DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5101

REPLY TO
ATTENTION OF

FILE
COPY

Directorate of Public Works

March 5, 2010

Larry Quinn, Site Manager
New Jersey Department of Environmental Protection (NJDEP)
Division of Remediation and Response
Bureau of Investigation, Design and Construction
401 East State Street, P.O. Box 413
Trenton, New Jersey 08625-0413

Subject: Remedial Action Report Addendum
Fort Monmouth – Charles Wood CW-7 (Building 2000)
Fort Monmouth, NJ 07703

Dear Mr. Quinn:

On behalf of the U.S. Army Fort Monmouth, Directorate of Public Works (hereafter "DPW"), Versar, Inc. (VERSAR), submitted the final *Remedial Action Report* (RAR) dated August 3, 2004 to the New Jersey Department of Environmental Protection (NJDEP). NJDEP completed its review of the RAR and responded with comments in correspondence dated March 5, 2008. NJDEP stated it could not issue a No Further Action (NFA) determination for the subject site because additional investigations or actions would be required. The site location is depicted on the United States Geological Survey 7.5-minute Long Branch, New Jersey quadrangle map (**Figure 1**).

On April 19, 2008, DPW provided a line-by-line written response to the NJDEP's March 5, 2008 correspondence. In its correspondence, the DPW proposed additional investigations/actions for NJDEP approval in an effort to achieve NFA status for the above-subject site. In the correspondence dated June 27, 2008, NJDEP approved DPW's proposed additional investigations/actions including the submission of an addendum to the RAR summarizing results of completed site investigation activities. In the third quarter 2008, DPW's contractor, TECOM-Vinnell Services (TVS) completed the site investigation and remedial action activities. The results of the completed activities are in this addendum to the RAR for NJDEP approval.

I. Soil Cleanup Standards

On June 2, 2008, the NJDEP adopted new soil remediation standards (N.J.A.C. 7:26D) and amended the Technical Requirements for Site Remediation [7:26E-1.3(d)] which references the new remediation standards rules and require that site-specific impact to ground water standards be developed pursuant to the Brownfield Act.

Although the current soil remediation standard for PCBs (only contaminants of concern identified onsite) are more stringent than the former soil cleanup criteria, the latter standards apply for the site because:

- The RAR was submitted before December 2, 2008 which establish the current soil cleanup criteria as the standards for the site;
- The RAR is compliant with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-6 and,
- The soil cleanup criteria for the site do not exceed by an order of magnitude or more the soil remediation standards adopted by N.J.A.C. 7:26D on June 2, 2008.

The Non-residential Direct Contact Soil Cleanup Criterion (NRDCSCC) for PCBs applicable to this site is 2 milligrams per kilogram (mg/kg).

II. Soil Investigation

As noted in NJDEP's April 19, 2008 correspondence, PCB concentrations exceeded the NJDEP . Residential Direct Contact Soil Cleanup Criterion of 0.49 mg/kg at five post-excavation soil sampling locations (**Table A**).

Table A. Summary of Soil Samples Containing PCBs Exceeding the NJDEP RDCSCC

Sample Identifier	Sample Date	Sample Depth (feet below grade)	Concentration (mg/kg)
M	11/21/1997	4.0–4.5	3.86
O	11/21/1997	4.0–4.5	0.81
P	11/23/1997	4.0–4.5	0.76
X	11/25/1997	2.0–2.5	0.86
DD	11/25/1997	2.0–2.5	0.61

Given that the soil sample collected at location M contained total PCBs exceeding the NJDEP NRDCSCC of 2 mg/kg, DPW proposed to excavate additional PCB-impacted soil proximate to this location. The goal was to reduce the PCBs remaining in on-site soils at concentrations less than the NJDEP NRDCSCC. This approach was approved by NJDEP in correspondence addressed to the DPW dated June 27, 2008.

i. Pre-excavation Soil Sampling

On July 22, 2008, TVS conducted a pre-excavation soil delineation soil sampling program. The purpose of this sampling program was to determine the horizontal and vertical extent of PCBs in the area proximate to soil sample location M to define the approximate footprint of the excavation. Four soil borings (B1 through B4) were completed as shown on **Figure 2**. At each soil boring, soil samples were collected at the following depth intervals [feet below grade surface (bgs)]: 0.5–1.0, 1.5–2.0, 2.5–3.0, and 3.5–4.0.

All soil sampling, handling, and documentation procedures were performed in accordance with the NJDEP August 2005 *Field Sampling Procedures Manual* and DPW Standard Operating Procedures. A chain of custody accompanied all samples from the time of collection to the time the samples were received for laboratory analysis. All soil samples were stored in an insulated cooler and preserved with wet ice before being submitted to Fort Monmouth's Environmental Testing Laboratory (FMETL) (NJDEP Certification Number 13461) for PCB analysis using United States Environmental Protection Agency (USEPA) approved test method 8082.

ii. Pre-excavation Soil Analytical Results

PCBs were not detected in soil samples collected from soil borings B2 and B3 (**Table 1**). PCBs were detected at B1A (0.5–1.0 feet bgs), B4A (0.5–1.0 feet bgs), and B4B (1.5–2.0 feet bgs) at concentrations of 0.0261, 0.0489, and 0.160 mg/kg, respectively. These concentrations are less than the NRDCSCC of 2 mg/kg and the current NJDEP Non-residential Direct Contact Soil Remediation Standard (NRDCSRS) of 1 mg/kg.

II. Soil Excavation and Sampling Activities

All soil excavation activities, including post-excavation and surficial soil sampling, were conducted under the direct supervision of a DPW representative.

On July 30, 2008, soil was excavated in the area proximate to soil sample location CW7-M (**Figure 2**). Soil was removed by a single excavation measuring approximately five feet in length, five feet in width, and approximately six feet in depth.

One discrete soil sample (PX5) was collected at the bottom of the excavation (5.5–6.0 feet bgs). Post-excavation soil sampling was also conducted along the perimeter sidewall of the excavation. Four post-excavation soil samples (PX1, PX2, PX3, PX4) were collected at the bottom on the excavation adjacent to each sidewall at depths ranging from 4.5 to 6.0 feet bgs (zero to 6 inches above the water table).

In addition to the five post-excavation soil samples that were collected, four surficial (0.0–0.5 feet bgs) soil samples were also collected at each corner of the excavation to document PCBs were not present at concentrations exceeding the NRDCSCC of 2 mg/kg.

All post-excavation and surficial soil samples were stored in an insulated cooler and preserved with wet ice before being submitted to FMEL laboratory (NJDEP Certification Number 13461) for PCB analysis using USEPA approved test method 8082.

i. Post-excavation and Surficial Soil Analytical Results

PCBs were not detected in the four surficial soil samples and post-excavation soil samples PX1, PX2, PX4, and PX5. PCBs were detected only in the post-excavation soil sample collected from the east sidewall (PX3) at a concentration of 0.062 mg/kg. This concentration is less than the NJDEP NRDCSCC of 2 mg/kg. The analytical results are summarized on **Table 2** and on **Figure 2**. The laboratory analytical report is included in **Attachment 1**.

ii. Soil Disposal

Approximately 8.5 tons of soil was excavated. The soil was temporarily stockpiled on and encapsulated with plastic sheeting onsite. The next day, the soil was containerized in 24, 55-gallon steel drums and relocated to Charles Wood less than 90-day waste storage area. On September 10, 2008, the excavated soil was transported by Veolia ES Technical Solutions, LLC of Flanders, NJ to Model City, NY for treatment and disposal. Disposal documentation for the transported soil is provided in **Attachment 2**. Certified virgin fill was used to backfill the excavation (**Attachment 3**).

III. Groundwater Investigation

TVS collected a groundwater sample for PCB analysis in accordance with DPW and NJDEP correspondences dated April 19, 2008 and June 27, 2008, respectively. The purpose of this sampling is to document that PCBs detected in soil sample CW07-TR61, which exceeded the NJDEP's Impact to Groundwater Criterion of 50 mg/kg, did not impact groundwater quality.

i. Groundwater Sampling Procedure and Analytical Results

On July 30, 2009, a 2-1/8 inch diameter direct push rod was advanced to the appropriate depth using a Geoprobe© Model 6000. Following removal of the direct push rod, a 1-inch diameter, polyvinyl chloride temporary monitoring point was inserted into the borehole and groundwater was permitted to stabilize. The temporary monitoring point was constructed using five-foot sections of 0.010-inch factory slotted screen and solid casing. A sufficient length of screen was used to ensure the monitoring point was screened across the unconfined groundwater table. The location of the temporary monitoring point is depicted on **Figure 2**.

Prior to ground water sample collection, the temporary monitoring point was slowly purged using a peristaltic pump and dedicated polyethylene tubing to remove sediment from the well bore, thus temporarily optimizing well yield and the procurement of representative ground water samples. DPW measured pH, conductivity, dissolved oxygen, temperature, and depth to water before purging, after purging, and after sample collection (**Attachment 4**). After purging, the peristaltic tubing was removed and a dedicated polyethylene bailer and Nylon string were used to the collect the groundwater sample.

The groundwater and field blank samples were stored in an insulated cooler at approximately 4 °C (wet ice) and submitted under chain-of-custody to QC Laboratories of Southampton, Pennsylvania (NJDEP Certification Number PA166). Both groundwater water samples were analyzed for PCBs using USEPA approved test method 608.

Applicable protocols regarding sampling, handling, storage, preservation, reporting, decontamination of field equipment and other procedures were followed as outlined in the NJDEP *Field Sampling Procedures Manual* dated August 2005 and DPW's Scope of Work.

PCBs were not detected in the groundwater sample and the field blank. The laboratory analytical report is included in **Attachment 5**.

IV. Sediment Investigation

On July 30, 2008, TVS collected sediment samples for analysis of PCBs to determine if there is any evidence that the sediments have been contaminated. Three sediment samples were collected at two locations (CW-1, CW-2) as shown on **Figure 2**. Sediment samples were collected at the 0.0–0.5 feet bgs. In addition, a sediment sample was at collected 0.5–1.0 feet bgs at CW-1. At CW-2, a sediment sample was not collected deeper than 0.5 feet bgs due to refusal.

The sediment samples were stored in an insulated cooler at approximately 4 °C (wet ice) and submitted under chain-of-custody to FMETL for PCB analysis using USEPA approved test method 8082.

PCBs were not detected in the sediment samples. The laboratory analytical report is included in **Attachment 5**.

V. Electronic Data Submittal

Enclosed is a compact disk (CD) containing the required soil, sediment and groundwater analytical data conforming to the Reduced Laboratory Deliverables Format consistent with N.J.A.C. 7:26E. The electronic deliverable was prepared using the database format that is outlined in the NJDEP's *Site Remediation Program Electronic Data Interchange Manual*. The CD was checked against the NJDEP's Electronic Data Submittal Application to ensure it passed. The CD contains three separate files required by the NJDEP, namely DTST, HZSAMPLE, and HZRESULT.

VI. Summary of Findings

- Approximately 8.5 tons of non-hazardous waste soil removed from an excavation area encompassing soil sample labeled "M" was transported to Model City, NY for disposal.

- Post-excavation soil samples collected at the excavation sidewalls and excavation bottom indicate that only one soil sample (PX3) contained PCBs at a concentration of 0.062 mg/kg which is less than NRDCSCC 2 mg/kg. Furthermore, the concentrations of PCBs in soil are compliant with the NJDEP new Remediation Standards rules (N.J.A.C. 7:26D) adopted in June 2008. In these rules, the NRDCSRS for PCBs is 1 mg/kg.

- The groundwater sample collected from the temporary monitoring point indicates non-detectable levels of PCBs.

- The sediment samples collected from two locations indicate non-detectable levels of PCBs.

VII. Conclusions

- Given that PCB concentrations in soil do not exceed the NRDCSCC of 2 mg/kg, no additional investigation is required for soil.

- PCBs were not detected in groundwater. Therefore, no additional investigation is required for groundwater.

- PCBs were not detected in stream sediments. Therefore, no additional investigation is required.

DPW respectfully requests NJDEP approval that no additional investigation is required and issue a conditional No Further Action determination letter. As noted in DPW's April 19, 2008 correspondence to NJDEP, the DPW will incorporate a document equivalent to a Deed Notice into Fort Monmouth's Master Plan for soils containing PCBs greater than the Residential Direct Contact Soil Cleanup Criteria of 0.49 mg/kg but less than the NRDCSCC of 2 mg/kg.

If you have any questions or require additional information, please contact me (joseph.m.fallon@us.army.mil) or John H. Montgomery (john.h.montgomery@us.army.mil).

Sincerely,

Joseph M. Fallon

Joseph M. Fallon, CHMM
Chief, Environmental Division
Directorate of Public Works

c: file
enclosure

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SITE REMEDIATION, PUBLICLY FUNDED REMEDIATION ELEMENT
P.O. BOX 413
TRENTON, NEW JERSEY 08625-0413

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

July 15, 2010

Mr. Joseph Fallon, CHMM
Directorate of Public Works
ATTN: IMNE-MON-PWE
167 Riverside Ave.
Fort Monmouth, NJ 07703

RE: Deed Notice for Site CW-7 (Building 2000)
Charles Wood Area, Fort Monmouth, NJ

Dear Mr. Fallon:

As we have discussed, the NJDEP Site Remediation Program (SRP) is prepared to issue a No Further Action (NFA) letter for Site CW-7, based upon the Remedial Action Report Addendum dated March 5, 2010 that we received from your office.

The Army has opted to remediate Site CW-7 to non-residential soil remediation standards (SRS). Polychlorinated biphenyls (PCBs) are being left in soil at concentrations in excess of the NJDEP residential SRS of 0.2 mg/kg at 4 locations within Site CW-7. For that reason, a deed notice is required before an NFA letter can be issued.

Among other provisions, the deed notice must specify the locations and concentrations of the PCB contamination in excess of the residential SRS that is being left in place. A deed notice normally must be filed with a deed for the property that encompasses the site remediation area of concern. Since Fort Monmouth is currently owned by the Federal government, other requirements may apply.

The requirements for deed notices are spelled out in Section 8.2 – "Deed notice requirements", of the New Jersey Technical Requirements for Site Remediation (N.J.A.C. 7:26E) (http://www.state.nj.us/dep/srp/regs/techrule/techrule.pdf). A Model Deed Notice can be found as Appendix E to the Technical Requirements. An online editable version of the Model Deed Notice is available at http://www.state.nj.us/dep/srp/regs/techrule/techrl0e.doc.

I can help answer questions that arise during the preparation of the deed notice for Site CW-7. After a deed notice is prepared, it should be submitted for my review and approval before being signed by Army officials.

You or other Army personnel may contact me at 609-633-0766 with any questions on the above or any other site remediation matters at Fort Monmouth.

Sincerely,

Larry Quinn

Larry Quinn, P.E., Site Manager
Bureau of Investigation, Design and Construction

Tables

Table 1. Summary of PCBs in Pre-excavation Soil Samples
Site CW-7 (Building 2000)
Fort Monmouth, New Jersey

Sample ID	NJDEP Non-residential Direct Contact Soil Cleanup Criterion*	Units	B1A	B1B	B1C	B1D	B2A	B2B	B2C	B2D	B3A	B3B
Date Collected			7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008
Sample Depth (feet below grade)			0.5-1.0	1.5-2.0	2.5-3.0	3.5-4.0	0.5-1.0	1.5-2.0	2.5-3.0	3.5-4.0	0.5-1.0	1.5-2.0
ANALYTE / Lab ID			8024501	8024502	8024503	8024504	8024505	8024506	8024507	8024508	8024509	8024510
Arochlor 1016	2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1221		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1232		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1242		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1248		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1254		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1260		mg/kg	0.0261	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	NJDEP Non-residential Direct Contact Soil Cleanup Criterion*	Units	B3C	B3D	B4A	B4B	B4C	B4D	B4D-Duplicate
Date Collected			7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008	7/22/2008
Sample Depth (feet below grade)			2.5-3.0	3.5-4.0	0.5-1.0	1.5-2.0	2.5-3.0	3.5-4.0	3.5-4.0
ANALYTE / Lab ID			8024511	8024512	8024513	8024514	8024515	8024516	8024517
Arochlor 1016	2	mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1221		mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1232		mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1242		mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1248		mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1254		mg/kg	ND	ND	ND	ND	ND	ND	ND
Arochlor 1260		mg/kg	ND	ND	0.0489	0.0160	ND	ND	ND

Notes:
* The Soil Cleanup Criterion includes the sum of all Arochlor concentrations
mg/kg = milligrams per kilogram (dry weight basis)

Table 2. Summary of PCBs in Post-excavation and Surficial Soil Samples
Site CW-7 (Building 2000)
Fort Monmouth, New Jersey

Sample ID	NJDEP Non-residential Direct Contact Soil Cleanup Criterion*	Units	PX1	PX2	PX3	PX4	PX5	PX5-Duplicate	B1	B2	B3	B4
Date Collected			7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008	7/30/2008
Sample Depth (feet below grade)			5.0-5.5	4.5-5.0	5.5-6.0	4.5-5.0	5.5-6.0	5.5-6.0	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5
ANALYTE / Lab ID			8026901	8026902	8026903	8026904	8026905	8026906	8026910	8026907	8026908	8026909
Arochlor 1016	2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1221		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1232		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1242		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1248		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1254		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arochlor 1260		mg/kg	ND	ND	0.062	ND	ND	ND	ND	ND	ND	ND

Notes:
* The Soil Cleanup Criterion includes the sum of all Arochlor concentrations
mg/kg = milligrams per kilogram (dry weight basis)

Table 3. Summary of PCBs in Sediment Samples
Site CW-7 (Building 2000)
Fort Monmouth, New Jersey

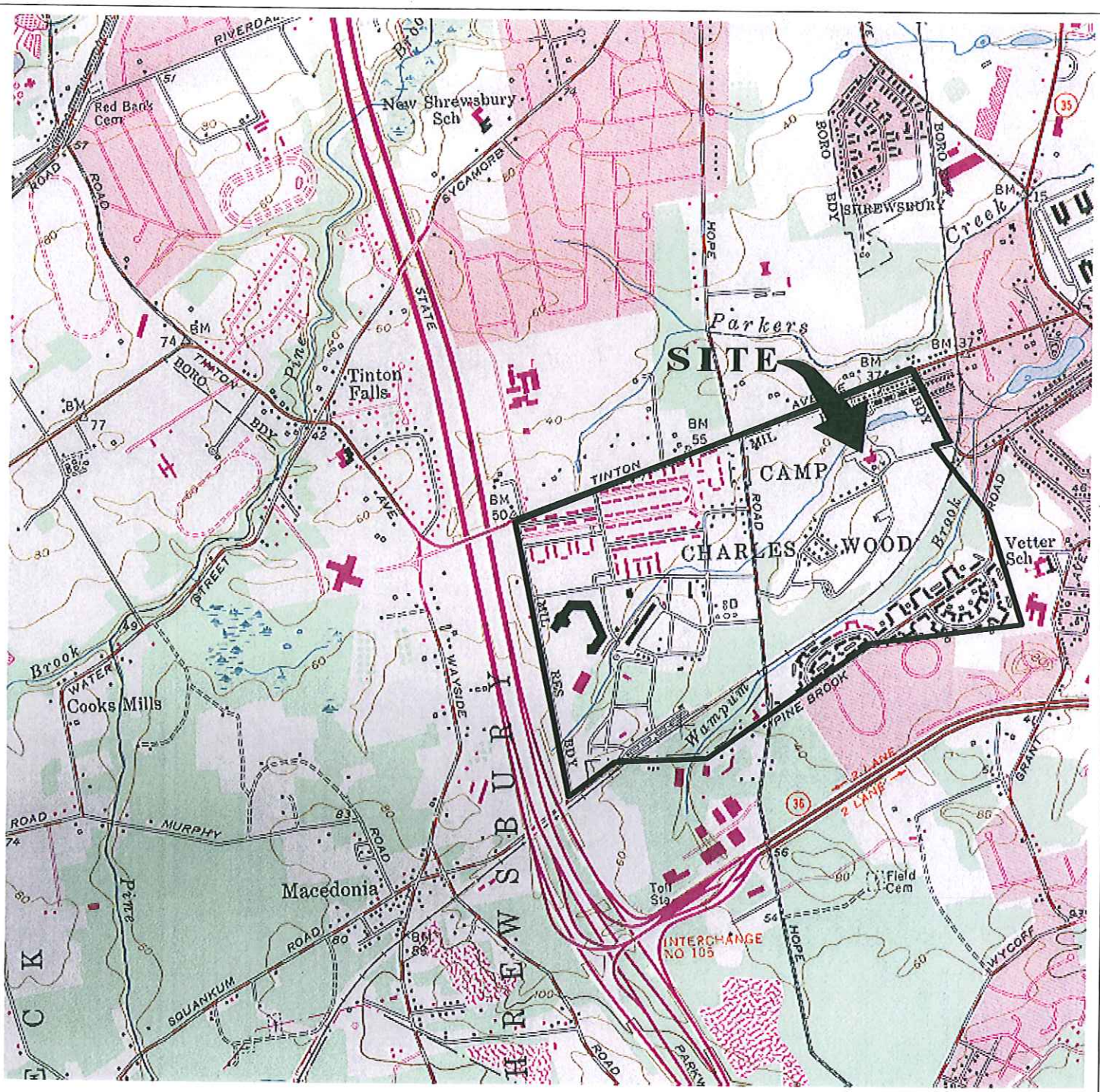
Sample ID	NJDEP Lowest Effects Level	Units	Sed-1A	Sed-1B	Sed-2A	Sed-2A Duplicate
Date Collected			7/30/2008	7/30/2008	7/30/2008	7/30/2008
Sample Depth (feet below grade)			0.0-0.5	0.5-1.0	0.0-0.5	0.0-0.5
ANALYTE / Lab ID			8027101	8027102	8027103	8027104
Arochlor 1016	0.007	mg/kg	ND	ND	ND	ND
Arochlor 1221	No standard	mg/kg	ND	ND	ND	ND
Arochlor 1232	No standard	mg/kg	ND	ND	ND	ND
Arochlor 1242	No standard	mg/kg	ND	ND	ND	ND
Arochlor 1248	0.03	mg/kg	ND	ND	ND	ND
Arochlor 1254	0.06	mg/kg	ND	ND	ND	ND
Arochlor 1260	0.005	mg/kg	ND	ND	ND	ND

Notes:

mg/kg = milligrams per kilogram (dry weight basis)

The NJDEP Lowest Effects Levels for total PCBs is 0.07 mg/kg

Figures



LONG BRANCH, N. J.

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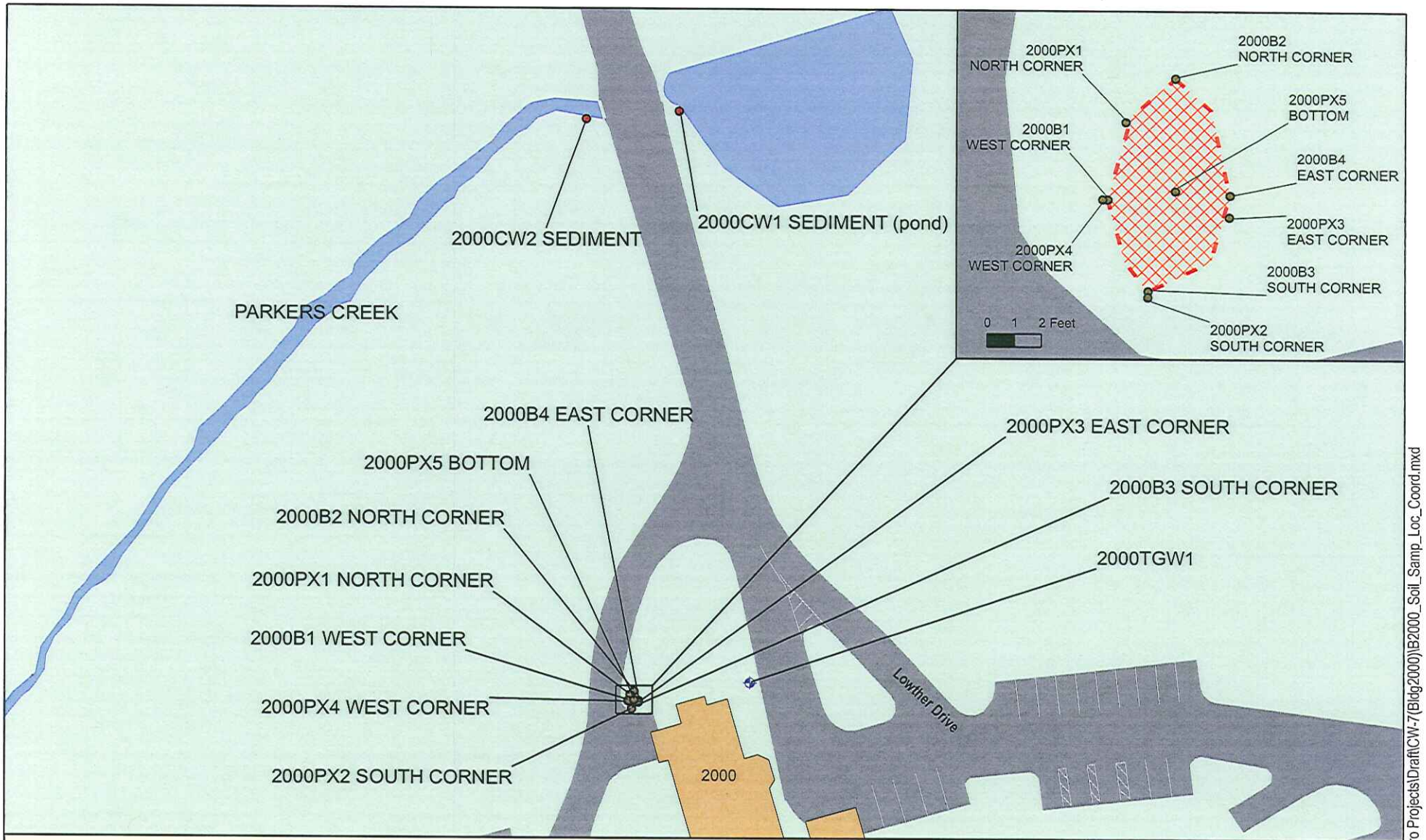
0 1,000 2,000 Feet

QUADRANGLE LOCATION

Mapped, edited and published by the Geological Survey

Figure 1
Site Location Map
CW-7 Site Charles Wood Area
Fort Monmouth, New Jersey

U.S. Army Garrison Fort Monmouth Department of Public Works



0 25 50 100
Feet

Figure 2
Soil Sample Location Map
Site CW-7 Charles Wood Area

N
W E
S

Legend

- Soil Sample Locations
- Sediment Sample Locations
- Temporary Monitoring Point
- Approximate Limits of Excavation
- Water Body
- Existing Structure
- Roads

Map Created by:
Fort Monmouth Installation GIO, Environmental Division
Fort Monmouth, New Jersey
24 February 2010
All drawings must be field verified.

U:\GIS\GIS Maps\WH\Enviro Projects\Draft\CW-7(Bldg2000)\B2000_Soil_Samp_Loc_Coord.mxd

Attachment 1

Laboratory Analytical Report

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2000

Bldg. 2000

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Bldg. 2000 B1A 0.5-1.0'	8024501	Soil	22-Jul-08	07/22/08
Bldg. 2000 B1B 1.5-2.0'	8024502	Soil	22-Jul-08	07/22/08
Bldg. 2000 B1C 2.5-3.0'	8024503	Soil	22-Jul-08	07/22/08
Bldg. 2000 B1D 3.5-4.0'	8024504	Soil	22-Jul-08	07/22/08
Bldg. 2000 B2A 0.5-1.0'	8024505	Soil	22-Jul-08	07/22/08
Bldg. 2000 B2B 1.5-2.0'	8024506	Soil	22-Jul-08	07/22/08
Bldg. 2000 B2C 2.5-3.0'	8024507	Soil	22-Jul-08	07/22/08
Bldg. 2000 B2D 3.5-4.0'	8024508	Soil	22-Jul-08	07/22/08
Bldg. 2000 B3A 0.5-1.0'	8024509	Soil	22-Jul-08	07/22/08
Bldg. 2000 B3B 1.5-2.0'	8024510	Soil	22-Jul-08	07/22/08
Bldg. 2000 B3C 2.5-3.0'	8024511	Soil	22-Jul-08	07/22/08
Bldg. 2000 B3D 3.5-4.0'	8024512	Soil	22-Jul-08	07/22/08
Bldg. 2000 B4A 0.5-1.0'	8024513	Soil	22-Jul-08	07/22/08
Bldg. 2000 B4B 1.5-2.0'	8024514	Soil	22-Jul-08	07/22/08
Bldg. 2000 B4C 2.5-3.0'	8024515	Soil	22-Jul-08	07/22/08
Bldg. 2000 B4D 3.5-4.0'	8024516	Soil	22-Jul-08	07/22/08
Bldg. 2000 Duplicate	8024517	Soil	22-Jul-08	07/22/08
Bldg. 2000 PX1 North Corner 5.0-5.5'	8026901	Soil	30-Jul-08 11:00	07/30/08
Bldg. 2000 PX2 South Corner 4.5-5.0'	8026902	Soil	30-Jul-08 11:07	07/30/08
Bldg. 2000 PX3 East Corner 5.5-6.0'	8026903	Soil	30-Jul-08 11:13	07/30/08
Bldg. 2000 PX4 West Corner 4.5-5.0'	8026904	Soil	30-Jul-08 11:18	07/30/08
Bldg. 2000 PX5 Bottom 5.5-6.0'	8026905	Soil	30-Jul-08 11:24	07/30/08
Bldg. 2000 Duplicate 5.5-6.0'	8026906	Soil	30-Jul-08 11:24	07/30/08
Bldg. 2000 B2 North Corner 0-0.5'	8026907	Soil	30-Jul-08 11:32	07/30/08
Bldg. 2000 B3 South Corner 0-0.5'	8026908	Soil	30-Jul-08 11:36	07/30/08
Bldg. 2000 B4 East Corner 0-0.5'	8026909	Soil	30-Jul-08 11:42	07/30/08
Bldg. 2000 B1 West Corner 0-0.5'	8026910	Soil	30-Jul-08 11:50	07/30/08
Bldg. 2000 CW1 Sed-1A 0-0.5'	8027101	Sediment	30-Jul-08 13:30	07/31/08
Bldg. 2000 CW1 Sed-1B 0.5-1.0'	8027102	Sediment	30-Jul-08 13:40	07/31/08
Bldg. 2000 CW2 Sed-2A 0-0.5'	8027103	Sediment	30-Jul-08 13:50	07/31/08
Bldg. 2000 CW2 Duplicate 0-0.5'	8027104	Sediment	30-Jul-08 13:50	07/31/08

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

SAMPLE LOCATION AND IDENTIFICATION

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

Jacqueline Hamer 8/15/08
Jacqueline Hamer/Date
QA/QC Supervisor

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

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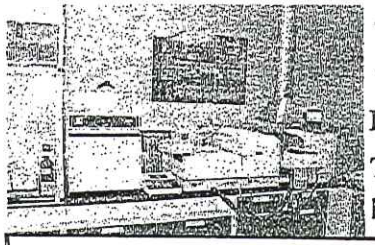
CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: B. 2000

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location		Date	Time	Sample Type	# bottles	Analysis Parameters: RCB								Comments: Remarks / Preservation Method
80245.01	B.2000	B1A	07-22-08		Soil	1	X								0.5 – 1.0
.02	B.2000	B1B	07-22-08		Soil	1	X								1.5 – 2.0
.03	B.2000	B1C	07-22-08		Soil	1	X								2.5 – 3.0
.04	B.2000	B1D	07-22-08		Soil	1	X								3.5 – 4.0
.05	B.2000	B2A	07-22-08		Soil	1	X								0.5 – 1.0
.06	B-2000	B2B	07-22-08		Soil	1	X								1.5 – 2.0
.07	B.2000	B2C	07-22-08		Soil	1	X								2.5 – 3.0
.08	B.2000	B2D	07-22-08		Soil	1	X								3.5 – 4.0
.09	B.2000	B3A	07-22-08		Soil	1	X								0.5 – 1.0
.10	B.2000	B3B	07-22-08		Soil	1	X								1.5 – 2.0
.11	B.2000	B3C	07-22-08		Soil	1	X								2.5 – 3.0
.12	B.2000	B3D	07-22-08		Soil	1	X								3.5 – 4.0
.13	B.2000	B4A	07-22-08		Soil	1	X								0.5 – 1.0
.14	B.2000	B4B	07-22-08		Soil	1	X								0.5 – 2.0

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[signature]	07/22/08 13:35	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 14 Days, ( )ASAP Verbal ____ Hrs.

Remarks: Results DUE 7/28/08

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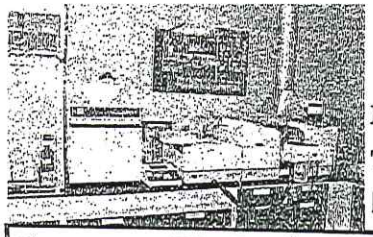

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:jacqueline.hamer@us.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: B.2000

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: CUB								Comments: Remarks / Preservation Method
80245.15	B.2000 B4C	07-22-08		Soil	1	X								2.5-3.0
.16	B2000 B4D*	07-22-08		Soil	1	X								3.5-4.0
.17	B2000 DUP	07-22-08		Soil	1	X								

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Walter Funk	07/22/08 13:35	J. Allen			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, (X)Rush 4 Days, ( )ASAP Verbal ___Hrs.

Remarks:

print legibly

000003

SAMPLE RECEIPT FORM

Date Received: 7-22-08 Work Order ID#: 80245

Site/Proj. Name: Bldg 2000 Cooler Temp (°C): ICE

Received By: J. Cerqua Sign: J. Cerqua
(Print name)

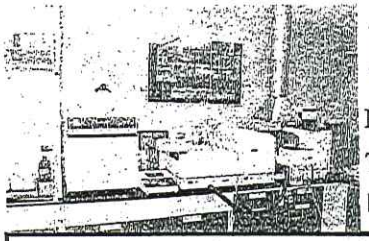
Check the appropriate box

1. Did the samples come in a cooler? ☑ yes ☐ no ☐ n/a
2. Were samples rec'd in good condition? ☑ yes ☐ no
3. Was the chain of custody filled out correctly and legibly? ☑ yes ☐ no
4. Was the chain of custody signed in the appropriate place? ☑ yes ☐ no
5. Did the labels agree with the chain of custody? ☑ yes ☐ no
6. Were the correct containers/preservatives used? ☑ yes ☐ no
7. Was a sufficient amount of sample supplied? ☑ yes ☐ no
8. Were air bubbles present in VOA vials? ☐ yes ☐ no ☑ n/a
9. Were samples received on ice? ☑ yes ☐ no
10. Were analyze-immediately tests perform within 15 minutes ☐ yes ☐ no ☑ n/a

Fill out the following table for each sample bottle

Lims ID	pH	Preservative	Sample ID	pH	Preservative

Comments:



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: X26223
( )DERA ( )OMA (X)Other:_____

Project No: 08-139182
Location: B. 2000

Samplers Name / Company: FRANK ACCORSI /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	PCBs							DEPTH (FT)	Remarks / Preservation Method
802169 01	2000-PX1, NORTH CORNER	7-30-08	1100	SOIL	1	X							5-5.5	ICE
02	2000-PX2, SOUTH CORNER		1107			X							4.5-5	
03	2000-PX3, EAST CORNER		1113			X							5.5-6	
04	2000-PX4, WEST CORNER		1118			X							4.5-5	
05	2000-PX5, BOTTOM		1124			X							5.5-6	
06	2000-DUPLICATE		1124			X							5.5-6	
07	2000-NORTH CORNER		1132			X							0-0.5	
08	2000-SOUTH CORNER		1136			X							0-0.5	
09	2000-EAST CORNER		1142			X							0-0.5	
10	2000-WEST CORNER		1150			X							0-0.5	

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Frank Accorsi	7-30-08 1200	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, (X)Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush ASAP Days, ( )ASAP Verbal ____Hrs.

Remarks:

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COC.XLS7/8/2008

SAMPLE RECEIPT FORM

Date Received: 7/30/08 Work Order ID#: 80269

Site/Proj. Name: Bldg 2000 Cooler Temp (°C): Ice

Received By: J Hoeme Sign: J Hoeme
(Print name)

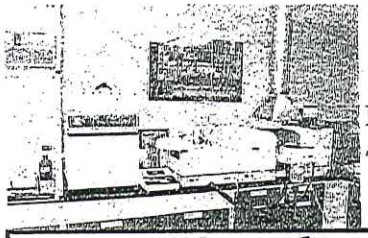
Check the appropriate box

1. Did the samples come in a cooler? ☒ yes ☐ no ☐ n/a
2. Were samples rec'd in good condition? ☒ yes ☐ no
3. Was the chain of custody filled out correctly and legibly? ☒ yes ☐ no
4. Was the chain of custody signed in the appropriate place? ☒ yes ☐ no
5. Did the labels agree with the chain of custody? ☒ yes ☐ no
6. Were the correct containers/preservatives used? ☒ yes ☐ no
7. Was a sufficient amount of sample supplied? ☒ yes ☐ no
8. Were air bubbles present in VOA vials? ☐ yes ☐ no ☒ n/a
9. Were samples received on ice? ☒ yes ☐ no
10. Were analyze-immediately tests perform within 15 minutes ☐ yes ☐ no ☒ n/a

Fill out the following table for each sample bottle

Lims ID	pH	Preservative	Sample ID	pH	Preservative

Comments:



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: 80271
Location: 2000

Samplers Name / Company: WALTER FUNK / TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
80271 .01	CW-7 -1 SED-1A	07-30-08	13:30	SED	1	X								0-6
.02	CW-7 1 SED-1B	07-30-08	13:40	SED	1	X								6-12
.03	CW-7 2 SED-2A	07-30-08	13:50	SED	1	X								0-6
.04	CW-7 DUP	07-30-08	13:50	SED	1	X								0-6

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	07/31/08 7:30	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, (✓)Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, (✓)ASAP Verbal ____Hrs.

Remarks:

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Page ____ of _____

COC.XLS7/8/2008

000007

SAMPLE RECEIPT FORM

Date Received: 7/30/08 Work Order ID#: 80271

Site/Proj. Name: Bldg 2000 Cooler Temp (°C): Ice

Received By: J Hamon Sign: J Hamon
(Print name)

Check the appropriate box

1. Did the samples come in a cooler? ☒ yes ☐ no ☐ n/a
2. Were samples rec'd in good condition? ☒ yes ☐ no
3. Was the chain of custody filled out correctly and legibly? ☒ yes ☐ no
4. Was the chain of custody signed in the appropriate place? ☒ yes ☐ no
5. Did the labels agree with the chain of custody? ☒ yes ☐ no
6. Were the correct containers/preservatives used? ☒ yes ☐ no
7. Was a sufficient amount of sample supplied? ☒ yes ☐ no
8. Were air bubbles present in VOA vials? ☐ yes ☐ no ☒ n/a
9. Were samples received on ice? ☒ yes ☐ no
10. Were analyze-immediately tests perform within 15 minutes ☐ yes ☐ no ☒ n/a

Fill out the following table for each sample bottle

Lims ID	pH	Preservative	Sample ID	pH	Preservative

Comments:

GPS COORDINATES

U.S. ARMY - FT. MONMOUTH, NJ

BUILDING 2000- GIBBS HALL

SOIL SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 1983, NJ (NY EAST) 2900, NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

POSITION/DESCRIPTION	Y COORDINATE (NORTHING)	X COORDINATE (EASTING)
2000B1 WEST CORNER	535296.975	611186.338
2000B2 NORTH CORNER	535301.467	611188.801
2000B3 SOUTH CORNER	535293.588	611187.808
2000B4 EAST CORNER	535297.143	611190.793
2000PX1 NORTH CORNER	535299.852	611186.997
2000PX2 SOUTH CORNER	535293.371	611187.803
2000PX3 EAST CORNER	535296.335	611190.769
2000PX4 WEST CORNER	535296.982	611186.151
2000PX5 BOTTOM	535297.304	611188.809
2000CW1 SEDIMENT(pond)	535564.294	611208.465
2000CW2 SEDIMEMT	535560.661	611166.722
2000TGW1	535305.569	611240.859

METHOD SUMMARY

Method Summary

EPA SW-846 Method 8082
Gas Chromatographic Determination of PCB's in Soil

Surrogates are added to a 10-gram soil sample, which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 10 ml. Internal standards are added and the extract is injected into a GC/ECD system. PCB's are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

CONFORMANCE/ NON-CONFORMANCE SUMMARY

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT

		Indicate Yes, No, N/A
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks)	yes
2.	Retention times for chromatograms provided	yes
3.	Standards Summary Meet Criteria	yes
4.	Calibration – Initial Calibration performed before sample analysis and continuing calibration performed within 12 hours of sample analysis	yes
5.	Blank Contamination – If yes, list compounds and concentrations in each blank:	no
	a. VOA Fraction NA	
	b. B/N Fraction NA	
	c. Acid Fraction NA	
	d. Pesticide/PCB's	
	e. Other	
6.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range:	yes
	a. VOA Fraction NA	
	b. B/N Fraction NA	
	c. Acid Fraction NA	
	d. Pesticide/PCB's	
	e. Other	
	If not met, were the calculations checked and the results qualified as "estimated"?	
7.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range	yes
	a. VOA Fraction NA	
	f. B/N Fraction NA	
	g. Acid Fraction NA	
	h. Pesticide/PCB's	
	i. Other	
8.	Retention Time Summary for primary and confirmation analyses meet criteria	yes
9.	Were samples run on dissimilar columns?	yes

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT (CONTINUED)

Indicate
Yes, No, N/A

10. Extraction Holding Time Met yes

If not met, list number of days exceeded for each sample: _____

11. Analysis Holding Time Met yes

If not met, list number of days exceeded for each sample: _____

Additional Comments: _____

Laboratory Manager: [signature] Date: 8/15/08

PCB's

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	Method Blank	Ext. Batch:	07230801
Lab ID:	MB07230801	Date Extracted:	7/23/2008
Filename:	007240810.D	Date Analyzed:	7/24/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.050	2		0.0290
11104-28-2	Arochlor 1221	ND	0.050	2		0.0230
11141-16-5	Arochlor 1232	ND	0.050	2		0.0230
53469-21-9	Arochlor 1242	ND	0.050	2		0.0180
12672-29-6	Arochlor 1248	ND	0.050	2		0.0085
11097-69-1	Arochlor 1254	ND	0.050	2		0.0110
11096-82-5	Arochlor 1260	ND	0.050	2		0.0140

% Solids	100
Initial Mass (g)	10.00
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	Method Blank	Ext. Batch:	07310801
Lab ID:	MB07310801	Date Extracted:	7/31/2008
Filename:	07310806.D	Date Analyzed:	7/31/2008
Lab Project :	80271	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.050	2		0.0290
11104-28-2	**Arochlor 1221**	ND	0.050	2		0.0230
11141-16-5	**Arochlor 1232**	ND	0.050	2		0.0230
53469-21-9	**Arochlor 1242**	ND	0.050	2		0.0180
12672-29-6	**Arochlor 1248**	ND	0.050	2		0.0085
11097-69-1	**Arochlor 1254**	ND	0.050	2		0.0110
11096-82-5	**Arochlor 1260**	ND	0.050	2		0.0140

% Solids	100
Initial Mass (g)	10.00
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B1A	Ext. Batch:	07230801
Lab ID:	8024501	Date Extracted:	7/23/2008
Filename:	07240820.D	Date Analyzed:	7/24/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.056	2		0.0324
11104-28-2	Arochlor 1221	ND	0.056	2		0.0257
11141-16-5	Arochlor 1232	ND	0.056	2		0.0257
53469-21-9	Arochlor 1242	ND	0.056	2		0.0201
12672-29-6	Arochlor 1248	ND	0.056	2		0.0095
11097-69-1	Arochlor 1254	ND	0.056	2		0.0123
11096-82-5	Arochlor 1260	.0261	0.056	2		0.0156

% Solids	89.51
Initial Mass (g)	9.98
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B1B	Ext. Batch:	07230801
Lab ID:	8024502	Date Extracted:	7/23/2008
Filename:	07240824.D	Date Analyzed:	7/24/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.056	2		0.0325
11104-28-2	**Arochlor 1221**	ND	0.056	2		0.0258
11141-16-5	**Arochlor 1232**	ND	0.056	2		0.0258
53469-21-9	**Arochlor 1242**	ND	0.056	2		0.0202
12672-29-6	**Arochlor 1248**	ND	0.056	2		0.0095
11097-69-1	**Arochlor 1254**	ND	0.056	2		0.0123
11096-82-5	**Arochlor 1260**	ND	0.056	2		0.0157

% Solids	89.12	
Initial Mass (g)		9.82
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B1C	Ext. Batch:	07230801
Lab ID:	8024503	Date Extracted:	7/23/2008
Filename:	07240825.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.057	2		0.0331
11104-28-2	**Arochlor 1221**	ND	0.057	2		0.0262
11141-16-5	**Arochlor 1232**	ND	0.057	2		0.0262
53469-21-9	**Arochlor 1242**	ND	0.057	2		0.0205
12672-29-6	**Arochlor 1248**	ND	0.057	2		0.0097
11097-69-1	**Arochlor 1254**	ND	0.057	2		0.0125
11096-82-5	**Arochlor 1260**	ND	0.057	2		0.0160

% Solids	87.69
Initial Mass (g)	10.25
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B1D	Ext. Batch:	07230801
Lab ID:	8024504	Date Extracted:	7/23/2008
Filename:	07240826.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.067	2		0.0389
11104-28-2	Arochlor 1221	ND	0.067	2		0.0308
11141-16-5	Arochlor 1232	ND	0.067	2		0.0308
53469-21-9	Arochlor 1242	ND	0.067	2		0.0241
12672-29-6	Arochlor 1248	ND	0.067	2		0.0114
11097-69-1	Arochlor 1254	ND	0.067	2		0.0147
11096-82-5	Arochlor 1260	ND	0.067	2		0.0188

% Solids	74.59
Initial Mass (g)	9.67
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B2A	Ext. Batch:	07230801
Lab ID:	8024505	Date Extracted:	7/23/2008
Filename:	07240827.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.056	2		0.0326
11104-28-2	**Arochlor 1221**	ND	0.056	2		0.0259
11141-16-5	**Arochlor 1232**	ND	0.056	2		0.0259
53469-21-9	**Arochlor 1242**	ND	0.056	2		0.0202
12672-29-6	**Arochlor 1248**	ND	0.056	2		0.0096
11097-69-1	**Arochlor 1254**	ND	0.056	2		0.0124
11096-82-5	**Arochlor 1260**	ND	0.056	2		0.0157

% Solids	88.96	
Initial Mass (g)		9.90
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B2B	Ext. Batch:	07230801
Lab ID:	8024506	Date Extracted:	7/23/2008
Filename:	07240828.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.056	2		0.0324
11104-28-2	**Arochlor 1221**	ND	0.056	2		0.0257
11141-16-5	**Arochlor 1232**	ND	0.056	2		0.0257
53469-21-9	**Arochlor 1242**	ND	0.056	2		0.0201
12672-29-6	**Arochlor 1248**	ND	0.056	2		0.0095
11097-69-1	**Arochlor 1254**	ND	0.056	2		0.0123
11096-82-5	**Arochlor 1260**	ND	0.056	2		0.0157

% Solids	89.38	
Initial Mass (g)		9.68
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B2C	Ext. Batch:	07230801
Lab ID:	8024507	Date Extracted:	7/23/2008
Filename:	07240830.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.065	2		0.0379
11104-28-2	**Arochlor 1221**	ND	0.065	2		0.0300
11141-16-5	**Arochlor 1232**	ND	0.065	2		0.0300
53469-21-9	**Arochlor 1242**	ND	0.065	2		0.0235
12672-29-6	**Arochlor 1248**	ND	0.065	2		0.0111
11097-69-1	**Arochlor 1254**	ND	0.065	2		0.0144
11096-82-5	**Arochlor 1260**	ND	0.065	2		0.0183

% Solids	76.57
Initial Mass (g)	9.87
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B2D	Ext. Batch:	07230801
Lab ID:	8024508	Date Extracted:	7/23/2008
Filename:	07240831.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.069	2		0.0398
11104-28-2	**Arochlor 1221**	ND	0.069	2		0.0316
11141-16-5	**Arochlor 1232**	ND	0.069	2		0.0316
53469-21-9	**Arochlor 1242**	ND	0.069	2		0.0247
12672-29-6	**Arochlor 1248**	ND	0.069	2		0.0117
11097-69-1	**Arochlor 1254**	ND	0.069	2		0.0151
11096-82-5	**Arochlor 1260**	ND	0.069	2		0.0192

% Solids	72.79
Initial Mass (g)	10.32
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B3A	Ext. Batch:	07230801
Lab ID:	8024509	Date Extracted:	7/23/2008
Filename:	07240832.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.052	2		0.0302
11104-28-2	**Arochlor 1221**	ND	0.052	2		0.0240
11141-16-5	**Arochlor 1232**	ND	0.052	2		0.0240
53469-21-9	**Arochlor 1242**	ND	0.052	2		0.0188
12672-29-6	**Arochlor 1248**	ND	0.052	2		0.0089
11097-69-1	**Arochlor 1254**	ND	0.052	2		0.0115
11096-82-5	**Arochlor 1260**	ND	0.052	2		0.0146

% Solids	95.94	
Initial Mass (g)	9.91	
Final Vol.(ml)	10	

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B3B	Ext. Batch:	07230801
Lab ID:	8024510	Date Extracted:	7/23/2008
Filename:	07240833.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.052	2		0.0304
11104-28-2	Arochlor 1221	ND	0.052	2		0.0241
11141-16-5	Arochlor 1232	ND	0.052	2		0.0241
53469-21-9	Arochlor 1242	ND	0.052	2		0.0189
12672-29-6	Arochlor 1248	ND	0.052	2		0.0089
11097-69-1	Arochlor 1254	ND	0.052	2		0.0115
11096-82-5	Arochlor 1260	ND	0.052	2		0.0147

% Solids	95.39	
Initial Mass (g)	10.29	
Final Vol.(ml)	10	

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B3C	Ext. Batch:	07230801
Lab ID:	8024511	Date Extracted:	7/23/2008
Filename:	07240834.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.057	2		0.0332
11104-28-2	**Arochlor 1221**	ND	0.057	2		0.0263
11141-16-5	**Arochlor 1232**	ND	0.057	2		0.0263
53469-21-9	**Arochlor 1242**	ND	0.057	2		0.0206
12672-29-6	**Arochlor 1248**	ND	0.057	2		0.0097
11097-69-1	**Arochlor 1254**	ND	0.057	2		0.0126
11096-82-5	**Arochlor 1260**	ND	0.057	2		0.0160

% Solids	87.32
Initial Mass (g)	9.73
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B3D	Ext. Batch:	07230801
Lab ID:	8024512	Date Extracted:	7/23/2008
Filename:	07240835.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.064	2		0.0372
11104-28-2	Arochlor 1221	ND	0.064	2		0.0295
11141-16-5	Arochlor 1232	ND	0.064	2		0.0295
53469-21-9	Arochlor 1242	ND	0.064	2		0.0231
12672-29-6	Arochlor 1248	ND	0.064	2		0.0109
11097-69-1	Arochlor 1254	ND	0.064	2		0.0141
11096-82-5	Arochlor 1260	ND	0.064	2		0.0180
				% Solids	77.91	
				Initial Mass (g)	9.83	
				Final Vol.(ml)	10	

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B4A	Ext. Batch:	07230801
Lab ID:	8024513	Date Extracted:	7/23/2008
Filename:	07240836.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.053	2		0.0305
11104-28-2	**Arochlor 1221**	ND	0.053	2		0.0242
11141-16-5	**Arochlor 1232**	ND	0.053	2		0.0242
53469-21-9	**Arochlor 1242**	ND	0.053	2		0.0189
12672-29-6	**Arochlor 1248**	ND	0.053	2		0.0089
11097-69-1	**Arochlor 1254**	ND	0.053	2		0.0116
11096-82-5	**Arochlor 1260**	.0489	0.053	2		0.0147

% Solids	95.22	
Initial Mass (g)		9.98
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B4B	Ext. Batch:	07230801
Lab ID:	8024514	Date Extracted:	7/23/2008
Filename:	07240837.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.051	2		0.0296
11104-28-2	**Arochlor 1221**	ND	0.051	2		0.0235
11141-16-5	**Arochlor 1232**	ND	0.051	2		0.0235
53469-21-9	**Arochlor 1242**	ND	0.051	2		0.0184
12672-29-6	**Arochlor 1248**	ND	0.051	2		0.0087
11097-69-1	**Arochlor 1254**	ND	0.051	2		0.0112
11096-82-5	**Arochlor 1260**	.0160	0.051	2		0.0143

% Solids	97.93	
Initial Mass (g)		9.92
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B4C	Ext. Batch:	07230801
Lab ID:	8024515	Date Extracted:	7/23/2008
Filename:	07240838.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.056	2		0.0324
11104-28-2	Arochlor 1221	ND	0.056	2		0.0257
11141-16-5	Arochlor 1232	ND	0.056	2		0.0257
53469-21-9	Arochlor 1242	ND	0.056	2		0.0201
12672-29-6	Arochlor 1248	ND	0.056	2		0.0095
11097-69-1	Arochlor 1254	ND	0.056	2		0.0123
11096-82-5	Arochlor 1260	ND	0.056	2		0.0156

% Solids	89.47
Initial Mass (g)	9.80
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 B4D	Ext. Batch:	07230801
Lab ID:	8024516	Date Extracted:	7/23/2008
Filename:	07240840.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.063	2		0.0365
11104-28-2	**Arochlor 1221**	ND	0.063	2		0.0290
11141-16-5	**Arochlor 1232**	ND	0.063	2		0.0290
53469-21-9	**Arochlor 1242**	ND	0.063	2		0.0227
12672-29-6	**Arochlor 1248**	ND	0.063	2		0.0107
11097-69-1	**Arochlor 1254**	ND	0.063	2		0.0139
11096-82-5	**Arochlor 1260**	ND	0.063	2		0.0176

% Solids	79.4
Initial Mass (g)	9.88
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	B. 2000	MATRIX:	Soil
Field ID:	B. 2000 DUP	Ext. Batch:	07230801
Lab ID:	8024517	Date Extracted:	7/23/2008
Filename:	07240841.D	Date Analyzed:	7/25/2008
Lab Project :	80245	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.062	2		0.0361
11104-28-2	**Arochlor 1221**	ND	0.062	2		0.0286
11141-16-5	**Arochlor 1232**	ND	0.062	2		0.0286
53469-21-9	**Arochlor 1242**	ND	0.062	2		0.0224
12672-29-6	**Arochlor 1248**	ND	0.062	2		0.0106
11097-69-1	**Arochlor 1254**	ND	0.062	2		0.0137
11096-82-5	**Arochlor 1260**	ND	0.062	2		0.0174

% Solids	80.39
Initial Mass (g)	9.86
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000-PX1, North Corner	Ext. Batch:	07310801
Lab ID:	8026901	Date Extracted:	7/31/2008
Filename:	07310808.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.064	2		0.0372
11104-28-2	Arochlor 1221	ND	0.064	2		0.0295
11141-16-5	Arochlor 1232	ND	0.064	2		0.0295
53469-21-9	Arochlor 1242	ND	0.064	2		0.0231
12672-29-6	Arochlor 1248	ND	0.064	2		0.0109
11097-69-1	Arochlor 1254	ND	0.064	2		0.0141
11096-82-5	Arochlor 1260	ND	0.064	2		0.0180

% Solids	77.89	
Initial Mass (g)		10.03
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Detected / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000-PX2, South Corner	Ext. Batch:	07310801
Lab ID:	8026902	Date Extracted:	7/31/2008
Filename:	07310812.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.064	2		0.0372
11104-28-2	Arochlor 1221	ND	0.064	2		0.0295
11141-16-5	Arochlor 1232	ND	0.064	2		0.0295
53469-21-9	Arochlor 1242	ND	0.064	2		0.0231
12672-29-6	Arochlor 1248	ND	0.064	2		0.0109
11097-69-1	Arochlor 1254	ND	0.064	2		0.0141
11096-82-5	Arochlor 1260	ND	0.064	2		0.0180

% Solids	77.98	
Initial Mass (g)		9.92
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000-PX3, East Corner	Ext. Batch:	07310801
Lab ID:	8026903	Date Extracted:	7/31/2008
Filename:	07310813.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.065	2		0.0380
11104-28-2	Arochlor 1221	ND	0.065	2		0.0301
11141-16-5	Arochlor 1232	ND	0.065	2		0.0301
53469-21-9	Arochlor 1242	ND	0.065	2		0.0236
12672-29-6	Arochlor 1248	ND	0.065	2		0.0111
11097-69-1	Arochlor 1254	ND	0.065	2		0.0144
11096-82-5	Arochlor 1260	.062	0.065	2		0.0183

% Solids	76.4
Initial Mass (g)	10.40
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000-PX4, West Corner	Ext. Batch:	07310801
Lab ID:	8026904	Date Extracted:	7/31/2008
Filename:	07310814.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.064	2		0.0373
11104-28-2	**Arochlor 1221**	ND	0.064	2		0.0296
11141-16-5	**Arochlor 1232**	ND	0.064	2		0.0296
53469-21-9	**Arochlor 1242**	ND	0.064	2		0.0231
12672-29-6	**Arochlor 1248**	ND	0.064	2		0.0109
11097-69-1	**Arochlor 1254**	ND	0.064	2		0.0141
11096-82-5	**Arochlor 1260**	ND	0.064	2		0.0180

% Solids	77.77
Initial Mass (g)	10.24
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000-PX5, Bottom	Ext. Batch:	07310801
Lab ID:	8026905	Date Extracted:	7/31/2008
Filename:	07310816.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.066	2		0.0383
11104-28-2	**Arochlor 1221**	ND	0.066	2		0.0304
11141-16-5	**Arochlor 1232**	ND	0.066	2		0.0304
53469-21-9	**Arochlor 1242**	ND	0.066	2		0.0238
12672-29-6	**Arochlor 1248**	ND	0.066	2		0.0112
11097-69-1	**Arochlor 1254**	ND	0.066	2		0.0145
11096-82-5	**Arochlor 1260**	ND	0.066	2		0.0185

% Solids	75.67
Initial Mass (g)	10.32
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000 Duplicate	Ext. Batch:	07310801
Lab ID:	8026906	Date Extracted:	7/31/2008
Filename:	07310817.D	Date Analyzed:	7/31/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.065	2		0.0378
11104-28-2	Arochlor 1221	ND	0.065	2		0.0300
11141-16-5	Arochlor 1232	ND	0.065	2		0.0300
53469-21-9	Arochlor 1242	ND	0.065	2		0.0235
12672-29-6	Arochlor 1248	ND	0.065	2		0.0111
11097-69-1	Arochlor 1254	ND	0.065	2		0.0144
11096-82-5	Arochlor 1260	ND	0.065	2		0.0183

% Solids	76.64
Initial Mass (g)	10.30
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000- North Corner	Ext. Batch:	07310801
Lab ID:	8026907	Date Extracted:	7/31/2008
Filename:	07310818.D	Date Analyzed:	8/1/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	Arochlor 1016	ND	0.056	2		0.0324
11104-28-2	Arochlor 1221	ND	0.056	2		0.0257
11141-16-5	Arochlor 1232	ND	0.056	2		0.0257
53469-21-9	Arochlor 1242	ND	0.056	2		0.0201
12672-29-6	Arochlor 1248	ND	0.056	2		0.0095
11097-69-1	Arochlor 1254	ND	0.056	2		0.0123
11096-82-5	Arochlor 1260	ND	0.056	2		0.0156

% Solids	89.53	
Initial Mass (g)		9.78
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000- South Corner	Ext. Batch:	07310801
Lab ID:	8026908	Date Extracted:	7/31/2008
Filename:	07310819.D	Date Analyzed:	8/1/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.052	2		0.0304
11104-28-2	**Arochlor 1221**	ND	0.052	2		0.0241
11141-16-5	**Arochlor 1232**	ND	0.052	2		0.0241
53469-21-9	**Arochlor 1242**	ND	0.052	2		0.0189
12672-29-6	**Arochlor 1248**	ND	0.052	2		0.0089
11097-69-1	**Arochlor 1254**	ND	0.052	2		0.0115
11096-82-5	**Arochlor 1260**	ND	0.052	2		0.0147

% Solids	95.45
Initial Mass (g)	10.35
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000- East Corner	Ext. Batch:	07310801
Lab ID:	8026909	Date Extracted:	7/31/2008
Filename:	07310820.D	Date Analyzed:	8/1/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.059	2		0.0342
11104-28-2	**Arochlor 1221**	ND	0.059	2		0.0271
11141-16-5	**Arochlor 1232**	ND	0.059	2		0.0271
53469-21-9	**Arochlor 1242**	ND	0.059	2		0.0212
12672-29-6	**Arochlor 1248**	ND	0.059	2		0.0100
11097-69-1	**Arochlor 1254**	ND	0.059	2		0.0130
11096-82-5	**Arochlor 1260**	ND	0.059	2		0.0165

% Solids	84.79	
Initial Mass (g)		9.90
Final Vol.(ml)		10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	08-139182	MATRIX:	Soil
Field ID:	2000- West Corner	Ext. Batch:	07310801
Lab ID:	8026910	Date Extracted:	7/31/2008
Filename:	07310821.D	Date Analyzed:	8/1/2008
Lab Project :	80269	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.053	2		0.0306
11104-28-2	**Arochlor 1221**	ND	0.053	2		0.0243
11141-16-5	**Arochlor 1232**	ND	0.053	2		0.0243
53469-21-9	**Arochlor 1242**	ND	0.053	2		0.0190
12672-29-6	**Arochlor 1248**	ND	0.053	2		0.0090
11097-69-1	**Arochlor 1254**	ND	0.053	2		0.0116
11096-82-5	**Arochlor 1260**	ND	0.053	2		0.0148

% Solids	94.7
Initial Mass (g)	10.16
Final Vol.(ml)	10

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	80271	MATRIX:	Soil
Field ID:	CW-7-1SED-1A	Ext. Batch:	07310801
Lab ID:	80271-01	Date Extracted:	7/31/2008
Filename:	07310824.D	Date Analyzed:	8/1/2008
Lab Project :	80271	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.065	2		0.0379
11104-28-2	**Arochlor 1221**	ND	0.065	2		0.0300
11141-16-5	**Arochlor 1232**	ND	0.065	2		0.0300
53469-21-9	**Arochlor 1242**	ND	0.065	2		0.0235
12672-29-6	**Arochlor 1248**	ND	0.065	2		0.0111
11097-69-1	**Arochlor 1254**	ND	0.065	2		0.0144
11096-82-5	**Arochlor 1260**	ND	0.065	2		0.0183

% Solids	76.54		
Initial Mass (g)	9.61		
Final Vol.(ml)	10		

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	80271	MATRIX:	Soil
Field ID:	CW-7-1SED-1B	Ext. Batch:	07310801
Lab ID:	80271-02	Date Extracted:	7/31/2008
Filename:	07310825.D	Date Analyzed:	8/1/2008
Lab Project :	80271	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.064	2		0.0374
11104-28-2	**Arochlor 1221**	ND	0.064	2		0.0296
11141-16-5	**Arochlor 1232**	ND	0.064	2		0.0296
53469-21-9	**Arochlor 1242**	ND	0.064	2		0.0232
12672-29-6	**Arochlor 1248**	ND	0.064	2		0.0109
11097-69-1	**Arochlor 1254**	ND	0.064	2		0.0142
11096-82-5	**Arochlor 1260**	ND	0.064	2		0.0180

% Solids	77.63	
Initial Mass (g)	9.84	
Final Vol.(ml)	10	

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	80271	MATRIX:	Soil
Field ID:	CW-7-2SED-2A	Ext. Batch:	07310801
Lab ID:	80271-03	Date Extracted:	7/31/2008
Filename:	07310826.D	Date Analyzed:	8/1/2008
Lab Project :	80271	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS (mg/kg)	Reporting Limit (mg/kg)	Soil Cleanup Criteria (mg/kg)**	Qualifier	MDL (mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.065	2		0.0376
11104-28-2	**Arochlor 1221**	ND	0.065	2		0.0298
11141-16-5	**Arochlor 1232**	ND	0.065	2		0.0298
53469-21-9	**Arochlor 1242**	ND	0.065	2		0.0233
12672-29-6	**Arochlor 1248**	ND	0.065	2		0.0110
11097-69-1	**Arochlor 1254**	ND	0.065	2		0.0143
11096-82-5	**Arochlor 1260**	ND	0.065	2		0.0182

% Solids	77.11	
Initial Mass (g)	10.14	
Final Vol.(ml)	10	

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Ft. Monmouth Environmental Laboratory
173 Riverside Ave.
Ft. Monmouth, NJ 07703

Client:	Bldg. 173, SELFM-PW-EV	Location:	B. 2000
Project Name:	80271	MATRIX:	Soil
Field ID:	CW-7 DUP	Ext. Batch:	07310801
Lab ID:	80271-04	Date Extracted:	7/31/2008
Filename:	07310827.D	Date Analyzed:	8/1/2008
Lab Project :	80271	Dilution:	1
		Analyst:	JP

CAS #	COMPOUNDS	RESULTS	Reporting Limit	Soil Cleanup	Qualifier	MDL
		(mg/kg)	(mg/kg)	Criteria (mg/kg)**		(mg/kg)
12674-11-2	**Arochlor 1016**	ND	0.078	2		0.0452
11104-28-2	**Arochlor 1221**	ND	0.078	2		0.0358
11141-16-5	**Arochlor 1232**	ND	0.078	2		0.0358
53469-21-9	**Arochlor 1242**	ND	0.078	2		0.0280
12672-29-6	**Arochlor 1248**	ND	0.078	2		0.0132
11097-69-1	**Arochlor 1254**	ND	0.078	2		0.0171
11096-82-5	**Arochlor 1260**	ND	0.078	2		0.0218

% Solids	64.22		
Initial Mass (g)	9.71		
Final Vol.(ml)	10		

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

**Non-Residential Direct Contact Soil Cleanup Criteria as per N.J.A.C. 7:26D 5/12/99 for Total PCBs

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008

Calibration Files
2.5 =07150803.D 1.0 =07150804.D 0.5 =07150805.D
0.1 =07150806.D 0.05 =07150807.D

		Compound	2.5	1.0	0.5	0.1	0.05	Avg		%RSD
1)	S	Tetrachlor-m-xylene	4.619	4.264	3.733	3.709	3.872	4.039	E6	9.73
2)	L1	PCB 1016 {1}	5.784	6.202	6.056	7.514	8.400	6.791	E4	16.48
3)	L1	PCB 1016 {2}	1.032	1.117	1.110	1.413	1.574	1.249	E5	18.61
4)	L1	PCB 1016 {3}	4.613	5.061	4.873	6.003	6.592	5.429	E4	15.40
5)	L1	PCB 1016 {4}	1.404	1.396	1.267	1.498	1.589	1.431	E5	8.44
6)	L1	PCB 1016 {5}	0.753	0.780	0.745	0.914	1.014	0.841	E5	14.07
7)	L1	PCB 1016 Total	4.229	4.419	4.215	5.177	5.677	4.743	E5	13.77
8)	L2	PCB 1260 {1}	1.431	1.441	1.380	1.651	1.720	1.524	E5	9.88
9)	L2	PCB 1260 {2}	2.538	2.510	2.289	2.287	2.354	2.395	E5	5.05
10)	L2	PCB 1260 {3}	7.248	7.988	7.824	8.533	8.107	7.940	E4	5.88
11)	L2	PCB 1260 {4}	3.340	3.207	3.099	3.084	3.244	3.195	E5	3.33
12)	L2	PCB 1260 {5}	9.288	9.837	9.483	9.230	9.329	9.433	E4	2.59
13)	L2	PCB 1260 Total	8.963	8.941	8.498	8.798	9.062	8.852	E5	2.48
14)	S	Decachlorobiphenyl	4.698	4.777	4.420	3.878	4.546	4.464	E6	7.96

Signal #2 Calibration Files
2.5 =07150803.D 1.0 =07150804.D 0.5 =07150805.D
0.1 =07150806.D 0.05 =07150807.D

		Compound	2.5	1.0	0.5	0.1	0.05	Avg		%RSD
1)	S	Tetrachlor-m-xylene	2.376	2.191	2.004	2.064	2.118	2.151	E6	6.69
2)	L1	PCB 1016 {1}	3.181	3.456	3.526	4.140	4.890	3.839	E4	17.83
3)	L1	PCB 1016 {2}	5.593	6.142	6.361	7.953	8.597	6.929	E4	18.48
4)	L1	PCB 1016 {3}	2.540	2.777	2.846	3.439	3.619	3.044	E4	15.15
5)	L1	PCB 1016 {4}	7.031	7.775	7.401	8.165	8.868	7.848	E4	9.04
6)	L1	PCB 1016 {5}	3.989	4.215	4.121	5.127	5.566	4.604	E4	15.21
7)	L1	PCB 1016 Total	2.233	2.436	2.425	2.882	3.154	2.626	E5	14.43
8)	L2	PCB 1260 {1}	7.831	7.987	7.973	9.558	9.591	8.588	E4	10.51
9)	L2	PCB 1260 {2}	0.832	0.916	0.907	1.112	1.052	0.964	E5	11.91
10)	L2	PCB 1260 {3}	6.491	7.013	6.840	6.847	7.080	6.854	E4	3.33
11)	L2	PCB 1260 {4}	1.546	1.625	1.566	1.541	1.702	1.596	E5	4.27
12)	L2	PCB 1260 {5}	5.482	4.957	6.947	6.046	5.634	5.813	E4	12.80
13)	L2	PCB 1260 Total	4.358	4.537	4.650	4.898	4.985	4.686	E5	5.50
14)	S	Decachlorobiphenyl	2.131	2.284	2.303	2.038	2.578	2.267	E6	9.06

(#) = Out of Range

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150803.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\071508\07150803.D\ECD2B.CH
Acq On : 15 Jul 2008 10:45 am Operator: JP
Sample : 2.50 ppm 1660 Inst : GC/MS Ins
Misc : PP05050801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 15 13:57 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 13:19:41 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Initial Cal.

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.04	10.48	1154.7E6	594.1E6	270.789	271.185
Spiked Amount 50.000 Range 24 - 151 Recovery =					541.58%#	542.37%#
14) S Decachlorobiphen	25.60	25.79	1174.6E6	532.8E6	245.911	233.322
Spiked Amount 50.000 Range 24 - 151 Recovery =					491.82%#	466.64%#
Target Compounds						
2) L1 PCB 1016 {1}	12.19	11.95	144.6E6	79533566	2331.600	2301.437
3) L1 PCB 1016 {2}	13.22	13.07	258.0E6	139.8E6	2309.615	2276.615
4) L1 PCB 1016 {3}	13.81	13.72	115.3E6	63508438	2278.769	2286.729
5) L1 PCB 1016 {4}	14.52	14.28	351.0E6	175.8E6	2514.086	2260.834m
6) L1 PCB 1016 {5}	15.93	15.79	188.3E6	99731411	2414.181	2366.336
7) L1 PCB 1016 Total	0.00	0.00	1057.2E6	558.4E6	2392.215m	2291.773m
8) L2 PCB 1260 {1}	18.93	18.82	357.7E6	195.8E6	2483.080	2451.208
9) L2 PCB 1260 {2}	20.27	19.30	634.5E6	208.0E6	2527.431	2270.626
10) L2 PCB 1260 {3}	21.22	20.35	181.2E6	162.3E6	2268.371	2313.882
11) L2 PCB 1260 {4}	21.83	21.61	835.1E6	386.5E6	2603.707	2378.164
12) L2 PCB 1260 {5}	24.15	23.96	232.2E6	137.1E6	2360.521	2764.803
13) L2 PCB 1260 Total	0.00	0.00	2240.7E6	1089.6E6	2506.138m	2401.626m

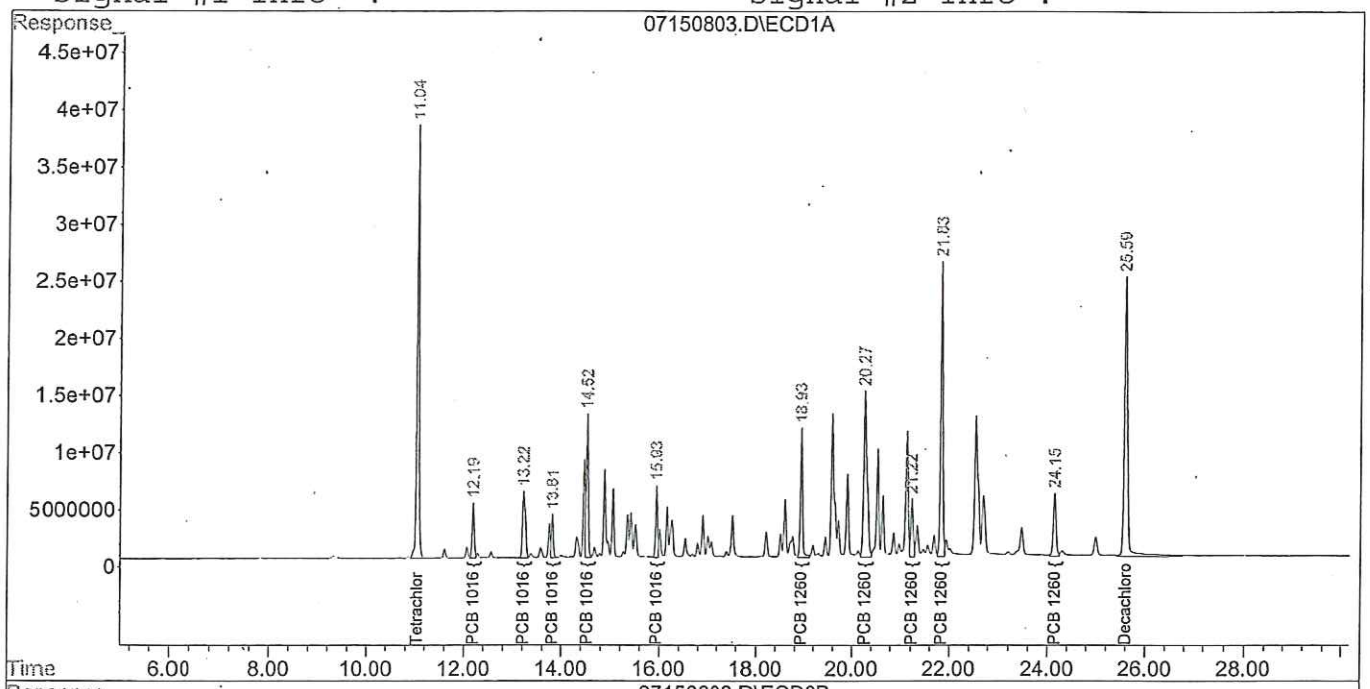
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

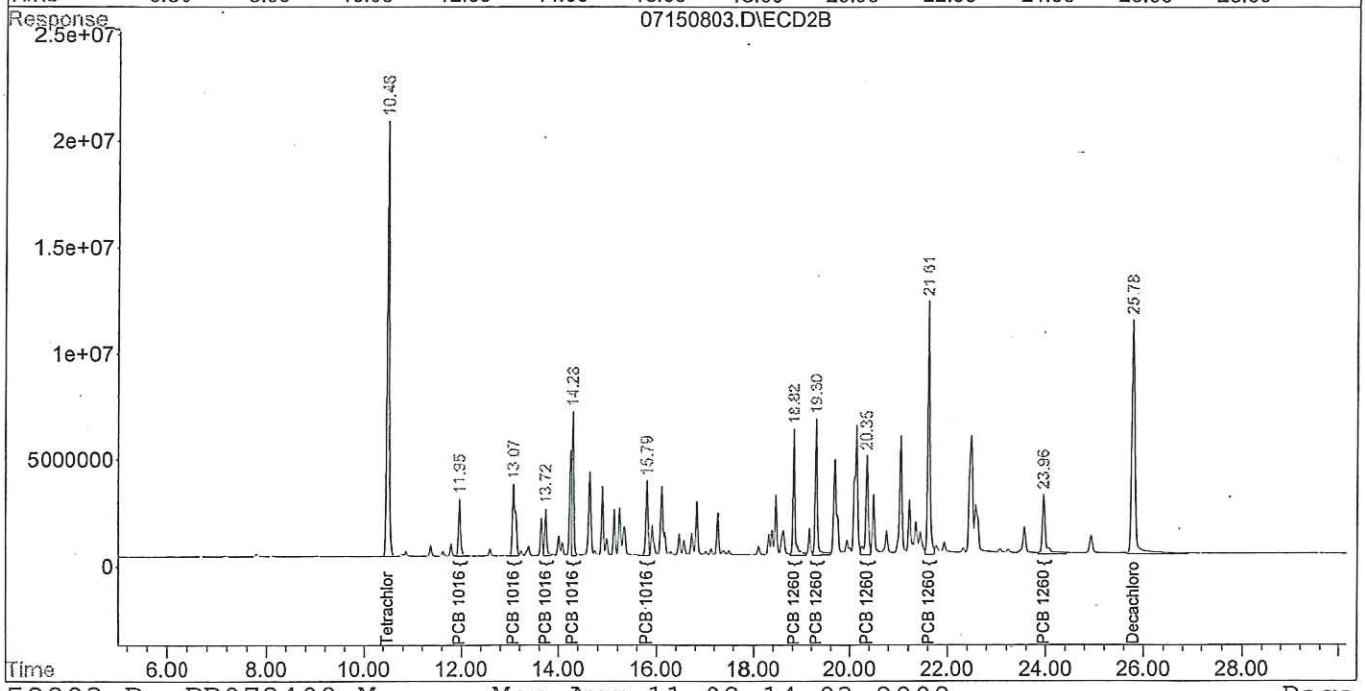
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150803.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\071508\07150803.D\ECD2B.CH
Acq On : 15 Jul 2008 10:45 am Operator: JP
Sample : 2.50 ppm 1660 Inst : GC/MS Ins
Misc : PP05050801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 15 13:57 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 13:19:41 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150804.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\071508\07150804.D\ECD2B.CH
Acq On : 15 Jul 2008 11:19 am Operator: JP
Sample : 1.0 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.05	10.50	426.4E6	219.1E6	104.191	97.902
Spiked Amount 50.000 Range 24 - 151 Recovery =					208.38%#	195.80%#
14) S Decachlorobiphen	25.61	25.80	477.7E6	228.4E6	106.433	98.920
Spiked Amount 50.000 Range 24 - 151 Recovery =					212.87%#	197.84%#
Target Compounds						
2) L1 PCB 1016 {1}	12.19	11.97	62022818	34558223	881.978	808.910
3) L1 PCB 1016 {2}	13.23	13.09	111.7E6	61415009	867.586	836.376
4) L1 PCB 1016 {3}	13.82	13.74	50609729	27772616	901.833	838.916
5) L1 PCB 1016 {4}	14.53	14.30	139.6E6	77751158	897.990	846.190
6) L1 PCB 1016 {5}	15.94	15.80	77991511	42145921	890.718	837.702
7) L1 PCB 1016 Total	0.00	0.00	441.9E6	243.6E6	887.028m	835.962m
8) L2 PCB 1260 {1}	18.94	18.83	144.1E6	79871421	773.930	760.900
9) L2 PCB 1260 {2}	20.28	19.31	251.0E6	91585886	841.734	762.832
10) L2 PCB 1260 {3}	21.23	20.36	79884494	70127476	801.692	798.259
11) L2 PCB 1260 {4}	21.84	21.62	320.7E6	162.5E6	777.018	784.993
12) L2 PCB 1260 {5}	24.16	23.98	98365620	49573692	648.024	767.091
13) L2 PCB 1260 Total	0.00	0.00	894.1E6	453.7E6	778.414m	776.129m

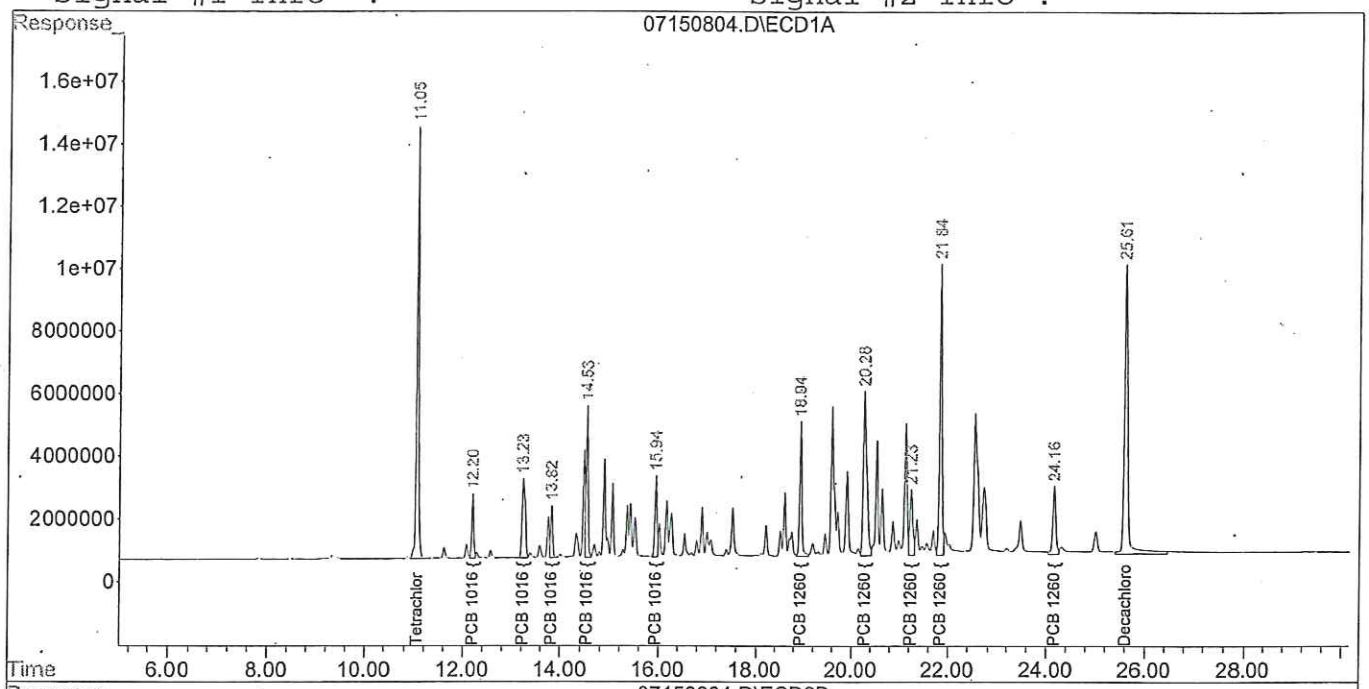
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

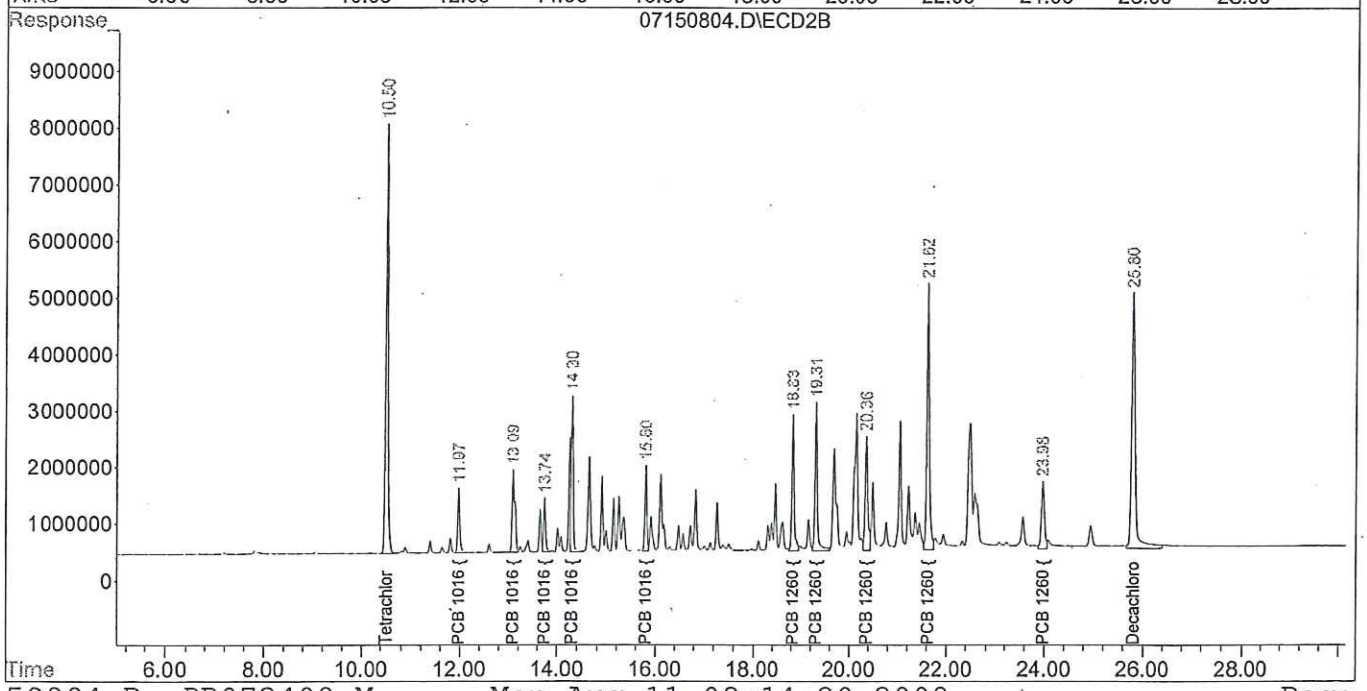
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150804.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\071508\07150804.D\ECD2B.CH
Acq On : 15 Jul 2008 11:19 am Operator: JP
Sample : 1.0 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150805.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\071508\07150805.D\ECD2B.CH
Acq On : 15 Jul 2008 11:52 am Operator: JP
Sample : 0.5 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	186.6E6	100.2E6	45.602	44.770
Spiked Amount 50.000 Range 24 - 151 Recovery =					91.20%	89.54%
14) S Decachlorobiphen	25.61	25.81	221.0E6	115.1E6	49.244	49.879
Spiked Amount 50.000 Range 24 - 151 Recovery =					98.49%	99.76%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.98	30279185	17628580	430.577	412.635
3) L1 PCB 1016 {2}	13.23	13.09	55508279	31804909	431.150	433.133
4) L1 PCB 1016 {3}	13.82	13.75	24363408	14228211	434.140	429.786
5) L1 PCB 1016 {4}	14.53	14.31	63370893	37005692	407.621	402.745
6) L1 PCB 1016 {5}	15.95	15.81	37248277	20607159	425.401	409.593
7) L1 PCB 1016 Total	0.00	0.00	210.8E6	121.3E6	423.053m	416.104m
8) L2 PCB 1260 {1}	18.95	18.84	68994988	39865323	370.631	379.779
9) L2 PCB 1260 {2}	20.29	19.32	114.4E6	45365552	383.697	377.856
10) L2 PCB 1260 {3}	21.24	20.37	39121486	34198011	392.609	389.275
11) L2 PCB 1260 {4}	21.85	21.63	154.9E6	78311563	375.350	378.260
12) L2 PCB 1260 {5}	24.17	23.98	47416973	34735196	312.379	537.484 #
13) L2 PCB 1260 Total	0.00	0.00	424.9E6	232.5E6	369.928m	397.709m

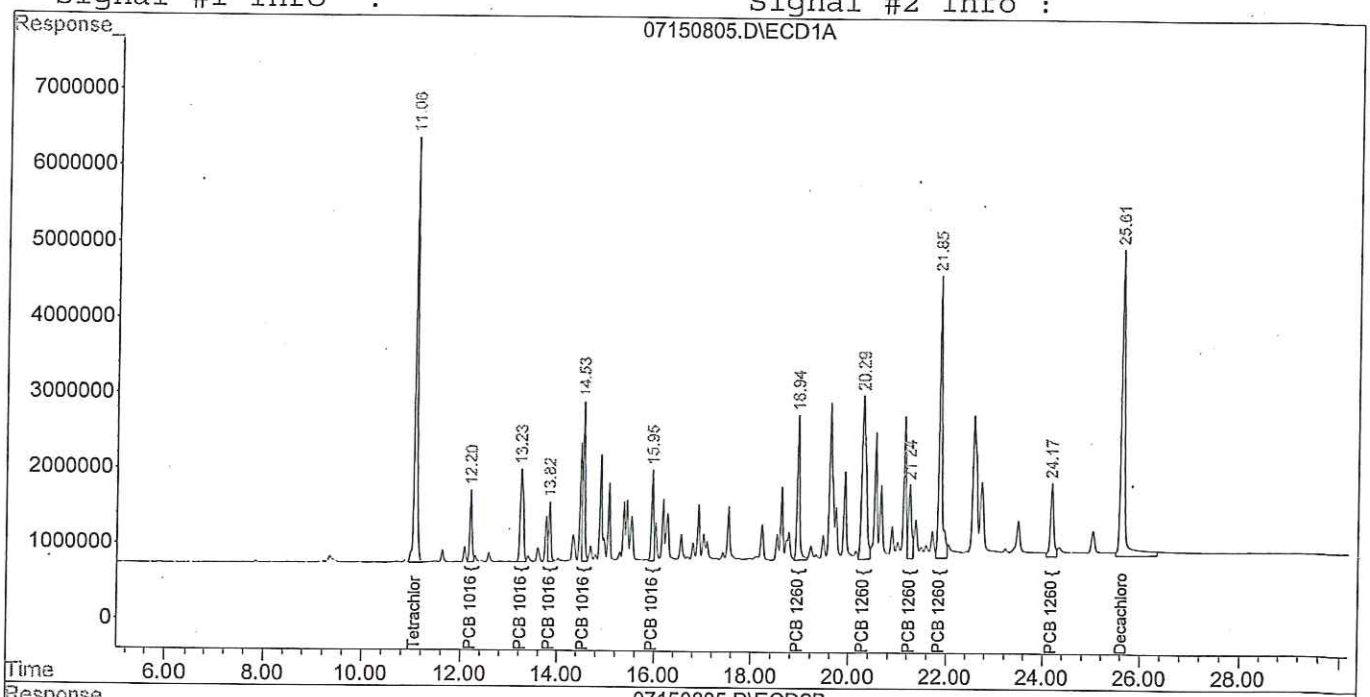
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

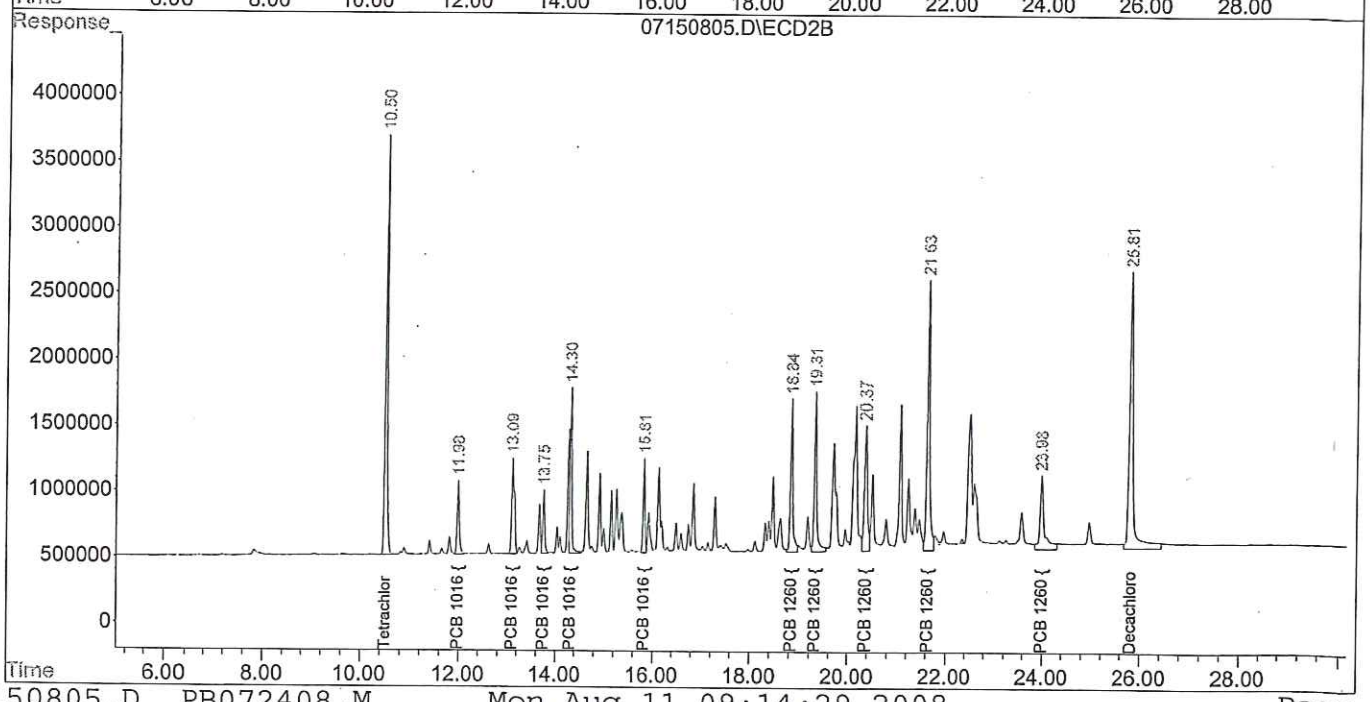
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150805.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\071508\07150805.D\ECD2B.CH
Acq On : 15 Jul 2008 11:52 am Operator: JP
Sample : 0.5 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150806.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\071508\07150806.D\ECD2B.CH
Acq On : 15 Jul 2008 12:26 pm Operator: JP
Sample : 0.1 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.51	37091092	20637486	9.063	9.223
Spiked Amount 50.000 Range 24 - 151 Recovery =					18.13%#	18.45%#
14) S Decachlorobiphen	25.62	25.81f	62125009	26429741	13.843	11.449
Spiked Amount 50.000 Range 24 - 151 Recovery =					27.69%	22.90%#
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.98	7514317	4554366	106.855	106.605
3) L1 PCB 1016 {2}	13.24	13.10	14129583	8393308	109.749	114.304
4) L1 PCB 1016 {3}	13.83	13.75	6003499	3633554	106.978	109.757
5) L1 PCB 1016 {4}	14.54	14.31	14984849	8164538	96.387	88.857
6) L1 PCB 1016 {5}	15.95	15.81	9141117	5315092	104.398	105.644
7) L1 PCB 1016 Total	0.00	0.00	51773365	30060859	103.918m	103.142m
8) L2 PCB 1260 {1}	18.95	18.84	16506444	9557542	88.670	91.050
9) L2 PCB 1260 {2}	20.29	19.32	27275277	11120692	91.459	92.626
10) L2 PCB 1260 {3}	21.24	20.37	11248394	7579328	112.885	86.275
11) L2 PCB 1260 {4}	21.86	21.64	42277924	18927245	102.421	91.422
12) L2 PCB 1260 {5}	24.17	23.99	23398656	10959252	154.148	169.581
13) L2 PCB 1260 Total	0.00	0.00	120.7E6	58144060	105.090m	99.470m

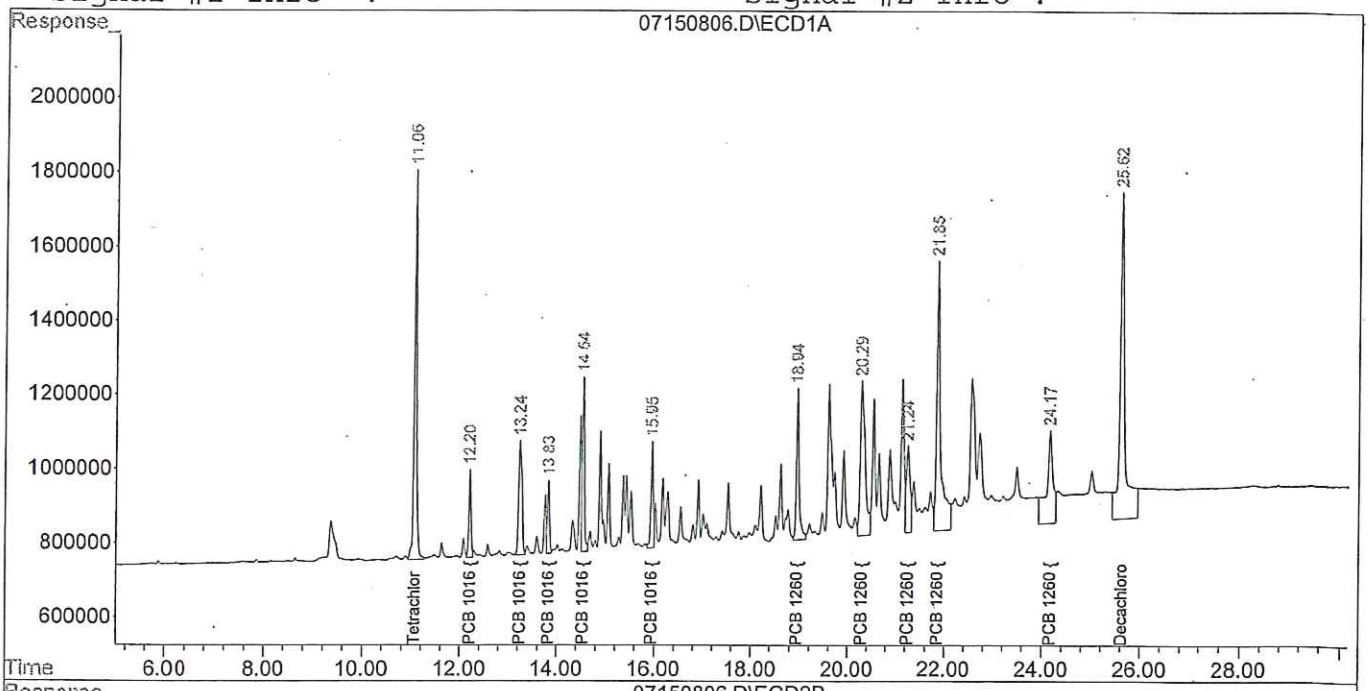
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

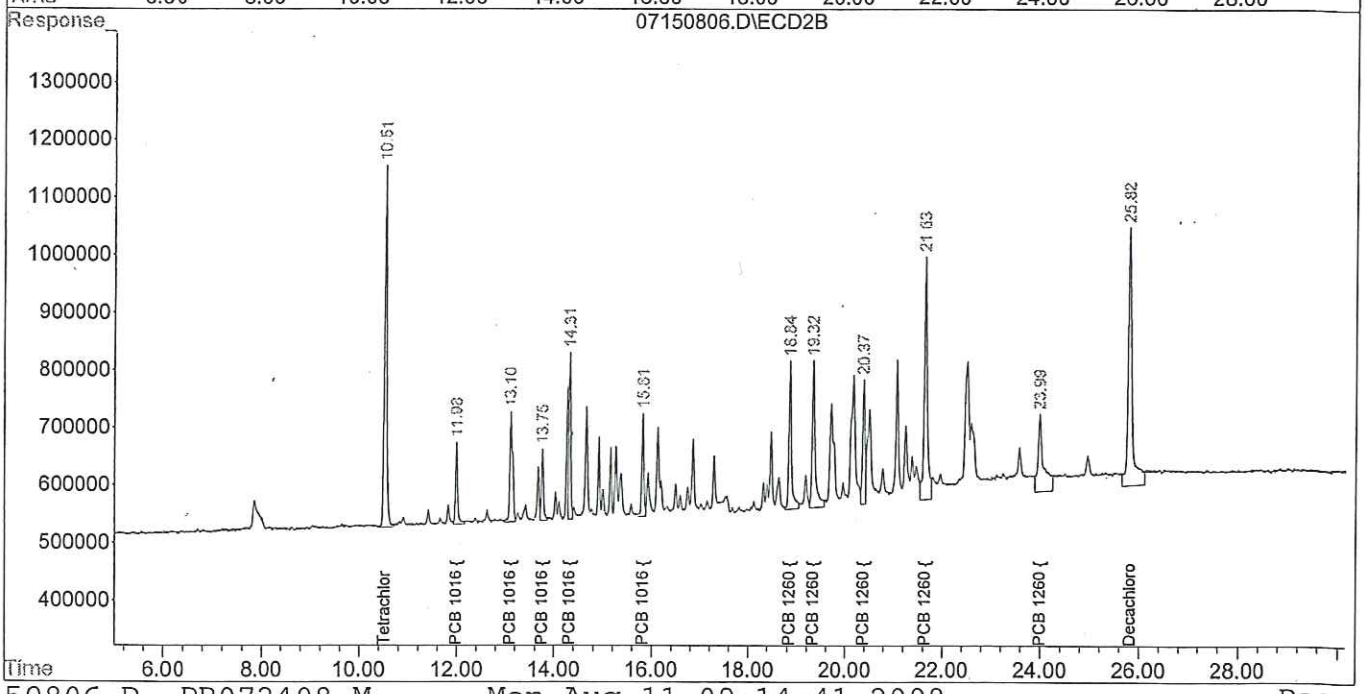
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150806.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\071508\07150806.D\ECD2B.CH
Acq On : 15 Jul 2008 12:26 pm Operator: JP
Sample : 0.1 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150807.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\071508\07150807.D\ECD2B.CH
Acq On : 15 Jul 2008 12:59 pm Operator: JP
Sample : 0.05 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.51	19358311	10590958	4.730	4.733
Spiked Amount 50.000 Range 24 - 151 Recovery =					9.46%#	9.47%#
14) S Decachlorobiphen	25.62	25.82f	29542454	20434139	6.583	8.852 #
Spiked Amount 50.000 Range 24 - 151 Recovery =					13.17%#	17.70%#
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.98	4199929	2598166	59.724	60.816
3) L1 PCB 1016 {2}	13.24	13.10	7867623	4659351	61.110	63.453
4) L1 PCB 1016 {3}	13.83	13.75	3296205	2252620	58.736	68.044
5) L1 PCB 1016 {4}	14.54	14.31	7946827	4906505	51.116	53.399
6) L1 PCB 1016 {5}	15.95	15.81	5071921	3153123	57.925	62.672
7) L1 PCB 1016 Total	0.00	0.00	28382506	17569765	56.969m	60.283m
8) L2 PCB 1260 {1}	18.95	18.84	8598678	5453035	46.191	51.949
9) L2 PCB 1260 {2}	20.30	19.32	13882815	6308814	46.551	52.547
10) L2 PCB 1260 {3}	21.24	20.37	5972022	4555520	59.933	51.855
11) L2 PCB 1260 {4}	21.86	21.64	22821755	13734224	55.287	66.339
12) L2 PCB 1260 {5}	24.18f	23.99	13301787	9781819	87.631	151.361 #
13) L2 PCB 1260 Total	0.00	0.00	64577057	39833412	56.222m	68.145m

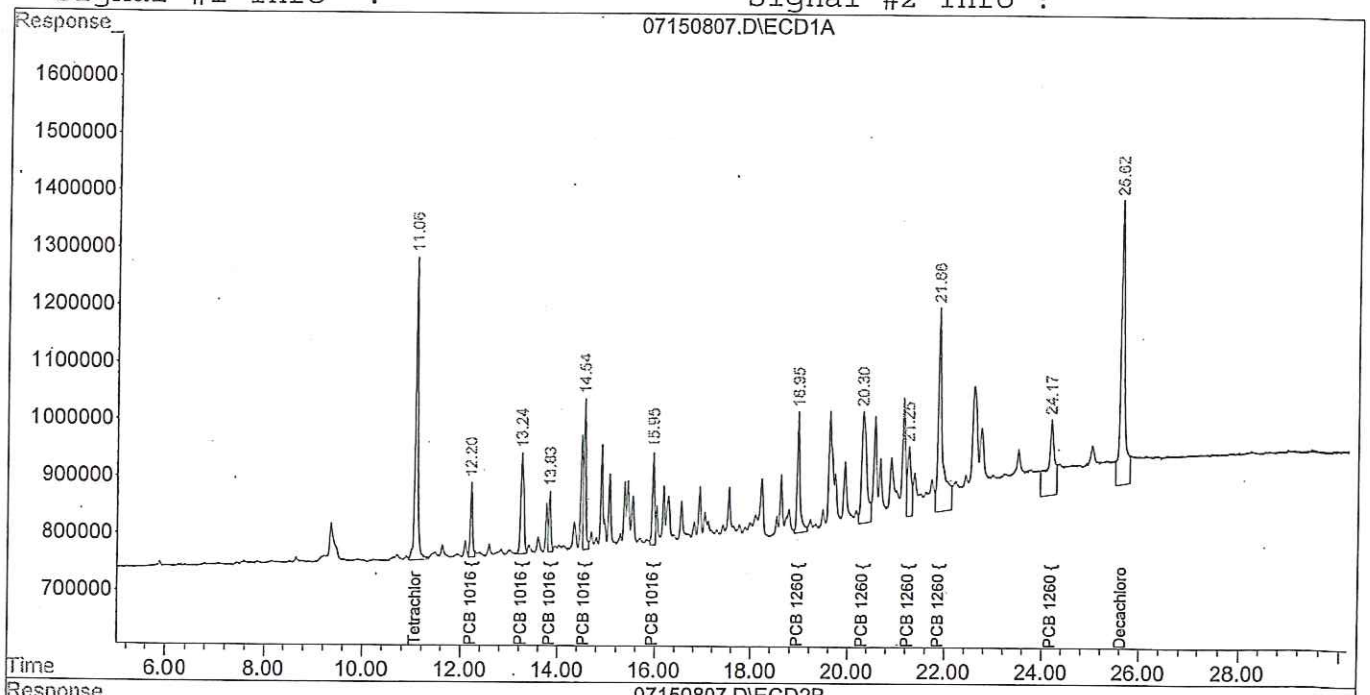
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

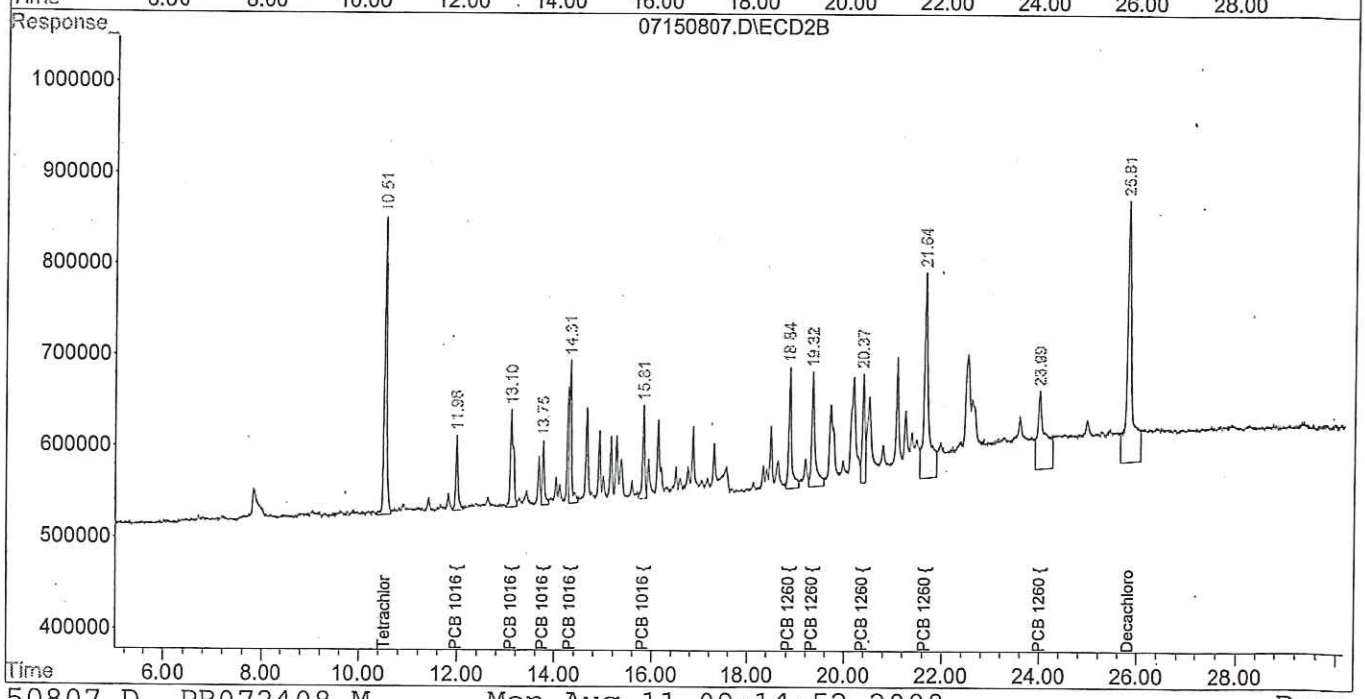
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150807.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\071508\07150807.D\ECD2B.CH
Acq On : 15 Jul 2008 12:59 pm Operator: JP
Sample : 0.05 ppm 1660 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:14 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150808.D\ECD1A.CH Vial: 8
Signal #2 : C:\HPCHEM\1\DATA\071508\07150808.D\ECD2B.CH
Acq On : 15 Jul 2008 1:33 pm Operator: JP
Sample : 1.25 ppm 1660 2nd source Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:15 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.51	233.1E6	123.0E6	56.966	54.956
Spiked Amount 50.000 Range 24 - 151 Recovery =					113.93%	109.91%
14) S Decachlorobiphen	25.62	25.81f	271.6E6	122.8E6	60.514	53.185
Spiked Amount 50.000 Range 24 - 151 Recovery =					121.03%	106.37%
Target Compounds						
2) L1 PCB 1016 {1}	12.21	11.98	79791809	43061536	1134.658	1007.949
3) L1 PCB 1016 {2}	13.24	13.10	142.8E6	81126798	1109.146	1104.820
4) L1 PCB 1016 {3}	13.83	13.75	64566388	36473221	1150.531	1101.732
5) L1 PCB 1016 {4}	14.54	14.31	179.8E6	104.4E6	1156.277	1136.658
6) L1 PCB 1016 {5}	15.95	15.81	96605295	53664144	1103.300	1066.641
7) L1 PCB 1016 Total	0.00	0.00	563.5E6	318.8E6	1131.088m	1093.716m
8) L2 PCB 1260 {1}	18.95	18.84	178.0E6	99711144	956.059	949.904
9) L2 PCB 1260 {2}	20.29	19.32	303.5E6	113.3E6	1017.823	943.888
10) L2 PCB 1260 {3}	21.24	20.37	96361265	82876659	967.046	943.382
11) L2 PCB 1260 {4}	21.85	21.63	387.1E6	199.6E6	937.837	964.255
12) L2 PCB 1260 {5}	24.17	23.99	116.9E6	59897502	769.824	926.839
13) L2 PCB 1260 Total	0.00	0.00	1081.9E6	555.4E6	941.888m	950.221m

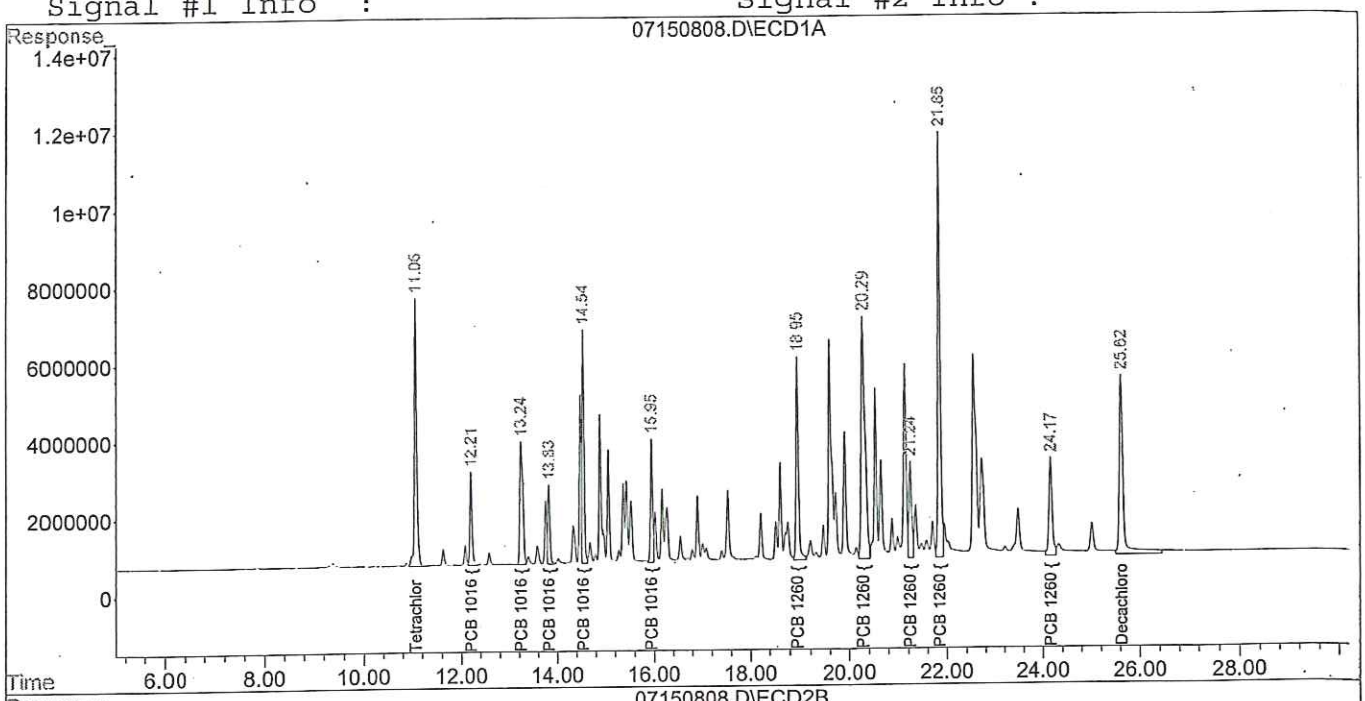
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

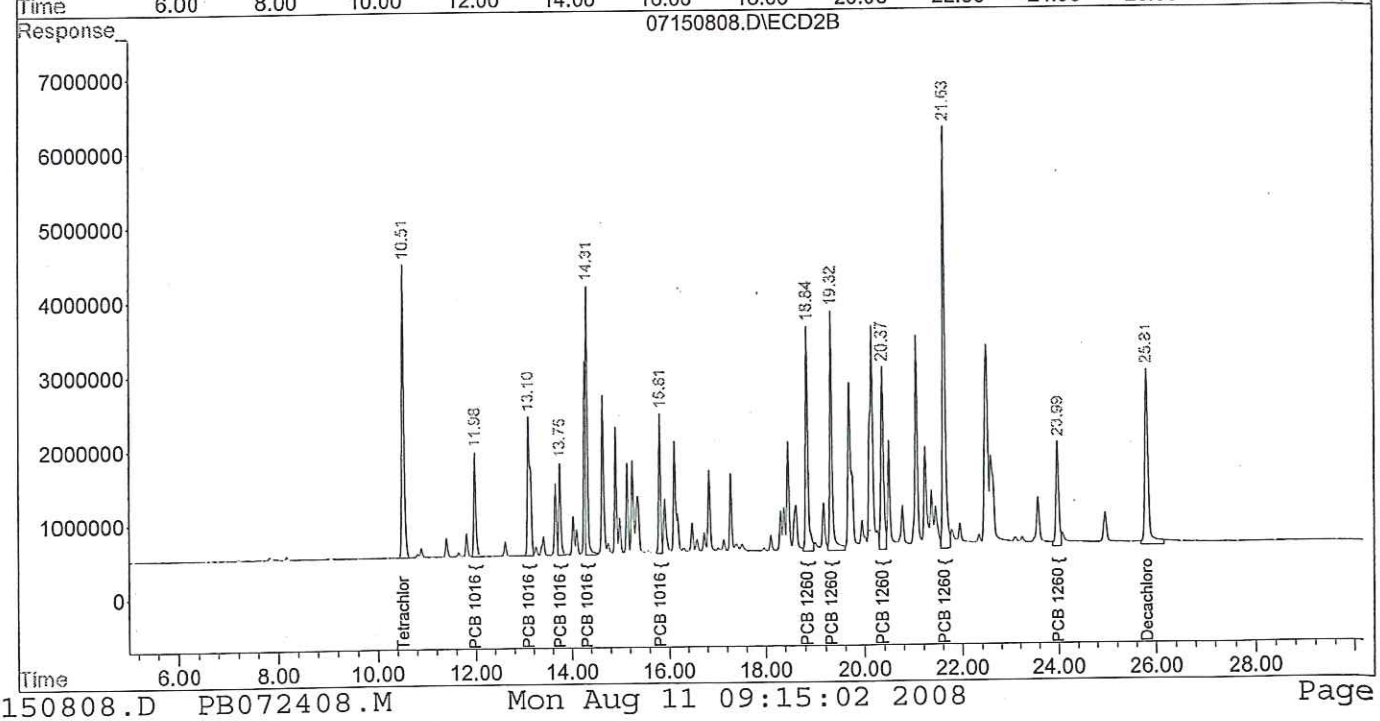
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\071508\07150808.D\ECD1A.CH Vial: 8
Signal #2 : C:\HPCHEM\1\DATA\071508\07150808.D\ECD2B.CH
Acq On : 15 Jul 2008 1:33 pm Operator: JP
Sample : 1.25 ppm 1660 2nd source Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 11 9:15 2008 Quant Results File: PB072408.RES

Quant Method : C:\HPCHEM\1\METHODS\PB072408.M (Chemstation Integrator)
Title :
Last Update : Thu Jul 24 14:32:55 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240819.D\ECD1A.CH Vial: 15
Signal #2 : C:\HPCHEM\1\DATA\072408\07240819.D\ECD2B.CH
Acq On : 24 Jul 2008 8:47 pm Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:35 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	207.1E6	111.0E6	51.271	51.606
Spiked Amount 50.000 Range 24 - 151 Recovery =					102.54%	103.21%
14) S Decachlorobiphen	25.61	25.80	220.5E6	118.3E6	49.388	52.170
Spiked Amount 50.000 Range 24 - 151 Recovery =					98.78%	104.34%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.97	66867092	36012486	984.591	938.143
3) L1 PCB 1016 {2}	13.24	13.09	110.7E6	63386188	886.211	914.789
4) L1 PCB 1016 {3}	13.83	13.74	49053563	28635381	903.624	940.607
5) L1 PCB 1016 {4}	14.54	14.30	140.8E6	82577489	984.215	1052.214
6) L1 PCB 1016 {5}	15.95	15.81	74511262	42122098	885.664	914.955
7) L1 PCB 1016 Total	0.00	0.00	442.0E6	252.7E6	931.759m	962.288m
8) L2 PCB 1260 {1}	18.94	18.83	136.9E6	79463041	897.818	925.284
9) L2 PCB 1260 {2}	20.28	19.31	236.0E6	92796902	985.076	962.748
10) L2 PCB 1260 {3}	21.23	20.36	73857731	67482133	930.178	984.544
11) L2 PCB 1260 {4}	21.85	21.62	297.5E6	166.6E6	930.992	1043.632
12) L2 PCB 1260 {5}	24.16	23.97	94761000	50918451	1004.526	875.901
13) L2 PCB 1260 Total	0.00	0.00	838.9E6	457.2E6	947.678m	975.848m

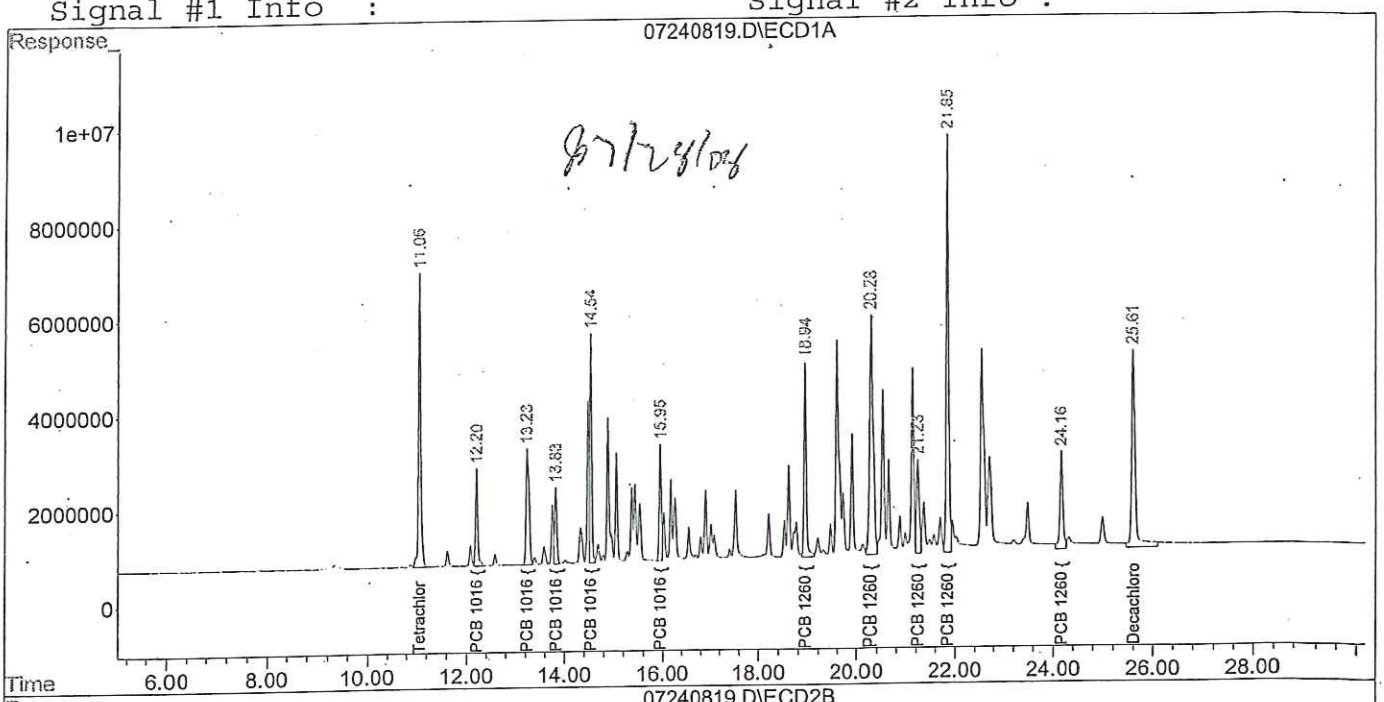
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

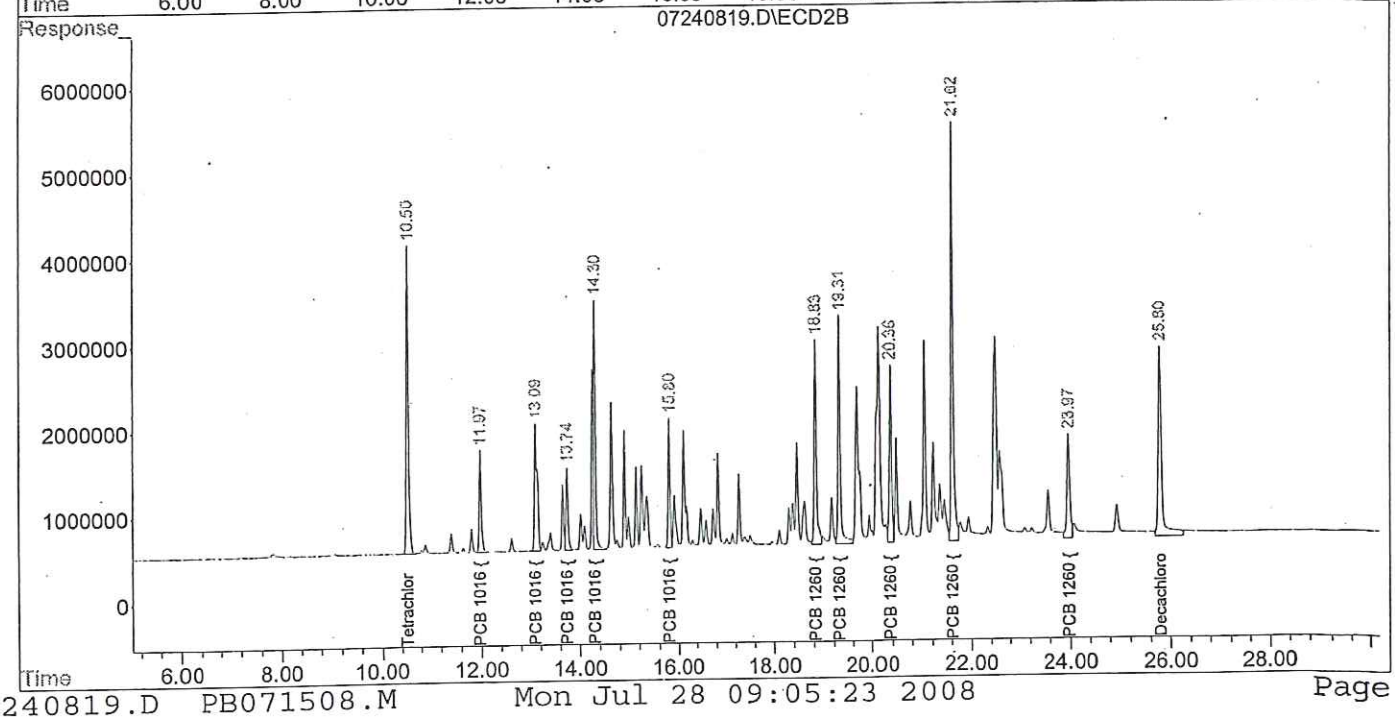
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240819.D\ECD1A.CH Vial: 15
Signal #2 : C:\HPCHEM\1\DATA\072408\07240819.D\ECD2B.CH
Acq On : 24 Jul 2008 8:47 pm Operator: JP
Sample : 1660 1 ppm Inst : GC/MS In
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:35 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240829.D\ECD1A.CH Vial: 24
Signal #2 : C:\HPCHEM\1\DATA\072408\07240829.D\ECD2B.CH
Acq On : 25 Jul 2008 2:29 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	226.7E6	119.0E6	56.132	55.317
Spiked Amount 50.000 Range 24 - 151 Recovery =					112.26%	110.63%
14) S Decachlorobiphen	25.60	25.78f	244.9E6	120.6E6	54.868	53.200
Spiked Amount 50.000 Range 24 - 151 Recovery =					109.74%	106.40%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.97	71512442	39489318	1052.992	1028.716
3) L1 PCB 1016 {2}	13.23	13.08	120.4E6	66923807	963.751	965.844
4) L1 PCB 1016 {3}	13.82	13.73	52542635	30094308	967.897	988.529
5) L1 PCB 1016 {4}	14.53	14.29	155.0E6	87891583	1083.041	1119.926
6) L1 PCB 1016 {5}	15.94	15.80	80426512	44637128	955.975	969.585
7) L1 PCB 1016 Total	0.00	0.00	479.9E6	269.0E6	1011.612m	1024.361m
8) L2 PCB 1260 {1}	18.94	18.82	150.0E6	85189930	984.142	991.969
9) L2 PCB 1260 {2}	20.28	19.30	261.7E6	97861555	1092.401	1015.293
10) L2 PCB 1260 {3}	21.23	20.35	81418385	71681833	1025.399	1045.817
11) L2 PCB 1260 {4}	21.84	21.61	337.3E6	182.7E6	1055.569	1144.534
12) L2 PCB 1260 {5}	24.15	23.96f	106.3E6	54138520	1127.096	931.293
13) L2 PCB 1260 Total	0.00	0.00	936.7E6	491.6E6	1058.152m	1049.088m

V

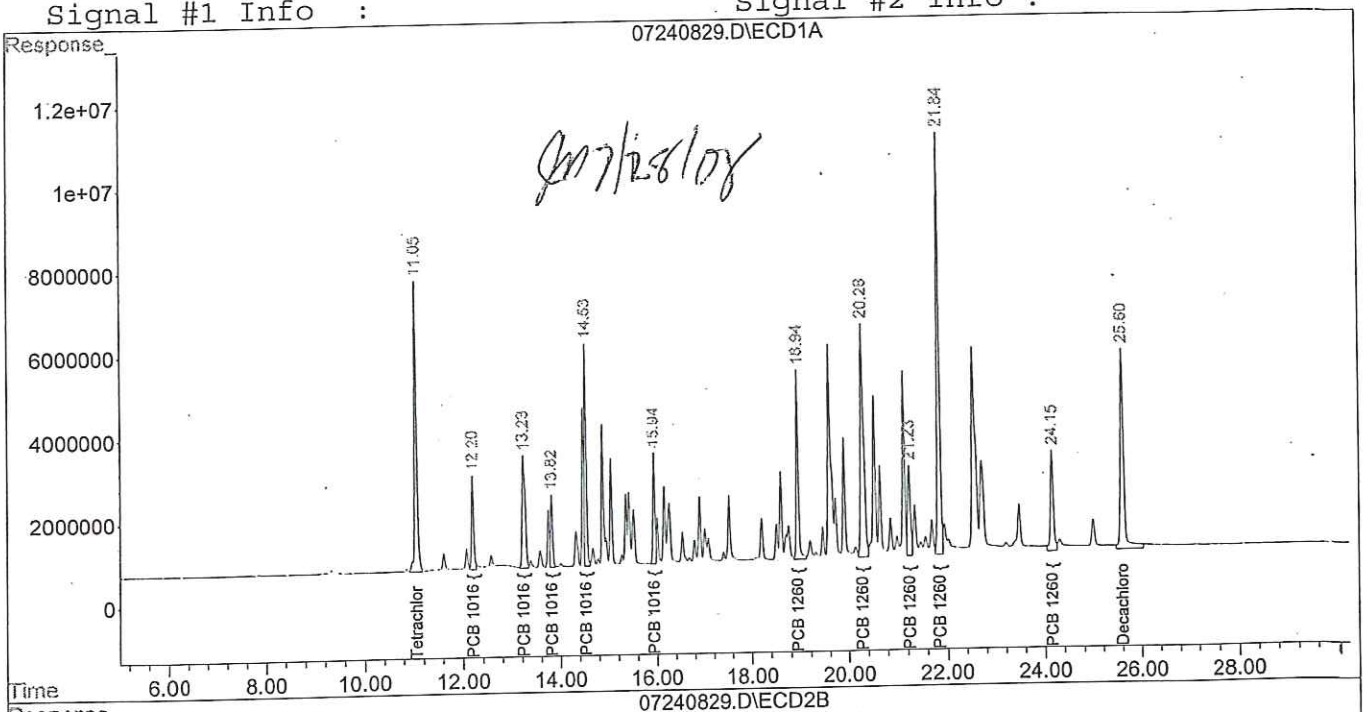
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

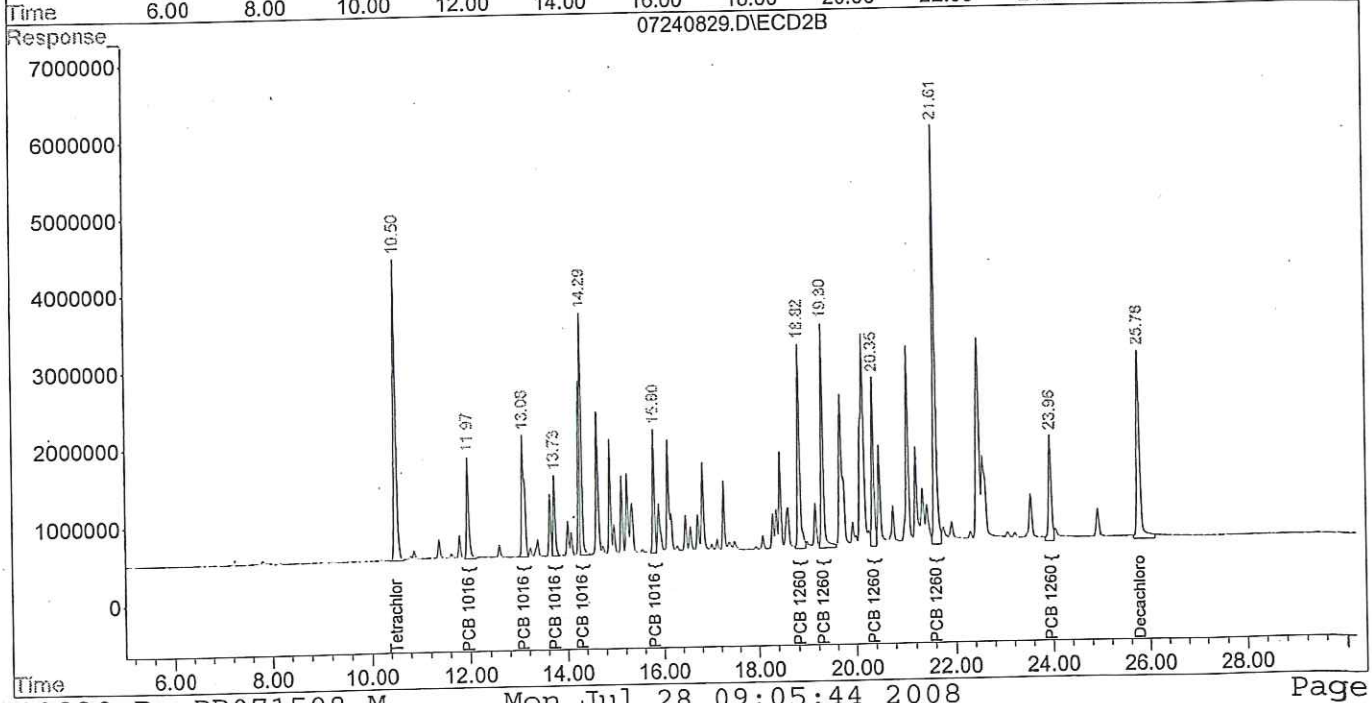
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240829.D\ECD1A.CH Vial: 24
Signal #2 : C:\HPCHEM\1\DATA\072408\07240829.D\ECD2B.CH
Acq On : 25 Jul 2008 2:29 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240839.D\ECD1A.CH Vial: 34
Signal #2 : C:\HPCHEM\1\DATA\072408\07240839.D\ECD2B.CH
Acq On : 25 Jul 2008 8:04 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:55 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	228.5E6	116.4E6	56.570	54.141
Spiked Amount 50.000 Range 24 - 151 Recovery =					113.14%	108.28%
14) S Decachlorobiphen	25.60	25.79	260.3E6	117.0E6	58.316	51.628
Spiked Amount 50.000 Range 24 - 151 Recovery =					116.63%	103.26%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.97	73797897	38373938	1086.644	999.660
3) L1 PCB 1016 {2}	13.23	13.09	120.3E6	66362620	963.085	957.745
4) L1 PCB 1016 {3}	13.82	13.74	53587393	30135271	987.143	989.874
5) L1 PCB 1016 {4}	14.53	14.30	156.8E6	87652281	1096.014	1116.877
6) L1 PCB 1016 {5}	15.94	15.80	81519284	43805386	968.964	951.518
7) L1 PCB 1016 Total	0.00	0.00	486.0E6	266.3E6	1024.674m	1014.055m
8) L2 PCB 1260 {1}	18.94	18.83	151.2E6	82496719	991.699	960.608
9) L2 PCB 1260 {2}	20.28	19.30	257.3E6	95076208	1074.014	986.396
10) L2 PCB 1260 {3}	21.23	20.35	80983358	68987538	1019.920	1006.508
11) L2 PCB 1260 {4}	21.84	21.62	322.5E6	170.8E6	1009.422	1070.369
12) L2 PCB 1260 {5}	24.15	23.96f	103.8E6	51134260	1100.444	879.613
13) L2 PCB 1260 Total	0.00	0.00	915.8E6	468.5E6	1034.491m	999.969m

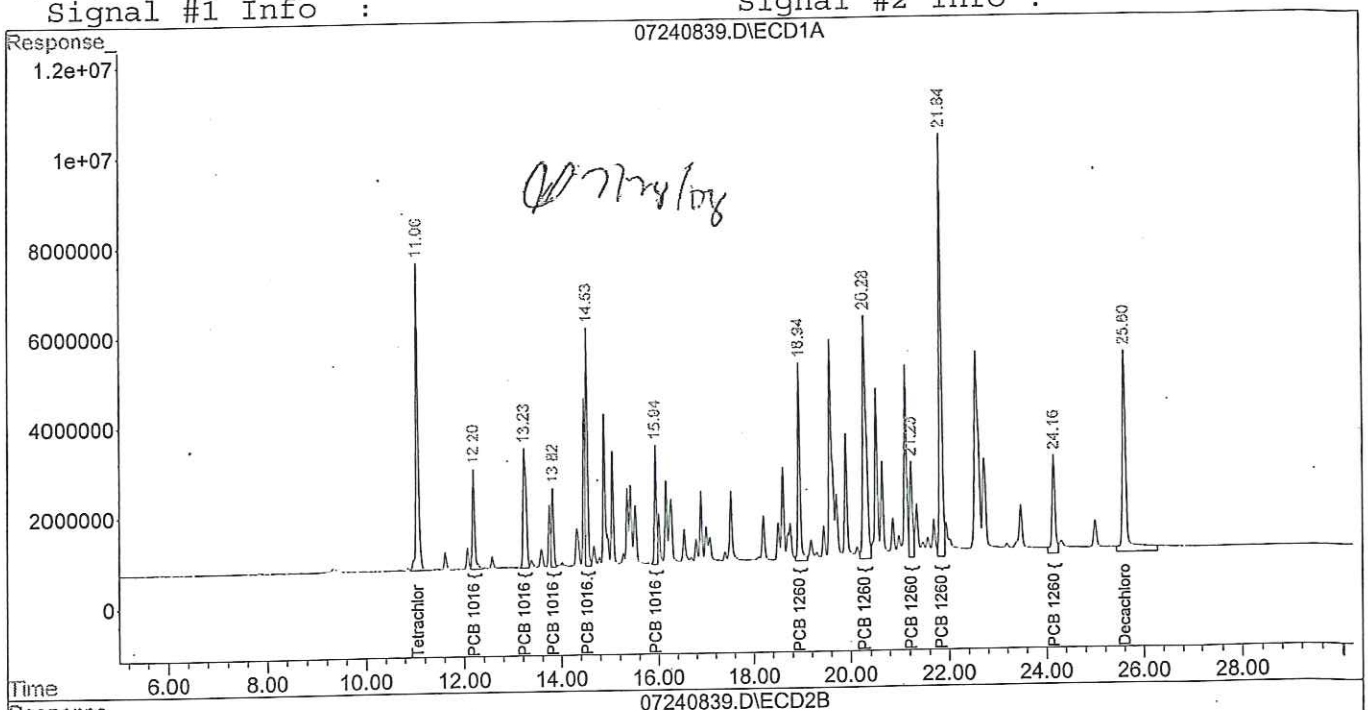
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

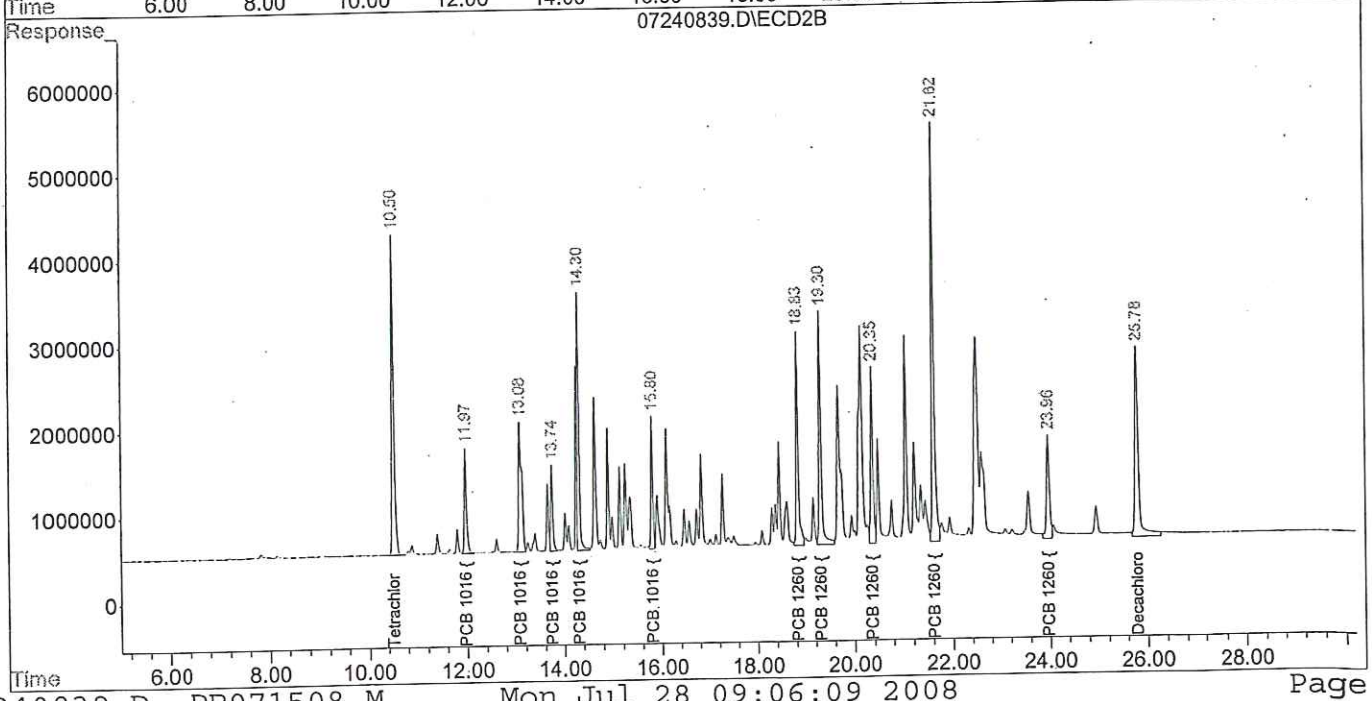
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240839.D\ECD1A.CH Vial: 34
Signal #2 : C:\HPCHEM\1\DATA\072408\07240839.D\ECD2B.CH
Acq On : 25 Jul 2008 8:04 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:55 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240842.D\ECD1A.CH Vial: 37
Signal #2 : C:\HPCHEM\1\DATA\072408\07240842.D\ECD2B.CH
Acq On : 25 Jul 2008 9:45 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:31 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	230.4E6	122.3E6	57.040	56.854
Spiked Amount 50.000 Range 24 - 151 Recovery =					114.08%	113.71%
14) S Decachlorobiphen	25.61	25.79	252.6E6	117.8E6	56.584	51.961
Spiked Amount 50.000 Range 24 - 151 Recovery =					113.17%	103.92%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.97	80244784	41612576	1181.572	1084.028
3) L1 PCB 1016 {2}	13.23	13.09	127.6E6	66008654	1021.703	952.637
4) L1 PCB 1016 {3}	13.82	13.74	54632287	29938534	1006.391	983.412
5) L1 PCB 1016 {4}	14.53	14.30	157.5E6	85337626	1100.458	1087.384
6) L1 PCB 1016 {5}	15.94	15.80	81603390	43281415	969.963	940.137
7) L1 PCB 1016 Total	0.00	0.00	501.6E6	266.2E6	1057.423m	1013.481m
8) L2 PCB 1260 {1}	18.94	18.83	150.5E6	82590835	987.548	961.704
9) L2 PCB 1260 {2}	20.28	19.31	259.6E6	95211821	1083.750	987.803
10) L2 PCB 1260 {3}	21.23	20.36	82361885	69705766	1037.281	1016.986
11) L2 PCB 1260 {4}	21.85	21.62	329.1E6	172.9E6	1029.996	1083.448
12) L2 PCB 1260 {5}	24.16	23.97	101.5E6	51512806	1076.341	886.125
13) L2 PCB 1260 Total	0.00	0.00	923.1E6	472.0E6	1042.825m	1007.256m

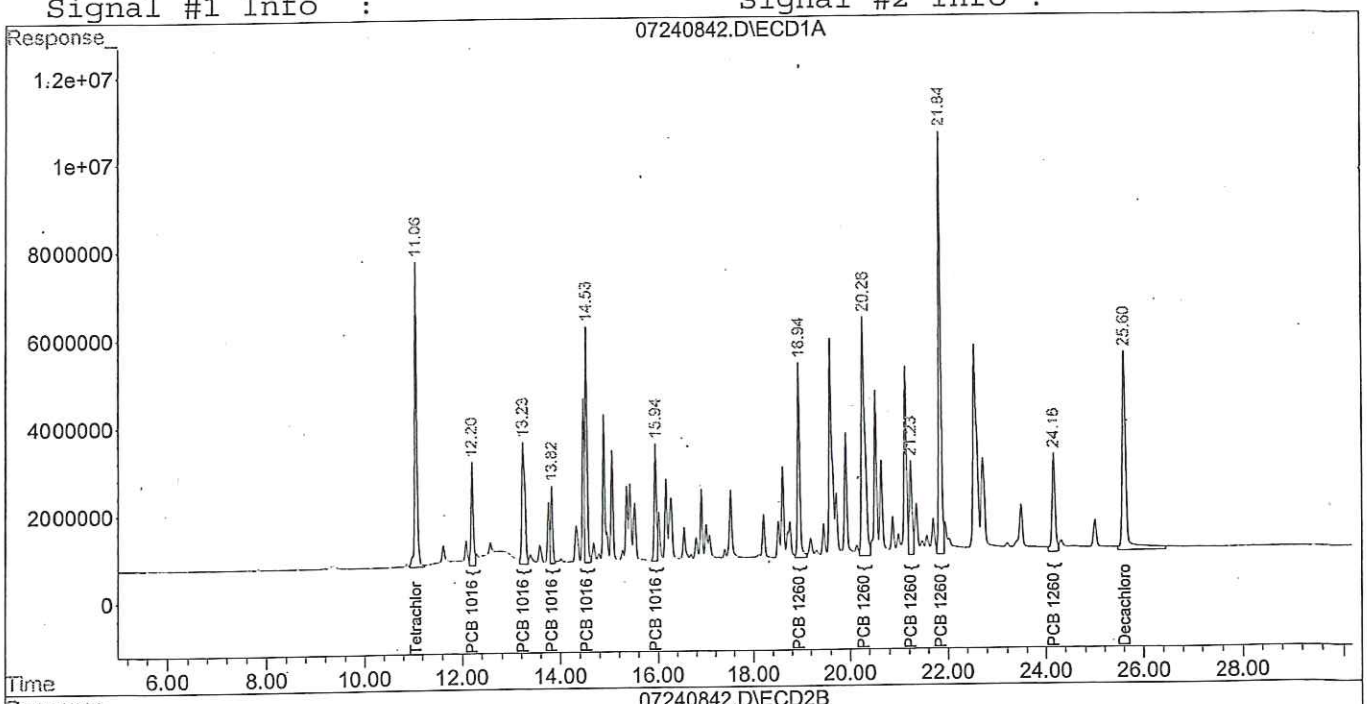
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

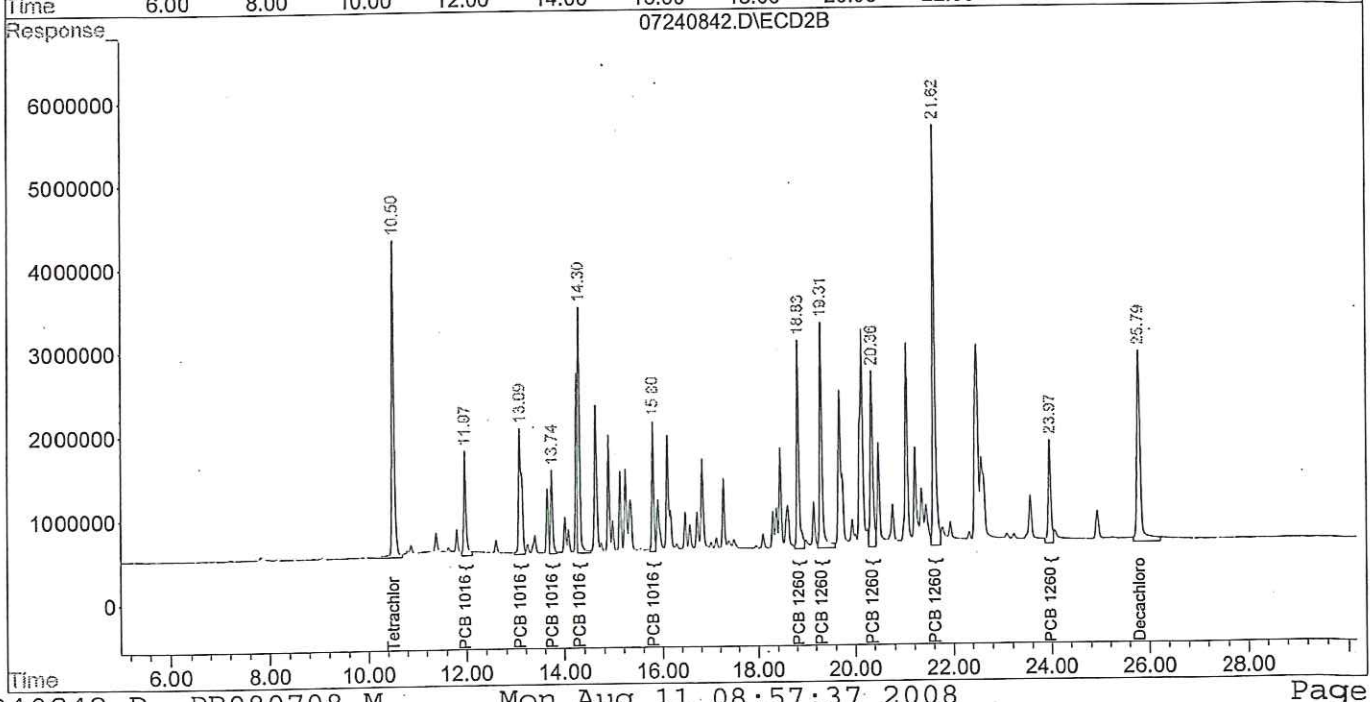
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240842.D\ECD1A.CH Vial: 37
Signal #2 : C:\HPCHEM\1\DATA\072408\07240842.D\ECD2B.CH
Acq On : 25 Jul 2008 9:45 am Operator: JP
Sample : 1660 1 ppm Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:31 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310803.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\073108\07310803.D\ECD2B.CH
Acq On : 31 Jul 2008 3:44 pm Operator: JP
Sample : 1.25 ppm 1260 2nd source Inst : GC/MS In
Misc : PP05230802 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:51 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	234.1E6	131.7E6	57.949	61.246
Spiked Amount 50.000 Range 24 - 151 Recovery =					115.90%	122.49%
14) S Decachlorobiphen	25.62	25.79	213.0E6	124.6E6	47.715	54.958
Spiked Amount 50.000 Range 24 - 151 Recovery =					95.43%	109.92%
Target Compounds						
2) L1 PCB 1016 {1}	12.21	11.97	81464903	46903673	1199.538	1221.864
3) L1 PCB 1016 {2}	13.24	13.09	138.2E6	83209588	1106.310	1200.881
4) L1 PCB 1016 {3}	13.83	13.74	61732256	37905256	1137.181	1245.101
5) L1 PCB 1016 {4}	14.54	14.30	166.6E6	110.7E6	1164.023	1410.982
6) L1 PCB 1016 {5}	15.95	15.80	91918552	55859721	1092.573	1213.356
7) L1 PCB 1016 Total	0.00	0.00	539.9E6	334.6E6	1138.166m	1274.041m
8) L2 PCB 1260 {1}	18.95	18.83	169.6E6	104.6E6	1112.754	1218.071
9) L2 PCB 1260 {2}	20.29	19.31	277.6E6	121.8E6	1158.792	1263.787
10) L2 PCB 1260 {3}	21.24	20.36	90015879	88177254	1133.677	1286.480
11) L2 PCB 1260 {4}	21.86	21.62	374.0E6	208.2E6	1170.586	1304.161
12) L2 PCB 1260 {5}	24.17	23.97	100.5E6	61075143	1064.991	1050.617
13) L2 PCB 1260 Total	0.00	0.00	1011.7E6	583.8E6	1142.872m	1246.034m

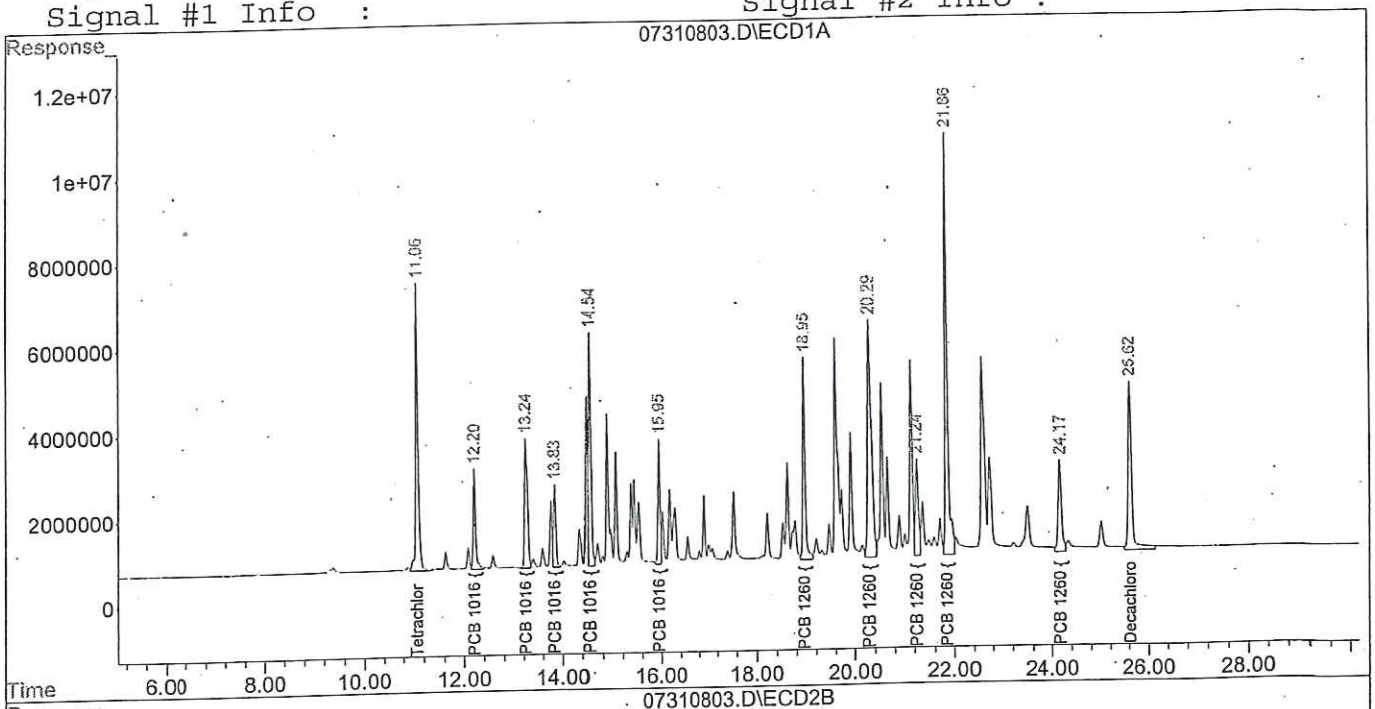
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

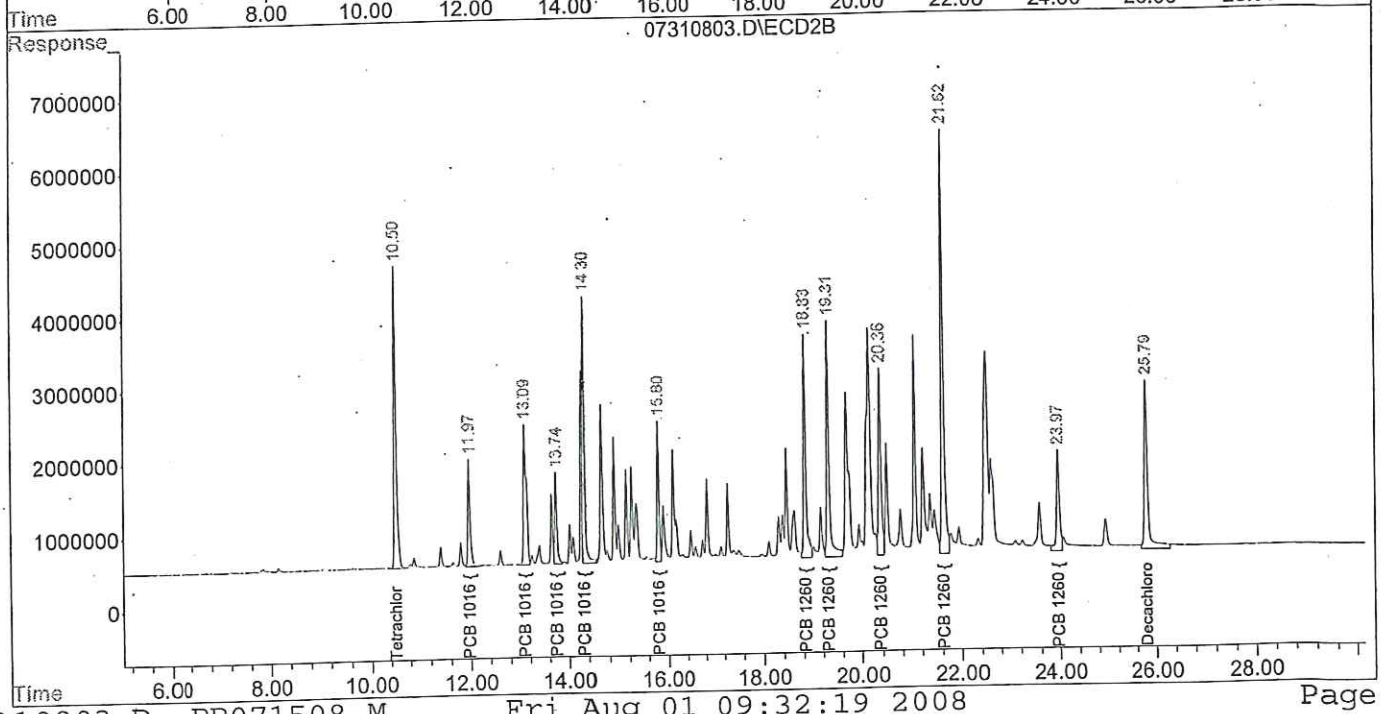
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310803.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\073108\07310803.D\ECD2B.CH
Acq On : 31 Jul 2008 3:44 pm Operator: JP
Sample : 1.25 ppm 1260 2nd source Inst : GC/MS In
Misc : PP05230802 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:51 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310804.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\073108\07310804.D\ECD2B.CH
Acq On : 31 Jul 2008 4:17 pm Operator: JP
Sample : 1.0 ppm 1260 Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:51 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	211.4E6	121.0E6	52.330	56.276
Spiked Amount 50.000 Range 24 - 151 Recovery =					104.66%	112.55%
14) S Decachlorobiphen	25.62	25.80	194.3E6	106.9E6	43.538	47.171
Spiked Amount 50.000 Range 24 - 151 Recovery =					87.08%	94.34%
Target Compounds						
2) L1 PCB 1016 {1}	12.21	11.97	66200241	38690073	974.772	1007.895
3) L1 PCB 1016 {2}	13.24	13.09	110.2E6	68102160	881.928	982.850
4) L1 PCB 1016 {3}	13.83	13.74	49418625	30877501	910.349	1014.255
5) L1 PCB 1016 {4}	14.54	14.30	132.3E6	85355846	924.382	1087.616
6) L1 PCB 1016 {5}	15.95	15.80	71607181	43997851	851.145	955.699
7) L1 PCB 1016 Total	0.00	0.00	429.7E6	267.0E6	905.822m	1016.697m
8) L2 PCB 1260 {1}	18.95	18.83	134.3E6	87948651	881.263	1024.092
9) L2 PCB 1260 {2}	20.30	19.31	216.5E6	94436296	903.717	979.757
10) L2 PCB 1260 {3}	21.25	20.36	73779026	68833040	929.187	1004.254
11) L2 PCB 1260 {4}	21.86	21.62	287.4E6	160.4E6	899.496	1005.080
12) L2 PCB 1260 {5}	24.18	23.98	80937641	56018467	857.990	963.632
13) L2 PCB 1260 Total	0.00	0.00	792.9E6	467.7E6	895.739m	998.092m

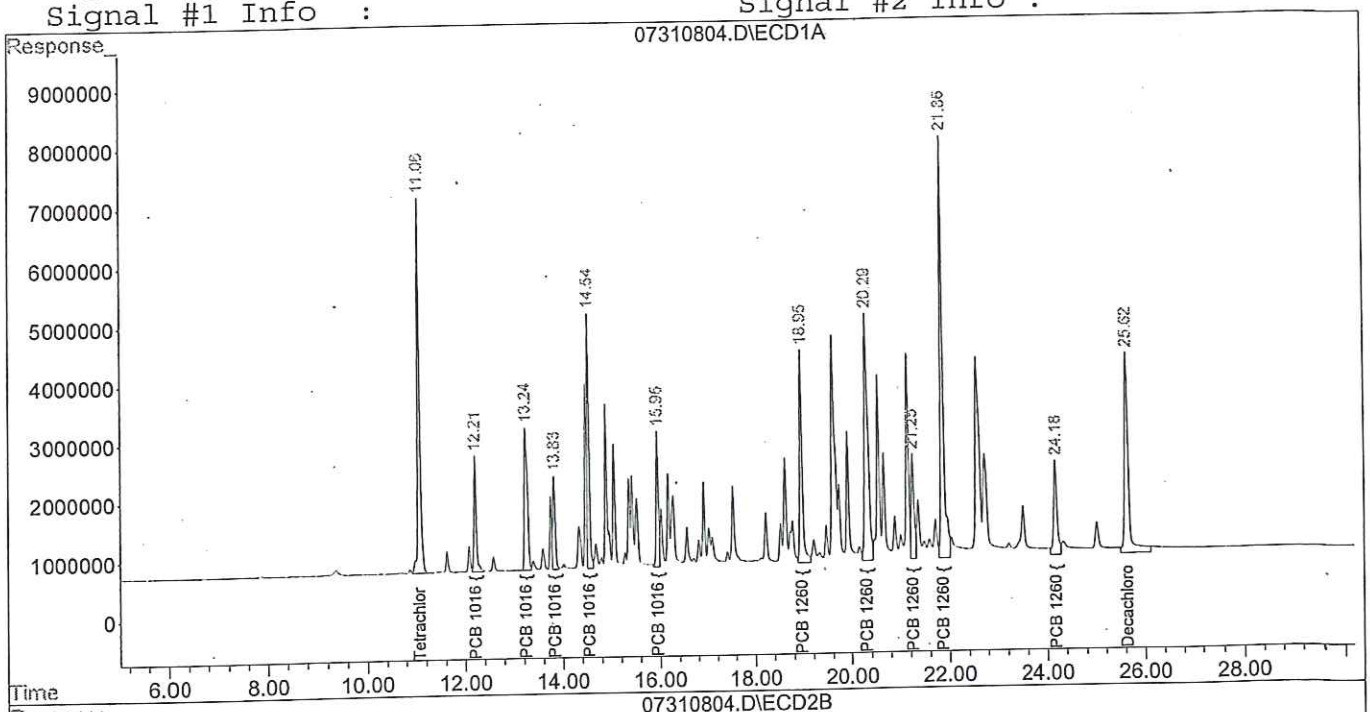
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

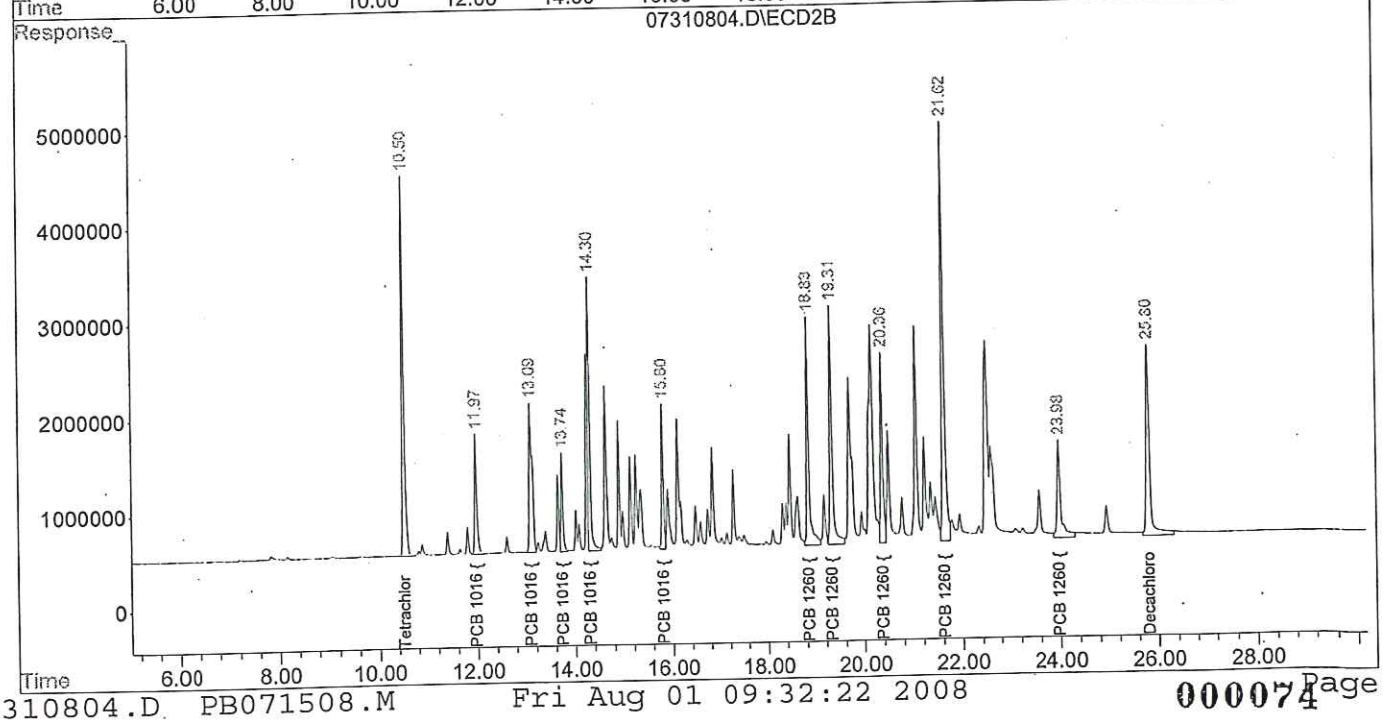
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310804.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\073108\07310804.D\ECD2B.CH
Acq On : 31 Jul 2008 4:17 pm Operator: JP
Sample : 1.0 ppm 1260 Inst : GC/MS Ins
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:51 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310815.D\ECD1A.CH Vial: 13
Signal #2 : C:\HPCHEM\1\DATA\073108\07310815.D\ECD2B.CH
Acq On : 31 Jul 2008 10:27 pm Operator: JP
Sample : 1.0 ppm 1660 Inst : GC/MS In
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:36 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	222.1E6	126.0E6	54.991	58.582
Spiked Amount 50.000 Range 24 - 151 Recovery =					109.98%	117.16%
14) S Decachlorobiphen	25.62	25.79	237.5E6	127.3E6	53.216	56.152
Spiked Amount 50.000 Range 24 - 151 Recovery =					106.43%	112.30%
Target Compounds						
2) L1 PCB 1016 {1}	12.20	11.97	75750132	42786194	1115.390	1114.601
3) L1 PCB 1016 {2}	13.24	13.08	122.0E6	71845681	976.814	1036.877
4) L1 PCB 1016 {3}	13.83	13.74	52825702	32771912	973.111	1076.482
5) L1 PCB 1016 {4}	14.54	14.30	148.6E6	91231490	1038.179	1162.484
6) L1 PCB 1016 {5}	15.95	15.80	78507027	47285568	933.159	1027.113
7) L1 PCB 1016 Total	0.00	0.00	477.7E6	285.9E6	1007.001m	1088.649m
8) L2 PCB 1260 {1}	18.95	18.83	151.0E6	91625145	990.454	1066.902
9) L2 PCB 1260 {2}	20.29	19.30	255.6E6	107.3E6	1066.882	1112.791
10) L2 PCB 1260 {3}	21.24	20.36	83013808	77515237	1045.492	1130.924
11) L2 PCB 1260 {4}	21.85	21.62	349.6E6	192.2E6	1094.084	1203.834
12) L2 PCB 1260 {5}	24.17	23.97	96305352	56302278	1020.897	968.514
13) L2 PCB 1260 Total	0.00	0.00	935.4E6	524.9E6	1056.720m	1120.147m

√

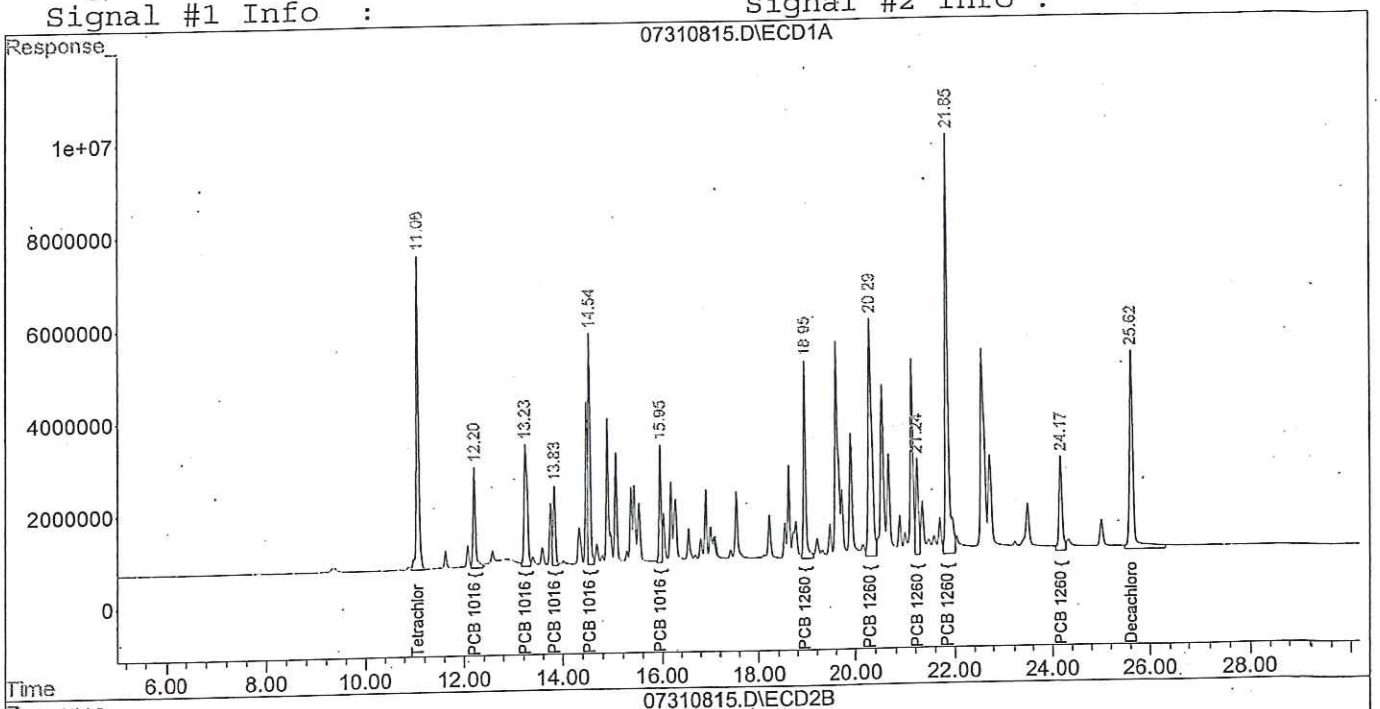
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

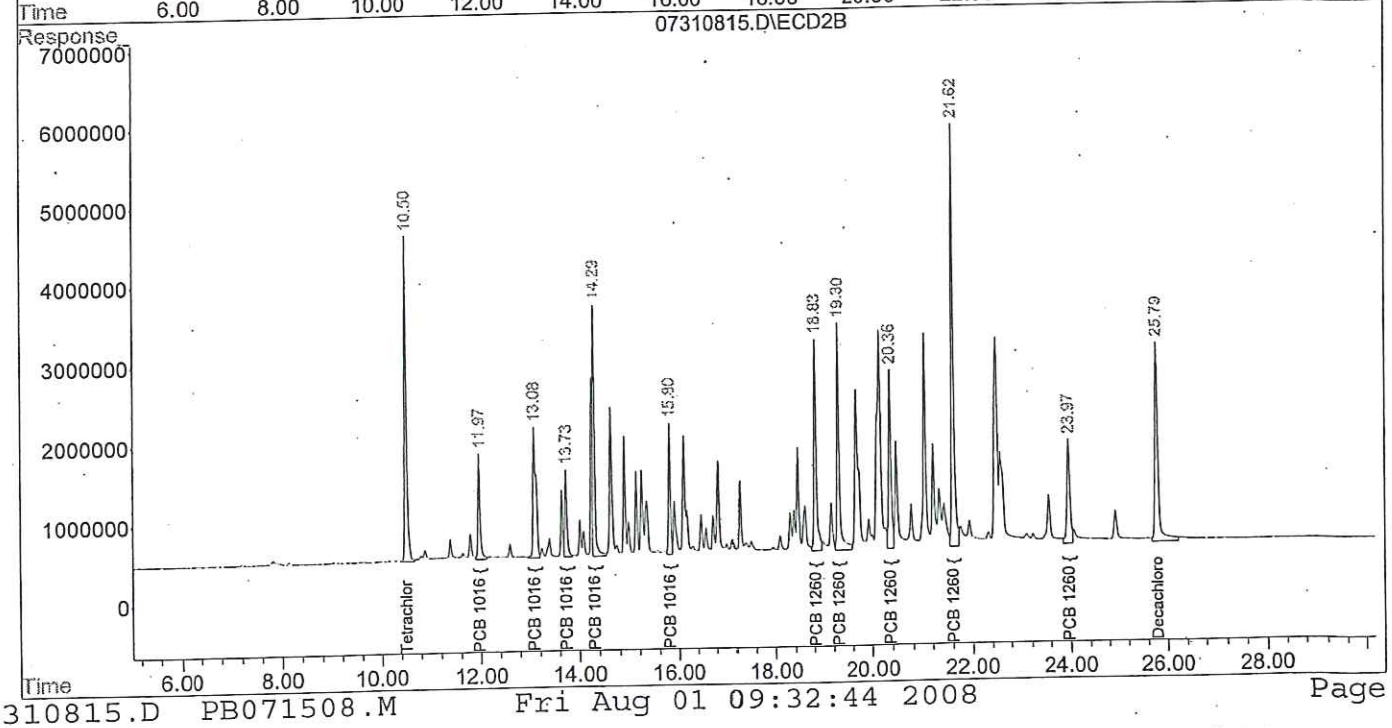
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310815.D\ECD1A.CH Vial: 13
Signal #2 : C:\HPCHEM\1\DATA\073108\07310815.D\ECD2B.CH
Acq On : 31 Jul 2008 10:27 pm Operator: JP
Sample : 1.0 ppm 1660 Inst : GC/MS In
Misc : PP07090801 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:36 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310822.D\ECD1A.CH Vial: 20
Signal #2 : C:\HPCHEM\1\DATA\073108\07310822.D\ECD2B.CH
Acq On : 1 Aug 2008 2:26 am Operator: JP
Sample : 1660 1.0 ppm Inst : GC/MS In
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	224.6E6	125.4E6	55.602	58.327
Spiked Amount 50.000 Range 24 - 151 Recovery =					111.20%	116.65%
14) S Decachlorobiphen	25.62	25.79	208.6E6	112.4E6	46.733m	49.609m
Spiked Amount 50.000 Range 24 - 151 Recovery =					93.47%	99.22%
Target Compounds						
2) L1 PCB 1016 {1}	12.21	11.97	71377328	40419223	1051.002	1052.941
3) L1 PCB 1016 {2}	13.24	13.09	117.7E6	70641701	942.222	1019.501
4) L1 PCB 1016 {3}	13.83	13.74	52703664	31878805	970.863	1047.146
5) L1 PCB 1016 {4}	14.54	14.30	149.3E6	90555533	1043.152	1153.871
6) L1 PCB 1016 {5}	15.95	15.80	78757565	43752541	936.137	950.370
7) L1 PCB 1016 Total	0.00	0.00	469.8E6	277.2E6	990.444m	1055.627m
8) L2 PCB 1260 {1}	18.95	18.83	144.4E6	88510659	947.429	1030.636
9) L2 PCB 1260 {2}	20.29	19.31	243.6E6	103.5E6	1016.811	1073.984
10) L2 PCB 1260 {3}	21.24	20.36	81839356	74920897	1030.700	1093.074
11) L2 PCB 1260 {4}	21.86	21.62	312.7E6	187.0E6	978.661	1171.554
12) L2 PCB 1260 {5}	24.17	23.97	101.4E6	55787961	1074.902	959.667
13) L2 PCB 1260 Total	0.00	0.00	883.9E6	509.7E6	998.530m	1087.886m

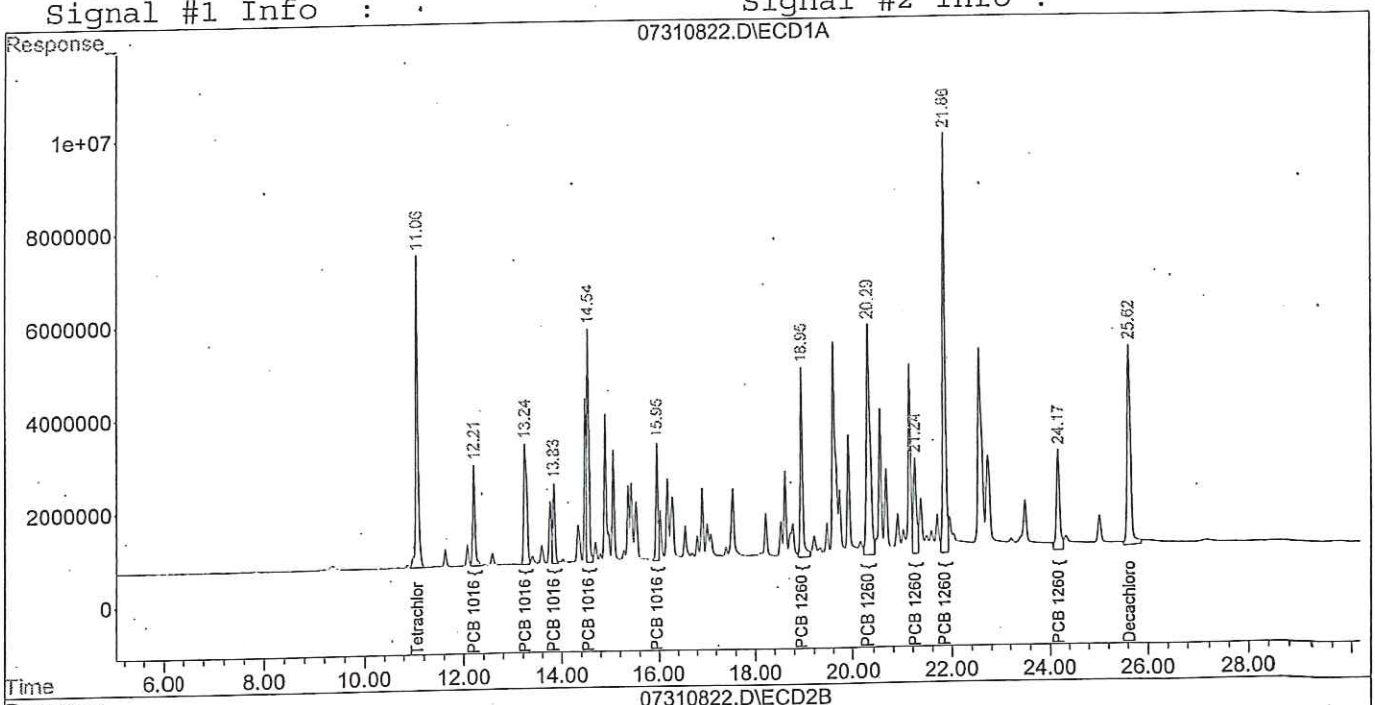
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

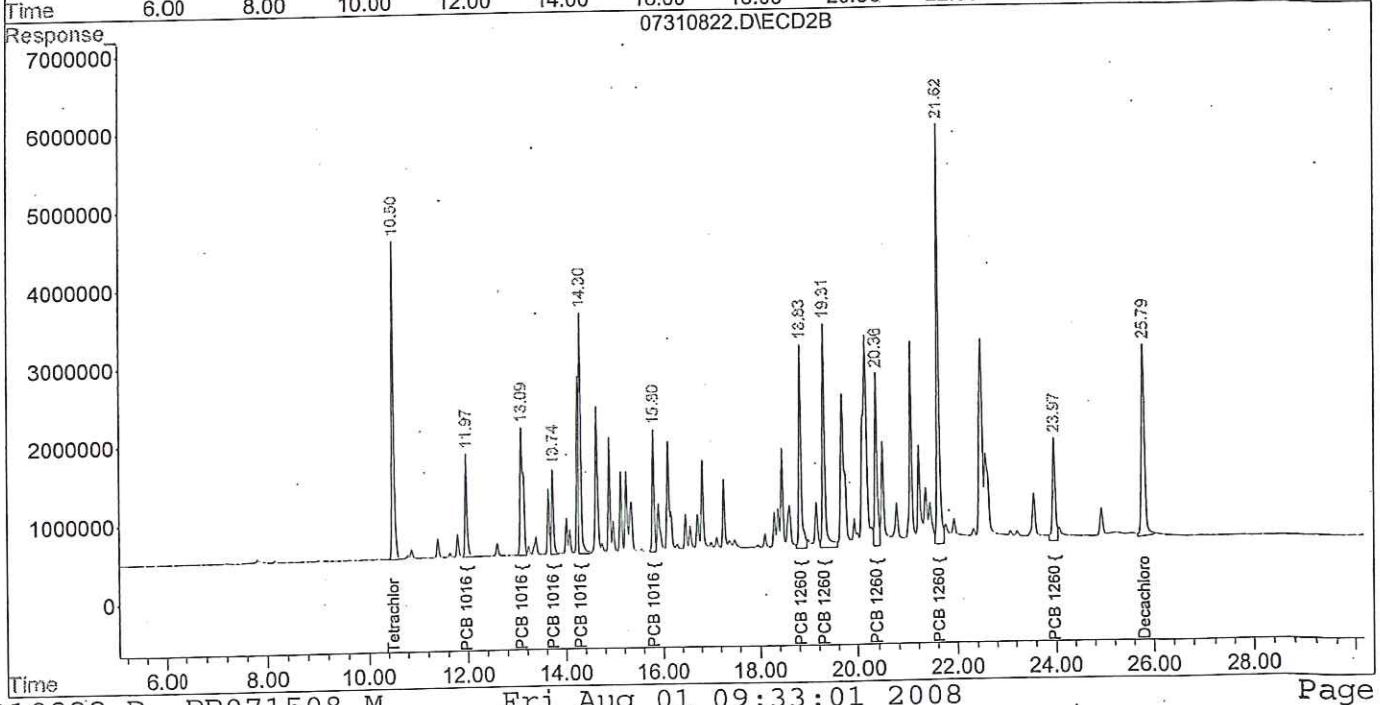
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310822.D\ECD1A.CH Vial: 20
Signal #2 : C:\HPCHEM\1\DATA\073108\07310822.D\ECD2B.CH
Acq On : 1 Aug 2008 2:26 am Operator: JP
Sample : 1660 1.0 ppm Inst : GC/MS In
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310830.D\ECD1A.CH Vial: 25
Signal #2 : C:\HPCHEM\1\DATA\073108\07310830.D\ECD2B.CH
Acq On : 1 Aug 2008 6:54 am Operator: JP
Sample : 1660 1.0 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:31 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	226.4E6	124.3E6	56.044	57.808
Spiked Amount 50.000 Range 24 - 151 Recovery =					112.09%	115.62%
14) S Decachlorobiphen	25.62	25.79	302.5E6	137.3E6	67.771	60.594
Spiked Amount 50.000 Range 24 - 151 Recovery =					135.54%	121.19%
Target Compounds						
2) L1 PCB 1016 {1}	12.21	11.97	72186320	40198626	1062.914	1047.194
3) L1 PCB 1016 {2}	13.24	13.09	119.6E6	70306043	957.784	1014.657
4) L1 PCB 1016 {3}	13.83	13.74	55002984	32062652	1013.220	1053.185
5) L1 PCB 1016 {4}	14.54	14.30	151.3E6	93506239	1057.269m	1191.469
6) L1 PCB 1016 {5}	15.95	15.80	116.7E6	47871868	1386.983	1039.848 #
7) L1 PCB 1016 Total	0.00	0.00	514.8E6	283.9E6	1085.317m	1081.128m
8) L2 PCB 1260 {1}	18.95	18.83	157.1E6	94378902	1030.807	1098.967
9) L2 PCB 1260 {2}	20.29	19.31	265.5E6	110.3E6	1108.188	1143.848
10) L2 PCB 1260 {3}	21.24	20.36	85480319	78687125	1076.555	1148.022
11) L2 PCB 1260 {4}	21.86	21.62	334.5E6	190.4E6	1047.009m	1192.752m
12) L2 PCB 1260 {5}	24.17	23.97	109.6E6	62313132	1161.709	1071.913
13) L2 PCB 1260 Total	0.00	0.00	952.2E6	536.0E6	1075.647m	1143.967m

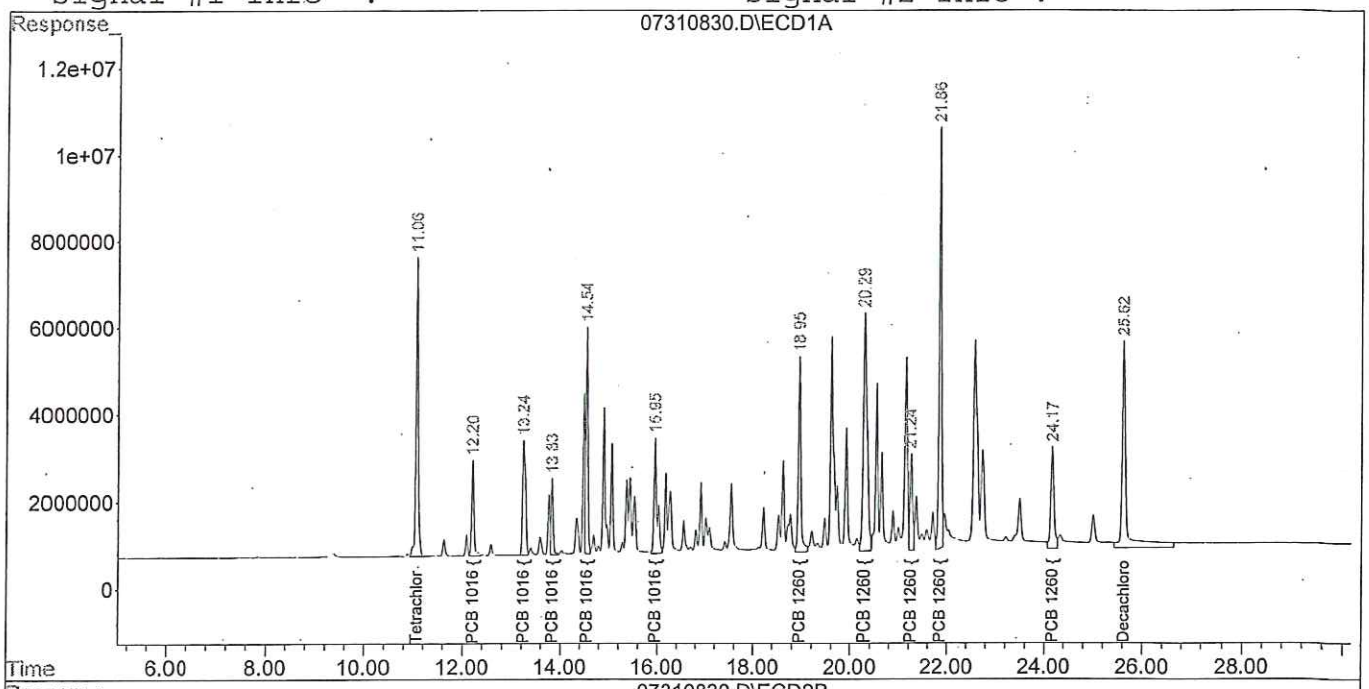
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

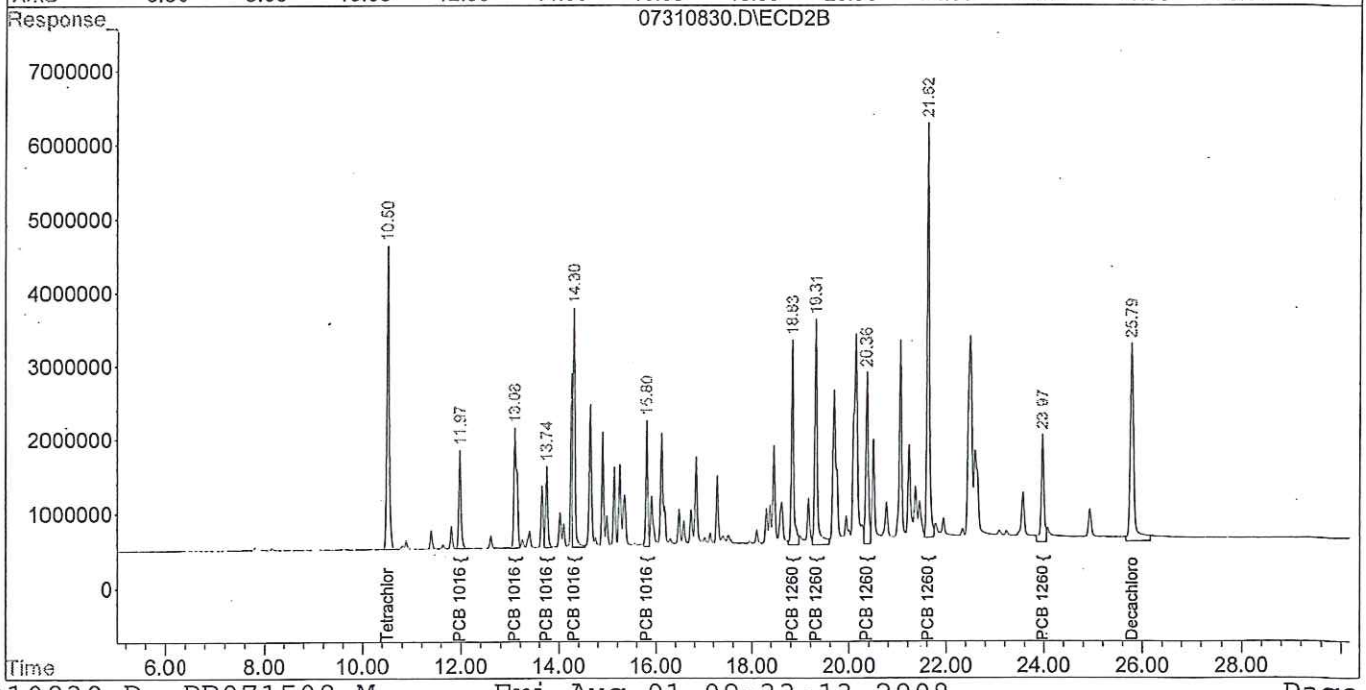
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310830.D\ECD1A.CH Vial: 25
Signal #2 : C:\HPCHEM\1\DATA\073108\07310830.D\ECD2B.CH
Acq On : 1 Aug 2008 6:54 am Operator: JP
Sample : 1660 1.0 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:31 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Ft. Monmouth Environmental Laboratory

173 Riverside Ave.
Ft. Monmouth, NJ 07703

PROJECT : 80271
Client: U.S. Army, DPW, SELFM-PW-EV
Ext. Batch:
Matrix: Soil
Batch: 07310801
Analyst: JP
Analysis: PCB

LAB	LAB	TCMX		DCBP	
SAMPLE ID	FILENAME	% REC		% REC	
PCB 1660 2.5 ppm	07240803	112%		106%	
PCB 1660 1.0 ppm	07240804	100%		109%	
PCB 1660 0.5 ppm	07240805	96%		121%	
PCB 1660 0.1 ppm	07240806	99%		97%	
PCB 1660 .05 ppm	07240807	106%		94%	
PCB 1660 1.25 ppm icv	07240808	120%		108%	
MB07230801	07240810	95%		101%	
LCS07230801	07240811	79%		83%	
1660 1 ppm	07240819	103%		104%	
8024501	07240820	84%		84%	
8024501MS	07240821	86%		91%	
8024501MSD	7240822	90%		90%	
8024502	7240824	79%		79%	
8024503	7240825	82%		70%	
8024504	7240826	82%		76%	
8024505	7240827	66%		80%	
8024506	7240828	75%		83%	
1660 1 ppm	7240829	112%		110%	
8024507	7240830	79%		76%	
8024508	7240831	91%		72%	
8024509	7240832	91%		85%	
8024510	7240833	94%		67%	
8024511	7240834	76%		66%	
8024512	7240835	76%		69%	
8024513	7240836	85%		69%	
8024514	7240837	87%		70%	
8024515	7240838	51%		42%	
1660 1 ppm	7240839	113%		117%	
8024516	7240840	87%		67%	
8024517	7240841	91%		66%	
1660 1 ppm	7240842	114%		113%	

TCMX 24%-151%
DCBP 24%-151%

* = outside control limits

PROJECT : 80269
Client: U.S. Army, DPW, SELFM-PW-EV
Ext. Batch:
Matrix: Soil
Batch: 07310801
Analyst: JP
Analysis: PCB

LAB SAMPLE ID	LAB FILENAME	TCMX % REC		DCBP % REC	
MB07310801	07310806	105%		95%	
LCS07310801	07310807	99%		90%	
8026901	07310808	88%		90%	
8026901MS	07310809	67%		86%	
8026901MSD	07310810	33%		68%	
8026902	07310812	78%		89%	
8026903	07310813	81%		72%	
8026904	07310814	87%		78%	
8026905	07310817	82%		81%	
8026906	07310817	86%		86%	
8026907	07310818	81%		117%	
8026908	07310819	97%		83%	
8026909	07310820	103%		96%	
8026910	07310821	99%		100%	

TCMX **24%-151%**

DCBP **24%-151%**

* = outside control limits

PROJECT : 80271
Client: U.S. Army, DPW, SELFM-PW-EV
Ext. Batch:
Matrix: Soil
Batch: 07310801
Analyst: JP
Analysis: PCB

LAB SAMPLE ID	LAB FILENAME	TCMX % REC		DCBP % REC	
MB07310801	07310806	105%		95%	
LCS07310801	07310807	99%		90%	
8026901	07310808	88%		90%	
8026901MS	07310809	67%		86%	
8026901MSD	07310810	33%		68%	
8027101	07310824	103%		98%	
8027102	07310825	101%		89%	
8027103	07310826	90%		75%	
8027104	07310827	101%		118%	

TCMX 24%-151%
DCBP 24%-151%

* = outside control limits

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MS/MSD Report

MATRIX: Soil
Date Extracted: 7/23/2008
Ext. Batch: 07230801

Analyst: JP

Sample Spiked: 8024501
Sample File: 07240820.D **Analyzed on:** 07/24/08
MS File: 07240821.D **Analyzed on:** 07/24/08
MSD File: 07240822.D **Analyzed on:** 07/24/08

		Spike	Sample	MS Conc			MSD Conc					RECOVERY		RPD
CAS #	Analyte	Added	Conc		% Rec	Flag		% Rec	Flag	RPD	Flag	Limits	Limits	Limits
12674-11-2	Aroclor-1016	1000	0	877	88		1015	102		15		50	150	<20%
11096-82-5	Aroclor-1260	1000	23	934	91		1073	105		14		50	150	<20%

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MS/MSD Report

MATRIX: Soil
Date Extracted: 7/31/2008
Ext. Batch: 07310801

Analyst: JP

Sample Spiked: 8026901
Sample File: 07310808.D Analyzed on: 07/31/08
MS File: 07310809.D Analyzed on: 07/31/08
MSD File: 07310810.D Analyzed on: 07/31/08

		Spike	Sample	MS Conc			MSD Conc					RECOVERY		RPD
CAS #	Analyte	Added	Conc		% Rec	Flag		% Rec	Flag	RPD	Flag	Limits	Limits	Limits
12674-11-2	Aroclor-1016	1000	0	813	81		669	67		19		50	150	<20%
11096-82-5	Aroclor-1260	1000	0	854	85		707	71		19		50	150	<20%

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PCB EPA Method 8082
LCS Report

LCS07230801

MATRIX: Soil
Date Extracted: 7/23/2008
Filename: 07240811.D
Ext. Batch: 07230801
Date Analyzed: 7/24/2008

Analyst: JP

CAS #	Analyte	Spike Added	Sample Conc	% Rec	Lower Limits	Upper Limits	Flag
12674-11-2	Aroclor 1016	1000	834	83	40	140	
11096-82-5	Aroclor 1260	1000	919	92	60	130	

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PCB EPA Method 8082
LCS Report

LCS07310801

MATRIX: Soil
Date Extracted: 7/31/2008
Ext. Batch: 07310801
Date Analyzed: 7/31/2008

Filename: 07310807.D

Analyst: JP

CAS #	Analyte	Spike Added	Sample Conc	% Rec	Lower Limits	Upper Limits	Flag
12674-11-2	Aroclor 1016	1000	898	90	40	140	
11096-82-5	Aroclor 1260	1000	814	81	60	130	

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Evaluation of Retention Time Shift for Decachlorobiphenyl (DCBP)
Evaluation of Retention Time Shift for Tetrachloro-m-xylene (TCMX)

Instrument ID: HP 6890 **GC Column ID: Capillary RTX CLP**
PCB: Method 8082 **0.32 mm ID x 30 M, 0.5 um, 2,0 ul Inj vol**
GC Column ID: Capillary RTX CLPII
0.32 mm ID x 30 M, 0.5 um, 2,0 ul Inj vol
Init.Calib.Date(s) **7/15/2008**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES,
BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:
MEAN SURROGATE RT FROM CONTINUING CALIBRATION

TCMX:	11.06	DCBP:	25.61				
		DATE	TIME	TCMX		DCBP	
LAB SAMPLE ID	GC DATA FILE	ANALYZED	ANALYZED	RT		RT	
PCB 1660 2.5 ppm	07240803	7/24/2008	0941	11.05		25.60	
PCB 1660 1.0 ppm	07240804	7/24/2008	1015	11.06		25.60	
PCB 1660 0.5 ppm	07240805	7/24/2008	1048	11.06		25.60	
PCB 1660 0.1 ppm	07240806	7/24/2008	1122	11.06		25.60	
PCB 1660 .05 ppm	07240807	7/24/2008	1155	11.06		25.60	
PCB 1660 1.25 ppm icv	07240808	7/24/2008	1229	11.06		25.60	
MB07230801	07240810	7/24/2008	1545	11.05		25.60	
LCS07230801	07240811	7/24/2008	1618	11.06		25.60	
1660 1 ppm	07240819	7/24/2008	2047	11.06		25.61	
8024501	07240820	7/24/2008	2121	11.06		25.60	
8024501MS	07240821	7/24/2008	2154	11.06		25.60	
8024501MSD	07240822	7/24/2008	2228	11.06		25.61	
8024502	07240824	7/24/2008	2335	11.06		25.61	
8024503	07240825	7/25/2008	0015	11.06		25.61	
8024504	07240826	7/25/2008	0048	11.06		25.60	
8024505	07240827	7/25/2008	0122	11.06		25.60	
8024506	07240828	7/25/2008	0155	11.06		25.60	
1660 1 ppm	07240829	7/25/2008	0229	11.06		25.60	
8024507	07240830	7/25/2008	0302	11.06		25.59	
8024508	07240831	7/25/2008	0336	11.06		25.60	
8024509	07240832	7/25/2008	0409	11.06		25.60	
8024510	07240833	7/25/2008	0443	11.06		25.60	
8024511	07240834	7/25/2008	0516	11.06		25.60	
8024512	07240835	7/25/2008	0550	11.06		25.60	
8024513	07240836	7/25/2008	0624	11.06		25.60	
8024514	07240837	7/25/2008	0657	11.06		25.60	
8024515	07240838	7/25/2008	0731	11.06		25.60	
1660 1 ppm	07240839	7/25/2008	0804	11.06		25.60	
8024516	07240840	7/25/2008	0838	11.06		25.60	
8024517	07240841	7/25/2008	0911	11.06		25.60	
1660 1 ppm	07240842	7/25/2008	0945	11.06		25.61	

	QC Limits	Lower Limit	Upper Limit
TCMX = Tetrachloro-m-xylene	(± 0.05 minutes)	11.01	11.11
DCBP = Decachlorobiphenyl	(± 0.10 minutes)	25.51	25.71

 # Column used to flag RT values with an asterisk.
*** Values outside of QC limits**

Ft. Monmouth Environmental Laboratory
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Ft. Monmouth, NJ 07703

Evaluation of Retention Time Shift for Decachlorobiphenyl (DCBP)
Evaluation of Retention Time Shift for Tetrachloro-m-xylene (TCMX)

Instrument ID: HP 6890 **GC Column ID: Capillary RTX CLP**
PCB: Method 8082 **0.32 mm ID x 30 M, 0.5 um, 2,0 ul Inj vol**
GC Column ID: Capillary RTX CLPII
0.32 mm ID x 30 M, 0.5 um, 2,0 ul Inj vol
Init.Calib.Date(s) **7/15/2008**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES,
BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:
MEAN SURROGATE RT FROM CONTINUING CALIBRATION

TCMX:	11.06	DCBP:	25.62				
LAB SAMPLE ID	**GC DATA FILE**	**DATE ANALYZED**	**TIME ANALYZED**	**TCMX RT**		**DCBP RT**	
1.25 ppm 1260 2nd source	07310803	7/31/2008	1544	11.06		25.62	
1.0 ppm 1660	07310804	7/31/2008	1617	11.06		25.62	
MB07310801	07310806	7/31/2008	1724	11.06		25.62	
LCS07310801	07310807	7/31/2008	1758	11.06		25.62	
8026901	07310808	7/31/2008	1832	11.06		25.62	
8026901MS	07310809	7/31/2008	1905	11.06		25.62	
8026901MSD	07310810	7/31/2008	1939	11.06		25.62	
8026902	07310812	7/31/2008	2046	11.06		25.62	
8026903	07310813	7/31/2008	2120	11.06		25.62	
8026904	07310814	7/31/2008	2156	11.06		25.62	
1.0 ppm 1660	07310815	7/31/2008	2227	11.06		25.62	
8026905	07310817	7/31/2008	2301	11.06		25.62	
8026906	07310817	7/31/2008	2334	11.06		25.62	
8026907	07310818	8/1/2008	0011	11.06		25.62	
8026908	07310819	8/1/2008	0045	11.06		25.62	
8026909	07310820	8/1/2008	0118	11.06		25.61	
8026910	07310821	8/1/2008	0152	11.06		25.62	
1.0 ppm 1660	07310822	8/1/2008	0226	11.06		25.62	
8027101	07310824	8/1/2008	0333	11.06		25.61	
8027102	07310825	8/1/2008	0406	11.06		25.62	
8027103	07310826	8/1/2008	0440	11.06		25.62	
8027104	07310827	8/1/2008	0514	11.06		25.62	
1660 1.0 ppm	07310830	8/1/2008	0654	11.06		25.62	

	QC Limits	Lower Limit	Upper Limit
TCMX = Tetrachloro-m-xylene	**(± 0.05 minutes)**	**11.01**	**11.11**
DCBP = Decachlorobiphenyl	**(± 0.10 minutes)**	**25.52**	**25.72**

 # Column used to flag RT values with an asterisk.
*** Values outside of QC limits**

Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240810.D\ECD1A.CH Vial: 9
Signal #2 : C:\HPCHEM\1\DATA\072408\07240810.D\ECD2B.CH
Acq On : 24 Jul 2008 3:45 pm Operator: JP
Sample : MB07230801 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 24 17:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.05	10.48f	191.0E6	100.8E6	47.273	46.865
Spiked Amount 50.000 Range 24 - 151 Recovery =					94.55%	93.73%
14) S Decachlorobiphen	25.60	25.78f	200.9E6	115.0E6	45.012	50.734
Spiked Amount 50.000 Range 24 - 151 Recovery =					90.02%	101.47%
Target Compounds						
3) L1 PCB 1016 {2}	13.25	13.11	7432703	3566973	59.504	51.479
4) L1 PCB 1016 {3}	13.85	13.74	3746795	1238947	69.020	40.697 #
5) L1 PCB 1016 {4}	14.52	14.27f	6664695	1651359	46.572	21.042 #
6) L1 PCB 1016 {5}	15.99f	0.00	6005766	0	71.386	N.D. #
7) L1 PCB 1016 Total	0.00	0.00	23849958	6457279	50.280m	24.586m#
9) L2 PCB 1260 {2}	20.26f	19.29f	20621830	1717598	86.087	17.820 #
10) L2 PCB 1260 {3}	0.00	20.41f	0	7584111	N.D.	110.650 #
11) L2 PCB 1260 {4}	21.86	21.64	3787220	2248853	11.853	14.089
13) L2 PCB 1260 Total	0.00	0.00	24409050	11550562	27.574m	24.651m

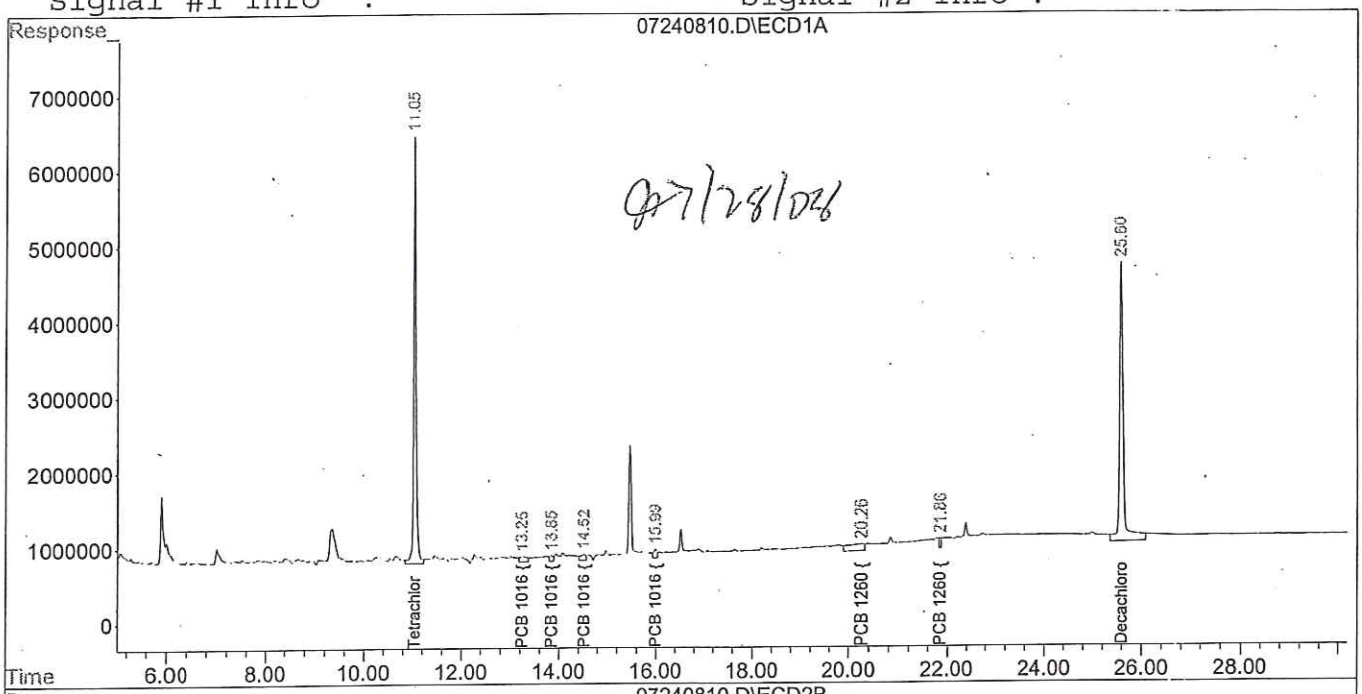
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

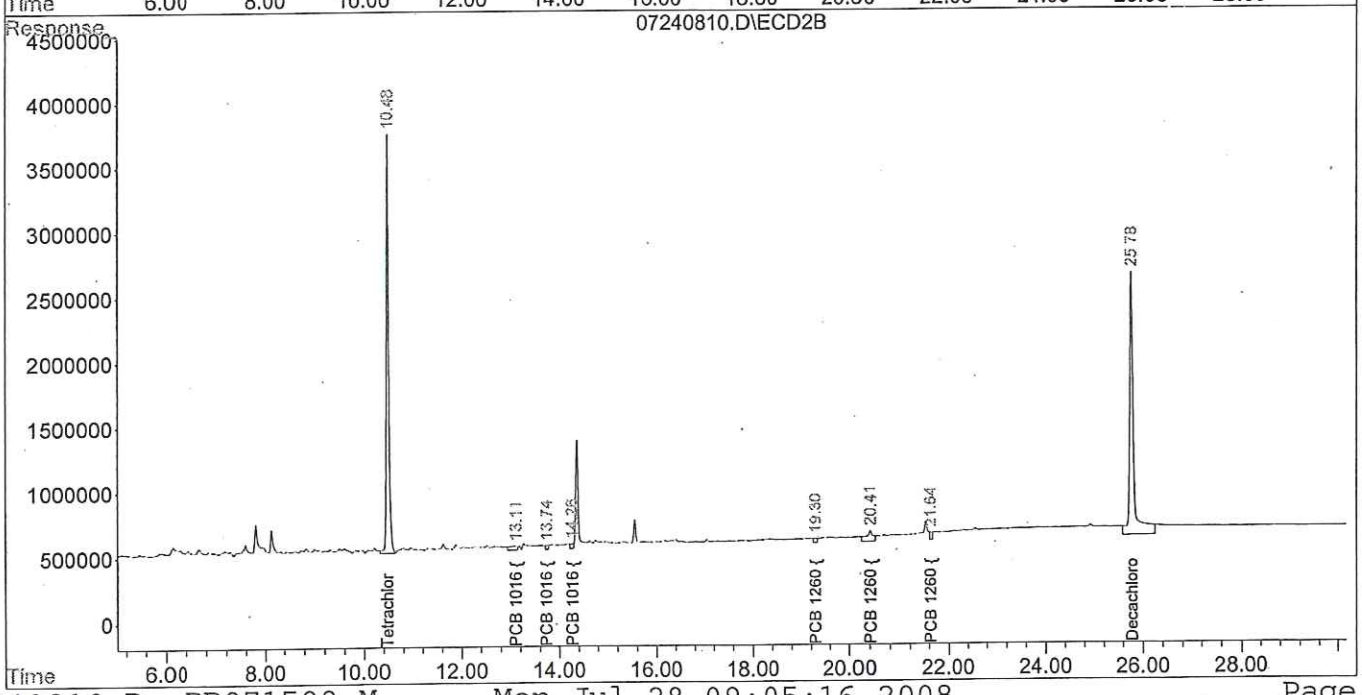
Signal #1 : C:\HPCHEM\1\DATA\072408\07240810.D\ECD1A.CH Vial: 9
Signal #2 : C:\HPCHEM\1\DATA\072408\07240810.D\ECD2B.CH
Acq On : 24 Jul 2008 3:45 pm Operator: JP
Sample : MB07230801 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 24 17:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



07/28/08



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310806.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\073108\07310806.D\ECD2B.CH
Acq On : 31 Jul 2008 5:24 pm Operator: JP
Sample : MB07310801 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:52 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	197.7E6	113.1E6	48.946	52.615
Spiked Amount 50.000 Range 24 - 151 Recovery =					97.89%	105.23%
14) S Decachlorobiphen	25.62	25.80	183.9E6	107.3E6	41.193m	47.317
Spiked Amount 50.000 Range 24 - 151 Recovery =					82.39%	94.63%
Target Compounds						
3) L1 PCB 1016 {2}	13.25	13.12	11868600	2929236	95.017	42.275 #
4) L1 PCB 1016 {3}	13.87f	13.76	5250185	1707351	96.715	56.083 #
5) L1 PCB 1016 {4}	14.54	14.28f	9083326	2144498	63.473	27.325 #
6) L1 PCB 1016 {5}	0.00	15.86f	0	3686465	N.D.	80.075 #
7) L1 PCB 1016 Total	0.00	0.00	26202111	10467550	55.238m	39.855m#
8) L2 PCB 1260 {1}	0.00	18.81f	0	2639677	N.D.	30.737 #
9) L2 PCB 1260 {2}	20.31	19.30	7794231	934657	32.538	9.697 #
10) L2 PCB 1260 {3}	0.00	20.32f	0	424617	N.D.	6.195 #
11) L2 PCB 1260 {4}	21.88f	0.00	7837444	0	24.530	N.D. #
12) L2 PCB 1260 {5}	24.13f	24.00	6833632	1406816	72.441	24.200 #
13) L2 PCB 1260 Total	0.00	0.00	22465308	5405766	25.378m	11.537m#

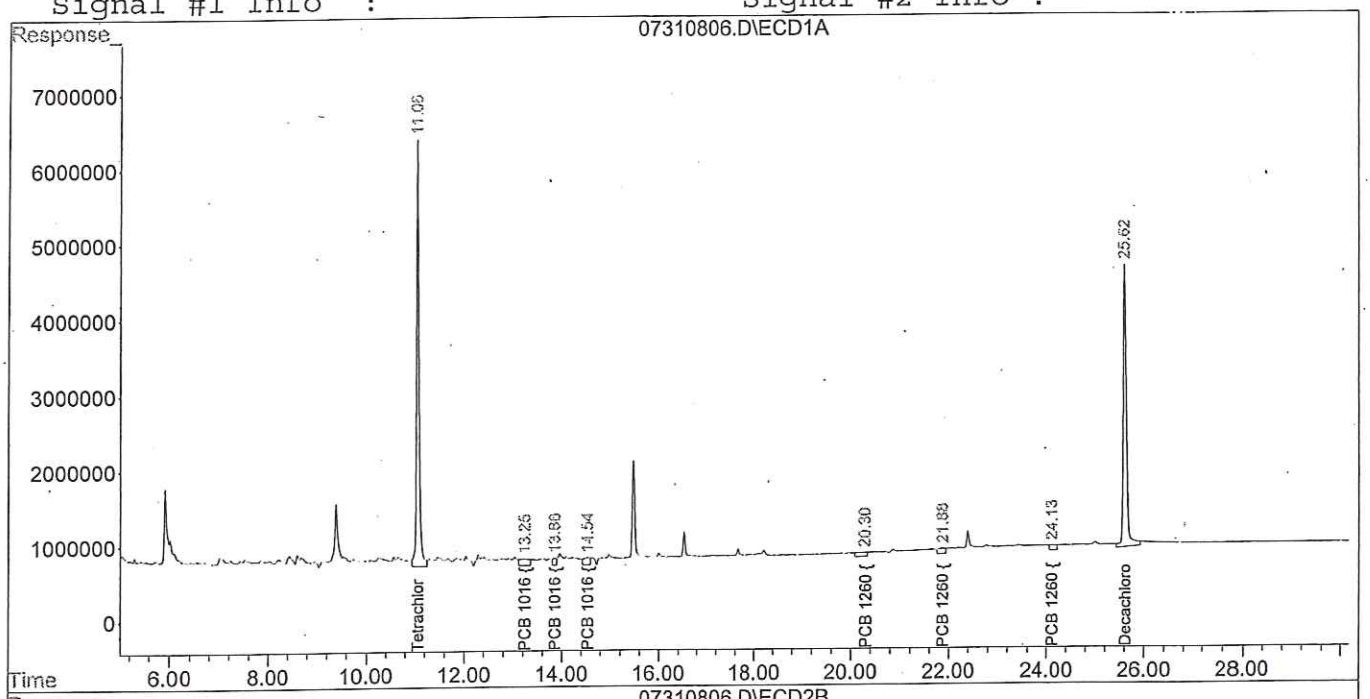
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

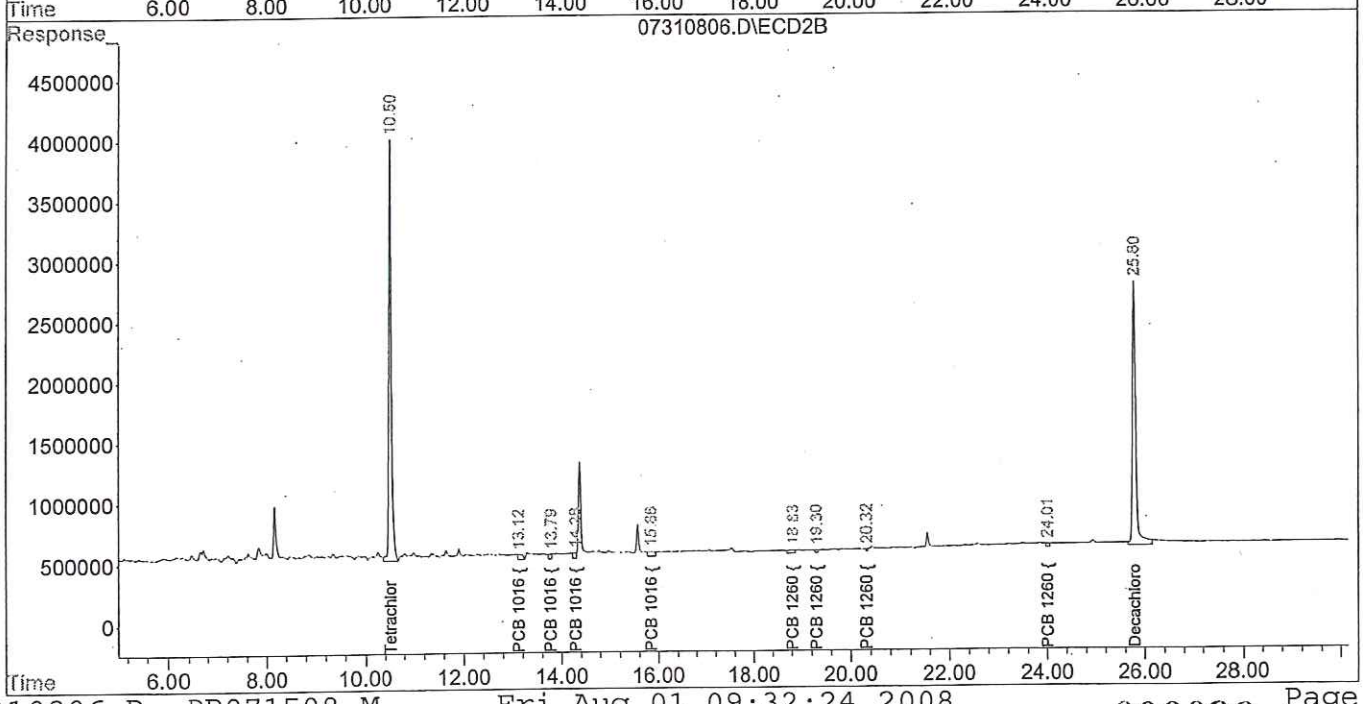
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310806.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\073108\07310806.D\ECD2B.CH
Acq On : 31 Jul 2008 5:24 pm Operator: JP
Sample : MB07310801 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:52 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240820.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\072408\07240820.D\ECD2B.CH
Acq On : 24 Jul 2008 9:21 pm Operator: JP
Sample : 8024501 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:04 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	167.9E6	90352351	41.578	42.014
Spiked Amount 50.000 Range 24 - 151 Recovery =					83.16%	84.03%
14) S Decachlorobiphen	25.60	25.79	174.7E6	95002660	39.132m	41.913m
Spiked Amount 50.000 Range 24 - 151 Recovery =					78.26%	83.83%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.12	0	1094623	N.D.	15.798 #
4) L1 PCB 1016 {3}	13.85	13.76	1852662	600207	34.128	19.715 #
5) L1 PCB 1016 {4}	14.53	0.00	4194606	0	29.311	N.D. #
6) L1 PCB 1016 {5}	15.99f	15.79	2696442	505412	32.051	10.978 #
7) L1 PCB 1016 Total	0.00	0.00	8743710	2200242	18.433m	8.377m#
8) L2 PCB 1260 {1}	18.94	18.83	2753326	2475207	18.062m	28.822m#
9) L2 PCB 1260 {2}	20.31	19.31	5441775	1874137	22.717m	19.444m
10) L2 PCB 1260 {3}	21.23	20.36	2620539	2033799	33.004m	29.673m
11) L2 PCB 1260 {4}	21.84	21.61	8003917	3277233	25.051m	20.532m
12) L2 PCB 1260 {5}	24.15	23.96f	1817786	1249250	~~19.270m~~	21.490m
13) L2 PCB 1260 Total	0.00	0.00	20637343	10909627	23.313m	23.283m

PCB-1260

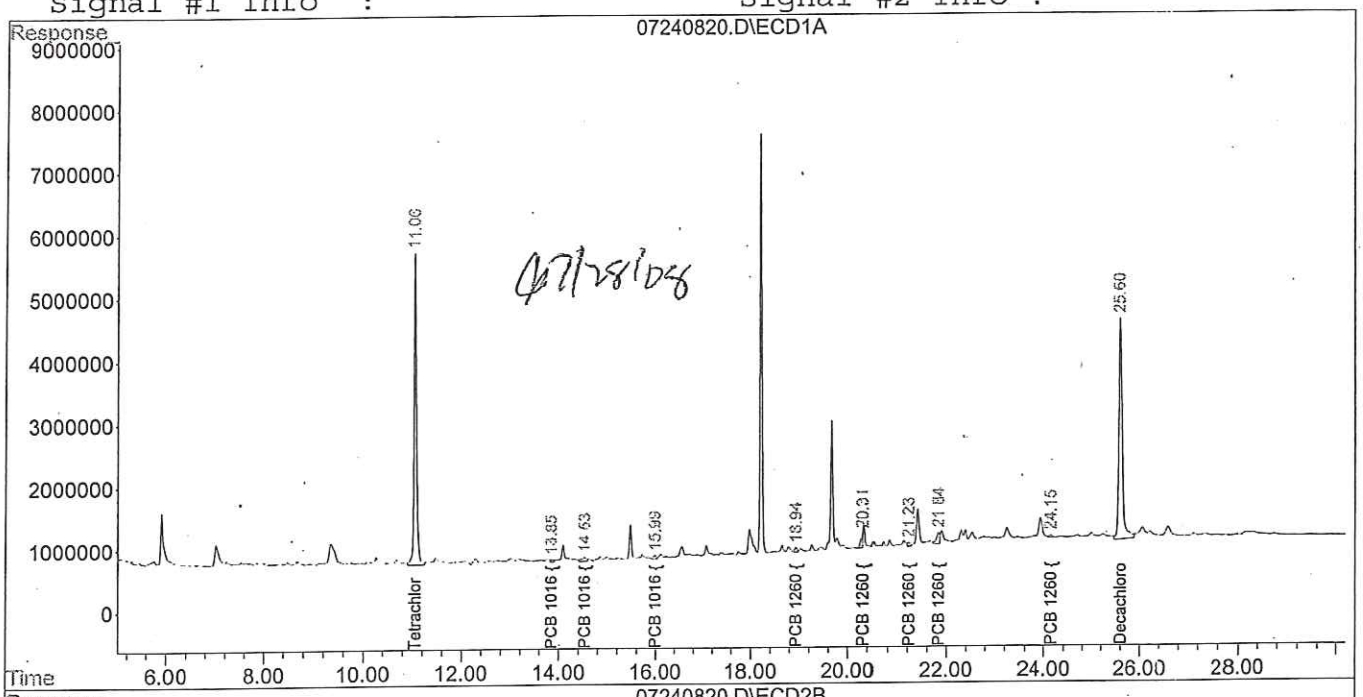
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

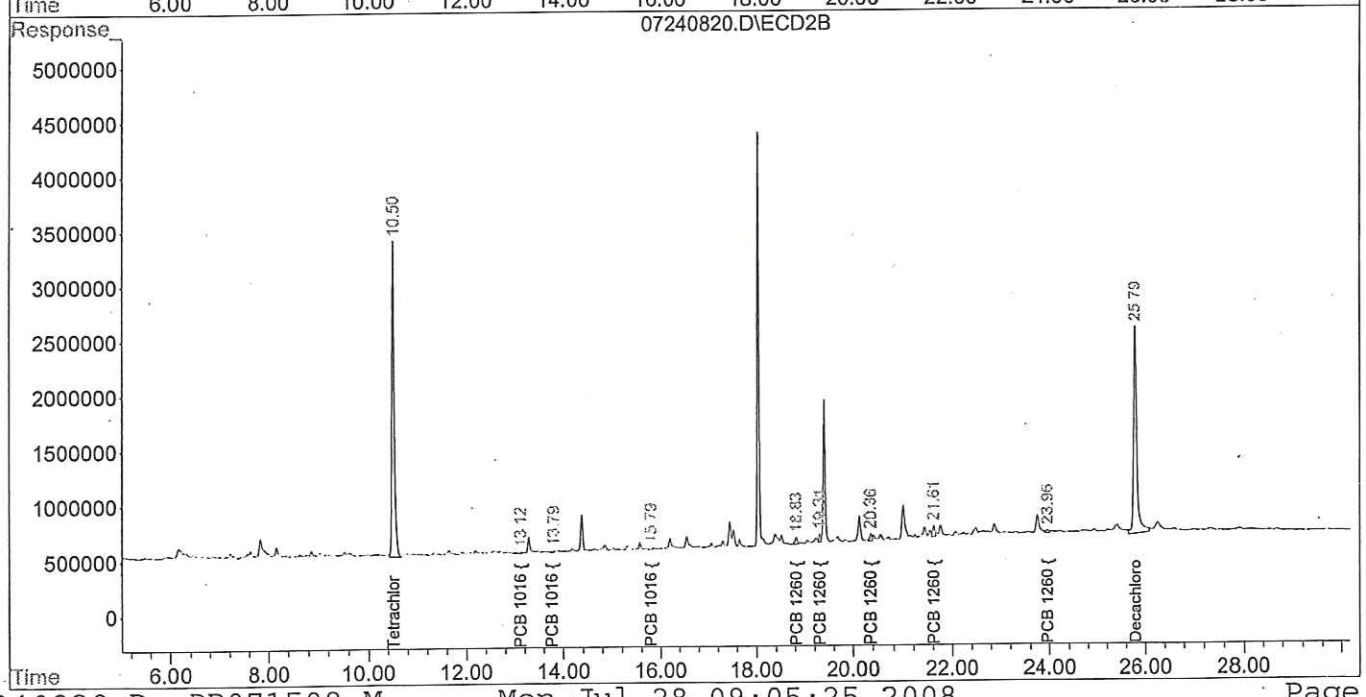
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240820.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\072408\07240820.D\ECD2B.CH
Acq On : 24 Jul 2008 9:21 pm Operator: JP
Sample : 8024501 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:04 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240824.D\ECD1A.CH Vial: 19
Signal #2 : C:\HPCHEM\1\DATA\072408\07240824.D\ECD2B.CH
Acq On : 24 Jul 2008 11:35 pm Operator: JP
Sample : 8024502 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:38 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	159.5E6	79167492	39.488	36.813
Spiked Amount 50.000 Range 24 - 151 Recovery =					78.98%	73.63%
14) S Decachlorobiphen	25.61	25.79	169.8E6	89967147	38.031m	39.692m
Spiked Amount 50.000 Range 24 - 151 Recovery =					76.06%	79.38%
Target Compounds						
3) L1 PCB 1016 {2}	13.19f	13.11	13095182	1478239	104.836	21.334 #
4) L1 PCB 1016 {3}	13.86f	0.00	5378304	0	99.075	N.D. #
5) L1 PCB 1016 {4}	14.53	14.26f	9926140	829888	69.363	10.575 #
6) L1 PCB 1016 {5}	0.00	15.80	0	1102995	N.D.	23.959 #
7) L1 PCB 1016 Total	0.00	0.00	28399626	3411122	59.871m	12.988m#
8) L2 PCB 1260 {1}	18.94	18.83	17797999	2429196	116.755	28.286 #
9) L2 PCB 1260 {2}	20.28	19.31	44507519	1719030	185.799	17.835 #
10) L2 PCB 1260 {3}	21.25	0.00	12430099	0	156.547	N.D. #
11) L2 PCB 1260 {4}	21.82f	21.61	27444232	4080578	85.897	25.565 #
12) L2 PCB 1260 {5}	24.15	23.95f	47717578	27406522	505.836	471.448
13) L2 PCB 1260 Total	0.00	0.00	149.9E6	35635326	169.333m	76.053m#

ND

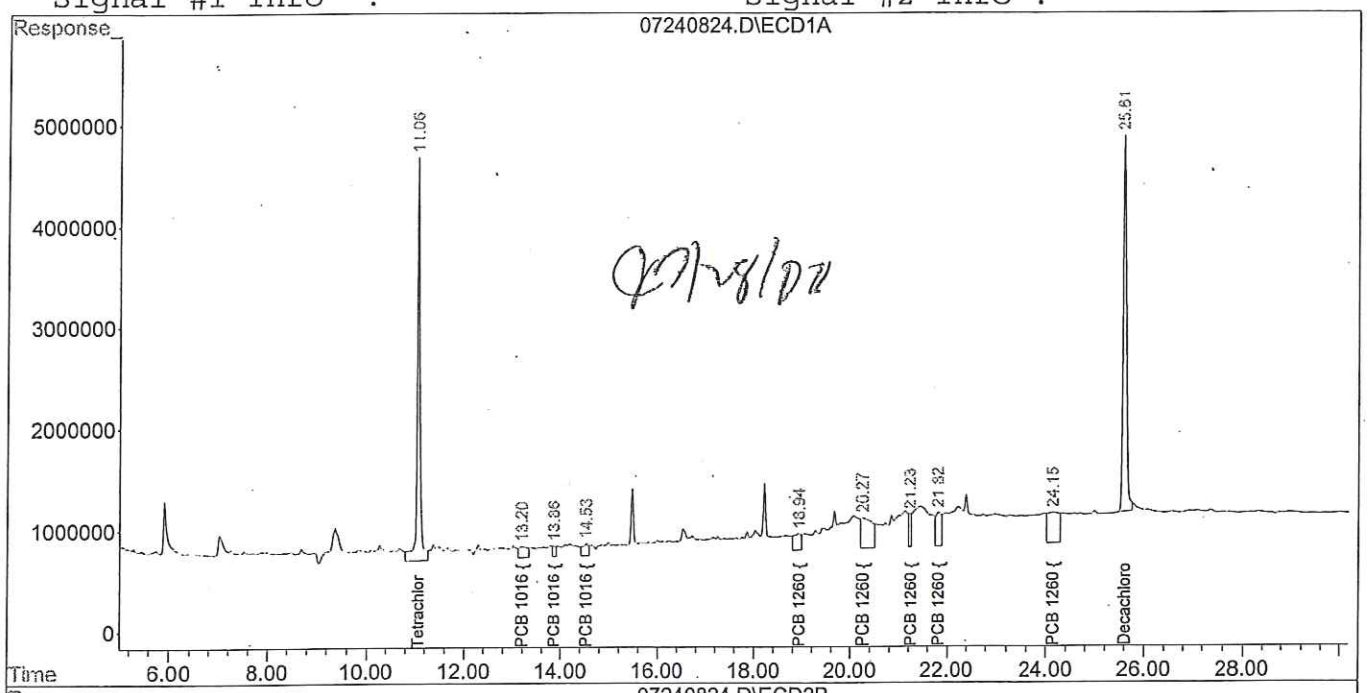
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

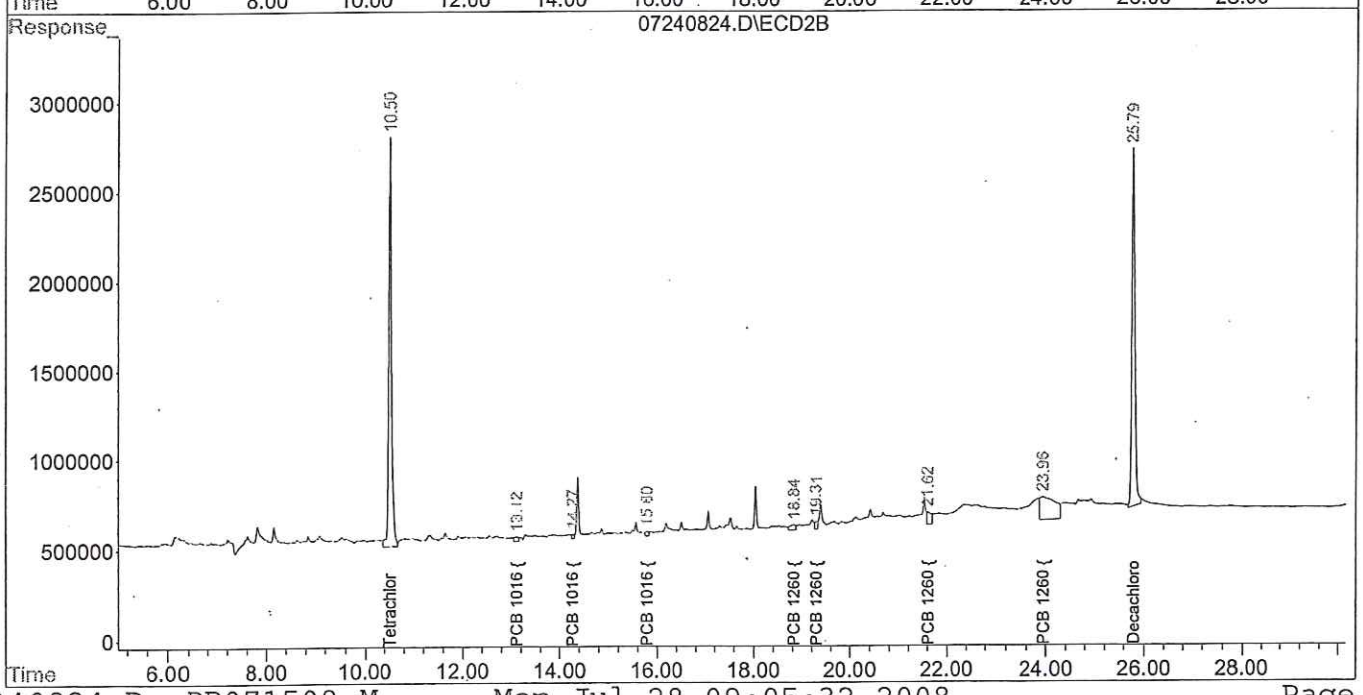
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240824.D\ECD1A.CH Vial: 19
Signal #2 : C:\HPCHEM\1\DATA\072408\07240824.D\ECD2B.CH
Acq On : 24 Jul 2008 11:35 pm Operator: JP
Sample : 8024502 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:38 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240825.D\ECD1A.CH Vial: 20
Signal #2 : C:\HPCHEM\1\DATA\072408\07240825.D\ECD2B.CH
Acq On : 25 Jul 2008 12:15 am Operator: JP
Sample : 8024503 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:39 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	165.3E6	88598518	40.921	41.199
Spiked Amount 50.000 Range 24 - 151 Recovery =					81.84%	82.40%
14) S Decachlorobiphen	25.61	25.79	133.8E6	79093016	29.985m	34.894m
Spiked Amount 50.000 Range 24 - 151 Recovery =					59.97%	69.79%
Target Compounds						
3) L1 PCB 1016 {2}	13.25	13.09	8398775	4876271	67.238	70.374
4) L1 PCB 1016 {3}	13.86f	13.75	4963664	950785	91.437	31.231 #
5) L1 PCB 1016 {4}	14.53	14.28f	7305608	1098412	51.051	13.996 #
7) L1 PCB 1016 Total	0.00	0.00	20668048	6925468	43.572m	26.369m#
8) L2 PCB 1260 {1}	18.95	0.00	2625938	0	17.226	N.D. #
10) L2 PCB 1260 {3}	0.00	20.33f	0	1583286	N.D.	23.100 #
11) L2 PCB 1260 {4}	21.87	21.66f	4514992	4349928	14.131	27.252 #
12) L2 PCB 1260 {5}	0.00	23.98	0	2466304	N.D.	42.425 #
13) L2 PCB 1260 Total	0.00	0.00	7140930	8399518	8.067m	17.926m#

NP

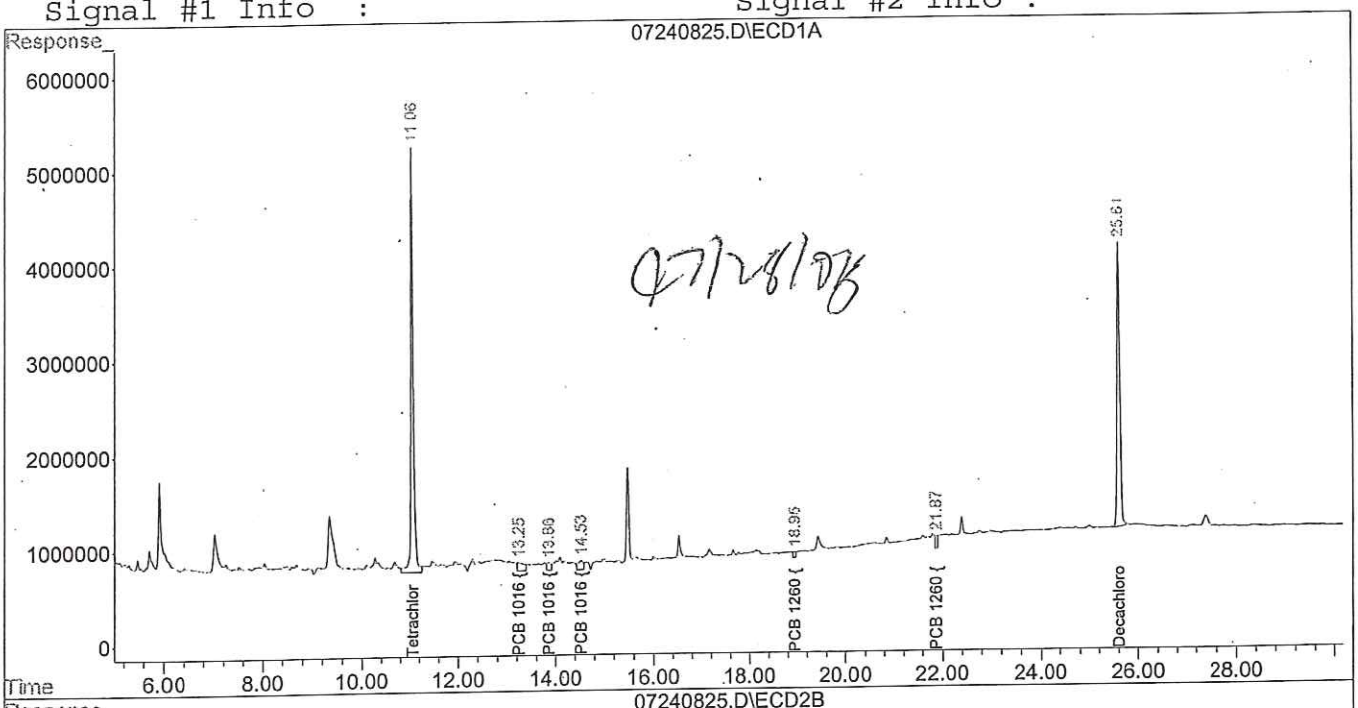
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

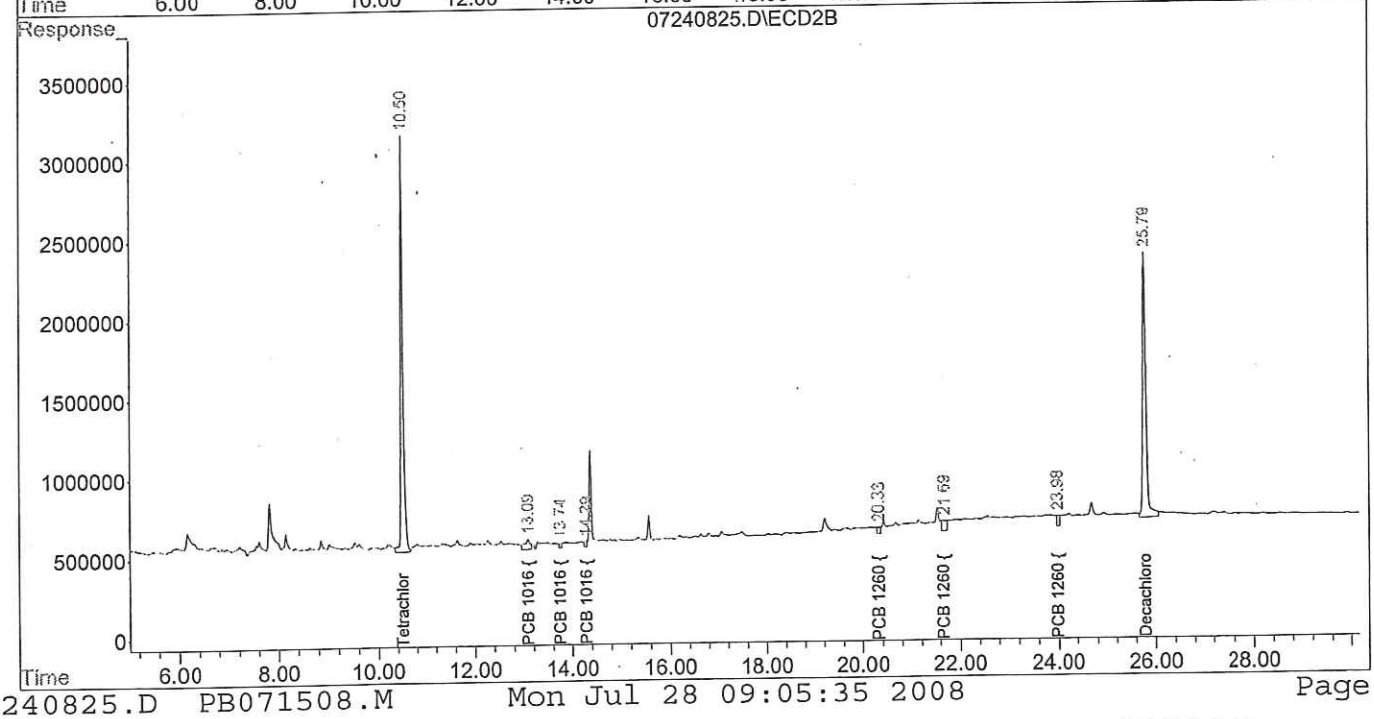
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240825.D\ECD1A.CH Vial: 20
Signal #2 : C:\HPCHEM\1\DATA\072408\07240825.D\ECD2B.CH
Acq On : 25 Jul 2008 12:15 am Operator: JP
Sample : 8024503 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:39 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240826.D\ECD1A.CH Vial: 21
Signal #2 : C:\HPCHEM\1\DATA\072408\07240826.D\ECD2B.CH
Acq On : 25 Jul 2008 12:48 am Operator: JP
Sample : 8024504 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:39 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	163.2E6	87741295	40.409	40.800
Spiked Amount 50.000 Range 24 - 151 Recovery =					80.82%	81.60%
14) S Decachlorobiphen	25.60	25.79	158.6E6	85695441	35.532m	37.807m
Spiked Amount 50.000 Range 24 - 151 Recovery =					71.06%	75.61%
Target Compounds						
2) L1 PCB 1016 {1}	0.00	11.95f	0	7286270	N.D.	189.811 #
3) L1 PCB 1016 {2}	0.00	13.10	0	1577151	N.D.	22.761 #
4) L1 PCB 1016 {3}	13.86f	13.77	4163859	833369	76.703	27.374 #
5) L1 PCB 1016 {4}	14.53	0.00	5101979	0	35.652	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.78f	6511711	1045609	77.400	22.712 #
7) L1 PCB 1016 Total	0.00	0.00	15777549	10742399	33.262m	40.902m
8) L2 PCB 1260 {1}	0.00	18.87f	0	3287199	N.D.	38.277 #
9) L2 PCB 1260 {2}	20.33f	0.00	13150053	0	54.896	N.D. #
10) L2 PCB 1260 {3}	21.24	20.42f	11491201	3151941	144.722	45.986 #
11) L2 PCB 1260 {4}	21.81f	21.66f	30707685	5278942	96.111	33.073 #
12) L2 PCB 1260 {5}	24.19	23.97	21169889	2532731	224.414	43.568 #
13) L2 PCB 1260 Total	0.00	0.00	76518828	14250814	86.440m	30.414m#

ND

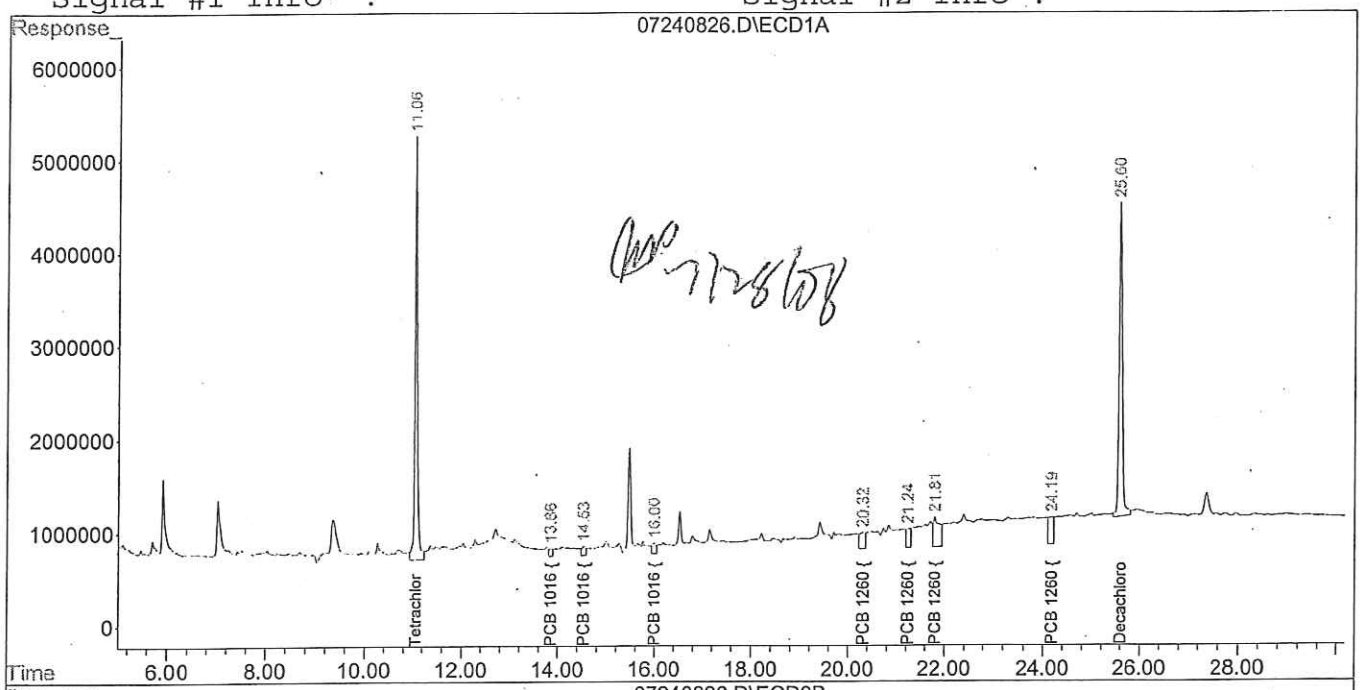
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

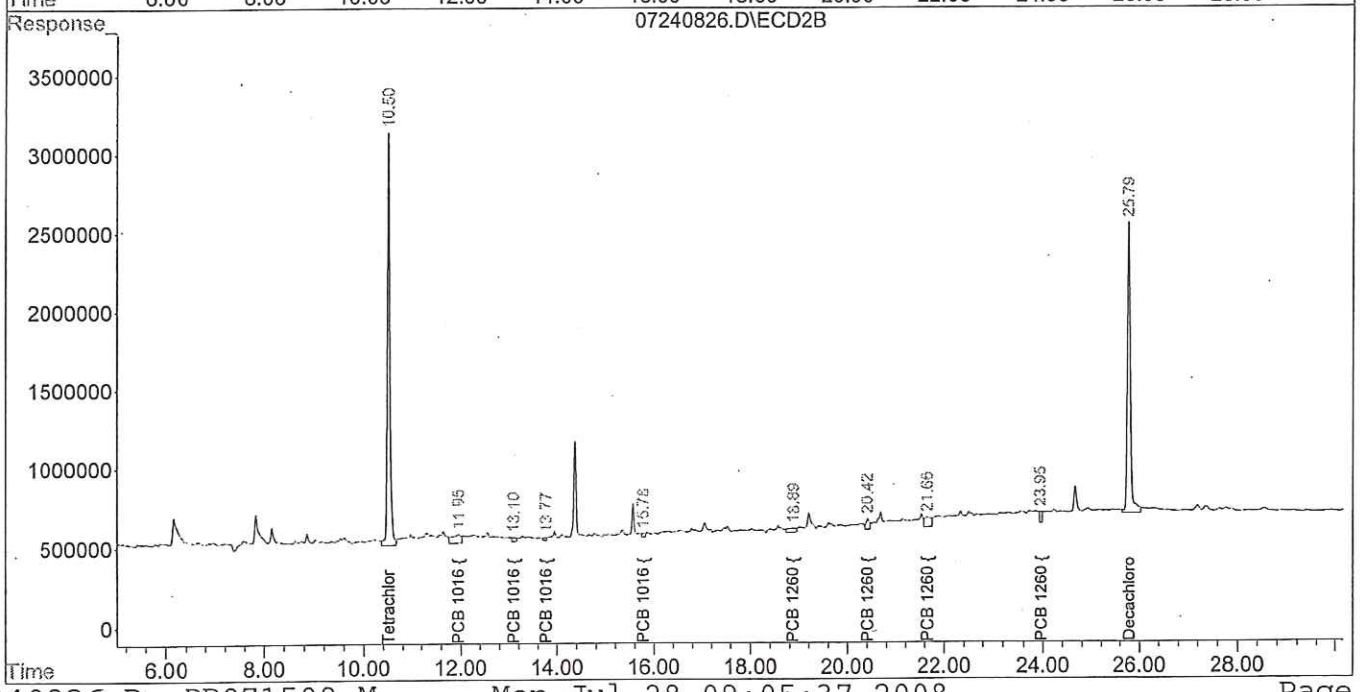
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240826.D\ECD1A.CH Vial: 21
Signal #2 : C:\HPCHEM\1\DATA\072408\07240826.D\ECD2B.CH
Acq On : 25 Jul 2008 12:48 am Operator: JP
Sample : 8024504 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:39 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240827.D\ECD1A.CH Vial: 22
Signal #2 : C:\HPCHEM\1\DATA\072408\07240827.D\ECD2B.CH
Acq On : 25 Jul 2008 1:22 am Operator: JP
Sample : 8024505 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:19 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	123.2E6	70569422	30.501m	32.815m
Spiked Amount 50.000 Range 24 - 151 Recovery =					61.00%	65.63%
14) S Decachlorobiphen	25.60	25.79	163.5E6	90226535	36.619m	39.806m
Spiked Amount 50.000 Range 24 - 151 Recovery =					73.24%	79.61%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	6105658	N.D.	88.117 #
4) L1 PCB 1016 {3}	13.86f	13.76	4405617	2270847	81.157	74.592
5) L1 PCB 1016 {4}	14.53	0.00	12351135	0	86.308	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.81	8798236	1689348	104.579	36.695 #
7) L1 PCB 1016 Total	0.00	0.00	25554988	10065853	53.874m	38.326m#
8) L2 PCB 1260 {1}	18.94	18.82	1309233	952583	8.589m	11.092m#
9) L2 PCB 1260 {2}	20.28	19.31	2831861	1062140	11.822m	11.019m
10) L2 PCB 1260 {3}	21.23	20.36	624013	334312	7.859m	4.878m#
11) L2 PCB 1260 {4}	21.84	21.61	3382581	1061579	10.587m	6.651m#
12) L2 PCB 1260 {5}	24.14f	23.96f	857140	447023	9.086m	7.690m
13) L2 PCB 1260 Total	0.00	0.00	9004828	3857637	10.172m	8.233m

1260

NO < MDL

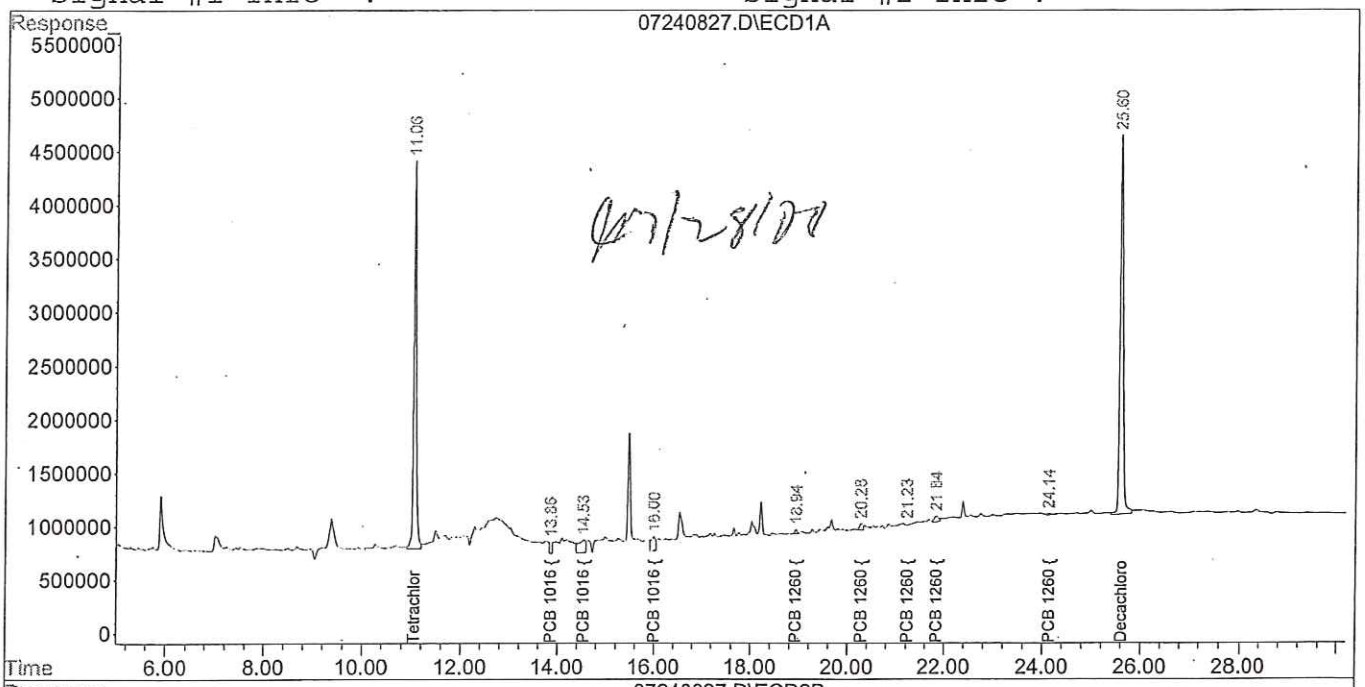
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

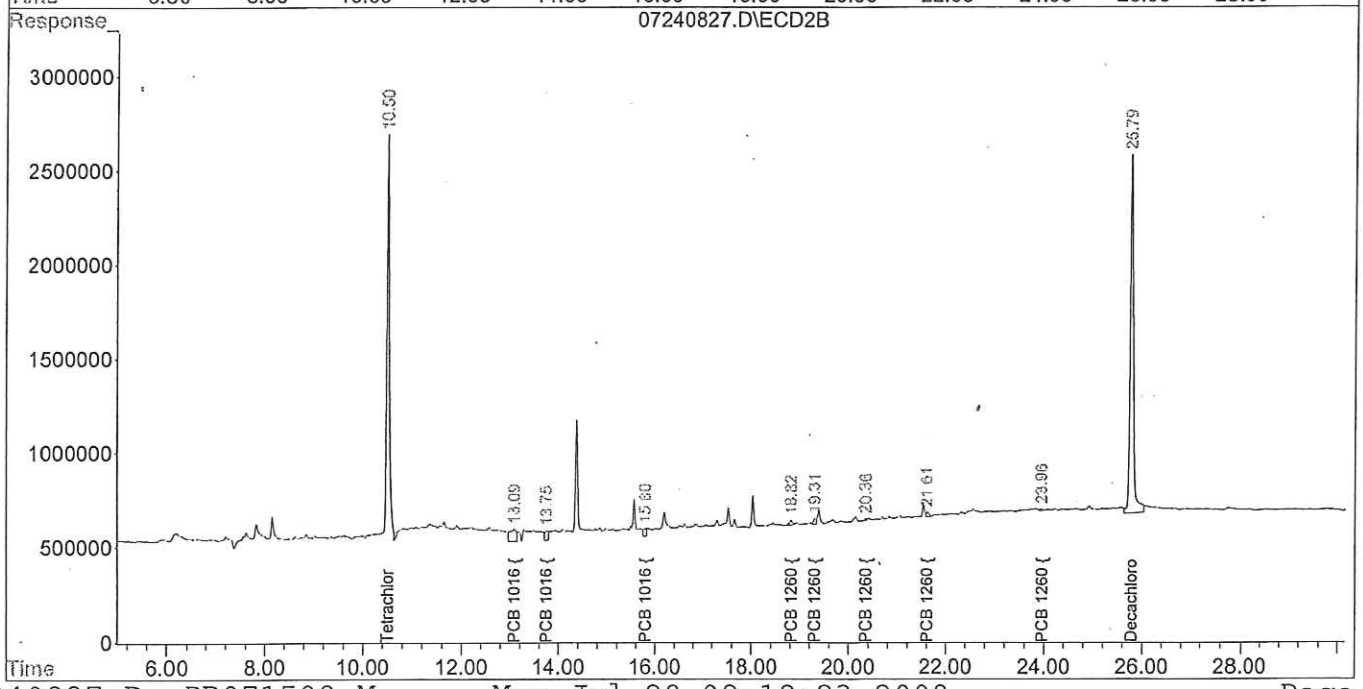
Signal #1 : C:\HPCHEM\1\DATA\072408\07240827.D\ECD1A.CH Vial: 22
Signal #2 : C:\HPCHEM\1\DATA\072408\07240827.D\ECD2B.CH
Acq On : 25 Jul 2008 1:22 am Operator: JP
Sample : 8024505 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:19 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



07/28/08



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240828.D\ECD1A.CH Vial: 23
Signal #2 : C:\HPCHEM\1\DATA\072408\07240828.D\ECD2B.CH
Acq On : 25 Jul 2008 1:55 am Operator: JP
Sample : 8024506 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	145.6E6	80576442	36.049	37.468
Spiked Amount 50.000 Range 24 - 151 Recovery =					72.10%	74.94%
14) S Decachlorobiphen	25.60	25.78f	178.6E6	93646686	40.010m	41.315m
Spiked Amount 50.000 Range 24 - 151 Recovery =					80.02%	82.63%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	3371877	N.D.	48.663 #
4) L1 PCB 1016 {3}	13.86f	13.76	3054350	1046416	56.265	34.372 #
5) L1 PCB 1016 {4}	14.52	0.00	5825765	0	40.710	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.86f	6275961	2580785	74.598	56.058
7) L1 PCB 1016 Total	0.00	0.00	15156076	6999078	31.952m	26.649m
8) L2 PCB 1260 {1}	0.00	18.81f	0	3317265	N.D.	38.627 #
9) L2 PCB 1260 {2}	0.00	19.29f	0	1383598	N.D.	14.355 #
10) L2 PCB 1260 {3}	21.22	20.33f	10229761	2067087	128.836	30.158 #
11) L2 PCB 1260 {4}	21.80f	21.64	21526096	2058879	67.374	12.899 #
12) L2 PCB 1260 {5}	0.00	23.99	0	1203330	N.D.	20.700 #
13) L2 PCB 1260 Total	0.00	0.00	31755857	10030159	35.873m	21.406m#

NO

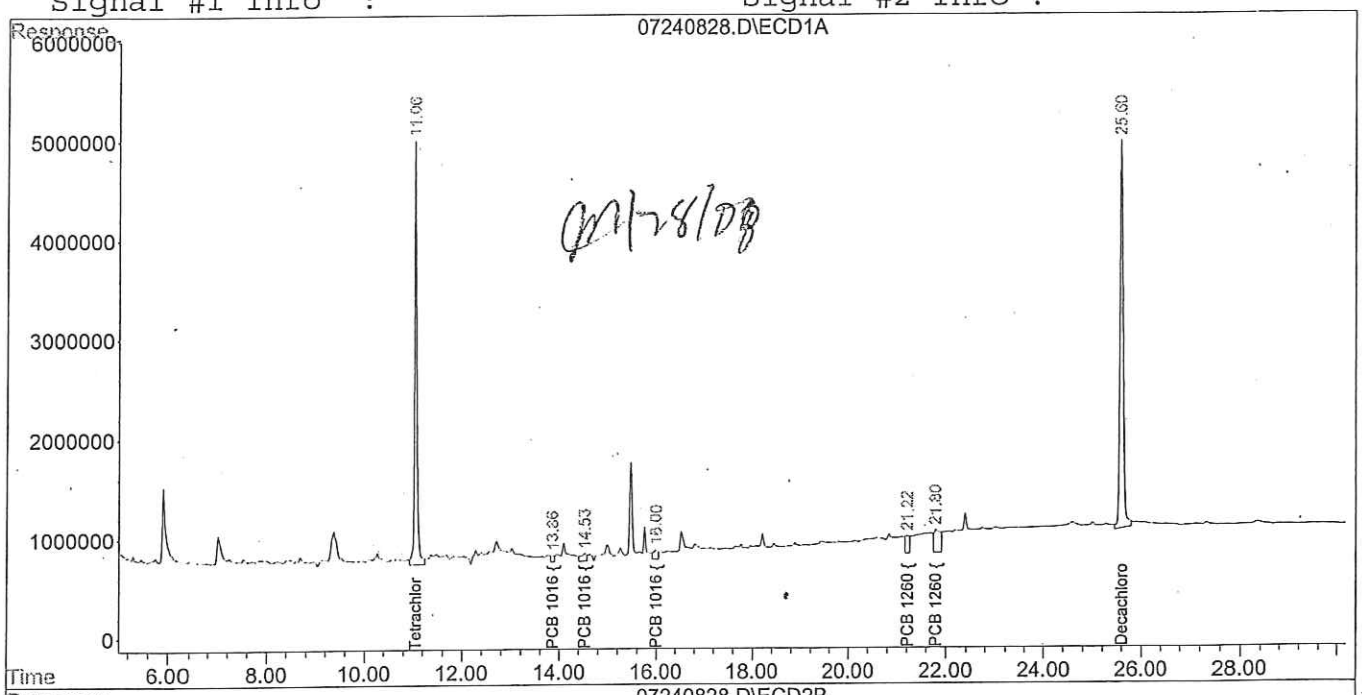
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

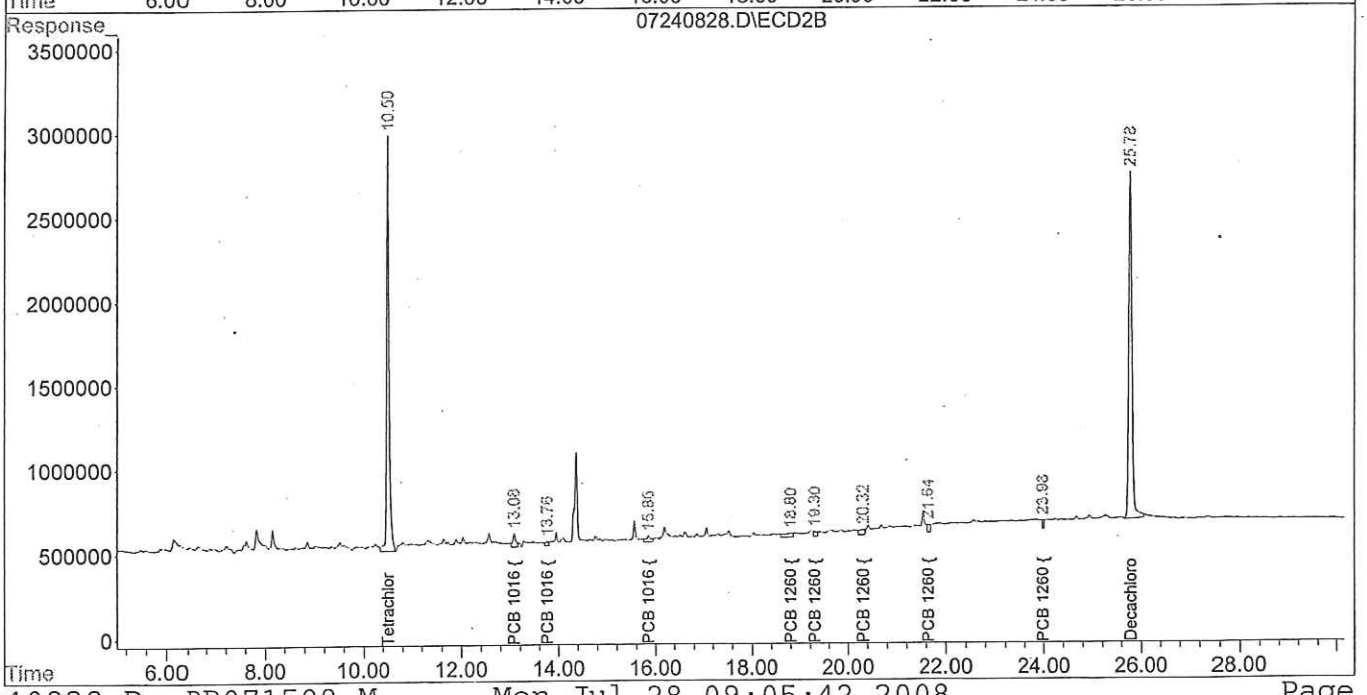
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240828.D\ECD1A.CH Vial: 23
Signal #2 : C:\HPCHEM\1\DATA\072408\07240828.D\ECD2B.CH
Acq On : 25 Jul 2008 1:55 am Operator: JP
Sample : 8024506 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240830.D\ECD1A.CH Vial: 25
Signal #2 : C:\HPCHEM\1\DATA\072408\07240830.D\ECD2B.CH
Acq On : 25 Jul 2008 3:02 am Operator: JP
Sample : 8024507 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:41 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	159.3E6	84244734	39.427	39.174
Spiked Amount 50.000 Range 24 - 151 Recovery =					78.85%	78.35%
14) S Decachlorobiphen	25.59f	25.78f	159.5E6	86215525	35.732m	38.037m
Spiked Amount 50.000 Range 24 - 151 Recovery =					71.46%	76.07%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	7786258	N.D.	112.371 #
4) L1 PCB 1016 {3}	13.86f	13.75	3619230	1196111	66.670	39.289 #
5) L1 PCB 1016 {4}	14.52	14.28f	3379024	1045443	23.612	13.321 #
6) L1 PCB 1016 {5}	16.00f	15.80	5310141	916782	63.118	19.914 #
7) L1 PCB 1016 Total	0.00	0.00	12308395	10944593	25.948m	41.672m#
8) L2 PCB 1260 {1}	18.94	18.84	2505792	2277112	16.438	26.515 #
9) L2 PCB 1260 {2}	20.32f	0.00	8267785	0	34.514	N.D. #
10) L2 PCB 1260 {3}	0.00	20.41f	0	4003208	N.D.	58.406 #
11) L2 PCB 1260 {4}	21.80f	21.66f	10841668	3207759	33.933	20.097 #
12) L2 PCB 1260 {5}	24.19	23.96f	4645985	2519808	49.250	43.346
13) L2 PCB 1260 Total	0.00	0.00	26261230	12007887	29.666m	25.627m

ND

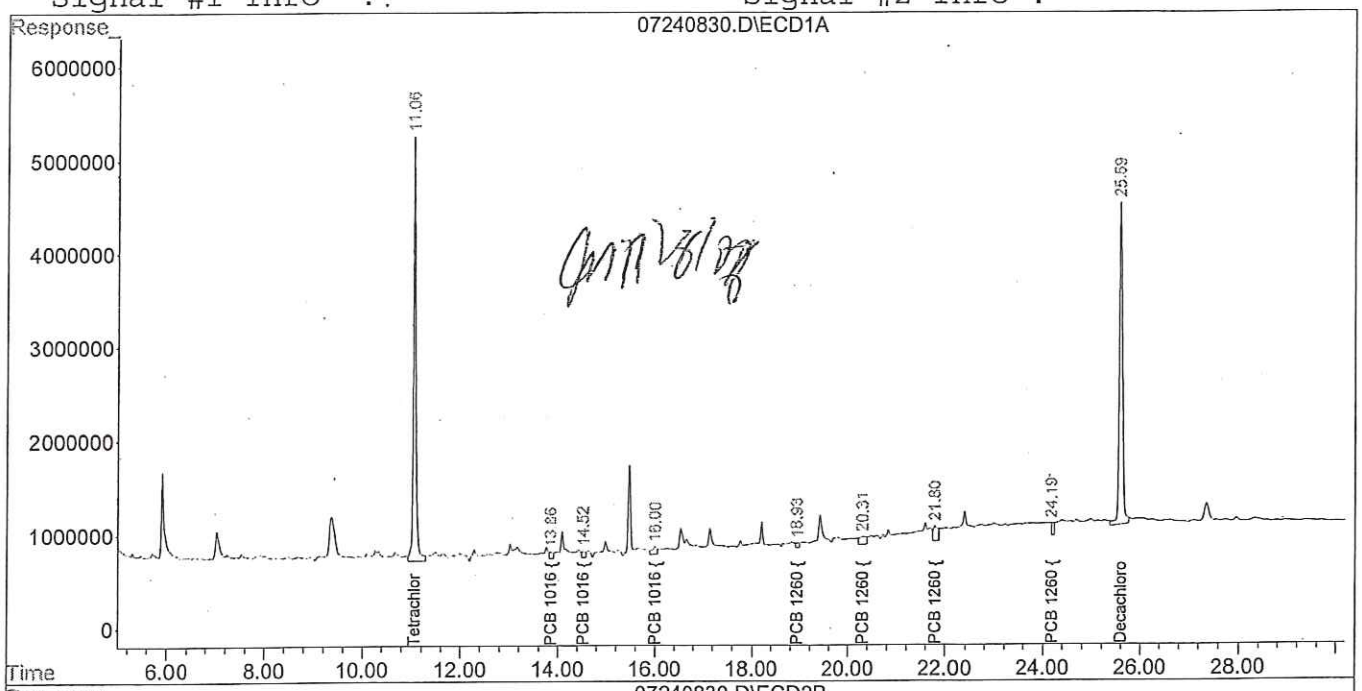
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

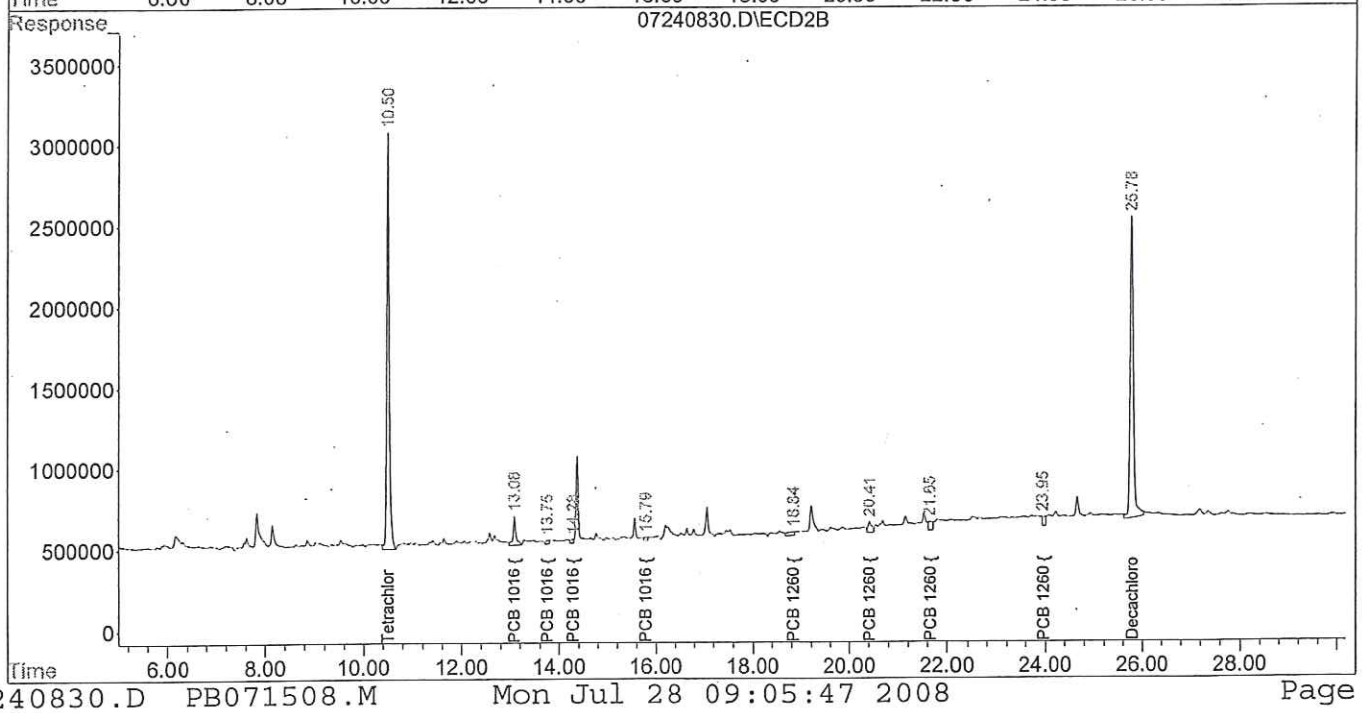
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240830.D\ECD1A.CH Vial: 25
Signal #2 : C:\HPCHEM\1\DATA\072408\07240830.D\ECD2B.CH
Acq On : 25 Jul 2008 3:02 am Operator: JP
Sample : 8024507 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:41 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240831.D\ECD1A.CH Vial: 26
Signal #2 : C:\HPCHEM\1\DATA\072408\07240831.D\ECD2B.CH
Acq On : 25 Jul 2008 3:36 am Operator: JP
Sample : 8024508 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:41 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	184.5E6	96449339	45.687	44.849
Spiked Amount 50.000 Range 24 - 151 Recovery =					91.37%	89.70%
14) S Decachlorobiphen	25.60	25.79	151.6E6	81496937	33.960m	35.955m
Spiked Amount 50.000 Range 24 - 151 Recovery =					67.92%	71.91%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	9199645	N.D.	132.769 #
4) L1 PCB 1016 {3}	13.86f	13.75	4627759	1689439	85.249	55.494 #
5) L1 PCB 1016 {4}	14.53	0.00	5619458	0	39.268	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.85f	7451478	3274086	88.571	71.118
7) L1 PCB 1016 Total	0.00	0.00	17698695	14163170	37.312m	53.927m#
8) L2 PCB 1260 {1}	18.96	18.85	15467206	2028981	101.465	23.626 #
10) L2 PCB 1260 {3}	21.24	20.42f	5794419	5411390	72.976	78.951
11) L2 PCB 1260 {4}	21.80f	21.66f	29148790	5971649	91.232	37.412 #
12) L2 PCB 1260 {5}	24.19	0.00	17422262	0	184.687	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	67832677	13412020	76.628m	28.624m#

ND

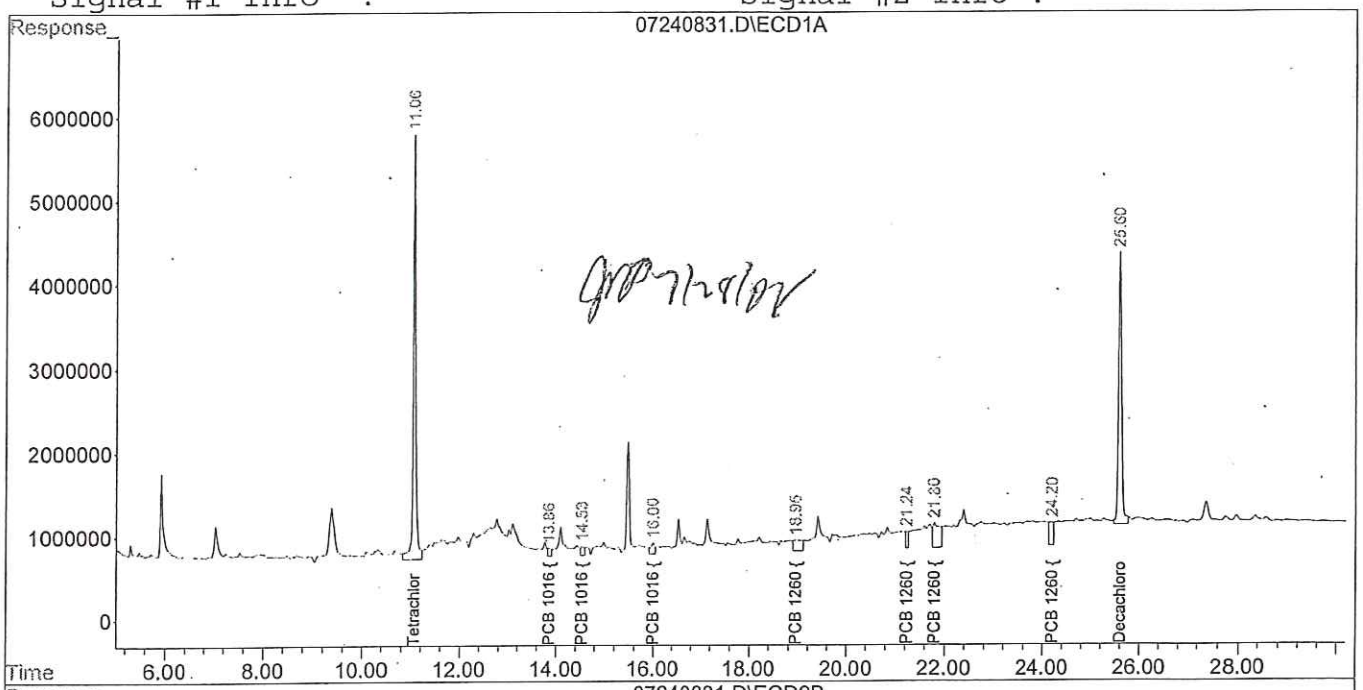
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

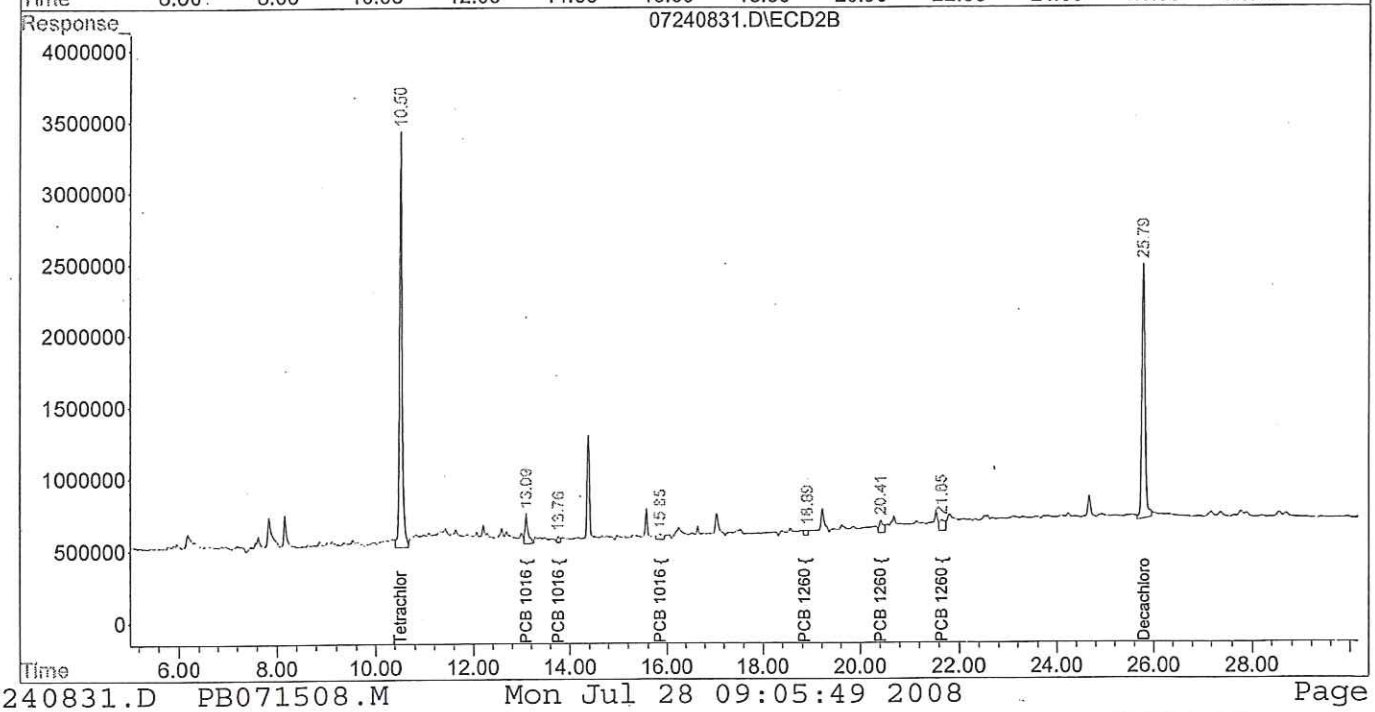
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240831.D\ECD1A.CH Vial: 26
Signal #2 : C:\HPCHEM\1\DATA\072408\07240831.D\ECD2B.CH
Acq On : 25 Jul 2008 3:36 am Operator: JP
Sample : 8024508 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:41 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240832.D\ECD1A.CH Vial: 27
Signal #2 : C:\HPCHEM\1\DATA\072408\07240832.D\ECD2B.CH
Acq On : 25 Jul 2008 4:09 am Operator: JP
Sample : 8024509 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:23 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	175.9E6	97601021	43.536	45.385
Spiked Amount 50.000 Range 24 - 151 Recovery =					87.07%	90.77%
14) S Decachlorobiphen	25.60	25.78f	184.5E6	96119566	41.334m	42.406m
Spiked Amount 50.000 Range 24 - 151 Recovery =					82.67%	84.81%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	5561921	N.D.	80.270 #
4) L1 PCB 1016 {3}	13.86f	0.00	1824135	0	33.603	N.D. #
5) L1 PCB 1016 {4}	14.53	14.28f	4687083	847755	32.753	10.802 #
6) L1 PCB 1016 {5}	16.00f	15.79	3828804	649842	45.510	14.116 #
7) L1 PCB 1016 Total	0.00	0.00	10340022	7059518	21.799m	26.879m
8) L2 PCB 1260 {1}	18.94	18.82	1514660	898386	9.936m	10.461m
9) L2 PCB 1260 {2}	20.28	19.30	3440346	911819	14.362m	9.460m#
10) L2 PCB 1260 {3}	21.23	20.35	811466	557944	10.220m	8.140m
11) L2 PCB 1260 {4}	21.83	21.62	3255242	1405413	10.188m	8.805m
12) L2 PCB 1260 {5}	24.15	23.96f	1101420	371237	~~11.676m~~	6.386m#
13) L2 PCB 1260 Total	0.00	0.00	10123133	4144799	11.436m	8.846m

1260

ND < MDL

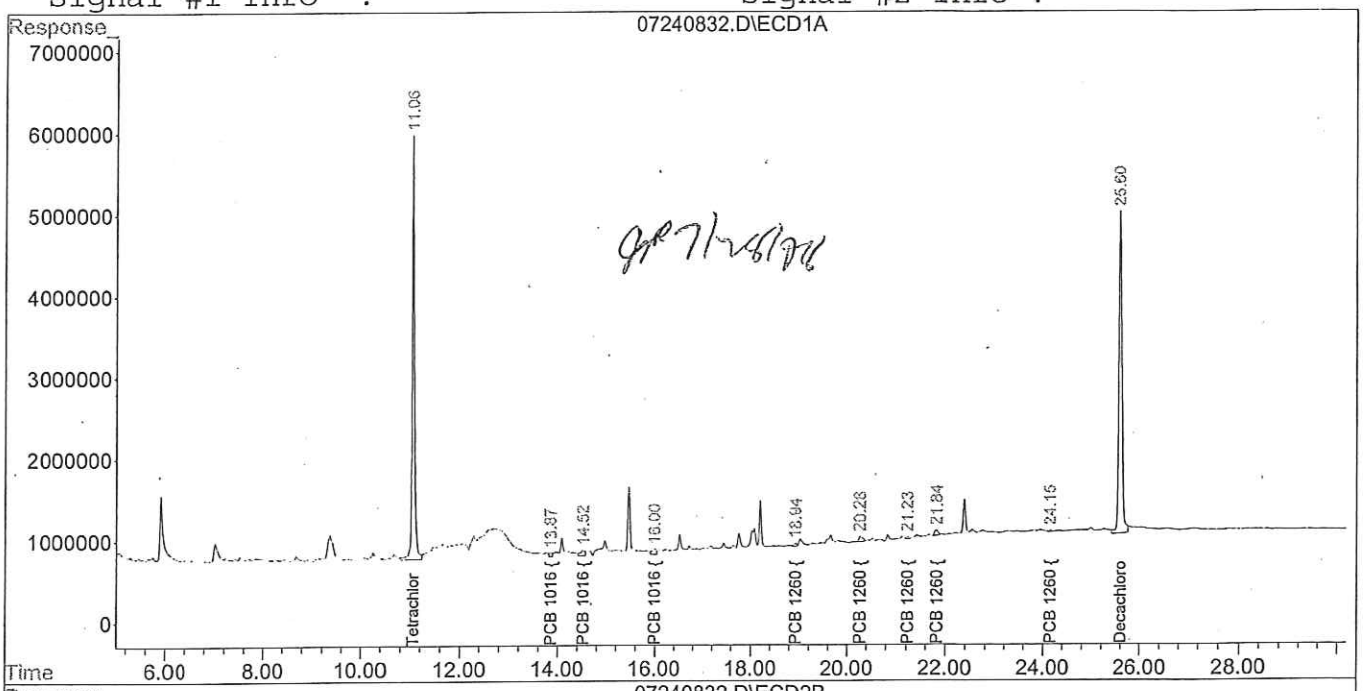
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

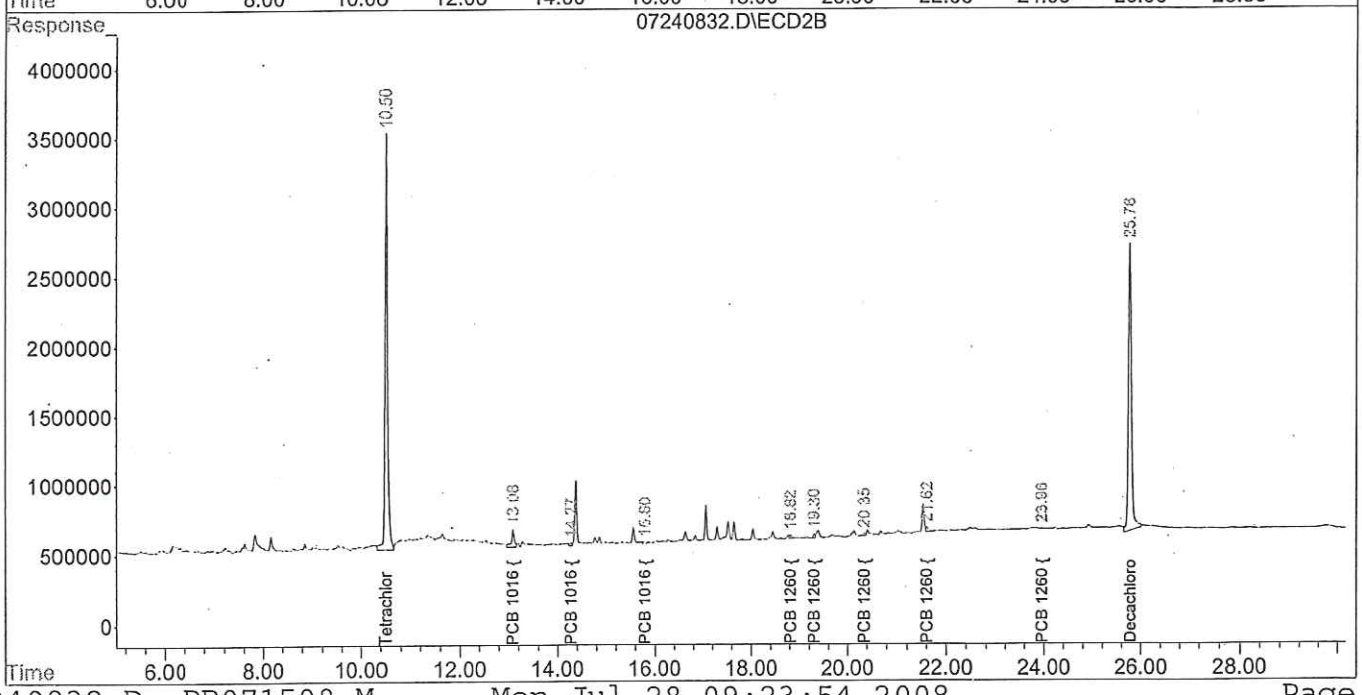
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240832.D\ECD1A.CH Vial: 27
Signal #2 : C:\HPCHEM\1\DATA\072408\07240832.D\ECD2B.CH
Acq On : 25 Jul 2008 4:09 am Operator: JP
Sample : 8024509 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:23 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240833.D\ECD1A.CH Vial: 28
Signal #2 : C:\HPCHEM\1\DATA\072408\07240833.D\ECD2B.CH
Acq On : 25 Jul 2008 4:43 am Operator: JP
Sample : 8024510 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:26 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	189.2E6	97277527	46.852	45.235
Spiked Amount 50.000 Range 24 - 151 Recovery =					93.70%	90.47%
14) S Decachlorobiphen	25.60	25.78f	142.0E6	75711441	31.802m	33.402m
Spiked Amount 50.000 Range 24 - 151 Recovery =					63.60%	66.80%
Target Compounds						
3) L1 PCB 1016 {2}	13.23	13.08	7888157	6587754	63.150	95.074 #
4) L1 PCB 1016 {3}	13.85	13.76	2999187	770382	55.249	25.305 #
5) L1 PCB 1016 {4}	14.52	0.00	7283026	0	50.893	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.78f	7716624	777237	91.722	16.883 #
7) L1 PCB 1016 Total	0.00	0.00	25886995	8135374	54.574m	30.976m#
8) L2 PCB 1260 {1}	18.94	18.82	1189137	844163	7.801m	9.830m#
9) L2 PCB 1260 {2}	20.28	19.31	2139450	706157	8.931m	7.326m
10) L2 PCB 1260 {3}	21.24	20.35	833275	746914	10.494m	10.897m
11) L2 PCB 1260 {4}	21.83	21.61	2392169	881774	7.487m	5.524m#
12) L2 PCB 1260 {5}	24.14f	23.96f	968732	341222	10.269m	5.870m#
13) L2 PCB 1260 Total	0.00	0.00	7522763	3520231	8.498m	7.513m

1260

ND < MDL

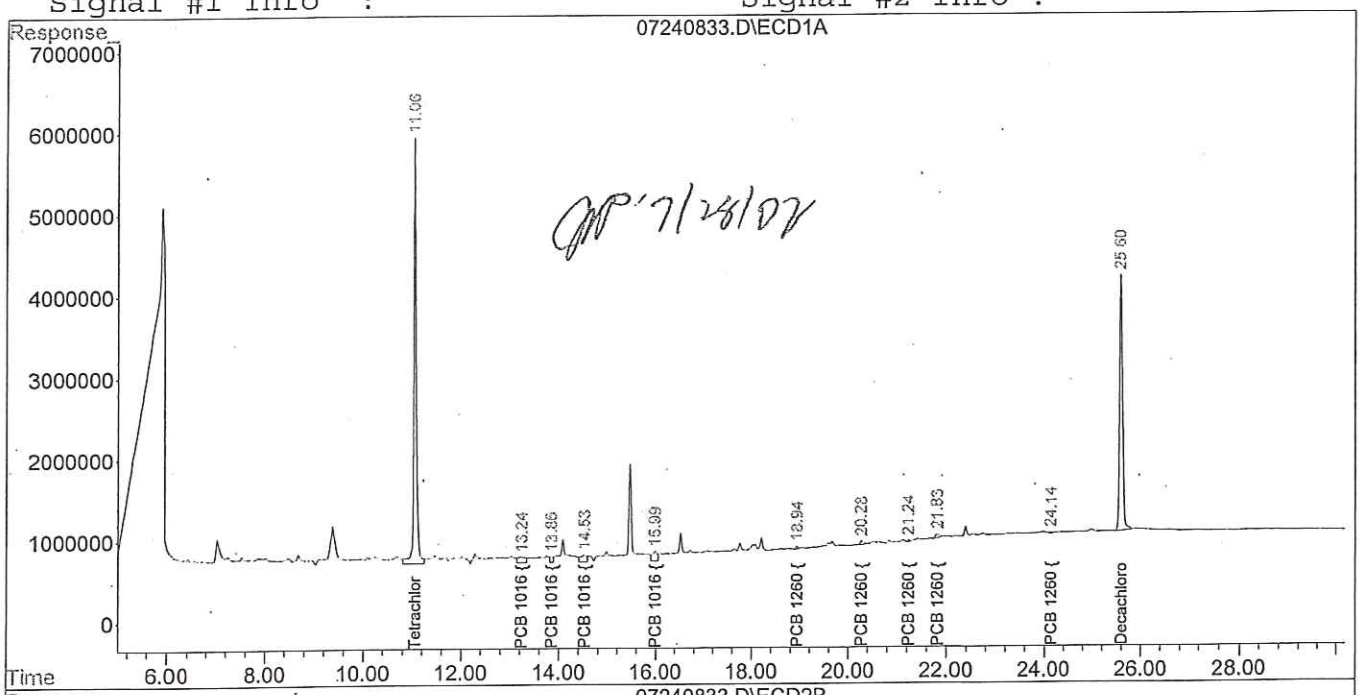
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

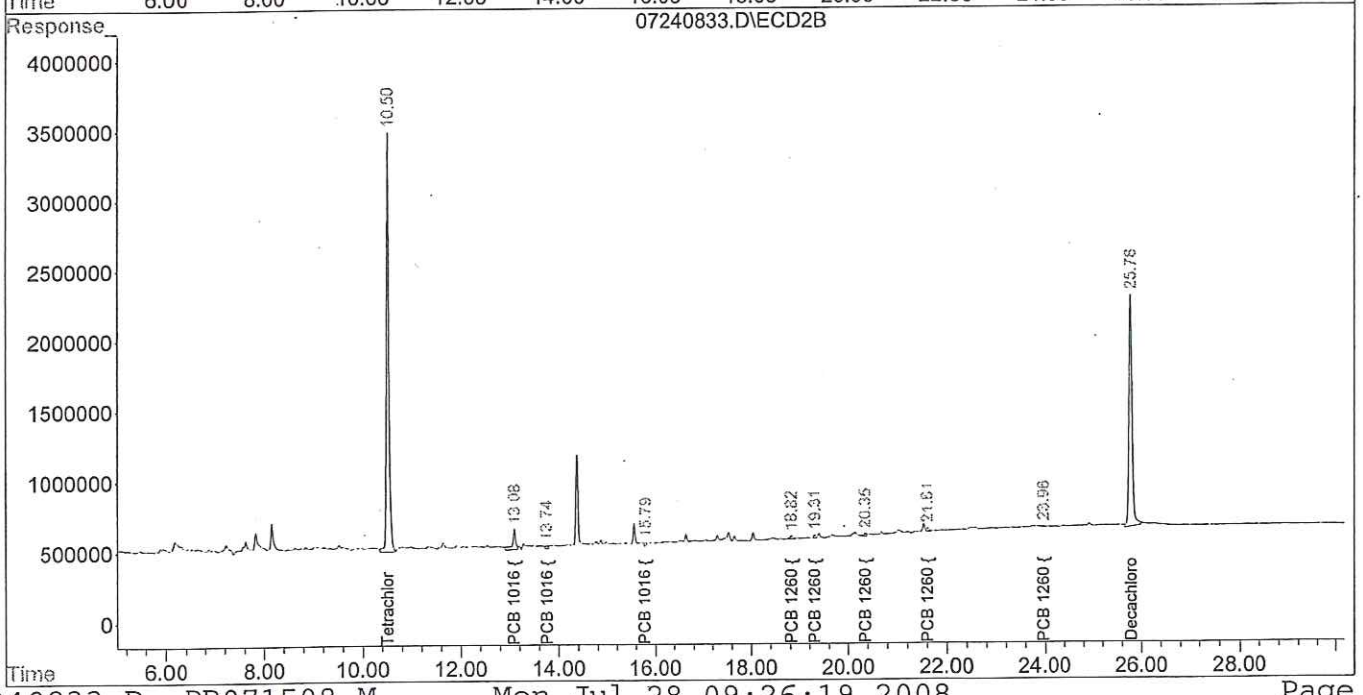
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240833.D\ECD1A.CH Vial: 28
Signal #2 : C:\HPCHEM\1\DATA\072408\07240833.D\ECD2B.CH
Acq On : 25 Jul 2008 4:43 am Operator: JP
Sample : 8024510 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:26 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240834.D\ECD1A.CH Vial: 29
Signal #2 : C:\HPCHEM\1\DATA\072408\07240834.D\ECD2B.CH
Acq On : 25 Jul 2008 5:16 am Operator: JP
Sample : 8024511 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:43 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	154.4E6	81874969	38.220	38.072m
Spiked Amount 50.000 Range 24 - 151 Recovery =					76.44%	76.14%
14) S Decachlorobiphen	25.60	25.79	148.0E6	74886583	33.166m	33.038m
Spiked Amount 50.000 Range 24 - 151 Recovery =					66.33%	66.08%
Target Compounds						
2) L1 PCB 1016 {1}	0.00	11.94f	0	178.6E6	N.D.	4653.194 #
3) L1 PCB 1016 {2}	0.00	13.09	0	193.1E6	N.D.	2786.481 #
4) L1 PCB 1016 {3}	13.86f	13.76	3307535	53624499	60.929	1761.442 #
5) L1 PCB 1016 {4}	14.53	0.00	4937617	0	34.503	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.79	6418526	58518592	76.293	1271.111 #
7) L1 PCB 1016 Total	0.00	0.00	14663678	483.8E6	30.914m	1842.237m#
8) L2 PCB 1260 {1}	18.90f	18.82	11166976	132.5E6	73.255	1543.091 #
9) L2 PCB 1260 {2}	20.28	19.29f	45327060	95335207	189.221	989.083 #
10) L2 PCB 1260 {3}	21.24	20.42f	9469505	165.9E6	119.261	2421.004 #
11) L2 PCB 1260 {4}	21.81f	21.62	28479260	61780933	89.136	387.058 #
12) L2 PCB 1260 {5}	24.16	23.97	31532368	59810733	334.263	1028.866 #
13) L2 PCB 1260 Total	0.00	0.00	126.0E6	515.4E6	142.309m	1099.941m#

ND

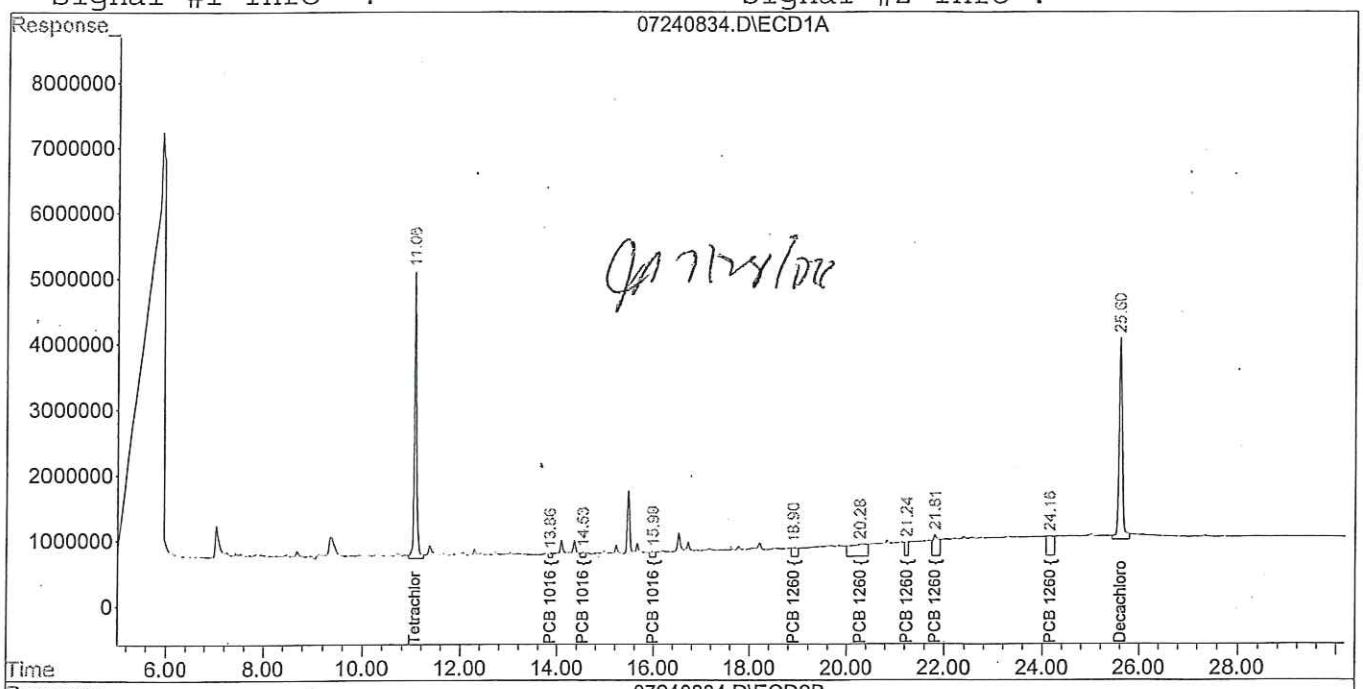
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

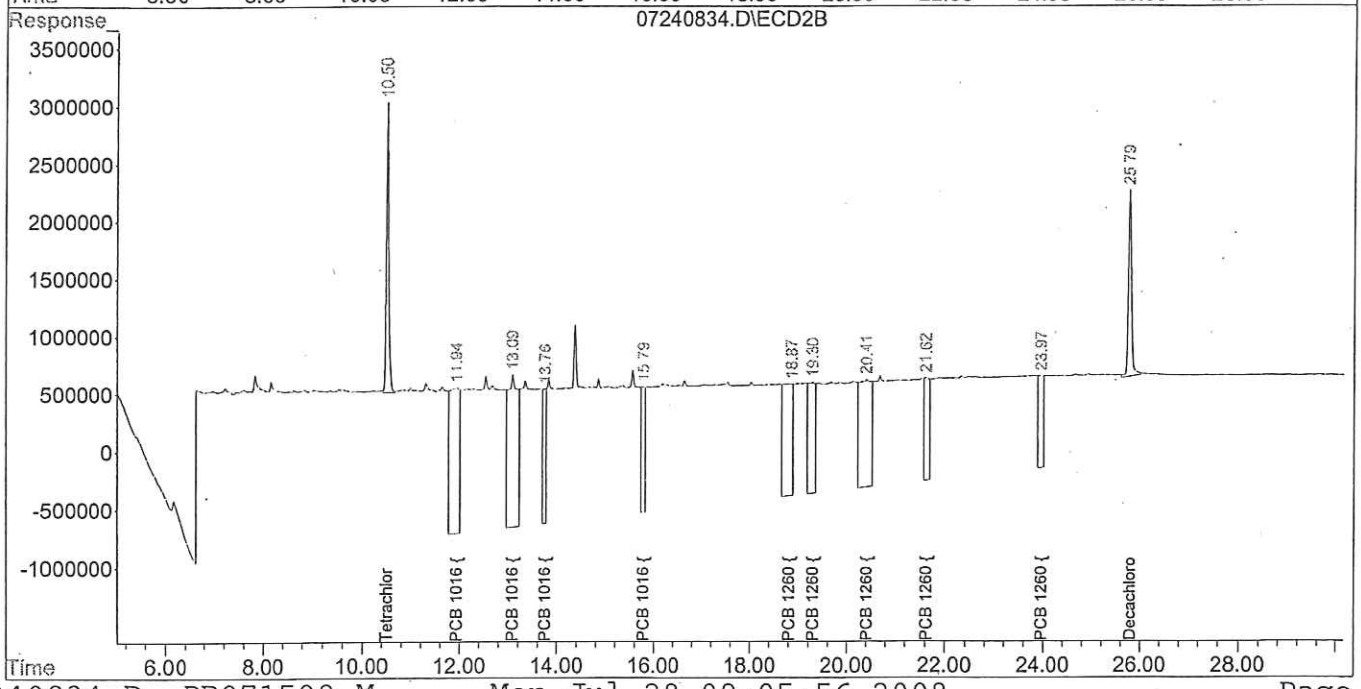
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240834.D\ECD1A.CH Vial: 29
Signal #2 : C:\HPCHEM\1\DATA\072408\07240834.D\ECD2B.CH
Acq On : 25 Jul 2008 5:16 am Operator: JP
Sample : 8024511 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 7:43 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240835.D\ECD1A.CH Vial: 30
Signal #2 : C:\HPCHEM\1\DATA\072408\07240835.D\ECD2B.CH
Acq On : 25 Jul 2008 5:50 am Operator: JP
Sample : 8024512 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:29 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	153.6E6	74626900	38.038	34.702
Spiked Amount 50.000 Range 24 - 151 Recovery =					76.08%	69.40%
14) S Decachlorobiphen	25.60	25.79	146.7E6	77817200	32.863m	34.331m
Spiked Amount 50.000 Range 24 - 151 Recovery =					65.73%	68.66%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	29691369	N.D.	428.506 #
4) L1 PCB 1016 {3}	13.86f	13.76	4448216	200120	81.941	6.573 #
5) L1 PCB 1016 {4}	14.53	14.28f	5614405	381122	39.233	4.856 #
6) L1 PCB 1016 {5}	0.00	15.79	0	615063	N.D.	13.360 #
7) L1 PCB 1016 Total	0.00	0.00	10062621	30887673	21.214m	117.605m#
8) L2 PCB 1260 {1}	18.94	18.84	362434	485681	2.378m	5.655m#
9) L2 PCB 1260 {2}	20.32f	19.29f	2765951	914342	11.547m	9.486m
10) L2 PCB 1260 {3}	21.24	20.38	699642	326039	8.811m	4.757m#
11) L2 PCB 1260 {4}	21.81f	21.61	4242109	1174669	13.277m	7.359m#
12) L2 PCB 1260 {5}	24.16	23.96f	962284	639263	~~10.201m~~	10.997m
13) L2 PCB 1260 Total	0.00	0.00	9032421	3539994	10.204m	7.555m#

1260

ND < MDL

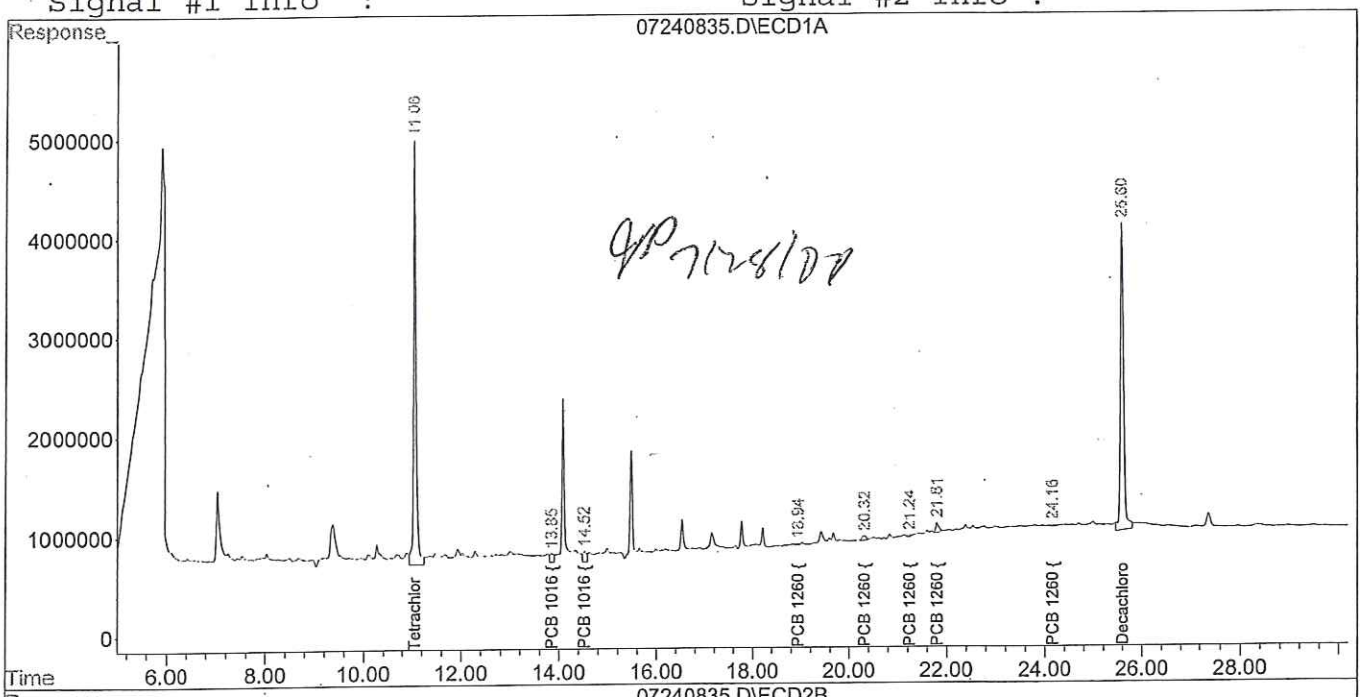
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

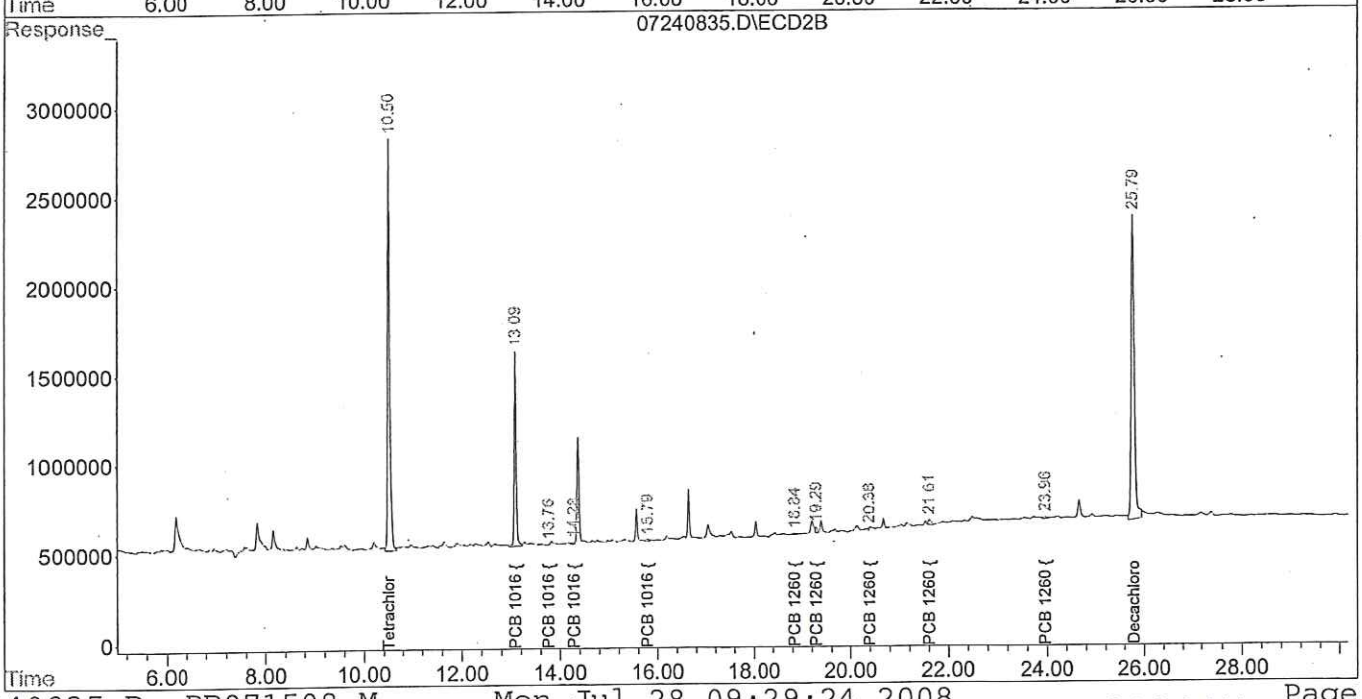
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240835.D\ECD1A.CH Vial: 30
Signal #2 : C:\HPCHEM\1\DATA\072408\07240835.D\ECD2B.CH
Acq On : 25 Jul 2008 5:50 am Operator: JP
Sample : 8024512 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 9:29 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240836.D\ECD1A.CH Vial: 31
Signal #2 : C:\HPCHEM\1\DATA\072408\07240836.D\ECD2B.CH
Acq On : 25 Jul 2008 6:24 am Operator: JP
Sample : 8024513 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	160.5E6	91100873	39.733m	42.362
Spiked Amount 50.000 Range 24 - 151 Recovery =					79.47%	84.72%
14) S Decachlorobiphen	25.60	25.78f	139.6E6	77641222	31.285m	34.254m
Spiked Amount 50.000 Range 24 - 151 Recovery =					62.57%	68.51%
Target Compounds						
3) L1 PCB 1016 {2}	13.23	13.09	11535360	10970548	92.349	158.327 #
4) L1 PCB 1016 {3}	13.86f	13.77	4025424	1149039	74.153	37.743 #
5) L1 PCB 1016 {4}	14.53	0.00	8513131	0	59.489	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.79	8362288	1673757	99.397	36.356 #
7) L1 PCB 1016 Total	0.00	0.00	32436203	13793344	68.381m	52.518m
8) L2 PCB 1260 {1}	18.94	18.83	4790610	3366563	31.426m	39.201m
9) L2 PCB 1260 {2}	20.28	19.30	15936232	3426679	66.527m	35.551m#
10) L2 PCB 1260 {3}	21.23	20.36	3012799	3216141	37.944m	46.923m
11) L2 PCB 1260 {4}	21.84	21.61	14517042	6768310	45.436m	42.404m
12) L2 PCB 1260 {5}	24.15	23.96f	2844749	1761158	~~30.156m~~	30.295m
13) L2 PCB 1260 Total	0.00	0.00	41101433	18538851	46.431m	39.566m

1260

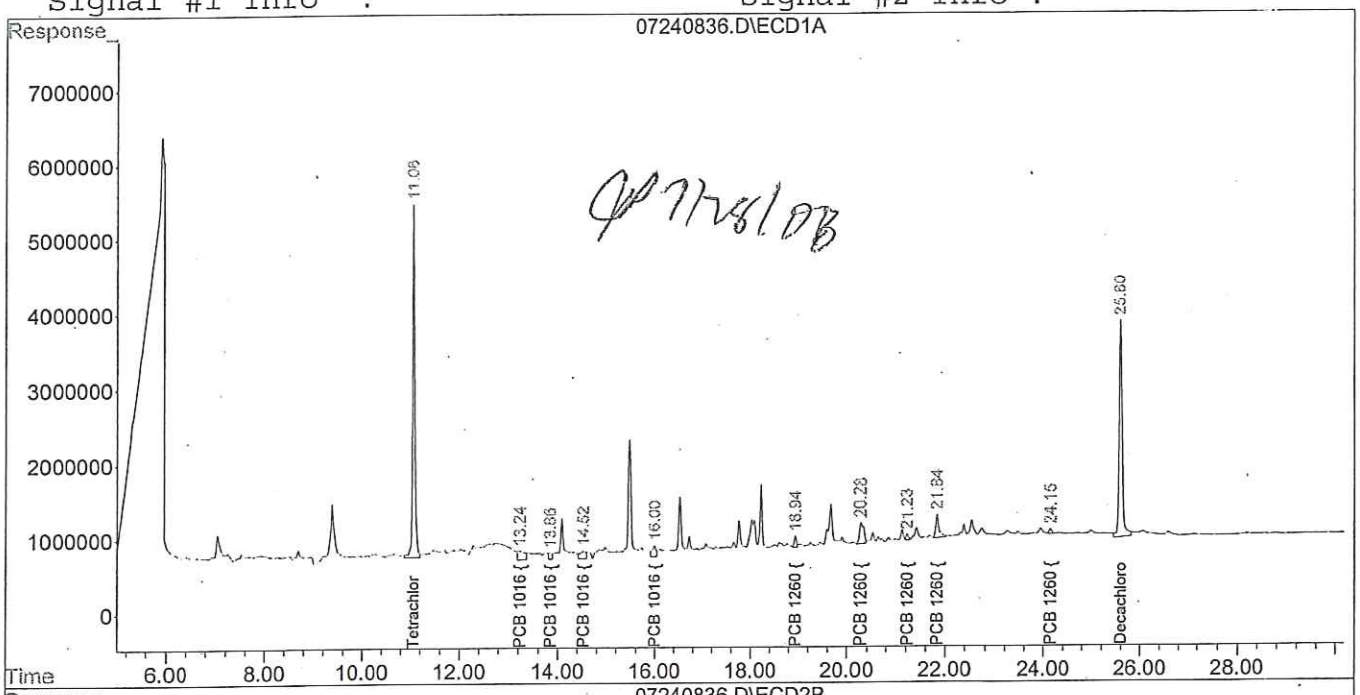
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

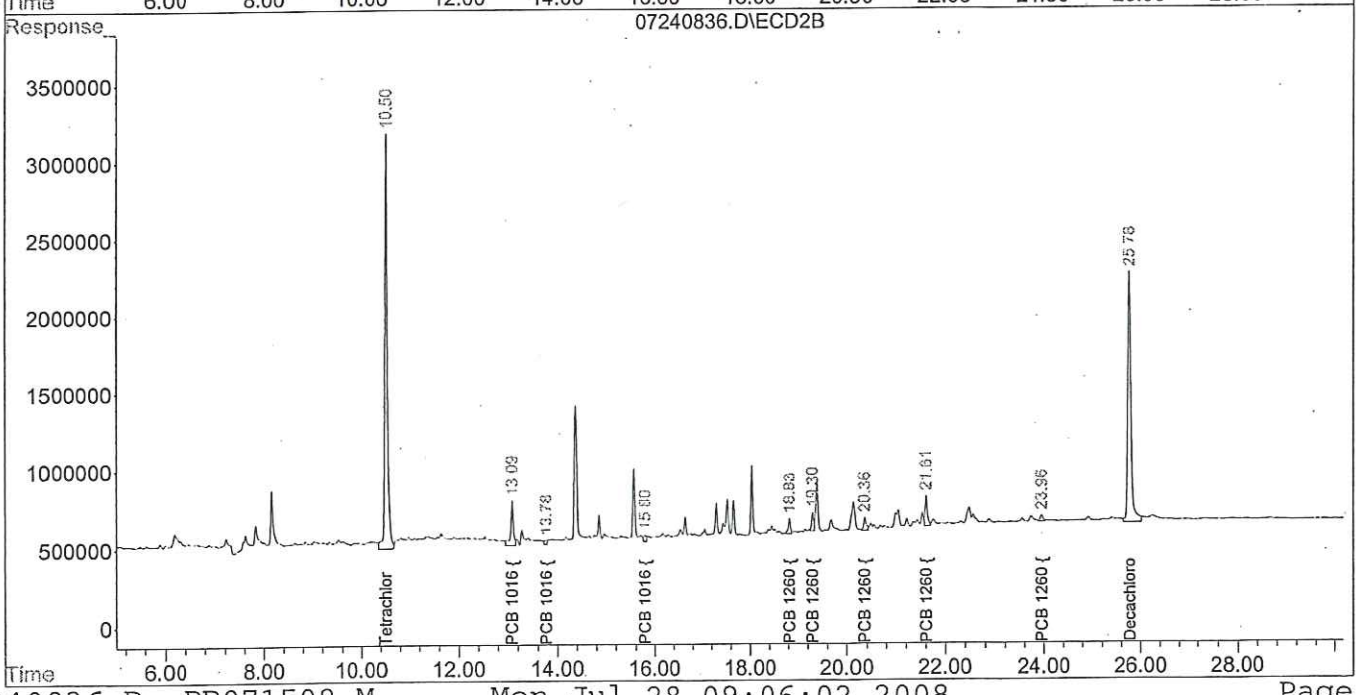
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240836.D\ECD1A.CH Vial: 31
Signal #2 : C:\HPCHEM\1\DATA\072408\07240836.D\ECD2B.CH
Acq On : 25 Jul 2008 6:24 am Operator: JP
Sample : 8024513 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240837.D\ECD1A.CH Vial: 32
Signal #2 : C:\HPCHEM\1\DATA\072408\07240837.D\ECD2B.CH
Acq On : 25 Jul 2008 6:57 am Operator: JP
Sample : 8024514 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 8:54 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	175.0E6	89839669	43.324	41.776
Spiked Amount 50.000 Range 24 - 151 Recovery =					86.65%	83.55%
14) S Decachlorobiphen	25.60	25.78f	152.7E6	79830493	34.201m	35.220m
Spiked Amount 50.000 Range 24 - 151 Recovery =					68.40%	70.44%
Target Compounds						
3) L1 PCB 1016 {2}	13.23	13.09	7252404	8239203	58.061	118.908 #
4) L1 PCB 1016 {3}	13.86f	13.76	3484289	1042700	64.185	34.250 #
5) L1 PCB 1016 {4}	14.53	0.00	6861380	0	47.946	N.D. #
6) L1 PCB 1016 {5}	15.99f	15.80	7304058	1262658	86.818	27.427 #
7) L1 PCB 1016 Total	0.00	0.00	24902131	10544562	52.498m	40.149m
8) L2 PCB 1260 {1}	18.94	18.83	2247437	1638386	14.743m	19.078m#
9) L2 PCB 1260 {2}	20.28	19.31	5891505	1446966	24.594m	15.012m#
10) L2 PCB 1260 {3}	21.22	20.36	1167384	536665	14.702m	7.830m#
11) L2 PCB 1260 {4}	21.84	21.61	3522998	1110600	11.027m	6.958m#
12) L2 PCB 1260 {5}	24.16	23.97	903639	556147	9.579m	9.567m
13) L2 PCB 1260 Total	0.00	0.00	13732963	5288764	15.514m	11.287m#

1260

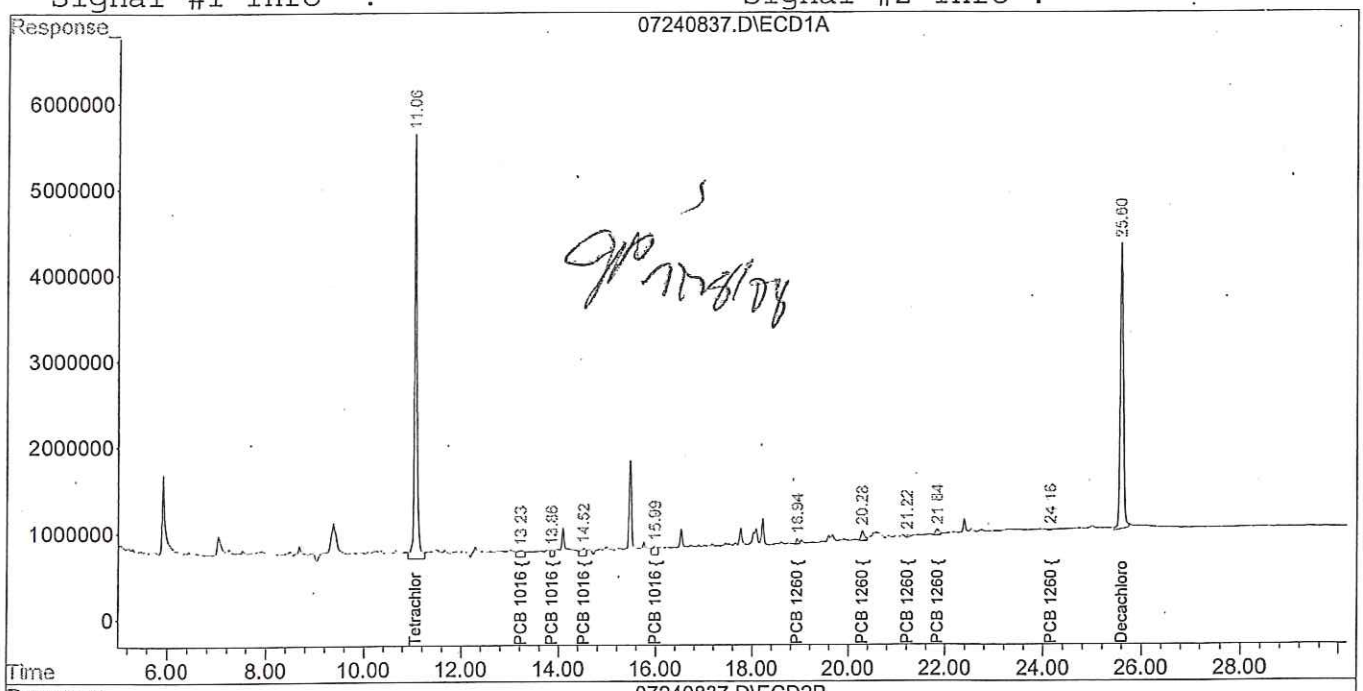
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

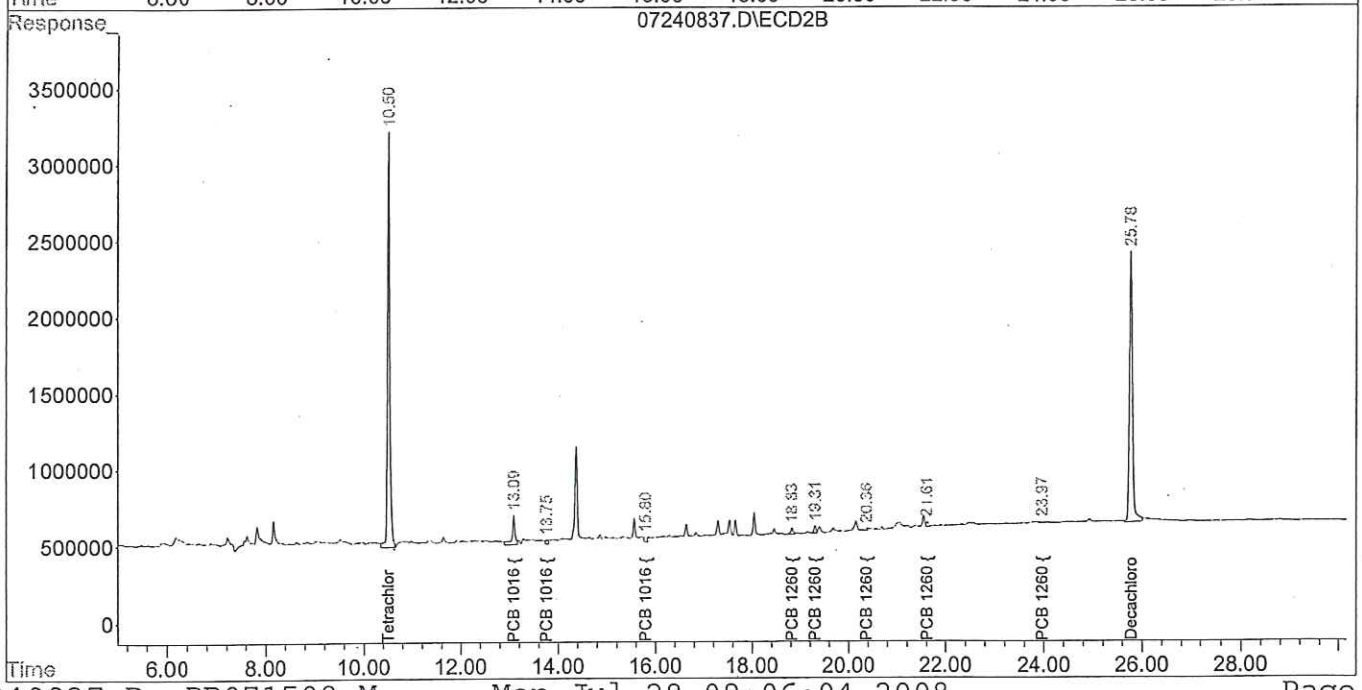
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240837.D\ECD1A.CH Vial: 32
Signal #2 : C:\HPCHEM\1\DATA\072408\07240837.D\ECD2B.CH
Acq On : 25 Jul 2008 6:57 am Operator: JP
Sample : 8024514 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 28 8:54 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240838.D\ECD1A.CH Vial: 33
Signal #2 : C:\HPCHEM\1\DATA\072408\07240838.D\ECD2B.CH
Acq On : 25 Jul 2008 7:31 am Operator: JP
Sample : 8024515 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 8:04 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	103.4E6	54329915	25.593	25.264
Spiked Amount 50.000 Range 24 - 151 Recovery =					51.19%	50.53%
14) S Decachlorobiphen	25.60	25.79	91158414	47181533	20.422m	20.816m
Spiked Amount 50.000 Range 24 - 151 Recovery =					40.84%	41.63%
Target Compounds						
3) L1 PCB 1016 {2}	13.24	13.09	8597586	9286094	68.830	134.017 #
4) L1 PCB 1016 {3}	13.86f	13.77	3349830	855927	61.708	28.115 #
5) L1 PCB 1016 {4}	14.53	14.29	4724244	952099	33.012	12.132 #
6) L1 PCB 1016 {5}	16.00f	15.80	4940633	661429	58.726	14.367 #
7) L1 PCB 1016 Total	0.00	0.00	21612293	11755548	45.562m	44.759m
8) L2 PCB 1260 {1}	18.95	18.82	1472690	149728	9.661	1.743 #
9) L2 PCB 1260 {2}	20.30	19.30	5942179	493213	24.806	5.117 #
11) L2 PCB 1260 {4}	21.87	0.00	4320730	0	13.523	N.D. #
12) L2 PCB 1260 {5}	24.15	24.00	7022308	2173598	74.441	37.390 #
13) L2 PCB 1260 Total	0.00	0.00	18757908	2816539	21.190m	6.011m#

ND

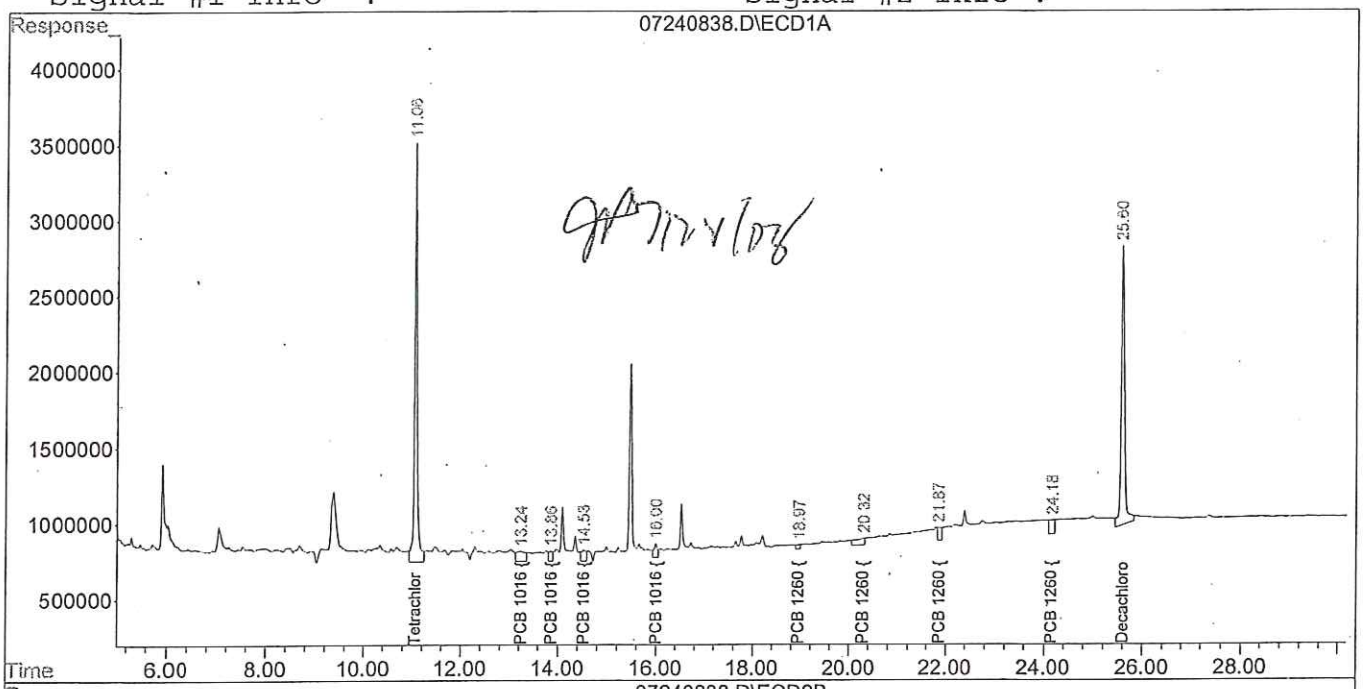
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

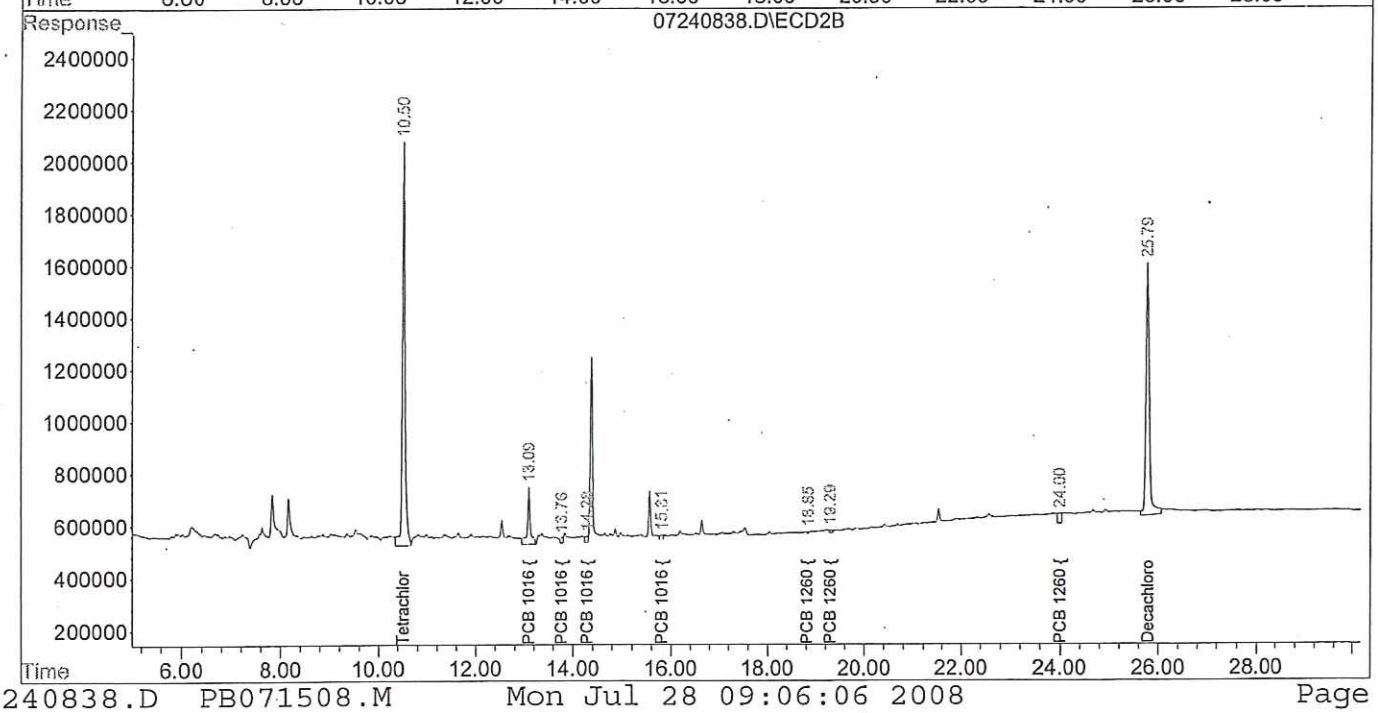
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240838.D\ECD1A.CH Vial: 33
Signal #2 : C:\HPCHEM\1\DATA\072408\07240838.D\ECD2B.CH
Acq On : 25 Jul 2008 7:31 am Operator: JP
Sample : 8024515 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 8:04 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240840.D\ECD1A.CH Vial: 35
Signal #2 : C:\HPCHEM\1\DATA\072408\07240840.D\ECD2B.CH
Acq On : 25 Jul 2008 8:38 am Operator: JP
Sample : 8024516 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	175.6E6	87209092	43.464	40.553
Spiked Amount 50.000 Range 24 - 151 Recovery =					86.93%	81.11%
14) S Decachlorobiphen	25.60	25.78f	146.2E6	75522590	32.761m	33.319m
Spiked Amount 50.000 Range 24 - 151 Recovery =					65.52%	66.64%
Target Compounds						
3) L1 PCB 1016 {2}	13.24	13.09	6667873	20664393	53.381	298.228 #
4) L1 PCB 1016 {3}	13.86f	13.76	4151008	799458	76.466	26.260 #
5) L1 PCB 1016 {4}	14.53	0.00	6823401	0	47.681	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.80	5093453	1029966	60.542	22.372 #
7) L1 PCB 1016 Total	0.00	0.00	22735735	22493818	47.931m	85.646m#
8) L2 PCB 1260 {1}	18.95	18.85	2131723	1164346	13.984	13.558
9) L2 PCB 1260 {2}	20.31	0.00	7951762	0	33.195	N.D. #
10) L2 PCB 1260 {3}	0.00	20.33f	0	1370347	N.D.	19.993 #
11) L2 PCB 1260 {4}	21.81f	21.61	12072335	3139542	37.785	19.669 #
12) L2 PCB 1260 {5}	24.21f	24.00	7986184	2080581	84.659	35.790 #
13) L2 PCB 1260 Total	0.00	0.00	30142004	7754816	34.050m	16.550m#

ND

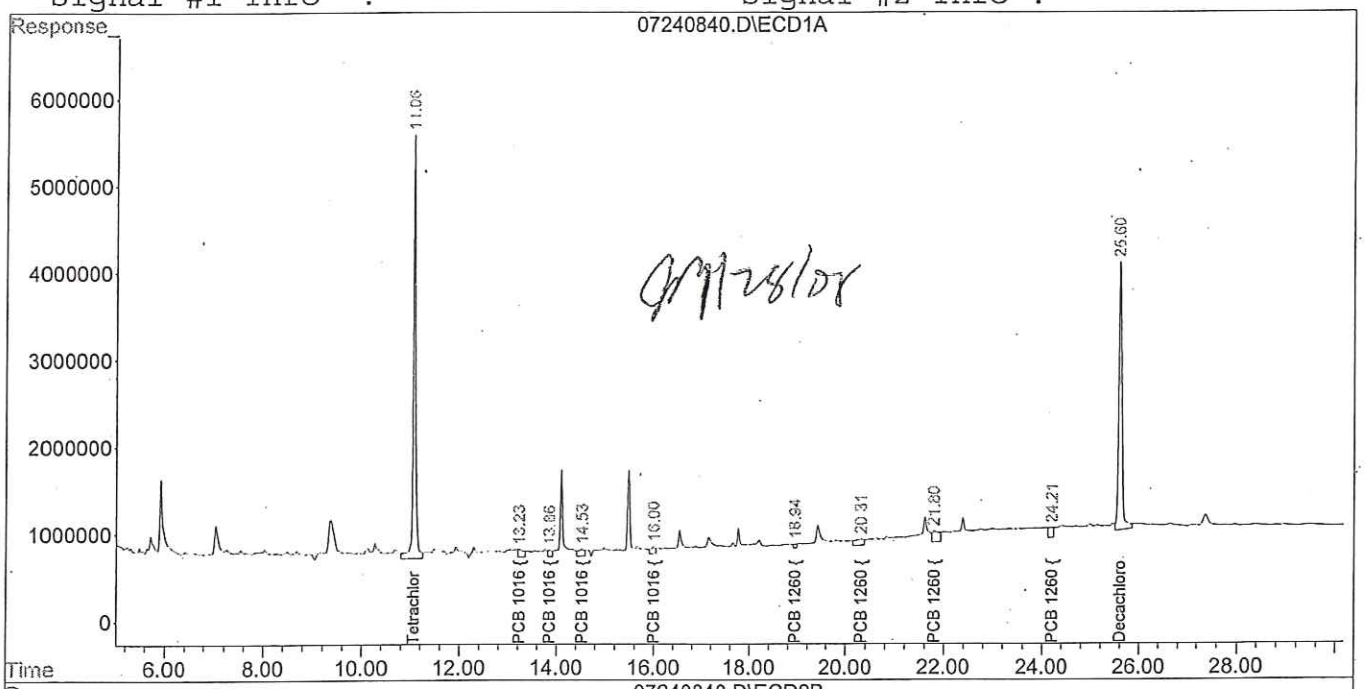
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

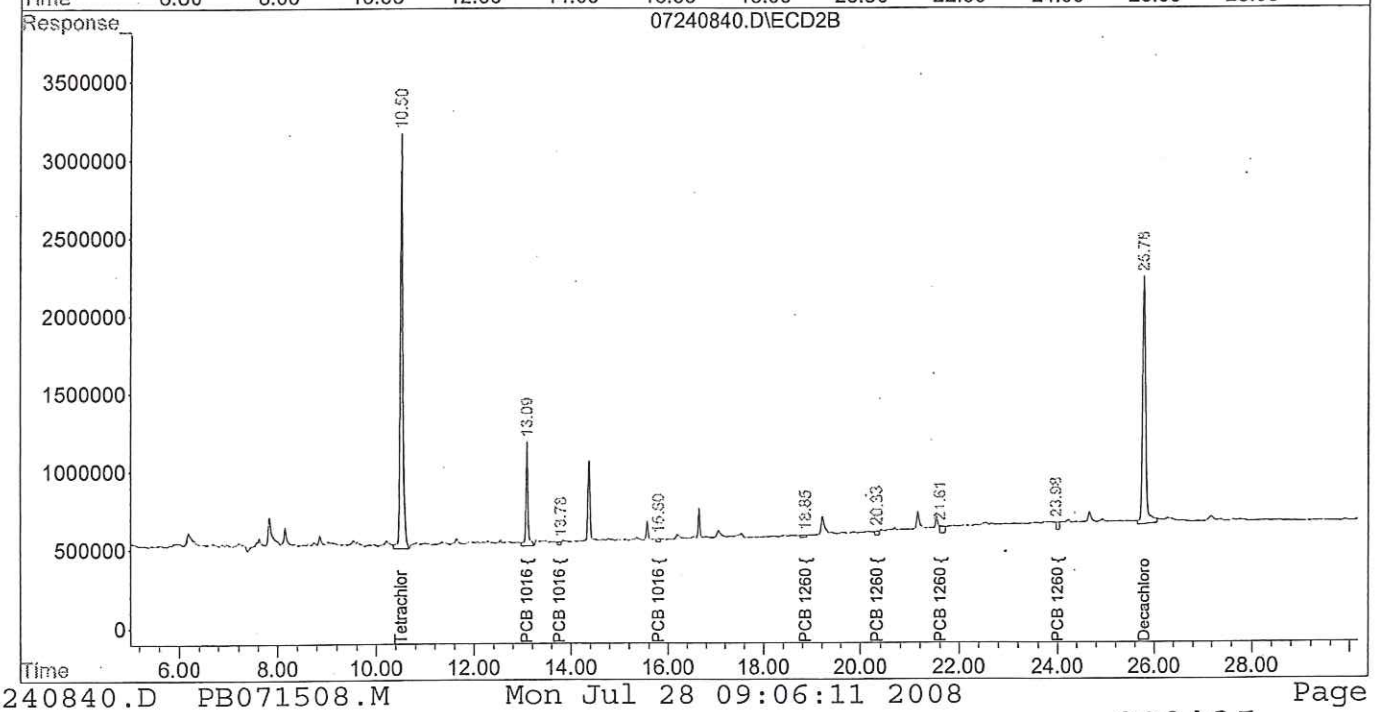
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240840.D\ECD1A.CH Vial: 35
Signal #2 : C:\HPCHEM\1\DATA\072408\07240840.D\ECD2B.CH
Acq On : 25 Jul 2008 8:38 am Operator: JP
Sample : 8024516 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240841.D\ECD1A.CH Vial: 36
Signal #2 : C:\HPCHEM\1\DATA\072408\07240841.D\ECD2B.CH
Acq On : 25 Jul 2008 9:11 am Operator: JP
Sample : 8024517 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	183.6E6	93807876	45.458	43.621
Spiked Amount 50.000 Range 24 - 151 Recovery =					90.92%	87.24%
14) S Decachlorobiphen	25.60	25.79	146.5E6	74516859	32.813m	32.875m
Spiked Amount 50.000 Range 24 - 151 Recovery =					65.63%	65.75%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	34840902	N.D.	502.824 #
4) L1 PCB 1016 {3}	13.86f	13.75	4719317	1843321	86.935	60.549 #
5) L1 PCB 1016 {4}	14.53	14.28f	6041918	1796661	42.220	22.893 #
6) L1 PCB 1016 {5}	16.00f	15.80	5046018	1696498	59.979	36.850 #
7) L1 PCB 1016 Total	0.00	0.00	15807252	40177382	33.324m	152.976m#
8) L2 PCB 1260 {1}	18.96	18.84	1294176	3358785	8.490	39.110 #
9) L2 PCB 1260 {2}	20.29	0.00	8363508	0	34.914	N.D. #
10) L2 PCB 1260 {3}	21.25	20.42f	2200888	3639168	27.718	53.094 #
11) L2 PCB 1260 {4}	21.80f	21.61	13412192	1522383	41.978	9.538 #
12) L2 PCB 1260 {5}	24.18	0.00	11850495	0	125.623	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	37121259	8520337	41.934m	18.184m#

NP

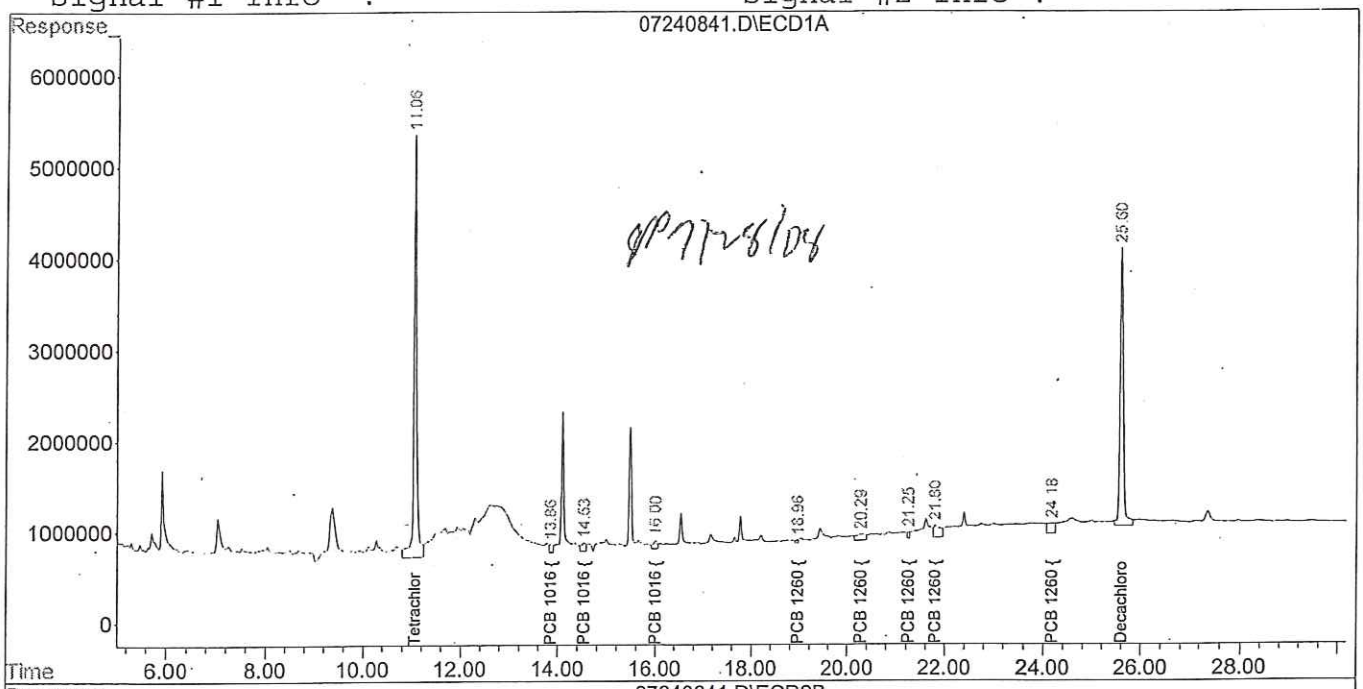
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

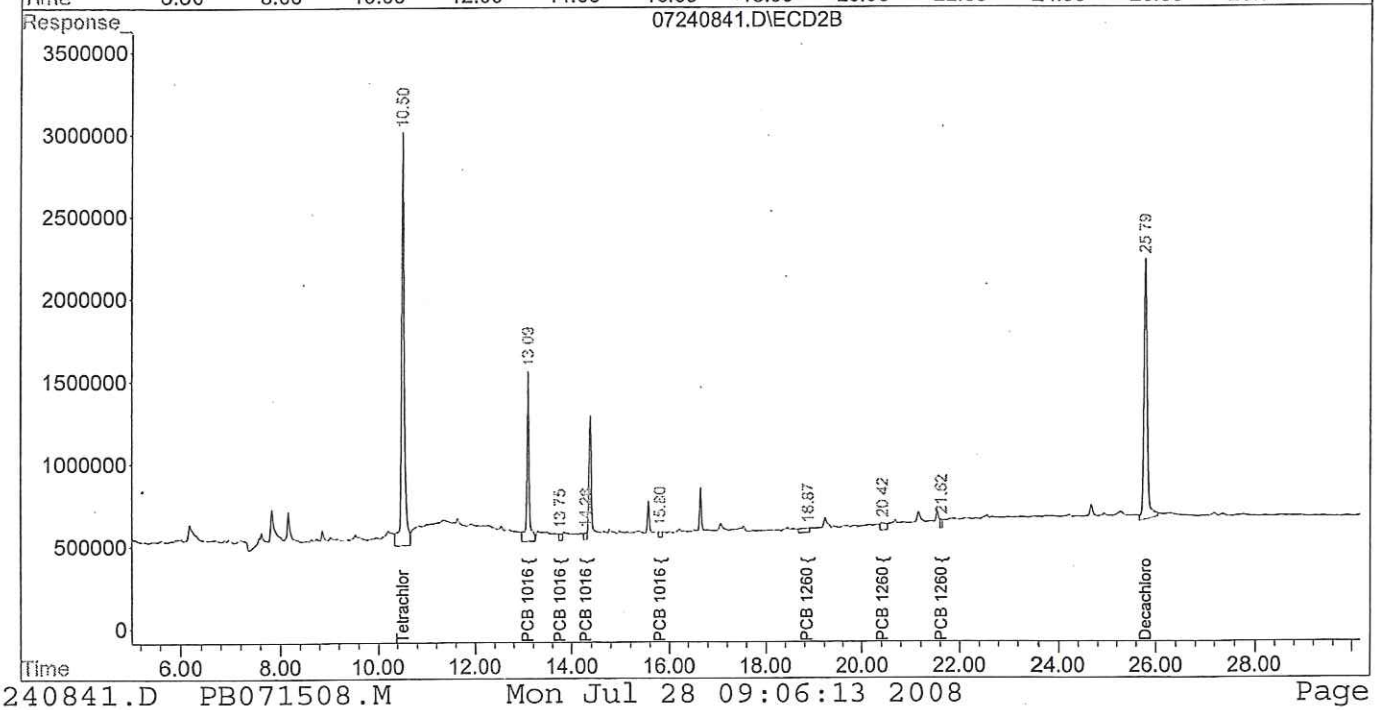
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\072408\07240841.D\ECD1A.CH Vial: 36
Signal #2 : C:\HPCHEM\1\DATA\072408\07240841.D\ECD2B.CH
Acq On : 25 Jul 2008 9:11 am Operator: JP
Sample : 8024517 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Jul 25 9:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310808.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\073108\07310808.D\ECD2B.CH
Acq On : 31 Jul 2008 6:32 pm Operator: JP
Sample : 8026901 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:54 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	171.8E6	95139066	42.531	44.240
Spiked Amount 50.000 Range 24 - 151 Recovery =					85.06%	88.48%
14) S Decachlorobiphen	25.62	25.80	160.2E6	101.5E6	35.887m	44.787
Spiked Amount 50.000 Range 24 - 151 Recovery =					71.77%	89.57%
Target Compounds						
3) L1 PCB 1016 {2}	13.24	13.10	16563762	3037208	132.605	43.833 #
4) L1 PCB 1016 {3}	13.86f	13.75	5483272	1065253	101.008	34.991 #
5) L1 PCB 1016 {4}	14.54	14.29	10939573	1180888	76.444	15.047 #
6) L1 PCB 1016 {5}	0.00	15.80	0	1007805	N.D.	21.891 #
7) L1 PCB 1016 Total	0.00	0.00	32986607	6291153	69.541m	23.954m#
8) L2 PCB 1260 {1}	19.00f	18.83	6688974	1300653	43.880	15.145 #
10) L2 PCB 1260 {3}	21.25	0.00	7900368	0	99.499	N.D. #
11) L2 PCB 1260 {4}	21.87	21.62	14387554	2738023	45.031	17.154 #
12) L2 PCB 1260 {5}	24.21f	24.04f	14813676	2244814	157.034	38.615 #
13) L2 PCB 1260 Total	0.00	0.00	43790572	6283489	49.468m	13.410m#

ND

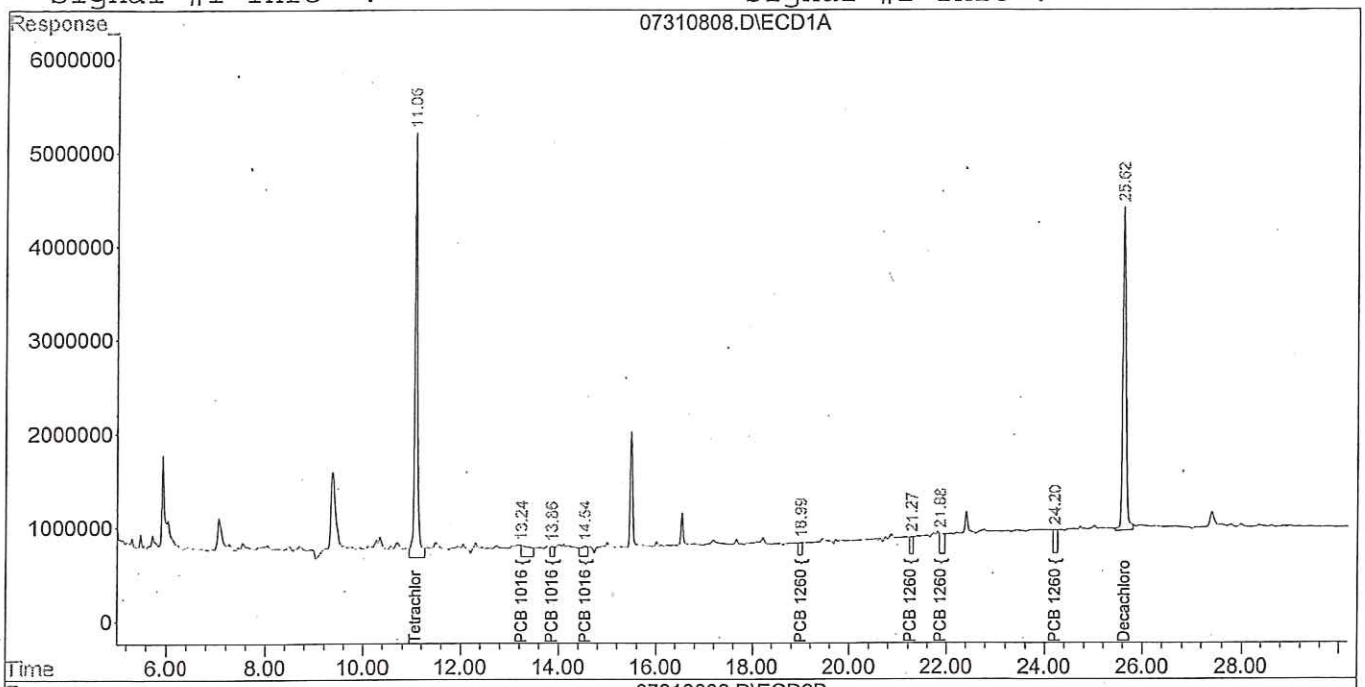
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

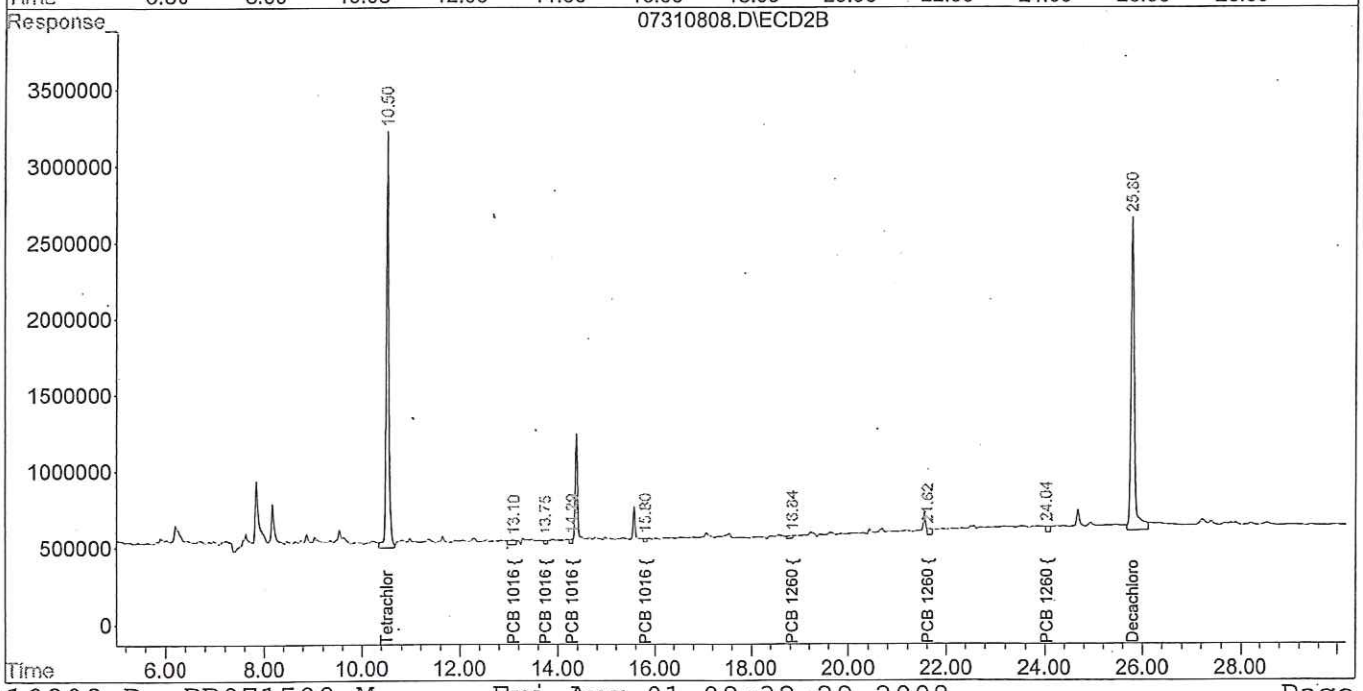
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310808.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\073108\07310808.D\ECD2B.CH
Acq On : 31 Jul 2008 6:32 pm Operator: JP
Sample : 8026901 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:54 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310812.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\073108\07310812.D\ECD2B.CH
Acq On : 31 Jul 2008 8:46 pm Operator: JP
Sample : 8026902 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	149.0E6	84122221	36.892	39.117
Spiked Amount 50.000 Range 24 - 151 Recovery =					73.78%	78.23%
14) S Decachlorobiphen	25.62	25.79	176.7E6	100.6E6	39.590m	44.404m
Spiked Amount 50.000 Range 24 - 151 Recovery =					79.18%	88.81%
Target Compounds						
2) L1 PCB 1016 {1}	0.00	11.96	0	658025	N.D.	17.142 #
3) L1 PCB 1016 {2}	13.19f	13.12	15427587	2728030	123.509	39.371 #
4) L1 PCB 1016 {3}	13.86f	13.75	3863251	1080995	71.166	35.508 #
5) L1 PCB 1016 {4}	14.54	0.00	3713549	0	25.950	N.D. #
6) L1 PCB 1016 {5}	16.00f	15.78f	6099663	1543908	72.503	33.536 #
7) L1 PCB 1016 Total	0.00	0.00	29104050	6010958	61.356m	22.887m#
8) L2 PCB 1260 {1}	0.00	18.82	0	6956205	N.D.	80.999 #
9) L2 PCB 1260 {2}	20.27	19.32	6548351	3004658	27.337	31.173
10) L2 PCB 1260 {3}	0.00	20.41f	0	7858871	N.D.	114.659 #
12) L2 PCB 1260 {5}	24.19	0.00	12741261	0	135.065	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	19289612	17819734	21.791m	38.031m#

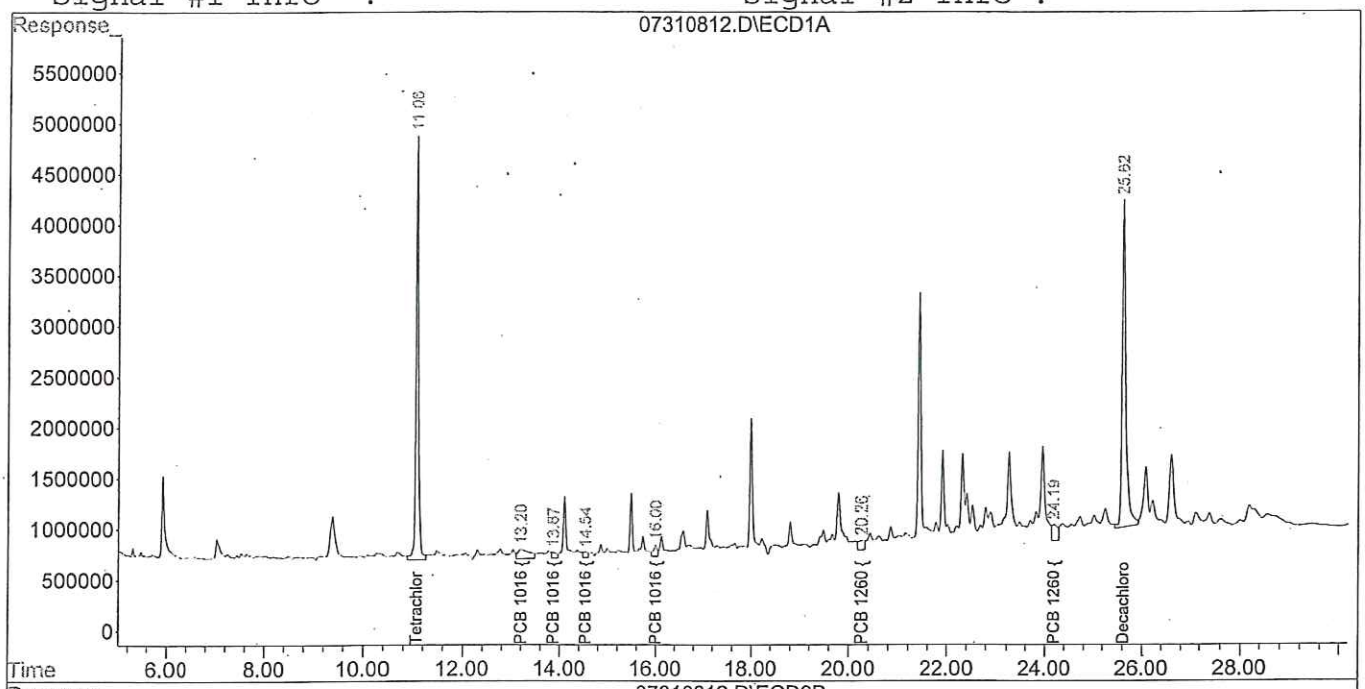
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

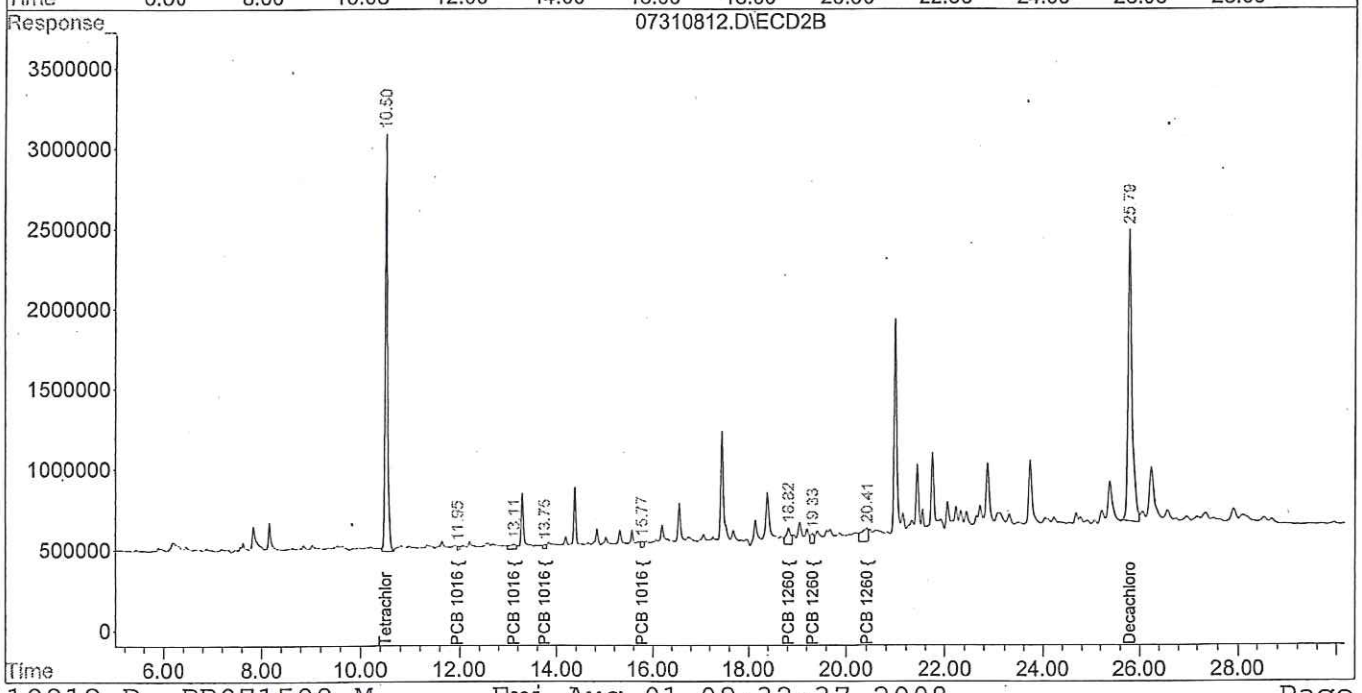
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310812.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\073108\07310812.D\ECD2B.CH
Acq On : 31 Jul 2008 8:46 pm Operator: JP
Sample : 8026902 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 7:56 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310813.D\ECD1A.CH Vial: 11
Signal #2 : C:\HPCHEM\1\DATA\073108\07310813.D\ECD2B.CH
Acq On : 31 Jul 2008 9:20 pm Operator: JP
Sample : 8026903 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:03 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	149.7E6	87096618	37.051	40.500
Spiked Amount 50.000 Range 24 - 151 Recovery =					74.10%	81.00%
14) S Decachlorobiphen	25.62	25.79	147.1E6	82037146	32.951m	36.193m
Spiked Amount 50.000 Range 24 - 151 Recovery =					65.90%	72.39%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.11	0	2327839	N.D.	33.595 #
4) L1 PCB 1016 {3}	13.86f	13.76	460088	428558	8.475	14.077 #
5) L1 PCB 1016 {4}	14.54	0.00	2114492	0	14.776	N.D. #
6) L1 PCB 1016 {5}	0.00	15.79	0	383719	N.D.	8.335 #
7) L1 PCB 1016 Total	0.00	0.00	2574580	3140116	5.428m	11.956m#
8) L2 PCB 1260 {1}	18.95	18.83	5740817	4320256	37.660m	50.306m#
9) L2 PCB 1260 {2}	20.29	19.30	13281546	4836606	55.445m	50.179m
10) L2 PCB 1260 {3}	21.24	20.35	3152681	3210159	39.705m	46.835m
11) L2 PCB 1260 {4}	21.85	21.62	12029014	8363617	37.649m	52.398m#
12) L2 PCB 1260 {5}	24.16	23.96f	3675420	2277205	38.962m	39.173m
13) L2 PCB 1260 Total	0.00	0.00	37879477	23007843	42.791m	49.104m

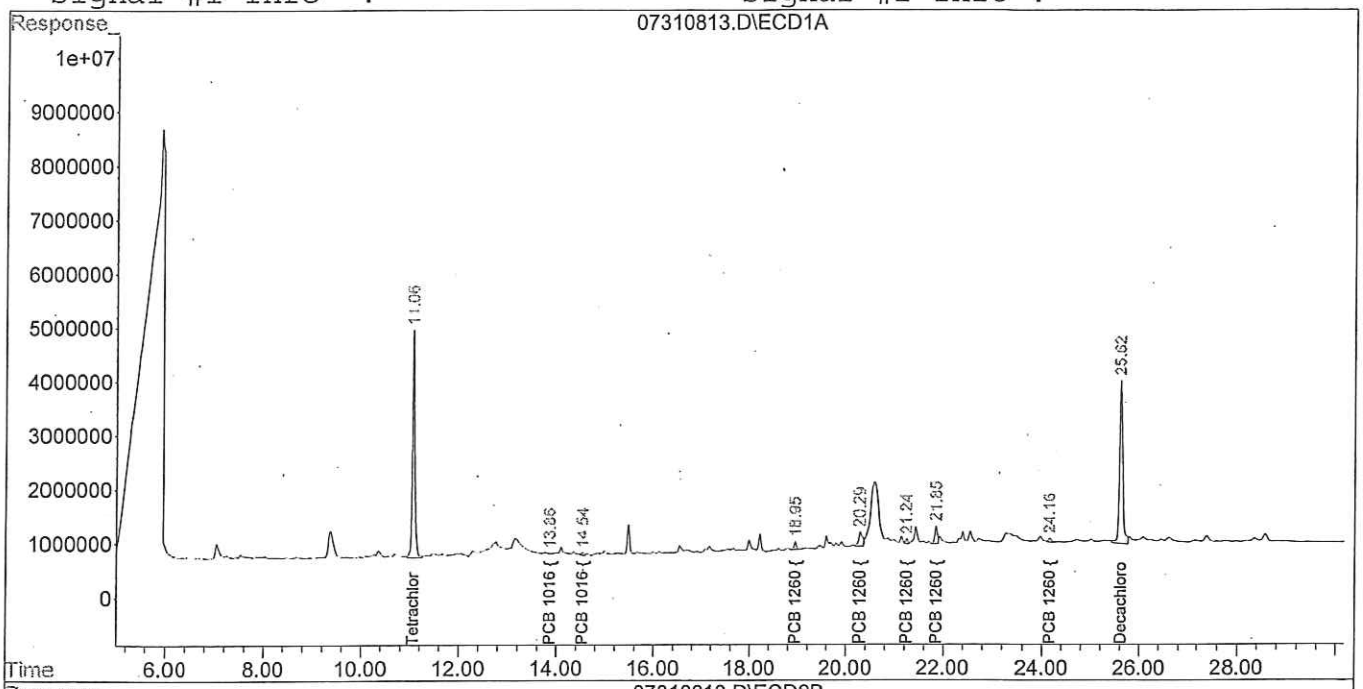
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

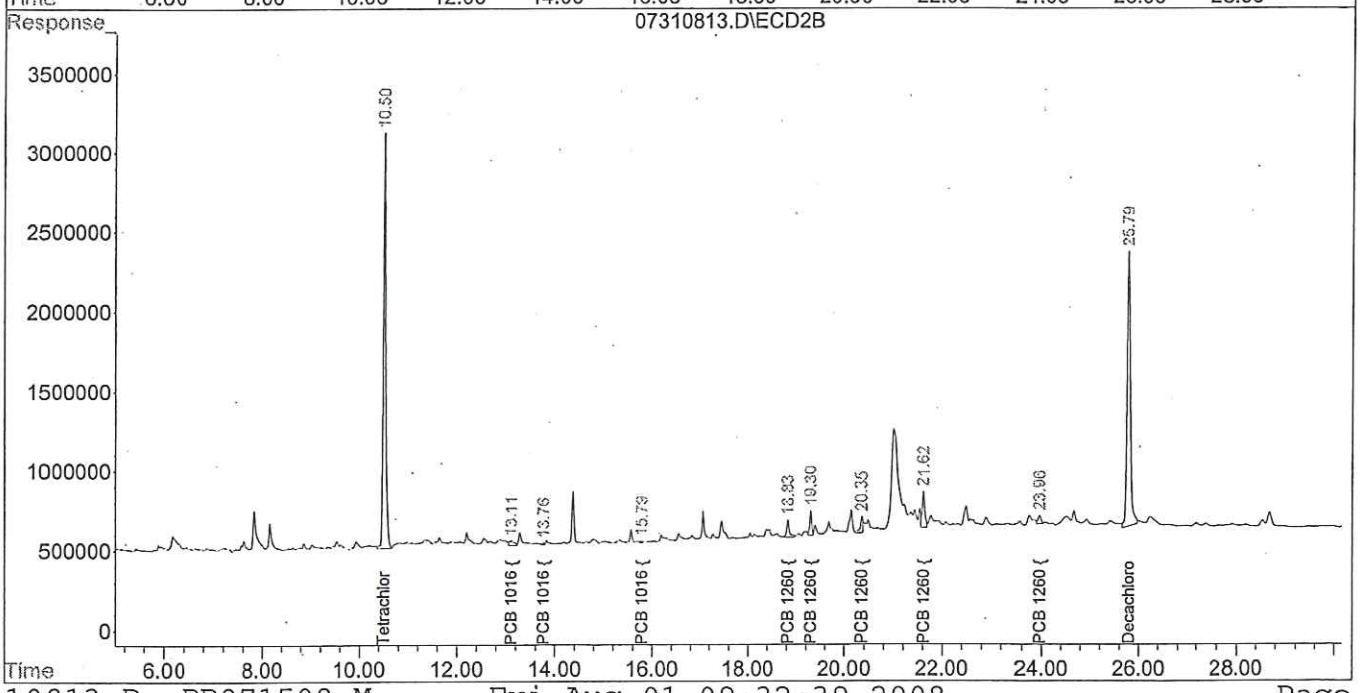
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310813.D\ECD1A.CH Vial: 11
Signal #2 : C:\HPCHEM\1\DATA\073108\07310813.D\ECD2B.CH
Acq On : 31 Jul 2008 9:20 pm Operator: JP
Sample : 8026903 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:03 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310814.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\073108\07310814.D\ECD2B.CH
Acq On : 31 Jul 2008 9:53 pm Operator: JP
Sample : 8026904 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:35 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	167.3E6	93884385	41.426	43.657
Spiked Amount 50.000 Range 24 - 151 Recovery =					82.85%	87.31%
14) S Decachlorobiphen	25.61	25.79	148.2E6	87844623	33.209m	38.755m
Spiked Amount 50.000 Range 24 - 151 Recovery =					66.42%	77.51%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.11	0	1361501	N.D.	19.649 #
4) L1 PCB 1016 {3}	13.86f	13.76	4955109	696238	91.279	22.870 #
5) L1 PCB 1016 {4}	14.54	0.00	7112181	0	49.699	N.D. #
6) L1 PCB 1016 {5}	0.00	15.81	0	310761	N.D.	6.750 #
7) L1 PCB 1016 Total	0.00	0.00	12067290	2368500	25.440m	9.018m#
8) L2 PCB 1260 {1}	18.95	18.83	1475808	1275989	9.681m	14.858m#
9) L2 PCB 1260 {2}	20.29	19.30	2254526	1070562	9.412m	11.107m
10) L2 PCB 1260 {3}	21.24	20.35	1395667	1088457	17.577m	15.880m
11) L2 PCB 1260 {4}	21.85	21.62	3871228	1783910	12.116m	11.176m
12) L2 PCB 1260 {5}	24.16	23.95f	1977587	789059	20.964m	13.573m#
13) L2 PCB 1260 Total	0.00	0.00	10974816	6007977	12.398m	12.822m

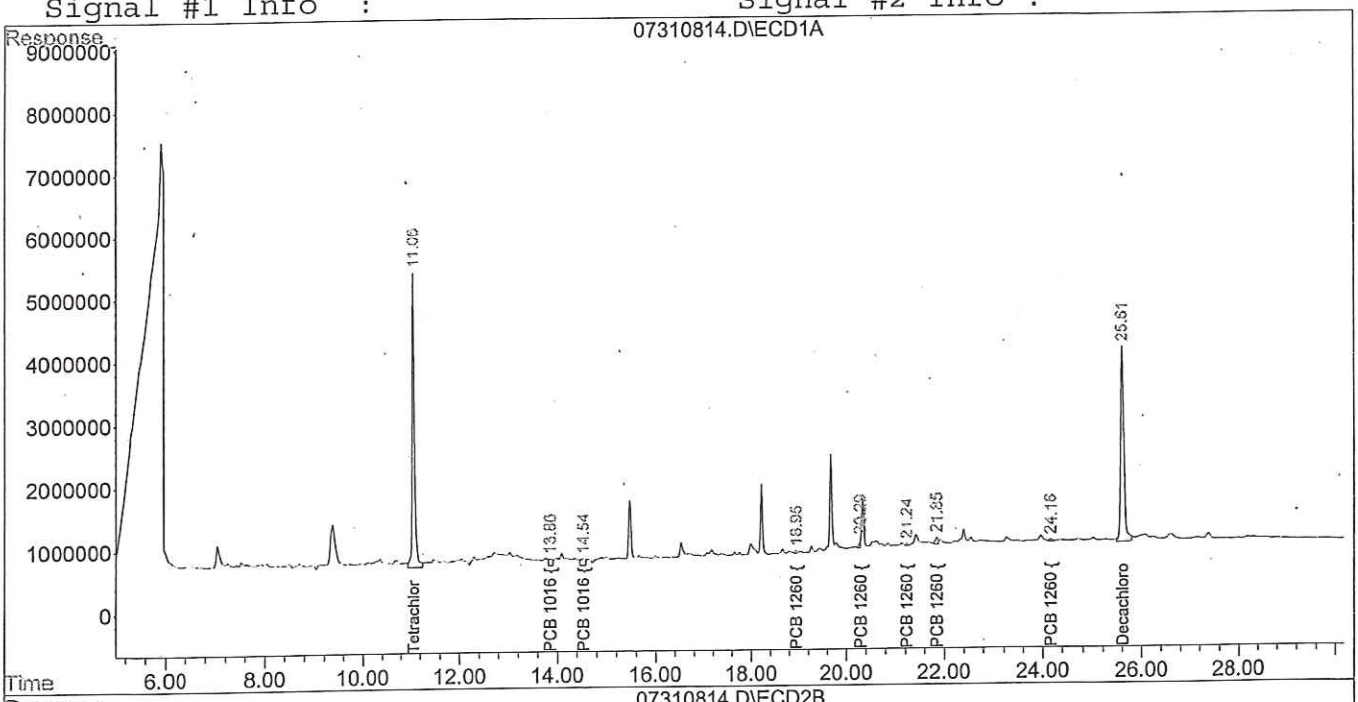
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

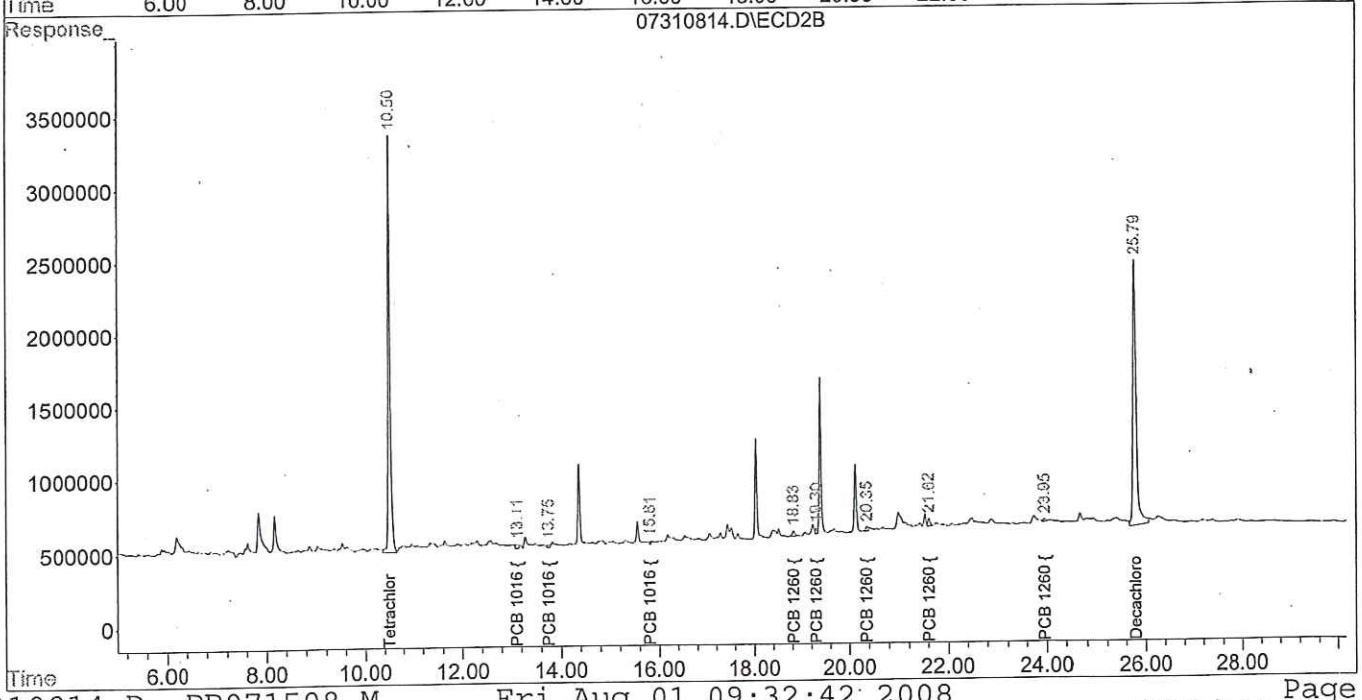
Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310814.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\073108\07310814.D\ECD2B.CH
Acq On : 31 Jul 2008 9:53 pm Operator: JP
Sample : 8026904 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:35 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310816.D\ECD1A.CH Vial: 14
Signal #2 : C:\HPCHEM\1\DATA\073108\07310816.D\ECD2B.CH
Acq On : 31 Jul 2008 11:01 pm Operator: JP
Sample : 8026905 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:37 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	154.8E6	87822425	38.312	40.838
Spiked Amount 50.000 Range 24 - 151 Recovery =					76.62%	81.68%
14) S Decachlorobiphen	25.62	25.79	154.0E6	91267063	34.504m	40.265m
Spiked Amount 50.000 Range 24 - 151 Recovery =					69.01%	80.53%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.11	0	2404700	N.D.	34.705 #
4) L1 PCB 1016 {3}	13.86f	13.75	3583574	693932	66.014	22.794 #
5) L1 PCB 1016 {4}	14.54	14.32	6038014	16660318	42.193	212.288 #
6) L1 PCB 1016 {5}	0.00	15.86f	0	3949568	N.D.	85.790 #
7) L1 PCB 1016 Total	0.00	0.00	9621588	23708518	20.284m	90.271m#
9) L2 PCB 1260 {2}	0.00	19.31	0	1076009	N.D.	11.163 #
10) L2 PCB 1260 {3}	21.21f	20.42f	33651774	3543454	423.817	51.698 #
11) L2 PCB 1260 {4}	21.88f	0.00	11251122	0	35.215	N.D. #
12) L2 PCB 1260 {5}	24.16	23.96f	26924165	3515807	285.413	60.479 #
13) L2 PCB 1260 Total	0.00	0.00	71827061	8135270	81.140m	17.362m#

ND

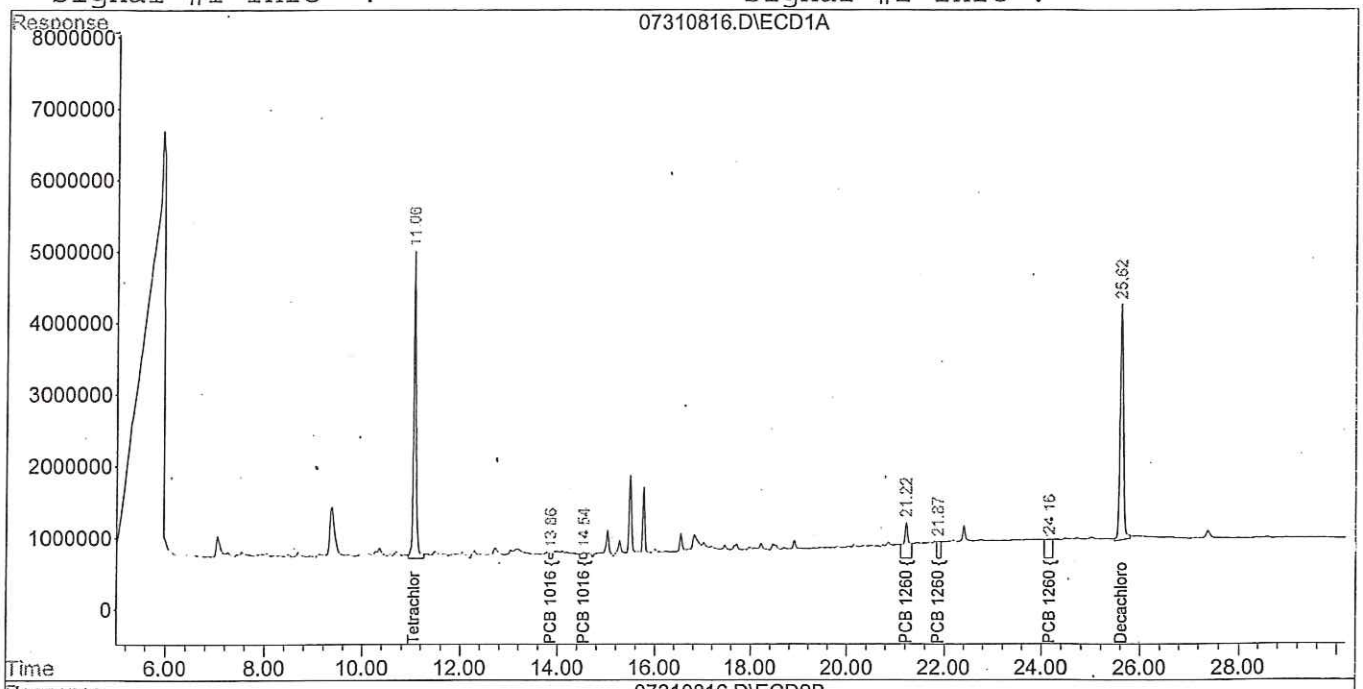
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

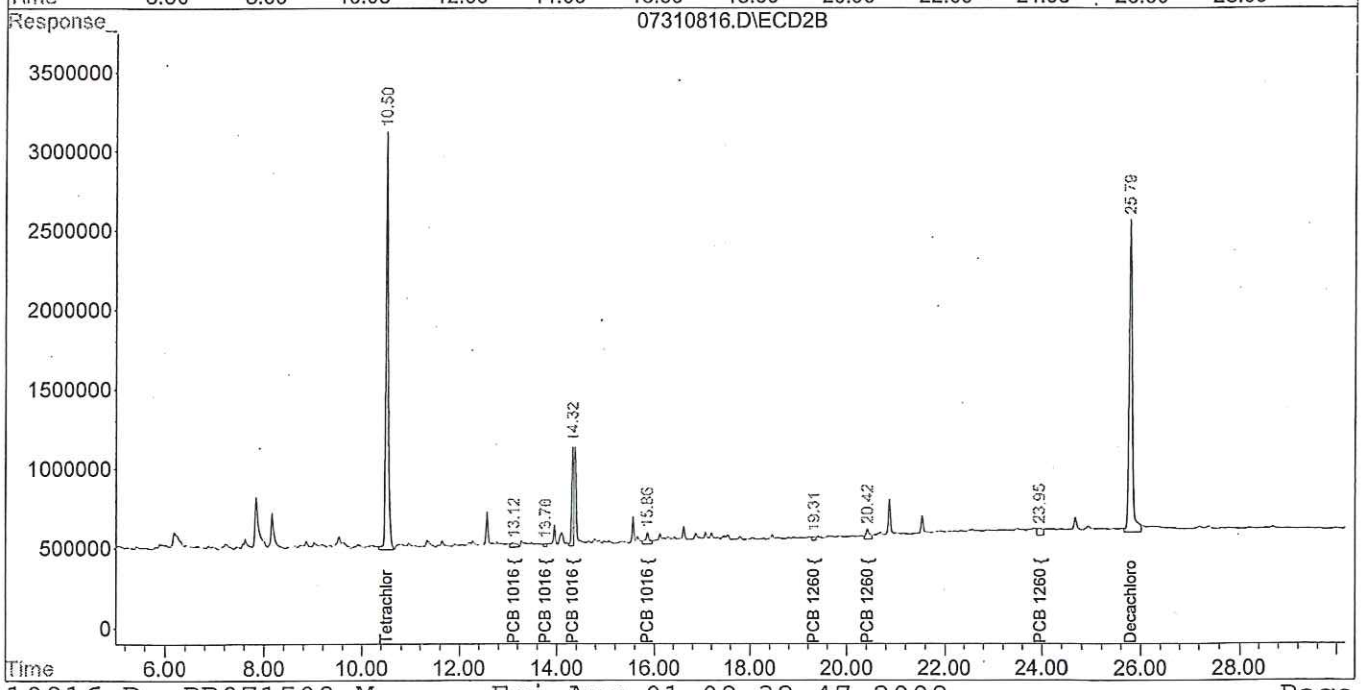
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310816.D\ECD1A.CH Vial: 14
Signal #2 : C:\HPCHEM\1\DATA\073108\07310816.D\ECD2B.CH
Acq On : 31 Jul 2008 11:01 pm Operator: JP
Sample : 8026905 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:37 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310817.D\ECD1A.CH Vial: 15
Signal #2 : C:\HPCHEM\1\DATA\073108\07310817.D\ECD2B.CH
Acq On : 31 Jul 2008 11:34 pm Operator: JP
Sample : 8026906 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	162.6E6	92229593	40.251	42.887
Spiked Amount 50.000 Range 24 - 151 Recovery =					80.50%	85.77%
14) S Decachlorobiphen	25.62	25.79	165.1E6	97842343	36.978m	43.166m
Spiked Amount 50.000 Range 24 - 151 Recovery =					73.96%	86.33%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.09	0	3318847	N.D.	47.898 #
4) L1 PCB 1016 {3}	13.86f	13.76	4187436	846031	77.137	27.790 #
5) L1 PCB 1016 {4}	14.54	0.00	4476762	0	31.283	N.D. #
7) L1 PCB 1016 Total	0.00	0.00	8664198	4164878	18.266m	15.858m
8) L2 PCB 1260 {1}	0.00	18.88f	0	891716	N.D.	10.383 #
9) L2 PCB 1260 {2}	0.00	19.28f	0	1311907	N.D.	13.611 #
10) L2 PCB 1260 {3}	21.22	0.00	9770782	0	123.055	N.D. #
11) L2 PCB 1260 {4}	21.87	0.00	3805480	0	11.911	N.D. #
12) L2 PCB 1260 {5}	24.22f	23.98	2139194	2168086	22.677	37.295 #
13) L2 PCB 1260 Total	0.00	0.00	15715456	4371709	17.753m	9.330m#

VD

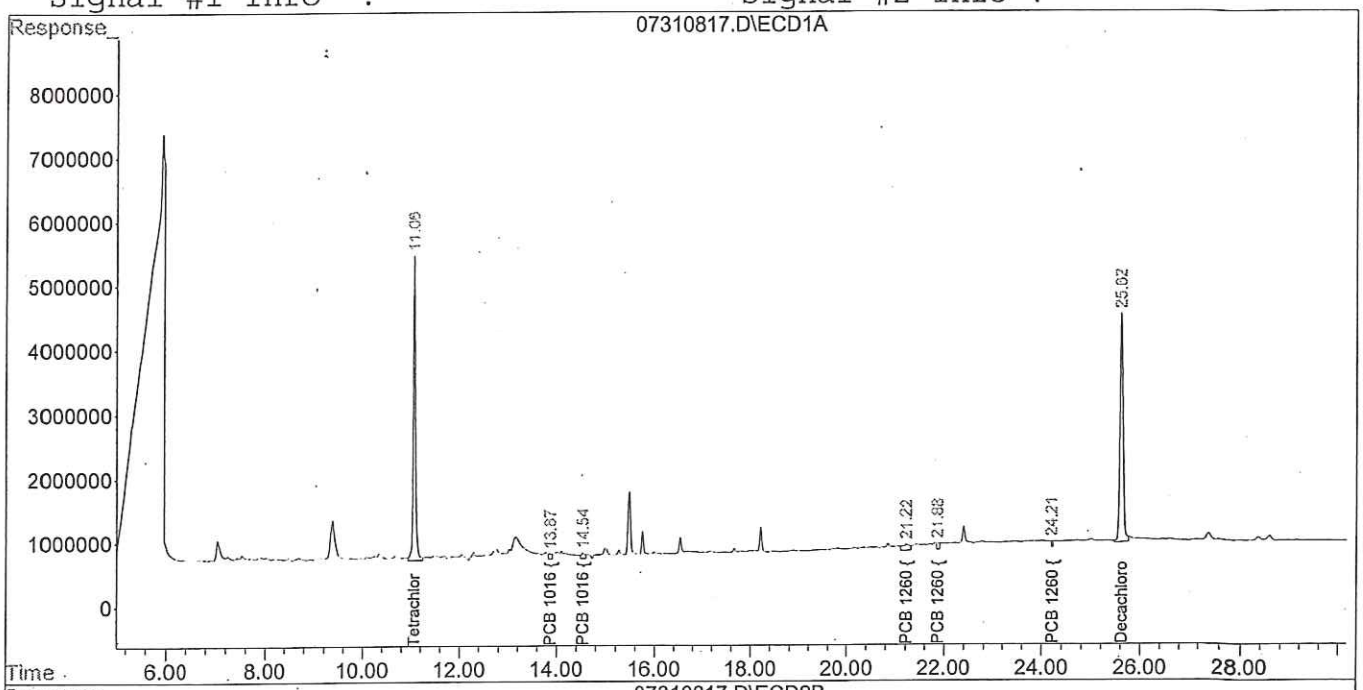
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

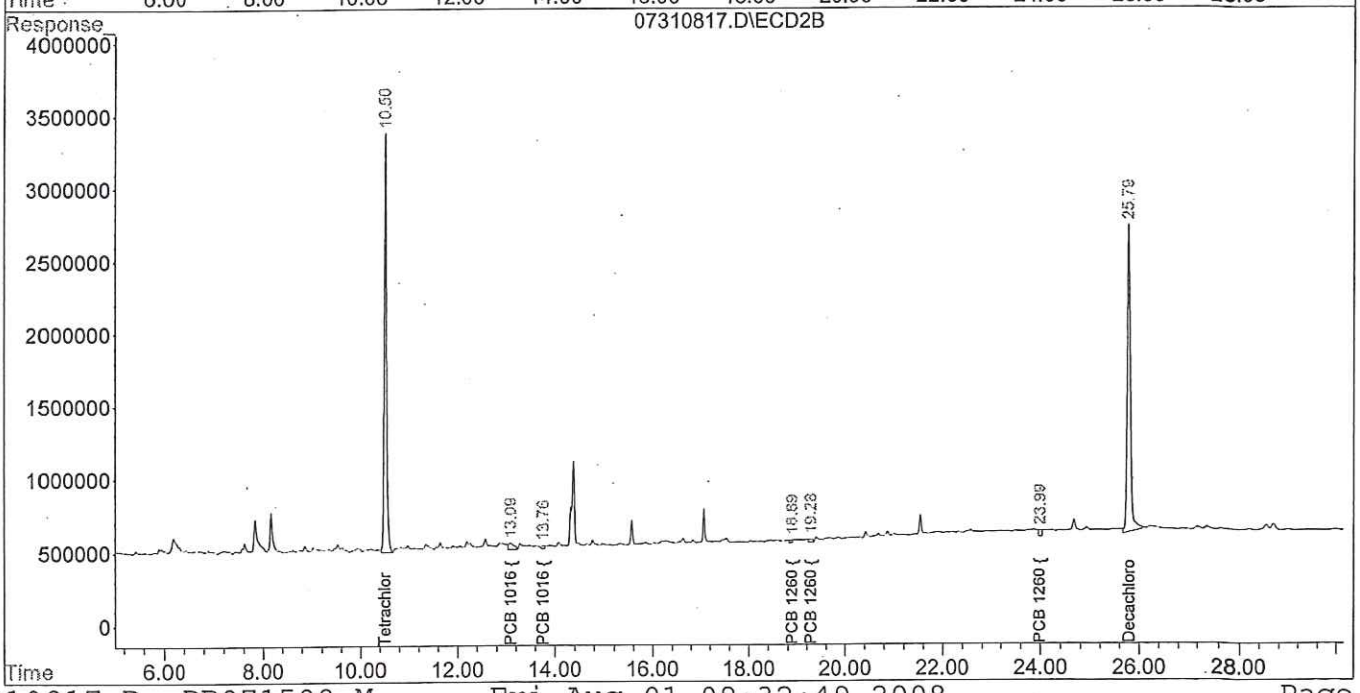
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310817.D\ECD1A.CH Vial: 15
Signal #2 : C:\HPCHEM\1\DATA\073108\07310817.D\ECD2B.CH
Acq On : 31 Jul 2008 11:34 pm Operator: JP
Sample : 8026906 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:40 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310818.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\073108\07310818.D\ECD2B.CH
Acq On : 1 Aug 2008 12:11 am Operator: JP
Sample : 8026907 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:48 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.49	152.1E6	87331106	37.666	40.609
Spiked Amount 50.000 Range 24 - 151 Recovery =					75.33%	81.22%
14) S Decachlorobiphen	25.62	25.79	239.1E6	133.1E6	53.555m	58.711m
Spiked Amount 50.000 Range 24 - 151 Recovery =					107.11%	117.42%
Target Compounds						
3) L1 PCB 1016 {2}	0.00	13.08	0	1619373	N.D.	23.371 #
4) L1 PCB 1016 {3}	13.87f	13.74	10307258	10562467	189.872	346.953 #
5) L1 PCB 1016 {4}	14.55	0.00	18575717	0	129.805	N.D. #
6) L1 PCB 1016 {5}	0.00	15.78f	0	3142912	N.D.	68.269 #
7) L1 PCB 1016 Total	0.00	0.00	28882975	15324752	60.890m	58.349m
8) L2 PCB 1260 {1}	18.95	18.82	12008717	16173662	78.777	188.329 #
9) L2 PCB 1260 {2}	0.00	19.31	0	8719953	N.D.	90.468 #
10) L2 PCB 1260 {3}	21.22	20.36	80125906	11292610	1009.121	164.756 #
11) L2 PCB 1260 {4}	0.00	21.62	0	18355608	N.D.	114.998 #
12) L2 PCB 1260 {5}	24.17	23.97	22766375	7814768	241.338	134.430 #
13) L2 PCB 1260 Total	0.00	0.00	114.9E6	62356600	129.799m	133.082m

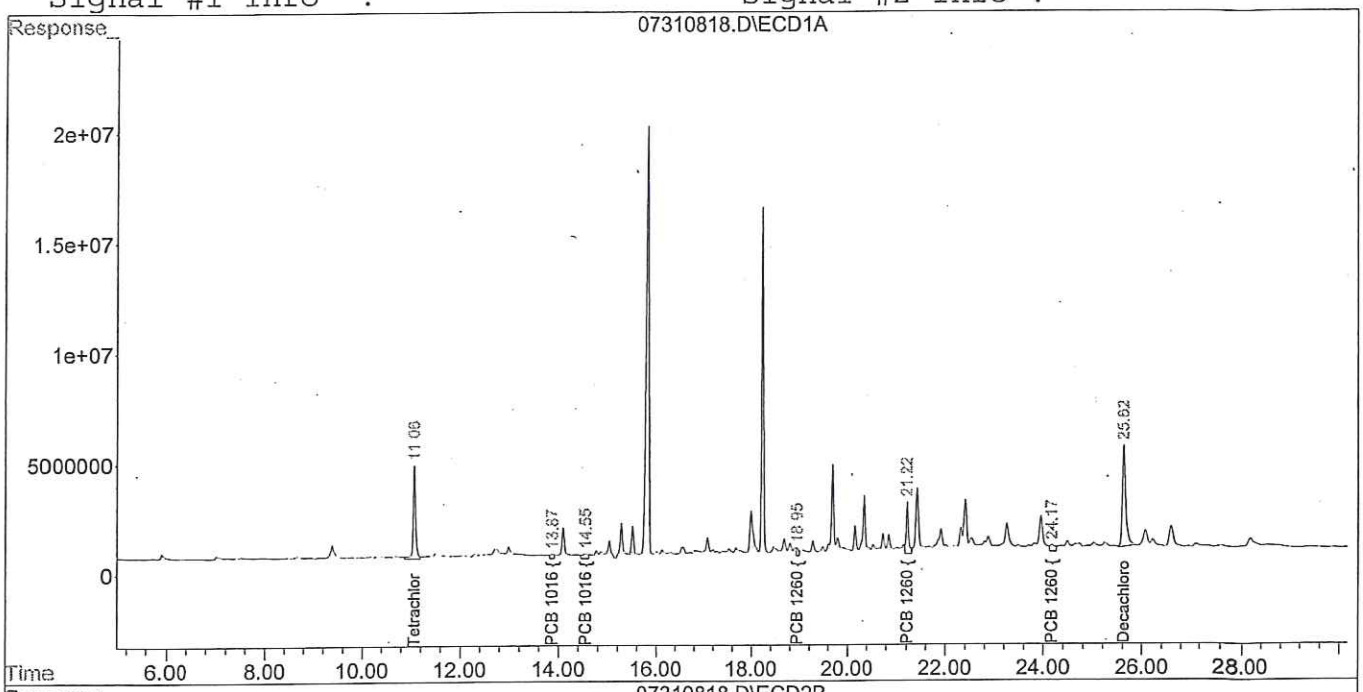
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

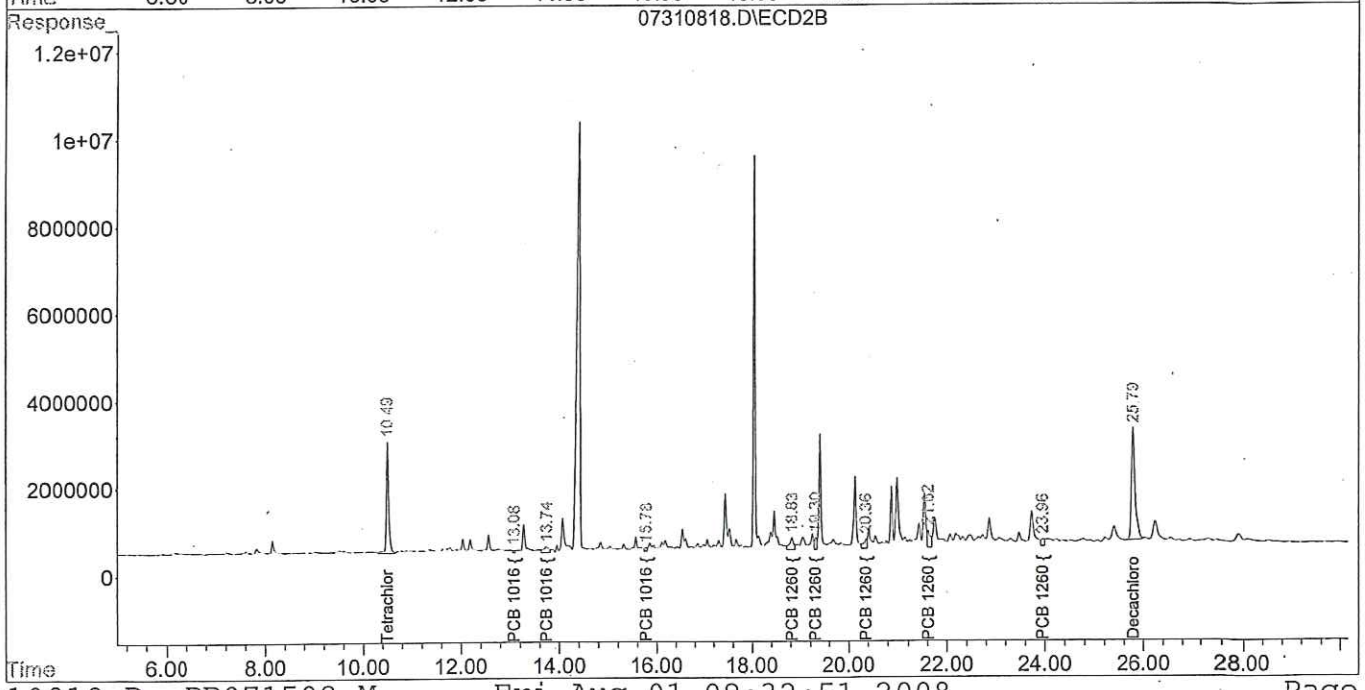
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310818.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\073108\07310818.D\ECD2B.CH
Acq On : 1 Aug 2008 12:11 am Operator: JP
Sample : 8026907 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:48 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310819.D\ECD1A.CH Vial: 17
Signal #2 : C:\HPCHEM\1\DATA\073108\07310819.D\ECD2B.CH
Acq On : 1 Aug 2008 12:45 am Operator: JP
Sample : 8026908 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	182.7E6	104.1E6	45.231	48.403
Spiked Amount 50.000 Range 24 - 151 Recovery =					90.46%	96.81%
14) S Decachlorobiphen	25.62	25.79	160.1E6	93584356	35.867m	41.287m
Spiked Amount 50.000 Range 24 - 151 Recovery =					71.73%	82.57%
Target Compounds						
3) L1 PCB 1016 {2}	13.25	13.10	8925634	808413	71.456	11.667 #
4) L1 PCB 1016 {3}	13.86f	13.75	2602969	745091	47.950	24.475 #
5) L1 PCB 1016 {4}	14.53	14.31	4647636	27518665	32.477	350.647 #
6) L1 PCB 1016 {5}	0.00	15.78f	0	745338	N.D.	16.190 #
7) L1 PCB 1016 Total	0.00	0.00	16176239	29817507	34.102m	113.531m#
8) L2 PCB 1260 {1}	18.98f	0.00	9951159	0	65.280	N.D. #
10) L2 PCB 1260 {3}	21.22	0.00	17585953	0	221.481	N.D. #
11) L2 PCB 1260 {4}	21.87	0.00	11282109	0	35.311	N.D. #
12) L2 PCB 1260 {5}	24.15	0.00	6629511	0	70.277	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	45448733	0	51.342m	N.D. m#

ND

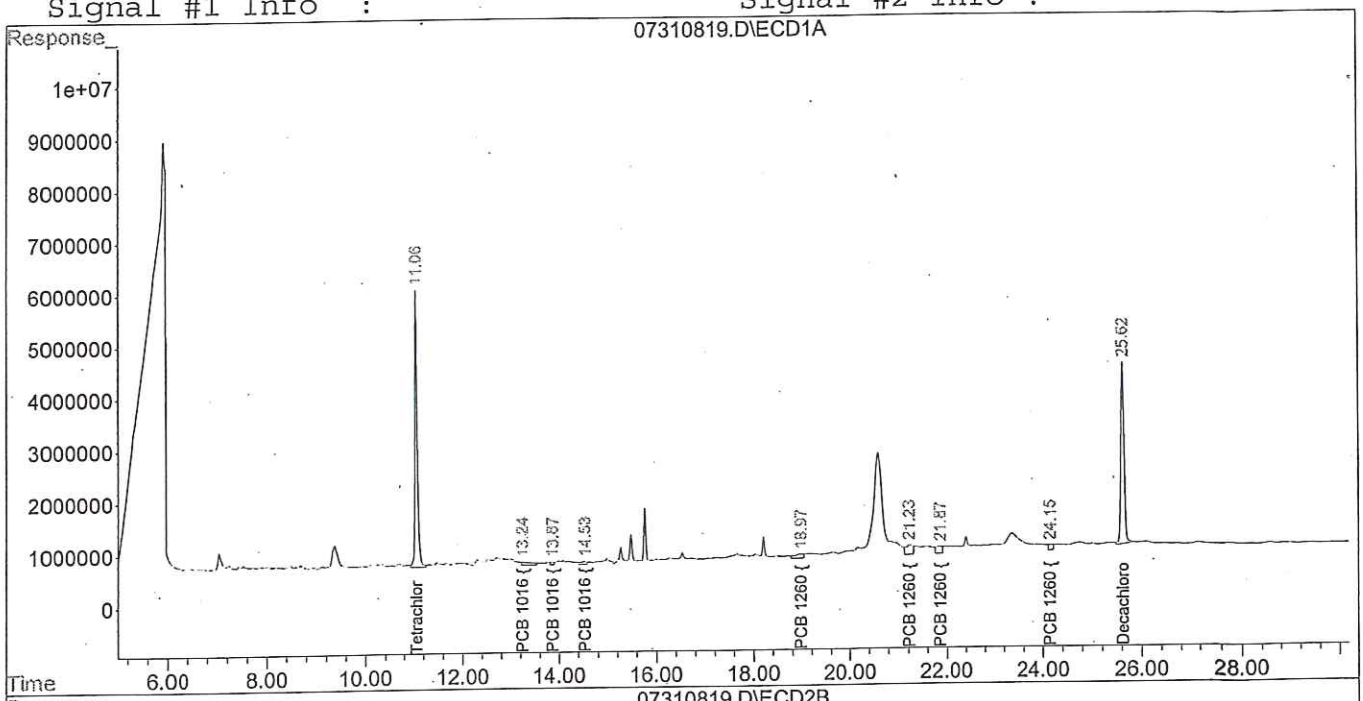
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

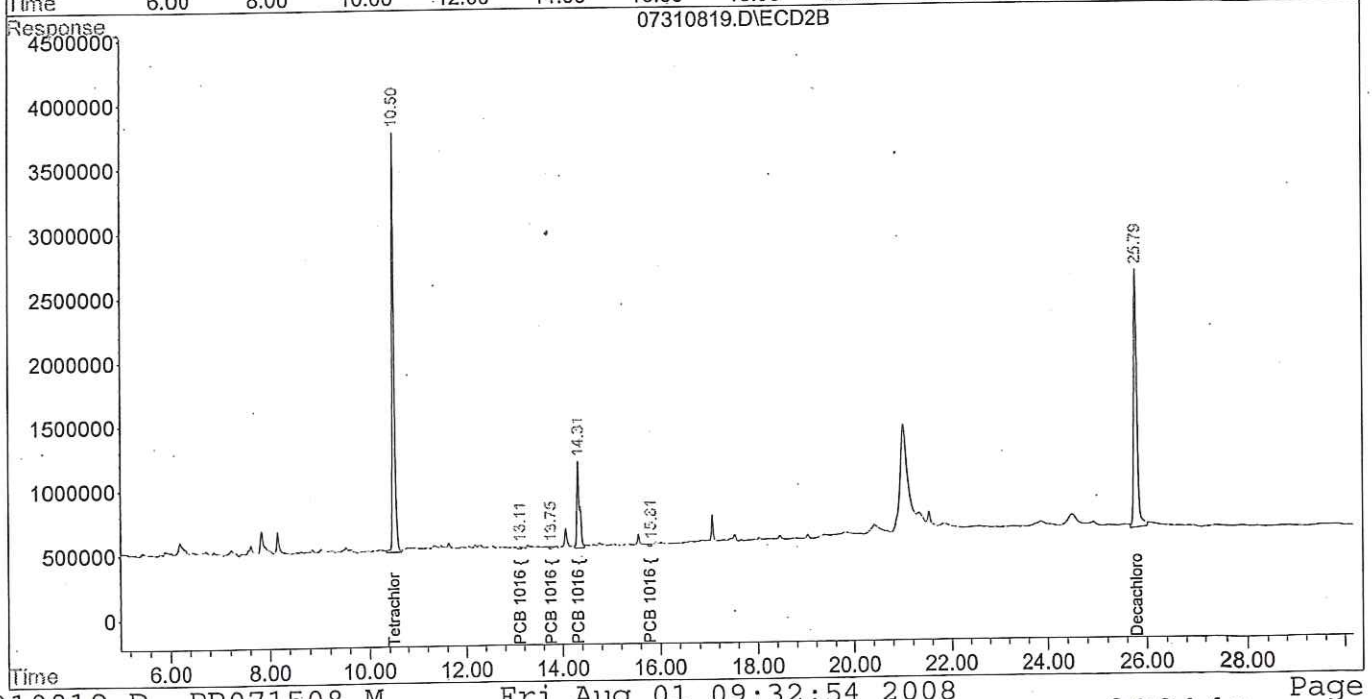
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310819.D\ECD1A.CH Vial: 17
Signal #2 : C:\HPCHEM\1\DATA\073108\07310819.D\ECD2B.CH
Acq On : 1 Aug 2008 12:45 am Operator: JP
Sample : 8026908 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310820.D\ECD1A.CH Vial: 18
Signal #2 : C:\HPCHEM\1\DATA\073108\07310820.D\ECD2B.CH
Acq On : 1 Aug 2008 1:18 am Operator: JP
Sample : 8026909 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	202.3E6	111.0E6	50.073	51.601
Spiked Amount 50.000 Range 24 - 151 Recovery =					100.15%	103.20%
14) S Decachlorobiphen	25.61	25.79	191.2E6	108.2E6	42.837m	47.749m
Spiked Amount 50.000 Range 24 - 151 Recovery =					85.67%	95.50%
Target Compounds						
2) L1 PCB 1016 {1}	12.26f	0.00	22990235	0	338.522	N.D. #
3) L1 PCB 1016 {2}	13.26	13.12	9230264	1879045	73.895	27.118 #
4) L1 PCB 1016 {3}	13.86f	13.80f	19394947	11472248	357.278	376.837
5) L1 PCB 1016 {4}	0.00	14.32	0	48658134	N.D.	620.009 #
6) L1 PCB 1016 {5}	0.00	15.78f	0	2166469	N.D.	47.059 #
7) L1 PCB 1016 Total	0.00	0.00	51615445	64175896	108.814m	244.351m#
8) L2 PCB 1260 {1}	18.94	18.82	13484680	10821197	88.459	126.004 #
9) L2 PCB 1260 {2}	20.34f	19.31	115.4E6	6903653	481.604	71.624 #
10) L2 PCB 1260 {3}	21.22	20.36	22935355	11662006	288.852	170.145 #
11) L2 PCB 1260 {4}	21.84	21.61	28135157	15868217	88.059	99.415
12) L2 PCB 1260 {5}	24.16	23.96f	18621465	9416618	197.399	161.985
13) L2 PCB 1260 Total	0.00	0.00	198.5E6	54671690	224.286m	116.681m#

ND

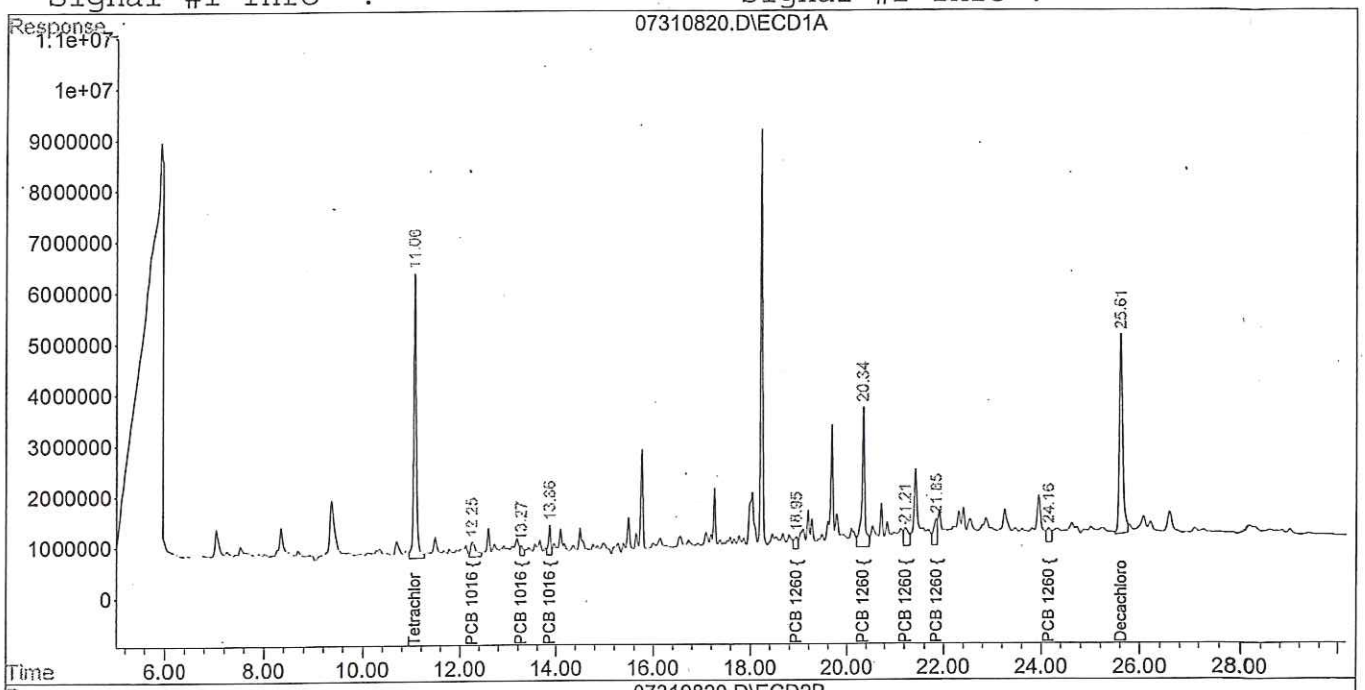
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

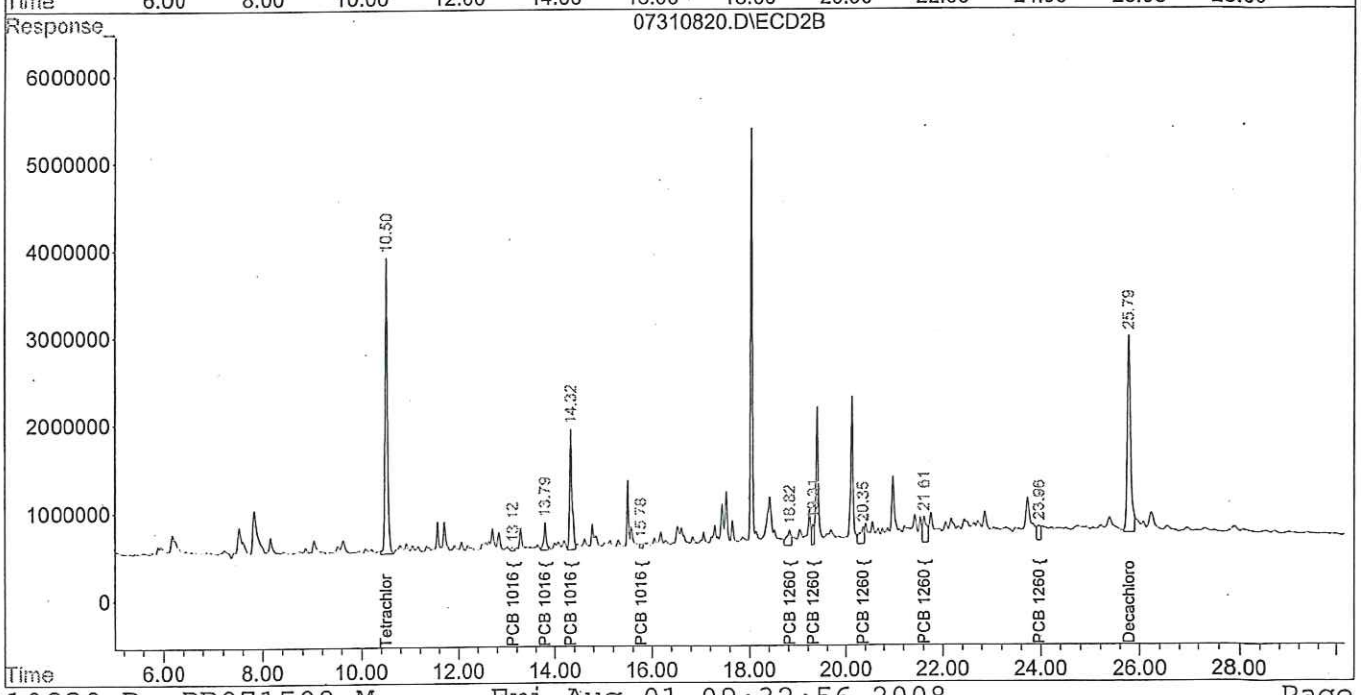
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310820.D\ECD1A.CH Vial: 18
Signal #2 : C:\HPCHEM\1\DATA\073108\07310820.D\ECD2B.CH
Acq On : 1 Aug 2008 1:18 am Operator: JP
Sample : 8026909 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 8:50 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310821.D\ECD1A.CH Vial: 19
Signal #2 : C:\HPCHEM\1\DATA\073108\07310821.D\ECD2B.CH
Acq On : 1 Aug 2008 1:52 am Operator: JP
Sample : 8026910 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:02 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	191.4E6	106.7E6	47.388	49.629
Spiked Amount 50.000 Range 24 - 151 Recovery =					94.78%	99.26%
14) S Decachlorobiphen	25.62	25.79	191.6E6	113.3E6	42.928m	50.003m
Spiked Amount 50.000 Range 24 - 151 Recovery =					85.86%	100.01%
Target Compounds						
3) L1 PCB 1016 {2}	13.24	13.10	14225183	2197047	113.883	31.708 #
4) L1 PCB 1016 {3}	13.86f	13.77	5472795	1611927	100.815	52.948 #
5) L1 PCB 1016 {4}	14.54	14.33	11521621	90406458	80.512	1151.971 #
6) L1 PCB 1016 {5}	0.00	15.80	0	2272141	N.D.	49.354 #
7) L1 PCB 1016 Total	0.00	0.00	31219599	96487572	65.816m	367.378m#
8) L2 PCB 1260 {1}	18.90f	18.83	12892033	2819149	84.572	32.827 #
10) L2 PCB 1260 {3}	21.22	20.42f	24847941	15454423	312.940	225.475 #
11) L2 PCB 1260 {4}	21.86	0.00	16456805	0	51.508	N.D. #
12) L2 PCB 1260 {5}	24.16	23.99	4039657	3790243	42.823	65.200 #
13) L2 PCB 1260 Total	0.00	0.00	58236436	22063815	65.787m	47.089m#

MD

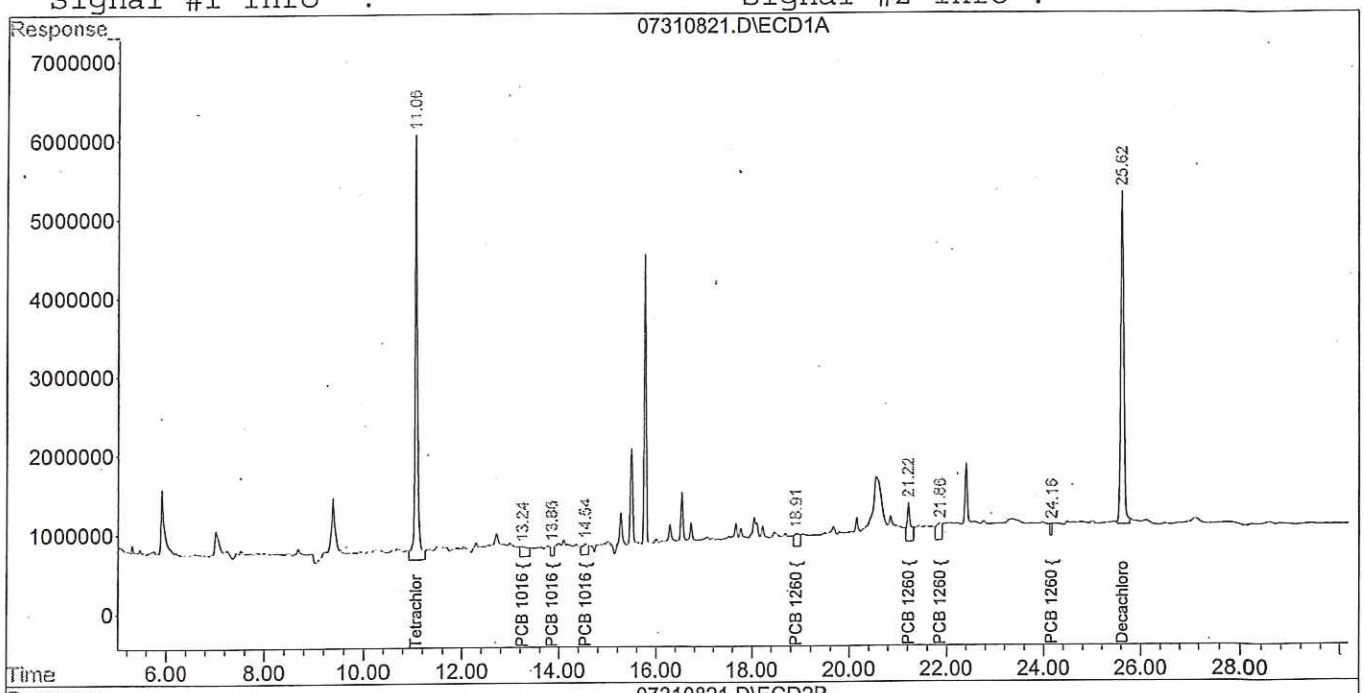
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

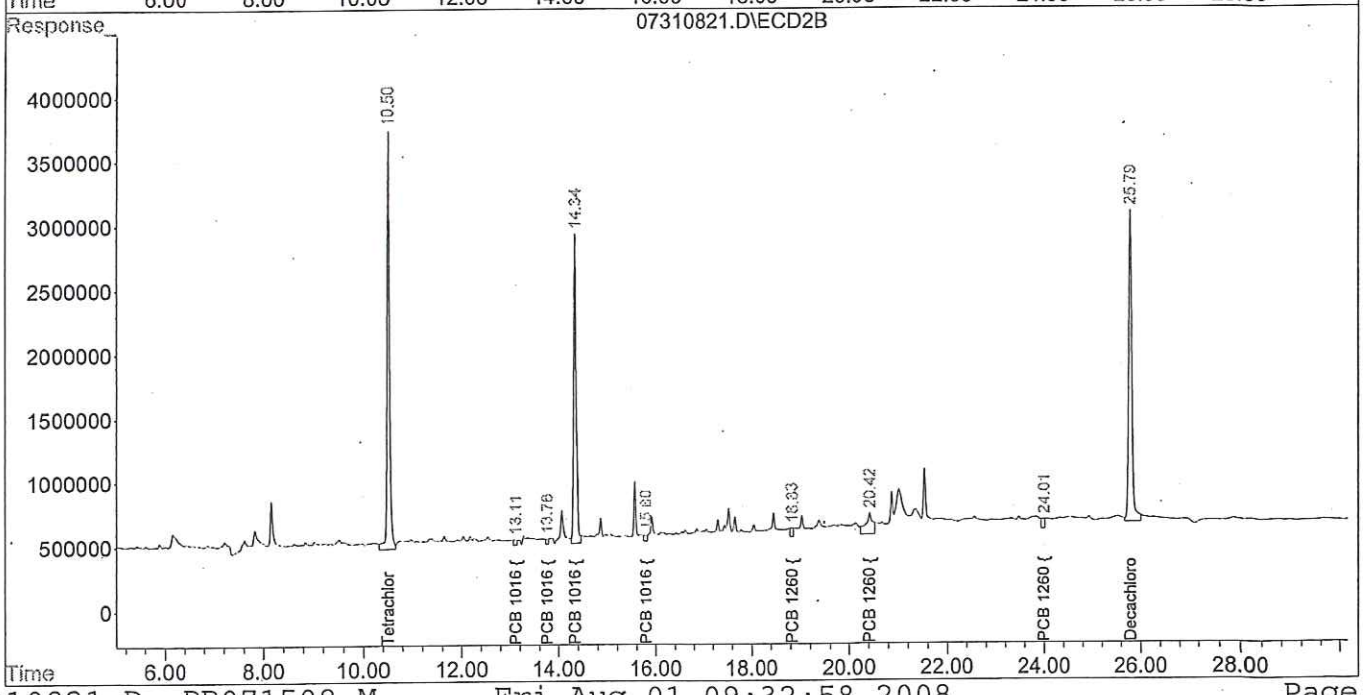
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310821.D\ECD1A.CH Vial: 19
Signal #2 : C:\HPCHEM\1\DATA\073108\07310821.D\ECD2B.CH
Acq On : 1 Aug 2008 1:52 am Operator: JP
Sample : 8026910 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:02 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310824.D\ECD1A.CH Vial: 21
Signal #2 : C:\HPCHEM\1\DATA\073108\07310824.D\ECD2B.CH
Acq On : 1 Aug 2008 3:33 am Operator: JP
Sample : 8027101 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	178.8E6	110.9E6	44.270	51.566
Spiked Amount 50.000 Range 24 - 151 Recovery =					88.54%	103.13%
14) S Decachlorobiphen	25.61	25.79	185.2E6	111.3E6	41.494m	49.120m
Spiked Amount 50.000 Range 24 - 151 Recovery =					82.99%	98.24%
Target Compounds						
3) L1 PCB 1016 {2}	13.29f	13.07f	17973048	7924096	143.887	114.361
4) L1 PCB 1016 {3}	13.86f	0.00	7559373	0	139.253	N.D. #
5) L1 PCB 1016 {4}	14.54	14.28f	19544358	7121879	136.573	90.748 #
6) L1 PCB 1016 {5}	15.99f	15.77f	24550304	14591932	291.813	316.958
7) L1 PCB 1016 Total	0.00	0.00	69627082	29637907	146.786m	112.847m
8) L2 PCB 1260 {1}	18.90f	18.81f	8877730	14494636	58.238	168.778 #
9) L2 PCB 1260 {2}	20.34f	0.00	121.5E6	0	507.140	N.D. #
10) L2 PCB 1260 {3}	21.20f	20.35	21567827	25367121	271.629	370.099 #
11) L2 PCB 1260 {4}	0.00	21.65	0	7844429	N.D.	49.145 #
12) L2 PCB 1260 {5}	24.18	24.04f	15448329	15022353	163.762	258.415 #
13) L2 PCB 1260 Total	0.00	0.00	167.4E6	62728539	189.079m	133.876m#

ND

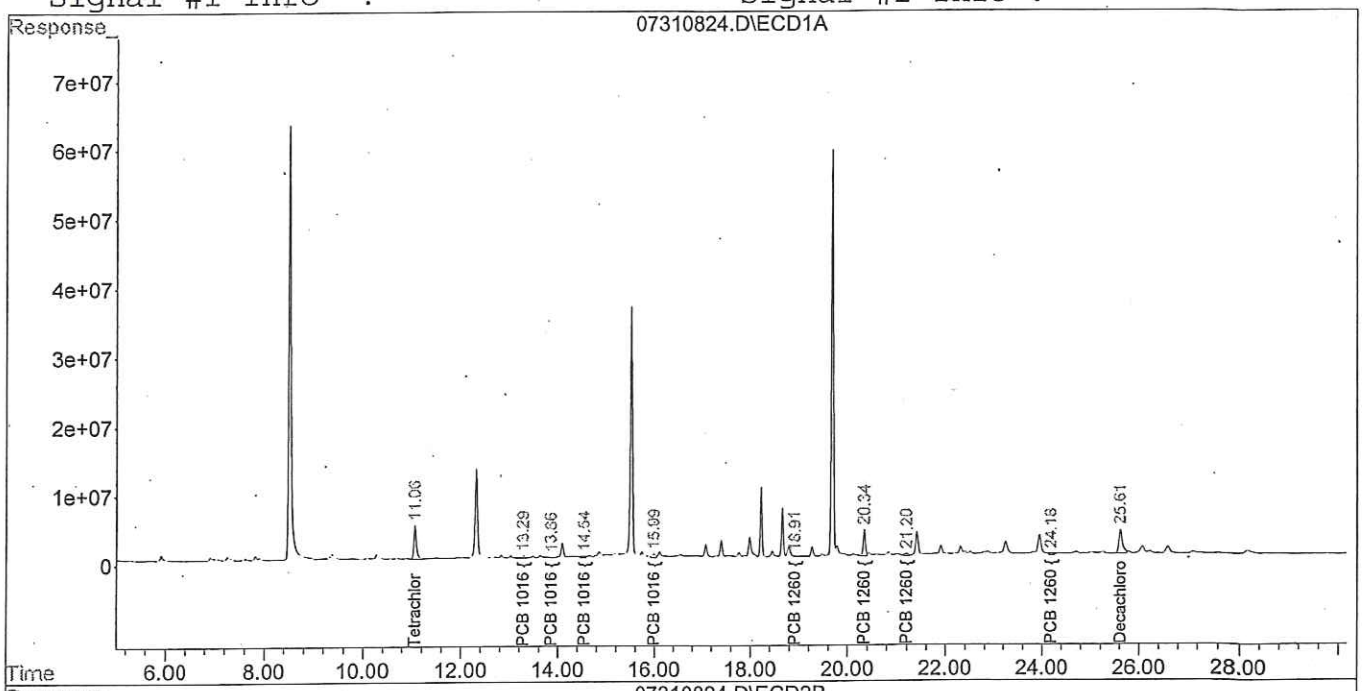
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

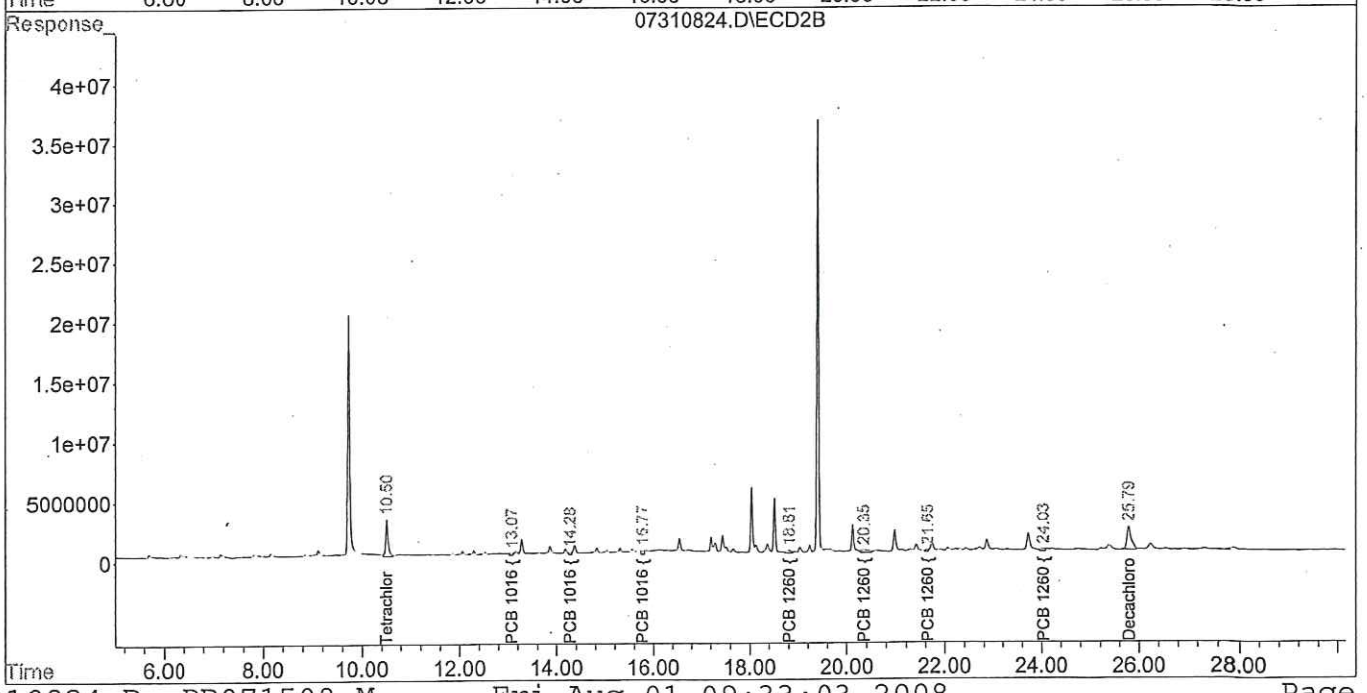
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310824.D\ECD1A.CH Vial: 21
Signal #2 : C:\HPCHEM\1\DATA\073108\07310824.D\ECD2B.CH
Acq On : 1 Aug 2008 3:33 am Operator: JP
Sample : 8027101 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:05 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310825.D\ECD1A.CH Vial: 22
Signal #2 : C:\HPCHEM\1\DATA\073108\07310825.D\ECD2B.CH
Acq On : 1 Aug 2008 4:06 am Operator: JP
Sample : 8027102 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:16 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	179.9E6	109.1E6	44.546	50.716
Spiked Amount 50.000 Range 24 - 151 Recovery =					89.09%	101.43%
14) S Decachlorobiphen	25.62	25.79	169.7E6	100.3E6	38.022m	44.266m
Spiked Amount 50.000 Range 24 - 151 Recovery =					76.04%	88.53%
Target Compounds						
2) L1 PCB 1016 {1}	0.00	11.94f	0	2790788	N.D.	72.701 #
3) L1 PCB 1016 {2}	13.29f	13.08	16272429	6864026	130.273	99.062
4) L1 PCB 1016 {3}	13.87f	0.00	6739259	0	124.145	N.D. #
5) L1 PCB 1016 {4}	14.54	14.28f	16094831	6486509	112.469	82.652 #
6) L1 PCB 1016 {5}	16.00f	15.78f	17429895	9870901	207.177	214.411
7) L1 PCB 1016 Total	0.00	0.00	56536414	26012224	119.188m	99.042m
8) L2 PCB 1260 {1}	18.94	18.82	11296100	8550616	74.102	99.565 #
10) L2 PCB 1260 {3}	21.20f	20.41f	24561427	24829028	309.331	362.248
11) L2 PCB 1260 {4}	21.81f	21.62	14697230	9131397	46.000	57.208
12) L2 PCB 1260 {5}	24.17	0.00	12865864	0	136.386	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	63420621	42511041	71.644m	90.727m#

VD

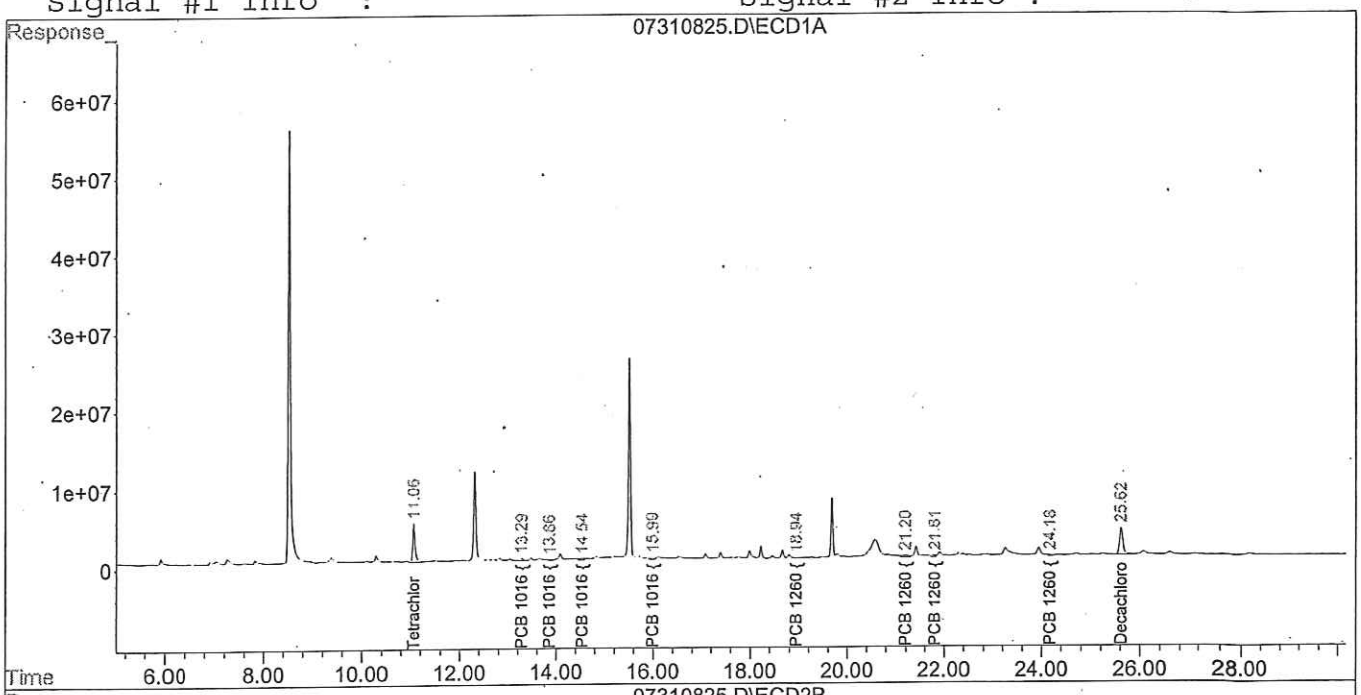
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

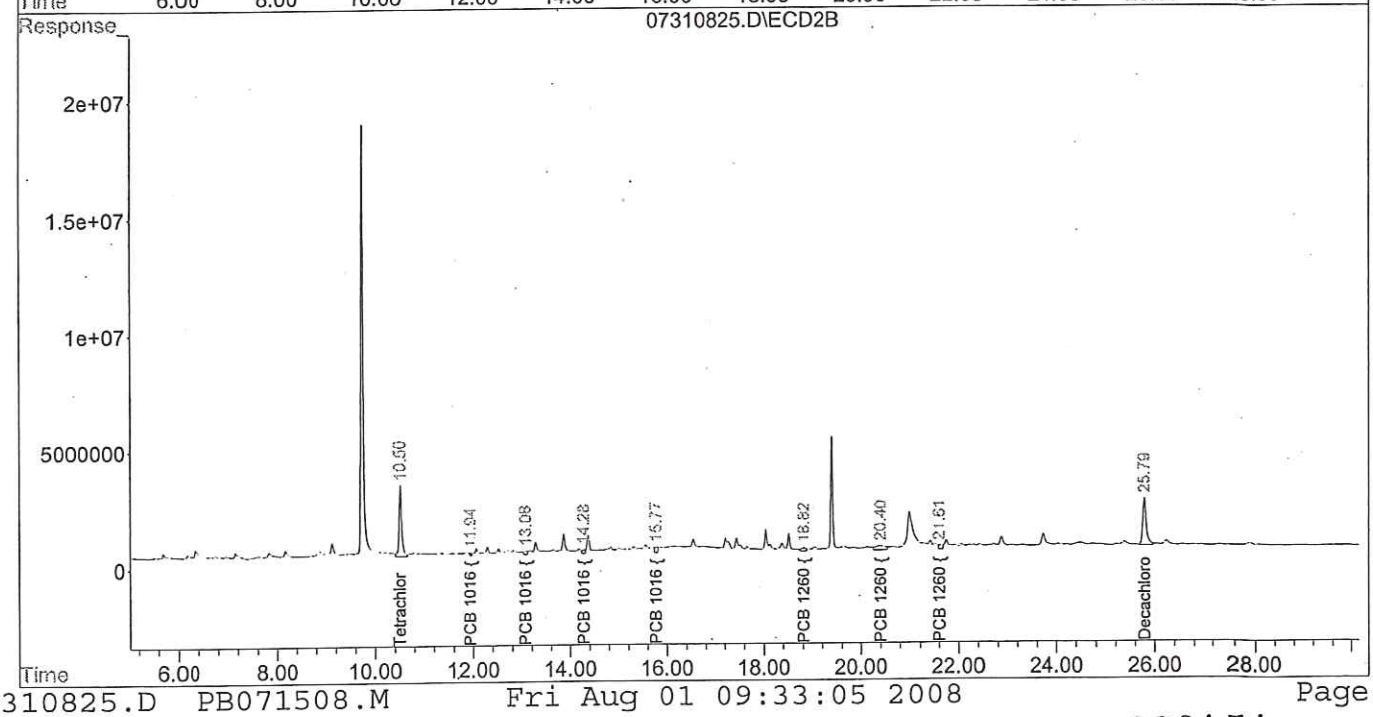
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310825.D\ECD1A.CH Vial: 22
Signal #2 : C:\HPCHEM\1\DATA\073108\07310825.D\ECD2B.CH
Acq On : 1 Aug 2008 4:06 am Operator: JP
Sample : 8027102 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:16 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310826.D\ECD1A.CH Vial: 23
Signal #2 : C:\HPCHEM\1\DATA\073108\07310826.D\ECD2B.CH
Acq On : 1 Aug 2008 4:40 am Operator: JP
Sample : 8027103 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:21 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	174.1E6	96524586	43.109m	44.884m
Spiked Amount 50.000 Range 24 - 151 Recovery =					86.22%	89.77%
14) S Decachlorobiphen	25.62	25.79	151.5E6	84581911	33.936m	37.316m
Spiked Amount 50.000 Range 24 - 151 Recovery =					67.87%	74.63%
Target Compounds						
2) L1 PCB 1016 {1}	12.16f	0.00	28567195	0	420.640	N.D. #
3) L1 PCB 1016 {2}	13.29f	13.09	45694941	34623984	365.821	499.693 #
4) L1 PCB 1016 {3}	13.87f	0.00	16831816	0	310.062	N.D. #
5) L1 PCB 1016 {4}	14.57f	0.00	159.7E6	0	1115.620	N.D. #
6) L1 PCB 1016 {5}	0.00	15.80	0	24909697	N.D.	541.076 #
7) L1 PCB 1016 Total	0.00	0.00	250.7E6	59533681	528.613m	226.676m#
8) L2 PCB 1260 {1}	18.94	18.82	11666720	24391837	76.534	284.023 #
10) L2 PCB 1260 {3}	21.22	20.42f	16823040	17531003	211.873	255.772
11) L2 PCB 1260 {4}	21.82f	21.62	16550818	9750620	51.802	61.088
12) L2 PCB 1260 {5}	24.17	0.00	13829491	0	146.601	N.D. #
13) L2 PCB 1260 Total	0.00	0.00	58870069	51673461	66.503m	110.282m#

ND

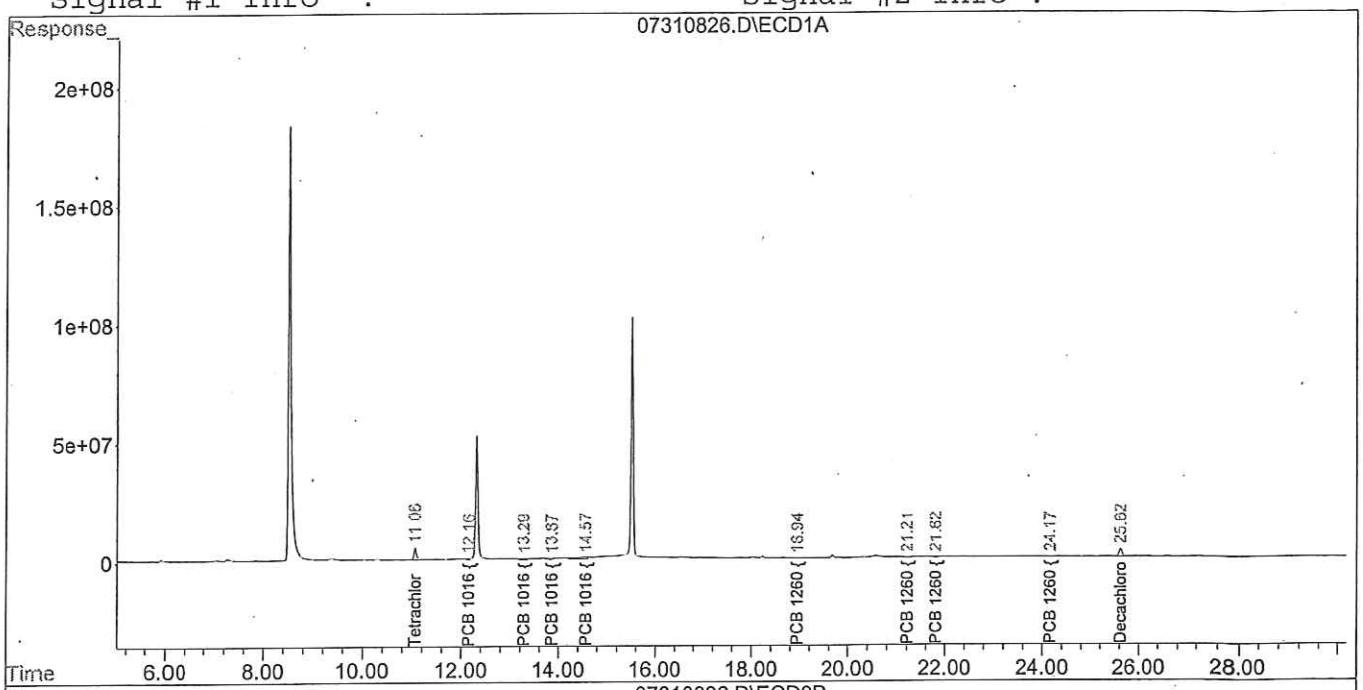
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

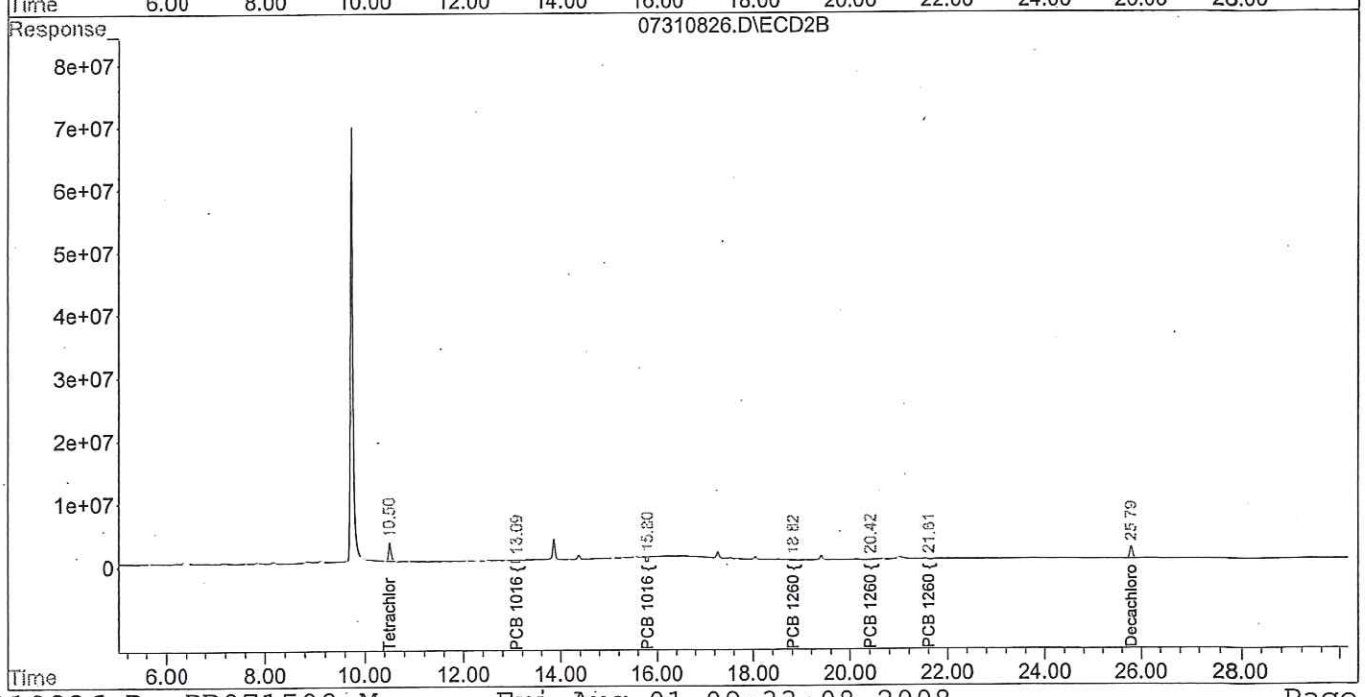
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310826.D\ECD1A.CH Vial: 23
Signal #2 : C:\HPCHEM\1\DATA\073108\07310826.D\ECD2B.CH
Acq On : 1 Aug 2008 4:40 am Operator: JP
Sample : 8027103 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:21 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310827.D\ECD1A.CH Vial: 24
Signal #2 : C:\HPCHEM\1\DATA\073108\07310827.D\ECD2B.CH
Acq On : 1 Aug 2008 5:14 am Operator: JP
Sample : 8027104 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:25 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Initial Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlor-m-xyl	11.06	10.50	203.8E6	97471965	50.446	45.325m
Spiked Amount 50.000 Range 24 - 151 Recovery =					100.89%	90.65%
14) S Decachlorobiphen	25.62	25.80	262.3E6	128.4E6	58.770m	56.661m
Spiked Amount 50.000 Range 24 - 151 Recovery =					117.54%	113.32%
Target Compounds						
2) L1 PCB 1016 {1}	0.00	11.95f	0	9107552	N.D.	237.256 #
3) L1 PCB 1016 {2}	13.29f	13.08	52330682	19019523	418.945	274.490 #
4) L1 PCB 1016 {3}	13.87f	0.00	14637402	0	269.638	N.D. #
5) L1 PCB 1016 {4}	14.57f	14.29	97035228	13714943	678.069	174.758 #
6) L1 PCB 1016 {5}	15.99f	15.78f	65506072	47081955	778.626	1022.690 #
7) L1 PCB 1016 Total	0.00	0.00	229.5E6	88923973	483.845m	338.580m#
8) L2 PCB 1260 {1}	18.90f	18.81f	17824965	30969793	116.932	360.618 #
9) L2 PCB 1260 {2}	20.34f	0.00	41973878	0	175.223	N.D. #
10) L2 PCB 1260 {3}	21.22	20.34f	18888234	9123568	237.882	133.110 #
11) L2 PCB 1260 {4}	0.00	21.61	0	12189157	N.D.	76.365 #
12) L2 PCB 1260 {5}	24.18	24.04f	27985262	23285153	296.661	400.552 #
13) L2 PCB 1260 Total	0.00	0.00	106.7E6	75567672	120.503m	161.277m#

MJ

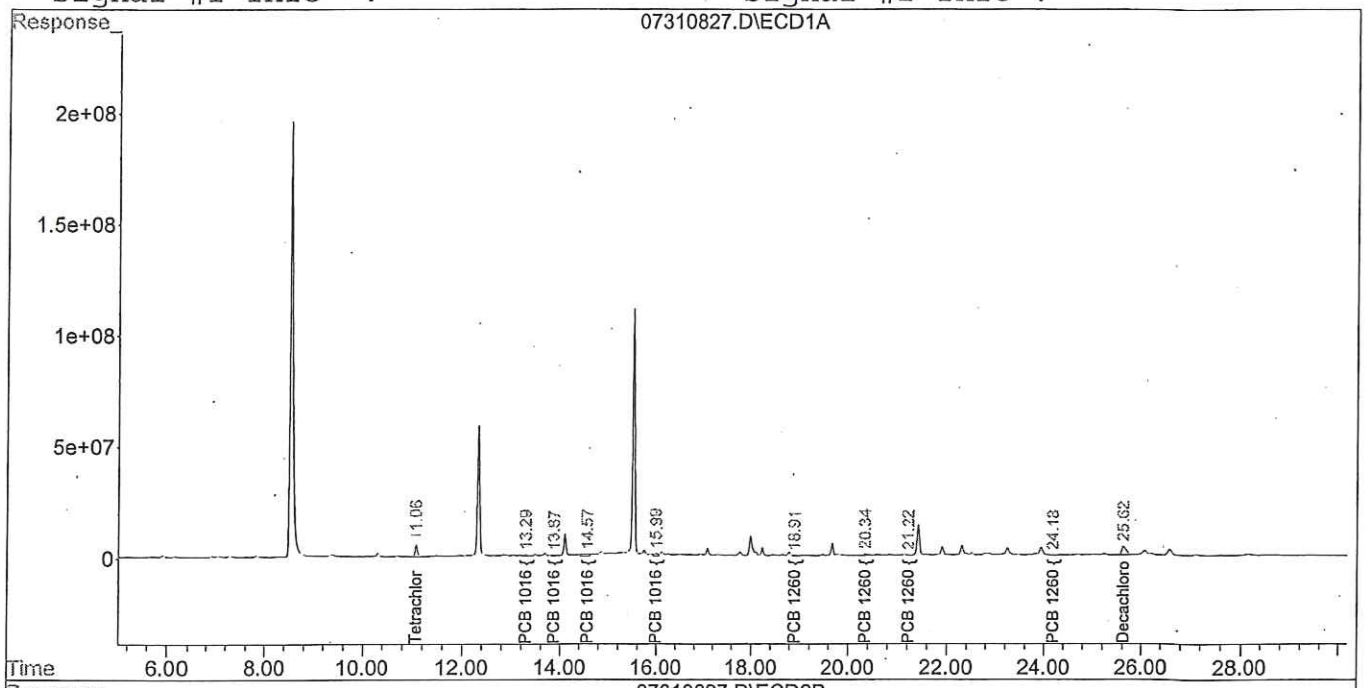
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

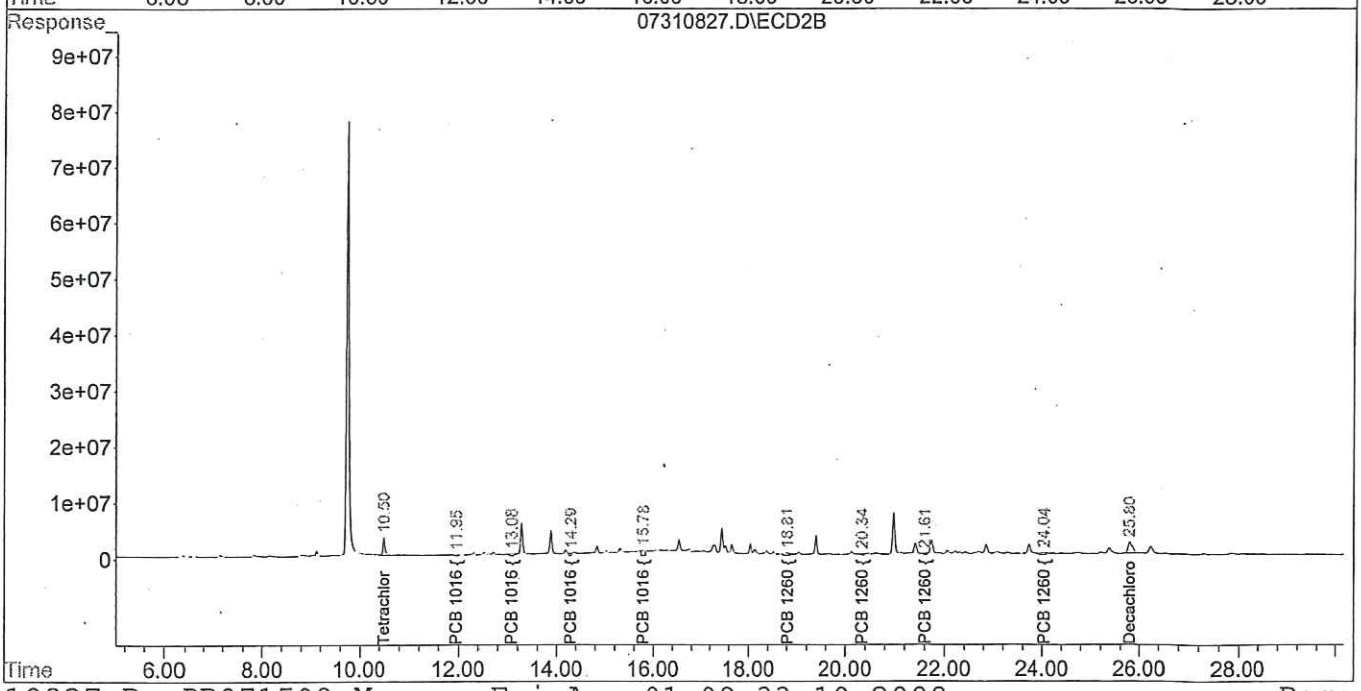
Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\073108\07310827.D\ECD1A.CH Vial: 24
Signal #2 : C:\HPCHEM\1\DATA\073108\07310827.D\ECD2B.CH
Acq On : 1 Aug 2008 5:14 am Operator: JP
Sample : 8027104 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Aug 1 9:25 2008 Quant Results File: PB071508.RES

Quant Method : C:\HPCHEM\1\METHODS\PB071508.M (Chemstation Integrator)
Title :
Last Update : Tue Jul 15 15:15:16 2008
Response via : Multiple Level Calibration
DataAcq Meth : B608RUN.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





LABORATORY DELIVERABLES CHECKLIST AND NON-CONFORMANCE SUMMARY

THIS FORM MUST BE COMPLETED BY THE LABORATORY OR ENVIRONMENTAL CONSULTANT AND ACCOMPANY ALL DATA SUBMISSIONS

The following Laboratory Deliverables Checklist and Non-Conformance Summary shall be included in the data submission. All deviations from the accepted methodology and procedures, of performance values outside acceptable ranges shall be summarized in the Non-Conformance Summary. The Technical Requirements for Site Remediation, effective June 7, 1993, provides further details. The document shall be bound and paginated, contain a table of contents, and all pages shall be legible. Incomplete data packages will be returned or held without review until the data package is completed.

It is recommended that the analytical results summary sheets listing all targeted and non-targeted compounds with the method detection limits, practical quantitation limits, and the laboratory and/or sample numbers be included in one section of the data package <u>and</u> in the main body of the report.

1.	Cover Page, Title Page listing Lab Certification #, facility name and address, & date of report submitted.	✓
2.	Table of Contents submitted.	✓
3.	Summary Sheets listing analytical results for all targeted and non-targeted compounds submitted.	✓
4.	Document paginated and legible.	✓
5.	Chain of Custody submitted.	✓
6.	Samples submitted to lab within 48 hours of sample collection.	✓
7.	Methodology Summary submitted.	✓
8.	Laboratory Chronicle and Holding Time Check submitted.	✓
9.	Results submitted on a dry weight basis.	✓
10.	Method Detection Limits submitted.	✓
11.	Lab certified by NJDEP for parameters of appropriate category of parameters or a member of the USEPA CLP.	✓

Laboratory Manager or Environmental Consultant's Signature [signature]
Date: 08 /15 /08

Laboratory Certification # 13461

*Refer to NJAC 7:26E – Appendix A, Section IV – Reduced Data Deliverables – Non-USEPA/CLP Methods for further guidance.

Laboratory Authentication Statement

I certify under penalty of law, where applicable, that this laboratory meets the Laboratory Performance Standards and Quality Control requirements specified in N.J.A.C. 7:18 and 40 CFR Part 136 for Water and Wastewater Analyses and SW-846 for Solid Waste Analysis. I have personally examined the information contained in this report and to the best of my knowledge, I believe that the submitted information is true, accurate, complete and meets the above referenced standards where applicable. I am aware that there are significant penalties for purposefully submitting falsified information, including the possibility of a fine and imprisonment.

Jacqueline Hamer
QA/QC Supervisor

Attachment 2

Hazardous Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NJ2210020078
2. Page 1 of 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 000238114 VES

5. Generator's Name and Mailing Address
US ARMY COM ELECT COMD
C WOOD AREA J FALLON
ATTN: IMNE-MON-PWE
FORT MONMOUTH, NJ 07703
Generator's Phone: 732 532-1122

Generator's Site Address (if different than mailing address)
US ARMY COM ELECT COMD
C WOOD AREA J. FALLON
ATTN: IMNE-MON-PWE
FORT MONMOUTH, NJ 07703

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS — U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: Environmental Transport Group Inc — U.S. EPA ID Number: NJD000692061

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
L.L.C.
1 EDEN LANE
FLANDERS, NJ 07836
Facility's Phone: 973 347-1909
U.S. EPA ID Number: NJD080536593

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, III	024	DM	07680	K	PCB2
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG:171 SOIL CONTAMINATED WITH PCB (16 - 62 PPB) -|- ADDENDUM ATTACHED
FOR ADDITIONAL TSCA INFORMATION - ER Service Contracted by VESTS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. ON BEHALF OF

Generator's/Offeror's Printed/Typed Name: Kevin Gashlin — Signature: Kevin Gashlin — Month 09 Day 10 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gerald T. Devlin — Signature: — Month 09 Day 10 Year 08
Transporter 2 Printed/Typed Name: James Bonnell — Signature: James Bonnell — Month 09 Day 12 Year 08

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: William Riker — Signature: — Month 9 Day 12 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

WASTE MANAGEMENT

RECEIVED
OCT 6 2008

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

VEOLIA ES TECHNICAL SOLUTIONS, LLC
ATTN: MARIANNA GALBIERCZYK
NJD980536593
1 EDEN LN
FLANDERS NJ 07836-8950

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from VEOLIA ES TECHNICAL SOLUTIONS, LLC on 09/26/08 as described on Shipping Document number 000181514VES Sequence number 08. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: 953503
CWM Tracking ID: 8162813108
CWM Unit #: 1*0 thru 23*0
Disposal Date: 09/30/08

US Army
000238114VES

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 322537
10/02/08

For questions please call our Customer Service Dept. at (800) 843-3604

ENTERED

From everyday collection to environmental protection, Think Green® Think Waste Management.

Printed on 100% post-consumer recycled paper.

WASTE MANAGEMENT

RECEIVED
OCT 14 2008

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

VEOLIA ES TECHNICAL SOLUTIONS, LLC
ATTN: MARIANNA GALBIERCZYK
NJD980536593
1 EDEN LN
FLANDERS NJ 07836-8950

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from VEOLIA ES TECHNICAL SOLUTIONS, LLC on 10/02/08 as described on Shipping Document number 000181519VES Sequence number 03. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: 953503
CWM Tracking ID: 8162838803
CWM Unit #: 1*0
Disposal Date: 10/07/08

US Army
000238114 VES

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 322921
10/09/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

M6
ENTERED

From everyday collection to environmental protection, Think Green® Think Waste Management.

Printed on 100% post-consumer recycled paper.

Attachment 3

Clean Fill Documentation

Phone
(732) 222-0612

PHONES

Fax
(732) 222-8126

JOHN • GUIRE • CO.

Fuel Oil • Hardware

Crushed Stone, Lawn and Garden Supplies
P.O. BOX 3085
187 BRIGHTON AVE., LONG BRANCH, N.J. 07740

July 30,2008

CTSC
Bldg 117
Fort Monmouth,NJ 07703

To inform you the fill dirt that you pick up in our yard is certified to be virgin fill ,that we purchase from a pit in Wall Township,NJ.

Sincerely,

Robert A Shannon
President
John Guire Co.

7-30-08 | 201/08-00815

Date | Cust. Phone

JOHN GUIRE CO.

187 BRIGHTON AVE. • LONG BRANCH, N.J. 07740
732-222-0612 • FAX 732-222-8126

71038

Driver On _____ Off _____

Supplies

ustomer's Name [illegible]

ddress East [illegible]

Product Fill

Price Per Ton 10.00 / 9.00

07:45A 08-01-2008
15420 lb GROSS

09:52A 08-01-2008
33340 lb GROSS
15420 lb TARE
17920 lb NET

Price [illegible]

Del. Chg. _____

Sub Total _____

Tax _____

TOTAL [illegible]

Other Product
Always Availab

- Fuel Oil
- Hardware
- Lawn & Garden Sup
- Mulch
- Top Soil & Fill D
- Wall Stone
- Cobble Stone
- Railroad Ties

ecial Instructions

delivered prices are for street curb delivery, except where the curb and sidewalk are entirely dged and protected and a suitable road provided to actual point of unloading inside of curb. We l assume no responsibility for any damages where delivery is made inside of curb.

Rec'd By _____

Weigher _____

T/A

Attachment 4

Groundwater Monitoring Sheet

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 2000
MW#: 2000 TW1
NJDEP ID #:
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/30/08
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.81 ft
DEPTH OF WELL: 21.00ft
DEPTH TO TOP OF SCREEN: 9.19 ft
HEIGHT OF WATER: ft
(9.19) X .0.041 X 4 =1.47
GALLONS OF H_2O TO BE PURGED:1.5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:36
pH 5.92 su
DISSOLVED O_2 5.66 mg/L
TEMP 20.10 °C
SPECIFIC CONDUCTIVITY 2653.0 µs/cm

PURGE END TIME: 10:04
pH 5.47 su
DISSOLVED O_2 5.84 mg/L
TEMP 22.40 °C
SPECIFIC CONDUCTIVITY 3644.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 18.71ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM Aug 2005) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 1.5 gal

SAMPLE START TIME: 11:00
pH 5.71 su
DISSOLVED O_2 5.76 mg/L
TEMP 21.89 °C
SPECIFIC CONDUCTIVITY 3517.0 µs/cm

SAMPLE END TIME: 11:40

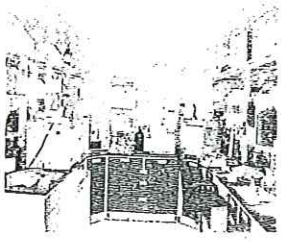
COMMENTS: Slow Recharge.

Attachment 5

Laboratory Analytical Report
QC Laboratories

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 1122

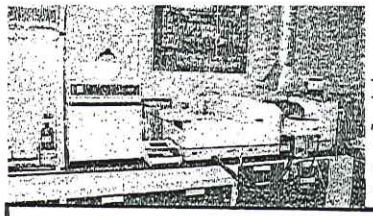
Bldg. 2000

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Bldg. 2000 Field Blank	8027001	Aqueous	30-July-08 10:00	07/30/08
Bldg. 2000 TW#1	8027002	Aqueous	30-July-08 11:00	07/30/08

ANALYSIS:
QC LABORATORIES
PCBs

8/18/08
Jacqueline Hamer/Date
QA/QC Supervisor

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:hamerj@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone #: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: 80270
Location: 2000 BLD.

Samplers Name / Company: WALTER FUNK /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
80270 .01	2000 ~~FIELD~~ FIELD BLANK	07-30-08	10:00	AQ	1	X								
80270 .02	2000 TW #1 W.P.	07-30-08	11:00	AQ	1	X								

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	07/30/08 11:00	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

print legibly

COC.XLS7/8/2008

QC Laboratories

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac
08/18/08 12:30pm

Regarding:

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

DAN WRIGHT
CHENEGA TECHNOLOGY SERVICES CORPORATION
ENVIRONMENTAL OFFICE
BUILDING 173 - RIVERSIDE AVENUE
FORT MONMOUTH, NJ 07703

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH

P.O. No:
PWSID No:

Inv. No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2734493-1	TVS, PROJ #80270 LOC 2000 BLVD, 80270.01, 2000 FIELD BLANK Received Temp: 58 F Iced (Y/N): Y	07/30/08 10:00am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
AROCLOR-1016	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1221	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1232	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1242	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1248	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1254	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO
AROCLOR-1260	EPA 608	ND ug/l	0.500 ug/l	08/09/08 01:10AM AWO

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2734493-2	80270.02, 2000 TW #1 Received Temp: 58 F Iced (Y/N): Y	07/30/08 10:00am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
AROCLOR-1016	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1221	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1232	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1242	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1248	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1254	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO
AROCLOR-1260	EPA 608	ND ug/l	0.500 ug/l	08/09/08 12:44AM AWO

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
- Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
- A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
- All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
- The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
- Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
- QC NELAP ID's:PA 09-00131,NJ PA166,FL E87954,NY 11223,CT PH-0768,DE PA-018,KY 90228,MD 206,EPA PA00018.Bioassay:PA 09-03574,NJ

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Thomas J. Hines, President

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QC Laboratories

Analytical Report

08/18/08 12:30pm

Account No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH P.O. No: Inv. No:
Project No: W03612, CHENEGA TECHNOLOGY FORT MONMOUTH PWSID No:

PA034,FL E87953,KS E10373,SC 89020001.
- QC STATE ID's:Wind Gap,NJ PA001,PA 48-01334;E RUTHERFORD NJ02015;Vineland NJ06005; Reading PA 06-03543.
- All samples are collected as "grab" samples unless otherwise identified.
- MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLs=customer specific permit limits.

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