
A3816-16	SBM-6	SOIL	Magnesium	3590		90.0	4.120	mg/Kg
A3816-16	SBM-6	SOIL	Manganese	904		0.90	0.17	mg/Kg
A3816-16	SBM-6	SOIL	Mercury	0.134		0.011	0.002	mg/Kg
A3816-16	SBM-6	SOIL	Nickel	23.6		1.800	0.41	mg/Kg
A3816-16	SBM-6	SOIL	Potassium	644		90.0	3.150	mg/Kg
A3816-16	SBM-6	SOIL	Sodium	204		90.0	2.270	mg/Kg
A3816-16	SBM-6	SOIL	Vanadium	14.0		1.800	0.53	mg/Kg
A3816-16	SBM-6	SOIL	Zinc	104		1.800	0.63	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-6-S-2**							
A3816-17	SBM-6-S-2	SOIL	Aluminum	5660		5.600	0.94	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Arsenic	4.600		1.120	0.37	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Barium	63.5		5.600	0.45	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Beryllium	0.45		0.34	0.07	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Cadmium	0.64		0.34	0.07	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Calcium	1480		112	1.200	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Chromium	6.260		0.56	0.15	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Cobalt	6.350		1.680	0.64	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Copper	17.1		1.120	0.36	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Iron	15800		5.600	1.490	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Lead	16.8		0.67	0.44	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Magnesium	1540		112	5.130	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Manganese	197		1.120	0.21	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Mercury	0.090		0.012	0.002	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Nickel	14.5		2.240	0.51	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Potassium	377		112	3.920	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Sodium	118		112	2.820	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Vanadium	11.5		2.240	0.66	mg/Kg
A3816-17	SBM-6-S-2	SOIL	Zinc	43.2		2.240	0.78	mg/Kg
Client ID:	**SBM-7**							
A3816-01	SBM-7	SOIL	Aluminum	1400		6.090	1.020	mg/Kg
A3816-01	SBM-7	SOIL	Arsenic	6.650		1.220	0.40	mg/Kg
A3816-01	SBM-7	SOIL	Barium	17.9		6.090	0.49	mg/Kg
A3816-01	SBM-7	SOIL	Cadmium	0.80		0.37	0.07	mg/Kg
A3816-01	SBM-7	SOIL	Calcium	1060		122	1.300	mg/Kg
A3816-01	SBM-7	SOIL	Chromium	1.640		0.61	0.16	mg/Kg
A3816-01	SBM-7	SOIL	Cobalt	7.790		1.830	0.69	mg/Kg
A3816-01	SBM-7	SOIL	Copper	20.1		1.220	0.39	mg/Kg
A3816-01	SBM-7	SOIL	Iron	21400		6.090	1.620	mg/Kg
A3816-01	SBM-7	SOIL	Lead	13.7		0.73	0.48	mg/Kg
A3816-01	SBM-7	SOIL	Magnesium	362		122	5.580	mg/Kg
A3816-01	SBM-7	SOIL	Manganese	290		1.220	0.23	mg/Kg
A3816-01	SBM-7	SOIL	Mercury	0.079		0.012	0.002	mg/Kg
A3816-01	SBM-7	SOIL	Nickel	20.7		2.440	0.56	mg/Kg
A3816-01	SBM-7	SOIL	Potassium	271		122	4.260	mg/Kg
A3816-01	SBM-7	SOIL	Sodium	176		122	3.070	mg/Kg
A3816-01	SBM-7	SOIL	Vanadium	8.300		2.440	0.72	mg/Kg
A3816-01	SBM-7	SOIL	Zinc	24.4		2.440	0.85	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-8**							
A3816-05	SBM-8	SOIL	Aluminum	6610		6.450	1.080	mg/Kg
A3816-05	SBM-8	SOIL	Arsenic	3.260		1.290	0.43	mg/Kg
A3816-05	SBM-8	SOIL	Barium	60.0		6.450	0.52	mg/Kg
A3816-05	SBM-8	SOIL	Beryllium	0.44		0.39	0.08	mg/Kg
A3816-05	SBM-8	SOIL	Cadmium	0.49		0.39	0.08	mg/Kg
A3816-05	SBM-8	SOIL	Calcium	630		129	1.380	mg/Kg
A3816-05	SBM-8	SOIL	Chromium	5.770		0.64	0.17	mg/Kg
A3816-05	SBM-8	SOIL	Cobalt	4.620		1.930	0.74	mg/Kg
A3816-05	SBM-8	SOIL	Copper	9.640		1.290	0.41	mg/Kg
A3816-05	SBM-8	SOIL	Iron	15800		6.450	1.720	mg/Kg
A3816-05	SBM-8	SOIL	Lead	19.7		0.77	0.50	mg/Kg
A3816-05	SBM-8	SOIL	Magnesium	1090		129	5.910	mg/Kg
A3816-05	SBM-8	SOIL	Manganese	198		1.290	0.25	mg/Kg
A3816-05	SBM-8	SOIL	Mercury	0.074		0.013	0.003	mg/Kg
A3816-05	SBM-8	SOIL	Nickel	12.6		2.580	0.59	mg/Kg
A3816-05	SBM-8	SOIL	Potassium	266		129	4.510	mg/Kg
A3816-05	SBM-8	SOIL	Sodium	138		129	3.250	mg/Kg
A3816-05	SBM-8	SOIL	Vanadium	13.2		2.580	0.76	mg/Kg
A3816-05	SBM-8	SOIL	Zinc	40.9		2.580	0.90	mg/Kg
Client ID:	**SBM-9**							
A3816-13	SBM-9	SOIL	Aluminum	6070		4.870	0.82	mg/Kg
A3816-13	SBM-9	SOIL	Arsenic	3.740		0.97	0.32	mg/Kg
A3816-13	SBM-9	SOIL	Barium	70.5		4.870	0.39	mg/Kg
A3816-13	SBM-9	SOIL	Beryllium	0.36		0.29	0.06	mg/Kg
A3816-13	SBM-9	SOIL	Cadmium	0.75		0.29	0.06	mg/Kg
A3816-13	SBM-9	SOIL	Calcium	1410		97.5	1.040	mg/Kg
A3816-13	SBM-9	SOIL	Chromium	9.020		0.49	0.13	mg/Kg
A3816-13	SBM-9	SOIL	Cobalt	7.220		1.460	0.56	mg/Kg
A3816-13	SBM-9	SOIL	Copper	21.3		0.97	0.31	mg/Kg
A3816-13	SBM-9	SOIL	Iron	15800		4.870	1.300	mg/Kg
A3816-13	SBM-9	SOIL	Lead	85.6		0.58	0.38	mg/Kg
A3816-13	SBM-9	SOIL	Magnesium	3030		97.5	4.460	mg/Kg
A3816-13	SBM-9	SOIL	Manganese	386		0.97	0.19	mg/Kg
A3816-13	SBM-9	SOIL	Mercury	0.200		0.012	0.002	mg/Kg
A3816-13	SBM-9	SOIL	Nickel	15.0		1.950	0.45	mg/Kg
A3816-13	SBM-9	SOIL	Potassium	507		97.5	3.410	mg/Kg
A3816-13	SBM-9	SOIL	Sodium	103		97.5	2.460	mg/Kg
A3816-13	SBM-9	SOIL	Vanadium	11.0		1.950	0.58	mg/Kg
A3816-13	SBM-9	SOIL	Zinc	62.8		1.950	0.68	mg/Kg

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: A3816 **Order ID:** A3816

Client: C.T. Male & Associates **Project ID:** Old Troy Municipal Incinerator

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**SBM-9-S-1**							
A3816-21	SBM-9-S-1	SOIL	Aluminum	8650		5.470	0.92	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Arsenic	4.130		1.090	0.36	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Barium	36.6		5.470	0.44	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Beryllium	0.46		0.33	0.07	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Cadmium	0.74		0.33	0.07	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Calcium	743		109	1.170	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Chromium	9.500		0.55	0.14	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Cobalt	10.4		1.640	0.62	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Copper	15.9		1.090	0.35	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Iron	20200		5.470	1.460	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Lead	12.7		0.66	0.43	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Magnesium	2870		109	5.010	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Manganese	454		1.090	0.21	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Mercury	0.035		0.012	0.002	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Nickel	16.3		2.190	0.50	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Potassium	428		109	3.830	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Vanadium	12.9		2.190	0.65	mg/Kg
A3816-21	SBM-9-S-1	SOIL	Zinc	41.6		2.190	0.77	mg/Kg

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Antimony	25.0	U	25.0	U	25.0	U	25.0	U	2.500	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Barium	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Beryllium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	P
Cadmium	3.0	U	3.0	U	3.0	U	3.0	U	0.300	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Chromium	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Cobalt	15.0	U	15.0	U	15.0	U	15.0	U	1.500	U	P
Copper	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Iron	50.0	U	50.0	U	50.0	U	50.0	U	5.000	U	P
Lead	6.0	U	6.0	U	6.0	U	6.0	U	0.600	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Manganese	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.010	U	CV
Nickel	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Selenium	10.0	U	10.0	U	10.0	U	10.0	U	1.000	U	P
Silver	5.0	U	5.0	U	5.0	U	5.0	U	0.500	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	100.000	U	P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Vanadium	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U	2.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			25.0	U	25.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			50.0	U	50.0	U					P
Beryllium			3.0	U	3.0	U					P
Cadmium			3.0	U	3.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			5.0	U	5.0	U					P
Cobalt			15.0	U	15.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			6.0	U	6.0	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			10.0	U	10.0	U					P
Mercury			0.200	U	0.200	U	0.200	U			CV
Nickel			20.0	U	20.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			10.0	U	10.0	U					P
Silver			5.0	U	5.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			20.0	U	20.0	U					P
Zinc			20.0	U	20.0	U					P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury			0.200	U	0.200	U					CV

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U			P
Antimony	25.0	U	25.0	U	25.0	U	25.0	U			P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U			P
Barium	50.0	U	50.0	U	50.0	U	50.0	U			P
Beryllium	3.0	U	3.0	U	3.0	U	3.0	U			P
Cadmium	3.0	U	3.0	U	3.0	U	3.0	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Chromium	5.0	U	5.0	U	5.0	U	5.0	U			P
Cobalt	15.0	U	15.0	U	15.0	U	15.0	U			P
Copper	10.0	U	10.0	U	10.0	U	10.0	U			P
Iron	50.0	U	50.0	U	50.0	U	50.0	U			P
Lead	6.0	U	6.0	U	6.0	U	6.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	10.0	U	10.0	U	10.0	U	10.0	U			P
Mercury	0.20	U	0.20	U	0.20	U	0.20	U			CV
Nickel	20.0	U	20.0	U	20.0	U	20.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Selenium	10.0	U	10.0	U	10.0	U	10.0	U			P
Silver	5.0	U	5.0	U	5.0	U	5.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	20.0	U	20.0	U	20.0	U	20.0	U			P
Vanadium	20.0	U	20.0	U	20.0	U	20.0	U			P
Zinc	20.0	U	20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Mercury			0.20	U							CV
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			25.0	U	25.0	U	25.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			50.0	U	50.0	U	50.0	U			P
Beryllium			3.0	U	3.0	U	3.0	U			P
Cadmium			3.0	U	3.0	U	3.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			15.0	U	15.0	U	15.0	U			P
Copper			10.0	U	10.0	U	10.0	U			P
Iron			50.0	U	50.0	U	50.0	U			P
Lead			6.0	U	6.0	U	6.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			10.0	U	10.0	U	10.0	U			P
Nickel			20.0	U	20.0	U	20.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Selenium			10.0	U	10.0	U	10.0	U			P
Silver			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			20.0	U	20.0	U	20.0	U			P
Vanadium			20.0	U	20.0	U	20.0	U			P
Zinc			20.0	U	20.0	U	20.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			57.4	J	51.6	J					P
Antimony			25.0	U	25.0	U					P
Arsenic			10.0	U	10.0	U					P
Barium			50.0	U	50.0	U					P
Beryllium			3.0	U	3.0	U					P
Cadmium			3.0	U	3.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			5.0	U	5.0	U					P
Cobalt			15.0	U	15.0	U					P
Copper			10.0	U	10.0	U					P
Iron			50.0	U	50.0	U					P
Lead			6.0	U	6.0	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			10.0	U	10.0	U					P
Nickel			20.0	U	20.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			10.0	U	10.0	U					P
Silver			5.0	U	5.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			20.0	U	20.0	U					P
Vanadium			20.0	U	20.0	U					P
Zinc			20.0	U	20.0	U					P

Metals

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100	245000	100.4	243000	100.8				
Antimony	0	589	4.7		612	103.9				
Arsenic	0	101	10.8		109	107.9				
Barium	0	495	3.6		492	99.4				
Beryllium	0	475	0.87		483	101.7				
Cadmium	0	940	3.6		949	101.0				
Calcium	234900	231100	242000	103.0	243000	105.1				
Chromium	43	511	42.6	99.1	529	103.5				
Cobalt	0	461	3.8		474	102.8				
Copper	0	548	20.1		509	92.9				
Iron	95600	94800	93100	97.4	92700	97.8				
Lead	0	61	7.8		55.7	91.3				
Magnesium	247500	251100	255000	103.0	253000	100.8				
Manganese	19	502	21.0	110.5	495	98.6				
Nickel	0	984	18.5		996	101.2				
Potassium	0		5.6		6.5					
Selenium	0	53	-3.8		47.0	88.7				
Silver	0	206	-0.75		209	101.5				
Sodium	0		787		782					
Thallium	0	103	1.1		98.4	95.5				
Vanadium	0	494	3.6		484	98.0				
Zinc	0	1028	59.8		985	95.8				

Metals

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-AES Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100	251000	102.8	252000	104.5				
Antimony	0	589	2.4		652	110.7				
Arsenic	0	101	15.9		117	115.8				
Barium	0	495	4.1		519	104.8				
Beryllium	0	475	0.92		493	103.8				
Cadmium	0	940	4.2		990	105.3				
Calcium	234900	231100	249000	106.0	250000	108.2				
Chromium	43	511	43.5	101.2	537	105.1				
Cobalt	0	461	4.3		494	107.2				
Copper	0	548	22.1		529	96.5				
Iron	95600	94800	96200	100.6	96300	101.6				
Lead	0	61	7.9		54.6	89.5				
Magnesium	247500	251100	263000	106.3	263000	104.7				
Manganese	19	502	21.8	114.7	513	102.2				
Nickel	0	984	23.0		1030	104.7				
Potassium	0		-1.7		3.0					
Selenium	0	53	2.6		52.2	98.5				
Silver	0	206	-1.3		216	104.9				
Sodium	0		809		836					
Thallium	0	103	-3.4		98.2	95.3				
Vanadium	0	494	2.9		497	100.6				
Zinc	0	1028	31.2		1030	100.2				

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-MS Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Aluminum	244100	241100	245000	100.4	243000	100.8
Antimony	0	589	4.7		612	103.9
Arsenic	0	101	10.8		109	107.9
Barium	0	495	3.6		492	99.4
Beryllium	0	475	0.87		483	101.7
Cadmium	0	940	3.6		949	101.0
Calcium	234900	231100	242000	103.0	243000	105.1
Chromium	43	511	42.6	99.1	529	103.5
Cobalt	0	461	3.8		474	102.8
Copper	0	548	20.1		509	92.9
Iron	95600	94800	93100	97.4	92700	97.8
Lead	0	61	7.8		55.7	91.3
Magnesium	247500	251100	255000	103.0	253000	100.8
Manganese	19	502	21.0	110.5	495	98.6
Nickel	0	984	18.5		996	101.2
Potassium	0		5.6		6.5	
Selenium	0	53	-3.8		47.0	88.7
Silver	0	206	-0.75		209	101.5
Sodium	0		787		782	
Thallium	0	103	1.1		98.4	95.5
Vanadium	0	494	3.6		484	98.0
Zinc	0	1028	59.8		985	95.8

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

ICP-MS Instrument ID: P4 ICS Source: INOR-VEN

Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Aluminum	244100	241100	251000	102.8	252000	104.5
Antimony	0	589	2.4		652	110.7
Arsenic	0	101	15.9		117	115.8
Barium	0	495	4.1		519	104.8
Beryllium	0	475	0.92		493	103.8
Cadmium	0	940	4.2		990	105.3
Calcium	234900	231100	249000	106.0	250000	108.2
Chromium	43	511	43.5	101.2	537	105.1
Cobalt	0	461	4.3		494	107.2
Copper	0	548	22.1		529	96.5
Iron	95600	94800	96200	100.6	96300	101.6
Lead	0	61	7.9		54.6	89.5
Magnesium	247500	251100	263000	106.3	263000	104.7
Manganese	19	502	21.8	114.7	513	102.2
Nickel	0	984	23.0		1030	104.7
Potassium	0		-1.7		3.0	
Selenium	0	53	2.6		52.2	98.5
Silver	0	206	-1.3		216	104.9
Sodium	0		809		836	
Thallium	0	103	-3.4		98.2	95.3
Vanadium	0	494	2.9		497	100.6
Zinc	0	1028	31.2		1030	100.2

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7S

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		1609.2570		1402.0710		243.61	85.0		P
Antimony	75 - 125	84.9647		3.0451	U	97.44	87.2		P
Arsenic	75 - 125	89.7174		6.6516		97.44	85.2		P
Barium	75 - 125	41.0646		17.8843		24.36	95.2		P
Beryllium	75 - 125	21.5725		0.3654	U	24.36	88.6		P
Cadmium	75 - 125	26.4811		0.7966		24.36	105.4		P
Calcium		1096.6260		1062.0340		121.80	28.4		P
Chromium	75 - 125	45.3203		1.6370		48.72	89.7		P
Cobalt	75 - 125	33.0110		7.7881		24.36	103.5		P
Copper	75 - 125	52.1766		20.0914		36.54	87.8		P
Iron		21295.9800		21439.7100		365.41	-39.3		P
Lead	75 - 125	135.3350		13.6577		121.80	99.9		P
Magnesium	75 - 125	563.4836		362.4239		243.61	82.5		P
Manganese		304.9452		289.8782		24.36	61.9		P
Mercury	75 - 125	0.3368		0.0792		0.24	107.3		CV
Nickel	75 - 125	84.1389		20.6833		60.90	104.2		P
Potassium	75 - 125	1371.0110		271.4616		1218.03	90.3		P
Selenium	75 - 125	169.8660		1.2180	U	243.61	69.7	N	P
Silver	75 - 125	7.8210		0.6090	U	9.14	85.6		P
Sodium	75 - 125	496.0293		175.7613		365.41	87.6		P
Thallium	75 - 125	234.3605		2.4361	U	243.61	96.2		P
Vanadium	75 - 125	40.9281		8.2960		36.54	89.3		P
Zinc	75 - 125	41.5506		24.3618		24.36	70.6	N	P

Comments:

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7SD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		1618.3920		1402.0710		243.61	88.8		P
Antimony	75 - 125	83.1681		3.0451	U	97.44	85.4		P
Arsenic	75 - 125	87.3118		6.6516		97.44	82.8		P
Barium	75 - 125	40.7783		17.8843		24.36	94.0		P
Beryllium	75 - 125	21.0280		0.3654	U	24.36	86.3		P
Cadmium	75 - 125	26.0853		0.7966		24.36	103.8		P
Calcium		1113.9100		1062.0340		121.80	42.6		P
Chromium	75 - 125	45.0012		1.6370		48.72	89.0		P
Cobalt	75 - 125	32.5213		7.7881		24.36	101.5		P
Copper	75 - 125	52.0914		20.0914		36.54	87.6		P
Iron		21495.7400		21439.7100		365.41	15.3		P
Lead	75 - 125	132.2777		13.6577		121.80	97.4		P
Magnesium	75 - 125	564.7382		362.4239		243.61	83.0		P
Manganese		307.5396		289.8782		24.36	72.5		P
Mercury	75 - 125	0.3459		0.0792		0.24	111.1		CV
Nickel	75 - 125	82.7467		20.6833		60.90	101.9		P
Potassium	75 - 125	1357.7350		271.4616		1218.03	89.2		P
Selenium	75 - 125	163.2521		1.2180	U	243.61	67.0	N	P
Silver	75 - 125	7.6309		0.6090	U	9.14	83.5		P
Sodium	75 - 125	491.8027		175.7613		365.41	86.5		P
Thallium	75 - 125	229.3910		2.4361	U	243.61	94.2		P
Vanadium	75 - 125	40.4677		8.2960		36.54	88.0		P
Zinc	75 - 125	41.3873		24.3618		24.36	69.9	N	P

Comments:

Metals

5B-IN

POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SBM-7A

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Selenium		1332.70		10.00	U	2000.0	66.6		P
Zinc		335.35		200.01		200.0	67.7		P

Comments:

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SBM-7D

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1 % Solids for Duplicate: 82.1

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1402.0710		1379.5370		1.6		P
Antimony		3.0451	U	3.0451	U			P
Arsenic		6.6516		6.5359		1.8		P
Barium	6.0901	17.8843		17.4336		2.6		P
Beryllium		0.3654	U	0.3654	U			P
Cadmium	0.3654	0.7966		0.7467		6.5		P
Calcium		1062.0340		984.4824		7.6		P
Chromium	0.6090	1.6370		1.3094		22.2		P
Cobalt	1.8270	7.7881		7.6151		2.2		P
Copper		20.0914		19.6078		2.4		P
Iron		21439.7100		21227.7700		1.0		P
Lead		13.6577		13.3277		2.4		P
Magnesium	121.8027	362.4239		355.1523		2.0		P
Manganese		289.8782		287.4909		0.8		P
Mercury		0.0792		0.0737		7.2		CV
Nickel		20.6833		20.1267		2.7		P
Potassium	121.8027	271.4616		269.5737		0.7		P
Selenium		1.2180	U	1.2180	U			P
Silver		0.6090	U	0.6090	U			P
Sodium	121.8027	175.7613		162.9355		7.6		P
Thallium		2.4361	U	2.4361	U			P
Vanadium	2.4361	8.2960		8.2643		0.4		P
Zinc		24.3618		20.2619		18.4		P

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SBM-7SD

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.1 % Solids for Duplicate: 82.1

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1609.2570		1618.3920		0.6		P
Antimony		84.9647		83.1681		2.1		P
Arsenic		89.7174		87.3118		2.7		P
Barium		41.0646		40.7783		0.7		P
Beryllium		21.5725		21.0280		2.6		P
Cadmium		26.4811		26.0853		1.5		P
Calcium		1096.6260		1113.9100		1.6		P
Chromium		45.3203		45.0012		0.7		P
Cobalt		33.0110		32.5213		1.5		P
Copper		52.1766		52.0914		0.2		P
Iron		21295.9800		21495.7400		0.9		P
Lead		135.3350		132.2777		2.3		P
Magnesium		563.4836		564.7382		0.2		P
Manganese		304.9452		307.5396		0.8		P
Mercury		0.3368		0.3459		2.7		CV
Nickel		84.1389		82.7467		1.7		P
Potassium		1371.0110		1357.7350		1.0		P
Selenium		169.8660		163.2521		4.0		P
Silver		7.8210		7.6309		2.5		P
Sodium		496.0293		491.8027		0.9		P
Thallium		234.3605		229.3910		2.1		P
Vanadium		40.9281		40.4677		1.1		P
Zinc		41.5506		41.3873		0.4		P

Metals

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No: A3816 SDG NO.: A3816

Solid LCS Source: EPA-ICV

Aqueous LCS Source: EPA-ICV

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	2000.0	1763.60	88.2	200.0	179.8		80.0	120.0	89.9
Antimony	800.0	918.87	114.9	80.0	79.6		80.0	120.0	99.5
Arsenic	800.0	758.61	94.8	80.0	80.4		80.0	120.0	100.5
Barium	200.0	205.57	102.8	20.0	21.0		80.0	120.0	105.0
Beryllium	200.0	197.79	98.9	20.0	20.1		80.0	120.0	100.5
Cadmium	200.0	199.95	100.0	20.0	20.2		80.0	120.0	101.0
Calcium	1000.0	1035.20	103.5	100.0	105.2		80.0	120.0	105.2
Chromium	400.0	387.17	96.8	40.0	39.6		80.0	120.0	99.0
Cobalt	200.0	195.62	97.8	20.0	19.8		80.0	120.0	99.0
Copper	300.0	279.26	93.1	30.0	28.3		80.0	120.0	94.3
Iron	3000.0	2982.80	99.4	300.0	307.1		80.0	120.0	102.4
Lead	1000.0	930.89	93.1	100.0	94.2		80.0	120.0	94.2
Magnesium	2000.0	1941.10	97.1	200.0	195.0		80.0	120.0	97.5
Manganese	200.0	200.02	100.0	20.0	20.4		80.0	120.0	102.0
Mercury	4.000	4.180	104.5	0.200	0.210		80.0	120.0	105.0
Nickel	500.0	489.51	97.9	50.0	49.6		80.0	120.0	99.2
Potassium	10000.0	9871.10	98.7	1000.0	1008.6		80.0	120.0	100.9
Selenium	2000.0	1825.30	91.3	200.0	195.8		80.0	120.0	97.9
Silver	75.0	66.94	89.3	7.5	6.8		80.0	120.0	90.7
Sodium	3000.0	2978.00	99.3	300.0	299.1		80.0	120.0	99.7
Thallium	2000.0	1755.90	87.8	200.0	179.8		80.0	120.0	89.9
Vanadium	300.0	285.09	95.0	30.0	28.8		80.0	120.0	96.0
Zinc	200.0	192.64	96.3	20.0	19.7		80.0	120.0	98.5

Metals

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

SBM-7L

Lab Name: Chemtech Consulting Group Contract: C.T. Male & Associates

Lab Code: CTECH Case No.: A3816 NRAS No.: A3816 SDG NO.: A3816

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	11511.00		11780.00		2.3		P
Antimony	25.00	U	125.00	U			P
Arsenic	54.61		50.00	U	100.0		P
Barium	146.83		250.00	U	100.0		P
Beryllium	3.00	U	15.00	U			P
Cadmium	6.54		15.00	U	100.0		P
Calcium	8719.30		9039.00		3.7		P
Chromium	13.44		25.00	U	100.0		P
Cobalt	63.94		75.00	U	100.0		P
Copper	164.95		173.60		5.2		P
Iron	176020.00		194335.00		10.4		P
Lead	112.13		104.20		7.1		P
Magnesium	2975.50		5000.00	U	100.0		P
Manganese	2379.90		2597.40		9.1		P
Mercury	1.30		1.00	U	100.0		CV
Nickel	169.81		153.15		9.8		P
Potassium	2228.70		5000.00	U	100.0		P
Selenium	10.00	U	50.00	U			P
Silver	5.00	U	25.00	U			P
Sodium	1443.00		5000.00	U	100.0		P
Thallium	20.00	U	100.00	U			P
Vanadium	68.11		100.00	U	100.0		P
Zinc	200.01		199.20		0.4		P