DATA SUMMARY PACKAGE CHECKLIST

SDG #: 08120163	Sample IDs: AL20776-95	Date: Jan 8, 2009
Analytical Method: EPA SW 846 8082	Number of Samples: 20	Matrix: Soil/Plainwell TCRA 12/10/08

Present	Package Attestation Documentation
Present	Package Narrative
Present-	Field Chain-of-Custody Record
GC sheet 8082-	GC Extraction Log
Present	Compound Identification (FORM I)
Present	Compound Quantitation
Present-One performed in control.	Laboratory Control Spike Summary
Present- Both surrogates were flagged as diluted out in 6 samples and the MS/MSD in this batch due to high PCB concentrations in the samples or added to the samples. One sample had low recovery for the DCBP surrogate and acceptable recovery for TCMX.	Surrogate Recovery Summary
Present- One MS/MSD was analyzed with this batch and the recoveries and RPD were within QC limits. The surrogates were flagged as diluted for the MS and MSD due to the high concentration of PCB added to the samples. The surrogate recoveries were within the QC limits but due to dilution the concentrations were below the calibration limits. No qualification is necessary. Precision is acceptable for this batch.	MS/MSD Summary
Present-NA	Duplicate Summary
Present-NA	Standards Summary Tables (FORM VII)
Present-Form 6F-1	Initial Instrument Calibration (FORM VI)
Present- Form 7E-1 and 7E-2	Continuing Calibration Check Standard Summary
Present-NA	Check Standards
Present- one performed in control-all Aroclors < PQL	Laboratory Blanks/Method Blank
Present	Sample Chromatograms
Present	QC Raw Data
Present	Sample GC Injection Log

Comments: In all samples when detected, Aroclors 1242 and 1254 were flagged to denote an altered chromatographic pattern and were reported as best Aroclor matches. Both surrogates were flagged as diluted out for samples AL20783, 84, 91, 93, 94, 95 and the MS/MSD (AL20785M, K) due to high concentrations of PCB in the samples. Sample AL20781 had low DCBP surrogate recovery however the TCMX surrogate was in control. No qualification necessary. The field duplicate and sample both had no Aroclors detected above the PQL indicating good agreement between the two.

REVIEWER [signature] DATE: 1/19/09

DATA SUMMARY PACKAGE FOR

CAMP DRESSER & McKEE
1 WOODWARD AVENUE
DETROIT, MICHIGAN 48226

ANALYTICAL METHOD:

SW-846 METHOD 8082 (PCB)

DATE: January 8, 2009-B

LRF: 08120163

PROVIDED BY : NORTHEAST ANALYTICAL, INC.
2190 TECHNOLOGY DRIVE
SCHENECTADY, NEW YORK 12308
518-346-4592

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Attestations

Attestations:

The following have been directly involved in the preparation of the sample data contained herein and in the preparation of the associated data summary report.

SAMPLE CUSTODIAN:	Adam Moore
SAMPLE PREPARATION CHEMIST:	Carrie Barss
GC ANALYST:	Anthony Maiello
QA/QC OFFICER:	Christina Braidwood
LAB DIRECTOR:	Robert E. Wagner

Case Narrative

January 8, 2009

CASE NARRATIVE

This data summary package is comprised of sediment and soil samples received for analysis on December 18, 2008 (Assigned Sample Delivery Group: 08120163). The samples are from Project Name: Plainwell Dam #2 Investigation. The samples were collected by Camp, Dresser & McKee (CDM) on December 10, 2008. Samples were delivered to Northeast Analytical, Inc. (NEA) by FedEx courier service. All samples were received at the laboratory intact and within holding times.

This sample delivery group consists of the following samples:

NEA Sample ID:	Client Sample ID:
AL20776	P2SD-1A-01
AL20777	P2SD-1B-01
AL20778	P2SD-2A-01
AL20779	P2SD-2B-01
AL20780	P2SL-3A-01
AL20781	P2SD-4A-01
AL20782	P2SD-4B-01
AL20783	P2SD-5A-01
AL20784	P2SD-5B-01
AL20785	P2SD-6A-01
AL20786	P2SD-6A-03
AL20787	P2SD-7A-01
AL20788	P2SD-7B-01
AL20789	P2SD-8A-01
AL20790	P2SD-9A-01
AL20791	P2SL-10A-01
AL20792	P2SL-10B-01
AL20793	P2SD-11A-01
AL20794	P2SD-11B-01
AL20795	P2SD-12A-01

20

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 single column GC analysis. The Accelerated Solvent Extraction Method (EPA Method 3545) was employed for the sediment and soil samples. The following technical and administrative items were noted for the analysis:

1. The concentration results for Aroclor 1242 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.

2. The concentration results for Aroclor 1254 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.

3. The percent recovery for the TCMX and DCBP surrogates was diluted out for the Matrix Spike and the Matrix Spike Duplicate (NEA ID: AL20785M and AL20785K) samples due to high PCB concentration in the samples. Please see Form 2 for details.

4. The percent recovery for the TCMX and DCBP surrogates was diluted out for several samples (NEA ID: AL20783, AL20784, AL20791 and AL20793-95) due to the high PCB concentration in the samples. Please see Form 2 for details.

5. Sample P2SD-4A-01 (NEA ID: AL20781) had a DCBP surrogate recovery below QC limits, but the alternate TCMX surrogate was within limits. Please see form 2 for details.

Form –1 Qualifier Summary PCB Analysis:

J-Denotes concentration result greater than the MDL but less than the PQL
B-Denotes analyte observed in associated method blank at a concentration exceeding the PQL
U-Denotes analyte not observed at a concentration greater than the PQL

Respectfully submitted,

Christina L. Braidwood
Quality Assurnace Officer
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Sample Chain Of Custody

CHAIN OF CUSTODY RECORD

PAGE 1 OF 8

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # <08120163P1>
081201631

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ○ RETURN TO CLIENT
- ⊗ DISPOSAL BY NORTHEAST ANALYTICAL
- ○ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): CDM / MDEQ
PROJECT#/PROJECT NAME: Plainwell Dam #2 Investigation
PROJECT MANAGER: Todd King
PROJECT LOCATION (CITY/STATE) ADDRESS: Kalamazoo, MI
PHONE: 313-963-1313
SAMPLED BY: (Please Print) A. Santini
REQUIRED TURN AROUND TIME: Standard
SAMPLING FIRM: CDM / MDEQ
NAME OF COURIER (IF USED): FedEx
Data Report: ☒ CLP* ☐ Certificates Only
ELECTRONIC RESULTS FORMAT: .PDF ☒ EXCEL (.CSV) ☒
E-MAIL ADDRESS:
FAXED RESULTS ☐ FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE	0							
BOTTLE TYPE:	Glass							
BOTTLE SIZE:	8oz							

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCB Aroclor							REMARKS:
P2SD-1A-01	12/10/08	1130	Sediment	Grab	AL20776	1	X							
P2SD-1B-01		1130			AL20777	1	X							
P2SD-2A-01		1135			AL20778	1	X							
P2SD-2B-01		1135			AL20779	1	X							
P2SL-3A-01		1140	Soil		AL20780	1	X							
P2SD-4A-01		1154	Sediment		AL20781	1	X							
P2SD-4B-01		1154			AL20782	1	X							
P2SD-5A-01		1210			AL20783	1	X							
P2SD-5B-01		1210			AL20784	1	X							
P2SD-6A-01					AL20785	2	X							MS/MSD PCB (8oz)

AMBIENT OR CHILLED: TEMP: 5.0, 5.4
COC TAPE: Y N
PROPERLY PRESERVED: Y N
OTHER NOTES:
RECEIVED BROKEN OR LEAKING: Y N
COC DISCREPANCIES: Y N
RECVD W/I HOLDING TIMES: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	SIGNATURE A. Moore	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME Andre Santini	PRINTED NAME A. MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY CDM	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME 12/12/08 1700	DATE/TIME 12/13/08 1001	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

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CHAIN OF CUSTODY RECORD

PAGE 2 OF 8

NORTHEAST ANALYTICAL, INC.
2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # <08120163P2>
081201632

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- RETURN TO CLIENT
- DISPOSAL BY NORTHEAST ANALYTICAL
- ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO):
PROJECT MANAGER:
PHONE: See P9
SAMPLED BY: (Please Print)
SAMPLING FIRM:
PROJECT/PROJECT NAME:
PROJECT LOCATION (CITY/STATE) ADDRESS: See P9
REQUIRED TURN AROUND TIME:
NAME OF COURIER (IF USED):
Data Report: ☐ CLP* ☐ Certificates Only
ELECTRONIC RESULTS FORMAT: .PDF ☐ EXCEL (.CSV) ☐
E-MAIL ADDRESS:
FAXED RESULTS ☐
FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE:	0							
BOTTLE TYPE:	Glass							
BOTTLE SIZE:	1oz							

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCB Aroclor							REMARKS:
P2SD-6A-03	12/10/08	1215	Sediment	Grab	AL20786	1	X							
P2 SD-7A-01		1230			AL20787	1	X							
P2 SD-7B-01		1230			AL20788	1	X							
P2SD-8A-01		1240			AL20789	1	X							
P2SD-9A-01		1300			AL20790	1	X							
P2SL-10A-01		1305	Soil		AL20791	1	X							
P2SL-10B-01		1305			AL20792	1	X							
P2 SD-11A-01		1320	Sediment		AL20793	1	X							
P2 SD-11B-01		1320	Sediment		AL20794	1	X							
P2SD-12A-01		1330	Sediment		AL20795	1	X							

AMBIENT OR CHILLED: TEMP: 5.0, 5.4
RECEIVED BROKEN OR LEAKING: Y N
COC TAPE: Y N
COC DISCREPANCIES: Y N
PROPERLY PRESERVED: Y N
RECVD W/I HOLDING TIMES: Y N
OTHER NOTES:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	SIGNATURE A.MOORE	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME	PRINTED NAME A.MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY Cons	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME 12/17/08 1700	DATE/TIME 12/18/08 1009	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

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Internal Sample Tracking Record

SOLID EXTRACTION LOG

Prep Date: 12/19/2008 **Batch ID: 6982**

Initial for required Clean Up Steps

	Prep ID	NEA Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Cell Num	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														JLG	JLG	JLG				
1	70470	PBLK-28	AL20785B	Sediment		E PCB S	ASE/ASE4	64	9.740	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
2	70471	LCS-28	AL20785L	Sediment		E PCB S	ASE/ASE4	15	9.791	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
3	70450	08120163-01	AL20776	Sediment		E PCB S	ASE/ASE4	110	10.051	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
4	70451	08120163-02	AL20777	Sediment		E PCB S	ASE/ASE4	107	10.127	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
5	70452	08120163-03	AL20778	Sediment		E PCB S	ASE/ASE4	AI	10.722	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
6	70453	08120163-04	AL20779	Sediment		E PCB S	ASE/ASE4	BR	10.533	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
7	70454	08120163-05	AL20780	Soil		E PCB S	ASE/ASE4	E	10.499	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
8	70455	08120163-06	AL20781	Sediment		E PCB S	ASE/ASE4	67	10.214	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
9	70456	08120163-07	AL20782	Sediment		E PCB S	ASE/ASE4	108	10.241	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
10	70457	08120163-08	AL20783	Sediment		E PCB S	ASE/ASE4	2	10.095	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
11	70458	08120163-09	AL20784	Sediment		E PCB S	ASE/ASE4	53	10.299	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
12	70459	08120163-10	AL20785	Sediment		E PCB S	ASE/ASE4	19	10.034	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
13	70472	08120163-10MS	AL20785M	Sediment		E PCB S	ASE/ASE4	60	10.212	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
14	70473	08120163-10MSD	AL20785K	Sediment		E PCB S	ASE/ASE4	AJ	10.759	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
16	70460	08120163-11	AL20786	Sediment		E PCB S	ASE/ASE4	27	10.511	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
17	70461	08120163-12	AL20787	Sediment		E PCB S	ASE/ASE4	51	10.894	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
18	70462	08120163-13	AL20788	Sediment		E PCB S	ASE/ASE4	L	10.310	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
19	70463	08120163-14	AL20789	Sediment		E PCB S	ASE/ASE4	63	10.160	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
20	70464	08120163-15	AL20790	Sediment		E PCB S	ASE/ASE4	7	10.190	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
21	70465	08120163-16	AL20791	Soil		E PCB S	ASE/ASE4	4	10.718	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
22	70466	08120163-17	AL20792	Soil		E PCB S	ASE/ASE4	101	10.547	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
23	70467	08120163-18	AL20793	Sediment		E PCB S	ASE/ASE4	57	10.106	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
24	70468	08120163-19	AL20794	Sediment		E PCB S	ASE/ASE4	52	10.682	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	
25	70469	08120163-20	AL20795	Sediment		E PCB S	ASE/ASE4	21	10.112	NA	NA	NA	NA	12/22	12/22	12/22	NA	25	12/22	

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Main Lab)	E49039	NA	NA	☑	☑	☐	☑	☐	☑	☑
Acetone (Dewar) Current	CW981	NA		☑	☑	☐	☑	☐	☑	☑
0.5ppm TCMX / 5.0ppm DCBP in Hexane	102108B26P65A1-10	500	0.5/5.0	☑	☑	☐	☑	☐	☑	☑
10% Florisil (Main Lab)	110308MLB1P164A	NA		☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar) [CURRENT]	CY047	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	☐	☑	☐	☐	☐	☐	☐
Aroclor 1242 @ 100 PPM in Hexane	121908B26P104A	500	100	☐	☐	☐	☐	☐	☑	☑

SPIKED BY: Wayne Reid

SIGNATURE: Wayne Reid

WITNESSED BY: Craig Petrask

SIGNATURE: Craig Petrask

Print Date: 12/22/2008
Nea Lims Version : 4.4.2.0
IGSOOK_QC-SV Rev 01, 10.23.2006, EXTRACTION

PCB SOLID SCREEN SHEET

Batch ID: 6982 **Prepared by: Wayne Reid**

NEA Sample ID	Alt Sample ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Dilution Sequence	Final Multiplier
PBLK-28	AL20785B	Sediment	12/19/08	9.74	N/A	9.7400	25	NA	0.02696867	NA	25x
LCS-28	AL20785L	Sediment	12/19/08	9.791	N/A	9.7910	25	NA	0.76256941	NA	25x
08120163-05	AL20780	Soil	12/19/08	10.499	45.4	4.7665	25	250	0.02475245	NA	25x
08120163-16	AL20791	Soil	12/19/08	10.718	49.1	5.2625	25	250	1.50569071	1>10 3>9	750x
08120163-17	AL20792	Soil	12/19/08	10.547	43.0	4.5352	25	250	0.04303569	NA	25x
08120163-01	AL20776	Sediment	12/19/08	10.051	50.9	5.1160	25	250	0.04138501	NA	25x
08120163-02	AL20777	Sediment	12/19/08	10.127	43.6	4.4154	25	250	0.03682087	NA	25x
08120163-03	AL20778	Sediment	12/19/08	10.722	44.2	4.7391	25	250	0.03298368	NA	25x
08120163-04	AL20779	Sediment	12/19/08	10.533	42.8	4.5081	25	250	0.02716835	NA	25x
08120163-06	AL20781	Sediment	12/19/08	10.214	42.1	4.3001	25	250	0.02932775	NA	25x
08120163-07	AL20782	Sediment	12/19/08	10.241	64.4	6.5952	25	250	0.03691497	NA	25x
08120163-08	AL20783	Sediment	12/19/08	10.095	45.3	4.5730	25	250	1.05449175	1>10 2>4	500x
08120163-09	AL20784	Sediment	12/19/08	10.299	48.3	4.9744	25	250	0.34422256	1>7	175x
08120163-10	AL20785	Sediment	12/19/08	10.034	42.6	4.2745	25	250	0.07851938	2>4	50x
08120163-10MS	AL20785M	Sediment	12/19/08	10.212	42.6	4.3503	25	250	0.29060379	1>6	150x
08120163-10MSD	AL20785K	Sediment	12/19/08	10.759	42.6	4.5833	25	250	0.27700228	1>6	150x
08120163-11	AL20786	Sediment	12/19/08	10.511	43.0	4.5197	25	250	0.03675791	NA	25x
08120163-12	AL20787	Sediment	12/19/08	10.894	40.5	4.4121	25	250	0.02359715	NA	25x
08120163-13	AL20788	Sediment	12/19/08	10.310	37.9	3.9075	25	250	0.05633137	NA	25x
08120163-14	AL20789	Sediment	12/19/08	10.160	44.9	4.5618	25	250	0.02804986	NA	25x
08120163-15	AL20790	Sediment	12/19/08	10.190	54.1	5.5128	25	250	0.03124967	NA	25x
08120163-18	AL20793	Sediment	12/19/08	10.106	44.5	4.4972	25	250	1.52146429	1>10 3>9	750x
08120163-19	AL20794	Sediment	12/19/08	10.682	42.7	4.5612	25	250	1.72846172	1>10 3>9	750x
08120163-20	AL20795	Sediment	12/19/08	10.112	55.6	5.6223	25	250	1.35995776	1>10 3>9	750x

Solvent, Surrogate, Spike, and Acid Information B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Main Lab)	E49039	NA	NA	☑	☑	☐	☑	☐	☑	☑
Acetone (Dewar) Current	CW981	NA		☑	☑	☐	☑	☐	☑	☑
0.5ppm TCMX / 5.0ppm DCBP in Hexane	102108B26P65A1-10	500	0.5/5.0	☑	☑	☐	☑	☐	☑	☑
10% Florisil (Main Lab)	110308MLB1P164A	NA		☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar) [CURRENT]	CY047	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	☐	☑	☐	☐	☐	☐	☐
Aroclor 1242 @ 100 PPM in Hexane	121908B26P104A	500	100	☐	☐	☐	☐	☐	☑	☑

COMMENTS: _____

Print Date: 12/23/2008
Nea Lims Version : 4.4.2.0

Surrogate % Recovery Summary

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: Northeast Analytical, Inc. SDG: 08120163

ELAP ID No: 11078

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

GC Column (2): NA

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC	#	SURR 2 (Col 1) % REC	#	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-28	AL20785B	GC18F-770-15	97.0		101				0
LCS-28	AL20785L	GC18F-770-16	101		110				0
08120163-01	AL20776	GC18F-770-17	85.8		91.4				0
08120163-02	AL20777	GC18F-770-18	87.5		92.2				0
08120163-03	AL20778	GC18F-770-19	93.5		101				0
08120163-04	AL20779	GC18F-770-20	81.5		87.6				0
08120163-05	AL20780	GC18F-770-21	81.6		86.2				0
08120163-06	AL20781	GC18F-770-22	76.5		46.7	*			1
08120163-07	AL20782	GC18F-770-23	94.8		100				0
08120163-08	AL20783	GC18F-770-25	93.3	D	71.5	D			0
08120163-09	AL20784	GC18F-770-26	79.9	D	86.4	D			0
08120163-10	AL20785	GC18F-770-27	87.1		93.4				0
08120163-11	AL20786	GC18F-770-30	73.7		83.4				0
08120163-12	AL20787	GC18F-770-31	82.6		92.8				0
08120163-13	AL20788	GC18F-770-32	81.5		78.8				0
08120163-14	AL20789	GC18F-770-33	91.3		60.0				0
08120163-15	AL20790	GC18F-770-35	90.0		96.0				0
08120163-16	AL20791	GC18F-770-36	94.0	D	26.6	D			0
08120163-17	AL20792	GC18F-770-37	91.0		97.6				0
08120163-18	AL20793	GC18F-770-38	11.4	D	0	D			0
08120163-19	AL20794	GC18F-770-39	98.6	D	45.8	D			0
08120163-20	AL20795	GC18F-770-40	104	D	52.4	D			0
08120163-10MS	AL20785M	GC18F-770-28	73.1	D	77.8	D			0
08120163-10MSD	AL20785K	GC18F-770-29	70.6	D	71.5	D			0

Column to be used to flag recovery values

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60-140)
SURR2 = DECACHLOROBIPHENYL	(60-140)

Form II-CLP-PCB(NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Matrix Spike/Matrix Spike Duplicate Summary

3F-1
MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078 SDG No: 08120163

MS LRF ID: 08120163-10MS MSD LRF ID: 08120163-10MSD Sample LRF ID: 08120163-10

MS Lab File ID: GC18F-770-28 MSD Lab File ID: GC18F-770-29 Sample File ID: GC18F-770-27

MS Sample Inj Date: 12/24/2008 02:11:45 MSD Sample Inj Date: 12/24/2008 02:44:15 Sample Inj Date: 12/24/2008 01:39:16

MS Lab Sample ID: AL20785M MSD Lab Sample ID: AL20785K Sample ID: AL20785

COMPOUND	SPIKE ADDED (ug/g)	SAMPLE CONCENTRATION (ug/g)	MS CONCENTRATION (ug/g)	MS PERCENT RECOVERY #	QC LIMITS [1] PERCENT RECOVERY
Aroclor 1242	11.5	0	9.44	82.1	(70.0-130)

COMPOUND	SPIKE ADDED (ug/g)	MSD CONCENTRATION (ug/g)	MSD PERCENT RECOVERY #	RPD #	QC LIMITS [1] RPD	REC
Aroclor 1242	10.9	9.28	85.0	3.47	20	(70.0-130)

Column to be used to flag recovery values

* Values outside of QC limits

[1] QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 2 outside limits.

RPD: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP

Nea Lims Version : 4.4.2.2

Laboratory Control Spike Summary

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078

SDG No: 08120163

LCS ID: LCS-28

Blank Sample ID: PBLK-28

LCS File ID: GC18F-770-16

Method Blank File ID: GC18F-770-15

LCS Inj Date: 12/23/2008 19:41:55

Method Blank Inj Date: 12/23/2008 19:09:27

LCS NEA ID No: AL20785L

Method Blank NEA ID No: AL20785B

COMPOUND	SPIKE ADDED (ug/g)	LCS CONCENTRATION (ug/g)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	1.28	1.28	100	70.0-130

Column to be used to flag recovery values

[1]QC Limits based upon laboratory defaults.

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 4.4.2.2

Method Blank Summary

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	Blank Sample ID:	PBLK-28
Matrix:	SODIUM SULFATE	Method Blank Nea ID No:	AL20785B
Instrument ID:	GC18F	Lab File ID:	GC18F-770-15
Extraction Type:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
GC Column (1):	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	Date Analyzed:	12/23/2008
		Time Analyzed:	19:09:27

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LAB CONTROL SPIKE	AL20785L	GC18F-770-16	12/23/2008 19:41:55
P2SD-1A-01	AL20776	GC18F-770-17	12/23/2008 20:14:24
P2SD-1B-01	AL20777	GC18F-770-18	12/23/2008 20:46:53
P2SD-2A-01	AL20778	GC18F-770-19	12/23/2008 21:19:23
P2SD-2B-01	AL20779	GC18F-770-20	12/23/2008 21:51:52
P2SL-3A-01	AL20780	GC18F-770-21	12/23/2008 22:24:21
P2SD-4A-01	AL20781	GC18F-770-22	12/23/2008 22:56:51
P2SD-4B-01	AL20782	GC18F-770-23	12/23/2008 23:29:20
P2SD-5A-01	AL20783	GC18F-770-25	12/24/2008 00:34:18
P2SD-5B-01	AL20784	GC18F-770-26	12/24/2008 01:06:47
P2SD-6A-01	AL20785	GC18F-770-27	12/24/2008 01:39:16
P2SD-6A-01 MS	AL20785M	GC18F-770-28	12/24/2008 02:11:45
P2SD-6A-01 MSD	AL20785K	GC18F-770-29	12/24/2008 02:44:15
P2SD-6A-03	AL20786	GC18F-770-30	12/24/2008 03:16:44
P2SD-7A-01	AL20787	GC18F-770-31	12/24/2008 03:49:13
P2SD-7B-01	AL20788	GC18F-770-32	12/24/2008 04:21:41
P2SD-8A-01	AL20789	GC18F-770-33	12/24/2008 04:54:08
P2SD-9A-01	AL20790	GC18F-770-35	12/24/2008 05:59:06
P2SL-10A-01	AL20791	GC18F-770-36	12/24/2008 06:31:35
P2SL-10B-01	AL20792	GC18F-770-37	12/24/2008 07:04:04
P2SD-11A-01	AL20793	GC18F-770-38	12/24/2008 07:36:33
P2SD-11B-01	AL20794	GC18F-770-39	12/24/2008 08:09:02
P2SD-12A-01	AL20795	GC18F-770-40	12/24/2008 08:41:31

FORM IV-CLP-PCB(NEA)

Print date: 01/07/2009
Nea Lims Version : 4.4.2.2

Sample Analysis Data

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-01
Matrix:	Sediment	Client ID:	P2SD-1A-01
Sample wt(Dry)/vol:	5.1160 g	Lab Sample ID:	AL20776
Percent Moisture:	49.1	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-17

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0977	U
1	11104-28-2	Aroclor 1221	0.0977	U
1	11141-16-5	Aroclor 1232	0.0977	U
1	53469-21-9	Aroclor 1242	0.0977	U
1	12672-29-6	Aroclor 1248	0.0977	U
1	11097-69-1	Aroclor 1254	0.0977	U
1	11096-82-5	Aroclor 1260	0.0977	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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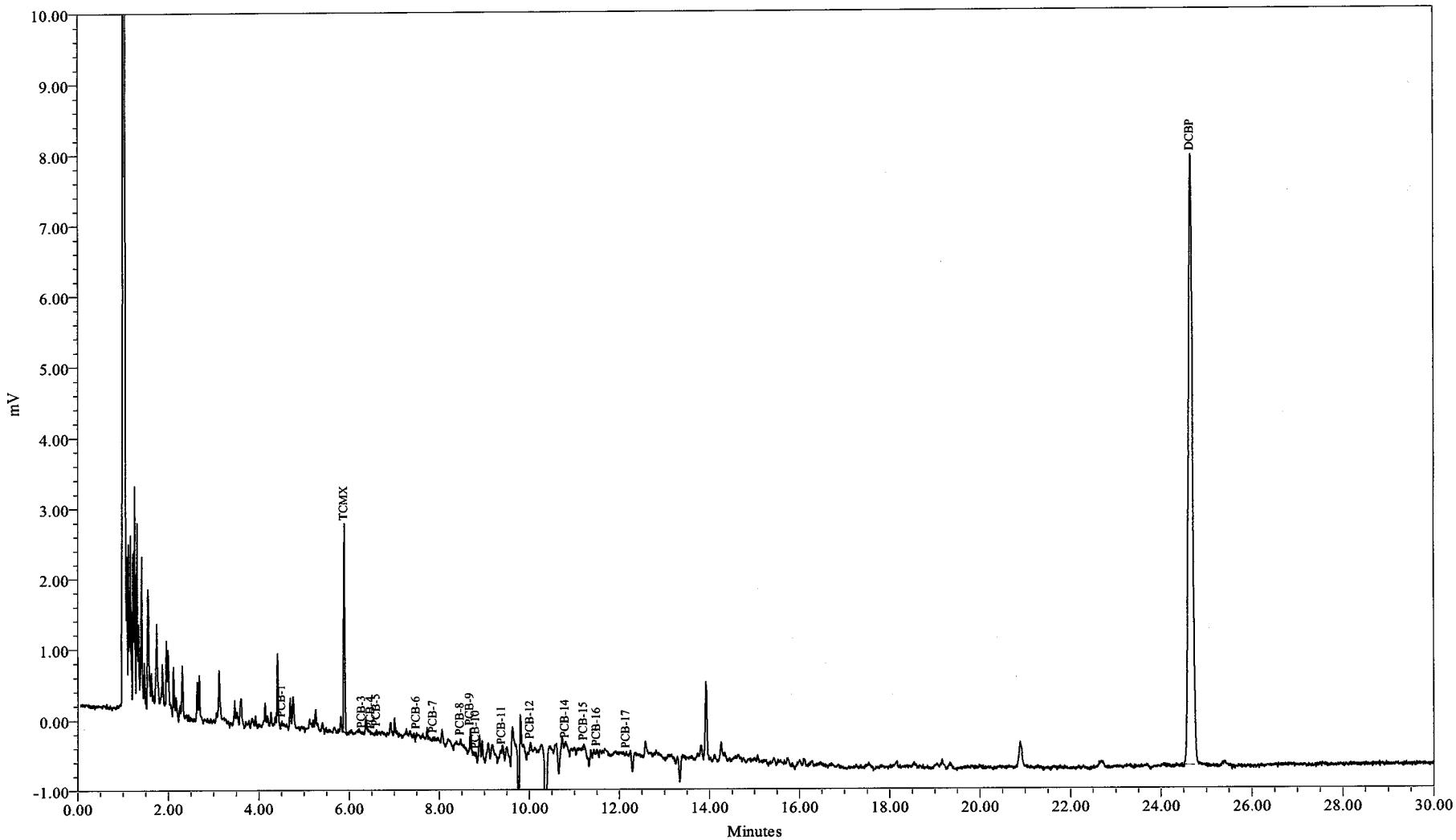

Sample Name:	AL20776	Sample Amount (g) :	5.1160
Sample ID:	P2SD-1A-01	Dilution:	25
Date Acquired:	12/23/2008 20:14:24 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-17

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Sample Name:	AL20776	Sample Amount (g) :	5.1160
Sample ID:	P2SD-1A-01	Dilution:	25
Date Acquired:	12/23/2008 8:14:24 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:13:22 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:22 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-17

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	60			
2	TCMX	5.89	bb	4780	8.575	85.8	
3	PCB-3	6.28	bb	36			
4	PCB-4	6.48	bb	15			
5	PCB-5	6.61	bb	80			
6	PCB-6	7.49	bb	37			
7	PCB-7	7.87	bb	60			
8	PCB-8	8.47	bb	46			
9	PCB-9	8.69	bv	330			
10	PCB-10	8.81	bb	115			
11	PCB-11	9.39	bv	90			
12	PCB-12	10.02	bb	231			
13	PCB-14	10.80	bb	84			
14	PCB-15	11.21	bb	167			
15	PCB-16	11.50	bb	96			
16	PCB-17	12.15	bb	26			
17	DCBP	24.66	bb	54871	91.401		91.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	588	3.810	0.01862	0.0977	NR	
2	A1221	190	6.109	0.02985	0.0977	NR	
3	A1221-2	190	5.716	0.02793	0.0977	NR	
4	A1221-5	110	7.464	0.03648	0.0977	NR	
5	A1232	631	13.786	0.06737	0.0977	NR	
6	A1232-8/9	255	14.199	0.06939	0.0977	NR	
7	A1242	588	3.346	0.01635	0.0977	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
8	A1248	573	5.043	0.02464	0.0977	NR	
9	A1248-11/15	316	3.636	0.01777	0.0977	NR	
10	A1248-14/15	322	4.012	0.01960	0.0977	NR	
11	A1254	122			0.0977	NR	
12	A1254-17/18	96			0.0977	NR	
13	A1254-19/20	122	0.590	0.00288	0.0977	NR	
14	A1254-20	122	1.172	0.00573	0.0977	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-02
Matrix:	Sediment	Client ID:	P2SD-1B-01
Sample wt(Dry)/vol:	4.4154 g	Lab Sample ID:	AL20777
Percent Moisture:	56.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-18

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.113	U
1	11104-28-2	Aroclor 1221	0.113	U
1	11141-16-5	Aroclor 1232	0.113	U
1	53469-21-9	Aroclor 1242	0.113	U
1	12672-29-6	Aroclor 1248	0.113	U
1	11097-69-1	Aroclor 1254	0.113	U
1	11096-82-5	Aroclor 1260	0.113	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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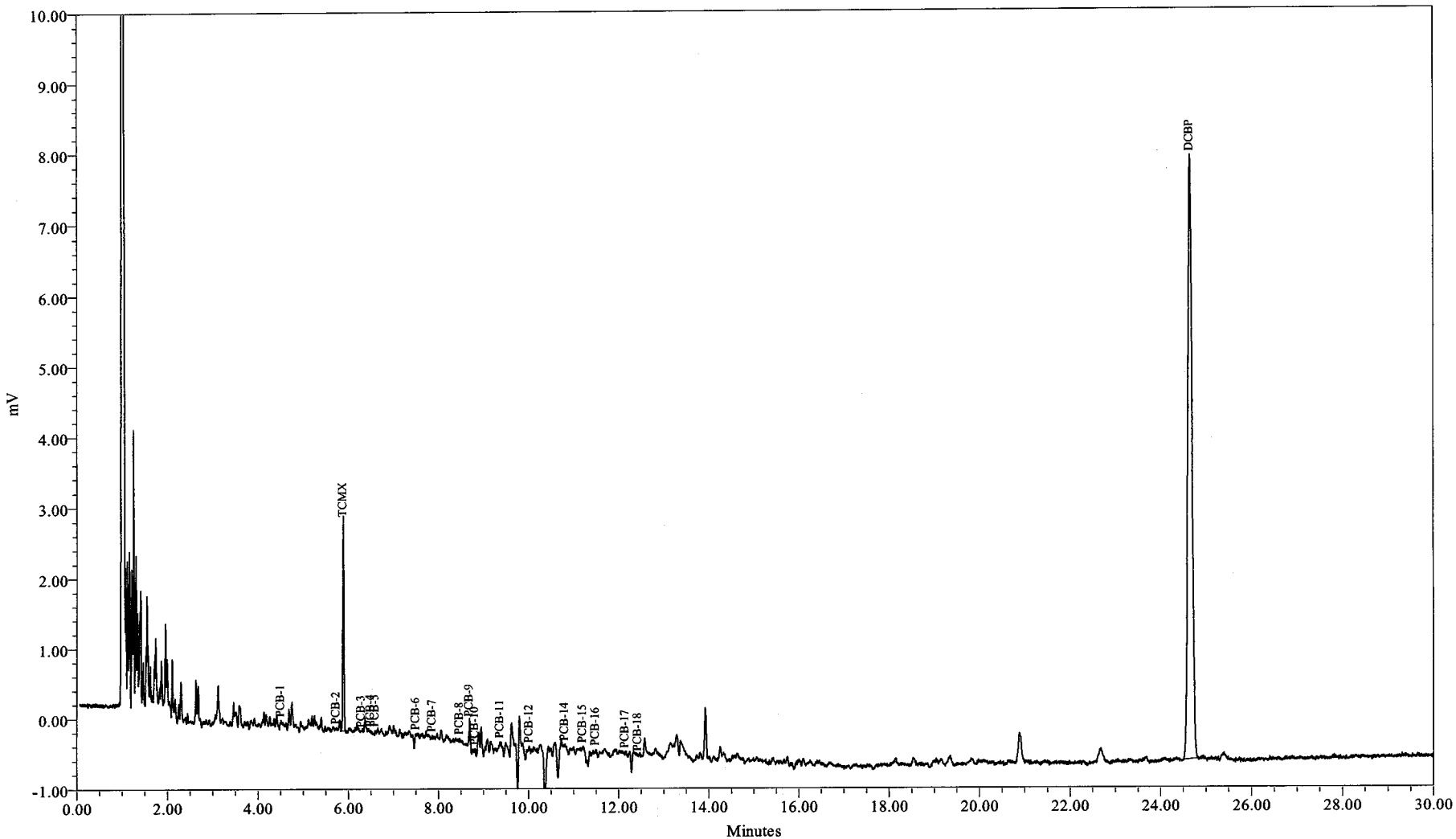

Sample Name:	AL20777	Sample Amount (g) :	4.4150
Sample ID:	P2SD-1B-01	Dilution:	25
Date Acquired:	12/23/2008 20:46:53 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-18

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Sample Name:	AL20777	Sample Amount (g) :	4.4150
Sample ID:	P2SD-1B-01	Dilution:	25
Date Acquired:	12/23/2008 8:46:53 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:18:06 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:29 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-18

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	24			
2	PCB-2	5.73	bb	18			
3	TCMX	5.89	bb	4878	8.755	87.5	
4	PCB-3	6.29	bb	3			
5	PCB-4	6.49	bb	4			
6	PCB-5	6.60	bb	45			
7	PCB-6	7.50	bb	6			
8	PCB-7	7.86	bb	40			
9	PCB-8	8.47	bb	62			
10	PCB-9	8.69	bv	181			
11	PCB-10	8.81	bb	64			
12	PCB-11	9.37	bb	86			
13	PCB-12	10.02	bb	93			
14	PCB-14	10.81	bb	39			
15	PCB-15	11.21	bb	36			
16	PCB-16	11.49	bb	77			
17	PCB-17	12.14	bb	68			
18	PCB-18	12.43	bb	28			
19	DCBP	24.66	bb	55345	92.214		92.2

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	352	1.439	0.00815	0.113	NR	
2	A1221	94	2.436	0.01380	0.113	NR	
3	A1221-2	77	1.086	0.00615	0.113	NR	
4	A1221-5	49	2.804	0.01588	0.113	NR	
5	A1232	391	9.011	0.05102	0.113	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
6	A1232-8/9	149	9.573	0.05421	0.113	NR	
7	A1242	352	0.560	0.00317	0.113	NR	
8	A1248	254	1.417	0.00802	0.113	NR	
9	A1248-11/15	132	0.412	0.00234	0.113	NR	
10	A1248-14/15	179	0.541	0.00306	0.113	NR	
11	A1254	173			0.113	NR	
12	A1254-17/18	77			0.113	NR	
13	A1254-19/20	173	1.250	0.00708	0.113	NR	
14	A1254-20	173	1.667	0.00944	0.113	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-03
Matrix:	Sediment	Client ID:	P2SD-2A-01
Sample wt(Dry)/vol:	4.7391 g	Lab Sample ID:	AL20778
Percent Moisture:	55.8	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-19

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.106	U
1	11104-28-2	Aroclor 1221	0.106	U
1	11141-16-5	Aroclor 1232	0.106	U
1	53469-21-9	Aroclor 1242	0.106	U
1	12672-29-6	Aroclor 1248	0.106	U
1	11097-69-1	Aroclor 1254	0.106	U
1	11096-82-5	Aroclor 1260	0.106	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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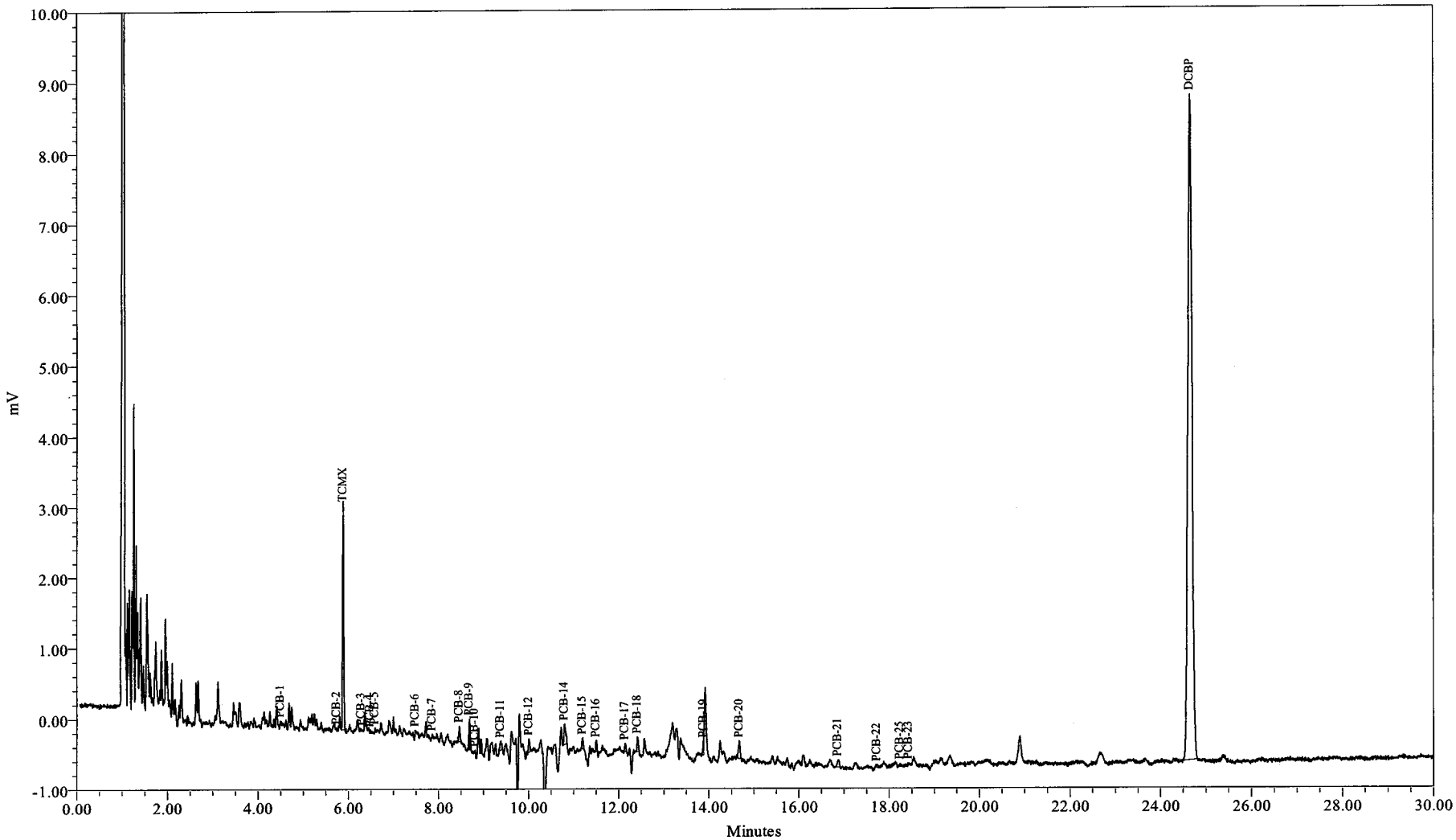

Sample Name:	AL20778	Sample Amount (g) :	4.7390
Sample ID:	P2SD-2A-01	Dilution:	25
Date Acquired:	12/23/2008 21:19:23 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-19

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Sample Name:	AL20778	Sample Amount (g) :	4.7390
Sample ID:	P2SD-2A-01	Dilution:	25
Date Acquired:	12/23/2008 9:19:23 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:20:27 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:30 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-19

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	18			
2	PCB-2	5.74	bb	44			
3	TCMX	5.89	bb	5203	9.347	93.5	
4	PCB-3	6.29	bb	9			
5	PCB-4	6.48	bb	30			
6	PCB-5	6.59	bb	34			
7	PCB-6	7.49	bb	57			
8	PCB-7	7.86	bb	59			
9	PCB-8	8.47	vv	369			
10	PCB-9	8.69	vv	353			
11	PCB-10	8.81	bb	32			
12	PCB-11	9.38	bb	344			
13	PCB-12	10.01	bb	432			
14	PCB-14	10.80	bb	767			
15	PCB-15	11.20	bb	332			
16	PCB-16	11.50	bb	312			
17	PCB-17	12.14	bb	205			
18	PCB-18	12.42	bb	411			
19	PCB-19	13.88	bv	174			
20	PCB-20	14.68	vb	656			
21	PCB-21	16.87	bb	278			
22	PCB-22	17.73	bb	103			
23	PCB-25	18.24	bb	76			
24	PCB-23	18.43	bb	39			
25	DCBP	24.66	bb	60343	100.790		101

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	870	6.641	0.03503	0.106	NR	
2	A1221	135	3.992	0.02106	0.106	NR	
3	A1221-2	91	1.663	0.00878	0.106	NR	
4	A1221-5	101	6.746	0.03559	0.106	NR	
5	A1232	847	18.095	0.09546	0.106	NR	
6	A1232-8/9	125	8.526	0.04498	0.106	NR	
7	A1242	870	6.673	0.03520	0.106	NR	
8	A1248	1876	19.840	0.10466	0.106	NR	
9	A1248-11/15	1199	19.147	0.10101	0.106	NR	
10	A1248-14/15	777	15.104	0.07968	0.106	NR	
11	A1254	1758	11.385	0.06006	0.106	NR	
12	A1254-17/18	1142	12.029	0.06346	0.106	NR	
13	A1254-19/20	928	11.007	0.05807	0.106	NR	
14	A1254-20	1102	10.665	0.05626	0.106	NR	
15	A1260	1076	4.467	0.02356	0.106	NR	
16	A1260-20	420	3.835	0.02023	0.106	NR	
17	A1260-23/24	1037	4.010	0.02115	0.106	NR	
18	A1262	1076				NR	
19	A1268	115				NR	
20	A1268-23/24	76				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-04
Matrix:	Sediment	Client ID:	P2SD-2B-01
Sample wt(Dry)/vol:	4.5081 g	Lab Sample ID:	AL20779
Percent Moisture:	57.2	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-20

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.111	U
1	11104-28-2	Aroclor 1221	0.111	U
1	11141-16-5	Aroclor 1232	0.111	U
1	53469-21-9	Aroclor 1242	0.111	U
1	12672-29-6	Aroclor 1248	0.111	U
1	11097-69-1	Aroclor 1254	0.111	U
1	11096-82-5	Aroclor 1260	0.111	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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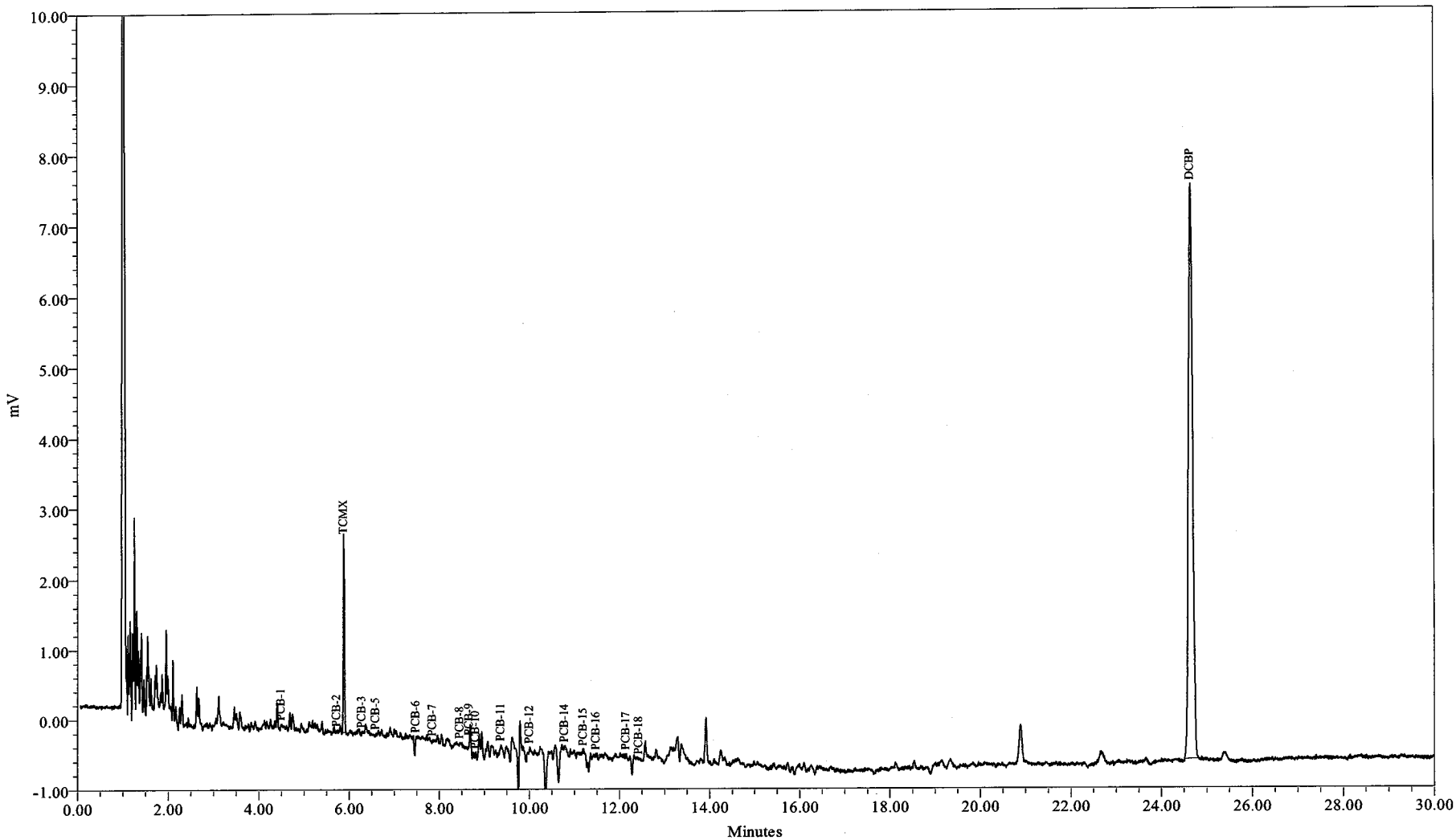

Sample Name:	AL20779	Sample Amount (g) :	4.5080
Sample ID:	P2SD-2B-01	Dilution:	25
Date Acquired:	12/23/2008 21:51:52 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-20

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Sample Name:	AL20779	Sample Amount (g) :	4.5080
Sample ID:	P2SD-2B-01	Dilution:	25
Date Acquired:	12/23/2008 9:51:52 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:22:14 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:32 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-20

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	15			
2	PCB-2	5.73	bb	16			
3	TCMX	5.88	bb	4544	8.147	81.5	
4	PCB-3	6.29	bb	23			
5	PCB-5	6.60	bb	35			
6	PCB-6	7.49	bb	26			
7	PCB-7	7.86	bb	16			
8	PCB-8	8.46	bb	26			
9	PCB-9	8.67	bv	42			
10	PCB-10	8.81	bb	104			
11	PCB-11	9.37	bb	75			
12	PCB-12	10.01	bb	87			
13	PCB-14	10.78	bb	94			
14	PCB-15	11.20	bb	125			
15	PCB-16	11.49	bb	126			
16	PCB-17	12.15	bb	78			
17	PCB-18	12.43	bb	22			
18	DCBP	24.66	bb	52652	87.593		87.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	214	0.055	0.00030	0.111	NR	
2	A1221	88	2.191	0.01215	0.111	NR	
3	A1221-2	73	0.911	0.00505	0.111	NR	
4	A1221-5	53	3.139	0.01741	0.111	NR	
5	A1232	223	5.658	0.03138	0.111	NR	
6	A1232-8/9	155	9.833	0.05453	0.111	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
7	A1242	214			0.111	NR	
8	A1248	382	2.878	0.01596	0.111	NR	
9	A1248-11/15	182	1.284	0.00712	0.111	NR	
10	A1248-14/15	163	0.140	0.00077	0.111	NR	
11	A1254	227	0.280	0.00155	0.111	NR	
12	A1254-17/18	126			0.111	NR	
13	A1254-19/20	227	1.943	0.01077	0.111	NR	
14	A1254-20	227	2.186	0.01212	0.111	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-05
Matrix:	Soil	Client ID:	P2SL-3A-01
Sample wt(Dry)/vol:	4.7665 g	Lab Sample ID:	AL20780
Percent Moisture:	54.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-21

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.105	U
1	11104-28-2	Aroclor 1221	0.105	U
1	11141-16-5	Aroclor 1232	0.105	U
1	53469-21-9	Aroclor 1242	0.105	U
1	12672-29-6	Aroclor 1248	0.105	U
1	11097-69-1	Aroclor 1254	0.105	U
1	11096-82-5	Aroclor 1260	0.105	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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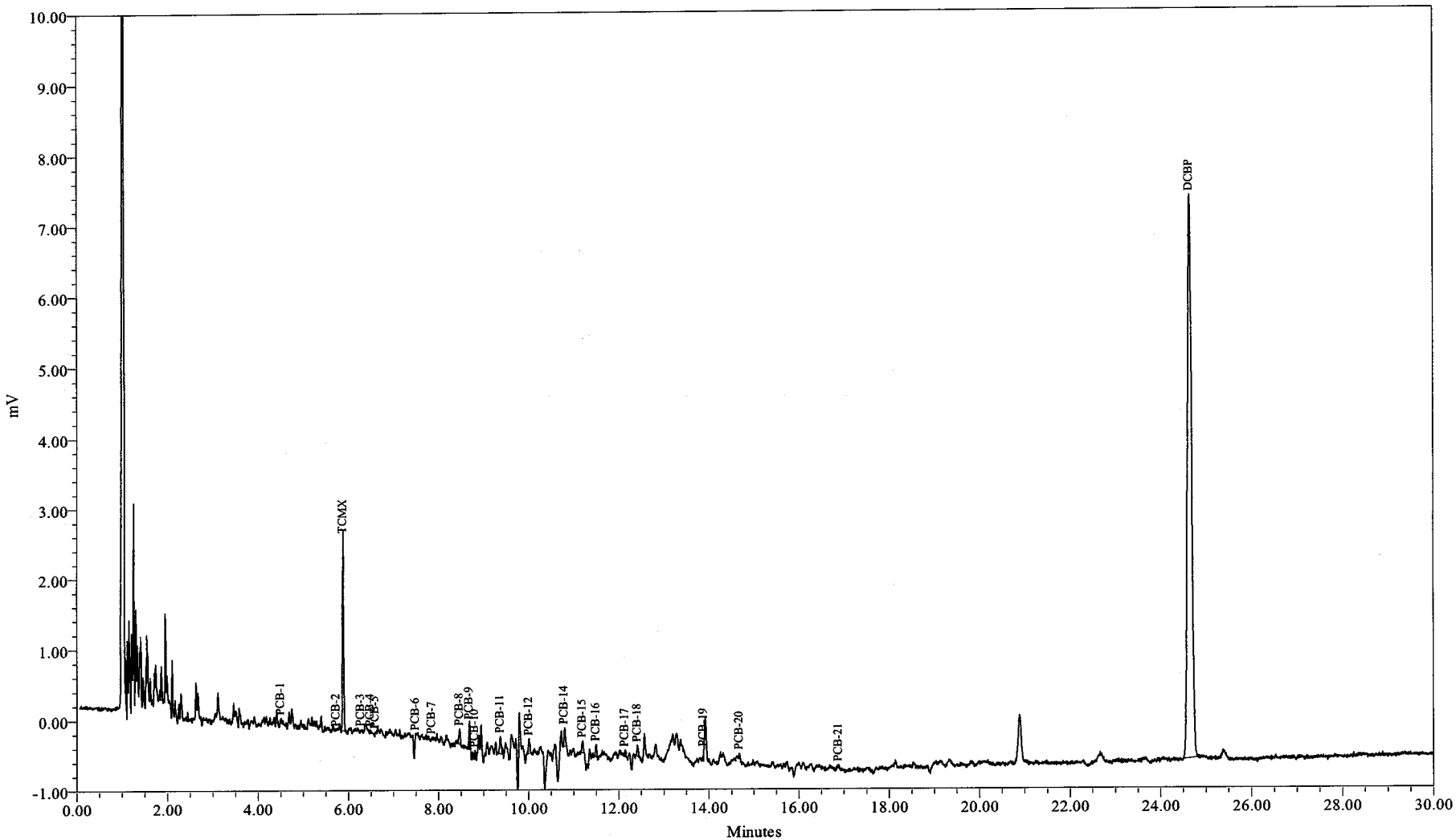

Sample Name:	AL20780	Sample Amount (g) :	4.7670
Sample ID:	P2SL-3A-01	Dilution:	25
Date Acquired:	12/23/2008 22:24:21 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-21

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Sample Name:	AL20780	Sample Amount (g) :	4.7670
Sample ID:	P2SL-3A-01	Dilution:	25
Date Acquired:	12/23/2008 10:24:21 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:25:56 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:34 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-21

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	60			
2	PCB-2	5.73	bb	3			
3	TCMX	5.89	bb	4553	8.163	81.6	
4	PCB-3	6.28	bb	25			
5	PCB-4	6.49	bb	29			
6	PCB-5	6.60	bb	22			
7	PCB-6	7.49	bb	11			
8	PCB-7	7.85	bb	40			
9	PCB-8	8.47	vb	383			
10	PCB-9	8.69	vv	348			
11	PCB-10	8.81	bb	201			
12	PCB-11	9.37	bv	553			
13	PCB-12	10.01	bb	491			
14	PCB-14	10.80	bb	497			
15	PCB-15	11.20	bb	373			
16	PCB-16	11.50	bb	357			
17	PCB-17	12.14	bb	166			
18	PCB-18	12.42	bb	312			
19	PCB-19	13.89	vv	110			
20	PCB-20	14.68	bb	127			
21	PCB-21	16.89	bb	89			
22	DCBP	24.65	bb	51833	86.189		86.2

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1254-19/20	835	9.796	0.05137	0.105	NR	
2	A1254-20	945	9.140	0.04793	0.105	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1260	216	0.023	0.00012	0.105	NR	
4	A1260-20	89	1.562	0.00819	0.105	NR	
5	A1260-23/24	216			0.105	NR	
6	A1262	216				NR	
7	A1016	983	7.779	0.04079	0.105	NR	
8	A1221	139	4.143	0.02173	0.105	NR	
9	A1221-2	136	3.509	0.01840	0.105	NR	
10	A1221-5	117	7.972	0.04181	0.105	NR	
11	A1232	994	21.036	0.11032	0.105	NR	
12	A1232-8/9	263	14.546	0.07628	0.105	NR	
13	A1242	983	8.009	0.04200	0.105	NR	
14	A1248	1915	20.284	0.10637	0.105	NR	
15	A1248-11/15	988	15.433	0.08094	0.105	NR	
16	A1248-14/15	1045	21.631	0.11344	0.105	NR	
17	A1254	1071	6.406	0.03359	0.105	NR	
18	A1254-17/18	594	5.479	0.02873	0.105	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-06
Matrix:	Sediment	Client ID:	P2SD-4A-01
Sample wt(Dry)/vol:	4.3001 g	Lab Sample ID:	AL20781
Percent Moisture:	57.9	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-22

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.116	U
1	11104-28-2	Aroclor 1221	0.116	U
1	11141-16-5	Aroclor 1232	0.116	U
1	53469-21-9	Aroclor 1242	0.116	U
1	12672-29-6	Aroclor 1248	0.116	U
1	11097-69-1	Aroclor 1254	0.116	U
1	11096-82-5	Aroclor 1260	0.116	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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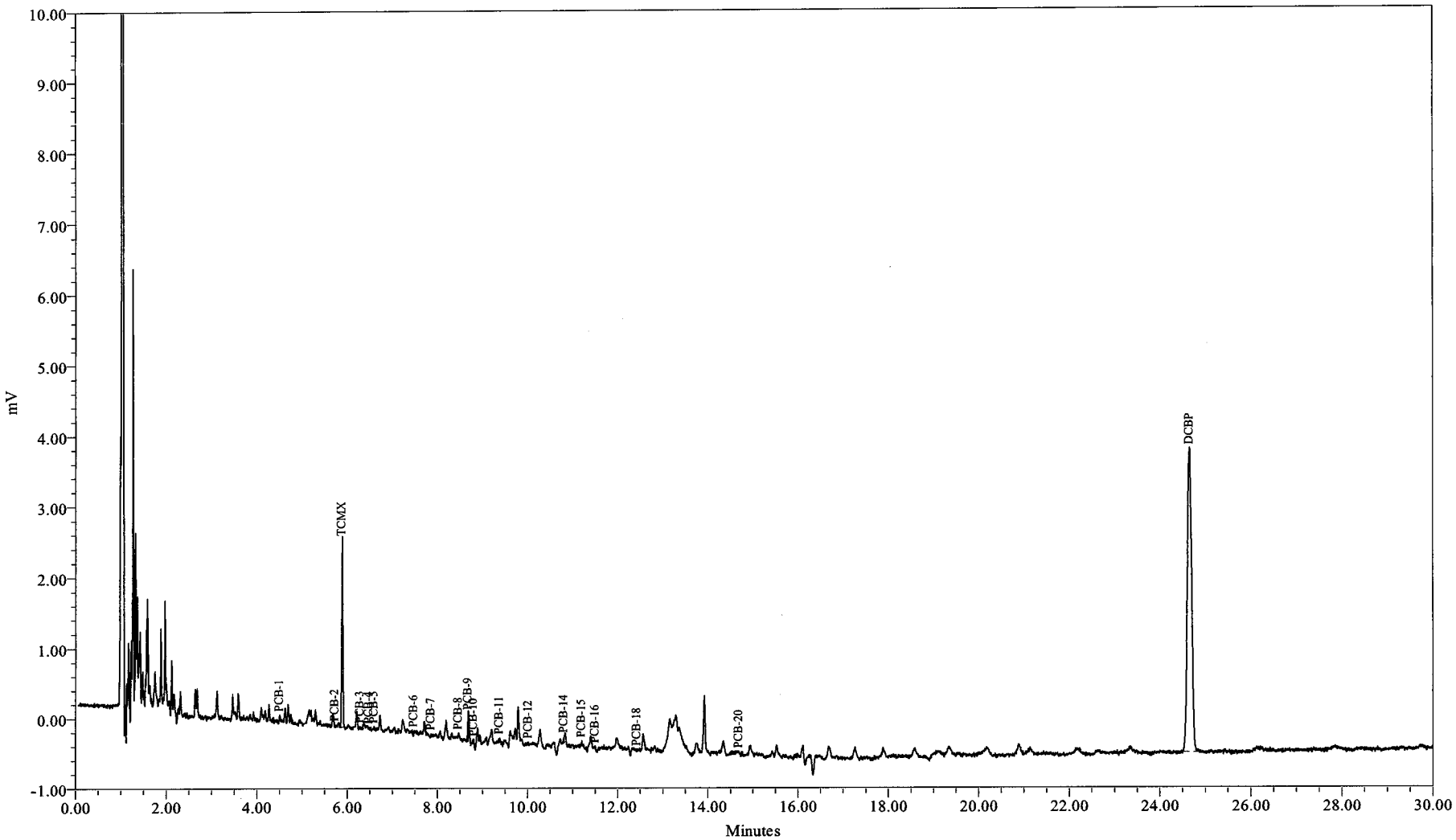

Sample Name:	AL20781	Sample Amount (g) :	4.3000
Sample ID:	P2SD-4A-01	Dilution:	25
Date Acquired:	12/23/2008 22:56:51 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-22

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Sample Name:	AL20781	Sample Amount (g) :	4.3000
Sample ID:	P2SD-4A-01	Dilution:	25
Date Acquired:	12/23/2008 10:56:51 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:27:29 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:35 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-22

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	114			
2	PCB-2	5.73	bb	14			
3	TCMX	5.89	bb	4273	7.653	76.5	
4	PCB-3	6.29	bb	16			
5	PCB-4	6.48	bb	27			
6	PCB-5	6.60	bb	46			
7	PCB-6	7.48	bb	59			
8	PCB-7	7.86	bb	42			
9	PCB-8	8.47	bb	61			
10	PCB-9	8.69	vv	252			
11	PCB-10	8.81	vb	48			
12	PCB-11	9.38	bb	110			
13	PCB-12	10.02	bb	65			
14	PCB-14	10.81	bv	98			
15	PCB-15	11.20	bb	66			
16	PCB-16	11.50	bb	80			
17	PCB-18	12.43	bb	35			
18	PCB-20	14.69	bb	44			
19	DCBP	24.66	bb	28793	46.652		46.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	463	2.548	0.01481	0.116	NR	
2	A1221	217	7.172	0.04170	0.116	NR	
3	A1221-2	203	6.260	0.03640	0.116	NR	
4	A1221-5	171	12.097	0.07033	0.116	NR	
5	A1232	450	10.175	0.05916	0.116	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
6	A1232-8/9	137	9.043	0.05257	0.116	NR	
7	A1242	463	1.863	0.01083	0.116	NR	
8	A1248	339	2.383	0.01385	0.116	NR	
9	A1248-11/15	163	0.960	0.00558	0.116	NR	
10	A1248-14/15	175	0.439	0.00255	0.116	NR	
11	A1254	159			0.116	NR	
12	A1254-17/18	124			0.116	NR	
13	A1254-19/20	115	0.499	0.00290	0.116	NR	
14	A1254-20	115	1.104	0.00642	0.116	NR	
15	A1260	44			0.116	NR	
16	A1260-23/24	44			0.116	NR	
17	A1262	44				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-07
Matrix:	Sediment	Client ID:	P2SD-4B-01
Sample wt(Dry)/vol:	6.5952 g	Lab Sample ID:	AL20782
Percent Moisture:	35.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-23

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0758	U
1	11104-28-2	Aroclor 1221	0.0758	U
1	11141-16-5	Aroclor 1232	0.0758	U
1	53469-21-9	Aroclor 1242	0.0758	U
1	12672-29-6	Aroclor 1248	0.0758	U
1	11097-69-1	Aroclor 1254	0.0758	U
1	11096-82-5	Aroclor 1260	0.0758	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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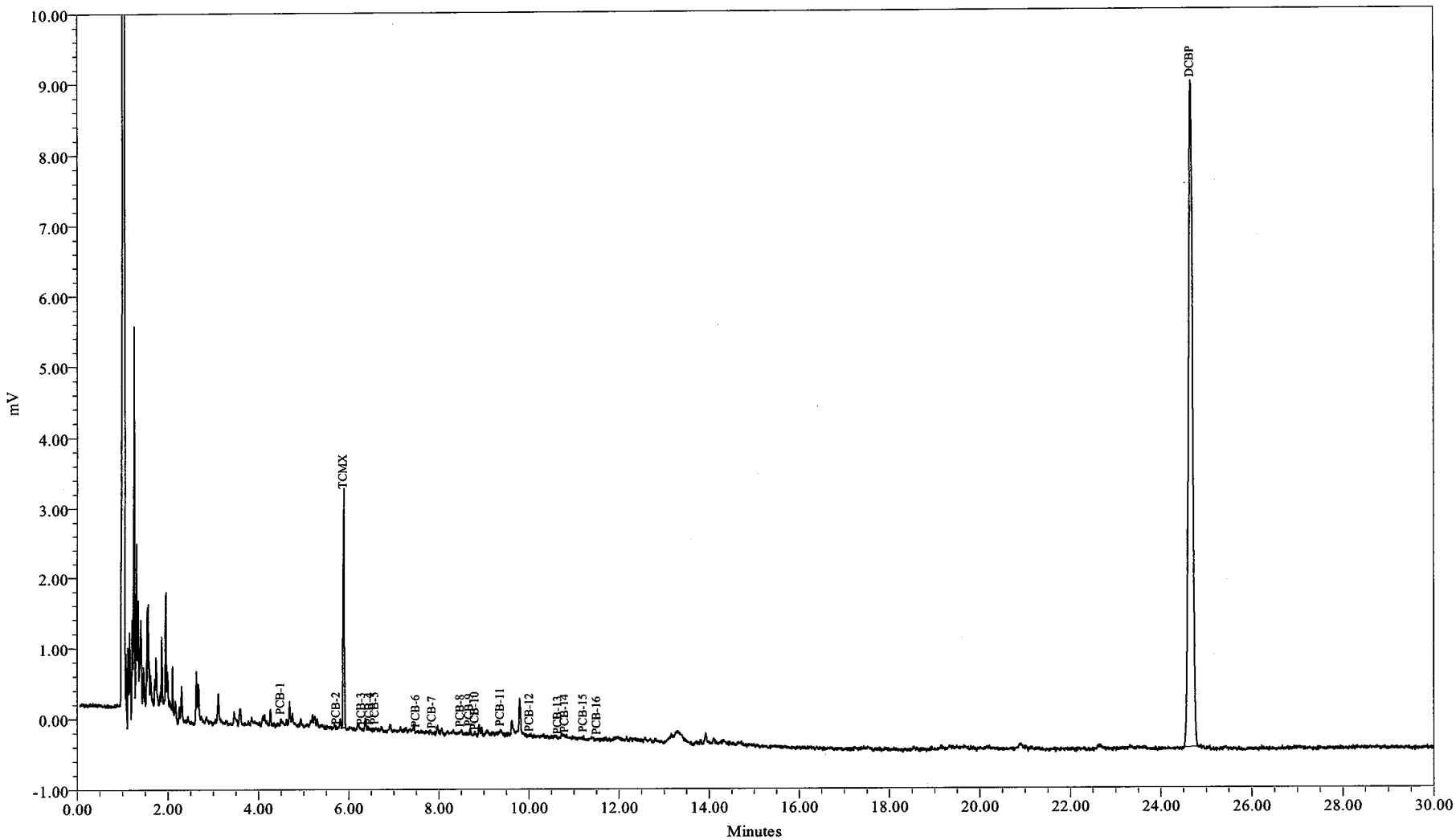

Sample Name:	AL20782	Sample Amount (g) :	6.5950
Sample ID:	P2SD-4B-01	Dilution:	25
Date Acquired:	12/23/2008 23:29:20 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-23

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Sample Name:	AL20782	Sample Amount (g) :	6.5950
Sample ID:	P2SD-4B-01	Dilution:	25
Date Acquired:	12/23/2008 11:29:20 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:29:03 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:37 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-23

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	89			
2	PCB-2	5.73	bb	15			
3	TCMX	5.89	bb	5276	9.479	94.8	
4	PCB-3	6.29	bb	11			
5	PCB-4	6.47	bb	6			
6	PCB-5	6.59	bb	29			
7	PCB-6	7.50	bb	21			
8	PCB-7	7.86	bb	11			
9	PCB-8	8.49	bb	17			
10	PCB-9	8.69	bv	35			
11	PCB-10	8.82	vb	13			
12	PCB-11	9.37	bb	37			
13	PCB-12	10.02	bb	13			
14	PCB-13	10.65	bb	8			
15	PCB-14	10.81	bb	5			
16	PCB-15	11.21	bb	32			
17	PCB-16	11.52	bb	26			
18	DCBP	24.66	bb	60128	100.422		100

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	97			0.0758	NR	
2	A1221	150	4.576	0.01735	0.0758	NR	
3	A1221-2	135	3.464	0.01313	0.0758	NR	
4	A1221-5	121	8.271	0.03135	0.0758	NR	
5	A1232	105	3.293	0.01248	0.0758	NR	
6	A1232-8/9	53	5.369	0.02035	0.0758	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
7	A1242	97			0.0758	NR	
8	A1248	95			0.0758	NR	
9	A1248-11/15	26			0.0758	NR	
10	A1248-14/15	58			0.0758	NR	
11	A1254	26			0.0758	NR	
12	A1254-17/18	26			0.0758	NR	
13	A1254-19/20	26			0.0758	NR	
14	A1254-20	26	0.239	0.00091	0.0758	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-08
Matrix:	Sediment	Client ID:	P2SD-5A-01
Sample wt(Dry)/vol:	4.5730 g	Lab Sample ID:	AL20783
Percent Moisture:	54.7	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	20
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-25

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

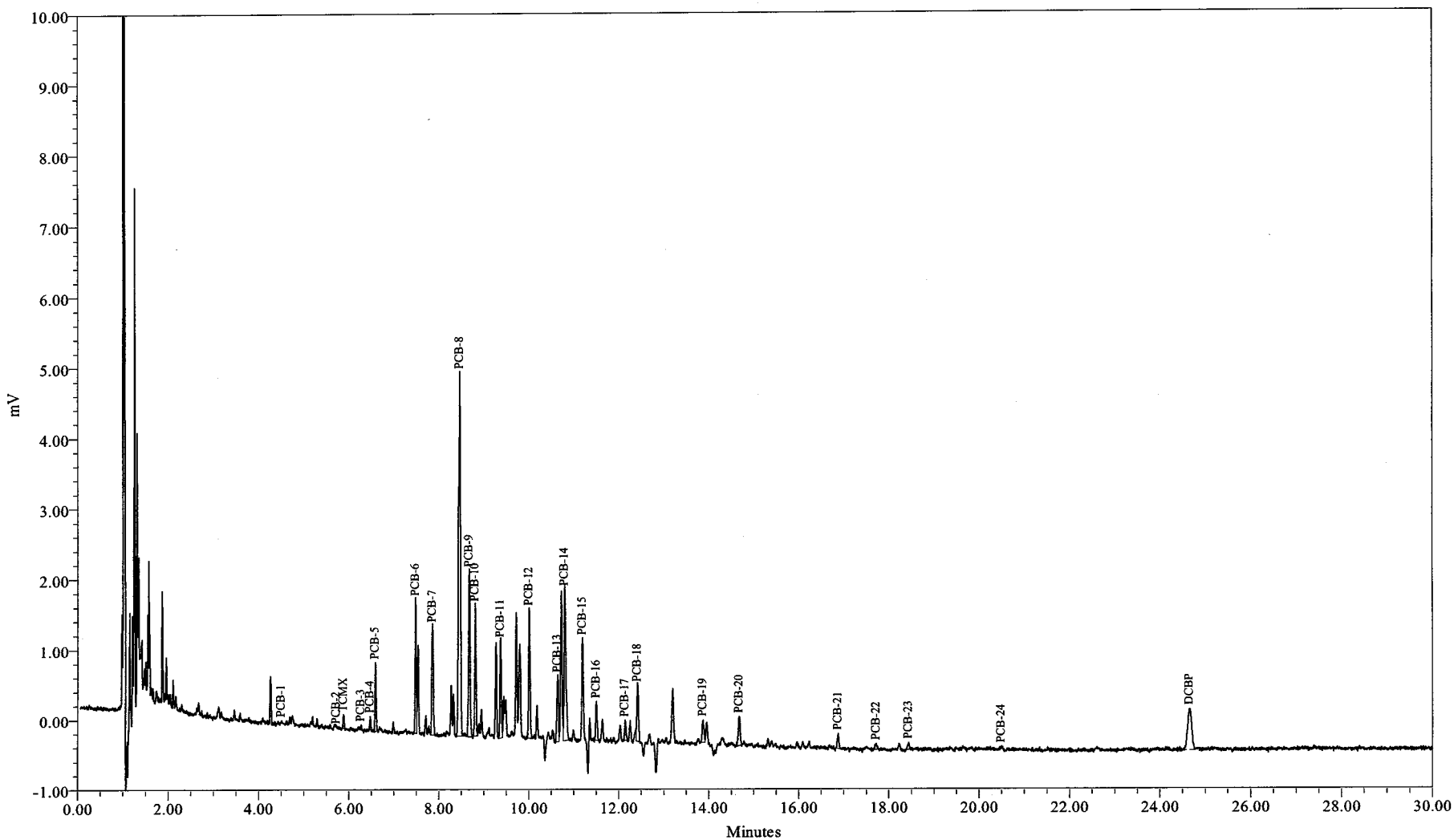
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	2.19	U
1	11104-28-2	Aroclor 1221	2.19	U
1	11141-16-5	Aroclor 1232	2.19	U
1	53469-21-9	Aroclor 1242	40.2	AD
1	12672-29-6	Aroclor 1248	2.19	U
1	11097-69-1	Aroclor 1254	4.57	AF
1	11096-82-5	Aroclor 1260	2.19	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20783	Sample Amount (g) :	4.5730
Sample ID:	P2SD-5A-01	Dilution:	500
Date Acquired:	12/24/2008 00:34:18 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-25

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20783	Sample Amount (g) :	4.5730
Sample ID:	P2SD-5A-01	Dilution:	500
Date Acquired:	12/24/2008 12:34:18 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:31:33 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:39 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-25

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	37			
2	PCB-2	5.73	bb	3			
3	TCMX	5.89	bb	330	0.466	93.3	
4	PCB-3	6.27	bb	117			
5	PCB-4	6.48	bb	279			
6	PCB-5	6.59	bb	1660			
7	PCB-6	7.49	bV	3336			
8	PCB-7	7.86	bb	3619			
9	PCB-8	8.47	bb	15548			
10	PCB-9	8.68	bb	5237			
11	PCB-10	8.81	bV	3667			
12	PCB-11	9.37	bV	2995			
13	PCB-12	10.01	bb	4202			
14	PCB-13	10.64	bV	2166			
15	PCB-14	10.80	Vb	6001			
16	PCB-15	11.20	bb	3351			
17	PCB-16	11.50	bb	1250			
18	PCB-17	12.14	bb	617			
19	PCB-18	12.42	vb	1965			
20	PCB-19	13.87	bV	850			
21	PCB-20	14.68	vb	1264			
22	PCB-21	16.88	bb	494			
23	PCB-22	17.72	bv	189			
24	PCB-23	18.44	bb	241			
25	PCB-24	20.50	bb	74			
26	DCBP	24.66	bb	3689	3.575		71.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1248-11/15	12369	215.222	23.53181	2.19	NR	
2	A1248-14/15	9362	224.322	24.52677	2.19	NR	
3	A1254	5946	41.753	4.56514	2.19	X	AF
4	A1254-17/18	3363	38.567	4.21683	2.19	NR	
5	A1254-19/20	3832	48.510	5.30390	2.19	NR	
6	A1254-20	4682	45.337	4.95707	2.19	NR	
7	A1260	2261	10.585	1.15731	2.19	NR	
8	A1260-20	997	7.792	0.85198	2.19	NR	
9	A1260-23/24	1946	9.752	1.06624	2.19	NR	
10	A1262	2261				NR	
11	A1268	314				NR	
12	A1016	31407	313.586	34.28670	2.19	NR	
13	A1221	2096	79.494	8.69164	2.19	NR	
14	A1221-2	2093	83.667	9.14793	2.19	NR	
15	A1221-5	436	32.201	3.52073	2.19	NR	
16	A1232	29731	594.574	65.00919	2.19	NR	
17	A1232-8/9	8946	394.394	43.12202	2.19	NR	
18	A1242	31407	367.342	40.16424	2.19	X	AD
19	A1248	18715	211.103	23.08148	2.19	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-09
Matrix:	Sediment	Client ID:	P2SD-5B-01
Sample wt(Dry)/vol:	4.9744 g	Lab Sample ID:	AL20784
Percent Moisture:	51.7	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	7
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-26

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.704	U
1	11104-28-2	Aroclor 1221	0.704	U
1	11141-16-5	Aroclor 1232	0.704	U
1	53469-21-9	Aroclor 1242	10.1	AD
1	12672-29-6	Aroclor 1248	0.704	U
1	11097-69-1	Aroclor 1254	1.10	AF
1	11096-82-5	Aroclor 1260	0.704	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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Phone: (518) 346-4592 Fax: (518) 381-6055
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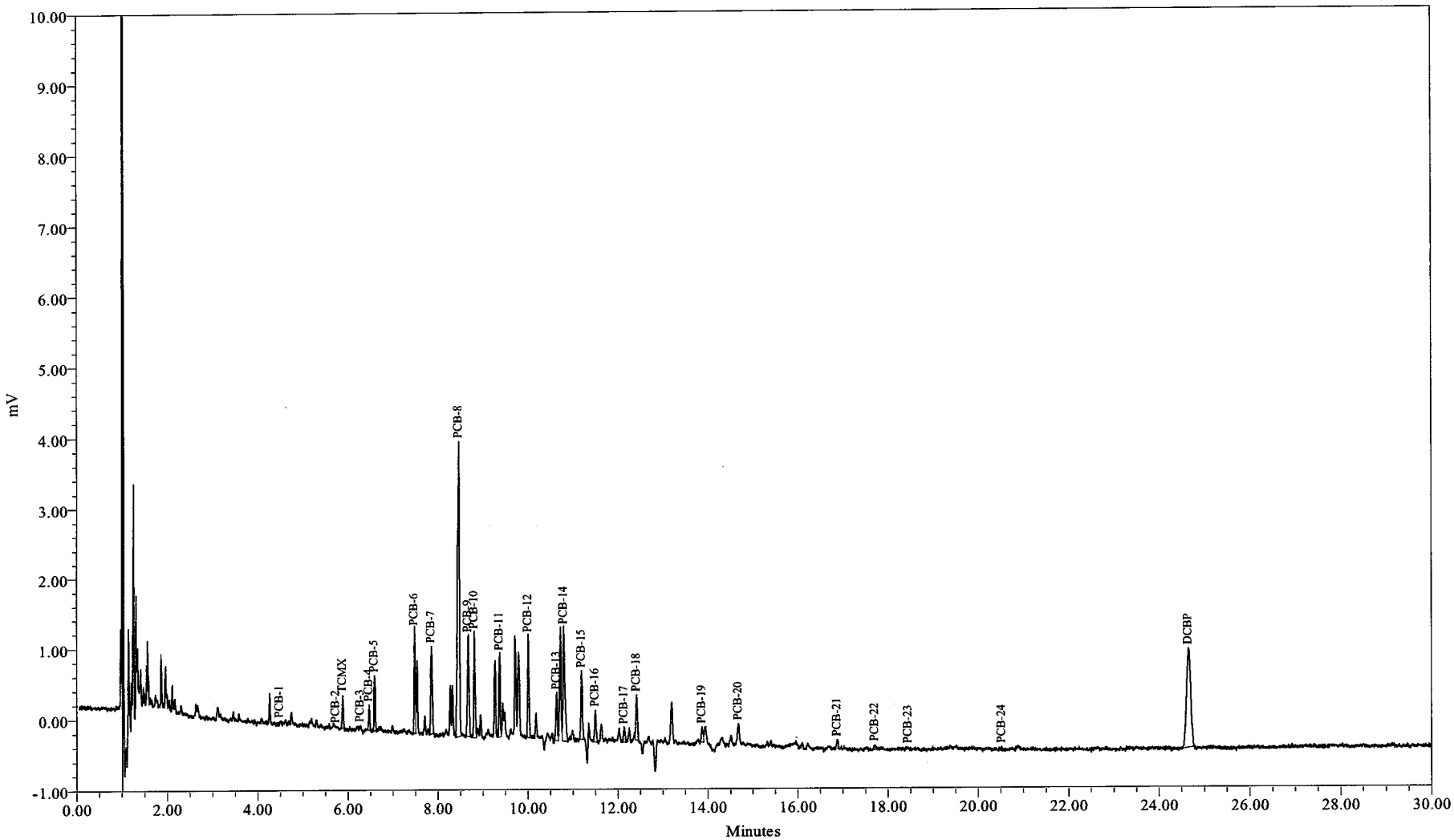

Sample Name:	AL20784	Sample Amount (g) :	4.9740
Sample ID:	P2SD-5B-01	Dilution:	175
Date Acquired:	12/24/2008 01:06:47 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-26

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20784	Sample Amount (g) :	4.9740
Sample ID:	P2SD-5B-01	Dilution:	175
Date Acquired:	12/24/2008 1:06:47 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:36:09 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:40 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-26

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.49	bb	11			
2	PCB-2	5.73	bb	3			
3	TCMX	5.89	bb	700	1.141	79.9	
4	PCB-3	6.28	bb	64			
5	PCB-4	6.47	bb	608			
6	PCB-5	6.59	bb	1324			
7	PCB-6	7.48	bV	2679			
8	PCB-7	7.86	bb	2750			
9	PCB-8	8.47	bb	12813			
10	PCB-9	8.68	bb	3380			
11	PCB-10	8.81	bV	2872			
12	PCB-11	9.37	bV	2357			
13	PCB-12	10.01	bb	3196			
14	PCB-13	10.64	bV	1530			
15	PCB-14	10.80	Vb	4518			
16	PCB-15	11.19	bb	2185			
17	PCB-16	11.50	bb	1035			
18	PCB-17	12.14	bb	520			
19	PCB-18	12.42	vb	1450			
20	PCB-19	13.87	bv	542			
21	PCB-20	14.68	bb	940			
22	PCB-21	16.88	bb	319			
23	PCB-22	17.71	bb	164			
24	PCB-23	18.45	bb	20			
25	PCB-24	20.53	bb	115			
26	DCBP	24.65	bb	8797	12.342		86.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1260-23/24	1423	6.449	0.22690	0.704	NR	
2	A1262	1558				NR	
3	A1268	135				NR	
4	A1016	24494	244.099	8.58811	0.704	NR	
5	A1221	2010	76.201	2.68098	0.704	NR	
6	A1221-2	2007	80.155	2.82010	0.704	NR	
7	A1221-5	686	51.220	1.80207	0.704	NR	
8	A1232	23139	463.017	16.29030	0.704	NR	
9	A1232-8/9	6946	306.895	10.79748	0.704	NR	
10	A1242	24494	285.692	10.05150	0.704	X	AD
11	A1248	13786	155.119	5.45754	0.704	NR	
12	A1248-11/15	9244	160.366	5.64214	0.704	NR	
13	A1248-14/15	7083	168.779	5.93814	0.704	NR	
14	A1254	4487	31.176	1.09687	0.704	X	AF
15	A1254-17/18	2517	28.459	1.00126	0.704	NR	
16	A1254-19/20	3005	37.825	1.33079	0.704	NR	
17	A1254-20	3547	34.344	1.20833	0.704	NR	
18	A1260	1558	6.956	0.24473	0.704	NR	
19	A1260-20	618	5.191	0.18263	0.704	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-10
Matrix:	Sediment	Client ID:	P2SD-6A-01
Sample wt(Dry)/vol:	4.2745 g	Lab Sample ID:	AL20785
Percent Moisture:	57.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	2
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-27

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.234	U
1	11104-28-2	Aroclor 1221	0.234	U
1	11141-16-5	Aroclor 1232	0.234	U
1	53469-21-9	Aroclor 1242	0.234	U
1	12672-29-6	Aroclor 1248	0.234	U
1	11097-69-1	Aroclor 1254	0.234	U
1	11096-82-5	Aroclor 1260	0.234	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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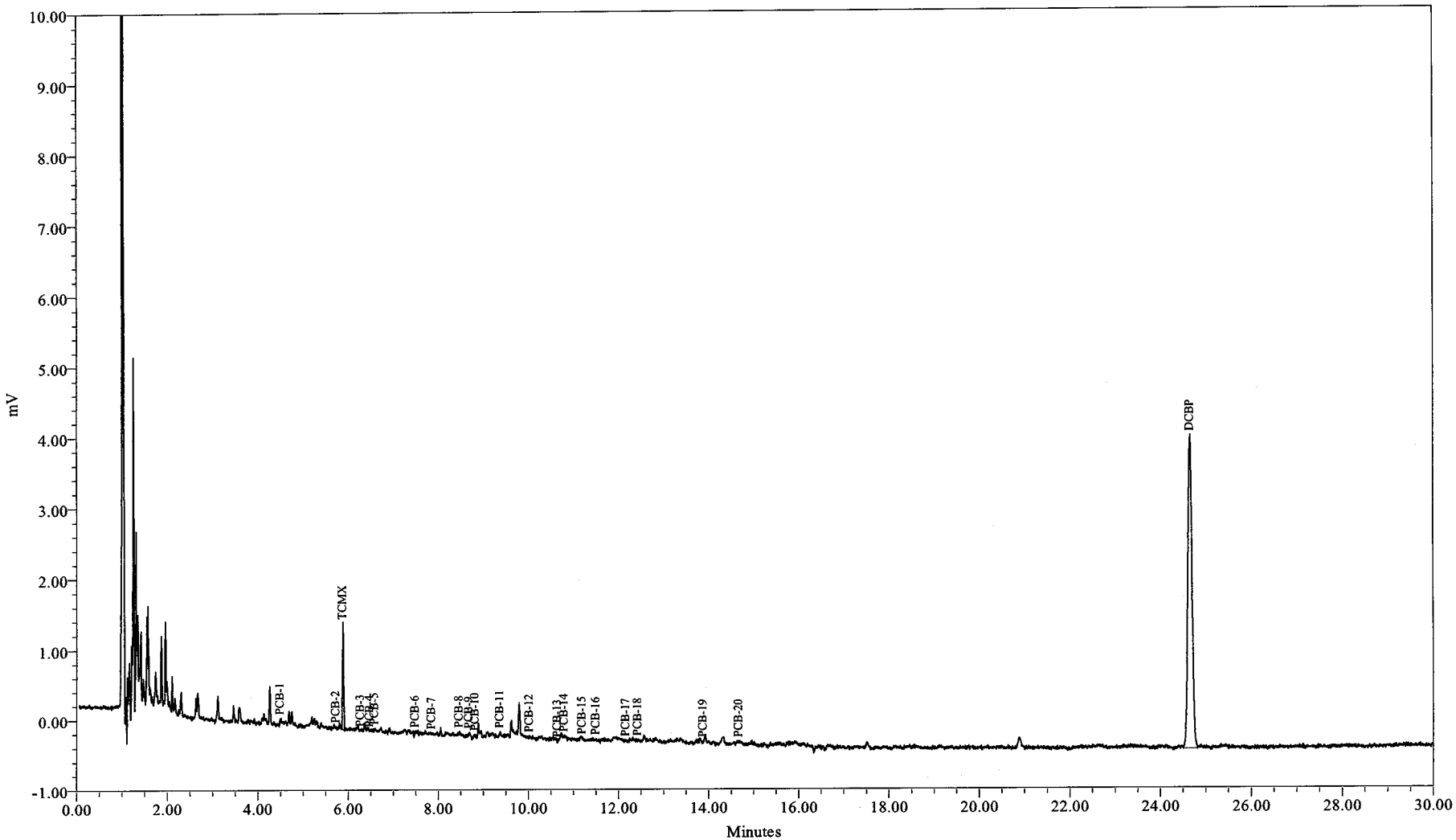

Sample Name:	AL20785	Sample Amount (g) :	4.2740
Sample ID:	P2SD-6A-01	Dilution:	50
Date Acquired:	12/24/2008 01:39:16 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-27

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Sample Name:	AL20785	Sample Amount (g) :	4.2740
Sample ID:	P2SD-6A-01	Dilution:	50
Date Acquired:	12/24/2008 1:39:16 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:38:05 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:42 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-27

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	114			
2	PCB-2	5.73	bb	24			
3	TCMX	5.89	bb	2462	4.353	87.1	
4	PCB-3	6.28	bb	3			
5	PCB-4	6.48	bb	1			
6	PCB-5	6.59	bb	17			
7	PCB-6	7.49	bb	34			
8	PCB-7	7.86	bb	17			
9	PCB-8	8.47	bb	49			
10	PCB-9	8.68	bb	53			
11	PCB-10	8.83	bb	36			
12	PCB-11	9.38	bb	63			
13	PCB-12	10.03	bb	42			
14	PCB-13	10.65	bb	11			
15	PCB-14	10.80	bb	41			
16	PCB-15	11.20	vb	36			
17	PCB-16	11.51	bb	29			
18	PCB-17	12.17	bb	18			
19	PCB-18	12.43	bb	11			
20	PCB-19	13.88	bb	23			
21	PCB-20	14.67	bb	10			
22	DCBP	24.66	bb	28826	46.709		93.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	189			0.234	NR	
2	A1221	160	4.947	0.05788	0.234	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	135	3.479	0.04070	0.234	NR	
4	A1221-5	143	9.928	0.11614	0.234	NR	
5	A1232	173	4.641	0.05429	0.234	NR	
6	A1232-8/9	70	6.126	0.07166	0.234	NR	
7	A1242	189			0.234	NR	
8	A1248	193	0.729	0.00852	0.234	NR	
9	A1248-11/15	94			0.234	NR	
10	A1248-14/15	116			0.234	NR	
11	A1254	92			0.234	NR	
12	A1254-17/18	63			0.234	NR	
13	A1254-19/20	59			0.234	NR	
14	A1254-20	82	0.784	0.00918	0.234	NR	
15	A1260	10			0.234	NR	
16	A1260-23/24	10			0.234	NR	
17	A1262	10				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-11
Matrix:	Sediment	Client ID:	P2SD-6A-03
Sample wt(Dry)/vol:	4.5197 g	Lab Sample ID:	AL20786
Percent Moisture:	57.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-30

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.111	U
1	11104-28-2	Aroclor 1221	0.111	U
1	11141-16-5	Aroclor 1232	0.111	U
1	53469-21-9	Aroclor 1242	0.111	U
1	12672-29-6	Aroclor 1248	0.111	U
1	11097-69-1	Aroclor 1254	0.111	U
1	11096-82-5	Aroclor 1260	0.111	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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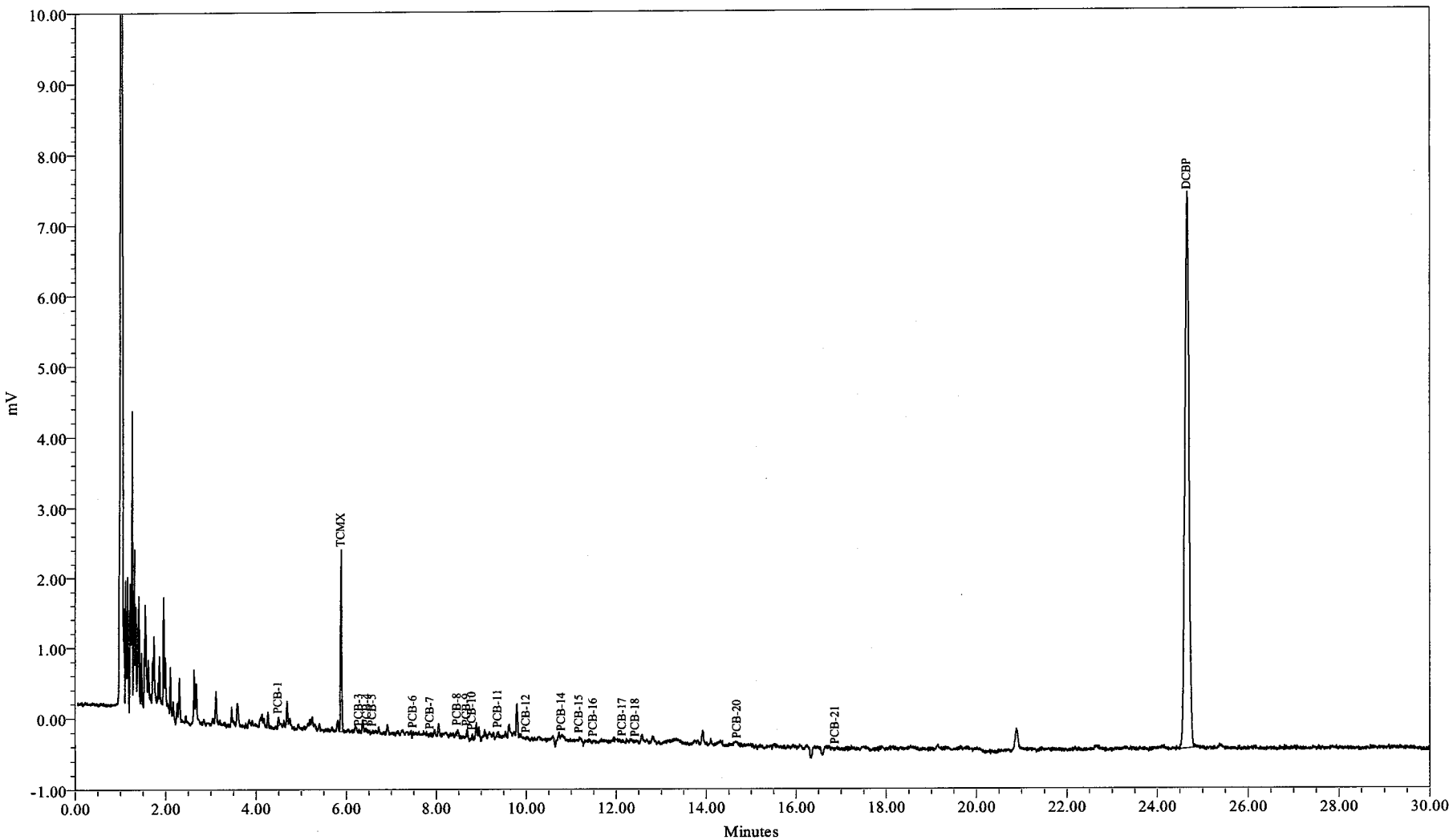

Sample Name:	AL20786	Sample Amount (g) :	4.5200
Sample ID:	P2SD-6A-03	Dilution:	25
Date Acquired:	12/24/2008 03:16:44 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-30

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
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Sample Name:	AL20786	Sample Amount (g) :	4.5200
Sample ID:	P2SD-6A-03	Dilution:	25
Date Acquired:	12/24/2008 3:16:44 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:44:05 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:47 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-30

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	202			
2	TCMX	5.89	bb	4116	7.365	73.7	
3	PCB-3	6.29	bb	32			
4	PCB-4	6.47	bb	36			
5	PCB-5	6.59	bb	25			
6	PCB-6	7.49	bb	73			
7	PCB-7	7.88	bb	49			
8	PCB-8	8.48	vb	161			
9	PCB-9	8.69	bb	195			
10	PCB-10	8.81	bb	108			
11	PCB-11	9.38	bb	168			
12	PCB-12	10.01	bb	82			
13	PCB-14	10.79	bb	36			
14	PCB-15	11.19	bb	35			
15	PCB-16	11.50	bb	61			
16	PCB-17	12.15	bb	31			
17	PCB-18	12.44	bb	48			
18	PCB-20	14.70	bb	32			
19	PCB-21	16.88	bb	10			
20	DCBP	24.66	bb	50192	83.372		83.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	587	3.796	0.02100	0.111	NR	
2	A1221	296	10.209	0.05646	0.111	NR	
3	A1221-2	296	10.078	0.05574	0.111	NR	
4	A1221-5	271	19.667	0.10878	0.111	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
5	A1232	539	11.953	0.06611	0.111	NR	
6	A1232-8/9	183	11.055	0.06115	0.111	NR	
7	A1242	587	3.330	0.01842	0.111	NR	
8	A1248	321	2.178	0.01204	0.111	NR	
9	A1248-11/15	118	0.158	0.00088	0.111	NR	
10	A1248-14/15	250	2.258	0.01249	0.111	NR	
11	A1254	172			0.111	NR	
12	A1254-17/18	93			0.111	NR	
13	A1254-19/20	140	0.823	0.00455	0.111	NR	
14	A1254-20	140	1.347	0.00745	0.111	NR	
15	A1260	43			0.111	NR	
16	A1260-20	10	1.025	0.00567	0.111	NR	
17	A1260-23/24	43			0.111	NR	
18	A1262	43				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-12
Matrix:	Sediment	Client ID:	P2SD-7A-01
Sample wt(Dry)/vol:	4.4121 g	Lab Sample ID:	AL20787
Percent Moisture:	59.5	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-31

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.113	U
1	11104-28-2	Aroclor 1221	0.113	U
1	11141-16-5	Aroclor 1232	0.113	U
1	53469-21-9	Aroclor 1242	0.113	U
1	12672-29-6	Aroclor 1248	0.113	U
1	11097-69-1	Aroclor 1254	0.113	U
1	11096-82-5	Aroclor 1260	0.113	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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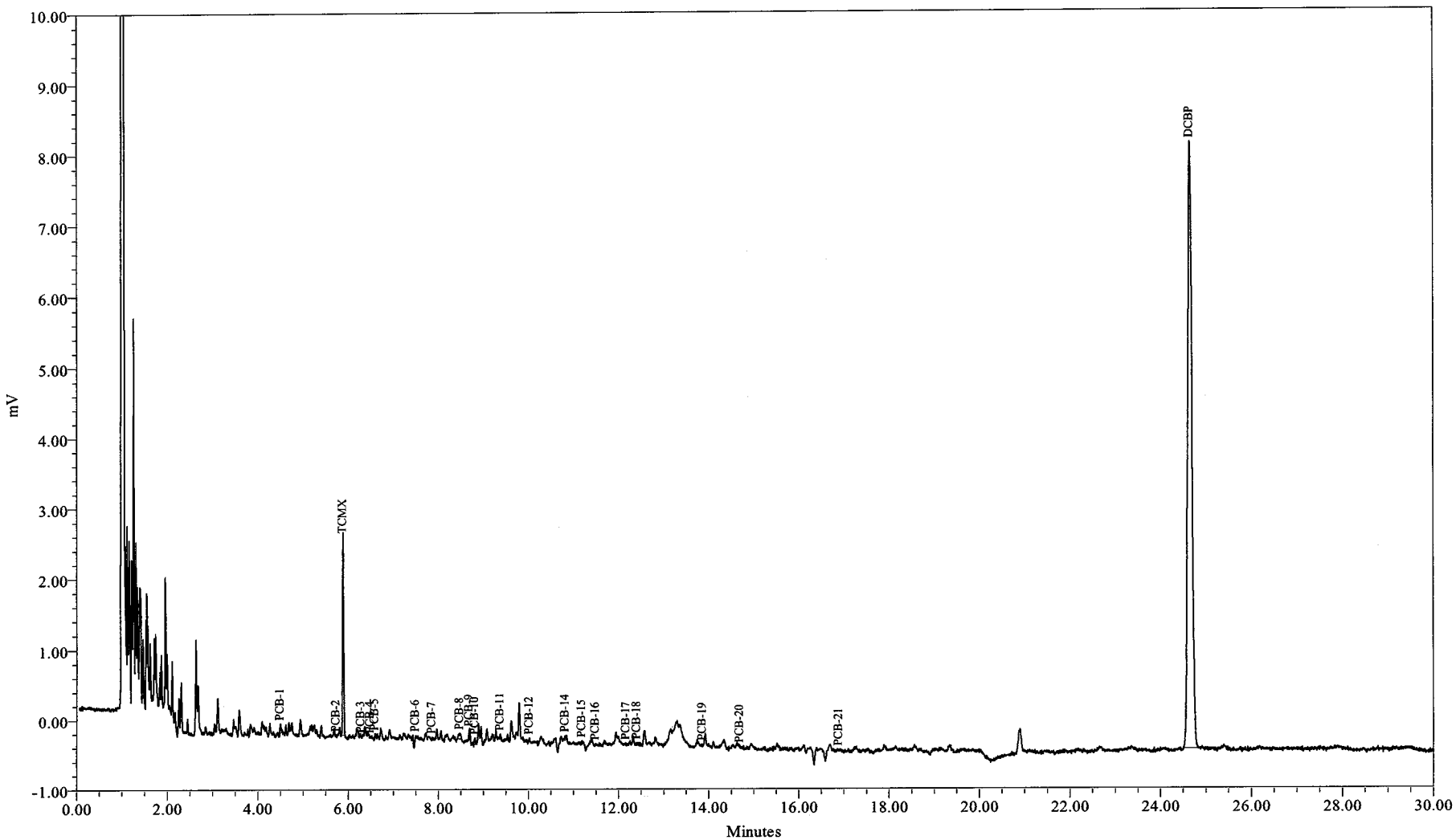

Sample Name:	AL20787	Sample Amount (g) :	4.4120
Sample ID:	P2SD-7A-01	Dilution:	25
Date Acquired:	12/24/2008 03:49:13 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-31

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Sample Name:	AL20787	Sample Amount (g) :	4.4120
Sample ID:	P2SD-7A-01	Dilution:	25
Date Acquired:	12/24/2008 3:49:13 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:46:35 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:49 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-31

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	184			
2	PCB-2	5.73	bb	35			
3	TCMX	5.89	bb	4604	8.255	82.6	
4	PCB-3	6.28	bb	15			
5	PCB-4	6.49	bb	11			
6	PCB-5	6.59	bb	86			
7	PCB-6	7.49	bb	56			
8	PCB-7	7.86	bb	86			
9	PCB-8	8.48	bb	293			
10	PCB-9	8.68	bv	117			
11	PCB-10	8.81	bb	152			
12	PCB-11	9.38	bb	128			
13	PCB-12	10.02	bb	58			
14	PCB-14	10.82	bv	89			
15	PCB-15	11.18	bb	92			
16	PCB-16	11.49	bb	39			
17	PCB-17	12.17	bb	56			
18	PCB-18	12.40	bb	44			
19	PCB-19	13.86	bb	17			
20	PCB-20	14.69	bb	43			
21	PCB-21	16.89	bb	22			
22	DCBP	24.66	bb	55691	92.808		92.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	704	4.974	0.02818	0.113	NR	
2	A1221	331	11.558	0.06549	0.113	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	296	10.064	0.05703	0.113	NR	
4	A1221-5	245	17.696	0.10027	0.113	NR	
5	A1232	734	15.846	0.08979	0.113	NR	
6	A1232-8/9	325	17.251	0.09775	0.113	NR	
7	A1242	704	4.714	0.02671	0.113	NR	
8	A1248	367	2.706	0.01533	0.113	NR	
9	A1248-11/15	147	0.673	0.00381	0.113	NR	
10	A1248-14/15	186	0.697	0.00395	0.113	NR	
11	A1254	199	0.080	0.00045	0.113	NR	
12	A1254-17/18	99			0.113	NR	
13	A1254-19/20	139	0.815	0.00462	0.113	NR	
14	A1254-20	157	1.507	0.00854	0.113	NR	
15	A1260	65			0.113	NR	
16	A1260-20	22	1.106	0.00627	0.113	NR	
17	A1260-23/24	65			0.113	NR	
18	A1262	65				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-13
Matrix:	Sediment	Client ID:	P2SD-7B-01
Sample wt(Dry)/vol:	3.9075 g	Lab Sample ID:	AL20788
Percent Moisture:	62.1	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-32

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.128	U
1	11104-28-2	Aroclor 1221	0.128	U
1	11141-16-5	Aroclor 1232	0.128	U
1	53469-21-9	Aroclor 1242	0.128	U
1	12672-29-6	Aroclor 1248	0.128	U
1	11097-69-1	Aroclor 1254	0.128	U
1	11096-82-5	Aroclor 1260	0.128	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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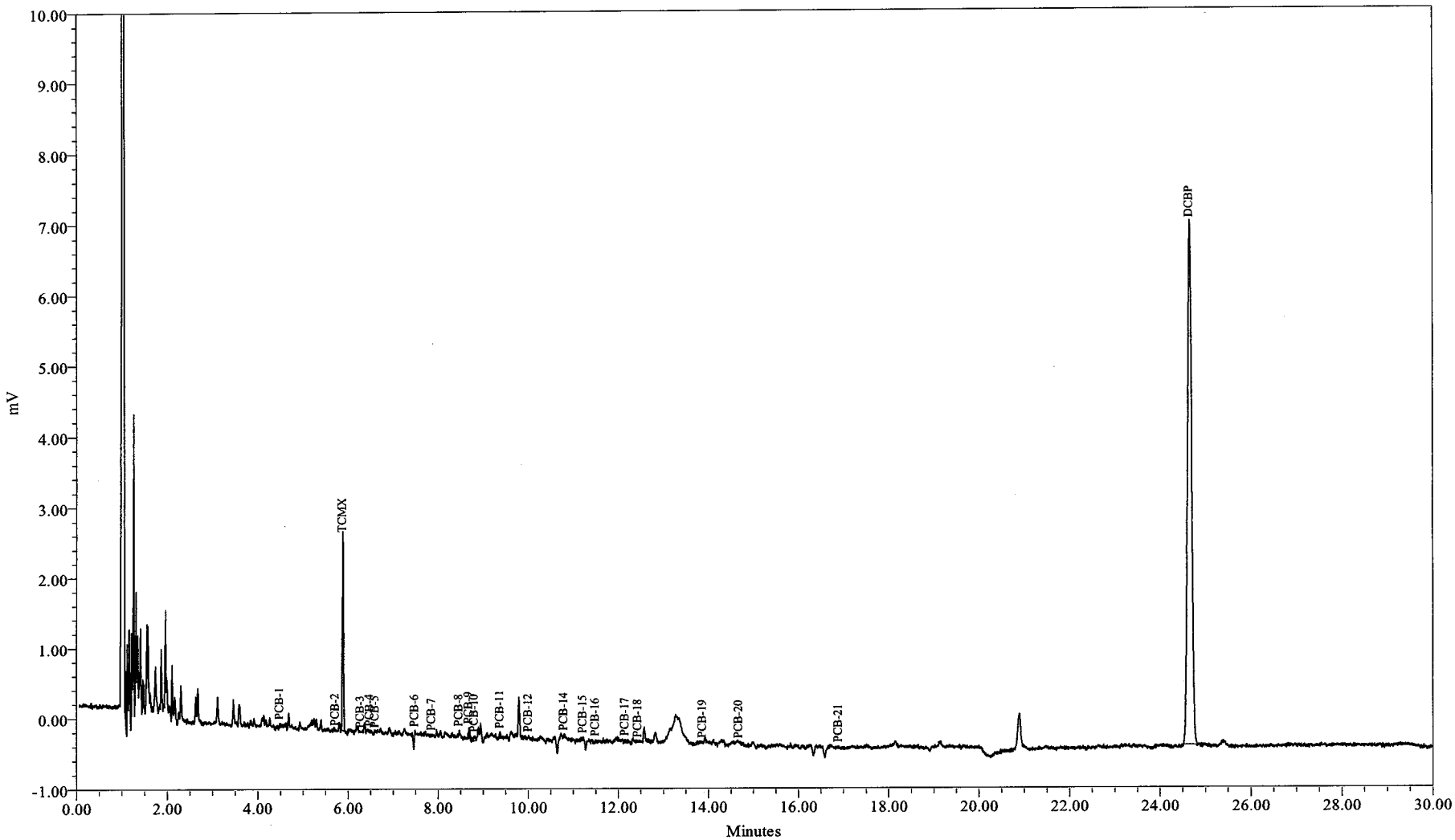

Sample Name:	AL20788	Sample Amount (g) :	3.9070
Sample ID:	P2SD-7B-01	Dilution:	25
Date Acquired:	12/24/2008 04:21:41 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-32

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Sample Name:	AL20788	Sample Amount (g) :	3.9070
Sample ID:	P2SD-7B-01	Dilution:	25
Date Acquired:	12/24/2008 4:21:41 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:48:46 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:50 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-32

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	81			
2	PCB-2	5.73	bb	31			
3	TCMX	5.89	bb	4544	8.146	81.5	
4	PCB-3	6.28	bb	7			
5	PCB-4	6.49	bb	17			
6	PCB-5	6.61	bb	35			
7	PCB-6	7.49	bb	23			
8	PCB-7	7.86	bb	42			
9	PCB-8	8.47	bb	76			
10	PCB-9	8.69	bv	162			
11	PCB-10	8.82	bb	147			
12	PCB-11	9.38	bb	162			
13	PCB-12	10.01	bb	59			
14	PCB-14	10.80	bb	89			
15	PCB-15	11.22	vb	91			
16	PCB-16	11.50	bb	78			
17	PCB-17	12.16	bb	94			
18	PCB-18	12.45	bb	25			
19	PCB-19	13.88	bb	22			
20	PCB-20	14.68	bb	15			
21	PCB-21	16.89	bb	40			
22	DCBP	24.66	bb	47523	78.793		78.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	450	2.427	0.01553	0.128	NR	
2	A1221	172	5.407	0.03460	0.128	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	141	3.701	0.02368	0.128	NR	
4	A1221-5	136	9.428	0.06033	0.128	NR	
5	A1232	463	10.430	0.06674	0.128	NR	
6	A1232-8/9	225	12.873	0.08237	0.128	NR	
7	A1242	450	1.721	0.01101	0.128	NR	
8	A1248	400	3.083	0.01973	0.128	NR	
9	A1248-11/15	148	0.689	0.00441	0.128	NR	
10	A1248-14/15	221	1.551	0.00992	0.128	NR	
11	A1254	234	0.333	0.00213	0.128	NR	
12	A1254-17/18	115			0.128	NR	
13	A1254-19/20	198	1.569	0.01004	0.128	NR	
14	A1254-20	220	2.117	0.01354	0.128	NR	
15	A1260	55			0.128	NR	
16	A1260-20	40	1.230	0.00787	0.128	NR	
17	A1260-23/24	55			0.128	NR	
18	A1262	55				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-14
Matrix:	Sediment	Client ID:	P2SD-8A-01
Sample wt(Dry)/vol:	4.5618 g	Lab Sample ID:	AL20789
Percent Moisture:	55.1	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-33

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.110	U
1	11104-28-2	Aroclor 1221	0.110	U
1	11141-16-5	Aroclor 1232	0.110	U
1	53469-21-9	Aroclor 1242	0.110	U
1	12672-29-6	Aroclor 1248	0.110	U
1	11097-69-1	Aroclor 1254	0.110	U
1	11096-82-5	Aroclor 1260	0.110	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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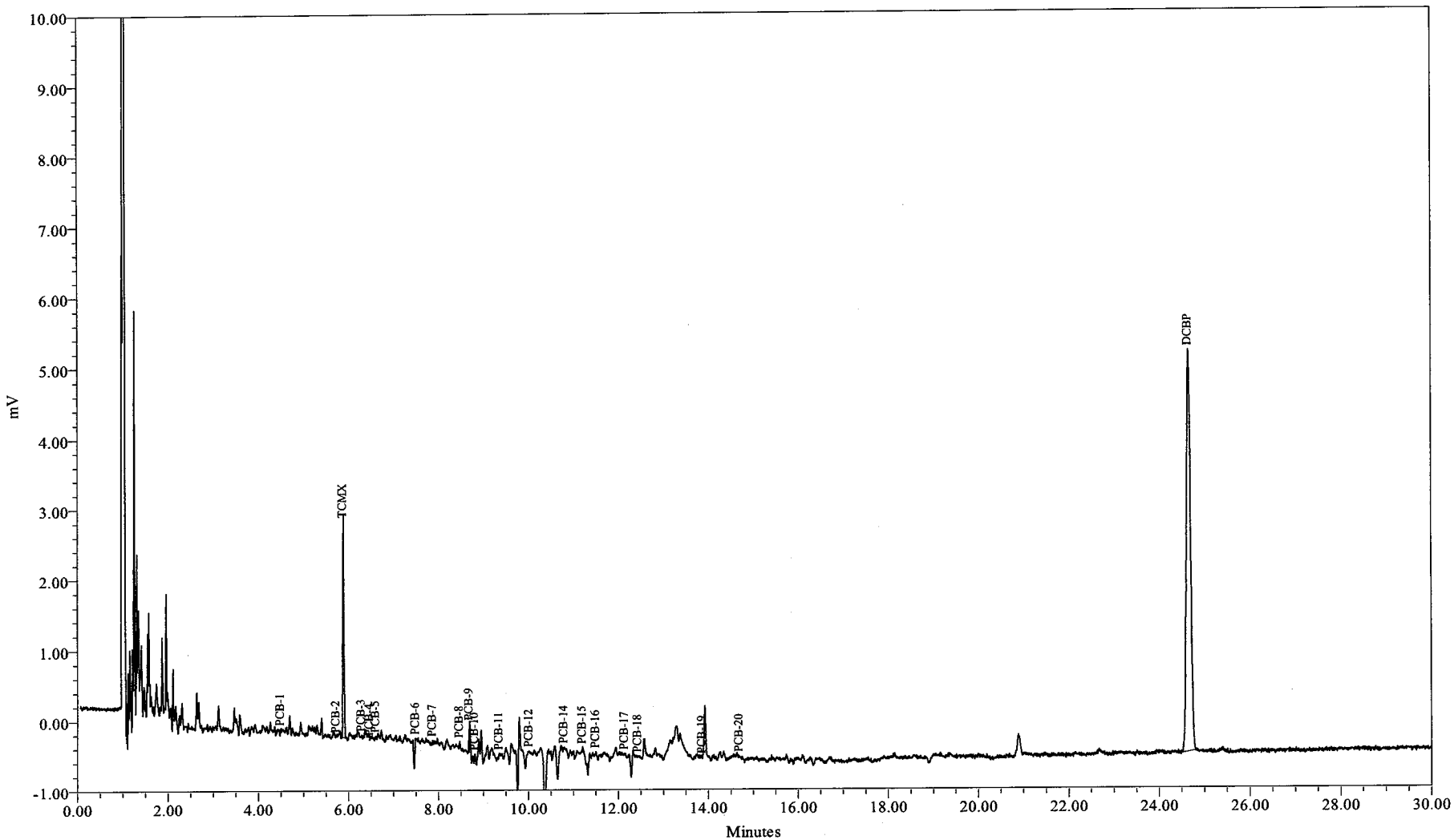

Sample Name:	AL20789	Sample Amount (g) :	4.5620
Sample ID:	P2SD-8A-01	Dilution:	25
Date Acquired:	12/24/2008 04:54:08 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-33

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Sample Name:	AL20789	Sample Amount (g) :	4.5620
Sample ID:	P2SD-8A-01	Dilution:	25
Date Acquired:	12/24/2008 4:54:08 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:51:38 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:52 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-33

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	91			
2	PCB-2	5.73	bb	2			
3	TCMX	5.89	bb	5083	9.128	91.3	
4	PCB-3	6.29	bb	29			
5	PCB-4	6.47	bb	9			
6	PCB-5	6.60	bb	59			
7	PCB-6	7.50	bb	27			
8	PCB-7	7.87	bb	78			
9	PCB-8	8.47	bb	89			
10	PCB-9	8.69	bv	297			
11	PCB-10	8.81	bb	273			
12	PCB-11	9.35	bb	41			
13	PCB-12	10.02	bb	34			
14	PCB-14	10.80	bb	47			
15	PCB-15	11.21	bb	102			
16	PCB-16	11.50	bb	61			
17	PCB-17	12.14	bb	57			
18	PCB-18	12.44	bb	28			
19	PCB-19	13.87	bb	8			
20	PCB-20	14.69	bb	38			
21	DCBP	24.66	bb	36556	59.973		60.0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	764	5.575	0.03055	0.110	NR	
2	A1221	189	6.062	0.03322	0.110	NR	
3	A1221-2	187	5.586	0.03061	0.110	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	130	8.964	0.04913	0.110	NR	
5	A1232	795	17.070	0.09355	0.110	NR	
6	A1232-8/9	409	20.942	0.11476	0.110	NR	
7	A1242	764	5.420	0.02970	0.110	NR	
8	A1248	224	1.083	0.00593	0.110	NR	
9	A1248-11/15	81			0.110	NR	
10	A1248-14/15	76			0.110	NR	
11	A1254	192	0.028	0.00015	0.110	NR	
12	A1254-17/18	106			0.110	NR	
13	A1254-19/20	146	0.903	0.00495	0.110	NR	
14	A1254-20	154	1.485	0.00814	0.110	NR	
15	A1260	38			0.110	NR	
16	A1260-23/24	38			0.110	NR	
17	A1262	38				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-15
Matrix:	Sediment	Client ID:	P2SD-9A-01
Sample wt(Dry)/vol:	5.5128 g	Lab Sample ID:	AL20790
Percent Moisture:	45.9	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-35

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0907	U
1	11104-28-2	Aroclor 1221	0.0907	U
1	11141-16-5	Aroclor 1232	0.0907	U
1	53469-21-9	Aroclor 1242	0.161	AD
1	12672-29-6	Aroclor 1248	0.0907	U
1	11097-69-1	Aroclor 1254	0.0907	U
1	11096-82-5	Aroclor 1260	0.0907	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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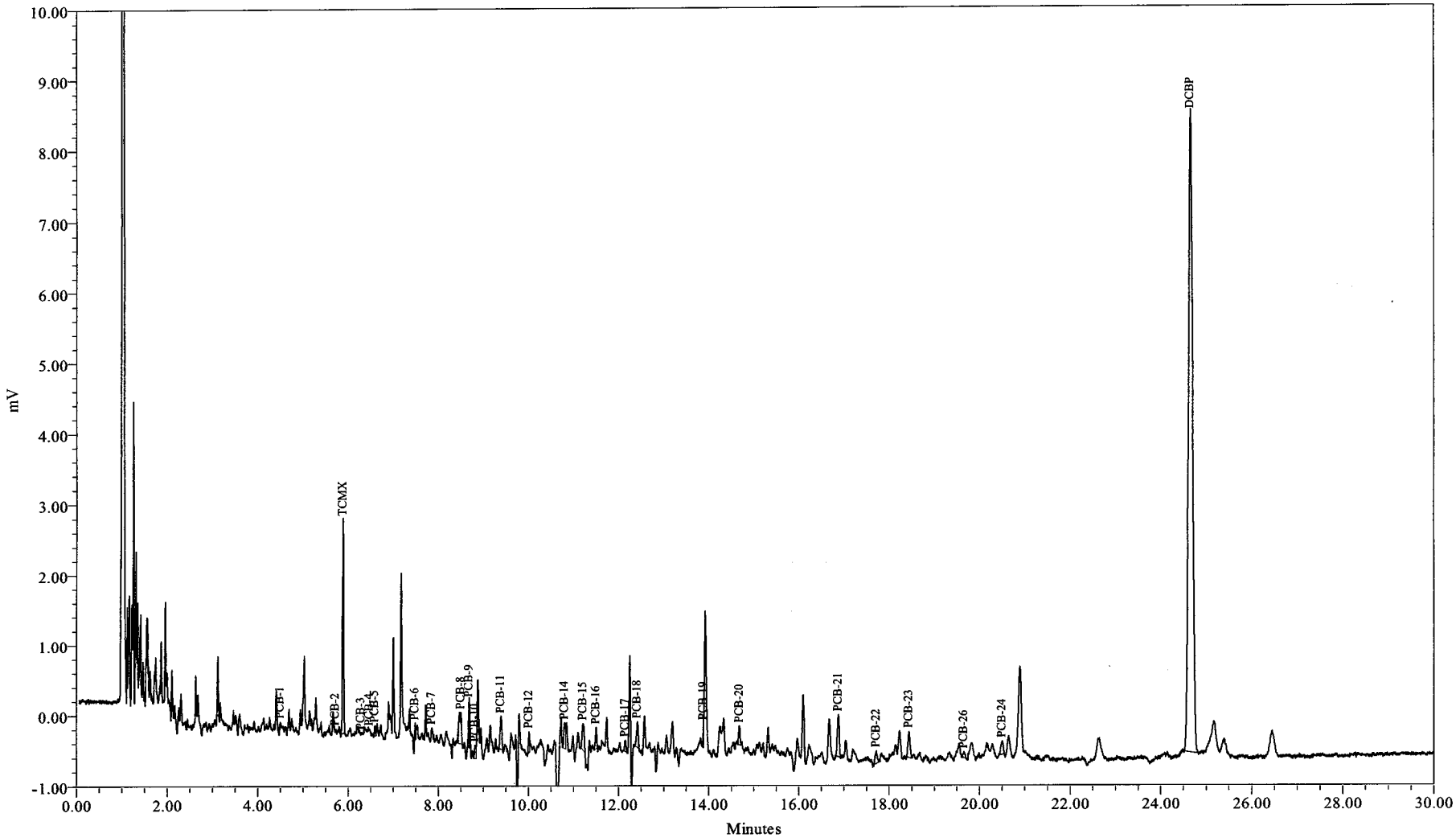

Sample Name:	AL20790	Sample Amount (g) :	5.5130
Sample ID:	P2SD-9A-01	Dilution:	25
Date Acquired:	12/24/2008 05:59:06 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-35

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Sample Name:	AL20790	Sample Amount (g) :	5.5130
Sample ID:	P2SD-9A-01	Dilution:	25
Date Acquired:	12/24/2008 5:59:06 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:53:51 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:54 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-35

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	95			
2	PCB-2	5.72	bb	46			
3	TCMX	5.89	bb	5010	8.996	90.0	
4	PCB-3	6.29	bb	15			
5	PCB-4	6.48	bb	35			
6	PCB-5	6.60	bV	221			
7	PCB-6	7.49	bv	374			
8	PCB-7	7.86	bv	312			
9	PCB-8	8.50	vb	1604			
10	PCB-9	8.69	bv	634			
11	PCB-10	8.82	bV	383			
12	PCB-11	9.39	bb	1234			
13	PCB-12	10.02	bv	572			
14	PCB-14	10.80	bV	913			
15	PCB-15	11.21	bb	1231			
16	PCB-16	11.50	bb	603			
17	PCB-17	12.15	bb	335			
18	PCB-18	12.42	bb	917			
19	PCB-19	13.89	bv	214			
20	PCB-20	14.68	bb	627			
21	PCB-21	16.88	bb	1764			
22	PCB-22	17.72	bb	574			
23	PCB-23	18.44	bb	1164			
24	PCB-26	19.65	bb	232			
25	PCB-24	20.50	bb	660			
26	DCBP	24.66	bb	57543	95.987		96.0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1260	4790	23.647	0.10723	0.0907	NR	
2	A1260-20	4162	29.509	0.13382	0.0907	NR	
3	A1260-23/24	2965	16.185	0.07339	0.0907	NR	
4	A1262	4790				NR	
5	A1268	2057				NR	
6	A1268-23/24	232				NR	
7	A1016	3307	31.143	0.14122	0.0907	NR	
8	A1221	412	14.658	0.06647	0.0907	NR	
9	A1221-2	366	12.929	0.05863	0.0907	NR	
10	A1221-5	191	13.582	0.06159	0.0907	NR	
11	A1232	3154	64.148	0.29089	0.0907	NR	
12	A1232-8/9	916	43.132	0.19559	0.0907	NR	
13	A1242	3307	35.463	0.16081	0.0907	X	AD
14	A1248	3951	43.408	0.19684	0.0907	NR	
15	A1248-11/15	1485	24.168	0.10959	0.0907	NR	
16	A1248-14/15	1807	40.204	0.18231	0.0907	NR	
17	A1254	2696	18.189	0.08248	0.0907	NR	
18	A1254-17/18	1444	15.639	0.07092	0.0907	NR	
19	A1254-19/20	1855	22.969	0.10416	0.0907	NR	
20	A1254-20	2069	20.028	0.09082	0.0907	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-16
Matrix:	Soil	Client ID:	P2SL-10A-01
Sample wt(Dry)/vol:	5.2625 g	Lab Sample ID:	AL20791
Percent Moisture:	50.9	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	30
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-36

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

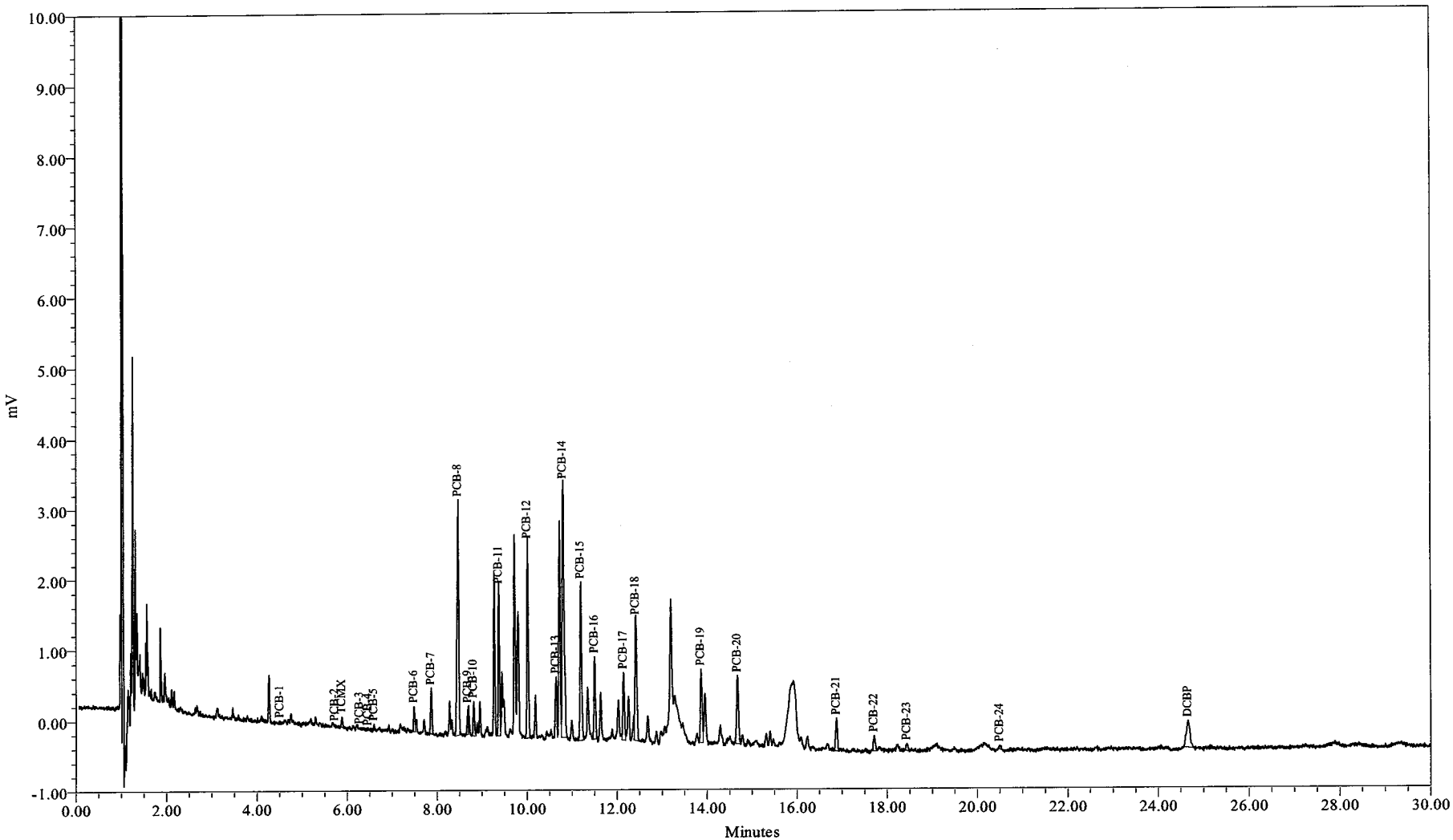
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	2.85	U
1	11104-28-2	Aroclor 1221	2.85	U
1	11141-16-5	Aroclor 1232	2.85	U
1	53469-21-9	Aroclor 1242	20.4	AD
1	12672-29-6	Aroclor 1248	2.85	U
1	11097-69-1	Aroclor 1254	15.9	AF
1	11096-82-5	Aroclor 1260	2.85	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20791	Sample Amount (g) :	5.2630
Sample ID:	P2SL-10A-01	Dilution:	750
Date Acquired:	12/24/2008 06:31:35 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-36

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20791	Sample Amount (g) :	5.2630
Sample ID:	P2SL-10A-01	Dilution:	750
Date Acquired:	12/24/2008 6:31:35 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:56:11 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:55 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-36

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	112			
2	PCB-2	5.73	bb	18			
3	TCMX	5.88	bv	246	0.313	94.0	
4	PCB-3	6.28	bb	14			
5	PCB-4	6.47	bb	21			
6	PCB-5	6.60	bb	102			
7	PCB-6	7.49	bv	761			
8	PCB-7	7.87	bb	1250			
9	PCB-8	8.47	bb	8660			
10	PCB-9	8.69	bv	661			
11	PCB-10	8.81	bV	1069			
12	PCB-11	9.37	BV	4379			
13	PCB-12	10.01	bb	6578			
14	PCB-13	10.64	bV	1890			
15	PCB-14	10.80	Vb	10471			
16	PCB-15	11.20	bV	5406			
17	PCB-16	11.50	Bb	2766			
18	PCB-17	12.15	vv	2352			
19	PCB-18	12.42	vb	4750			
20	PCB-19	13.87	bV	2830			
21	PCB-20	14.68	vb	2885			
22	PCB-21	16.88	bb	1288			
23	PCB-22	17.72	bb	614			
24	PCB-23	18.44	bb	287			
25	PCB-24	20.50	bb	156			
26	DCBP	24.66	bb	2123	0.888		26.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	12402	122.554	17.46449	2.85	NR	
2	A1221	267	9.080	1.29397	2.85	NR	
3	A1221-2	249	8.151	1.16160	2.85	NR	
4	A1221-5	165	11.599	1.65292	2.85	NR	
5	A1232	11743	235.566	33.56922	2.85	NR	
6	A1232-8/9	2421	108.960	15.52721	2.85	NR	
7	A1242	12402	142.874	20.36014	2.85	X	AD
8	A1248	28724	324.794	46.28448	2.85	NR	
9	A1248-11/15	18940	330.565	47.10698	2.85	NR	
10	A1248-14/15	12847	309.232	44.06683	2.85	NR	
11	A1254	15583	111.646	15.91009	2.85	X	AF
12	A1254-17/18	8481	99.708	14.20888	2.85	NR	
13	A1254-19/20	9868	126.479	18.02386	2.85	NR	
14	A1254-20	12698	122.985	17.52584	2.85	NR	
15	A1260	5229	25.919	3.69353	2.85	NR	
16	A1260-20	2344	17.038	2.42797	2.85	NR	
17	A1260-23/24	4787	27.684	3.94507	2.85	NR	
18	A1262	5229				NR	
19	A1268	443				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-17
Matrix:	Soil	Client ID:	P2SL-10B-01
Sample wt(Dry)/vol:	4.5352 g	Lab Sample ID:	AL20792
Percent Moisture:	57.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-37

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.110	U
1	11104-28-2	Aroclor 1221	0.110	U
1	11141-16-5	Aroclor 1232	0.110	U
1	53469-21-9	Aroclor 1242	0.381	AD
1	12672-29-6	Aroclor 1248	0.110	U
1	11097-69-1	Aroclor 1254	0.262	AF
1	11096-82-5	Aroclor 1260	0.110	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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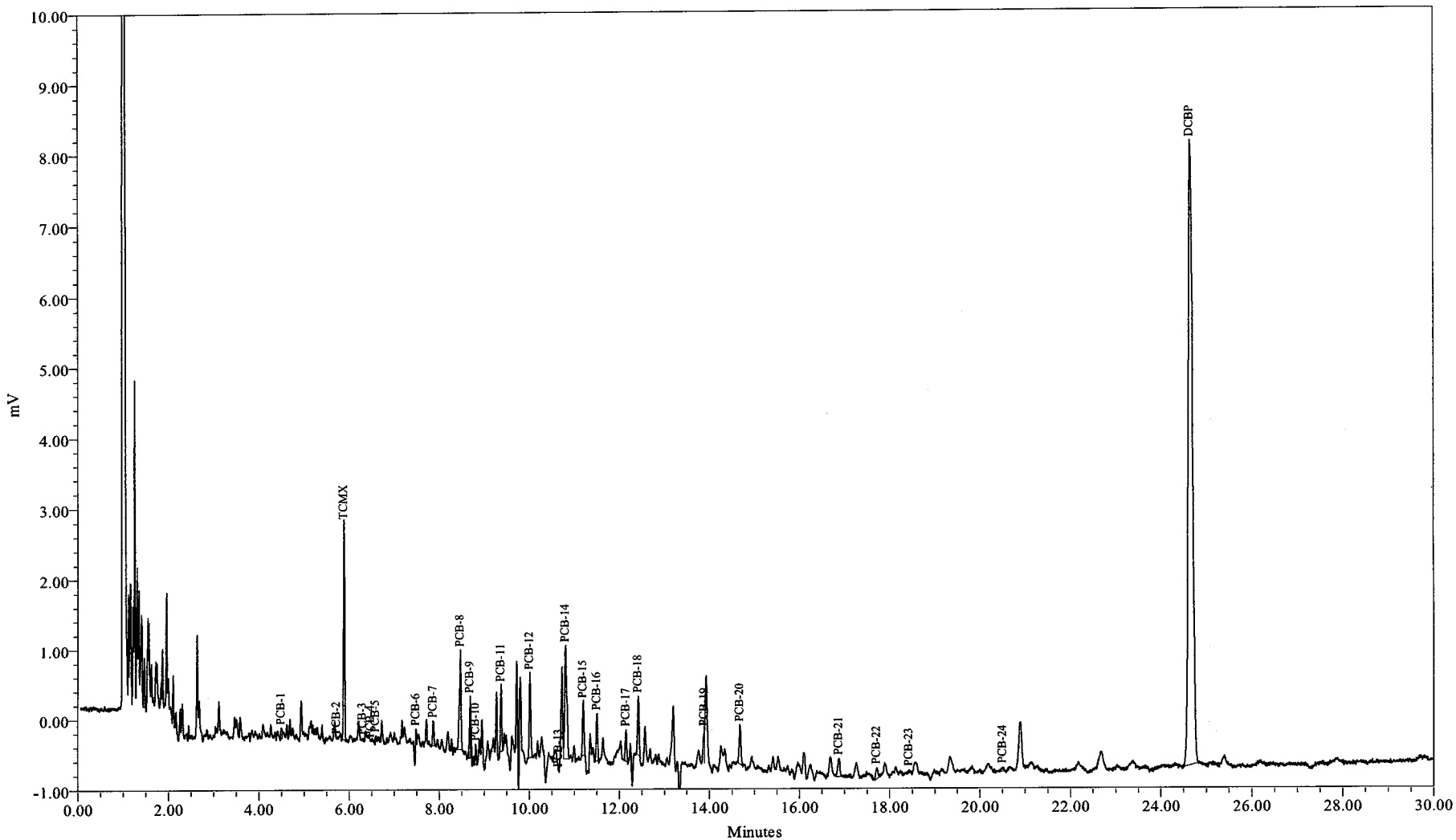

Sample Name:	AL20792	Sample Amount (g) :	4.5350
Sample ID:	P2SL-10B-01	Dilution:	25
Date Acquired:	12/24/2008 07:04:04 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-37

Northeast Analytical, Inc. 08120163.PDF Page 87

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20792	Sample Amount (g) :	4.5350
Sample ID:	P2SL-10B-01	Dilution:	25
Date Acquired:	12/24/2008 7:04:04 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:59:04 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:57 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-37

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bv	250			
2	PCB-2	5.72	bb	11			
3	TCMX	5.89	bb	5068	9.100	91.0	
4	PCB-3	6.30	bb	36			
5	PCB-4	6.48	bb	9			
6	PCB-5	6.59	bb	108			
7	PCB-6	7.49	bv	347			
8	PCB-7	7.87	bb	683			
9	PCB-8	8.47	bb	3558			
10	PCB-9	8.69	vv	1099			
11	PCB-10	8.81	bb	474			
12	PCB-11	9.38	bb	1785			
13	PCB-12	10.01	bb	2801			
14	PCB-13	10.66	bb	6			
15	PCB-14	10.80	Vb	5371			
16	PCB-15	11.20	bb	1743			
17	PCB-16	11.51	bb	1510			
18	PCB-17	12.15	bb	964			
19	PCB-18	12.42	bb	1868			
20	PCB-19	13.89	bv	879			
21	PCB-20	14.68	bb	1510			
22	PCB-21	16.88	bb	859			
23	PCB-22	17.72	bb	521			
24	PCB-23	18.43	bb	104			
25	PCB-24	20.51	bb	193			
26	DCBP	24.65	bb	58475	97.585		97.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	6161	59.821	0.32978	0.110	NR	
2	A1221	414	14.750	0.08131	0.110	NR	
3	A1221-2	403	14.456	0.07969	0.110	NR	
4	A1221-5	306	22.362	0.12327	0.110	NR	
5	A1232	5922	119.388	0.65815	0.110	NR	
6	A1232-8/9	1265	58.402	0.32195	0.110	NR	
7	A1242	6161	69.161	0.38126	0.110	X	AD
8	A1248	11706	131.501	0.72493	0.110	NR	
9	A1248-11/15	8179	141.669	0.78098	0.110	NR	
10	A1248-14/15	4592	108.078	0.59580	0.110	NR	
11	A1254	6731	47.449	0.26157	0.110	X	AF
12	A1254-17/18	3899	44.966	0.24788	0.110	NR	
13	A1254-19/20	4342	55.097	0.30373	0.110	NR	
14	A1254-20	5221	50.559	0.27871	0.110	NR	
15	A1260	3187	15.369	0.08472	0.110	NR	
16	A1260-20	1677	12.457	0.06867	0.110	NR	
17	A1260-23/24	2890	15.707	0.08659	0.110	NR	
18	A1262	3187				NR	
19	A1268	297				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-18
Matrix:	Sediment	Client ID:	P2SD-11A-01
Sample wt(Dry)/vol:	4.4972 g	Lab Sample ID:	AL20793
Percent Moisture:	55.5	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	30
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-38

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	3.34	U
1	11104-28-2	Aroclor 1221	3.34	U
1	11141-16-5	Aroclor 1232	3.34	U
1	53469-21-9	Aroclor 1242	26.3	AD
1	12672-29-6	Aroclor 1248	3.34	U
1	11097-69-1	Aroclor 1254	8.49	AF
1	11096-82-5	Aroclor 1260	3.34	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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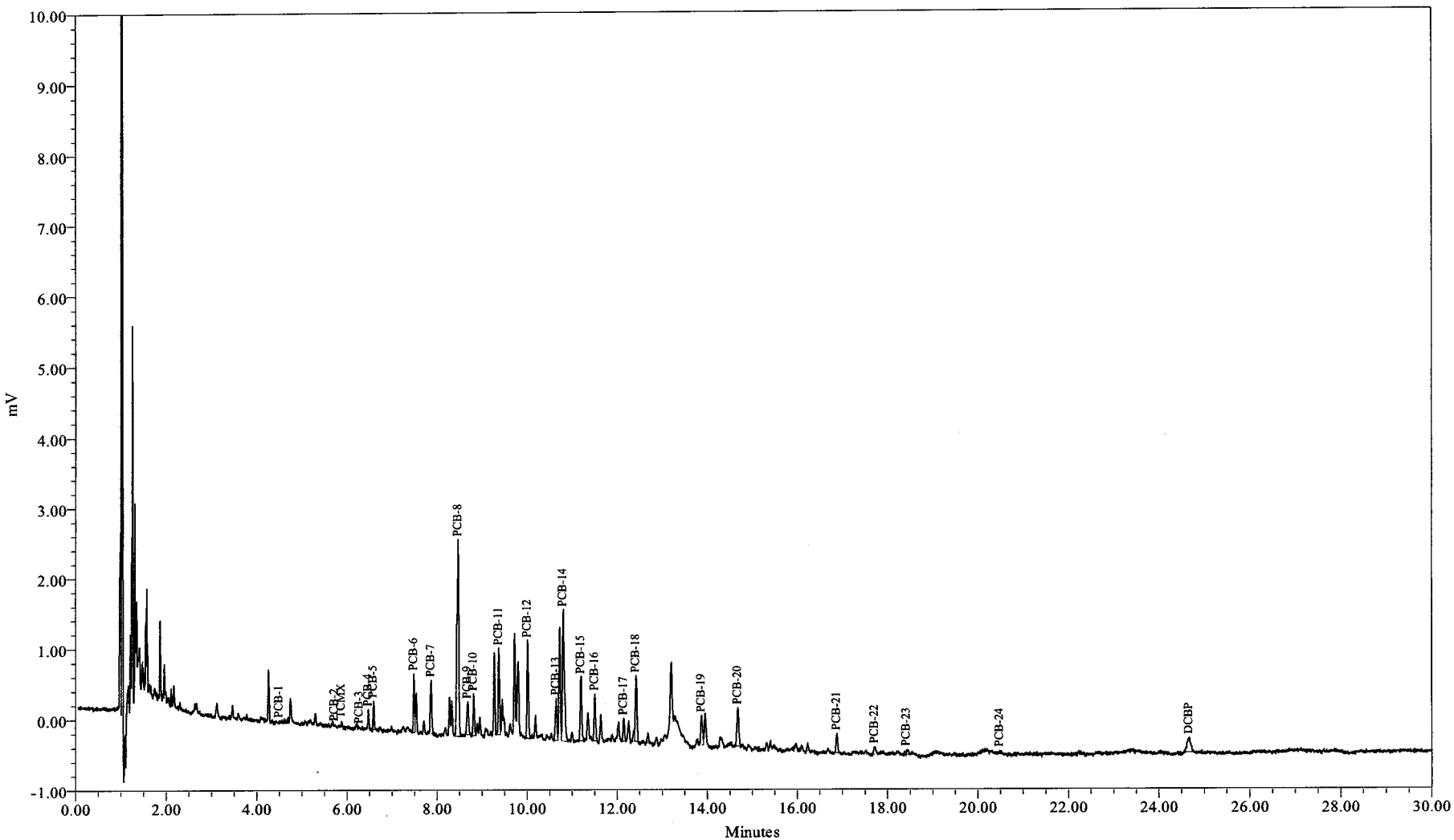

Sample Name:	AL20793	Sample Amount (g) :	4.4970
Sample ID:	P2SD-11A-01	Dilution:	750
Date Acquired:	12/24/2008 07:36:33 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-38

Northeast Analytical, Inc. 08120163.PDF Page 91

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Sample Name:	AL20793	Sample Amount (g) :	4.4970
Sample ID:	P2SD-11A-01	Dilution:	750
Date Acquired:	12/24/2008 7:36:33 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 10:01:08 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:59 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-38

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.50	bb	35			
2	PCB-2	5.73	bb	29			
3	TCMX	5.88	bb	95	0.038	11.4	
4	PCB-3	6.28	bb	10			
5	PCB-4	6.48	bb	410			
6	PCB-5	6.59	bb	673			
7	PCB-6	7.49	bV	1511			
8	PCB-7	7.87	bb	1555			
9	PCB-8	8.47	bb	8175			
10	PCB-9	8.68	bb	1241			
11	PCB-10	8.81	bV	1154			
12	PCB-11	9.38	VV	2484			
13	PCB-12	10.01	bb	3161			
14	PCB-13	10.64	bV	1311			
15	PCB-14	10.80	Vb	5461			
16	PCB-15	11.20	bb	2144			
17	PCB-16	11.50	bb	1490			
18	PCB-17	12.15	bb	746			
19	PCB-18	12.42	vb	2275			
20	PCB-19	13.87	bV	1094			
21	PCB-20	14.68	bb	1601			
22	PCB-21	16.88	bb	668			
23	PCB-22	17.72	bb	363			
24	PCB-23	18.43	bb	217			
25	PCB-24	20.49	bb	111			
26	DCBP	24.67	bb	1194			0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	13637	134.970	22.51004	3.34	NR	
2	A1221	1157	43.335	7.22739	3.34	NR	
3	A1221-2	1127	44.116	7.35750	3.34	NR	
4	A1221-5	484	35.877	5.98345	3.34	NR	
5	A1232	12798	256.630	42.80016	3.34	NR	
6	A1232-8/9	3382	150.995	25.18269	3.34	NR	
7	A1242	13637	157.463	26.26136	3.34	X	AD
8	A1248	14561	163.929	27.33977	3.34	NR	
9	A1248-11/15	9933	172.463	28.76305	3.34	NR	
10	A1248-14/15	6956	165.695	27.63423	3.34	NR	
11	A1254	7206	50.893	8.48787	3.34	X	AF
12	A1254-17/18	4185	48.382	8.06906	3.34	NR	
13	A1254-19/20	4511	57.281	9.55314	3.34	NR	
14	A1254-20	5605	54.279	9.05249	3.34	NR	
15	A1260	2960	14.196	2.36754	3.34	NR	
16	A1260-20	1359	10.275	1.71363	3.34	NR	
17	A1260-23/24	2632	14.082	2.34863	3.34	NR	
18	A1262	2960				NR	
19	A1268	327				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-19
Matrix:	Sediment	Client ID:	P2SD-11B-01
Sample wt(Dry)/vol:	4.5612 g	Lab Sample ID:	AL20794
Percent Moisture:	57.3	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	30
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-39

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

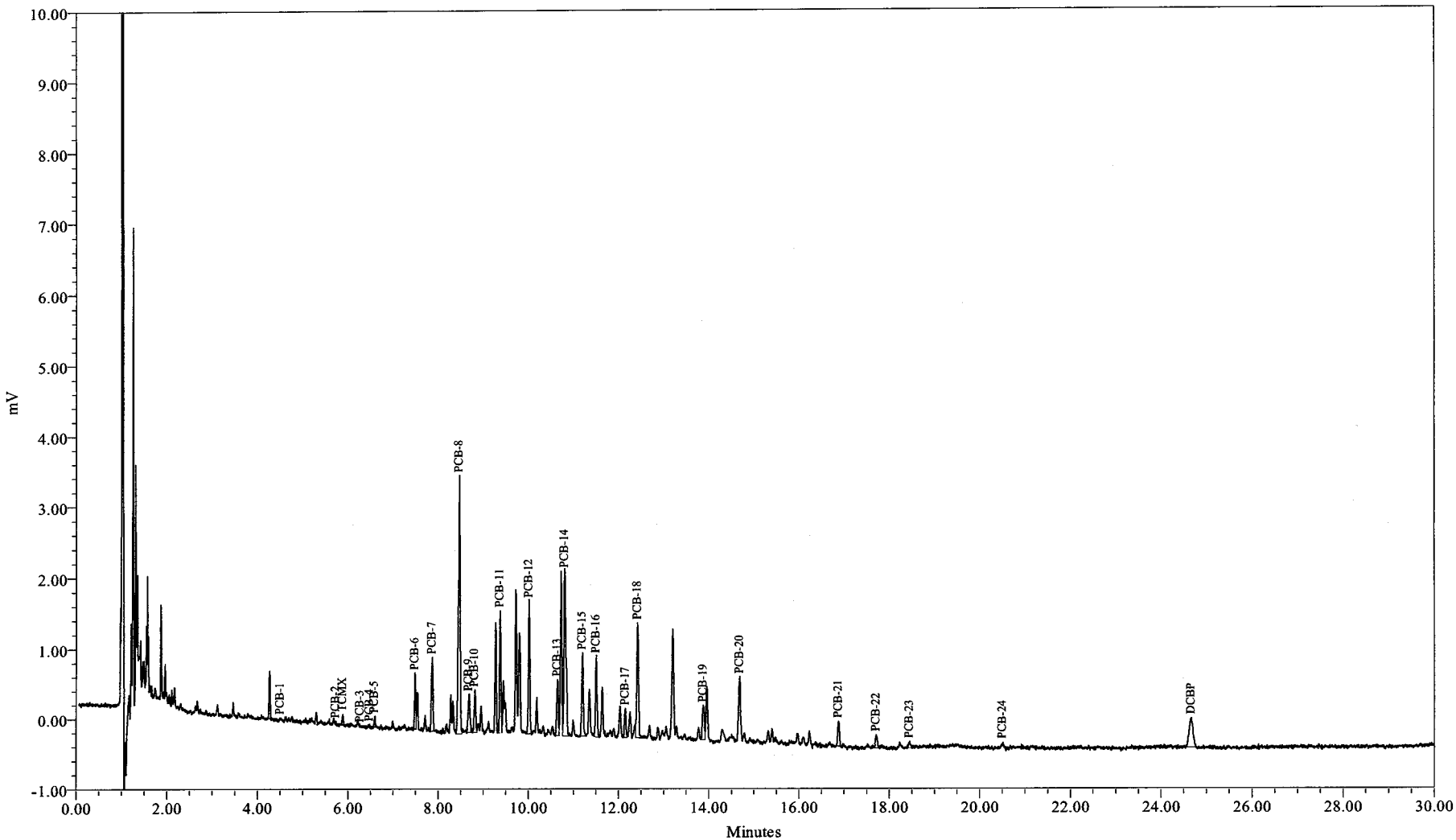
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	3.29	U
1	11104-28-2	Aroclor 1221	3.29	U
1	11141-16-5	Aroclor 1232	3.29	U
1	53469-21-9	Aroclor 1242	31.0	AD
1	12672-29-6	Aroclor 1248	3.29	U
1	11097-69-1	Aroclor 1254	14.1	AF
1	11096-82-5	Aroclor 1260	3.29	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20794	Sample Amount (g) :	4.5610
Sample ID:	P2SD-11B-01	Dilution:	750
Date Acquired:	12/24/2008 08:09:02 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-39

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com

Sample Name:	AL20794	Sample Amount (g) :	4.5610
Sample ID:	P2SD-11B-01	Dilution:	750
Date Acquired:	12/24/2008 8:09:02 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 10:03:29 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:56:00 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-39

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	8			
2	PCB-2	5.73	bb	38			
3	TCMX	5.89	bb	254	0.329	98.6	
4	PCB-3	6.27	bb	13			
5	PCB-4	6.48	bb	48			
6	PCB-5	6.59	bb	265			
7	PCB-6	7.49	bV	1441			
8	PCB-7	7.87	bb	2344			
9	PCB-8	8.47	bv	9597			
10	PCB-9	8.68	Bv	1511			
11	PCB-10	8.81	Bv	1383			
12	PCB-11	9.38	VV	3554			
13	PCB-12	10.01	bb	4324			
14	PCB-13	10.64	bV	1832			
15	PCB-14	10.80	Vb	7378			
16	PCB-15	11.20	bV	2798			
17	PCB-16	11.51	Vb	2716			
18	PCB-17	12.15	bv	950			
19	PCB-18	12.42	vb	4134			
20	PCB-19	13.88	bv	1456			
21	PCB-20	14.68	bb	2783			
22	PCB-21	16.88	bb	955			
23	PCB-22	17.71	bb	558			
24	PCB-23	18.45	bb	236			
25	PCB-24	20.51	bb	205			
26	DCBP	24.67	bb	2495	1.528		45.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	16276	161.496	26.55599	3.29	NR	
2	A1221	372	13.139	2.16047	3.29	NR	
3	A1221-2	334	11.629	1.91223	3.29	NR	
4	A1221-5	107	7.245	1.19136	3.29	NR	
5	A1232	15100	302.559	49.75215	3.29	NR	
6	A1232-8/9	3992	177.672	29.21600	3.29	NR	
7	A1242	16276	188.632	31.01812	3.29	X	AD
8	A1248	19886	224.407	36.90093	3.29	NR	
9	A1248-11/15	13534	235.676	38.75402	3.29	NR	
10	A1248-14/15	9710	232.798	38.28069	3.29	NR	
11	A1254	12039	85.941	14.13190	3.29	X	AF
12	A1254-17/18	6955	81.476	13.39773	3.29	NR	
13	A1254-19/20	7800	99.760	16.40425	3.29	NR	
14	A1254-20	9255	89.636	14.73954	3.29	NR	
15	A1260	4738	23.381	3.84477	3.29	NR	
16	A1260-20	1955	14.364	2.36206	3.29	NR	
17	A1260-23/24	4297	24.592	4.04392	3.29	NR	
18	A1262	4738				NR	
19	A1268	441				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-20
Matrix:	Sediment	Client ID:	P2SD-12A-01
Sample wt(Dry)/vol:	5.6223 g	Lab Sample ID:	AL20795
Percent Moisture:	44.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	30
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-40

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

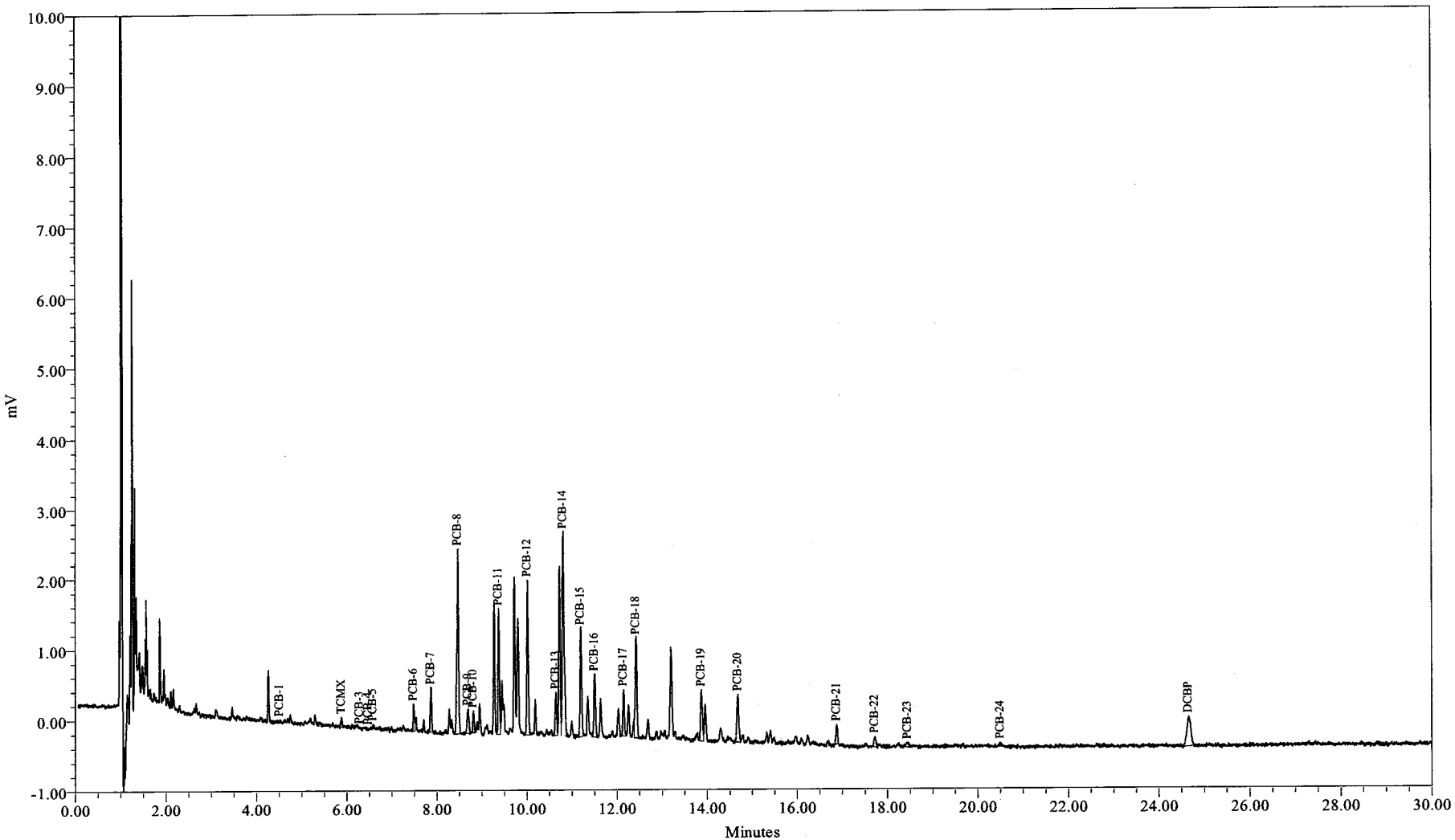
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	2.67	U
1	11104-28-2	Aroclor 1221	2.67	U
1	11141-16-5	Aroclor 1232	2.67	U
1	53469-21-9	Aroclor 1242	15.4	AD
1	12672-29-6	Aroclor 1248	2.67	U
1	11097-69-1	Aroclor 1254	11.0	AF
1	11096-82-5	Aroclor 1260	2.67	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20795	Sample Amount (g) :	5.6220
Sample ID:	P2SD-12A-01	Dilution:	750
Date Acquired:	12/24/2008 08:41:31 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-40

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com

Sample Name:	AL20795	Sample Amount (g) :	5.6220
Sample ID:	P2SD-12A-01	Dilution:	750
Date Acquired:	12/24/2008 8:41:31 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 10:06:33 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:56:02 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-40

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.52	bb	59			
2	TCMX	5.88	bb	264	0.346	104	
3	PCB-3	6.29	bb	12			
4	PCB-4	6.48	bb	34			
5	PCB-5	6.58	bb	89			
6	PCB-6	7.49	bV	760			
7	PCB-7	7.87	bv	1195			
8	PCB-8	8.47	bb	6513			
9	PCB-9	8.69	bb	947			
10	PCB-10	8.82	bb	636			
11	PCB-11	9.38	VV	3682			
12	PCB-12	10.02	bb	5072			
13	PCB-13	10.64	bV	1376			
14	PCB-14	10.80	Vb	8184			
15	PCB-15	11.20	bv	3663			
16	PCB-16	11.50	bb	2211			
17	PCB-17	12.15	bV	1578			
18	PCB-18	12.43	vb	3634			
19	PCB-19	13.87	bV	2033			
20	PCB-20	14.68	bv	2114			
21	PCB-21	16.88	bb	681			
22	PCB-22	17.72	bb	428			
23	PCB-23	18.45	bb	285			
24	PCB-24	20.50	bb	124			
25	DCBP	24.66	bb	2623	1.747		52.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	10051	98.921	13.19655	2.67	NR	
2	A1221	194	6.284	0.83829	2.67	NR	
3	A1221-2	194	5.903	0.78745	2.67	NR	
4	A1221-5	105	7.072	0.94350	2.67	NR	
5	A1232	9379	188.395	25.13269	2.67	NR	
6	A1232-8/9	1920	87.037	11.61111	2.67	NR	
7	A1242	10051	115.105	15.35548	2.67	X	AD
8	A1248	21977	248.160	33.10565	2.67	NR	
9	A1248-11/15	14632	254.954	34.01207	2.67	NR	
10	A1248-14/15	10130	243.032	32.42152	2.67	NR	
11	A1254	11569	82.537	11.01082	2.67	X	AF
12	A1254-17/18	6357	74.334	9.91651	2.67	NR	
13	A1254-19/20	7423	94.888	12.65848	2.67	NR	
14	A1254-20	9455	91.572	12.21608	2.67	NR	
15	A1260	3634	17.676	2.35805	2.67	NR	
16	A1260-20	1519	11.377	1.51772	2.67	NR	
17	A1260-23/24	3224	17.819	2.37707	2.67	NR	
18	A1262	3634				NR	
19	A1268	409				NR	

Analytical Sequence

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 08120163

ELAP ID No: 11078

Instrument ID: GC18F Init. Calib. Date(s): 11/25/2008,11/26/2008

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID:0.25mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.89 DCBP RT: 24.67

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
01	A1016 20 PPB	112516A	GC18F-752-3	11/25/2008 15:38:37		
02	A1016 100 PPB	112516B	GC18F-752-4	11/25/2008 16:11:06		
03	A1016 250 PPB	112516C	GC18F-752-5	11/25/2008 16:43:37		
04	A1016 500 PPB	112516D	GC18F-752-6	11/25/2008 17:16:07		
05	A1016 1000 PPB	112516E	GC18F-752-7	11/25/2008 17:48:37		
06	A1221 20 PPB	112521A	GC18F-752-8	11/25/2008 18:21:07		
07	A1221 100 PPB	112521B	GC18F-752-9	11/25/2008 18:53:37		
08	A1221 250 PPB	112521C	GC18F-752-10	11/25/2008 19:26:06		
09	A1221 500 PPB	112521D	GC18F-752-11	11/25/2008 19:58:37		
10	A1221 1000 PPB	112521E	GC18F-752-12	11/25/2008 20:31:07		
11	A1232 20 PPB	112532A	GC18F-752-13	11/25/2008 21:03:37		
12	A1232 100 PPB	112532B	GC18F-752-14	11/25/2008 21:36:06		
13	A1232 250 PPB	112532C	GC18F-752-15	11/25/2008 22:08:36		
14	A1232 500 PPB	112532D	GC18F-752-16	11/25/2008 22:41:04		
15	A1232 1000 PPB	112532E	GC18F-752-17	11/25/2008 23:13:34		
16	A1242 20 PPB	112542A	GC18F-752-18	11/25/2008 23:46:04		
17	A1242 100 PPB	112542B	GC18F-752-19	11/26/2008 00:18:33		
18	A1242 250 PPB	112542C	GC18F-752-20	11/26/2008 00:51:01		
19	A1242 500 PPB	112542D	GC18F-752-21	11/26/2008 01:23:31		
20	A1242 1000 PPB	112542E	GC18F-752-22	11/26/2008 01:56:01		
21	A1248 20 PPB	112548A	GC18F-752-23	11/26/2008 02:28:30		
22	A1248 100 PPB	112548B	GC18F-752-24	11/26/2008 03:01:00		
23	A1248 250 PPB	112548C	GC18F-752-25	11/26/2008 03:33:30		
24	A1248 500 PPB	112548D	GC18F-752-26	11/26/2008 04:06:00		
25	A1248 1000 PPB	112548E	GC18F-752-27	11/26/2008 04:38:30		
26	A1254 20 PPB	112554A	GC18F-752-28	11/26/2008 05:11:00	5.89	24.67
27	A1254 100 PPB	112554B	GC18F-752-29	11/26/2008 05:43:29	5.89	24.68
28	A1254 250 PPB	112554C	GC18F-752-30	11/26/2008 06:15:58	5.89	24.68
29	A1254 500 PPB	112554D	GC18F-752-31	11/26/2008 06:48:27	5.89	24.67
30	A1254 1000 PPB	112554E	GC18F-752-32	11/26/2008 07:20:56	5.89	24.67
31	A1260 20 PPB	112560A	GC18F-752-33	11/26/2008 07:53:25		
32	A1260 100 PPB	112560B	GC18F-752-34	11/26/2008 08:25:54		
33	A1260 250 PPB	112560C	GC18F-752-35	11/26/2008 08:58:24		
34	A1260 500 PPB	112560D	GC18F-752-36	11/26/2008 09:30:53		
35	A1260 1000 PPB	112560E	GC18F-752-37	11/26/2008 10:03:23		
36	A1016 500 PPB	CS161125A	GC18F-752-39	11/26/2008 11:08:21	5.89	24.67
37	A1221 500 PPB	CS211125A	GC18F-752-40	11/26/2008 11:40:50	5.89	24.67
38	A1232 500 PPB	CS321125A	GC18F-752-41	11/26/2008 12:13:21	5.89	24.67

FORM VIII-CLP-PCB(NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 08120163

ELAP ID No: 11078

Instrument ID: GC18F Init. Calib. Date(s): 11/25/2008,11/26/2008

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID:0.25mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.89 DCBP RT: 24.67

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
39	A1242 500 PPB	CS421125A	GC18F-752-42	11/26/2008 12:45:49	5.89	24.68
40	A1248 500 PPB	CS481125A	GC18F-752-43	11/26/2008 13:18:18	5.89	24.68
41	A1254 500 PPB	CS541125A	GC18F-752-44	11/26/2008 13:50:48	5.89	24.67
42	A1260 500 PPB	CS601125A	GC18F-752-45	11/26/2008 14:23:17	5.89	24.67
43	A1232 500 PPB	CS321223A	GC18F-770-14	12/23/2008 18:36:58	5.89	24.66
44	METHOD BLANK	AL20785B	GC18F-770-15	12/23/2008 19:09:27	5.89	24.65
45	LAB CONTROL SPIKE	AL20785L	GC18F-770-16	12/23/2008 19:41:55	5.88	24.65
46	P2SD-1A-01	AL20776	GC18F-770-17	12/23/2008 20:14:24	5.89	24.66
47	P2SD-1B-01	AL20777	GC18F-770-18	12/23/2008 20:46:53	5.89	24.66
48	P2SD-2A-01	AL20778	GC18F-770-19	12/23/2008 21:19:23	5.89	24.66
49	P2SD-2B-01	AL20779	GC18F-770-20	12/23/2008 21:51:52	5.88	24.66
50	P2SL-3A-01	AL20780	GC18F-770-21	12/23/2008 22:24:21	5.89	24.65
51	P2SD-4A-01	AL20781	GC18F-770-22	12/23/2008 22:56:51	5.89	24.66
52	P2SD-4B-01	AL20782	GC18F-770-23	12/23/2008 23:29:20	5.89	24.66
53	A1242 500 PPB	CS421223A	GC18F-770-24	12/24/2008 00:01:50	5.89	24.66
54	P2SD-5A-01	AL20783	GC18F-770-25	12/24/2008 00:34:18	5.89(D)	24.66(D)
55	P2SD-5B-01	AL20784	GC18F-770-26	12/24/2008 01:06:47	5.89(D)	24.65(D)
56	P2SD-6A-01	AL20785	GC18F-770-27	12/24/2008 01:39:16	5.89	24.66
57	P2SD-6A-01 MS	AL20785M	GC18F-770-28	12/24/2008 02:11:45	5.89(D)	24.65(D)
58	P2SD-6A-01 MSD	AL20785K	GC18F-770-29	12/24/2008 02:44:15	5.89(D)	24.65(D)
59	P2SD-6A-03	AL20786	GC18F-770-30	12/24/2008 03:16:44	5.89	24.66
60	P2SD-7A-01	AL20787	GC18F-770-31	12/24/2008 03:49:13	5.89	24.66
61	P2SD-7B-01	AL20788	GC18F-770-32	12/24/2008 04:21:41	5.89	24.66
62	P2SD-8A-01	AL20789	GC18F-770-33	12/24/2008 04:54:08	5.89	24.66
63	A1248 500 PPB	CS481223A	GC18F-770-34	12/24/2008 05:26:36	5.89	24.66
64	P2SD-9A-01	AL20790	GC18F-770-35	12/24/2008 05:59:06	5.89	24.66
65	P2SL-10A-01	AL20791	GC18F-770-36	12/24/2008 06:31:35	5.88(D)	24.66(D)
66	P2SL-10B-01	AL20792	GC18F-770-37	12/24/2008 07:04:04	5.89	24.65
67	P2SD-11A-01	AL20793	GC18F-770-38	12/24/2008 07:36:33	5.88(D)	24.67(D)
68	P2SD-11B-01	AL20794	GC18F-770-39	12/24/2008 08:09:02	5.89(D)	24.67(D)
69	P2SD-12A-01	AL20795	GC18F-770-40	12/24/2008 08:41:31	5.88(D)	24.66(D)
70	ZZZZZ	ZZZZZ	GC18F-770-42	12/24/2008 09:46:28	5.89	24.66
71	ZZZZZ	ZZZZZ	GC18F-770-43	12/24/2008 10:18:56	5.89(D)	24.66(D)
72	A1254 500 PPB	CS541223A	GC18F-770-44	12/24/2008 10:51:25	5.89	24.67

FORM VIII-CLP-PCB(NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

Initial Calibration Data

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 08120163
ELAP ID No: 11078
Date(s) Analyzed: 11/25/2008,11/26/2008
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID:0.25mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC18F-752-3	112516A	20.0	102.400		
	GC18F-752-4	112516B	100	103.043		
	GC18F-752-5	112516C	250	105.701		
	GC18F-752-6	112516D	500	103.988		
	GC18F-752-7	112516E	1000	96.317	102.290	3.5
Aroclor 1221	GC18F-752-8	112521A	20.0	27.114		
	GC18F-752-9	112521B	100	26.578		
	GC18F-752-10	112521C	250	26.276		
	GC18F-752-11	112521D	500	26.056		
	GC18F-752-12	112521E	1000	25.926	26.390	1.8
Aroclor 1232	GC18F-752-13	112532A	20.0	46.933		
	GC18F-752-14	112532B	100	50.088		
	GC18F-752-15	112532C	250	48.749		
	GC18F-752-16	112532D	500	50.944		
	GC18F-752-17	112532E	1000	49.789	49.301	3.1
Aroclor 1242	GC18F-752-18	112542A	20.0	94.378		
	GC18F-752-19	112542B	100	89.799		
	GC18F-752-20	112542C	250	89.619		
	GC18F-752-21	112542D	500	86.772		
	GC18F-752-22	112542E	1000	83.197	88.753	4.7
Aroclor 1248	GC18F-752-23	112548A	20.0	95.033		
	GC18F-752-24	112548B	100	87.296		
	GC18F-752-25	112548C	250	89.470		
	GC18F-752-26	112548D	500	89.520		
	GC18F-752-27	112548E	1000	87.524	89.769	3.5
Aroclor 1254	GC18F-752-28	112554A	20.0	140.755		
	GC18F-752-29	112554B	100	140.360		
	GC18F-752-30	112554C	250	146.038		
	GC18F-752-31	112554D	500	138.953		
	GC18F-752-32	112554E	1000	135.965	140.414	2.6
Aroclor 1260	GC18F-752-33	112560A	20.0	198.648		
	GC18F-752-34	112560B	100	198.584		
	GC18F-752-35	112560C	250	194.670		
	GC18F-752-36	112560D	500	199.429		
	GC18F-752-37	112560E	1000	190.910	196.448	1.8
TCMX	GC18F-752-28	112554A	2.00	579.938		
	GC18F-752-29	112554B	5.00	569.311		
	GC18F-752-30	112554C	8.00	561.301		
	GC18F-752-31	112554D	10.0	554.058		
	GC18F-752-32	112554E	20.0	551.315	563.184	2.1

FORM VI-CLP-PCB(NEA)

Print Date:01/07/2009
Nea Lims Version : 4.4.2.2

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 08120163
ELAP ID No: 11078
Date(s) Analyzed: 11/25/2008,11/26/2008
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID:0.25mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
DCBP	GC18F-752-28	112554A	20.0	656.569		
	GC18F-752-29	112554B	50.0	621.526		
	GC18F-752-30	112554C	80.0	602.310		
	GC18F-752-31	112554D	100	601.105		
	GC18F-752-32	112554E	200	588.851	614.072	4.3

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component
Summary Table
Component Summary For RF

	Sample Name	A1016
1	112516A	102.3996
2	112516B	103.0428
3	112516C	105.7006
4	112516D	103.9875
5	112516E	96.3173
Mean		102.290
Std. Dev.		3.562
%RSD		3.48

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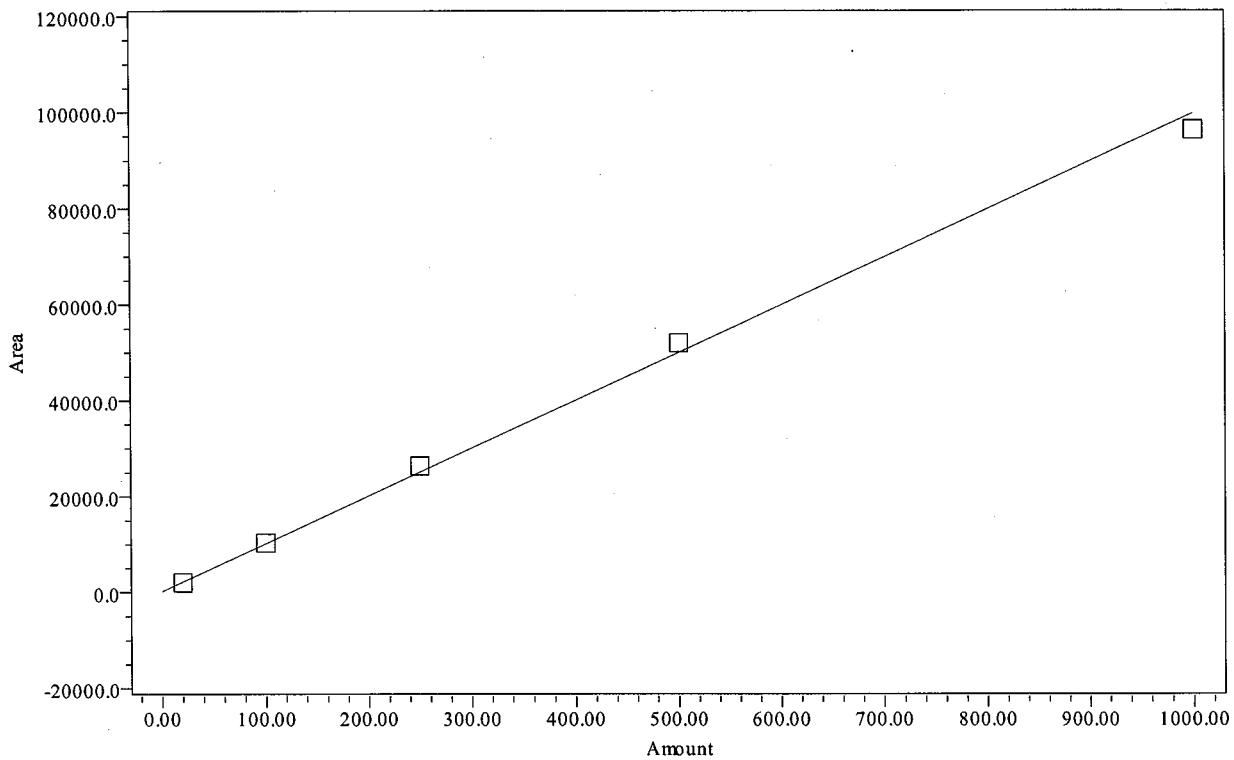
Name:	A1016	Coefficient constant A:	209.042175
System Name:	Instrument_18_Ch01	Coefficient first Order B:	99.488410
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999045
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998092

Calibration Curve



Point Table
Peak: A1016

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1016	20.00	2048	18.5	-7.580	No	No
2	A1016	100.00	10304	101.5	1.471	No	No
3	A1016	250.00	26425	263.5	5.404	No	No
4	A1016	500.00	51994	520.5	4.102	No	No
5	A1016	1000.00	96317	966.0	-3.397	No	No

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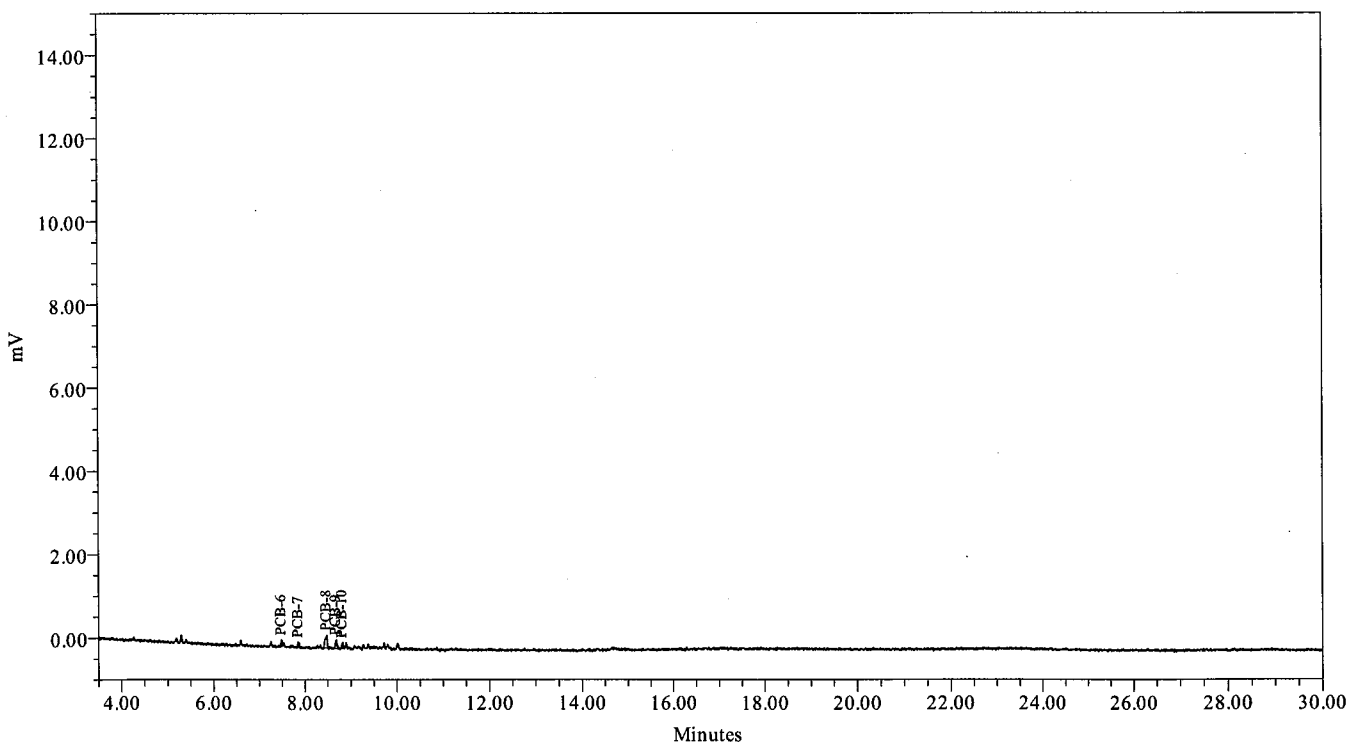
Sample Name:	112516A	Sample Amount:	1
Sample ID:	A1016 20 PPB	Dilution:	1
Date Acquired:	11/25/2008 15:38:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:35:56 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:01:17 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.490	bb	224
2	PCB-7	7.860	bb	281
3	PCB-8	8.476	bb	940
4	PCB-9	8.682	bv	363
5	PCB-10	8.819	bb	240

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	2048	20.000
2	A1232	1824	
3	A1232-8/9	521	
4	A1242	2048	



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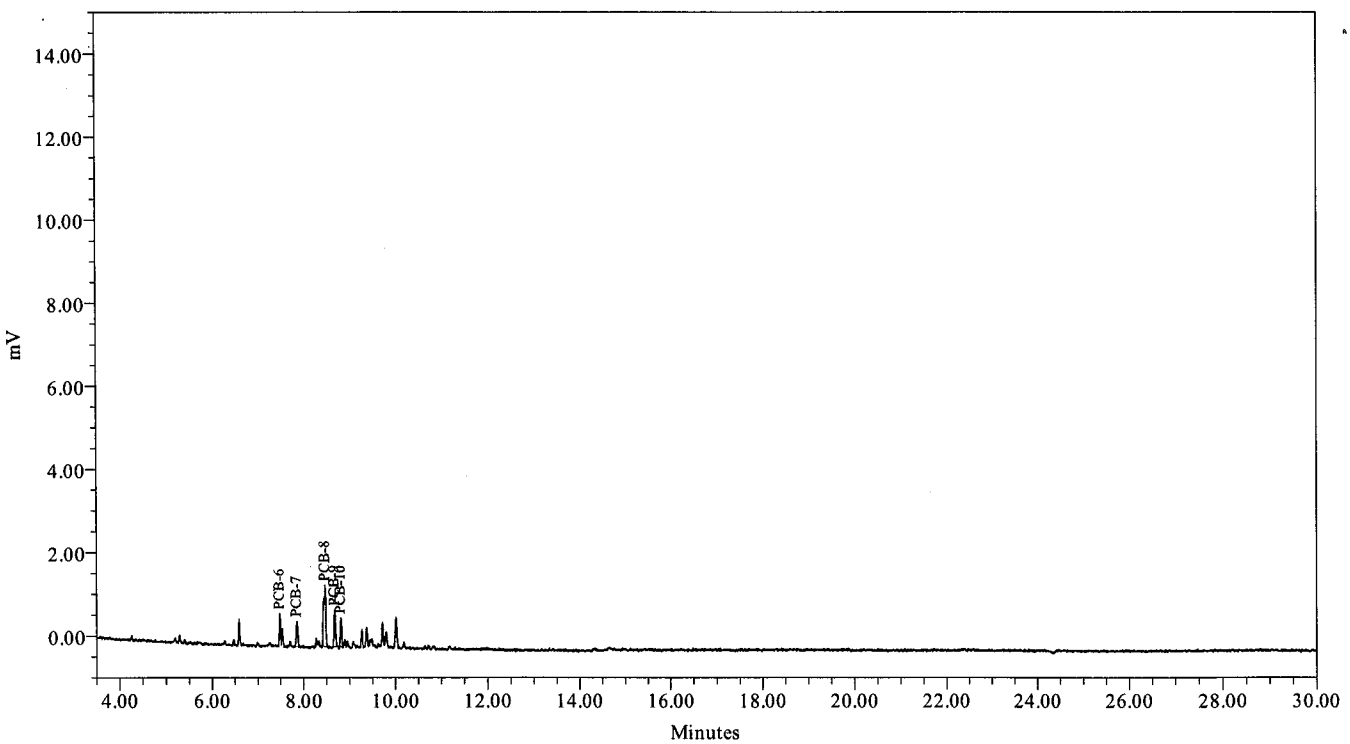
Sample Name:	112516B	Sample Amount:	1
Sample ID:	A1016 100 PPB	Dilution:	1
Date Acquired:	11/25/2008 16:11:06 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:33:52 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:01:44 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.489	bV	1300
2	PCB-7	7.861	bb	1352
3	PCB-8	8.475	bb	4634
4	PCB-9	8.681	bb	1779
5	PCB-10	8.818	bb	1239

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	10304	100.000
2	A1232	9004	
3	A1232-8/9	2590	
4	A1242	10304	



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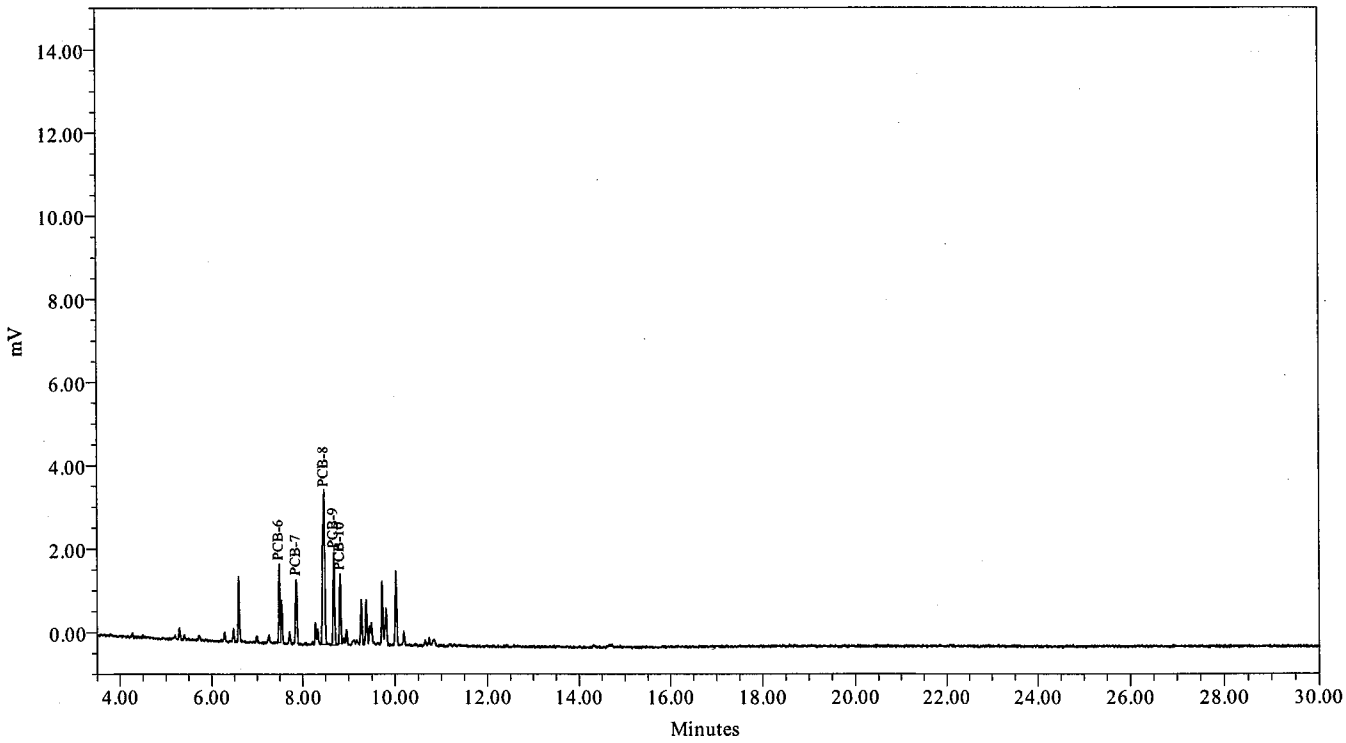
Sample Name:	112516C	Sample Amount:	1
Sample ID:	A1016 250 PPB	Dilution:	1
Date Acquired:	11/25/2008 16:43:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:34:13 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:01:46 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.496	bV	3271
2	PCB-7	7.869	bb	3357
3	PCB-8	8.482	bb	11768
4	PCB-9	8.689	bb	4773
5	PCB-10	8.825	bb	3256

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	26425	250.000
2	A1232	23154	
3	A1232-8/9	6613	
4	A1242	26425	



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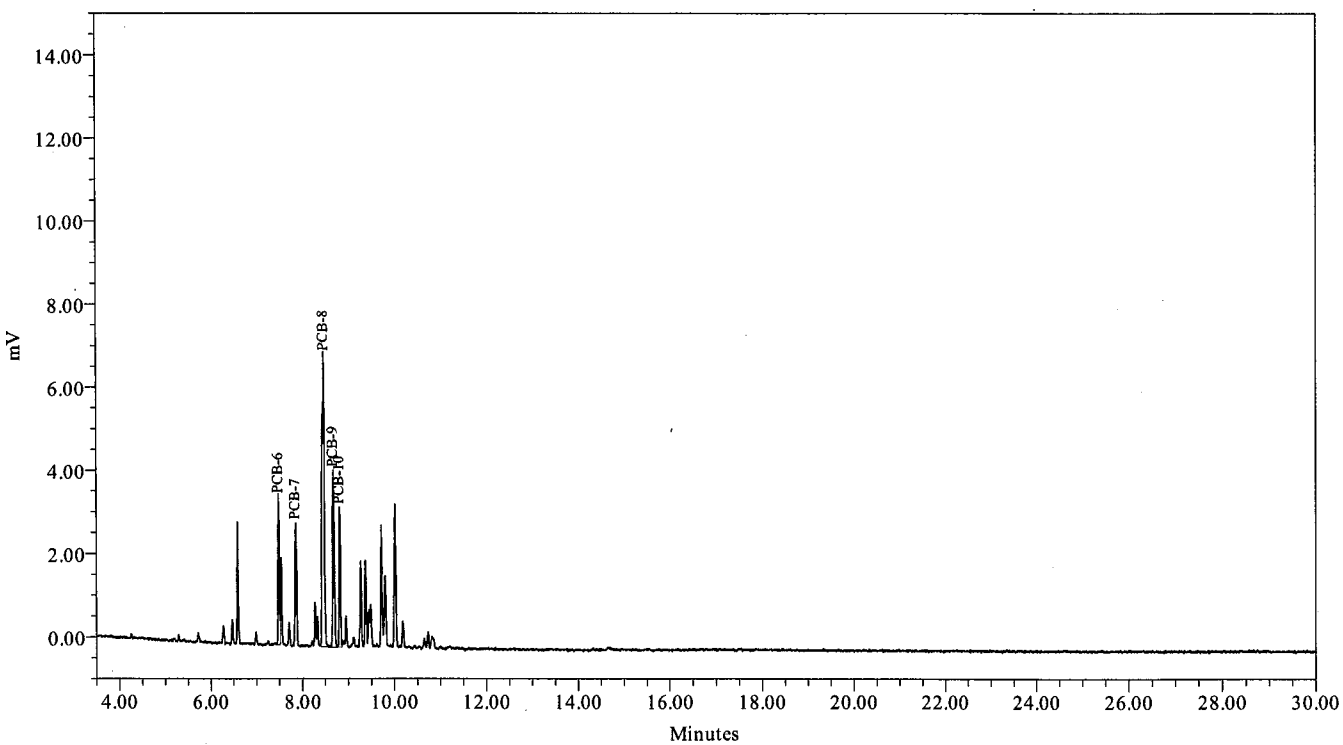
Sample Name:	112516D	Sample Amount:	1
Sample ID:	A1016 500 PPB	Dilution:	1
Date Acquired:	11/25/2008 17:16:07 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:34:27 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:02:06 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.488	bV	6433
2	PCB-7	7.862	bb	6789
3	PCB-8	8.474	bV	22780
4	PCB-9	8.681	VV	9445
5	PCB-10	8.818	VV	6548

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	51994	500.000
2	A1232	45561	
3	A1232-8/9	13337	
4	A1242	51994	



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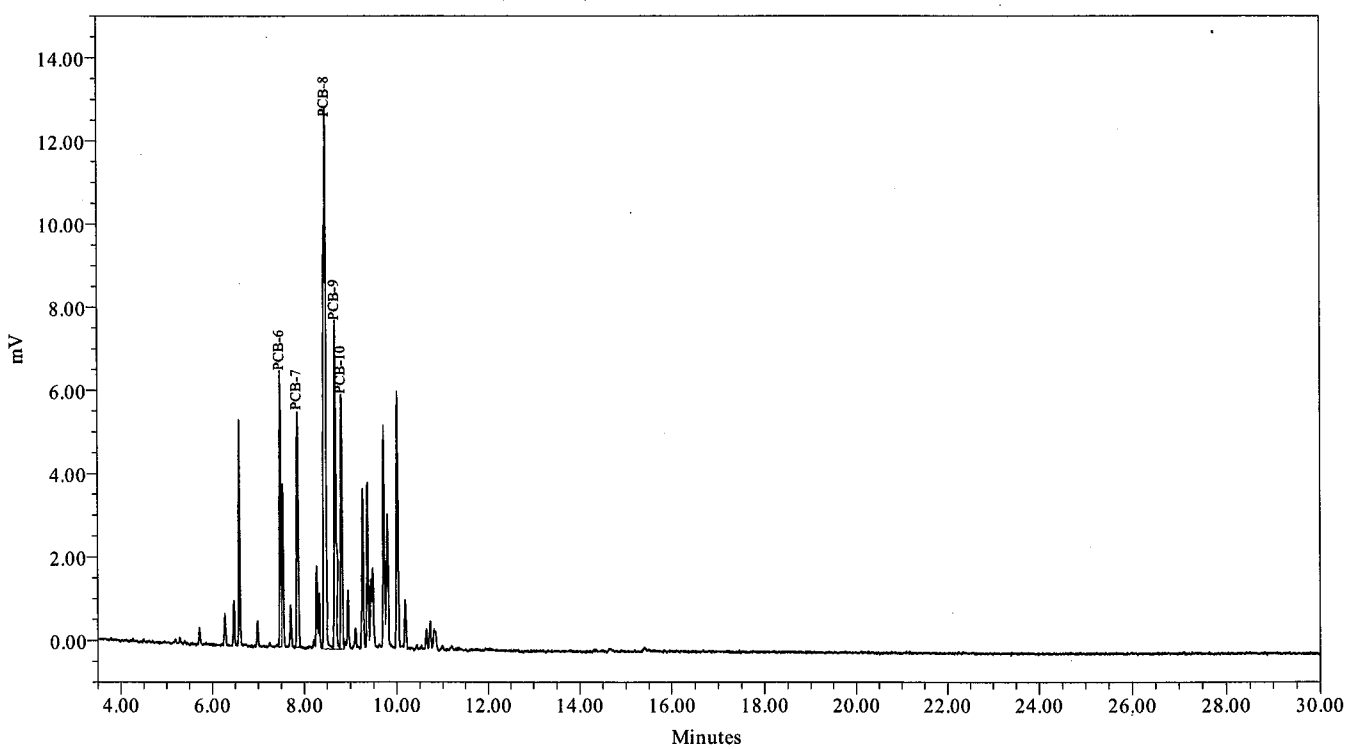
Sample Name:	112516E	Sample Amount:	1
Sample ID:	A1016 1000 PPB	Dilution:	1
Date Acquired:	11/25/2008 17:48:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:35:38 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:02:10 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.489	bV	12083
2	PCB-7	7.861	bb	12556
3	PCB-8	8.475	VV	42190
4	PCB-9	8.681	VV	17300
5	PCB-10	8.819	VV	12188

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	96317	1000.000
2	A1232	84234	
3	A1232-8/9	24744	
4	A1242	96317	



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1221-5	A1221-2	A1221
1	112521A	13.7160	26.1816	27.1144
2	112521B	13.4861	25.3507	26.5776
3	112521C	13.0033	25.1121	26.2763
4	112521D	13.2056	24.4483	26.0564
5	112521E	13.1887	24.3428	25.9263
Mean		13.320	25.087	26.390
Std. Dev.		0.281	0.747	0.474
% RSD		2.11	2.98	1.80

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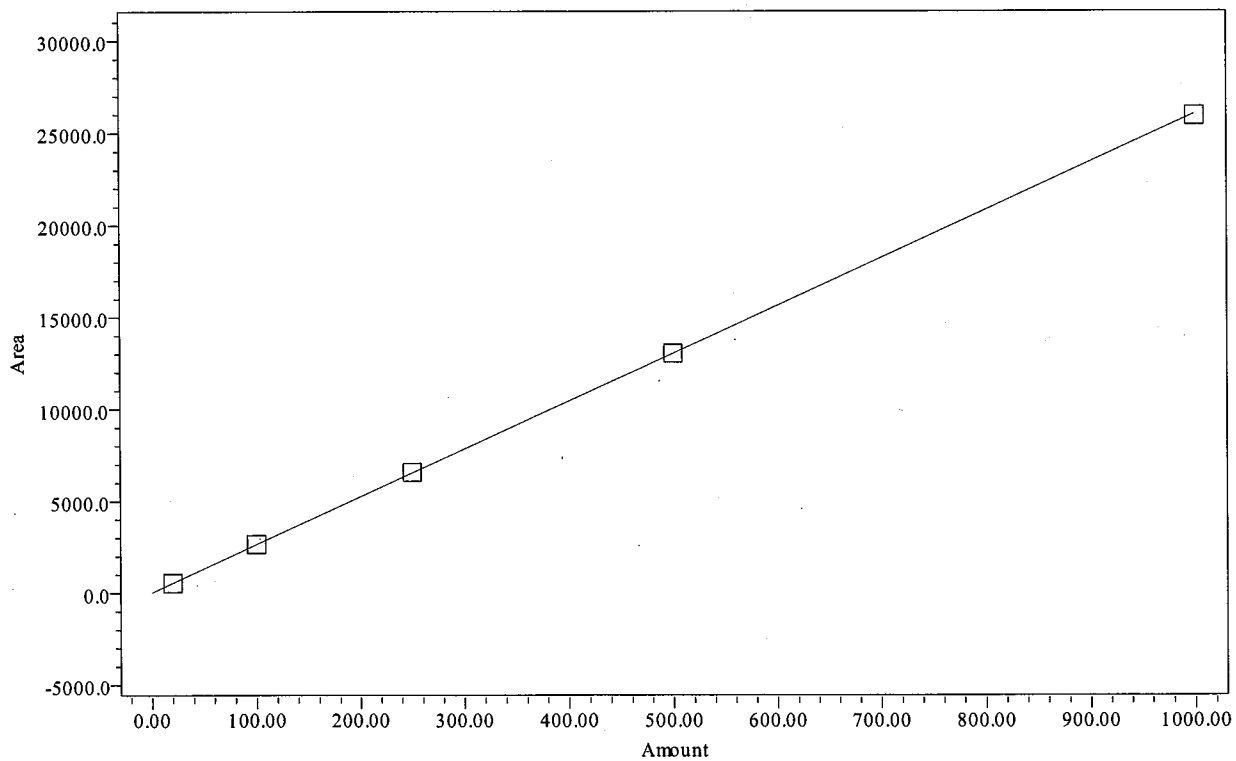
Name:	A1221	Coefficient constant A:	31.213008
System Name:	Instrument_18_Ch01	Coefficient first Order B:	25.971932
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999987
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999974

Calibration Curve



Point Table
Peak: A1221

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221	20.00	542	19.7	-1.610	No	No
2	A1221	100.00	2658	101.1	1.130	No	No
3	A1221	250.00	6569	251.7	0.691	No	No
4	A1221	500.00	13028	500.4	0.085	No	No
5	A1221	1000.00	25926	997.0	-0.296	No	No

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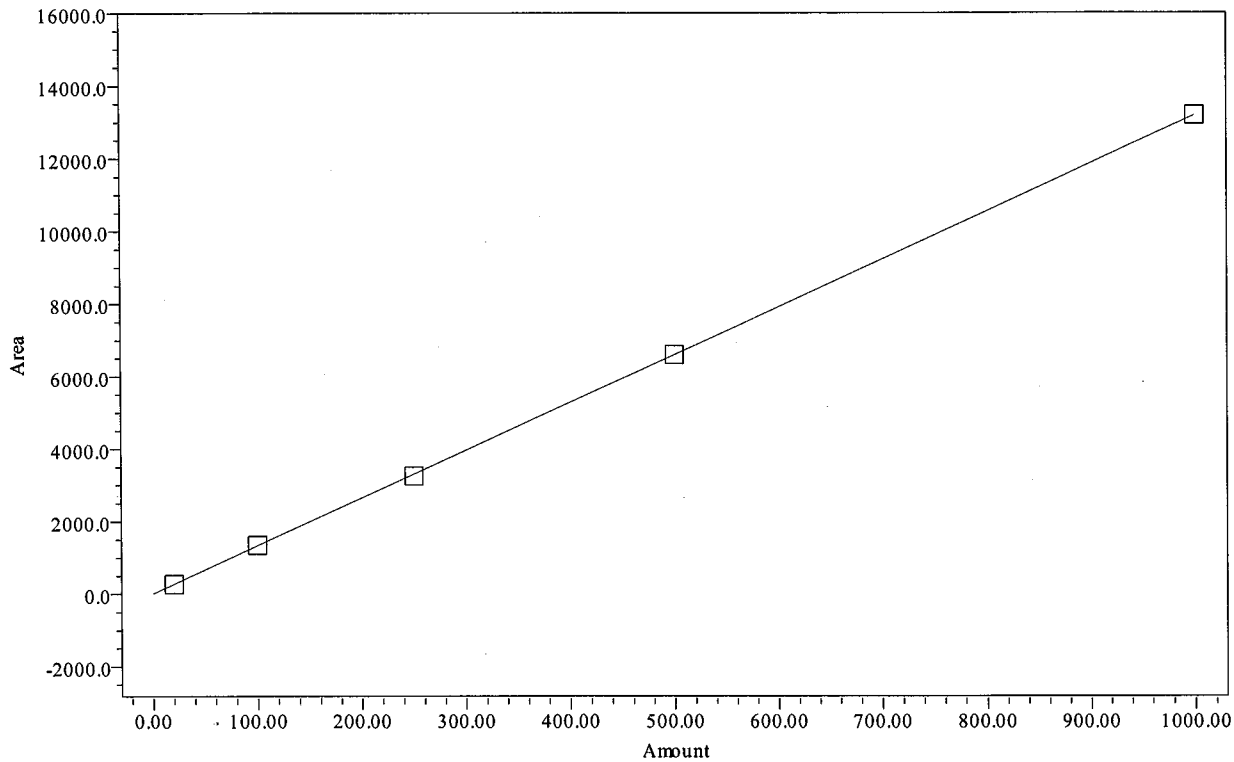
Name:	A1221-5	Coefficient constant A:	12.115885
System Name:	Instrument_18_Ch01	Coefficient first Order B:	13.157611
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999971
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999941

Calibration Curve



Point Table
Peak: A1221-5

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221-5	20.00	274	19.9	-0.360	No	No
2	A1221-5	100.00	1349	101.6	1.576	No	No
3	A1221-5	250.00	3251	246.1	-1.541	No	No
4	A1221-5	500.00	6603	500.9	0.181	No	No
5	A1221-5	1000.00	13189	1001.4	0.144	No	No

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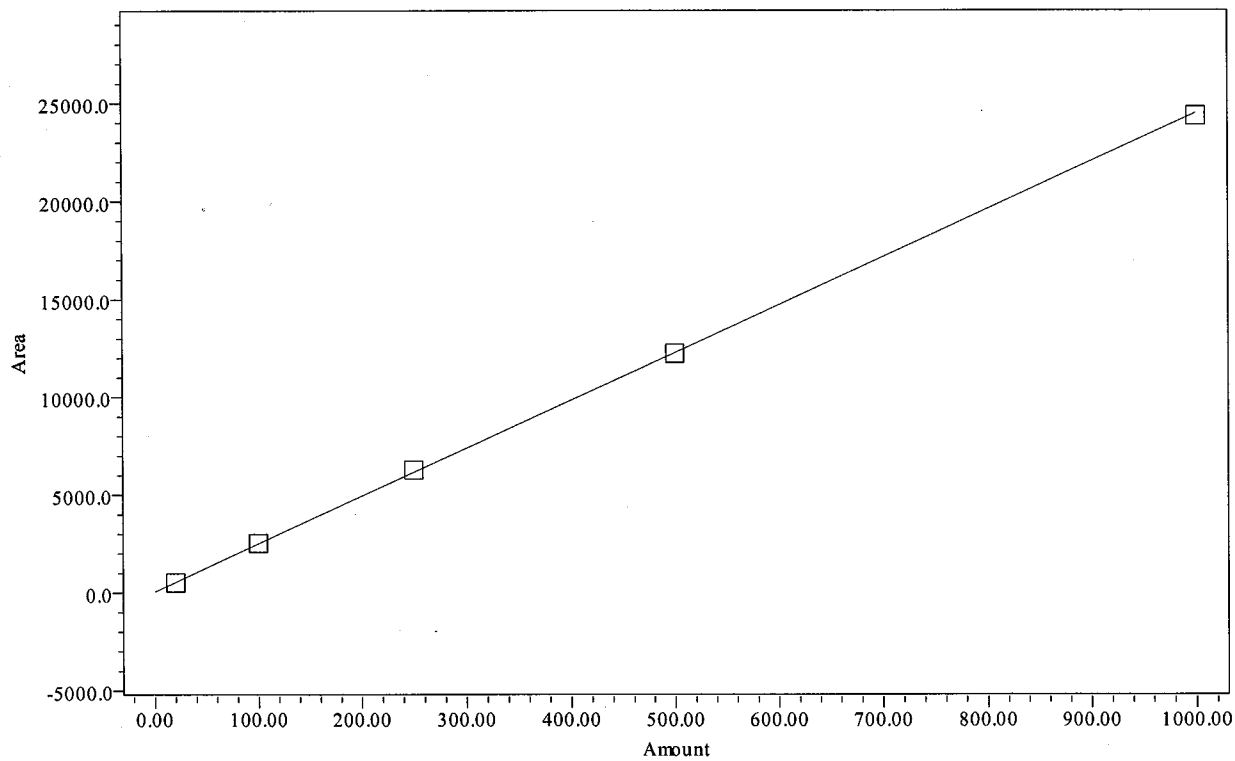
Name:	A1221-2	Coefficient constant A:	50.314363
System Name:	Instrument_18_Ch01	Coefficient first Order B:	24.412898
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999939
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999878

Calibration Curve



Point Table
Peak: A1221-2

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221-2	20.00	524	19.4	-3.060	No	No
2	A1221-2	100.00	2535	101.8	1.781	No	No
3	A1221-2	250.00	6278	255.1	2.040	No	No
4	A1221-2	500.00	12224	498.7	-0.267	No	No
5	A1221-2	1000.00	24343	995.1	-0.493	No	No

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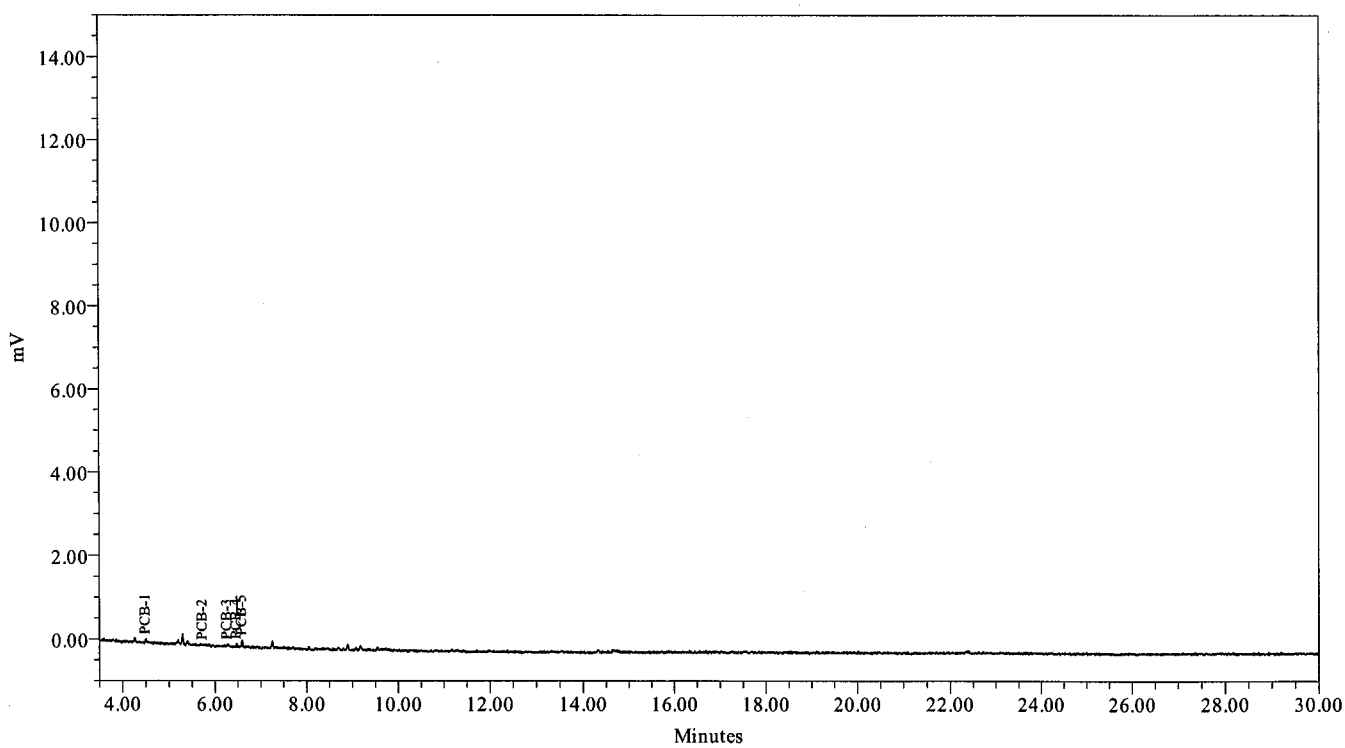
Sample Name:	112521A	Sample Amount:	1
Sample ID:	A1221 20 PPB	Dilution:	1
Date Acquired:	11/25/2008 18:21:07 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:41:26 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:02:27 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.506	bb	103
2	PCB-2	5.737	bb	19
3	PCB-3	6.271	bb	64
4	PCB-4	6.478	bv	89
5	PCB-5	6.600	bb	268

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	542	20.000
2	A1221-2	524	20.000
3	A1221-5	274	20.000
4	A1232	268	
5	A1232-8/9	268	



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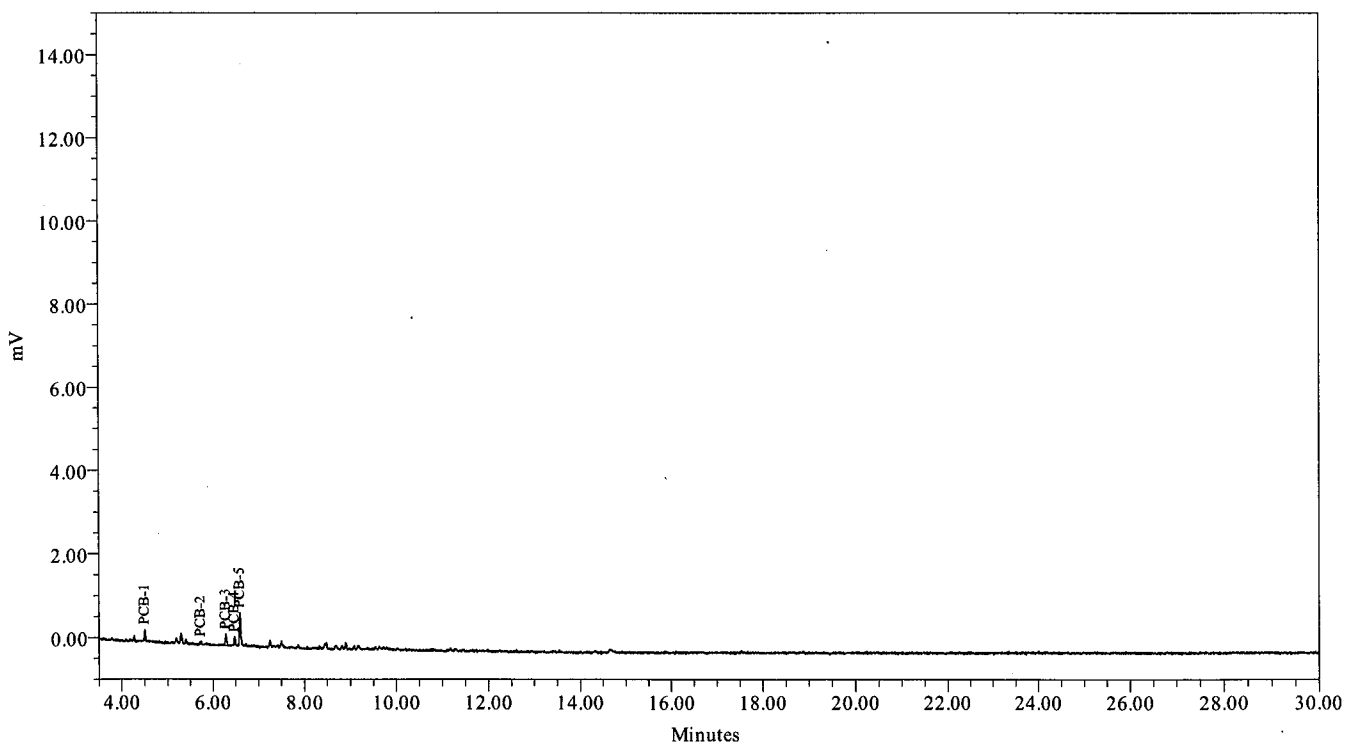
Sample Name:	112521B	Sample Amount:	1
Sample ID:	A1221 100 PPB	Dilution:	1
Date Acquired:	11/25/2008 18:53:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:39:30 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:02:44 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.508	bb	354
2	PCB-2	5.742	bb	123
3	PCB-3	6.287	bb	581
4	PCB-4	6.481	bb	290
5	PCB-5	6.600	bb	1309

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	2658	100.000
2	A1221-2	2535	100.000
3	A1221-5	1349	100.000
4	A1232	1309	
5	A1232-8/9	1309	



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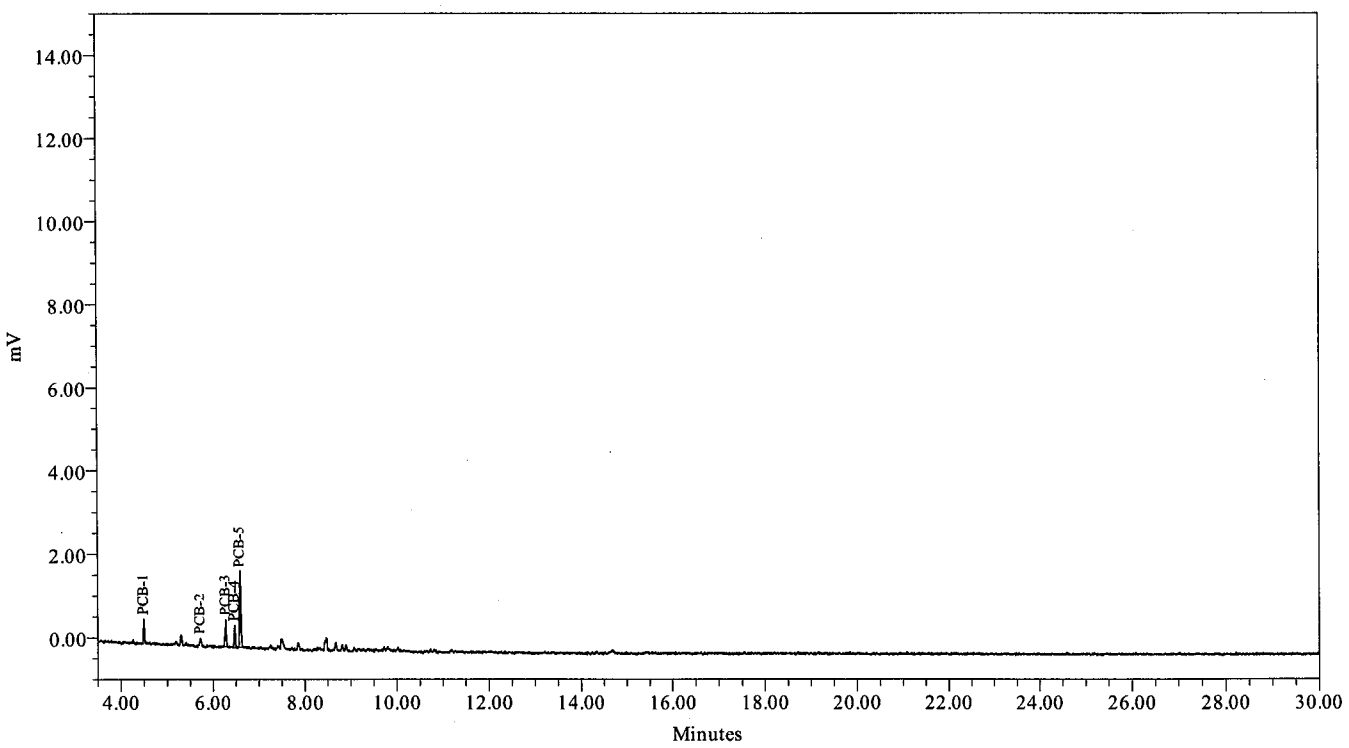
Sample Name:	112521C	Sample Amount:	1
Sample ID:	A1221 250 PPB	Dilution:	1
Date Acquired:	11/25/2008 19:26:06 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:37:37 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:02:54 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.501	bb	843
2	PCB-2	5.732	bb	291
3	PCB-3	6.283	bb	1253
4	PCB-4	6.477	bb	864
5	PCB-5	6.597	bb	3318

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	6569	250.000
2	A1221-2	6278	250.000
3	A1221-5	3251	250.000
4	A1232	3318	
5	A1232-8/9	3318	



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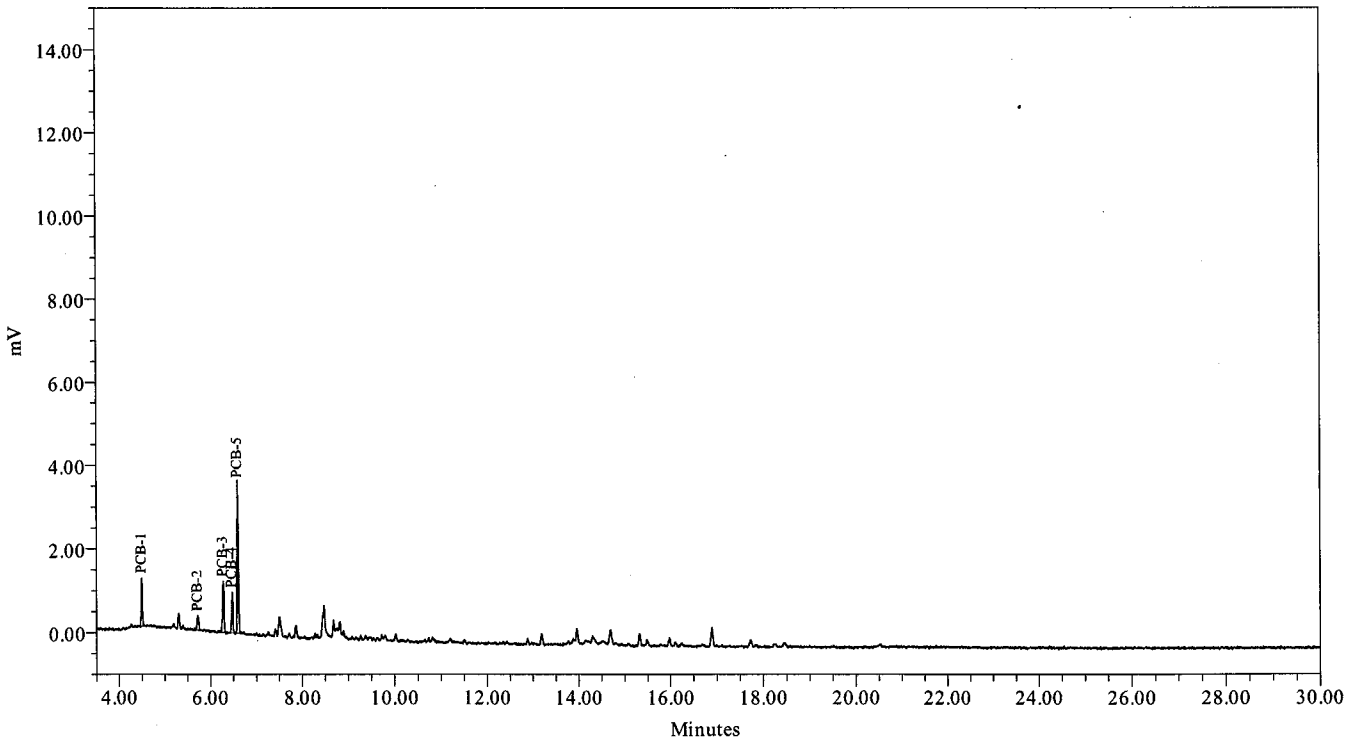
Sample Name:	112521D	Sample Amount:	1
Sample ID:	A1221 500 PPB	Dilution:	1
Date Acquired:	11/25/2008 19:58:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:38:01 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:03:11 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.503	bb	1672
2	PCB-2	5.732	bb	804
3	PCB-3	6.284	bb	2486
4	PCB-4	6.480	bb	1641
5	PCB-5	6.599	bb	6425

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	13028	500.000
2	A1221-2	12224	500.000
3	A1221-5	6603	500.000
4	A1232	6425	
5	A1232-8/9	6425	



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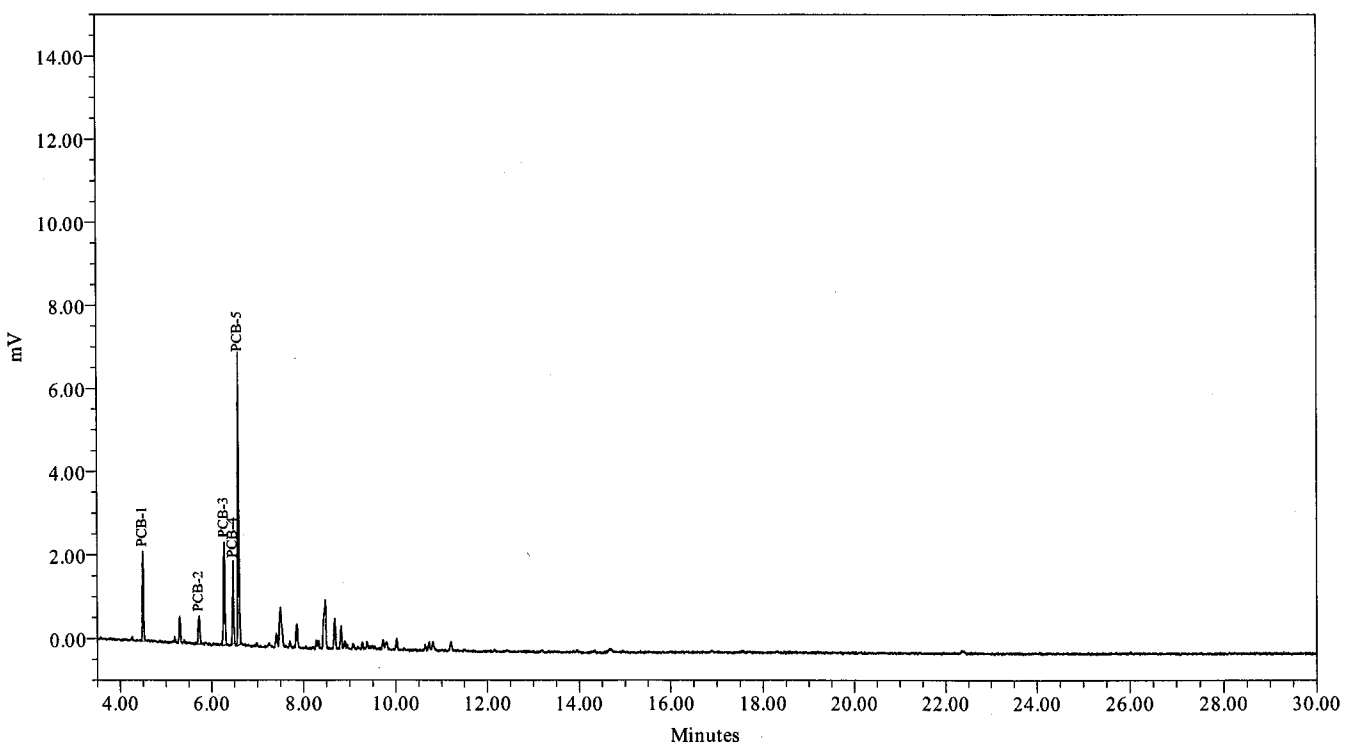
Sample Name:	112521E	Sample Amount:	1
Sample ID:	A1221 1000 PPB	Dilution:	1
Date Acquired:	11/25/2008 20:31:07 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:38:44 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:03:20 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.502	bb	3297
2	PCB-2	5.731	bb	1583
3	PCB-3	6.283	bb	5087
4	PCB-4	6.478	bb	3221
5	PCB-5	6.597	bb	12738

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	25926	1000.000
2	A1221-2	24343	1000.000
3	A1221-5	13189	1000.000
4	A1232	12738	
5	A1232-8/9	12738	



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1232-8/9	A1232
1	112532A	19.8499	46.9333
2	112532B	21.7378	50.0878
3	112532C	22.1702	48.7489
4	112532D	23.1679	50.9444
5	112532E	22.7030	49.7888
Mean		21.926	49.301
Std. Dev.		1.280	1.539
% RSD		5.84	3.12

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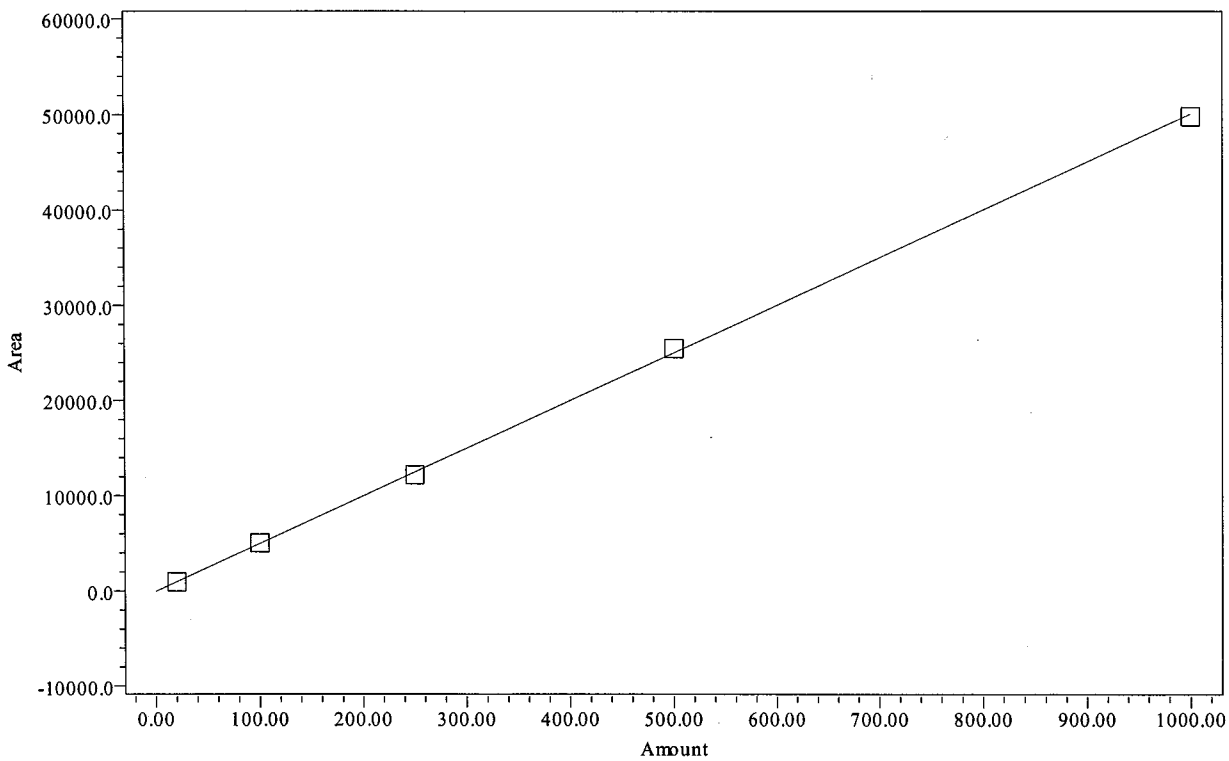
Name:	A1232	Coefficient constant A:	-59.998301
System Name:	Instrument_18_Ch01	Coefficient first Order B:	50.104609
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999884
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999768

Calibration Curve



Point Table
Peak: A1232

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1232	20.00	939	19.9	-0.342	No	No
2	A1232	100.00	5009	101.2	1.164	No	No
3	A1232	250.00	12187	244.4	-2.227	No	No
4	A1232	500.00	25472	509.6	1.916	No	No
5	A1232	1000.00	49789	994.9	-0.511	No	No

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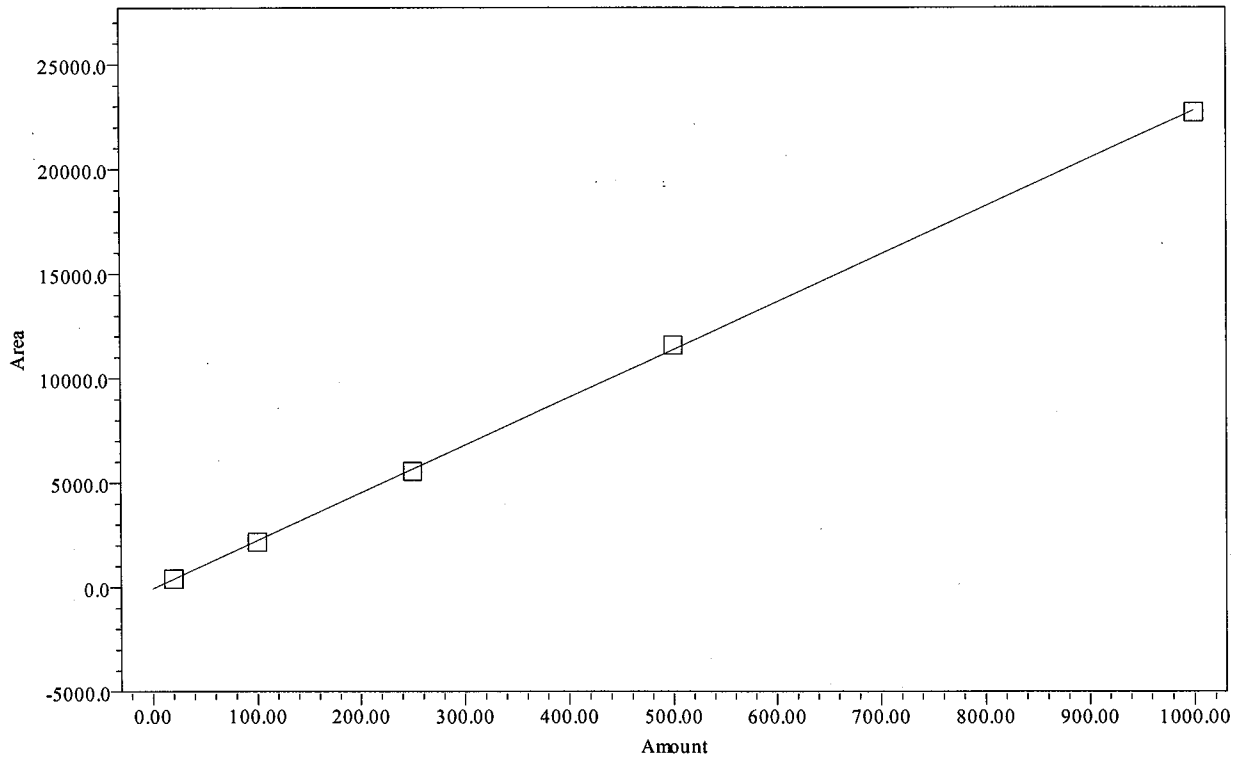
Name:	A1232-8/9	Coefficient constant A:	-69.751913
System Name:	Instrument_18_Ch01	Coefficient first Order B:	22.860447
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999890
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999780

Calibration Curve



Point Table
Peak: A1232-8/9

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1232-8/9	20.00	397	20.4	2.087	No	No
2	A1232-8/9	100.00	2174	98.1	-1.860	No	No
3	A1232-8/9	250.00	5543	245.5	-1.799	No	No
4	A1232-8/9	500.00	11584	509.8	1.955	No	No
5	A1232-8/9	1000.00	22703	996.2	-0.384	No	No

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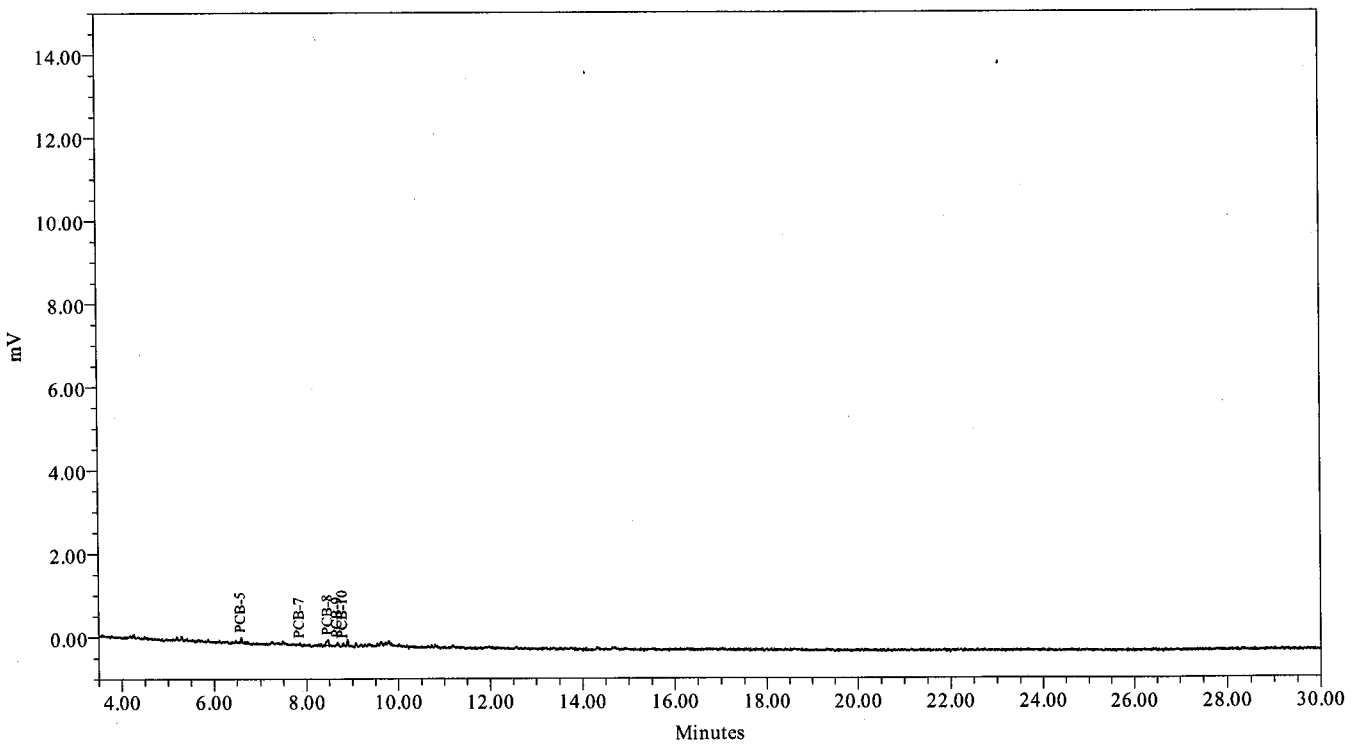
Sample Name:	112532A	Sample Amount:	1
Sample ID:	A1232 20 PPB	Dilution:	1
Date Acquired:	11/25/2008 21:03:37 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:44:48 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:03:37 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.595	bb	207
2	PCB-7	7.862	bb	52
3	PCB-8	8.477	bb	414
4	PCB-9	8.683	bb	128
5	PCB-10	8.801	vb	138

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	731	
2	A1221	207	
3	A1221-2	207	
4	A1232	939	20.000
5	A1232-8/9	397	20.000
6	A1242	731	



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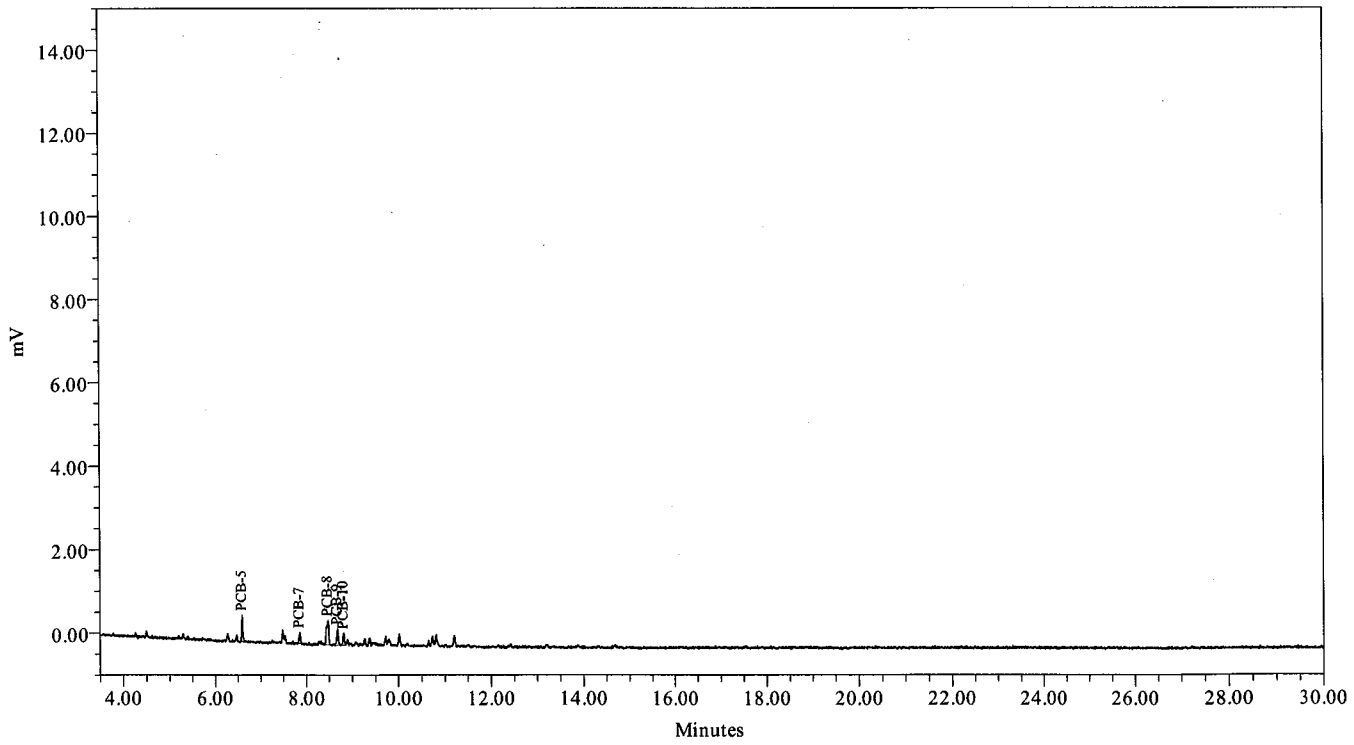
Sample Name:	112532B	Sample Amount:	1
Sample ID:	A1232 100 PPB	Dilution:	1
Date Acquired:	11/25/2008 21:36:06 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:45:07 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:03:45 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.597	bb	1128
2	PCB-7	7.862	bb	494
3	PCB-8	8.474	bb	1909
4	PCB-9	8.684	bb	926
5	PCB-10	8.818	bb	552

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	3881	
2	A1221	1128	
3	A1221-2	1128	
4	A1232	5009	100.000
5	A1232-8/9	2174	100.000
6	A1242	3881	



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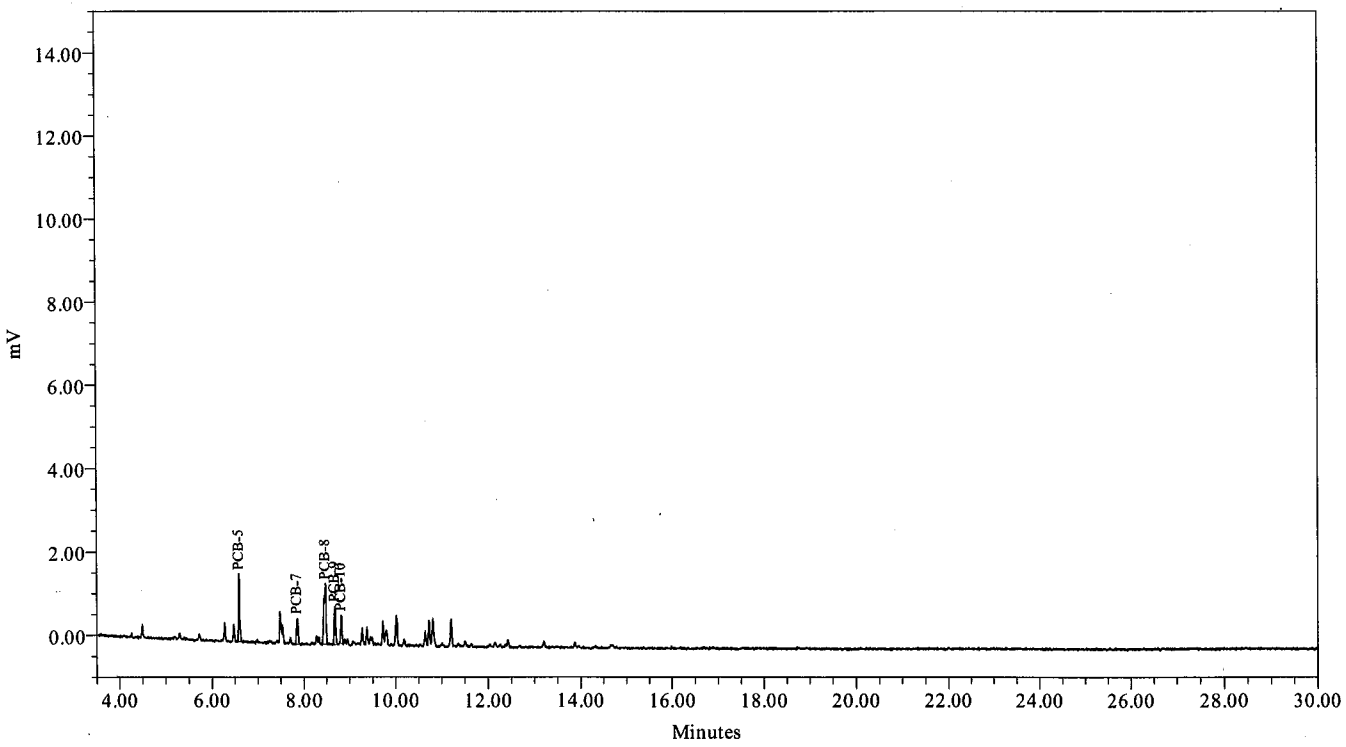
Sample Name:	112532C	Sample Amount:	1
Sample ID:	A1232 250 PPB	Dilution:	1
Date Acquired:	11/25/2008 22:08:36 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:42:59 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:04:03 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.597	bb	2853
2	PCB-7	7.862	bb	1443
3	PCB-8	8.476	bb	4735
4	PCB-9	8.683	bb	1910
5	PCB-10	8.819	bb	1247

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	9335	
2	A1221	2853	
3	A1221-2	2853	
4	A1232	12187	250.000
5	A1232-8/9	5543	250.000
6	A1242	9335	



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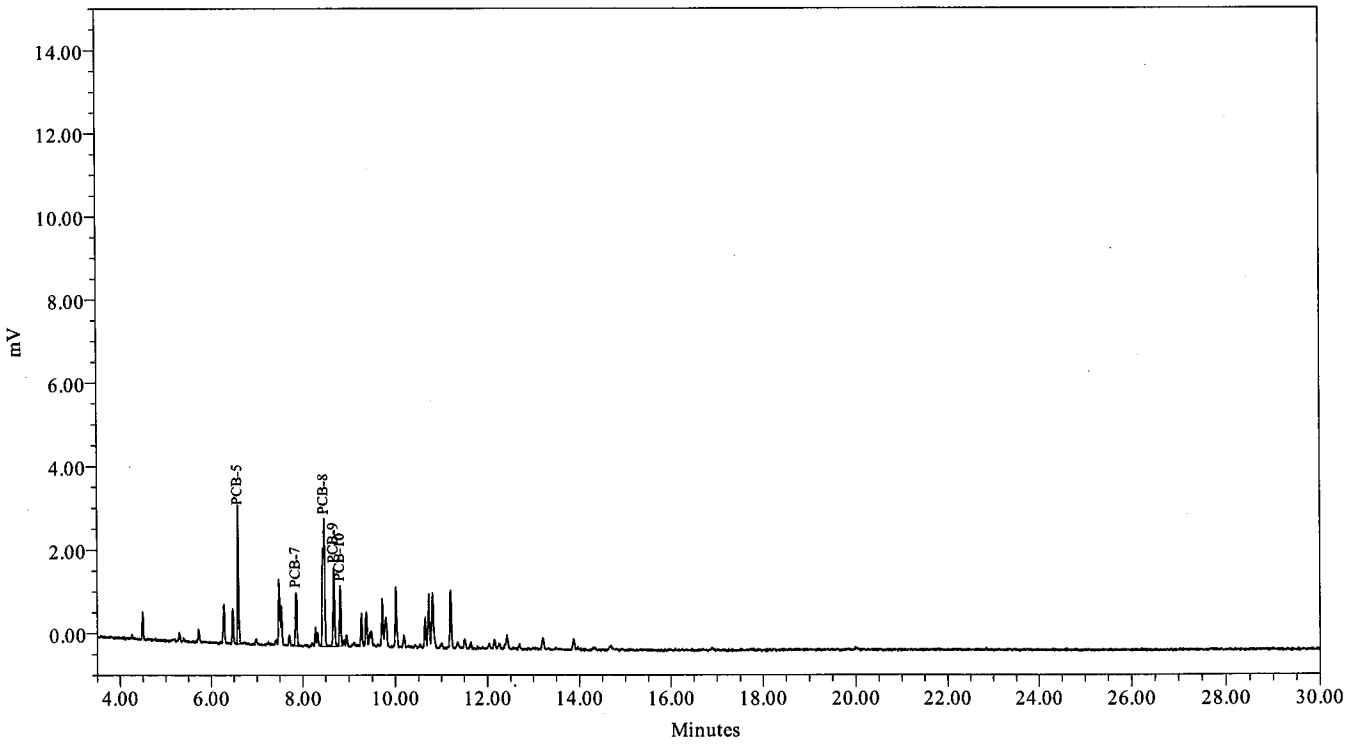
Sample Name:	112532D	Sample Amount:	1
Sample ID:	A1232 500 PPB	Dilution:	1
Date Acquired:	11/25/2008 22:41:04 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:43:21 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:04:12 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.598	bb	5896
2	PCB-7	7.863	bb	2925
3	PCB-8	8.476	bB	9823
4	PCB-9	8.684	BB	4065
5	PCB-10	8.820	Bv	2763

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	19576	
2	A1221	5896	
3	A1221-2	5896	
4	A1232	25472	500.000
5	A1232-8/9	11584	500.000
6	A1242	19576	



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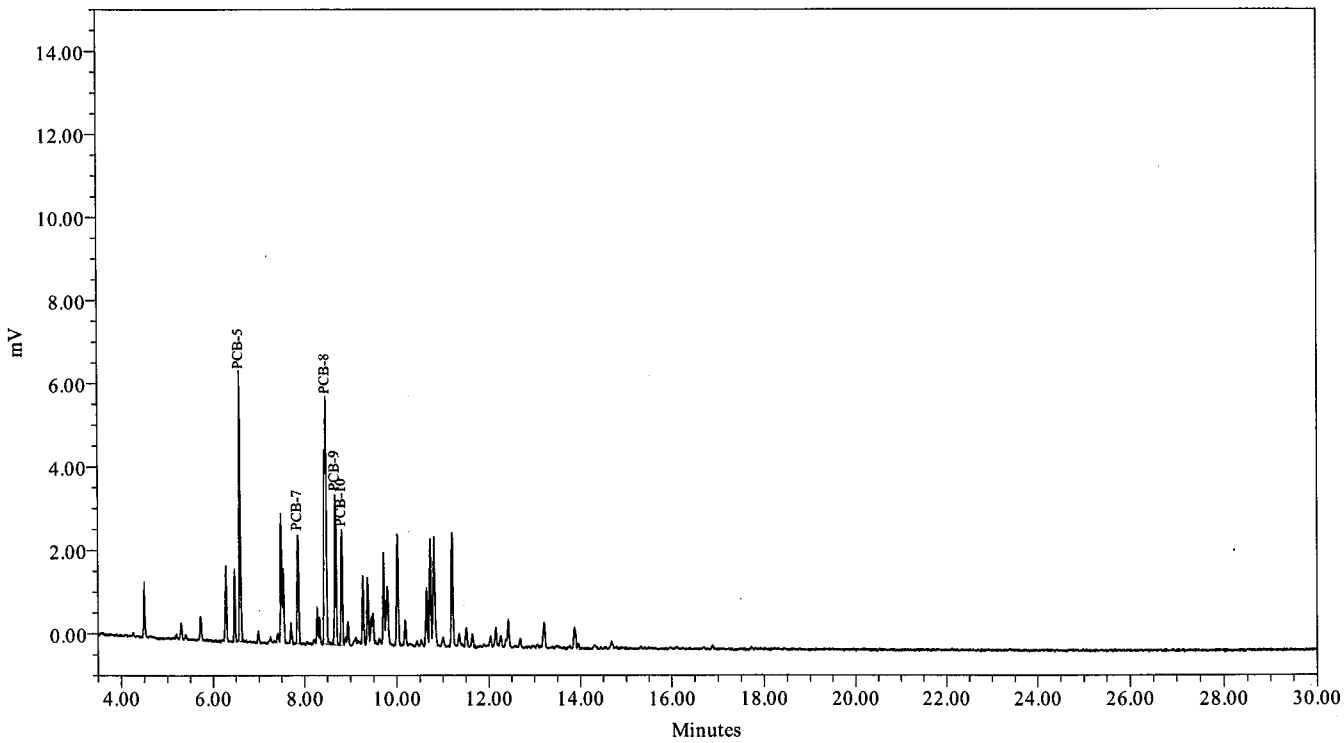
Sample Name:	112532E	Sample Amount:	1
Sample ID:	A1232 1000 PPB	Dilution:	1
Date Acquired:	11/25/2008 23:13:34 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 08:43:41 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:04:34 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.599	bb	11532
2	PCB-7	7.863	bb	5725
3	PCB-8	8.476	bV	19110
4	PCB-9	8.683	VV	7976
5	PCB-10	8.819	VV	5446

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	38257	
2	A1221	11532	
3	A1221-2	11532	
4	A1232	49789	1000.000
5	A1232-8/9	22703	1000.000
6	A1242	38257	



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component
Summary Table
Component Summary For RF

	Sample Name	A1242
1	112542A	94.3783
2	112542B	89.7993
3	112542C	89.6188
4	112542D	86.7721
5	112542E	83.1965
Mean		88.753
Std. Dev.		4.132
% RSD		4.66

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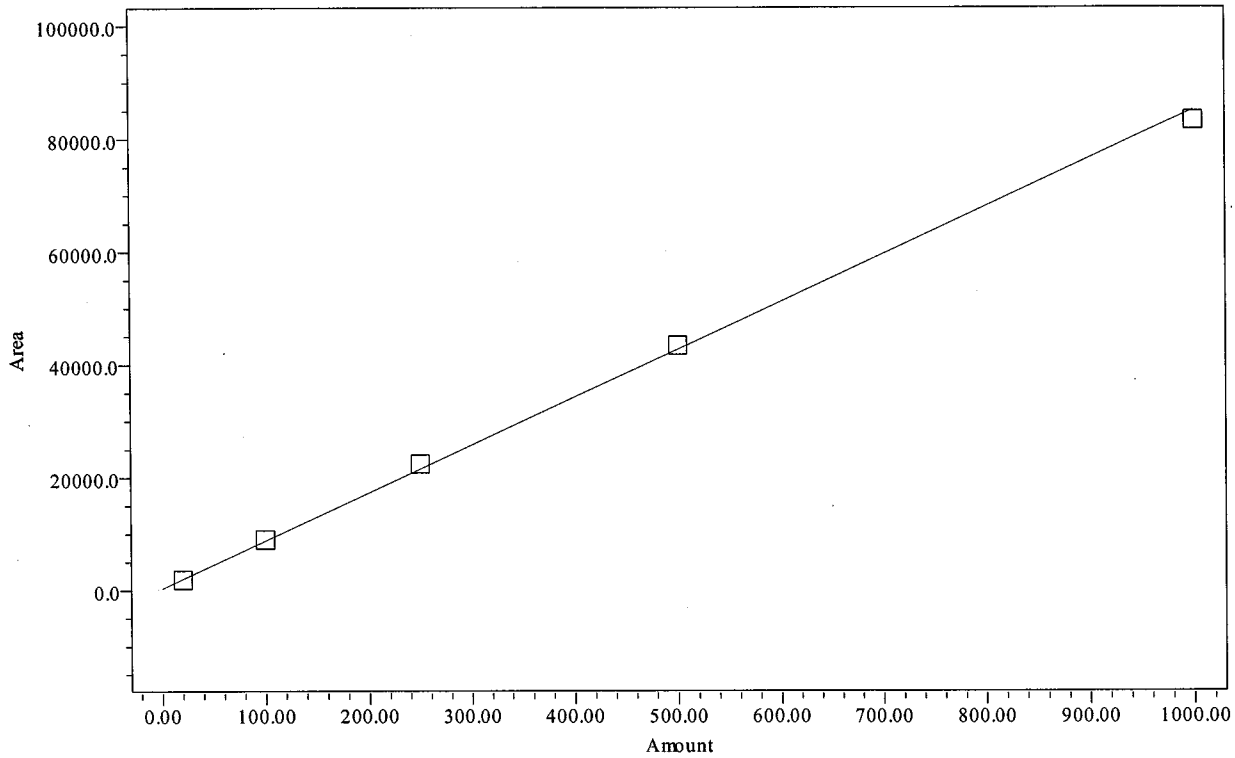
Name:	A1242	Coefficient constant A:	304.784312
System Name:	Instrument_18_Ch01	Coefficient first Order B:	84.668890
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999590
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999181

Calibration Curve



Point Table
Peak: A1242

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1242	20.00	1888	18.7	-6.531	No	No
2	A1242	100.00	8980	102.5	2.460	No	No
3	A1242	250.00	22405	261.0	4.406	No	No
4	A1242	500.00	43386	508.8	1.764	No	No
5	A1242	1000.00	83196	979.0	-2.099	No	No

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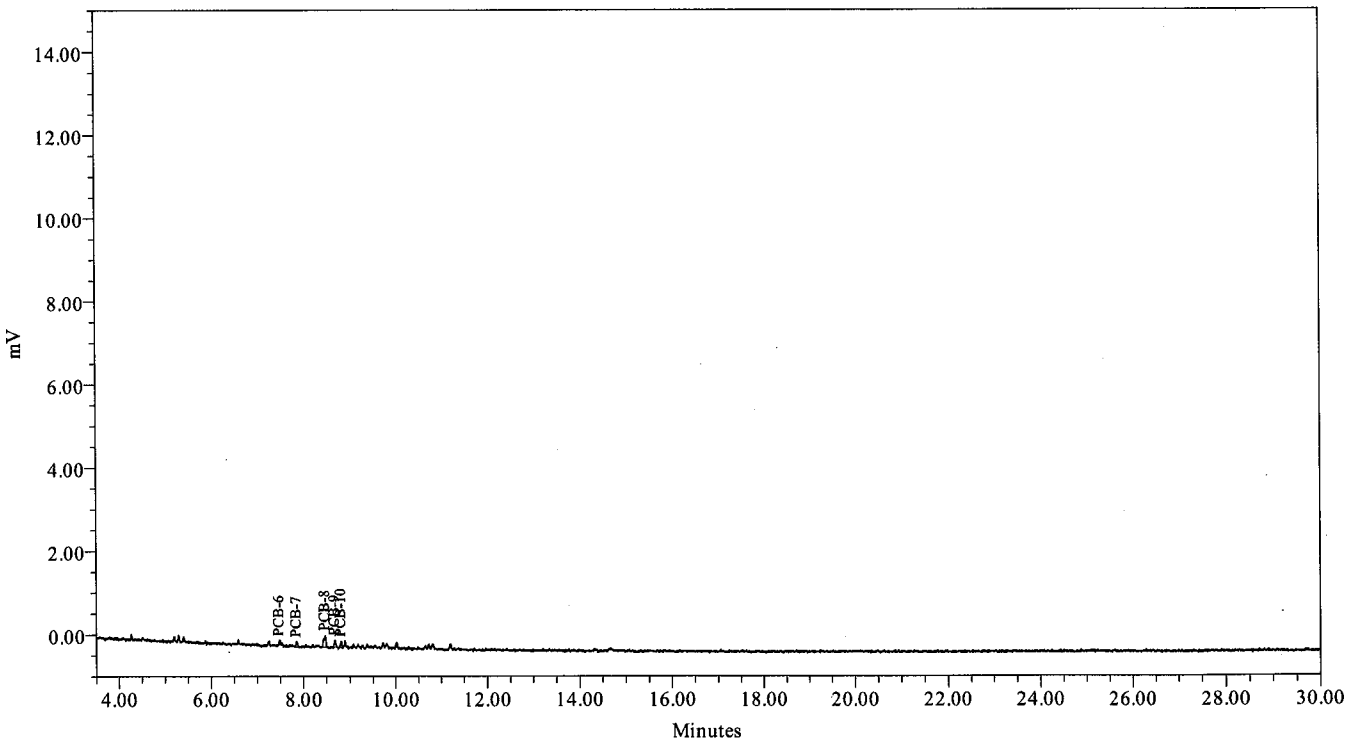
Sample Name:	112542A	Sample Amount:	1
Sample ID:	A1242 20 PPB	Dilution:	1
Date Acquired:	11/25/2008 23:46:04 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:14:38 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:04:49 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.487	bb	211
2	PCB-7	7.860	bv	234
3	PCB-8	8.473	bb	827
4	PCB-9	8.681	bb	323
5	PCB-10	8.817	bb	293

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	1888	
2	A1232	1677	
3	A1232-8/9	526	
4	A1242	1888	20.000



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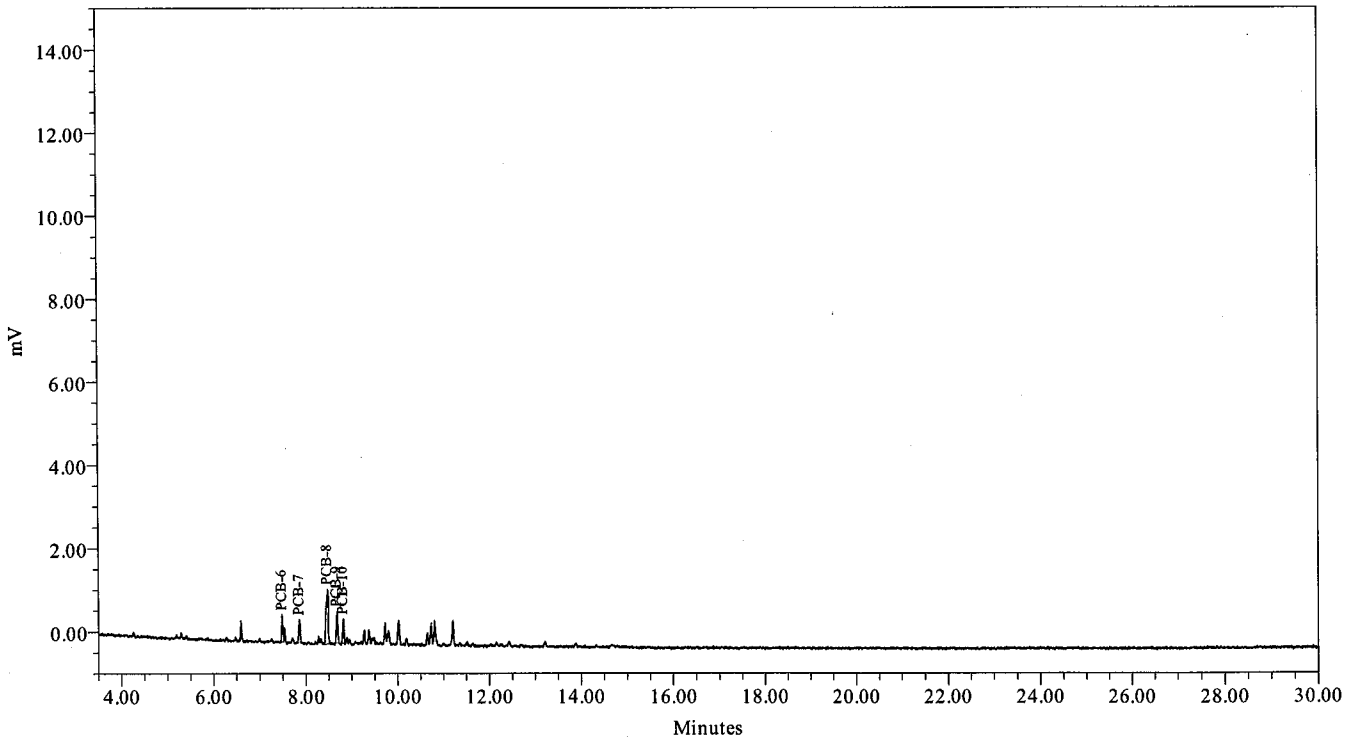
Sample Name:	112542B	Sample Amount:	1
Sample ID:	A1242 100 PPB	Dilution:	1
Date Acquired:	11/26/2008 00:18:33 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:10:57 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:04:58 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.491	bV	1115
2	PCB-7	7.864	bb	1093
3	PCB-8	8.476	bb	4104
4	PCB-9	8.683	bb	1572
5	PCB-10	8.819	bb	1096

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	8980	
2	A1232	7865	
3	A1232-8/9	2189	
4	A1242	8980	100.000



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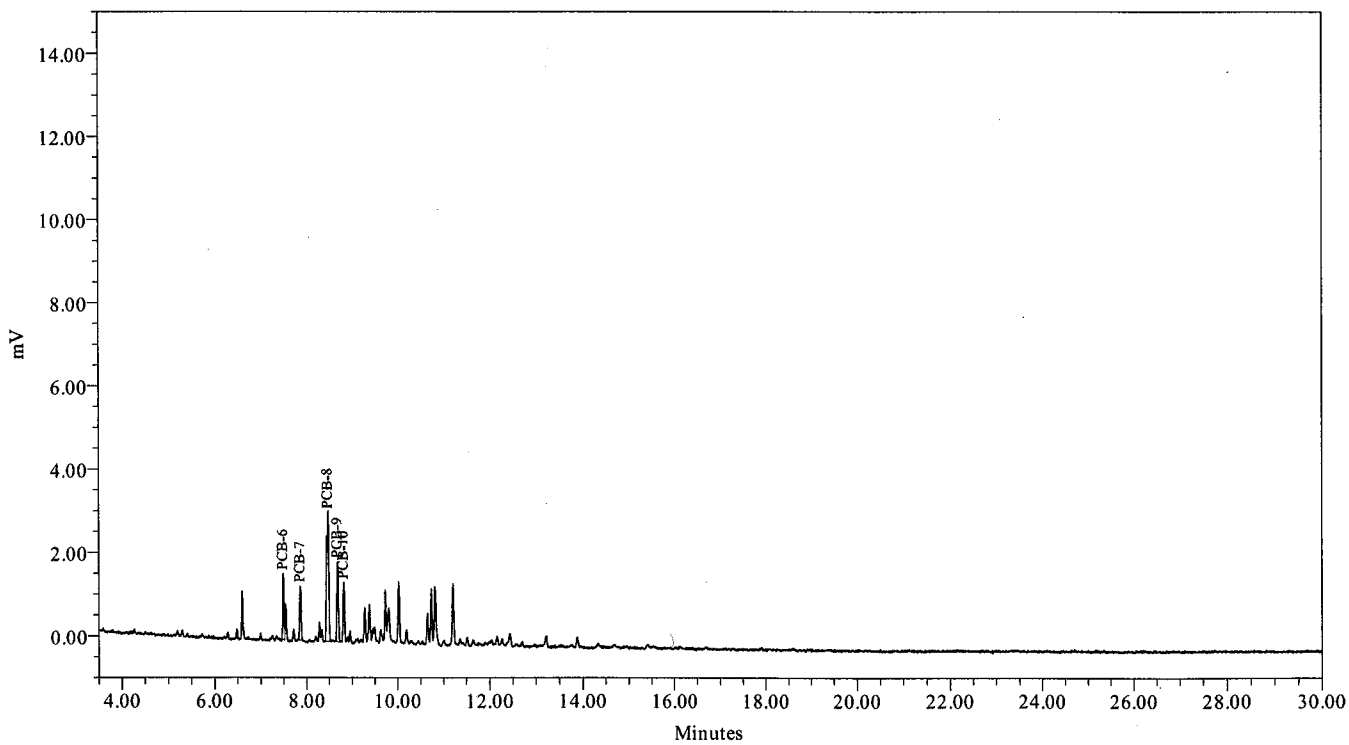
Sample Name:	112542C	Sample Amount:	1
Sample ID:	A1242 250 PPB	Dilution:	1
Date Acquired:	11/26/2008 00:51:01 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:14:11 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:05:16 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.495	bV	2759
2	PCB-7	7.868	bb	2831
3	PCB-8	8.481	bB	9979
4	PCB-9	8.688	bB	4040
5	PCB-10	8.825	Bv	2796

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	22405	
2	A1232	19646	
3	A1232-8/9	5627	
4	A1242	22405	250.000



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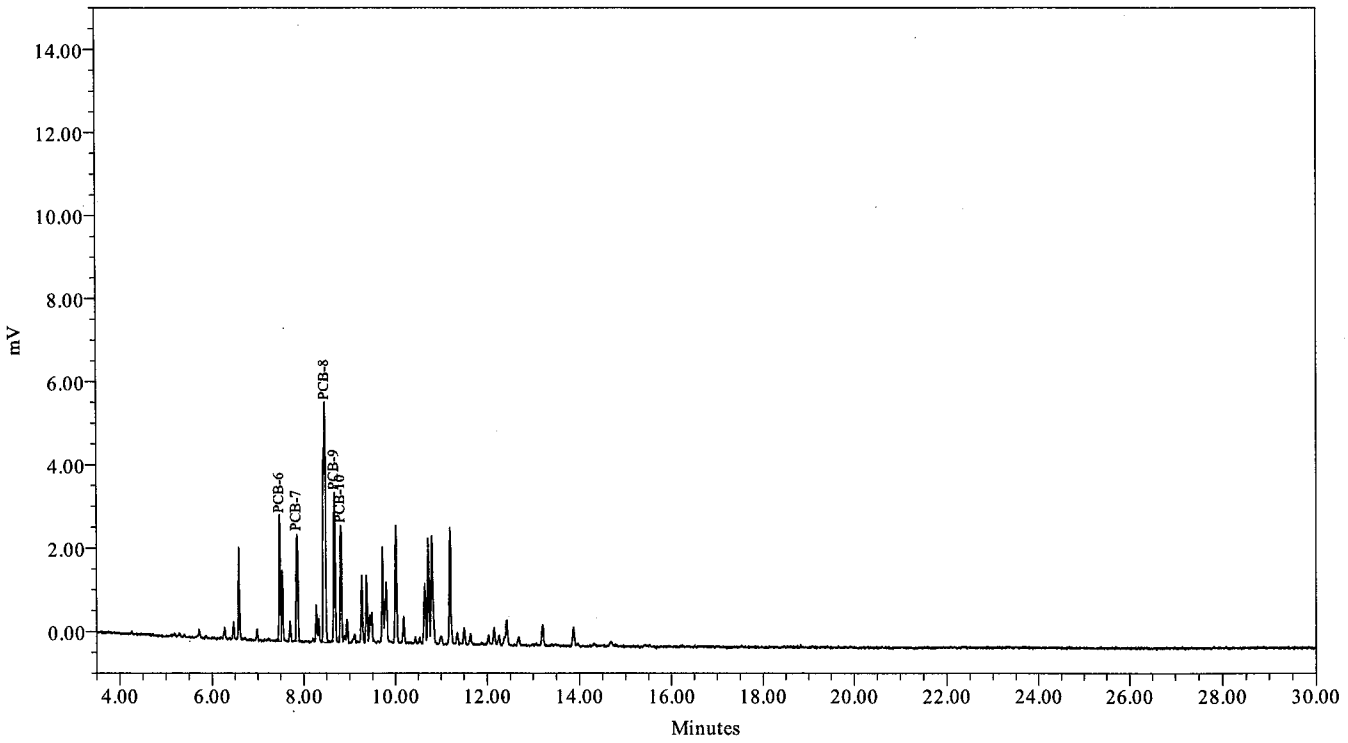
Sample Name:	112542D	Sample Amount:	1
Sample ID:	A1242 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 01:23:31 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:11:26 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:05:26 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.488	bV	5523
2	PCB-7	7.862	bb	5677
3	PCB-8	8.474	bB	18995
4	PCB-9	8.681	BB	7767
5	PCB-10	8.818	BV	5424

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	43386	
2	A1232	37863	
3	A1232-8/9	11101	
4	A1242	43386	500.000



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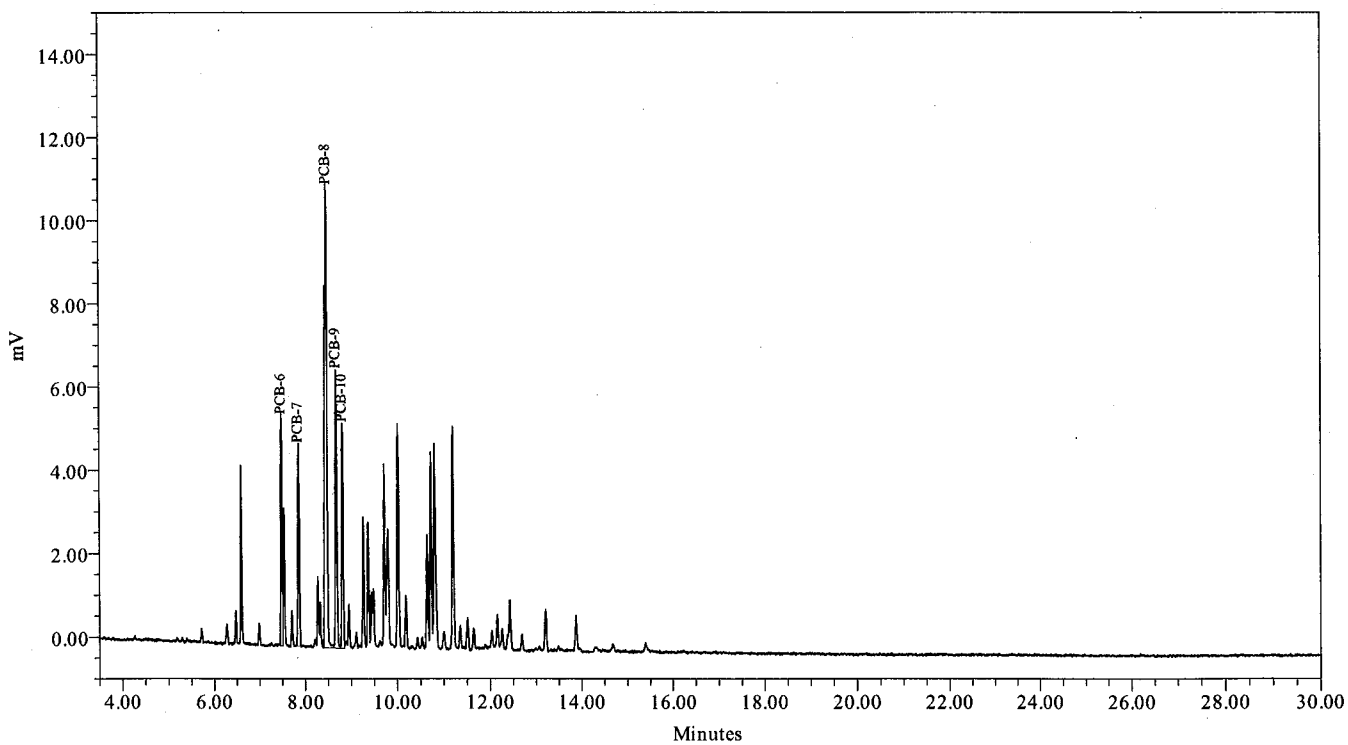
Sample Name:	112542E	Sample Amount:	1
Sample ID:	A1242 1000 PPB	Dilution:	1
Date Acquired:	11/26/2008 01:56:01 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:13:56 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:05:43 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.489	vV	10379
2	PCB-7	7.862	bb	10982
3	PCB-8	8.475	VV	36408
4	PCB-9	8.681	VV	14854
5	PCB-10	8.818	VV	10574

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	83196	
2	A1232	72817	
3	A1232-8/9	21555	
4	A1242	83196	1000.000



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1248-11/15	A1248-14/15	A1248
1	112548A	64.2781	50.4859	95.0327
2	112548B	55.1517	40.5179	87.2959
3	112548C	57.7659	41.7392	89.4704
4	112548D	58.1654	41.8539	89.5196
5	112548E	56.7441	41.0995	87.5242
Mean		58.421	43.139	89.769
Std. Dev.		3.475	4.142	3.123
% RSD		5.95	9.60	3.48

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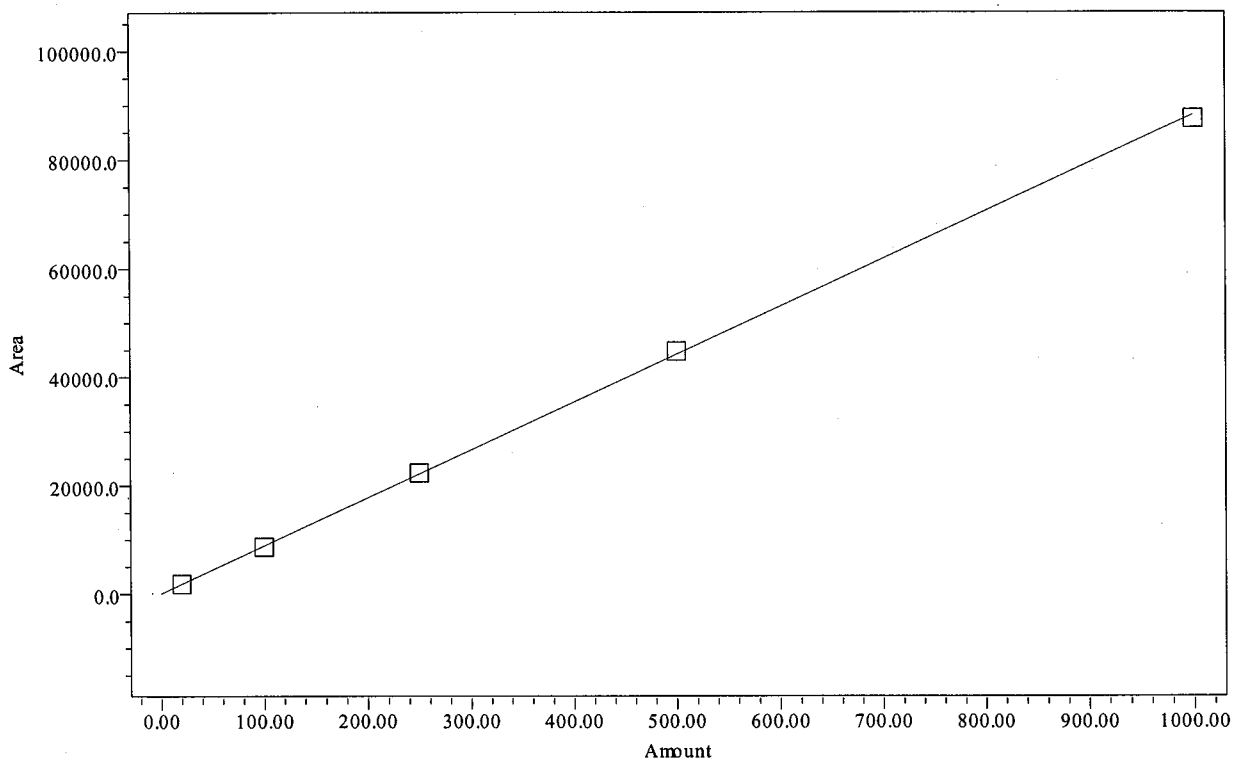
Name:	A1248	Coefficient constant A:	128.895660
System Name:	Instrument_18_Ch01	Coefficient first Order B:	88.041366
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999923
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999846

Calibration Curve



Point Table
Peak: A1248

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248	20.00	1901	20.1	0.621	No	No
2	A1248	100.00	8730	97.7	-2.311	No	No
3	A1248	250.00	22368	252.6	1.038	No	No
4	A1248	500.00	44760	506.9	1.386	No	No
5	A1248	1000.00	87524	992.7	-0.734	No	No

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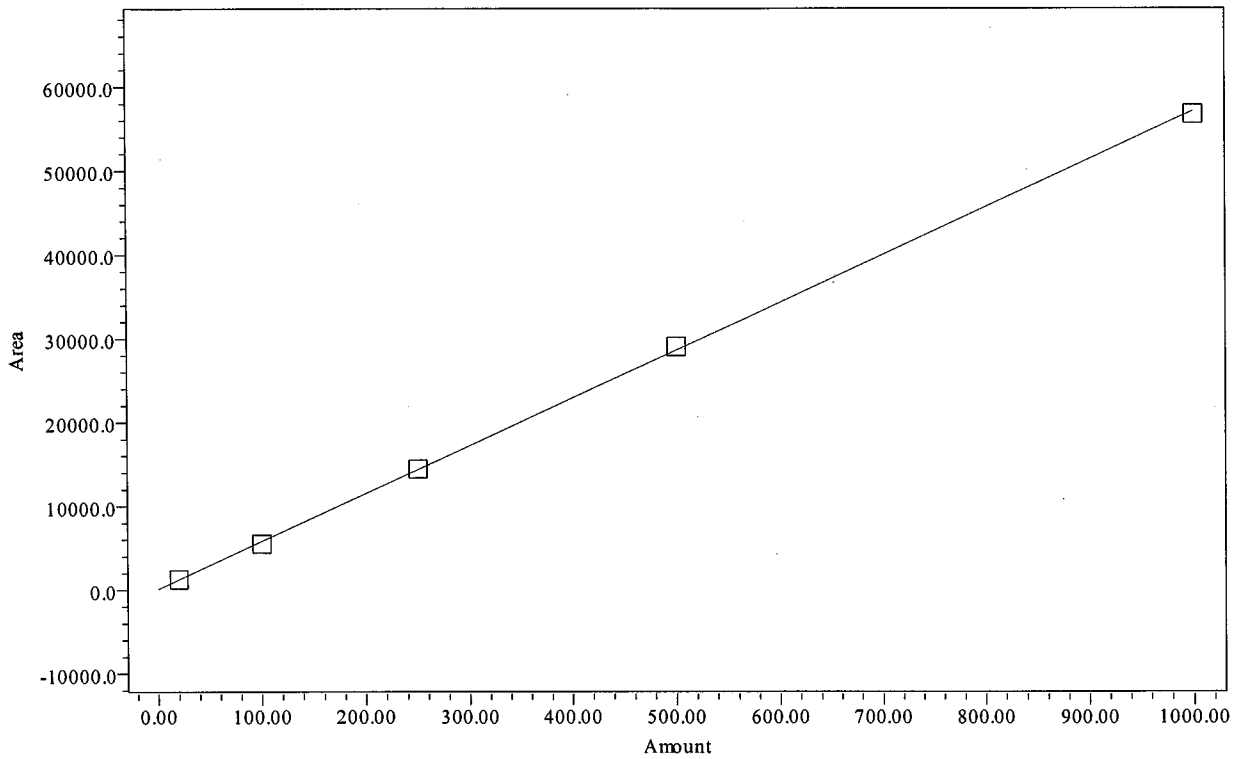
Name:	A1248-11/15	Coefficient constant A:	108.602336
System Name:	Instrument_18_Ch01	Coefficient first Order B:	56.965767
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999842
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999684

Calibration Curve



Point Table
Peak: A1248-11/15

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248-11/15	20.00	1286	20.7	3.304	No	No
2	A1248-11/15	100.00	5515	94.9	-5.091	No	No
3	A1248-11/15	250.00	14441	251.6	0.642	No	No
4	A1248-11/15	500.00	29083	508.6	1.725	No	No
5	A1248-11/15	1000.00	56744	994.2	-0.580	No	No

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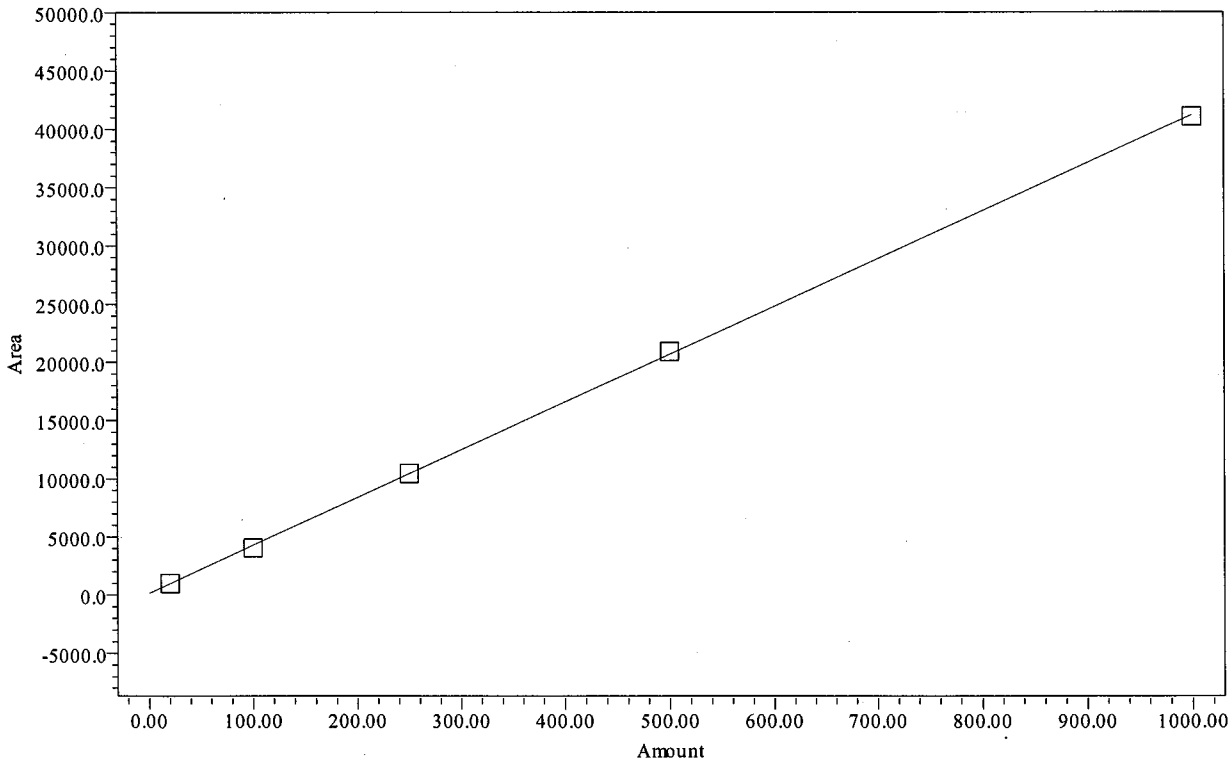
Name:	A1248-14/15	Coefficient constant A:	156.928602
System Name:	Instrument_18_Ch01	Coefficient first Order B:	41.036438
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999876
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999752

Calibration Curve



Point Table
Peak: A1248-14/15

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248-14/15	20.00	1010	20.8	3.906	No	No
2	A1248-14/15	100.00	4052	94.9	-5.088	No	No
3	A1248-14/15	250.00	10435	250.5	0.183	No	No
4	A1248-14/15	500.00	20927	506.1	1.227	No	No
5	A1248-14/15	1000.00	41100	997.7	-0.229	No	No

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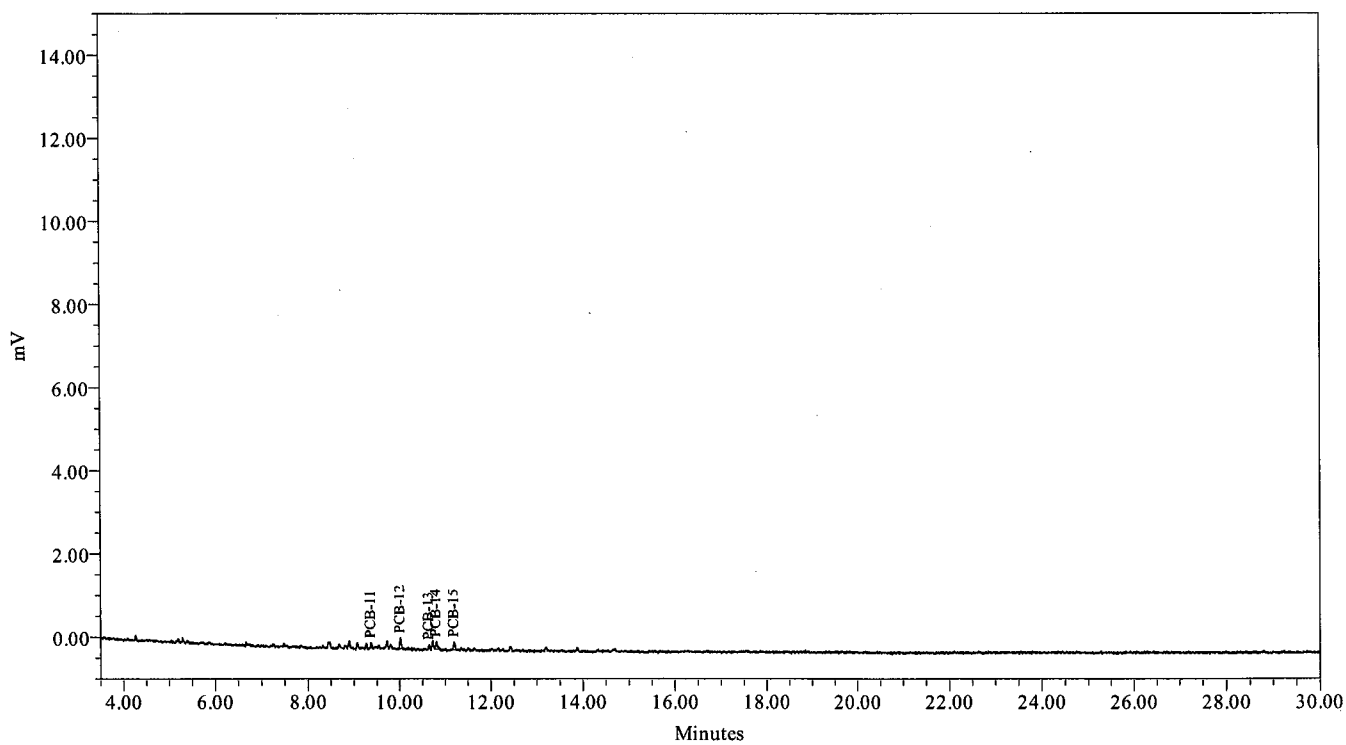
Sample Name:	112548A	Sample Amount:	1
Sample ID:	A1248 20 PPB	Dilution:	1
Date Acquired:	11/26/2008 02:28:30 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:18:09 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:05:52 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.380	bb	206
2	PCB-12	10.027	bb	587
3	PCB-13	10.653	bb	217
4	PCB-14	10.811	bb	481
5	PCB-15	11.200	bb	410

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	1901	20.000
2	A1248-11/15	1286	20.000
3	A1248-14/15	1010	20.000



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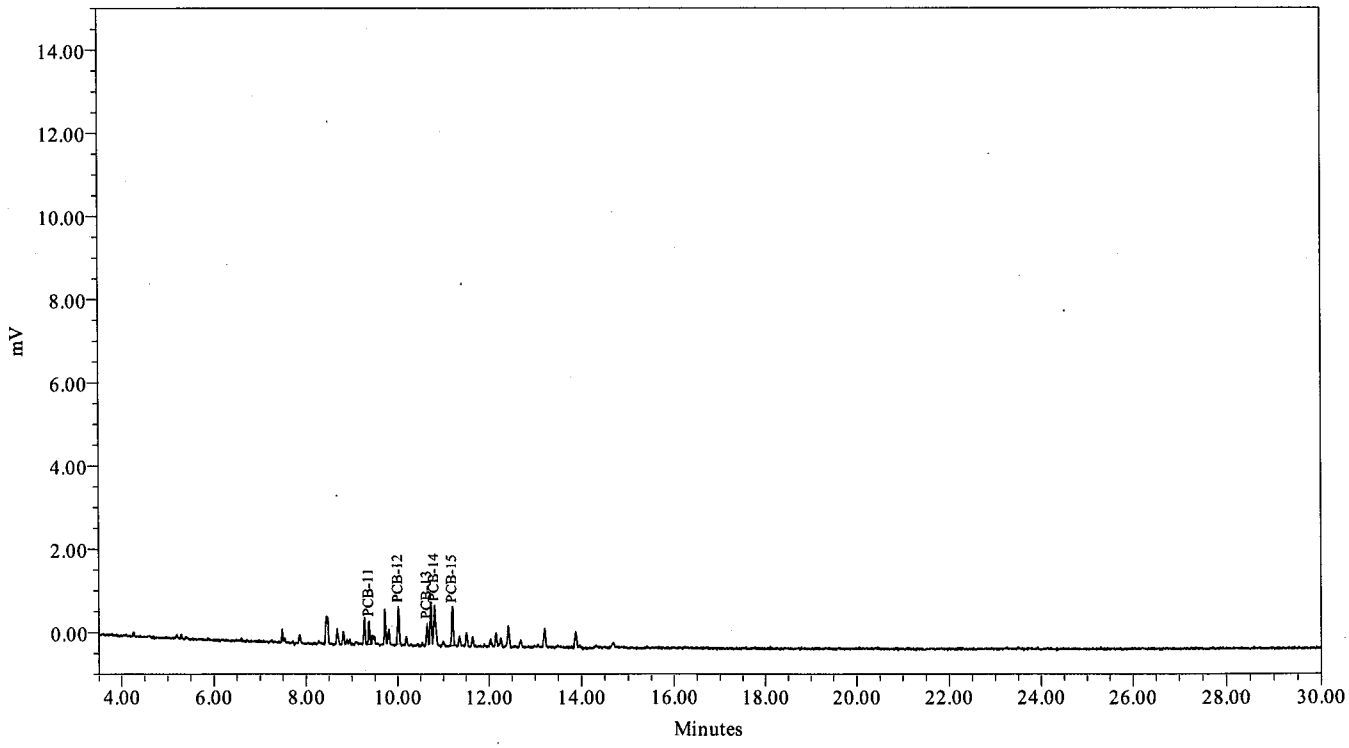
Sample Name:	112548B	Sample Amount:	1
Sample ID:	A1248 100 PPB	Dilution:	1
Date Acquired:	11/26/2008 03:01:00 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:18:25 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:06:08 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.380	bb	1084
2	PCB-12	10.022	bb	1966
3	PCB-13	10.652	bB	1002
4	PCB-14	10.809	Vb	2547
5	PCB-15	11.205	bb	2131

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	8730	100.000
2	A1248-11/15	5515	100.000
3	A1248-14/15	4052	100.000



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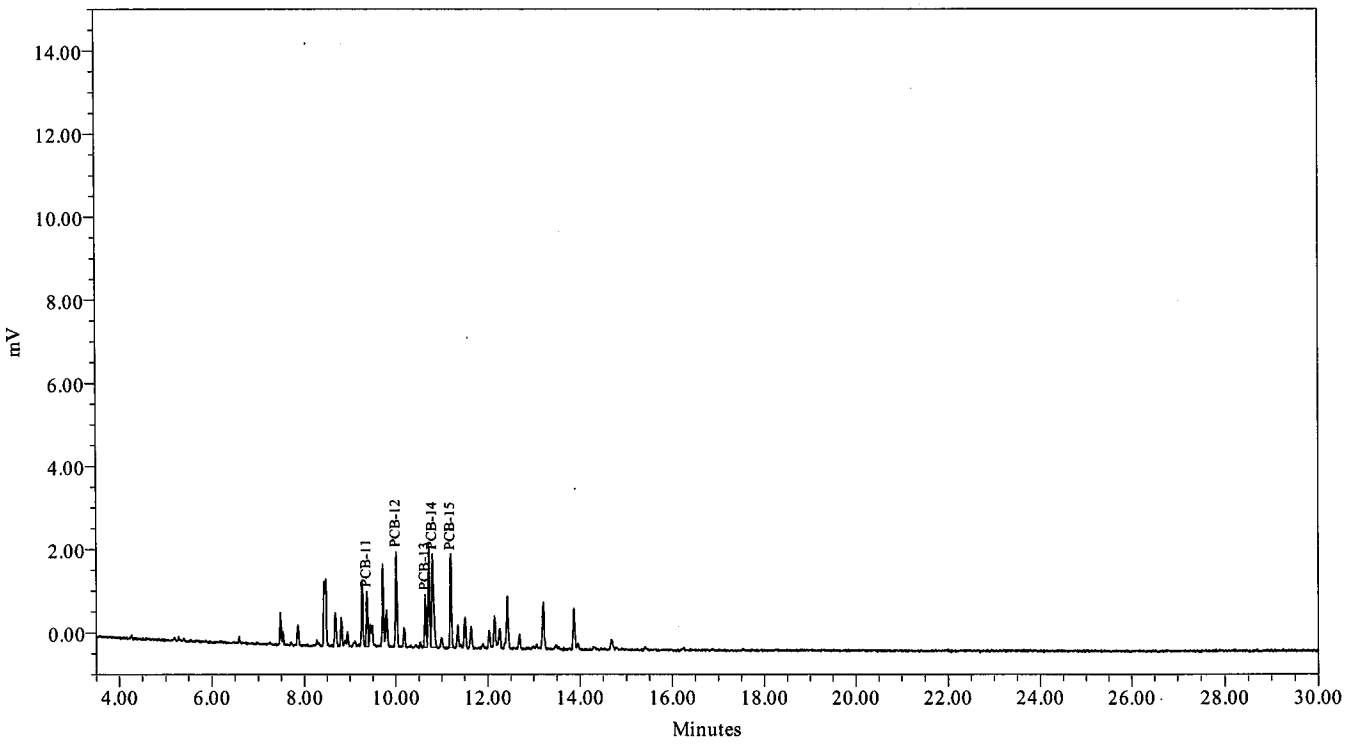
Sample Name:	112548C	Sample Amount:	1
Sample ID:	A1248 250 PPB	Dilution:	1
Date Acquired:	11/26/2008 03:33:30 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:18:43 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:06:17 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.379	bV	2605
2	PCB-12	10.020	bb	5082
3	PCB-13	10.647	bV	2748
4	PCB-14	10.808	Vb	6611
5	PCB-15	11.202	bb	5321

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	22368	250.000
2	A1248-11/15	14441	250.000
3	A1248-14/15	10435	250.000



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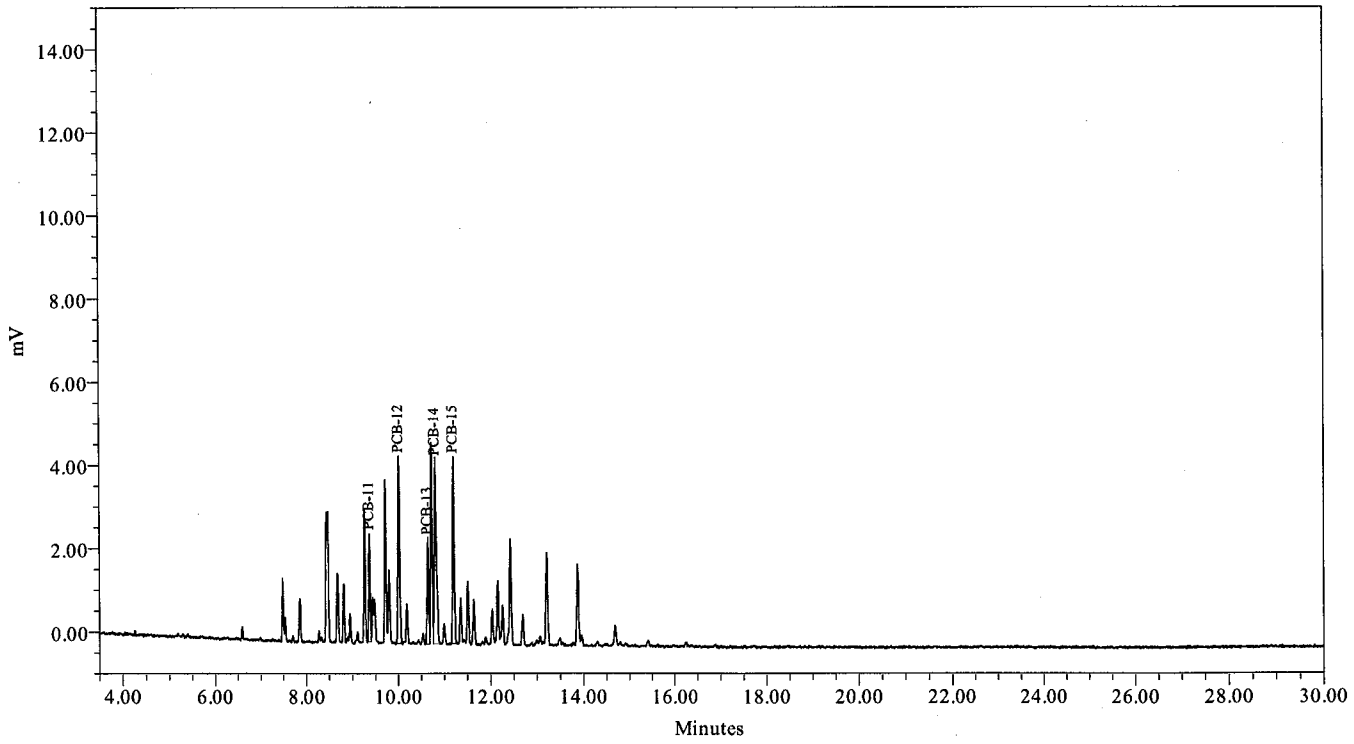
Sample Name:	112548D	Sample Amount:	1
Sample ID:	A1248 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 04:06:00 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:19:02 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:06:34 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.380	bV	5098
2	PCB-12	10.020	bb	10166
3	PCB-13	10.649	bV	5663
4	PCB-14	10.809	Vb	13254
5	PCB-15	11.204	bb	10579

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	44760	500.000
2	A1248-11/15	29083	500.000
3	A1248-14/15	20927	500.000



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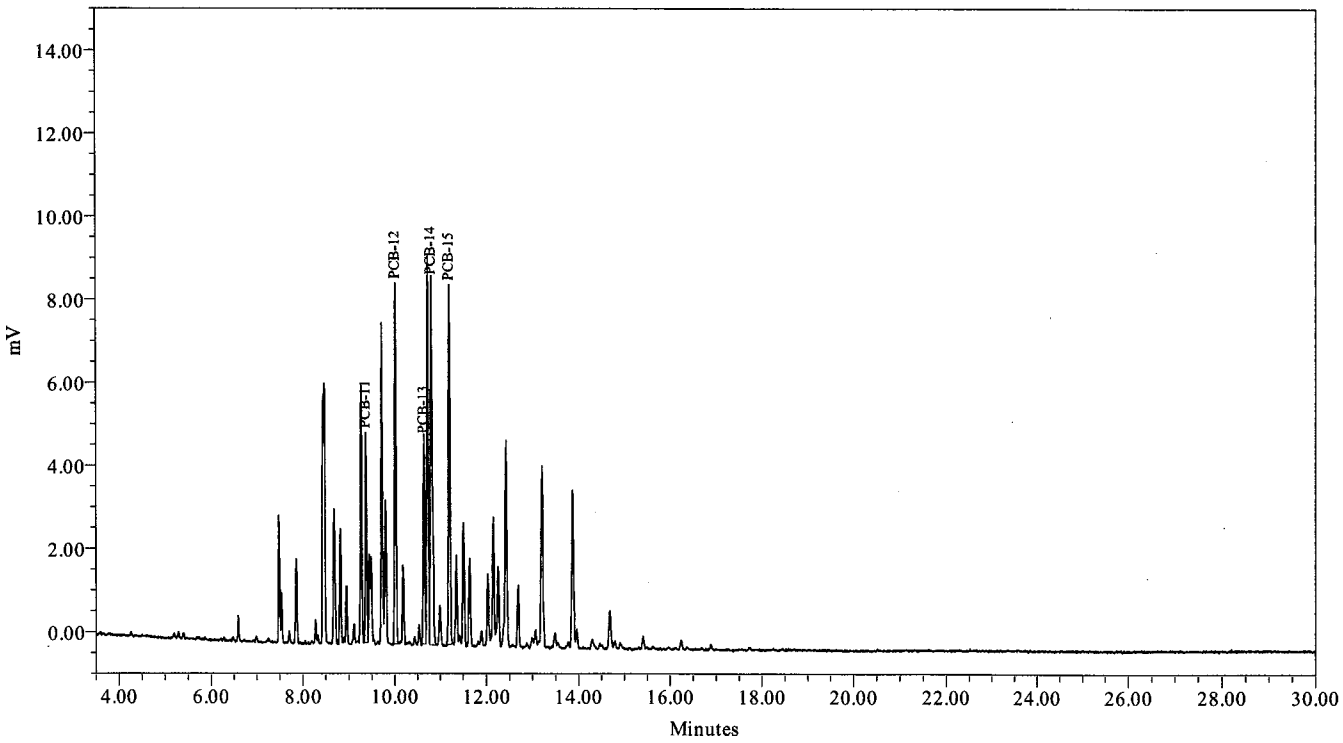
Sample Name:	112548E	Sample Amount:	1
Sample ID:	A1248 1000 PPB	Dilution:	1
Date Acquired:	11/26/2008 04:38:30 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:19:19 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:06:39 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.380	bV	10272
2	PCB-12	10.020	bb	19763
3	PCB-13	10.649	bV	11065
4	PCB-14	10.808	Vb	25916
5	PCB-15	11.203	bb	20508

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	87524	1000.000
2	A1248-11/15	56744	1000.000
3	A1248-14/15	41100	1000.000



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 01
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1254-17/18	A1254-19/20	A1254-20	A1254
1	112554C	88.9608	81.6666	108.2312	146.0376
2	112554D	84.4469	77.8855	103.7202	138.9528
3	112554E	82.5022	76.3449	101.8037	135.9648
4	112554A	86.5580	77.2382	98.7992	140.7545
5	112554B	85.1216	79.0761	103.7291	140.3599
Mean		85.518	78.442	103.257	140.414
Std. Dev.		2.415	2.059	3.434	3.663
%RSD		2.82	2.62	3.33	2.61

Calibration Component Summary Table
Component Summary For RF

	Sample Name	TCMX	DCBP
1	112554A	579.9383	656.5690
2	112554B	569.3108	621.5256
3	112554C	561.3006	602.3097
4	112554D	554.0579	601.1047
5	112554E	551.3146	588.8510
Mean		563.184	614.072
Std. Dev.		11.683	26.477
%RSD		2.07	4.31

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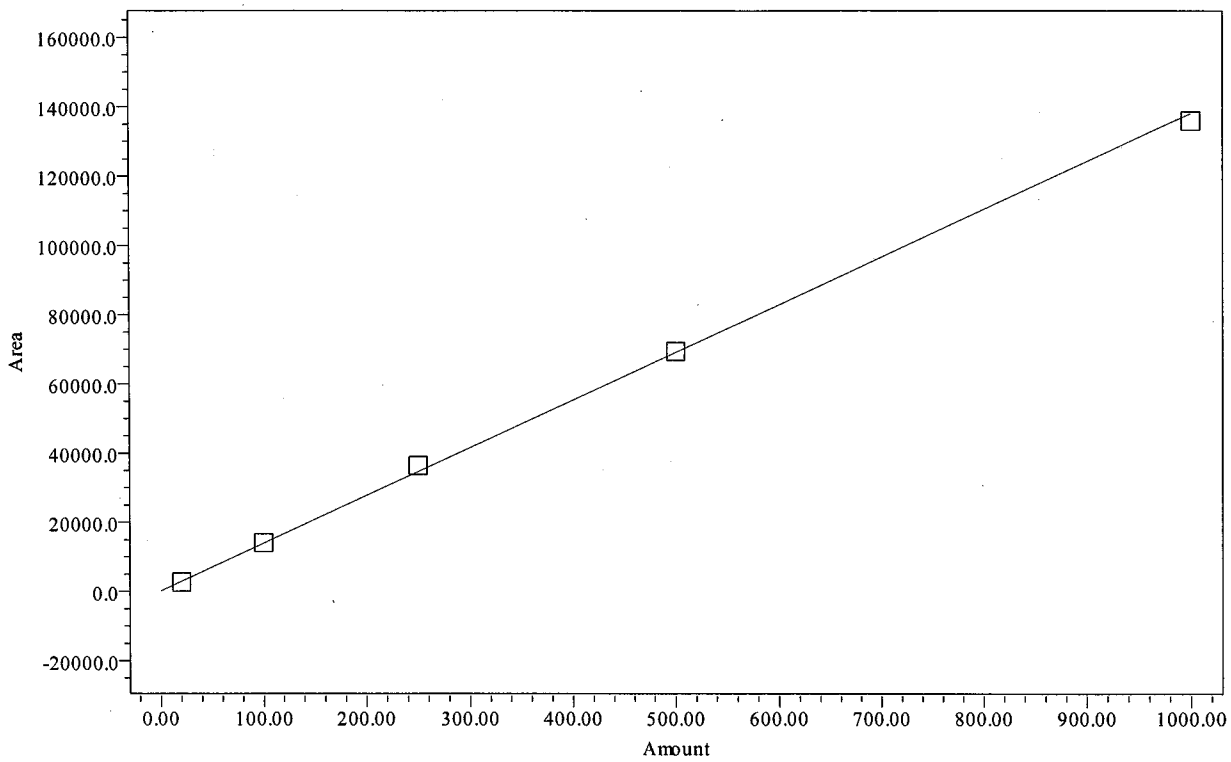
Name:	A1254	Coefficient constant A:	188.072205
System Name:	Instrument_18_Ch01	Coefficient first Order B:	137.893736
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999662
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999324

Calibration Curve



Point Table
Peak: A1254

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254	20.00	2815	19.1	-4.745	No	No
2	A1254	100.00	14036	100.4	0.425	No	No
3	A1254	250.00	36509	263.4	5.360	No	No
4	A1254	500.00	69476	502.5	0.495	No	No
5	A1254	1000.00	135965	984.6	-1.535	No	No

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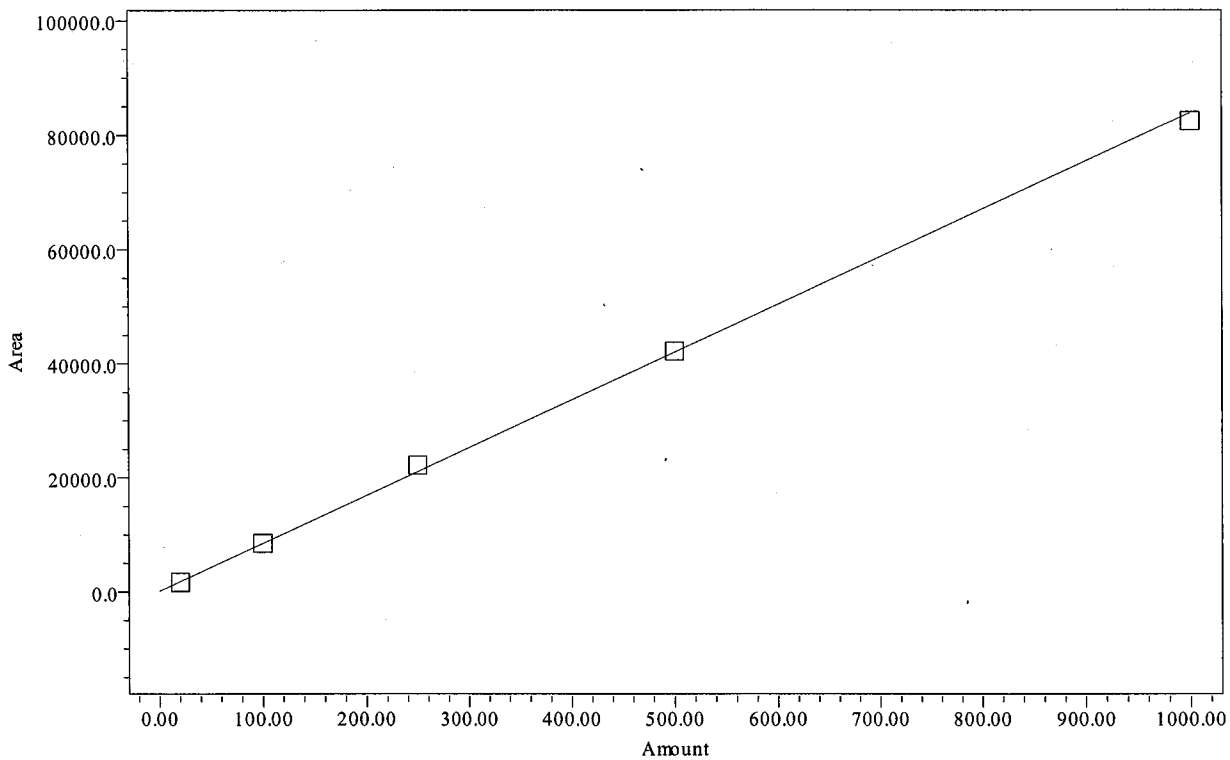
Name:	A1254-17/18	Coefficient constant A:	135.071332
System Name:	Instrument_18_Ch01	Coefficient first Order B:	83.707938
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999630
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999260

Calibration Curve



Point Table
Peak: A1254-17/18

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-17/18	20.00	1731	19.1	-4.663	No	No
2	A1254-17/18	100.00	8512	100.1	0.075	No	No
3	A1254-17/18	250.00	22240	264.1	5.630	No	No
4	A1254-17/18	500.00	42223	502.8	0.560	No	No
5	A1254-17/18	1000.00	82502	984.0	-1.602	No	No

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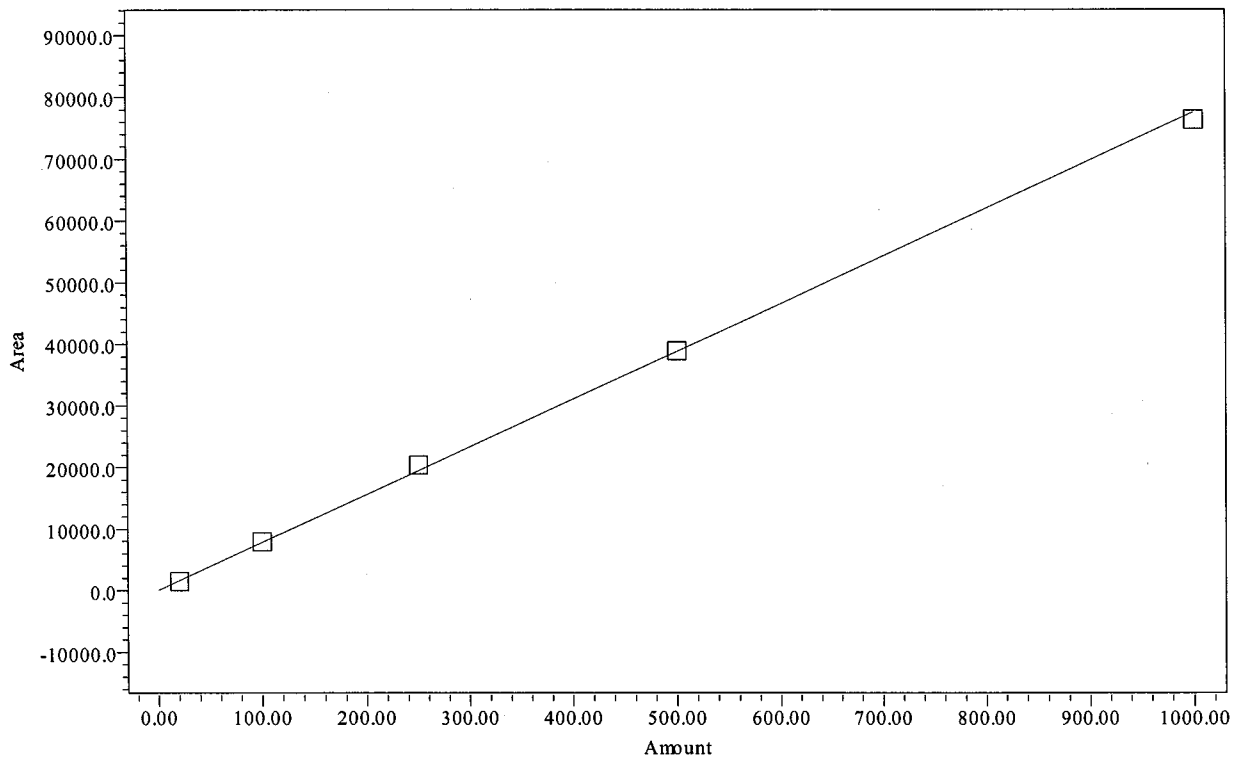
Name:	A1254-19/20	Coefficient constant A:	76.297167
System Name:	Instrument_18_Ch01	Coefficient first Order B:	77.419879
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999685
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999370

Calibration Curve



Point Table
Peak: A1254-19/20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-19/20	20.00	1545	19.0	-5.162	No	No
2	A1254-19/20	100.00	7908	101.2	1.154	No	No
3	A1254-19/20	250.00	20417	262.7	5.091	No	No
4	A1254-19/20	500.00	38943	502.0	0.404	No	No
5	A1254-19/20	1000.00	76345	985.1	-1.487	No	No

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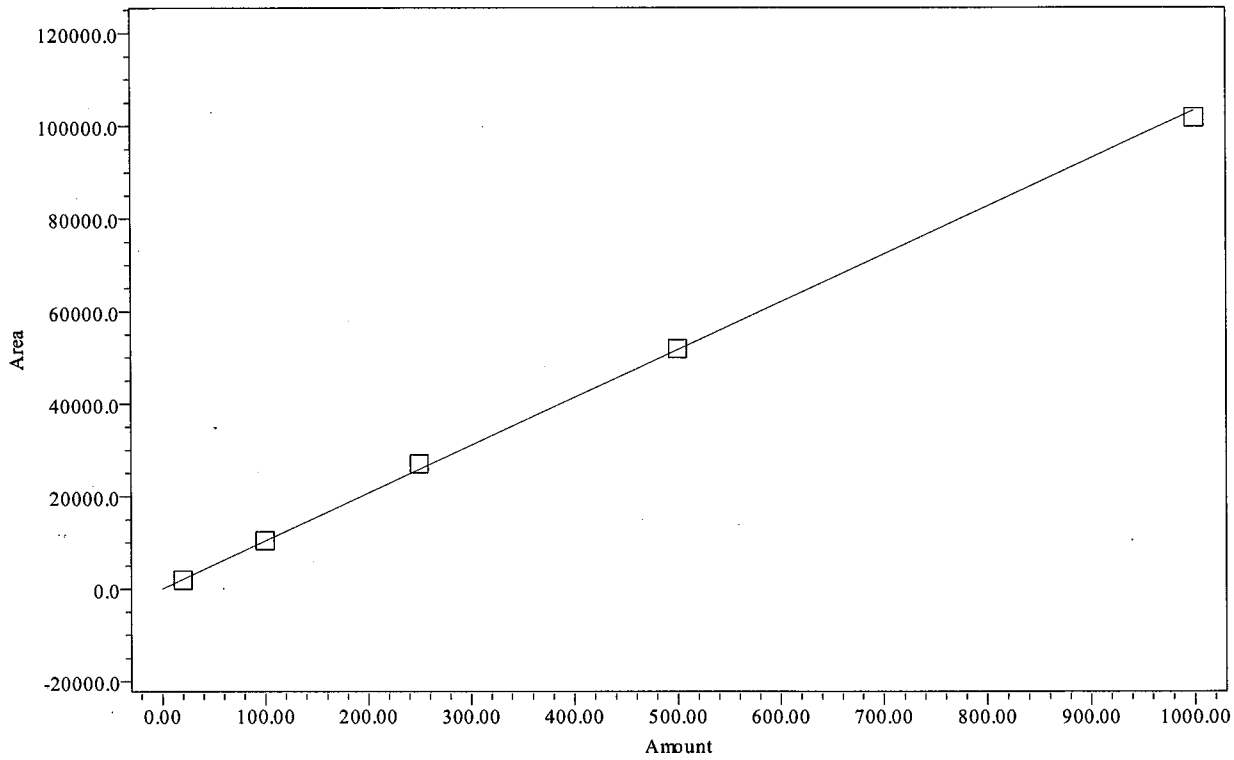
Name:	A1254-20	Coefficient constant A:	0.971461
System Name:	Instrument_18_Ch01	Coefficient first Order B:	103.243654
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999724
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999447

Calibration Curve



Point Table
Peak: A1254-20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-20	20.00	1976	19.1	-4.352	No	No
2	A1254-20	100.00	10373	100.5	0.461	No	No
3	A1254-20	250.00	27058	262.1	4.827	No	No
4	A1254-20	500.00	51860	502.3	0.460	No	No
5	A1254-20	1000.00	101804	986.0	-1.396	No	No

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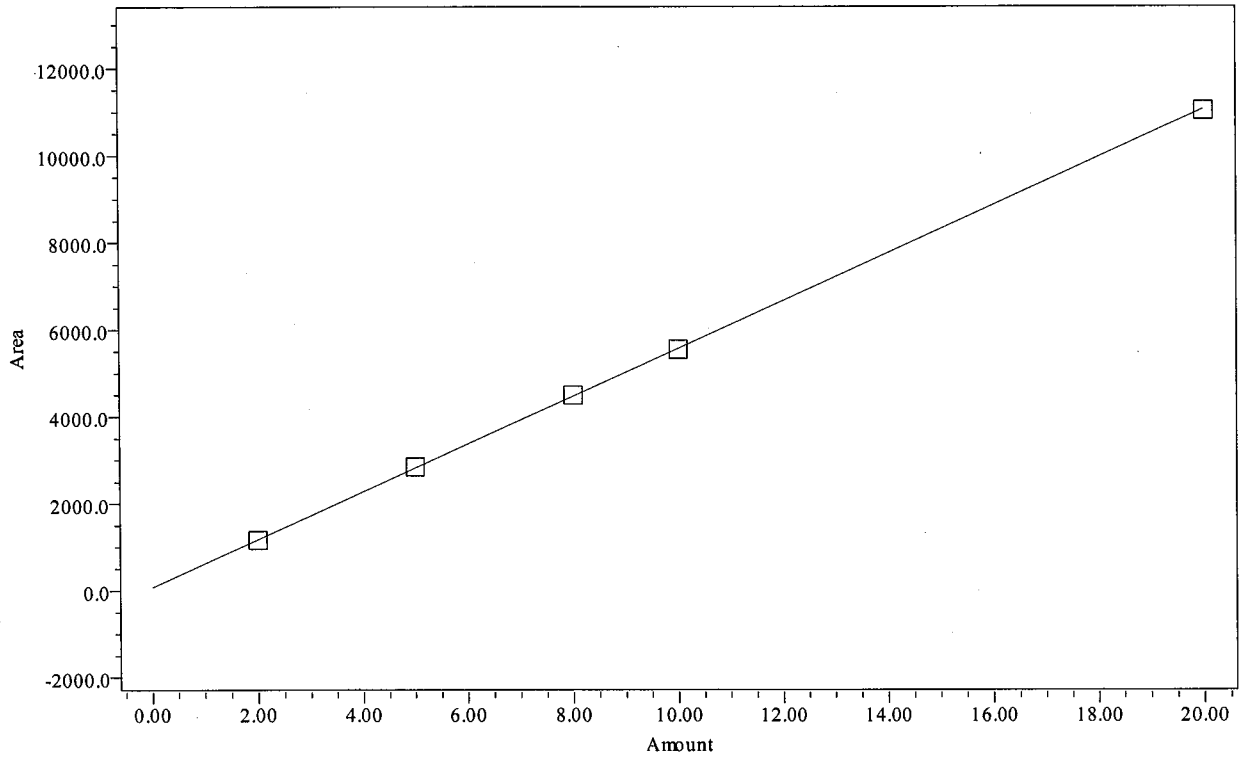
Name:	TCMX	Coefficient constant A:	74.064280
System Name:	Instrument_18_Ch01	Coefficient first Order B:	548.741910
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999967
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999933

Calibration Curve



Point Table
Peak: TCMX

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	TCMX	2.00	1160	2.0	-1.063	No	No
2	TCMX	5.00	2847	5.1	1.049	No	No
3	TCMX	8.00	4490	8.0	0.602	No	No
4	TCMX	10.00	5541	10.0	-0.381	No	No
5	TCMX	20.00	11026	20.0	-0.206	No	No

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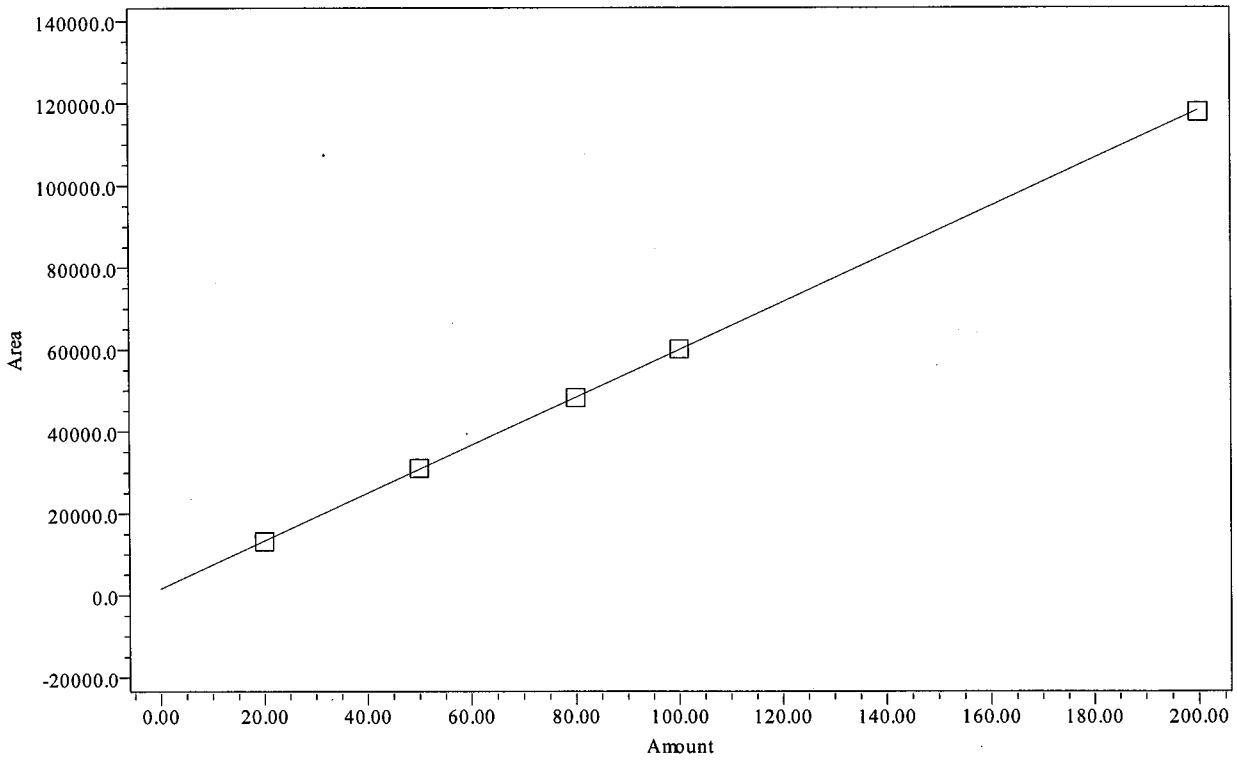
Name:	DCBP	Coefficient constant A:	1605.110711
System Name:	Instrument_18_Ch01	Coefficient first Order B:	582.772351
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999967
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999934

Calibration Curve



Point Table
Peak: DCBP

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	DCBP	20.00	13131	19.8	-1.108	No	No
2	DCBP	50.00	31076	50.6	1.141	No	No
3	DCBP	80.00	48185	79.9	-0.090	No	No
4	DCBP	100.00	60110	100.4	0.391	No	No
5	DCBP	200.00	117770	199.3	-0.334	No	No

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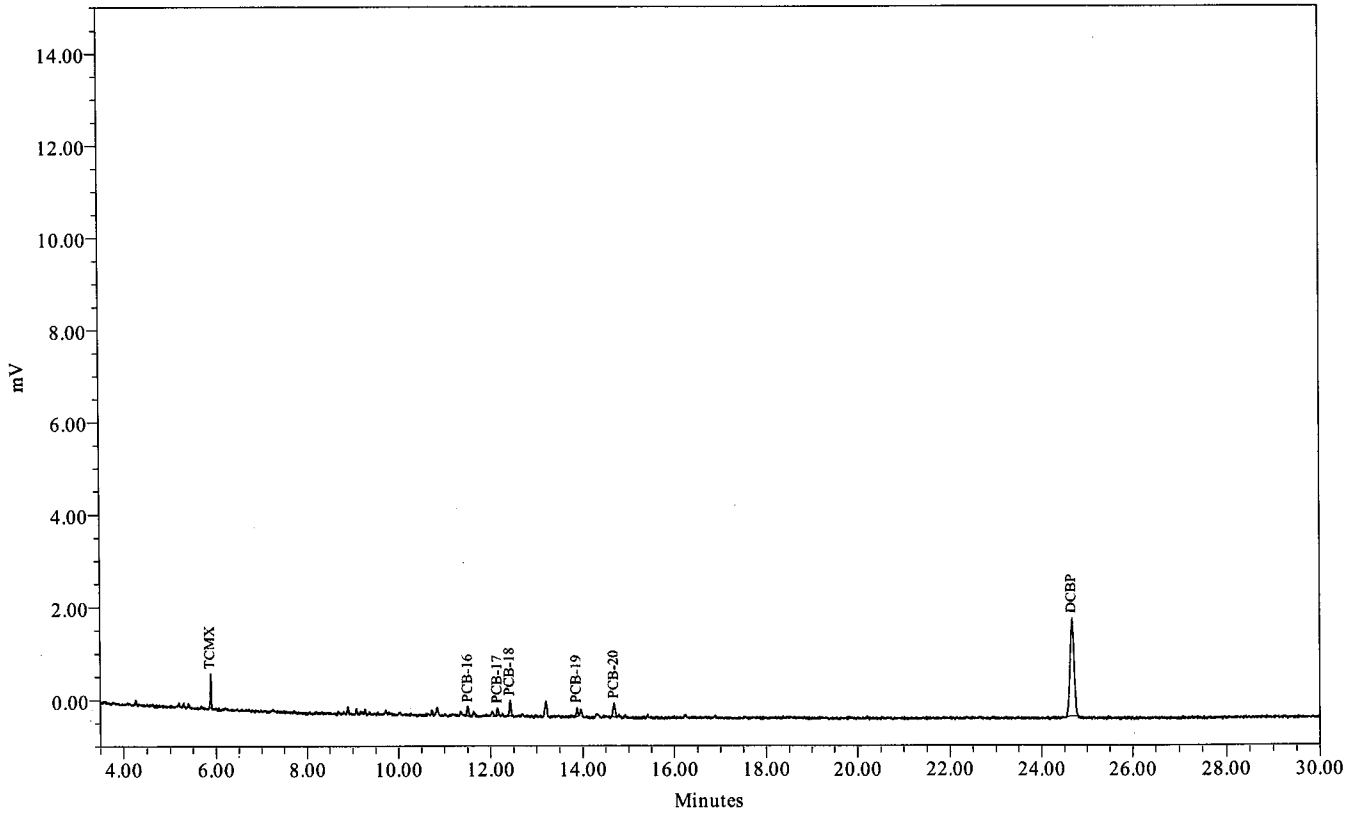
Sample Name:	112554A	Sample Amount:	1
Sample ID:	A1254 20 PPB	Dilution:	1
Date Acquired:	11/26/2008 05:11:00 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:25:00 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:08:50 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.889	bb	1160	2.000
2	PCB-16	11.515	bb	461	
3	PCB-17	12.155	bb	347	
4	PCB-18	12.427	bb	737	
5	PCB-19	13.877	bb	431	
6	PCB-20	14.686	bb	839	
7	DCBP	24.675	bb	13131	20.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	2815	20.000
2	A1254-17/18	1731	20.000
3	A1254-19/20	1545	20.000
4	A1254-20	1976	20.000
5	A1260	839	
6	A1260-23/24	839	
7	A1262	839	



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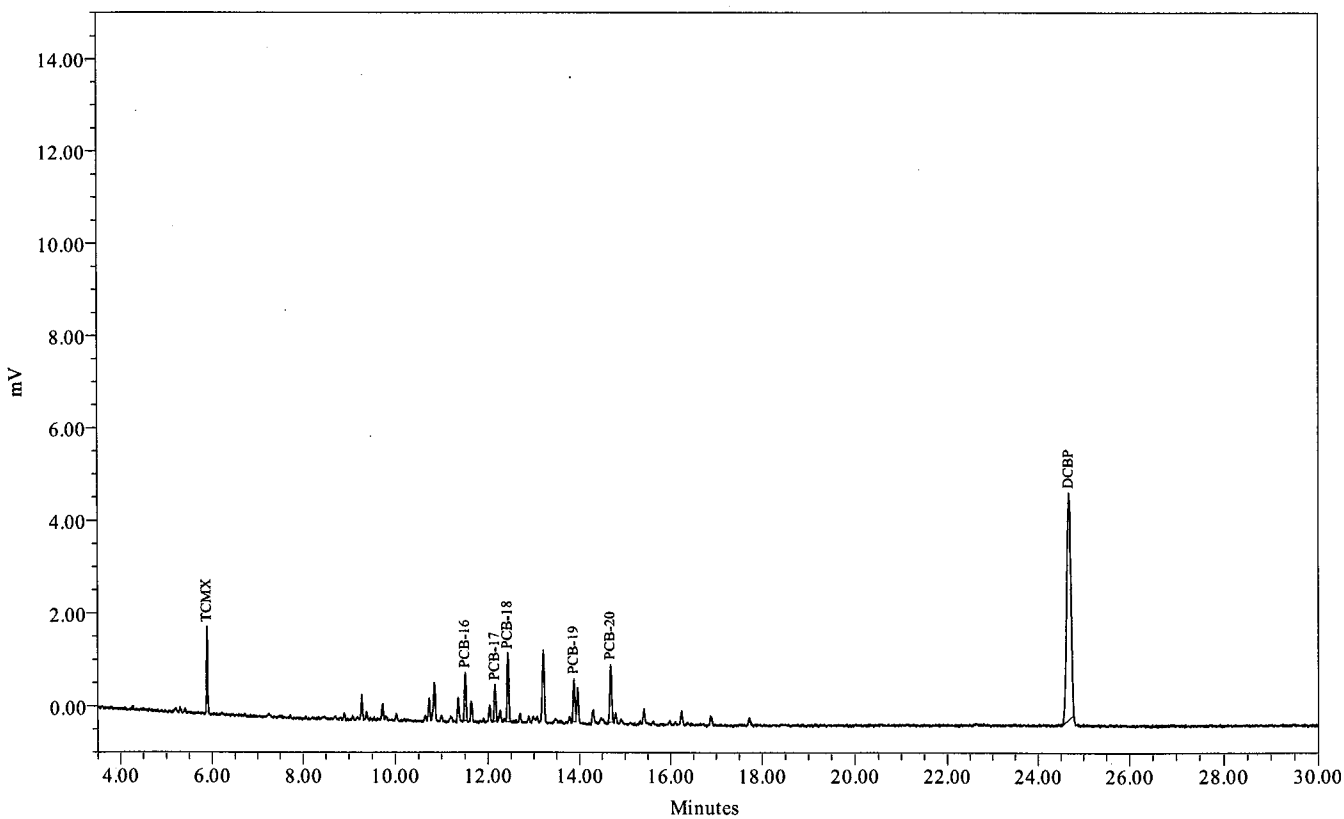
Sample Name:	112554B	Sample Amount:	1
Sample ID:	A1254 100 PPB	Dilution:	1
Date Acquired:	11/26/2008 05:43:29 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:25:21 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:09:07 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.893	bb	2847	5.000
2	PCB-16	11.513	bb	2384	
3	PCB-17	12.157	bb	1872	
4	PCB-18	12.432	bb	3652	
5	PCB-19	13.883	bV	2465	
6	PCB-20	14.690	bb	3663	
7	DCBP	24.681	bb	31076	50.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	14036	100.000
2	A1254-17/18	8512	100.000
3	A1254-19/20	7908	100.000
4	A1254-20	10373	100.000
5	A1260	3663	
6	A1260-23/24	3663	
7	A1262	3663	



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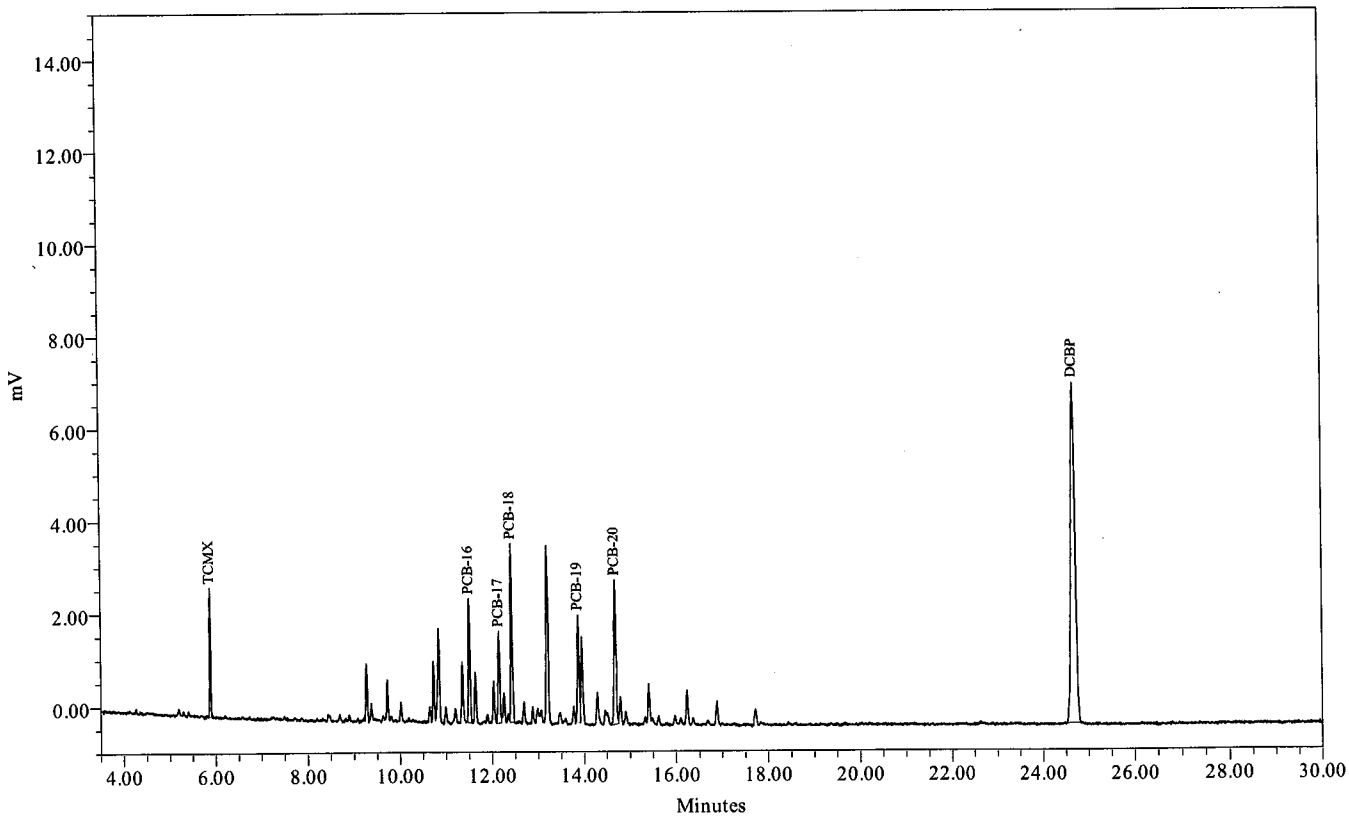
Sample Name:	112554C	Sample Amount:	1
Sample ID:	A1254 250 PPB	Dilution:	1
Date Acquired:	11/26/2008 06:15:58 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:22:06 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:09:17 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.890	bb	4490	8.000
2	PCB-16	11.510	bb	6147	
3	PCB-17	12.154	bV	4979	
4	PCB-18	12.428	vb	9290	
5	PCB-19	13.880	bV	6641	
6	PCB-20	14.687	bV	9452	
7	DCBP	24.680	bb	48185	80.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	36509	250.000
2	A1254-17/18	22240	250.000
3	A1254-19/20	20417	250.000
4	A1254-20	27058	250.000
5	A1260	9452	
6	A1260-23/24	9452	
7	A1262	9452	



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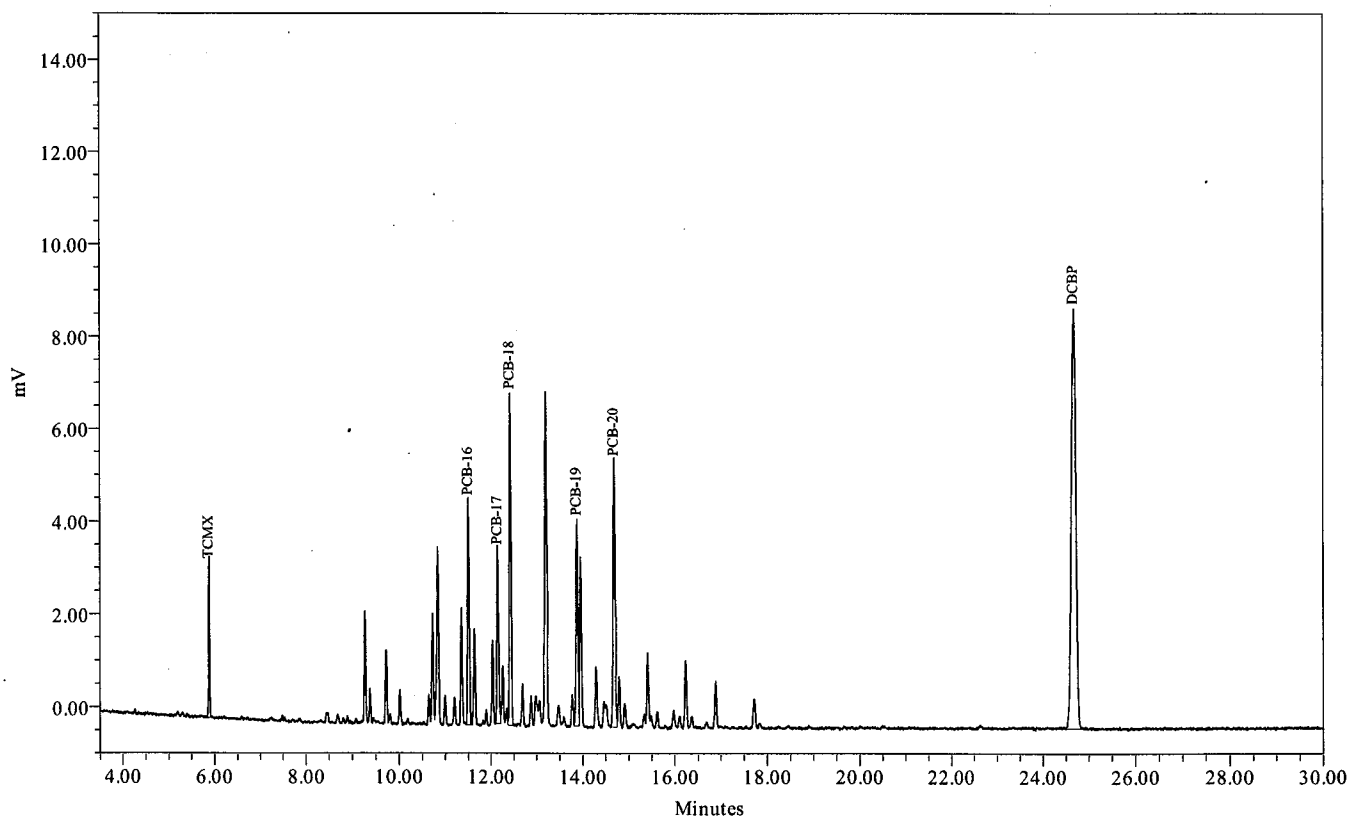
Sample Name:	112554D	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 06:48:27 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:22:52 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:09:34 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.888	bb	5541	10.000
2	PCB-16	11.508	bb	11690	
3	PCB-17	12.152	bV	9542	
4	PCB-18	12.428	Vb	17711	
5	PCB-19	13.879	VV	12917	
6	PCB-20	14.685	bV	17616	
7	DCBP	24.674	bb	60110	100.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	69476	500.000
2	A1254-17/18	42223	500.000
3	A1254-19/20	38943	500.000
4	A1254-20	51860	500.000
5	A1260	17616	
6	A1260-23/24	17616	
7	A1262	17616	



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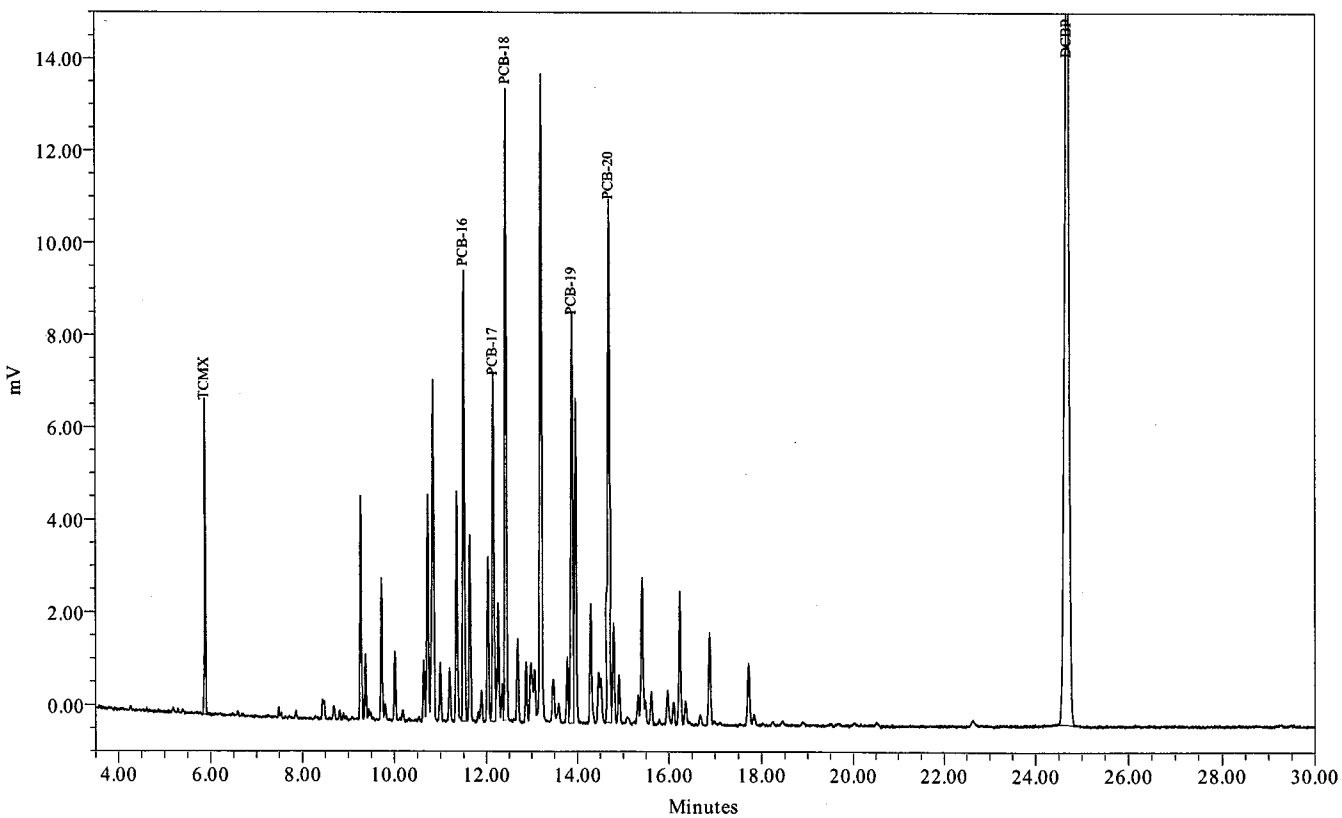
Sample Name:	112554E	Sample Amount:	1
Sample ID:	A1254 1000 PPB	Dilution:	1
Date Acquired:	11/26/2008 07:20:56 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 09:23:20 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:09:44 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.888	bb	11026	20.000
2	PCB-16	11.507	Vb	22882	
3	PCB-17	12.152	VV	19020	
4	PCB-18	12.427	Vb	34443	
5	PCB-19	13.879	VV	25459	
6	PCB-20	14.684	bV	34161	
7	DCBP	24.675	bb	117770	200.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	135965	1000.000
2	A1254-17/18	82502	1000.000
3	A1254-19/20	76345	1000.000
4	A1254-20	101804	1000.000
5	A1260	34161	
6	A1260-23/24	34161	
7	A1262	34161	



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System Name:	Instrument_18_Ch01	Date Calibrated:	11/26/2008 13:10:52 EST
Sample Set Name:	GC18F_8082CC_112508	Method Report:	CCSum by RF 02
Sample Set Date:	11/25/2008 14:27:09 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1260	A1260-20	A1260-23/24
1	112560A	198.6483	136.0411	172.3344
2	112560B	198.5842	145.7268	165.4963
3	112560C	194.6697	144.7196	161.1253
4	112560D	199.4289	149.1934	164.0366
5	112560E	190.9103	143.8063	155.9211
Mean		196.448	143.897	163.783
Std.Dev.		3.610	4.843	6.021
% RSD		1.84	3.37	3.68

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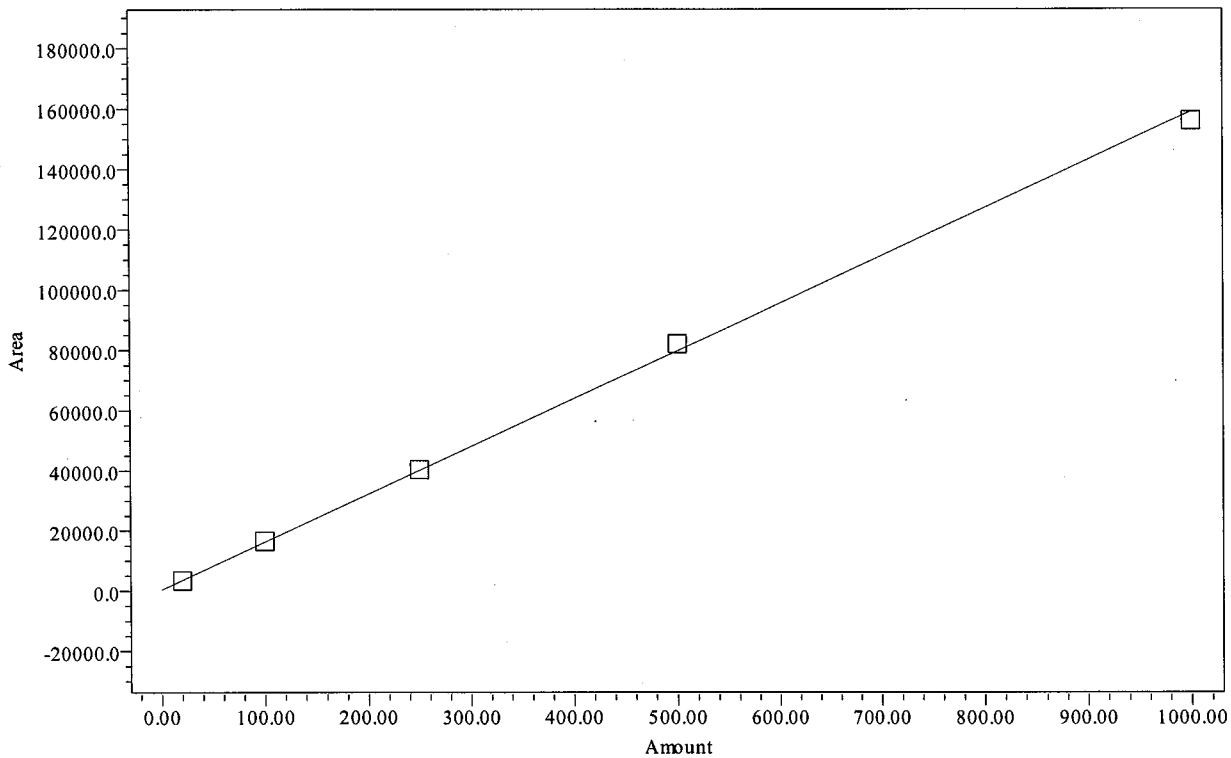
Name:	A1260-23/24	Coefficient constant A:	401.669204
System Name:	Instrument_18_Ch01	Coefficient first Order B:	158.400353
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999707
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999415

Calibration Curve



Point Table
Peak: A1260-23/24

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260-23/24	20.00	3447	19.2	-3.882	No	No
2	A1260-23/24	100.00	16550	101.9	1.944	No	No
3	A1260-23/24	250.00	40281	251.8	0.706	No	No
4	A1260-23/24	500.00	82018	515.3	3.051	No	No
5	A1260-23/24	1000.00	155921	981.8	-1.819	No	No

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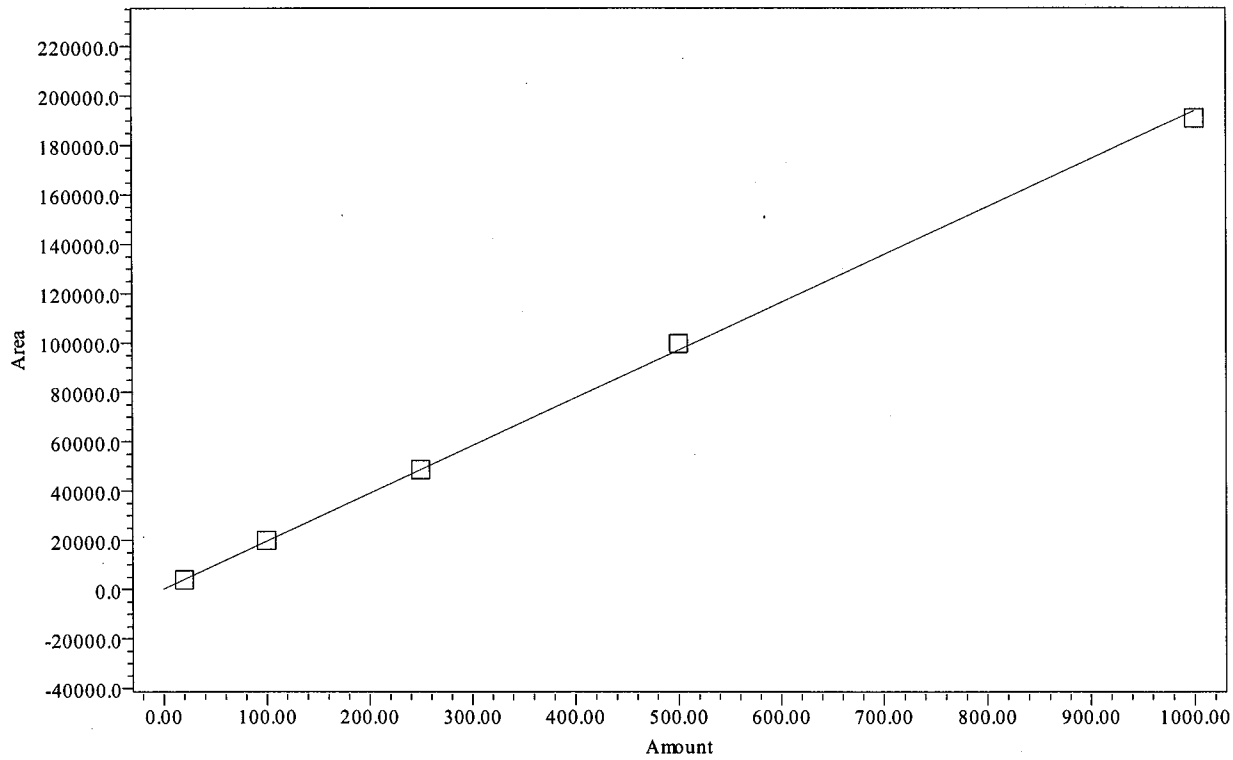
Name:	A1260	Coefficient constant A:	211.124015
System Name:	Instrument_18_Ch01	Coefficient first Order B:	193.619228
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999782
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999564

Calibration Curve



Point Table
Peak: A1260

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260	20.00	3973	19.4	-2.855	No	No
2	A1260	100.00	19858	101.5	1.474	No	No
3	A1260	250.00	48667	250.3	0.106	No	No
4	A1260	500.00	99714	513.9	2.782	No	No
5	A1260	1000.00	190910	984.9	-1.508	No	No

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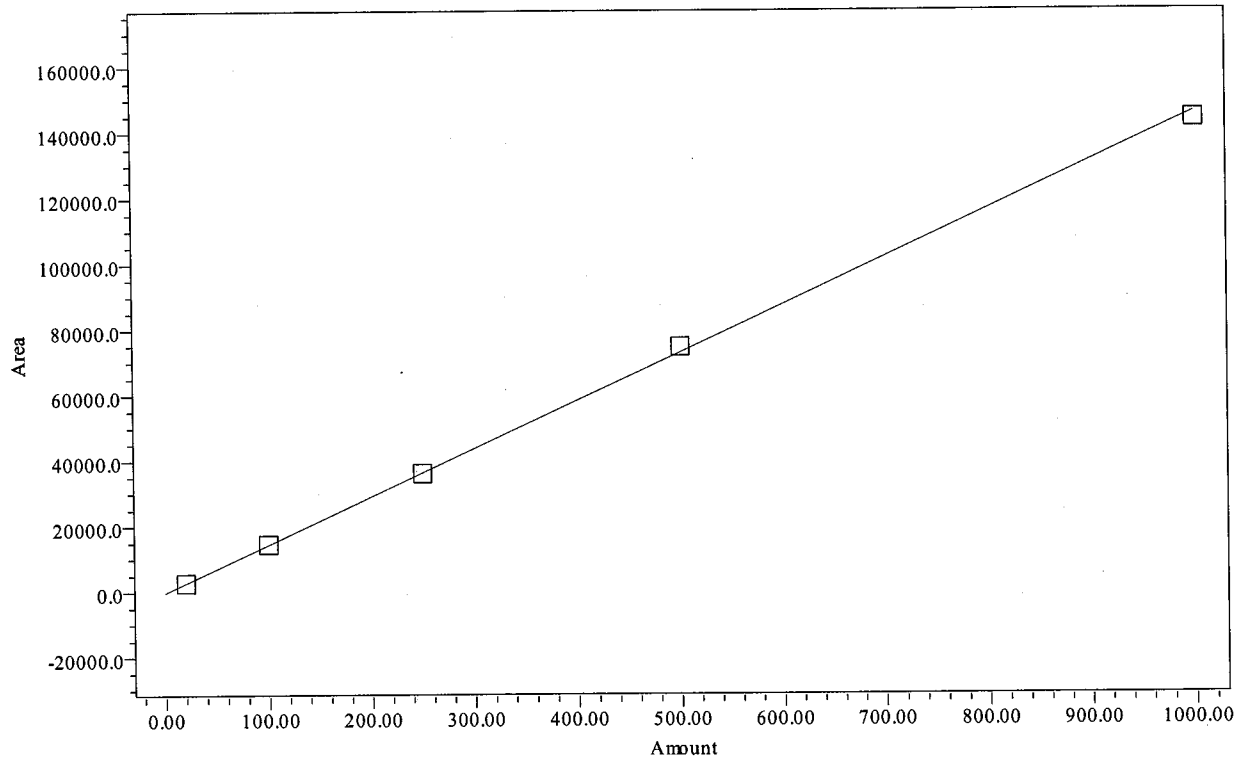
Name:	A1260-20	Coefficient constant A:	-139.006138
System Name:	Instrument_18_Ch01	Coefficient first Order B:	145.760107
Date Calibrated:	11/26/2008 13:10:52 EST	Coefficient first Order C:	0.000000
Processing Method:	GC18F_8082CC_112508	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999834
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999668

Calibration Curve



Point Table
Peak: A1260-20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260-20	20.00	2721	19.6	-1.899	No	No
2	A1260-20	100.00	14573	100.9	0.931	No	No
3	A1260-20	250.00	36180	249.2	-0.332	No	No
4	A1260-20	500.00	74597	512.7	2.546	No	No
5	A1260-20	1000.00	143806	987.5	-1.245	No	No

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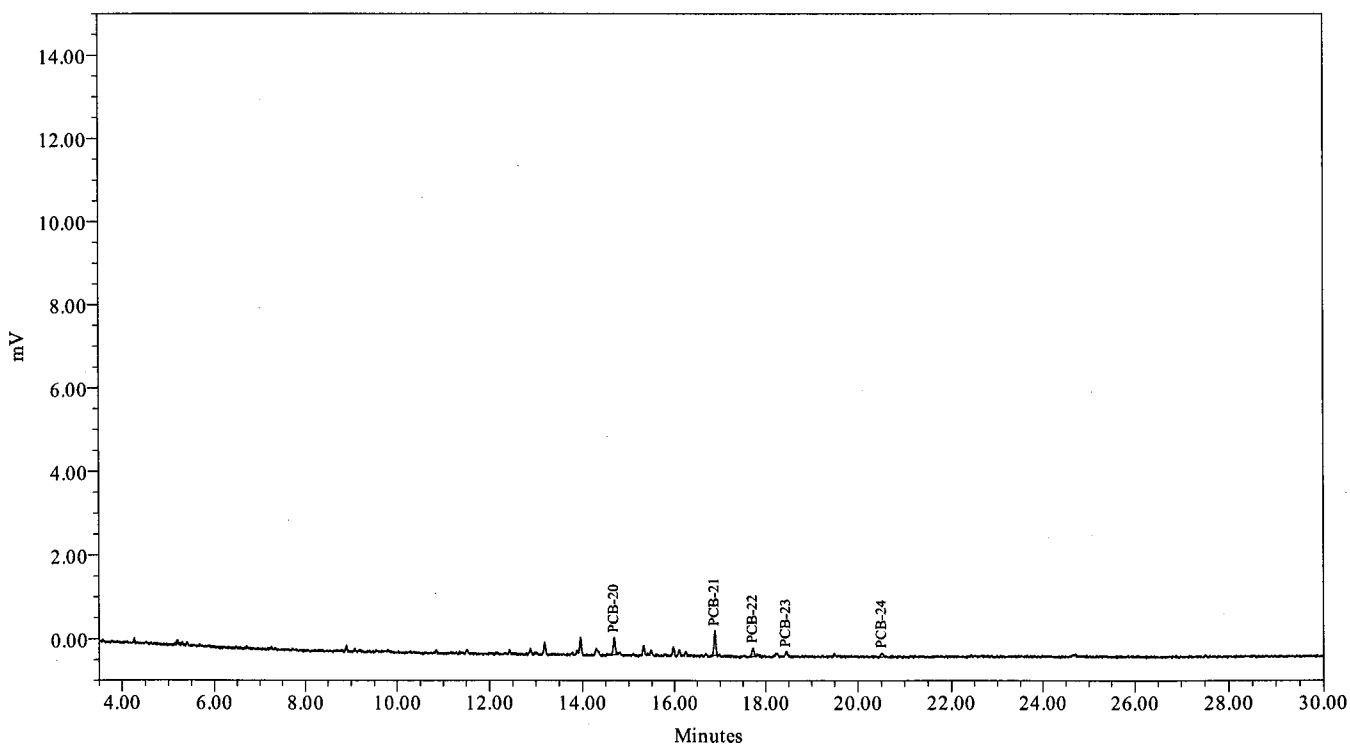
Sample Name:	112560A	Sample Amount:	1
Sample ID:	A1260 20 PPB	Dilution:	1
Date Acquired:	11/26/2008 07:53:25 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:09:29 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:06:55 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.688	bb	1252
2	PCB-21	16.886	bb	1517
3	PCB-22	17.727	bb	677
4	PCB-23	18.450	bb	244
5	PCB-24	20.520	bb	283

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	1252	
2	A1254-17/18	1252	
3	A1260	3973	20.000
4	A1260-20	2721	20.000
5	A1260-23/24	3447	20.000
6	A1262	3973	
7	A1268	526	



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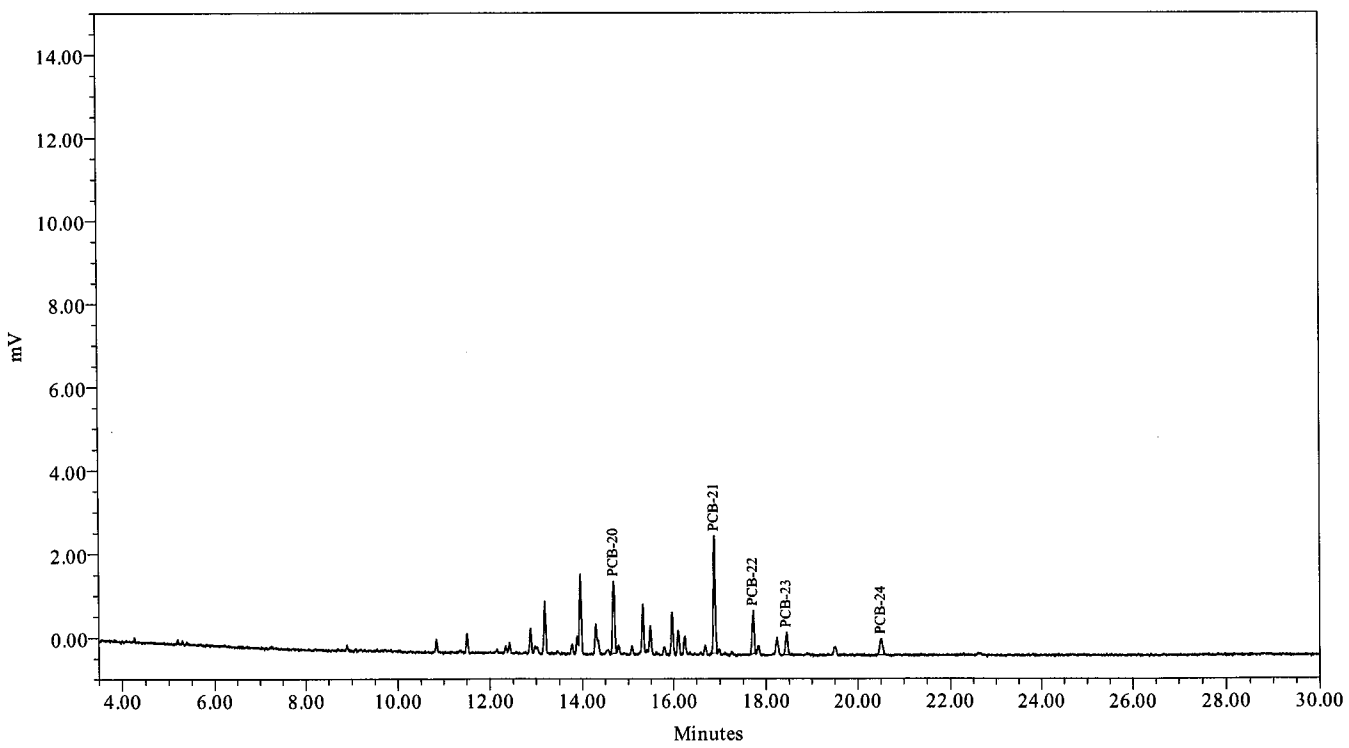
Sample Name:	112560B	Sample Amount:	1
Sample ID:	A1260 100 PPB	Dilution:	1
Date Acquired:	11/26/2008 08:25:54 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:09:46 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:07:04 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.687	bb	5286
2	PCB-21	16.885	bb	8066
3	PCB-22	17.726	bb	3198
4	PCB-23	18.453	bb	1730
5	PCB-24	20.514	bb	1579

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	5286	
2	A1254-17/18	5286	
3	A1260	19858	100.000
4	A1260-20	14573	100.000
5	A1260-23/24	16550	100.000
6	A1262	19858	
7	A1268	3309	



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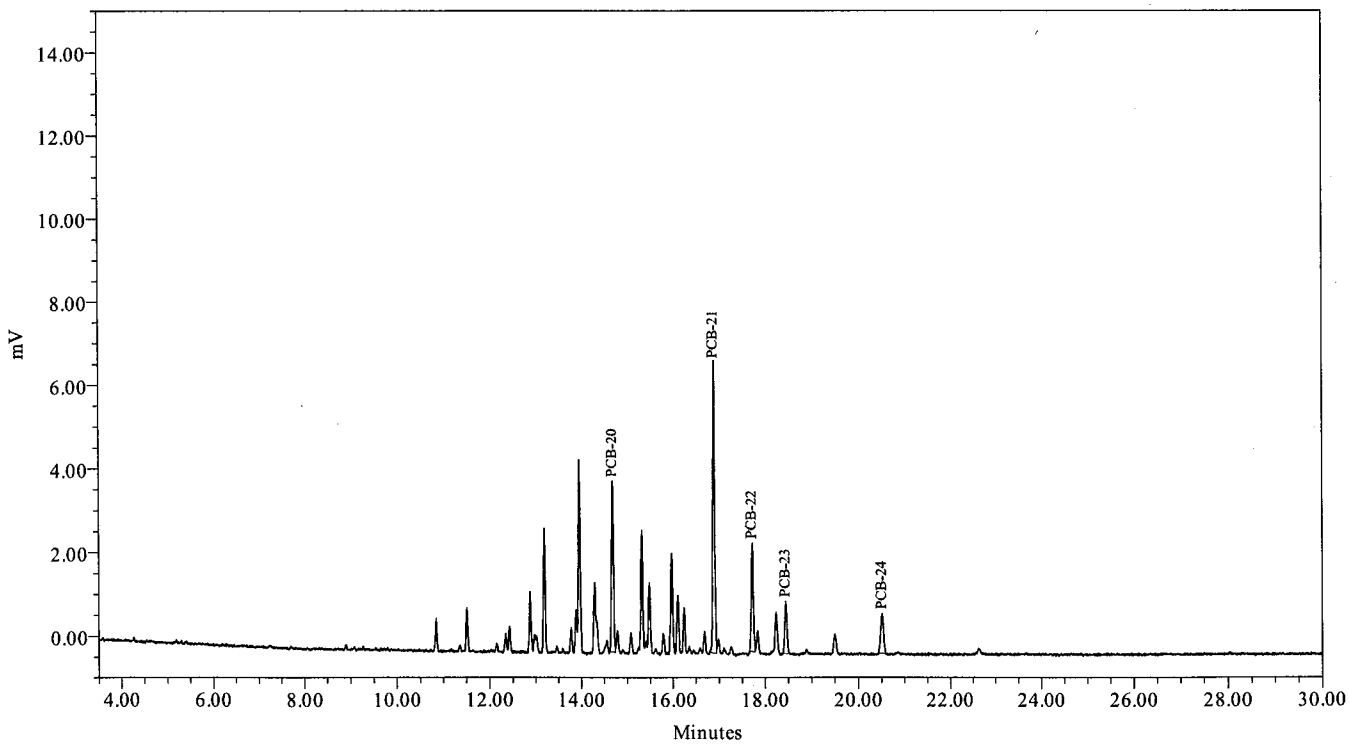
Sample Name:	112560C	Sample Amount:	1
Sample ID:	A1260 250 PPB	Dilution:	1
Date Acquired:	11/26/2008 08:58:24 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:10:03 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:07:21 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.689	bV	12488
2	PCB-21	16.886	bV	19900
3	PCB-22	17.725	bV	7893
4	PCB-23	18.452	bb	4312
5	PCB-24	20.518	bb	4075

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	12488	
2	A1254-17/18	12488	
3	A1260	48667	250.000
4	A1260-20	36180	250.000
5	A1260-23/24	40281	250.000
6	A1262	48667	
7	A1268	8386	



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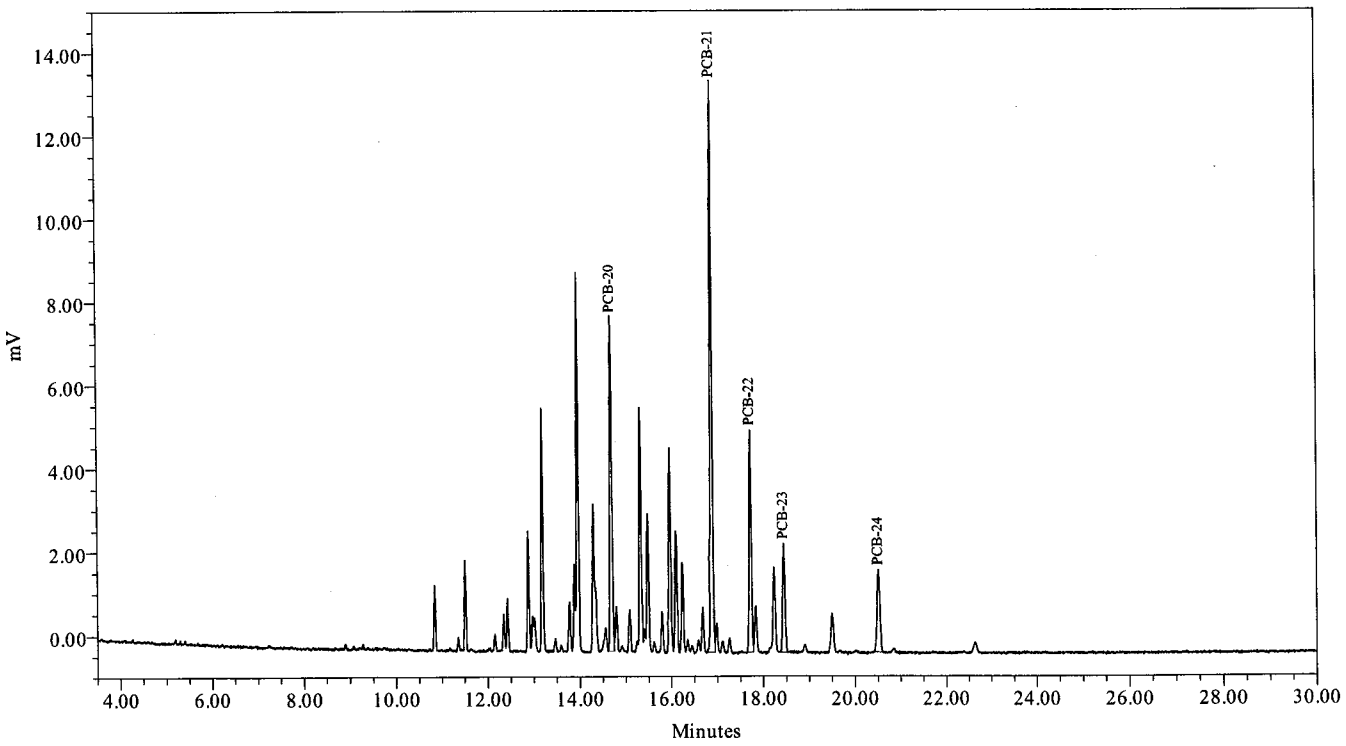
Sample Name:	112560D	Sample Amount:	1
Sample ID:	A1260 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 09:30:53 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:10:24 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:07:30 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.689	bV	25118
2	PCB-21	16.886	bV	40114
3	PCB-22	17.727	bV	16786
4	PCB-23	18.452	bb	9069
5	PCB-24	20.516	bb	8628

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	25118	
2	A1254-17/18	25118	
3	A1260	99714	500.000
4	A1260-20	74597	500.000
5	A1260-23/24	82018	500.000
6	A1262	99714	
7	A1268	17696	



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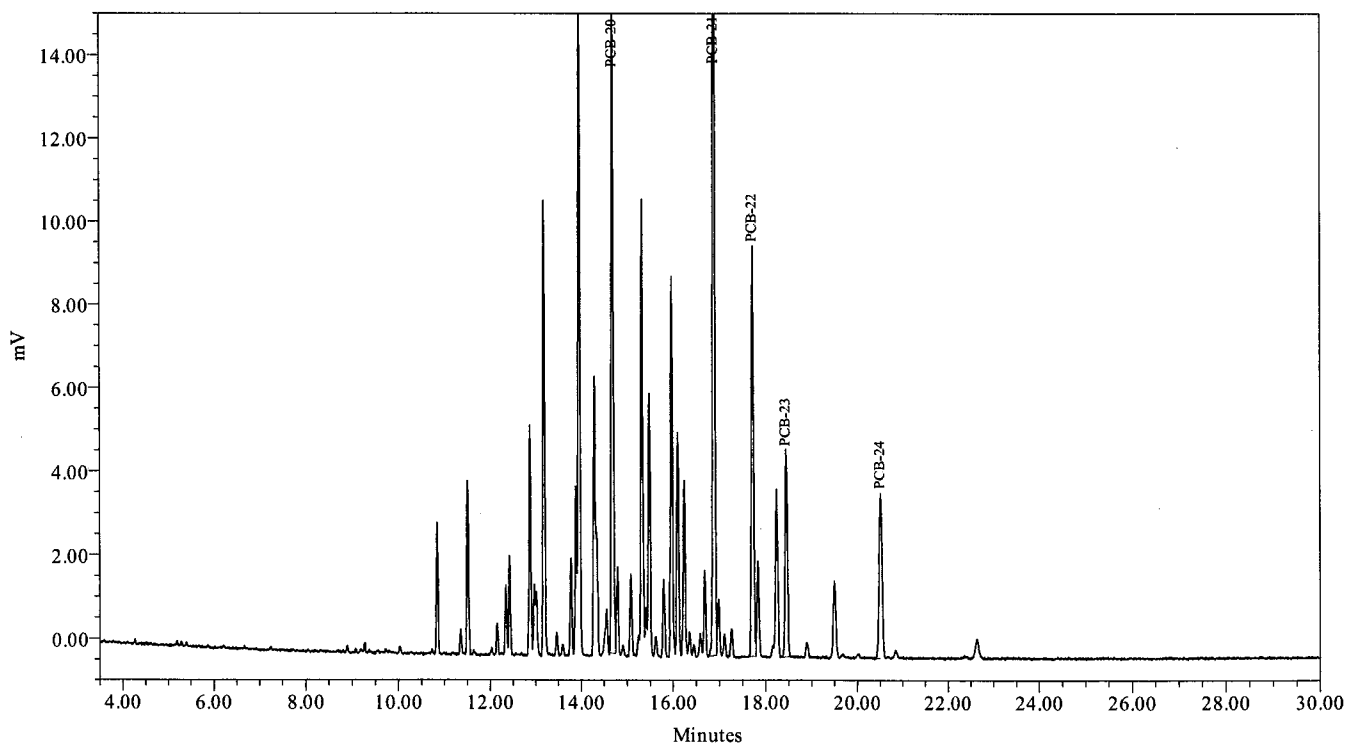
Sample Name:	112560E	Sample Amount:	1
Sample ID:	A1260 1000 PPB	Dilution:	1
Date Acquired:	11/26/2008 10:03:23 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:10:42 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:07:48 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.689	bV	47104
2	PCB-21	16.887	bV	76279
3	PCB-22	17.726	bV	32538
4	PCB-23	18.451	bb	17596
5	PCB-24	20.514	bb	17393

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	47104	
2	A1254-17/18	47104	
3	A1260	190910	1000.000
4	A1260-20	143806	1000.000
5	A1260-23/24	155921	1000.000
6	A1262	190910	
7	A1268	34989	



Initial/Continuing Calibration Data

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 08120163
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC18F-752-39	CS161125A	ICV	524	500	4.81	11/26/2008 11:08:21
Aroclor 1221	GC18F-752-40	CS211125A	ICV	545	500	8.97	11/26/2008 11:40:50
Aroclor 1232	GC18F-752-41	CS321125A	ICV	500	500	-0.0426	11/26/2008 12:13:21
Aroclor 1242	GC18F-752-42	CS421125A	ICV	486	500	-2.79	11/26/2008 12:45:49
Aroclor 1248	GC18F-752-43	CS481125A	ICV	499	500	-0.252	11/26/2008 13:18:18
Aroclor 1254	GC18F-752-44	CS541125A	ICV	504	500	0.848	11/26/2008 13:50:48
Aroclor 1260	GC18F-752-45	CS601125A	ICV	514	500	2.80	11/26/2008 14:23:17
Aroclor 1232	GC18F-770-14	CS321223A	CCV	499	500	-0.205	12/23/2008 18:36:58
Aroclor 1242	GC18F-770-24	CS421223A	CCV	492	500	-1.60	12/24/2008 00:01:50
Aroclor 1248	GC18F-770-34	CS481223A	CCV	531	500	6.11	12/24/2008 05:26:36
Aroclor 1254	GC18F-770-44	CS541223A	CCV	538	500	7.61	12/24/2008 10:51:25

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 08120163
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB* TYPE	PEAK	RT	RT WINDOW FROM	TO
Aroclor 1016	GC18F-752-39	CS161125A	ICV	1	7.49	7.41	7.57
			ICV	2	7.86	7.78	7.94
			ICV	3	8.48	8.40	8.56
			ICV	4	8.68	8.60	8.76
			ICV	5	8.82	8.74	8.90
Aroclor 1221	GC18F-752-40	CS211125A	ICV	1	4.50	4.42	4.58
			ICV	2	5.73	5.65	5.81
			ICV	3	6.28	6.20	6.36
			ICV	4	6.48	6.40	6.56
			ICV	5	6.60	6.52	6.68
Aroclor 1232	GC18F-752-41	CS321125A	ICV	1	6.60	6.52	6.68
			ICV	2	7.86	7.78	7.94
			ICV	3	8.47	8.39	8.55
			ICV	4	8.68	8.60	8.76
			ICV	5	8.82	8.74	8.90
Aroclor 1242	GC18F-752-42	CS421125A	ICV	1	7.49	7.41	7.57
			ICV	2	7.86	7.78	7.94
			ICV	3	8.48	8.40	8.56
			ICV	4	8.68	8.60	8.76
			ICV	5	8.82	8.74	8.90
Aroclor 1248	GC18F-752-43	CS481125A	ICV	1	9.38	9.30	9.46
			ICV	2	10.02	9.94	10.10
			ICV	3	10.65	10.57	10.73
			ICV	4	10.81	10.73	10.89
			ICV	5	11.20	11.12	11.28
Aroclor 1254	GC18F-752-44	CS541125A	ICV	1	11.51	11.43	11.59
			ICV	2	12.15	12.07	12.23
			ICV	3	12.43	12.35	12.51
			ICV	4	13.88	13.80	13.96
			ICV	5	14.68	14.60	14.76
Aroclor 1260	GC18F-752-45	CS601125A	ICV	1	14.69	14.61	14.77
			ICV	2	16.89	16.81	16.97
			ICV	3	17.72	17.64	17.80
			ICV	4	18.45	18.37	18.53
			ICV	5	20.51	20.43	20.59

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 08120163
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1232	GC18F-770-14	CS321223A	CCV	1	6.60	6.52	6.68
			CCV	2	7.86	7.78	7.94
			CCV	3	8.47	8.39	8.55
			CCV	4	8.68	8.60	8.76
			CCV	5	8.82	8.74	8.90
Aroclor 1242	GC18F-770-24	CS421223A	CCV	1	7.49	7.41	7.57
			CCV	2	7.86	7.78	7.94
			CCV	3	8.47	8.40	8.56
			CCV	4	8.68	8.60	8.76
			CCV	5	8.82	8.74	8.90
Aroclor 1248	GC18F-770-34	CS481223A	CCV	1	9.37	9.30	9.46
			CCV	2	10.02	9.94	10.10
			CCV	3	10.64	10.57	10.73
			CCV	4	10.80	10.73	10.89
			CCV	5	11.20	11.12	11.28
Aroclor 1254	GC18F-770-44	CS541223A	CCV	1	11.51	11.43	11.59
			CCV	2	12.15	12.07	12.23
			CCV	3	12.42	12.35	12.51
			CCV	4	13.88	13.80	13.96
			CCV	5	14.68	14.60	14.76

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

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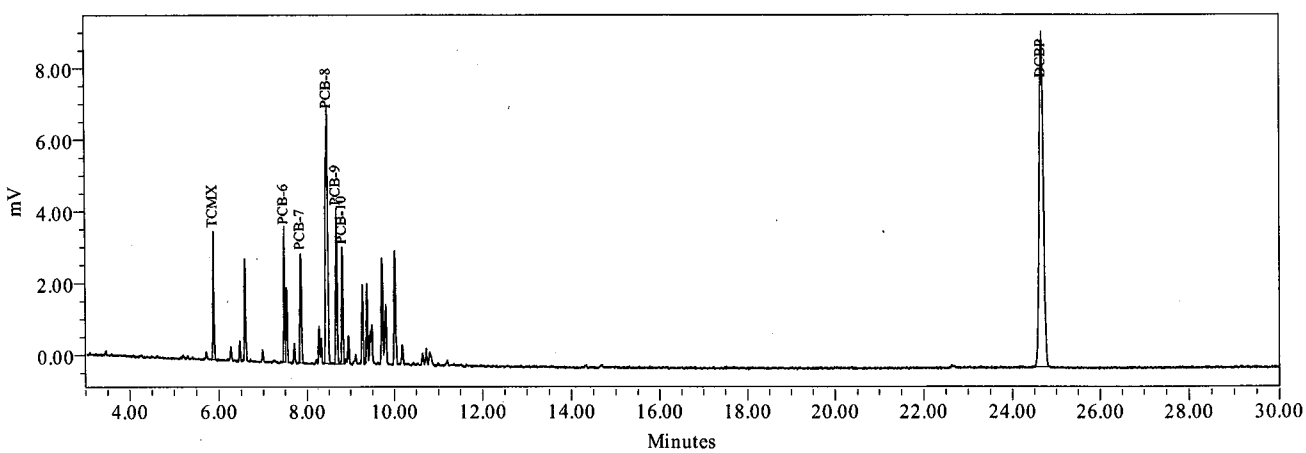
Sample Name:	CS161125A	Sample Amount:	1
Sample ID:	A1016 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 11:08:21 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:17:41 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:24:14 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-39

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.890	bb	5640	10.144	101.4	
2	PCB-6	7.489	bV	6662			
3	PCB-7	7.862	bb	6764			
4	PCB-8	8.475	bB	23188			
5	PCB-9	8.682	BB	9304			
6	PCB-10	8.819	BV	6429			
7	DCBP	24.674	bb	61300	102.432		102.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	52347	524.057	4.81	X	
2	A1232	45685	912.982	82.60		
3	A1232-8/9	13193	580.164	16.03		
4	A1242	52347	614.651	22.93		



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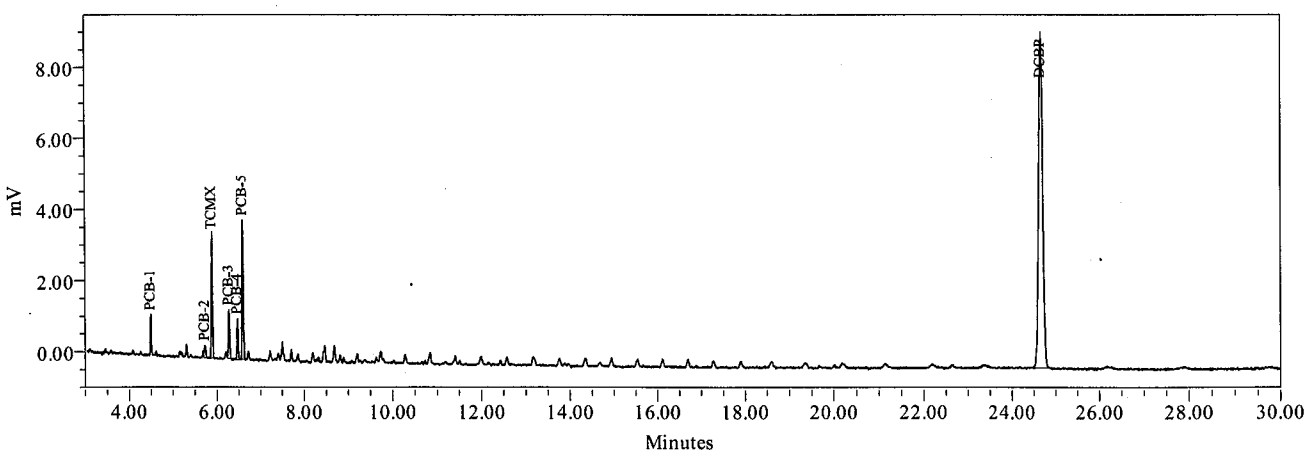
Sample Name:	CS211125A	Sample Amount:	1
Sample ID:	A1221 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 11:40:50 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:18:04 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:24:31 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-40

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.501	bb	1697			
2	PCB-2	5.728	Vb	847			
3	TCMX	5.889	bb	5826	10.481	104.8	
4	PCB-3	6.282	Vb	2769			
5	PCB-4	6.478	bb	1871			
6	PCB-5	6.597	bb	6999			
7	DCBP	24.670	bb	61969	103.580		103.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1221	14182	544.845	8.97	X	
2	A1221-2	13335	544.182	8.84		
3	A1221-5	7183	545.011	9.00		
4	A1232	6999	140.880	-71.82		
5	A1232-8/9	6999	309.201	-38.16		



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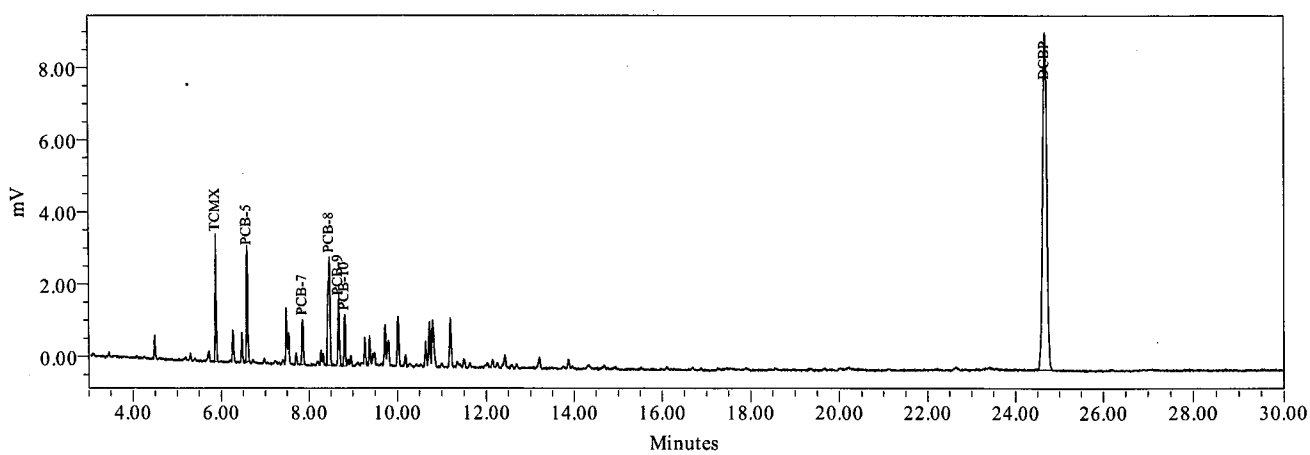
Sample Name:	CS321125A	Sample Amount:	1
Sample ID:	A1232 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 12:13:21 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:19:20 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:24:35 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-41

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.887	bb	5632	10.128	101.3	
2	PCB-5	6.595	bb	5619			
3	PCB-7	7.860	bb	2784			
4	PCB-8	8.473	bV	9622			
5	PCB-9	8.680	VB	4178			
6	PCB-10	8.817	BV	2778			
7	DCBP	24.673	bb	61010	101.936		101.9

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	19363	192.525	-61.49		
2	A1221	5619	215.131	-56.97		
3	A1221-2	5619	228.087	-54.38		
4	A1232	24982	499.787	-0.04	X	
5	A1232-8/9	11181	492.167	-1.57		
6	A1242	19363	225.092	-54.98		



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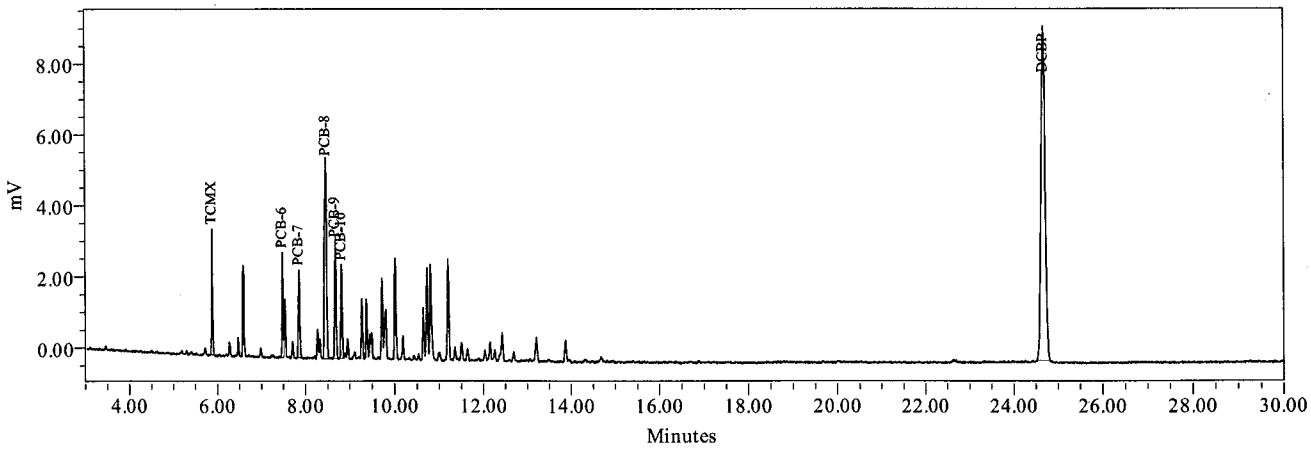
Sample Name:	CS421125A	Sample Amount:	1
Sample ID:	A1242 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 12:45:49 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	11/26/2008 13:19:43 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:24:45 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-42

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.890	bb	5531	9.944	99.4	
2	PCB-6	7.490	bV	5316			
3	PCB-7	7.863	bb	5344			
4	PCB-8	8.476	bB	18312			
5	PCB-9	8.682	BB	7391			
6	PCB-10	8.819	BV	5094			
7	DCBP	24.678	bb	59656	99.612		99.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	41457	414.598	-17.08		
2	A1232	36141	722.511	44.50		
3	A1232-8/9	10438	459.661	-8.07		
4	A1242	41457	486.033	-2.79	X	



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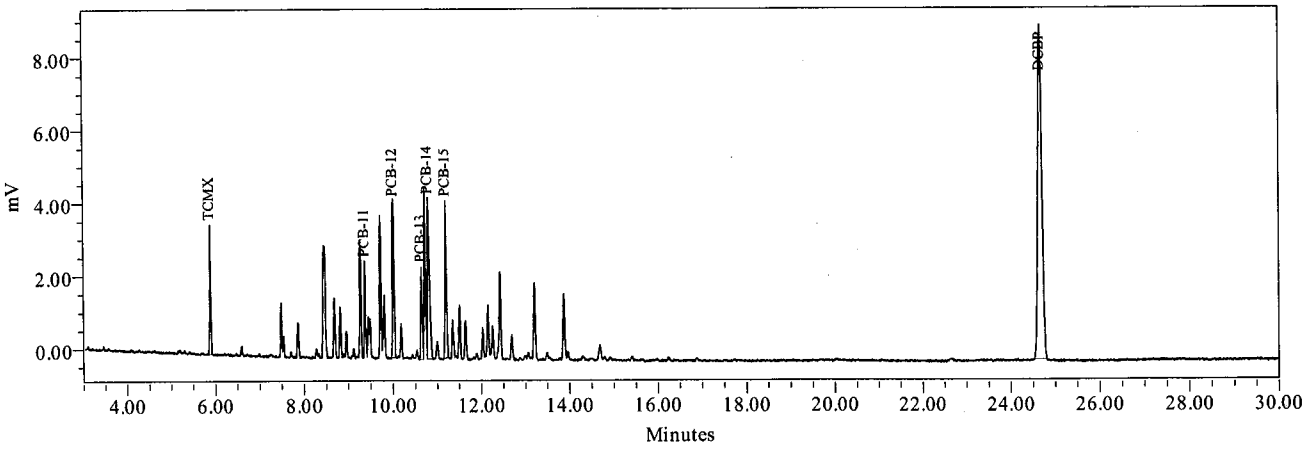
Sample Name:	CS481125A	Sample Amount:	1
Sample ID:	A1248 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 13:18:18 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/08/2008 13:11:20 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:24:55 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-43

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.890	bb	5616	10.100	101.0	
2	PCB-11	9.381	bV	5178			
3	PCB-12	10.021	bb	9992			
4	PCB-13	10.650	bV	5675			
5	PCB-14	10.809	Vb	13034			
6	PCB-15	11.205	bb	10159			
7	DCBP	24.677	bb	59490	99.327		99.3

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1248	44039	498.738	-0.25	X	
2	A1248-11/15	28701	501.931	0.39		
3	A1248-14/15	20846	504.157	0.83		



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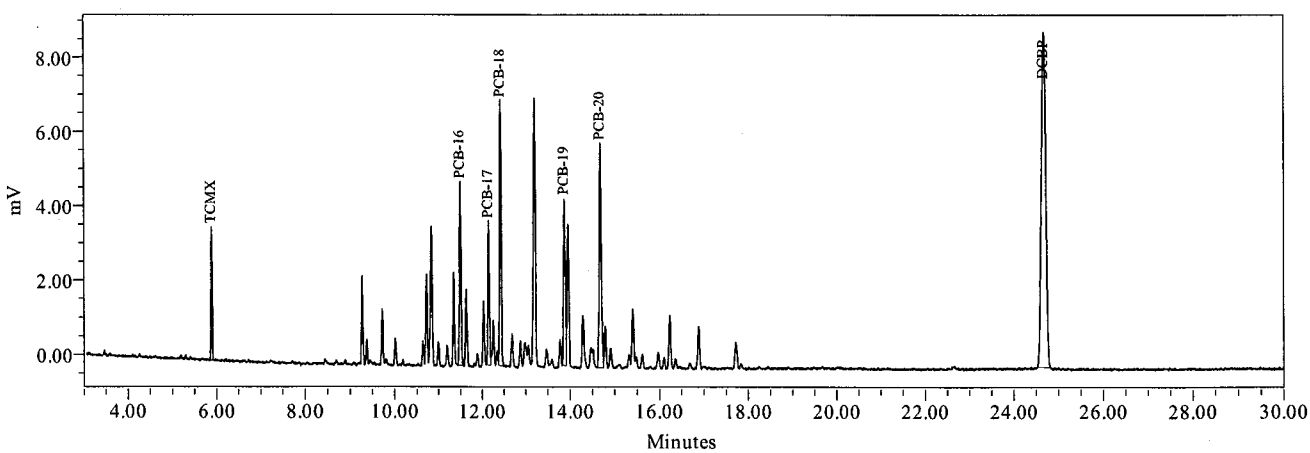
Sample Name:	CS541125A	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 13:50:48 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/08/2008 13:11:50 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:25:25 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_1254_	LIMS File ID:	GC18F-752-44

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.890	bb	5625	10.116	101.2	
2	PCB-16	11.509	bb	12001			
3	PCB-17	12.154	bV	9345			
4	PCB-18	12.429	Vb	17503			
5	PCB-19	13.880	bV	12643			
6	PCB-20	14.684	bV	18227			
7	DCBP	24.672	bb	60456	100.985		101.0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff	Report	Note
1	A1254	69720	504.239	0.85	X	
2	A1254-17/18	42871	510.538	2.11		
3	A1254-19/20	38849	500.815	0.16		
4	A1254-20	51493	498.739	-0.25		
5	A1260	18227	93.048	-81.39		
6	A1260-23/24	18227	112.533	-77.49		
7	A1262	18227		-100.00		



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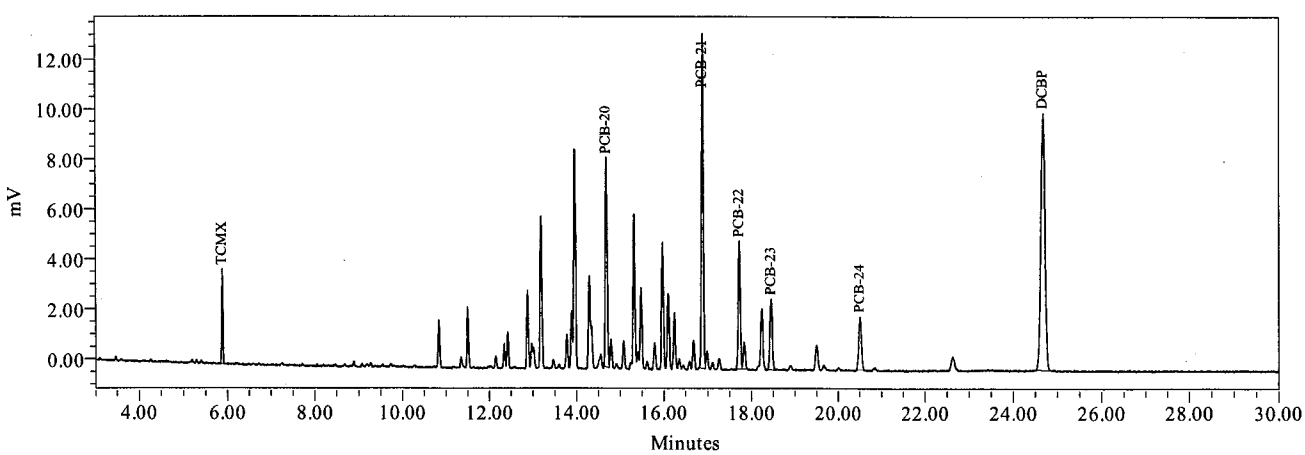
Sample Name:	CS601125A	Sample Amount:	1
Sample ID:	A1260 500 PPB	Dilution:	1
Date Acquired:	11/26/2008 14:23:17 EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/08/2008 13:12:23 EST
Sample Set Name:	GC18F_8082CC_112508	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/08/2008
Run Time:	30.0 Minutes	Current Time:	13:27:22 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-752-45

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.894	bb	6081	10.946	109.5	
2	PCB-20	14.688	bV	25419			
3	PCB-21	16.886	bV	39039			
4	PCB-22	17.725	bV	16244			
5	PCB-23	18.452	bb	9763			
6	PCB-24	20.511	bb	9269			
7	DCBP	24.674	bb	66028	110.545		110.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1254	25419	182.977	-63.40		
2	A1254-17/18	25419	302.055	-39.59		
3	A1260	99733	514.009	2.80	X	
4	A1260-20	74314	510.790	2.16		
5	A1260-23/24	80702	506.944	1.39		
6	A1262	99733		-100.00		
7	A1268	19031		-100.00		



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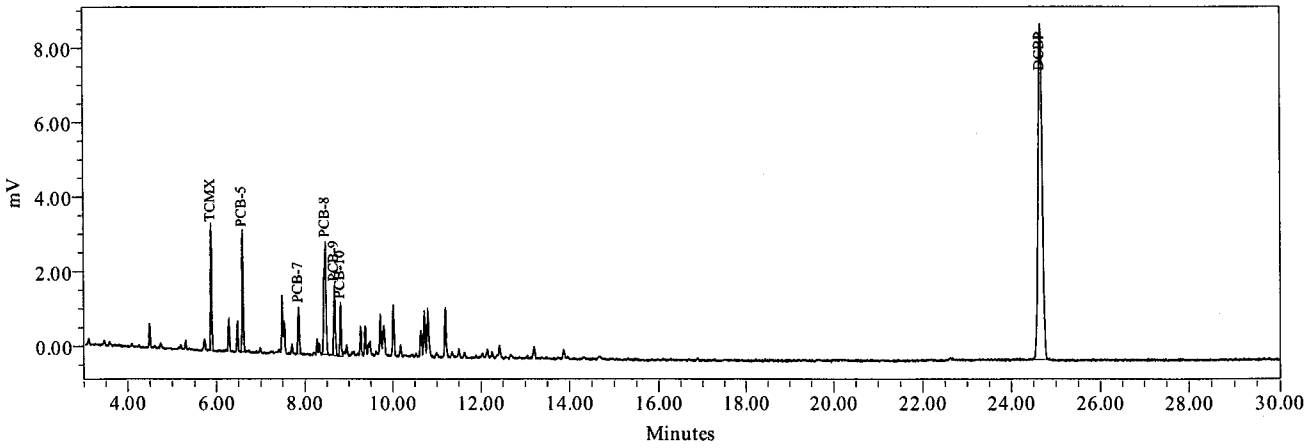
Sample Name:	CS321223A	Sample Amount:	1
Sample ID:	A1232 500 PPB	Dilution:	1
Date Acquired:	12/23/2008 6:36:58 PM EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 8:56:37 AM EST
Sample Set Name:	GC18F_8082P_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:45:05 AM US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-770-14

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.888	bb	5433	9.766	97.7	
2	PCB-5	6.596	bb	5734			
3	PCB-7	7.861	bb	2819			
4	PCB-8	8.473	bb	9433			
5	PCB-9	8.680	BB	4074			
6	PCB-10	8.817	bV	2881			
7	DCBP	24.656	bb	59151	98.745		98.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	19207	190.959	-61.81		
2	A1221	5734	219.565	-56.09		
3	A1221-2	5734	232.804	-53.44		
4	A1232	24941	498.976	-0.20	X	
5	A1232-8/9	11434	503.212	0.64		
6	A1242	19207	223.252	-55.35		



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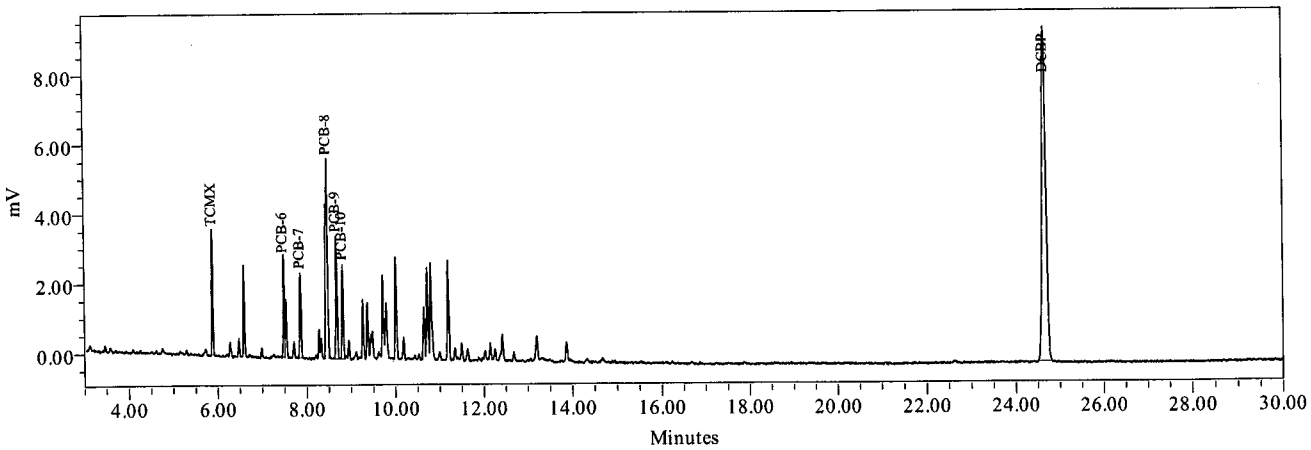
Sample Name:	CS421223A	Sample Amount:	1
Sample ID:	A1242 500 PPB	Dilution:	1
Date Acquired:	12/24/2008 12:01:50 AM EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 7:57:53 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:44:20 AM US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-770-24

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.889	bb	5729	10.305	103.0	
2	PCB-6	7.489	bV	5327			
3	PCB-7	7.861	bb	5478			
4	PCB-8	8.473	bV	18379			
5	PCB-9	8.680	vB	7560			
6	PCB-10	8.816	BV	5216			
7	DCBP	24.659	bb	63207	105.705		105.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	41960	419.654	-16.07		
2	A1232	36633	732.327	46.47		
3	A1232-8/9	10694	470.864	-5.83		
4	A1242	41960	491.975	-1.60	X	



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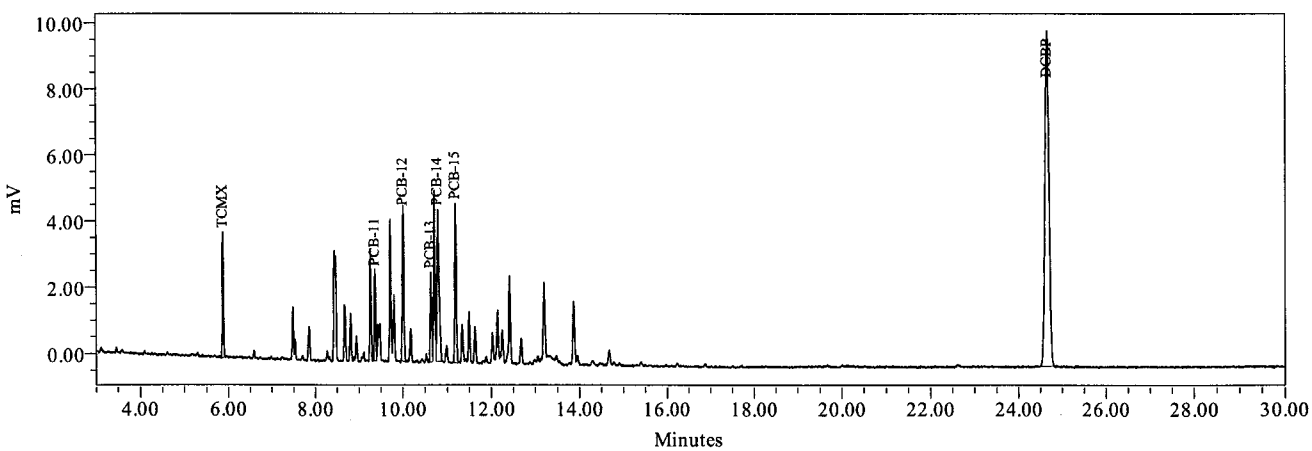
Sample Name:	CS481223A	Sample Amount:	1
Sample ID:	A1248 500 PPB	Dilution:	1
Date Acquired:	12/24/2008 5:26:36 AM EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 7:58:45 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:44:23 AM US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-770-34

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.886	bb	6079	10.944	109.4	
2	PCB-11	9.375	bV	5450			
3	PCB-12	10.015	bb	10645			
4	PCB-13	10.642	bV	5894			
5	PCB-14	10.801	Vb	13756			
6	PCB-15	11.197	bv	11094			
7	DCBP	24.657	bb	64958	108.709		108.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1248	46838	530.539	6.11	X	
2	A1248-11/15	30295	529.902	5.98		
3	A1248-14/15	21988	532.000	6.40		



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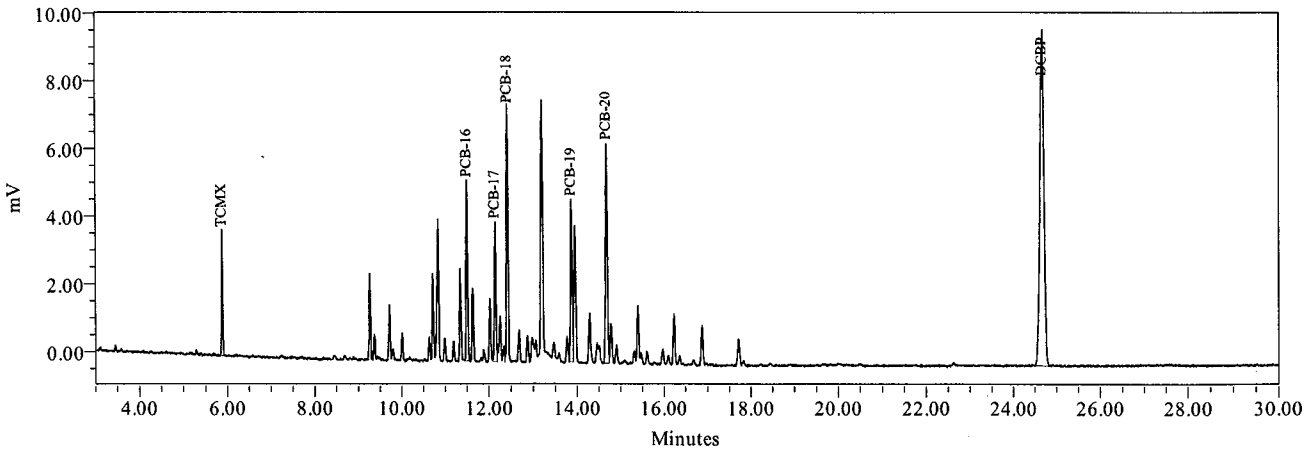
Sample Name:	CS541223A	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	12/24/2008 10:51:25 AM EST	Extract Volume:	1
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 8:00:43 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:44:28 AM US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC18F-770-44

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.889	bb	5938	10.686	106.9	
2	PCB-16	11.505	bb	12608			
3	PCB-17	12.149	VV	10241			
4	PCB-18	12.424	Vb	18771			
5	PCB-19	13.875	VV	13642			
6	PCB-20	14.680	bV	19120			
7	DCBP	24.670	bb	64582	108.064		108.1

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1254	74383	538.056	7.61	X	
2	A1254-17/18	45370	540.392	8.08		
3	A1254-19/20	41621	536.611	7.32		
4	A1254-20	55263	535.254	7.05		
5	A1260	19120	97.661	-80.47		
6	A1260-23/24	19120	118.172	-76.37		
7	A1262	19120		-100.00		



QC Sample Raw Data

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-10MS
Matrix:	Sediment	Client ID:	P2SD-6A-01 MS
Sample wt(Dry)/vol:	4.3503 g	Lab Sample ID:	AL20785M
Percent Moisture:	57.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	6
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-28

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.690	U
1	11104-28-2	Aroclor 1221	0.690	U
1	11141-16-5	Aroclor 1232	0.690	U
1	53469-21-9	Aroclor 1242	9.44	
1	12672-29-6	Aroclor 1248	0.690	U
1	11097-69-1	Aroclor 1254	0.690	U
1	11096-82-5	Aroclor 1260	0.690	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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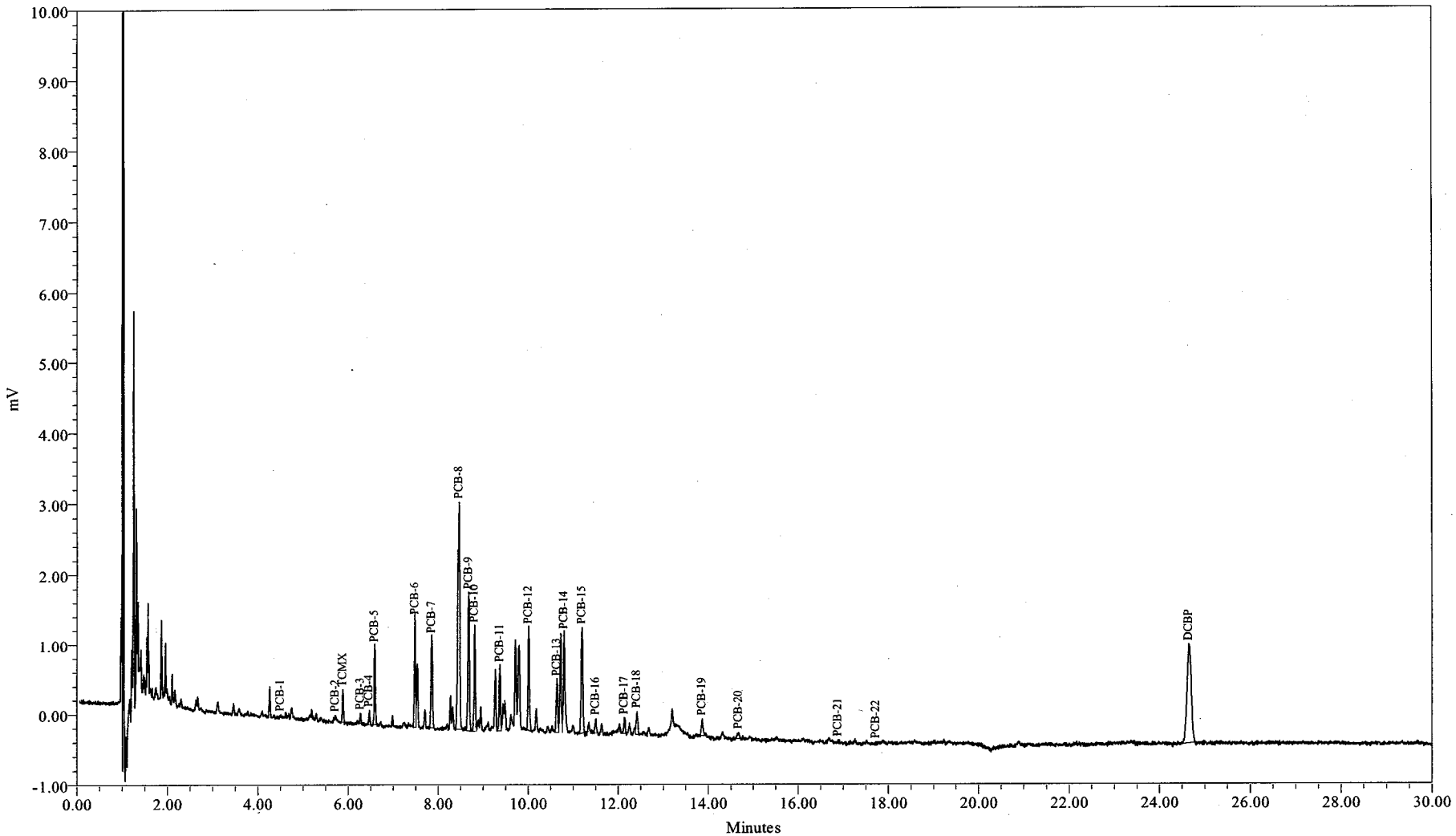

Sample Name:	AL20785M	Sample Amount (g) :	4.3500
Sample ID:	P2SD-6A-01 MS	Dilution:	150
Date Acquired:	12/24/2008 02:11:45 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-28

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Sample Name:	AL20785M	Sample Amount (g) :	4.3500
Sample ID:	P2SD-6A-01 MS	Dilution:	150
Date Acquired:	12/24/2008 2:11:45 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:39:56 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:44 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-28

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	27			
2	PCB-2	5.72	bb	94			
3	TCMX	5.89	bb	742	1.218	73.1	
4	PCB-3	6.27	bb	264			
5	PCB-4	6.47	vb	326			
6	PCB-5	6.59	bb	1932			
7	PCB-6	7.48	bV	2930			
8	PCB-7	7.86	bb	2953			
9	PCB-8	8.47	bb	10337			
10	PCB-9	8.68	bb	4296			
11	PCB-10	8.81	bV	2974			
12	PCB-11	9.37	bV	1937			
13	PCB-12	10.01	bb	3320			
14	PCB-13	10.64	bV	1721			
15	PCB-14	10.80	Vb	3842			
16	PCB-15	11.20	bb	3493			
17	PCB-16	11.51	bb	455			
18	PCB-17	12.14	bb	517			
19	PCB-18	12.42	vb	820			
20	PCB-19	13.87	bv	578			
21	PCB-20	14.68	bb	264			
22	PCB-21	16.89	bb	62			
23	PCB-22	17.73	bb	49			
24	DCBP	24.65	bb	9162	12.967		77.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1248	14314	161.115	5.55568	0.690	NR	
2	A1248-11/15	8883	154.034	5.31152	0.690	NR	
3	A1248-14/15	6978	166.225	5.73190	0.690	NR	
4	A1254	2634	17.735	0.61156	0.690	NR	
5	A1254-17/18	1297	13.880	0.47863	0.690	NR	
6	A1254-19/20	1792	22.156	0.76399	0.690	NR	
7	A1254-20	2370	22.946	0.79124	0.690	NR	
8	A1260	375	0.844	0.02912	0.690	NR	
9	A1260-20	111	1.715	0.05914	0.690	NR	
10	A1260-23/24	375			0.690	NR	
11	A1262	375				NR	
12	A1016	23489	234.000	8.06897	0.690	NR	
13	A1221	2643	100.562	3.46766	0.690	NR	
14	A1221-2	2549	102.340	3.52895	0.690	NR	
15	A1221-5	711	53.124	1.83186	0.690	NR	
16	A1232	22492	450.092	15.52043	0.690	NR	
17	A1232-8/9	7858	346.807	11.95885	0.690	NR	
18	A1242	23489	273.826	9.44228	0.690	X	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	08120163-10MSD
Matrix:	Sediment	Client ID:	P2SD-6A-01 MSD
Sample wt(Dry)/vol:	4.5833 g	Lab Sample ID:	AL20785K
Percent Moisture:	57.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/24/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	6
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-29

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.655	U
1	11104-28-2	Aroclor 1221	0.655	U
1	11141-16-5	Aroclor 1232	0.655	U
1	53469-21-9	Aroclor 1242	9.28	
1	12672-29-6	Aroclor 1248	0.655	U
1	11097-69-1	Aroclor 1254	0.655	U
1	11096-82-5	Aroclor 1260	0.655	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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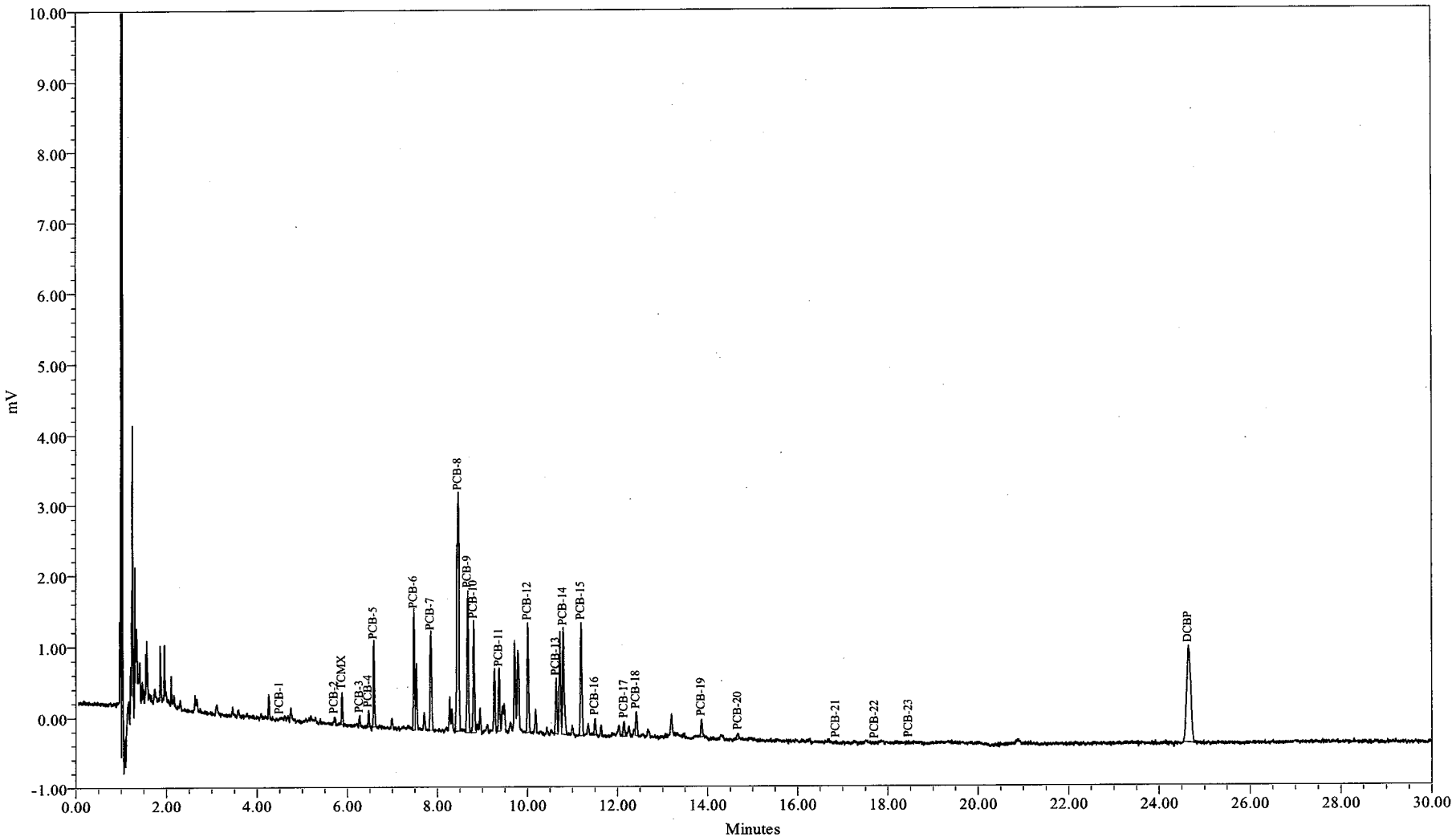

Sample Name:	AL20785K	Sample Amount (g) :	4.5830
Sample ID:	P2SD-6A-01 MSD	Dilution:	150
Date Acquired:	12/24/2008 02:44:15 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-29

Northeast Analytical, Inc.
08120163.PDF
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Sample Name:	AL20785K	Sample Amount (g) :	4.5830
Sample ID:	P2SD-6A-01 MSD	Dilution:	150
Date Acquired:	12/24/2008 2:44:15 AM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 9:42:08 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:45 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-29

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	9			
2	PCB-2	5.72	bb	87			
3	TCMX	5.89	bb	720	1.176	70.6	
4	PCB-3	6.27	bb	266			
5	PCB-4	6.47	vb	336			
6	PCB-5	6.59	bb	2048			
7	PCB-6	7.48	bV	3071			
8	PCB-7	7.86	bb	3140			
9	PCB-8	8.47	bb	10709			
10	PCB-9	8.68	bb	4333			
11	PCB-10	8.81	bV	3046			
12	PCB-11	9.37	bV	1868			
13	PCB-12	10.01	bb	3462			
14	PCB-13	10.64	bV	1660			
15	PCB-14	10.80	Vb	3907			
16	PCB-15	11.20	bb	3620			
17	PCB-16	11.50	bb	444			
18	PCB-17	12.15	bb	546			
19	PCB-18	12.42	vb	763			
20	PCB-19	13.87	bb	571			
21	PCB-20	14.68	bb	251			
22	PCB-21	16.86	bb	69			
23	PCB-22	17.72	bb	46			
24	PCB-23	18.47	bb	53			
25	DCBP	24.65	bb	8545	11.909		71.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1260-23/24	366			0.655	NR	
2	A1262	419				NR	
3	A1268	53				NR	
4	A1016	24301	242.154	7.92561	0.655	NR	
5	A1221	2746	104.519	3.42088	0.655	NR	
6	A1221-2	2659	106.839	3.49680	0.655	NR	
7	A1221-5	698	52.124	1.70599	0.655	NR	
8	A1232	23277	465.765	15.24434	0.655	NR	
9	A1232-8/9	8234	363.248	11.88897	0.655	NR	
10	A1242	24301	283.407	9.27581	0.655	X	
11	A1248	14516	163.409	5.34833	0.655	NR	
12	A1248-11/15	9028	156.583	5.12490	0.655	NR	
13	A1248-14/15	6989	166.492	5.44923	0.655	NR	
14	A1254	2575	17.310	0.56656	0.655	NR	
15	A1254-17/18	1266	13.511	0.44222	0.655	NR	
16	A1254-19/20	1753	21.656	0.70879	0.655	NR	
17	A1254-20	2324	22.498	0.73636	0.655	NR	
18	A1260	419	1.076	0.03522	0.655	NR	
19	A1260-20	168	2.107	0.06897	0.655	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	PBLK-28
Matrix:	SODIUM SULFATE	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	9.740 g	Lab Sample ID:	AL20785B
Percent Moisture:	0.0	Date Received:	
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-15

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0513	U
1	11104-28-2	Aroclor 1221	0.0513	U
1	11141-16-5	Aroclor 1232	0.0513	U
1	53469-21-9	Aroclor 1242	0.0513	U
1	12672-29-6	Aroclor 1248	0.0513	U
1	11097-69-1	Aroclor 1254	0.0513	U
1	11096-82-5	Aroclor 1260	0.0513	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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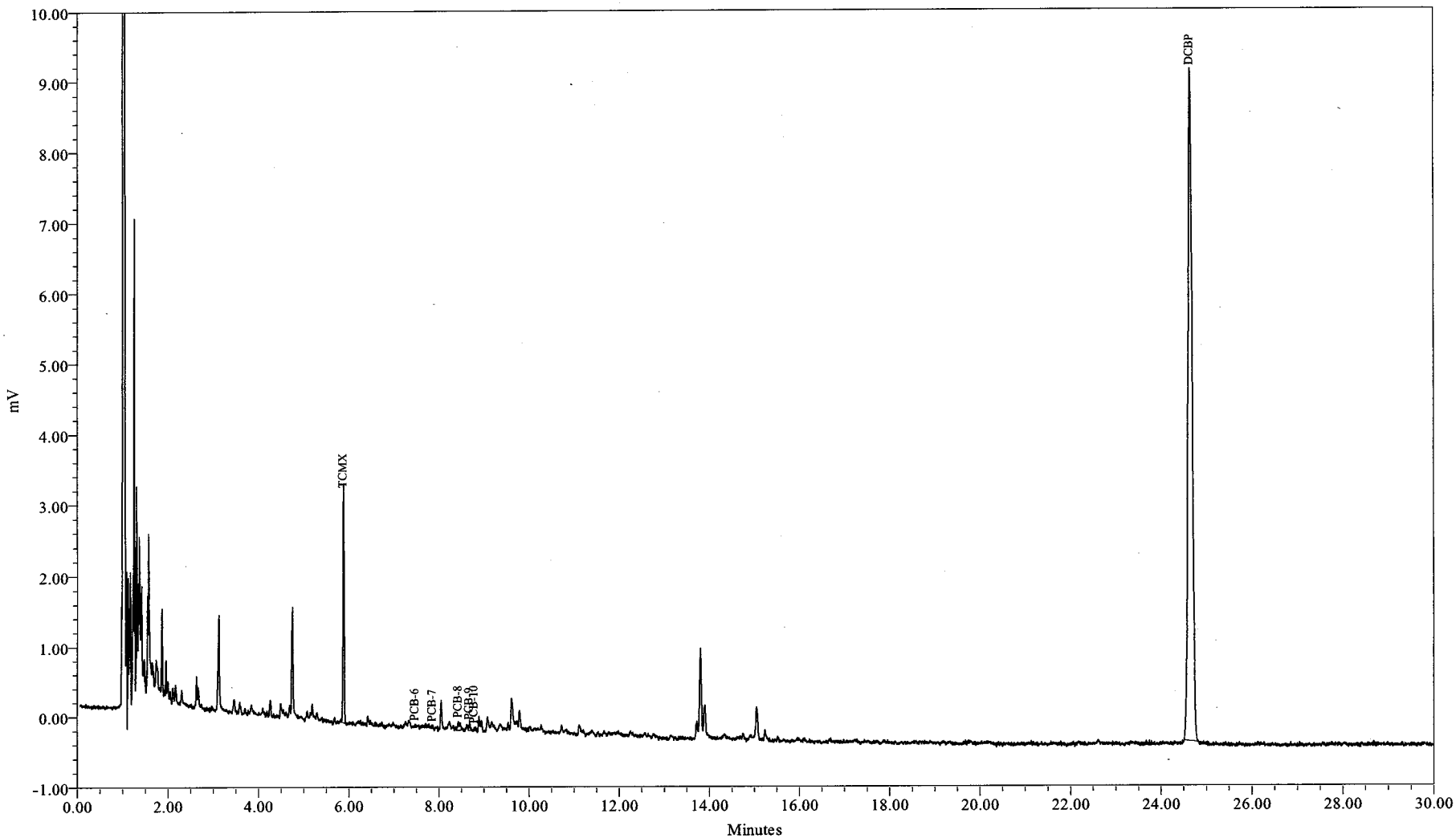

Sample Name:	AL20785B	Sample Amount (g) :	9.7400
Sample ID:	METHOD BLANK	Dilution:	25
Date Acquired:	12/23/2008 19:09:27 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-15

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Sample Name:	AL20785B	Sample Amount (g) :	9.7400
Sample ID:	METHOD BLANK	Dilution:	25
Date Acquired:	12/23/2008 7:09:27 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 8:48:44 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:14 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-15

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.89	bb	5398	9.702	97.0	
2	PCB-6	7.47	bb	73			
3	PCB-7	7.86	bb	79			
4	PCB-8	8.44	bb	487			
5	PCB-9	8.68	vb	245			
6	PCB-10	8.79	bb	119			
7	DCBP	24.65	bb	60523	101.099		101

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	1002	7.969	0.02046	0.0513	NR	
2	A1232	929	19.743	0.05068	0.0513	NR	
3	A1232-8/9	198	11.708	0.03005	0.0513	NR	
4	A1242	1002	8.234	0.02113	0.0513	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120163
ELAP ID No:	11078	LRF ID:	LCS-28
Matrix:	SODIUM SULFATE	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	9.791 g	Lab Sample ID:	AL20785L
Percent Moisture:	0.0	Date Received:	
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/19/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/23/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-770-16

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0511	U
1	11104-28-2	Aroclor 1221	0.0511	U
1	11141-16-5	Aroclor 1232	0.0511	U
1	53469-21-9	Aroclor 1242	1.28	
1	12672-29-6	Aroclor 1248	0.0511	U
1	11097-69-1	Aroclor 1254	0.0511	U
1	11096-82-5	Aroclor 1260	0.0511	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/07/2009
Nea Lims Version : 4.4.2.2

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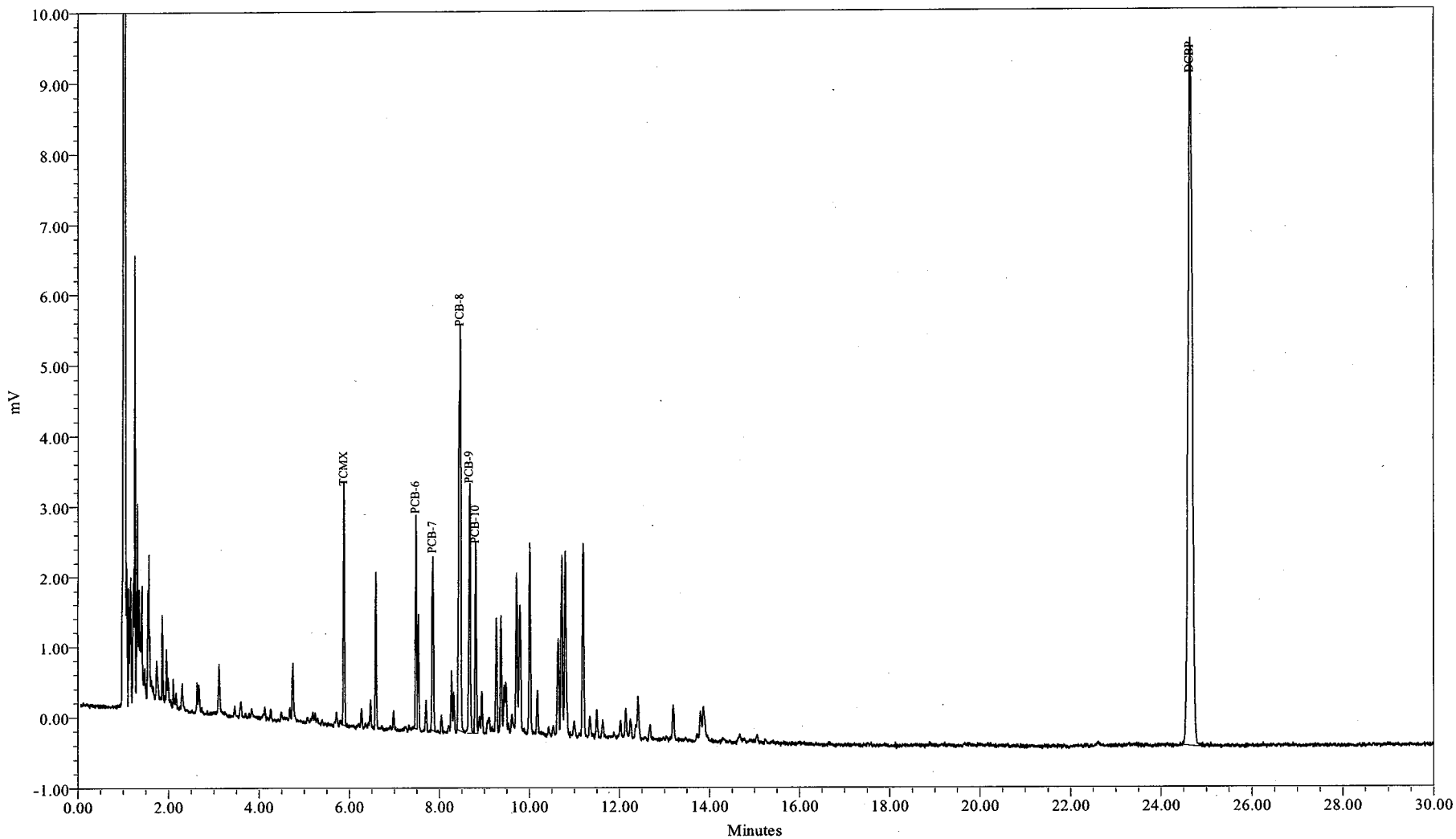

Sample Name:	AL20785L	Sample Amount (g) :	9.7910
Sample ID:	LAB CONTROL SPIKE	Dilution:	25
Date Acquired:	12/23/2008 19:41:55 EST	Processing Method:	GC18F_8082CC_112508
		LIMS File ID:	GC18F-770-16

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Sample Name:	AL20785L	Sample Amount (g) :	9.7910
Sample ID:	LAB CONTROL SPIKE	Dilution:	25
Date Acquired:	12/23/2008 7:41:55 PM EST	Extract Volume:	25
Project Name:	PCB\GC18F_Sep_2008	Date Processed:	12/26/2008 8:49:23 AM EST
Sample Set Name:	GC18F_8082S_122308	User Name:	Thomas Herold (TomH)
Processing Method:	GC18F_8082CC_112508	Current Date:	12/26/2008
Run Time:	30.0 Minutes	Current Time:	10:55:19 AM US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC18F-770-16

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	5602	10.074	101	
2	PCB-6	7.48	bV	5400			
3	PCB-7	7.86	bb	5560			
4	PCB-8	8.47	bB	18753			
5	PCB-9	8.68	BV	7766			
6	PCB-10	8.81	VV	5348			
7	DCBP	24.65	bb	65500	109.640		110

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1242	42828	502.224	1.28236	0.0511	X	
2	A1016	42828	428.377	1.09380	0.0511	NR	
3	A1232	37427	748.183	1.91039	0.0511	NR	
4	A1232-8/9	10908	480.210	1.22615	0.0511	NR	

Certificates of Analysis

CERTIFICATE OF ANALYSIS
12/26/2008
CAMP, DRESSER & MCKEE
ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-1A-01	**NEA ID:** AL20776	**NEA LRF:** 08120163-01
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1221	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1232	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1242	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1248	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1254	ND	0.0977	ug/g	12/23/2008	U
Aroclor 1260	ND	0.0977	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-1B-01	**NEA ID:** AL20777	**NEA LRF:** 08120163-02
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.113	ug/g	12/23/2008	U
Aroclor 1221	ND	0.113	ug/g	12/23/2008	U
Aroclor 1232	ND	0.113	ug/g	12/23/2008	U
Aroclor 1242	ND	0.113	ug/g	12/23/2008	U
Aroclor 1248	ND	0.113	ug/g	12/23/2008	U
Aroclor 1254	ND	0.113	ug/g	12/23/2008	U
Aroclor 1260	ND	0.113	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-2A-01	**NEA ID:** AL20778	**NEA LRF:** 08120163-03
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:35
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.106	ug/g	12/23/2008	U
Aroclor 1221	ND	0.106	ug/g	12/23/2008	U
Aroclor 1232	ND	0.106	ug/g	12/23/2008	U
Aroclor 1242	ND	0.106	ug/g	12/23/2008	U
Aroclor 1248	ND	0.106	ug/g	12/23/2008	U
Aroclor 1254	ND	0.106	ug/g	12/23/2008	U
Aroclor 1260	ND	0.106	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-2B-01	**NEA ID:** AL20779	**NEA LRF:** 08120163-04
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:35
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.111	ug/g	12/23/2008	U
Aroclor 1221	ND	0.111	ug/g	12/23/2008	U
Aroclor 1232	ND	0.111	ug/g	12/23/2008	U
Aroclor 1242	ND	0.111	ug/g	12/23/2008	U
Aroclor 1248	ND	0.111	ug/g	12/23/2008	U
Aroclor 1254	ND	0.111	ug/g	12/23/2008	U
Aroclor 1260	ND	0.111	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SL-3A-01	**NEA ID:** AL20780	**NEA LRF:** 08120163-05
MATRIX:	SOIL	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:40
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.105	ug/g	12/23/2008	U
Aroclor 1221	ND	0.105	ug/g	12/23/2008	U
Aroclor 1232	ND	0.105	ug/g	12/23/2008	U
Aroclor 1242	ND	0.105	ug/g	12/23/2008	U
Aroclor 1248	ND	0.105	ug/g	12/23/2008	U
Aroclor 1254	ND	0.105	ug/g	12/23/2008	U
Aroclor 1260	ND	0.105	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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DETROIT, MI 48226
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CUSTOMER ID:	P2SD-4A-01	**NEA ID:** AL20781	**NEA LRF:** 08120163-06
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:54
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.116	ug/g	12/23/2008	U
Aroclor 1221	ND	0.116	ug/g	12/23/2008	U
Aroclor 1232	ND	0.116	ug/g	12/23/2008	U
Aroclor 1242	ND	0.116	ug/g	12/23/2008	U
Aroclor 1248	ND	0.116	ug/g	12/23/2008	U
Aroclor 1254	ND	0.116	ug/g	12/23/2008	U
Aroclor 1260	ND	0.116	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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Sr. Laboratory Representative

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NORTHEAST ANALYTICAL LABS

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CAMP, DRESSER & MCKEE
ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-4B-01	**NEA ID:** AL20782	**NEA LRF:** 08120163-07
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 11:54
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1221	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1232	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1242	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1248	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1254	ND	0.0758	ug/g	12/23/2008	U
Aroclor 1260	ND	0.0758	ug/g	12/23/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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DETROIT, MI 48226
CONTACT: TODD KING

NORTHEAST ANALYTICAL LABS

CUSTOMER ID:	P2SD-5A-01	**NEA ID:** AL20783	**NEA LRF:** 08120163-08
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:10
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	2.19	ug/g	12/24/2008	U
Aroclor 1221	ND	2.19	ug/g	12/24/2008	U
Aroclor 1232	ND	2.19	ug/g	12/24/2008	U
Aroclor 1242	40.2	2.19	ug/g	12/24/2008	AD
Aroclor 1248	ND	2.19	ug/g	12/24/2008	U
Aroclor 1254	4.57	2.19	ug/g	12/24/2008	AF
Aroclor 1260	ND	2.19	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	44.77				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-5B-01	**NEA ID:** AL20784	**NEA LRF:** 08120163-09
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:10
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.704	ug/g	12/24/2008	U
Aroclor 1221	ND	0.704	ug/g	12/24/2008	U
Aroclor 1232	ND	0.704	ug/g	12/24/2008	U
Aroclor 1242	10.1	0.704	ug/g	12/24/2008	AD
Aroclor 1248	ND	0.704	ug/g	12/24/2008	U
Aroclor 1254	1.10	0.704	ug/g	12/24/2008	AF
Aroclor 1260	ND	0.704	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	11.20				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SD-6A-01	**NEA ID:** AL20785	**NEA LRF:** 08120163-10
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:10
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.234	ug/g	12/24/2008	U
Aroclor 1221	ND	0.234	ug/g	12/24/2008	U
Aroclor 1232	ND	0.234	ug/g	12/24/2008	U
Aroclor 1242	ND	0.234	ug/g	12/24/2008	U
Aroclor 1248	ND	0.234	ug/g	12/24/2008	U
Aroclor 1254	ND	0.234	ug/g	12/24/2008	U
Aroclor 1260	ND	0.234	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID:	P2SD-6A-03	**NEA ID:** AL20786	**NEA LRF:** 08120163-11
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:15
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.111	ug/g	12/24/2008	U
Aroclor 1221	ND	0.111	ug/g	12/24/2008	U
Aroclor 1232	ND	0.111	ug/g	12/24/2008	U
Aroclor 1242	ND	0.111	ug/g	12/24/2008	U
Aroclor 1248	ND	0.111	ug/g	12/24/2008	U
Aroclor 1254	ND	0.111	ug/g	12/24/2008	U
Aroclor 1260	ND	0.111	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID:	P2SD-7A-01	**NEA ID:** AL20787	**NEA LRF:** 08120163-12
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.113	ug/g	12/24/2008	U
Aroclor 1221	ND	0.113	ug/g	12/24/2008	U
Aroclor 1232	ND	0.113	ug/g	12/24/2008	U
Aroclor 1242	ND	0.113	ug/g	12/24/2008	U
Aroclor 1248	ND	0.113	ug/g	12/24/2008	U
Aroclor 1254	ND	0.113	ug/g	12/24/2008	U
Aroclor 1260	ND	0.113	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID:	P2SD-7B-01	**NEA ID:** AL20788	**NEA LRF:** 08120163-13
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.128	ug/g	12/24/2008	U
Aroclor 1221	ND	0.128	ug/g	12/24/2008	U
Aroclor 1232	ND	0.128	ug/g	12/24/2008	U
Aroclor 1242	ND	0.128	ug/g	12/24/2008	U
Aroclor 1248	ND	0.128	ug/g	12/24/2008	U
Aroclor 1254	ND	0.128	ug/g	12/24/2008	U
Aroclor 1260	ND	0.128	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID:	P2SD-8A-01	**NEA ID:** AL20789	**NEA LRF:** 08120163-14
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 12:40
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.110	ug/g	12/24/2008	U
Aroclor 1221	ND	0.110	ug/g	12/24/2008	U
Aroclor 1232	ND	0.110	ug/g	12/24/2008	U
Aroclor 1242	ND	0.110	ug/g	12/24/2008	U
Aroclor 1248	ND	0.110	ug/g	12/24/2008	U
Aroclor 1254	ND	0.110	ug/g	12/24/2008	U
Aroclor 1260	ND	0.110	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID:	P2SD-9A-01	**NEA ID:** AL20790	**NEA LRF:** 08120163-15
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:00
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0907	ug/g	12/24/2008	U
Aroclor 1221	ND	0.0907	ug/g	12/24/2008	U
Aroclor 1232	ND	0.0907	ug/g	12/24/2008	U
Aroclor 1242	0.161	0.0907	ug/g	12/24/2008	AD
Aroclor 1248	ND	0.0907	ug/g	12/24/2008	U
Aroclor 1254	ND	0.0907	ug/g	12/24/2008	U
Aroclor 1260	ND	0.0907	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	0.161				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SL-10A-01	**NEA ID:** AL20791	**NEA LRF:** 08120163-16
MATRIX:	SOIL	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:05
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	2.85	ug/g	12/24/2008	U
Aroclor 1221	ND	2.85	ug/g	12/24/2008	U
Aroclor 1232	ND	2.85	ug/g	12/24/2008	U
Aroclor 1242	20.4	2.85	ug/g	12/24/2008	AD
Aroclor 1248	ND	2.85	ug/g	12/24/2008	U
Aroclor 1254	15.9	2.85	ug/g	12/24/2008	AF
Aroclor 1260	ND	2.85	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	36.3				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SL-10B-01	**NEA ID:** AL20792	**NEA LRF:** 08120163-17
MATRIX:	SOIL	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:05
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.110	ug/g	12/24/2008	U
Aroclor 1221	ND	0.110	ug/g	12/24/2008	U
Aroclor 1232	ND	0.110	ug/g	12/24/2008	U
Aroclor 1242	0.381	0.110	ug/g	12/24/2008	AD
Aroclor 1248	ND	0.110	ug/g	12/24/2008	U
Aroclor 1254	0.262	0.110	ug/g	12/24/2008	AF
Aroclor 1260	ND	0.110	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	0.643				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SD-11A-01	**NEA ID:** AL20793	**NEA LRF:** 08120163-18
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:20
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	3.34	ug/g	12/24/2008	U
Aroclor 1221	ND	3.34	ug/g	12/24/2008	U
Aroclor 1232	ND	3.34	ug/g	12/24/2008	U
Aroclor 1242	26.3	3.34	ug/g	12/24/2008	AD
Aroclor 1248	ND	3.34	ug/g	12/24/2008	U
Aroclor 1254	8.49	3.34	ug/g	12/24/2008	AF
Aroclor 1260	ND	3.34	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	34.79				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SD-11B-01	**NEA ID:** AL20794	**NEA LRF:** 08120163-19
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:20
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	3.29	ug/g	12/24/2008	U
Aroclor 1221	ND	3.29	ug/g	12/24/2008	U
Aroclor 1232	ND	3.29	ug/g	12/24/2008	U
Aroclor 1242	31.0	3.29	ug/g	12/24/2008	AD
Aroclor 1248	ND	3.29	ug/g	12/24/2008	U
Aroclor 1254	14.1	3.29	ug/g	12/24/2008	AF
Aroclor 1260	ND	3.29	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	45.1				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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CUSTOMER ID:	P2SD-12A-01	**NEA ID:** AL20795	**NEA LRF:** 08120163-20
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/10/2008	**TIME:** 13:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	2.67	ug/g	12/24/2008	U
Aroclor 1221	ND	2.67	ug/g	12/24/2008	U
Aroclor 1232	ND	2.67	ug/g	12/24/2008	U
Aroclor 1242	15.4	2.67	ug/g	12/24/2008	AD
Aroclor 1248	ND	2.67	ug/g	12/24/2008	U
Aroclor 1254	11.0	2.67	ug/g	12/24/2008	AF
Aroclor 1260	ND	2.67	ug/g	12/24/2008	U
Total PCB Amount > Reporting Limit	26.4				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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