DATA PACKAGE FOR
GC SEMI-VOLATILES

PROJECT NAME: Connecticut Superfund Site

DEWBERRY
600 PARSIPPANY ROAD
3RD FLOOR
PARSIPPANY, NJ 07054-3715
9737399400

CHEMTECH PROJECT NO.	**Z4920**
ATTENTION:	**Corey Nachshen**

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CHEMTECH

CASE NARRATIVE

Dewberry
Project Name: Connecticut Superfund Site
Project # N/A
Chemtech Project # Z4920

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 10/9/08.
3 Water samples were received on 10/9/08.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, PCB Group1, PESTICIDE Group1, SVOCMS Group1, TAL ICP Metals, TAL Metals, and VOCMS Group1. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 7. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 111391. The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11324.
The analysis of PESTICIDE Group1 was based on method SOM01.2.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for 4,4-DDT.
The MSD recoveries met the acceptable requirements except for 4,4-DDT, Endrin.
The RPD recoveries met criteria except for Endrin.
The Blank Spike met requirements for all samples except for Endrin 123%, which is marginally out of guideline (120%).
The Blank analysis did not indicate the presence of lab contamination.
Samples AOC2-2, AOC2-2DL and AOC5- were diluted due to high concentrations.

E. Additional Comments:
The Calibration File ID INDBCS3BP70016 met the requirements except for Delta-BHC showed 20.8 %D .

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

Signature___ Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.10.31 13:15:33 -04'00'

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

Cover Page

Order ID : Z4920

Project ID : Connecticut Superfund Site

Customer Name : Dewberry

Lab Sample Number	Customer Sample Number
Z4920-01	RB-1
Z4920-02	TB-1
Z4920-03	AOC2-1
Z4920-04	AOC2-2
Z4920-05	AOC2-3
Z4920-06	AOC5-1
Z4920-07	AOC5-2
Z4920-08	AOC5-3
Z4920-09	Z4920-08MS
Z4920-10	Z4920-08MSD
Z4920-11	DUP
Z4920-12	AOC3-1A
Z4920-13	AOC3-1B
Z4920-14	VHBLK
Z4920-15	VHBLK

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

Signature : Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.10.31 13:15:54 -04'00'

NYDOH CERTIFICATION NO.11376

NJDEP CERTIFICATION NO.20012

CHEMTECH

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

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

PESTICIDE/PCB

DATA

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PESTICIDE/PCB QC DATA

2N - FORM II PEST-1
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 % REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PB37176BL	98	88	77	72			0
02	PB37176BS	94	89	80	74			0
03	RB-1	101	92	83	77			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

2P - FORM II PEST-2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column(2): ZB-MR1 ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX1 % REC #	TCX2 % REC #	DCB1 % REC #	DCB2 % REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PB37180BL	84	79	116	110			0
02	PB37180BS	98	95	105	101			0
03	AOC2-1	96	90	97	95			0
04	AOC2-2	105	102	88	80			0
05	AOC2-2DL	103	91	83	64			0
06	AOC2-3	108	93	84	84			0
07	AOC5-1	102	91	70	73			0
08	AOC5-2	96	76	65	60			0
09	AOC5-3	97	78	68	70			0
10	AOC5-3MS	85	68	58	62			0
11	AOC5-3MSD	85	72	61	61			0
12	DUP	95	78	71	66			0
13	AOC3-1A	105	91	88	84			0
14	AOC3-1B	100	91	85	80			0
15	AOC2-2DL2	107	88	84	71			0
16	AOC5-3DL	107	91	76	78			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix Spike - EPA Sample No.: AOC5-3

Instrument ID: ECD7 GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED ug/Kg	SAMPLE CONCENTRATION ug/Kg	MS CONCENTRATION ug/Kg	MS % REC#	QC LIMITS REC
gamma-BHC (Lindane)	21.4	0	21	98	(46-127)
Heptachlor	21.4	0	17	79	(35-130)
Aldrin	21.4	0	18	84	(34-132)
Dieldrin	42.7	0	36	84	(31-134)
Endrin	42.7	0	35	82	(42-139)
4,4'-DDT	42.7	170	160	-23*	(23-134)

COMPOUND	SPIKE ADDED ug/Kg	MSD CONCENTRATION ug/Kg	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
gamma-BHC (Lindane)	21.3	21	99	1	50	(46-127)
Heptachlor	21.3	19	89	12	31	(35-130)
Aldrin	21.3	17	80	5	43	(34-132)
Dieldrin	42.6	39	92	9	38	(31-134)
Endrin	42.6	44	103	23	45	(42-139)
4,4'-DDT	42.6	150	-47*	16	50	(23-134)

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

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 1 out of 6 outside limits

COMMENTS:

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix Spike - EPA Sample No.: AOC5-3

Instrument ID: ECD7 GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED ug/Kg	SAMPLE CONCENTRATION ug/Kg	MS CONCENTRATION ug/Kg	MS % REC#	QC LIMITS REC
gamma-BHC (Lindane)	21.4	0	22	103	(46-127)
Heptachlor	21.4	0	22	103	(35-130)
Aldrin	21.4	0	20	93	(34-132)
Dieldrin	42.7	0	45	105	(31-134)
Endrin	42.7	0	62	145*	(42-139)
4,4'-DDT	42.7	170	180	23	(23-134)

COMPOUND	SPIKE ADDED ug/Kg	MSD CONCENTRATION ug/Kg	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
gamma-BHC (Lindane)	21.3	21	99	4	50	(46-127)
Heptachlor	21.3	22	103	0	31	(35-130)
Aldrin	21.3	19	89	4	43	(34-132)
Dieldrin	42.6	43	101	4	38	(31-134)
Endrin	42.6	56	131	10	45	(42-139)
4,4'-DDT	42.6	160	-23*	200*	50	(23-134)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 6 outside limits
Spike Recovery: 2 out of 6 outside limits

COMMENTS:

3L - FORM III PEST-4
WATER PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

PB37176BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: PB37176BS LCS Lot No.: GCP6705

Date Extracted: 10/13/2008 Date Analyzed (1): 10/29/2008

Instrument ID (1): ECD7 GC Column (1): ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED (ug/L)	AMOUNT RECOVERED (ug/L)	%REC #	QC LIMITS
gamma-BHC (Lindane)	0.5000	0.55	110	(50-120)
Heptachlor epoxide	0.5000	0.51	102	(50-150)
Dieldrin	1.000	1.0	100	(30-130)
4,4'-DDE	1.000	1.1	110	(50-150)
Endrin	1.000	1.1	110	(50-120)
Endosulfan sulfate	1.000	0.92	92	(50-120)
gamma-Chlordane	0.5000	0.56	112	(30-130)

Instrument ID (2): ECD7 GC Column (2): ZB-MR1 ID: 0.32 (mm)

Date Analyzed (2): 10/29/2008

COMPOUND	AMOUNT ADDED (ug/L)	AMOUNT RECOVERED (ug/L)	%REC #	QC LIMITS
gamma-BHC (Lindane)	0.5000	0.52	104	(50-120)
Heptachlor epoxide	0.5000	0.49	98	(50-150)
Dieldrin	1.000	1.1	110	(30-130)
4,4'-DDE	1.000	1.1	110	(50-150)
Endrin	1.000	1.1	110	(50-120)
Endosulfan sulfate	1.000	0.74	74	(50-120)
gamma-Chlordane	0.5000	0.52	104	(30-130)

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 14 outside limits

COMMENTS:

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.
PB37180BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: PB37180BS LCS Lot No.: GCP6705

Date Extracted: 10/13/2008 Date Analyzed (1): 10/28/2008

Instrument ID (1): ECD7 GC Column (1): ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERED	%REC #	QC LIMITS
gamma-BHC (Lindane)	16.7	19	114	(50-120)
Heptachlor epoxide	16.7	18	108	(50-150)
Dieldrin	33.3	37	111	(30-130)
4,4'-DDE	33.3	38	114	(50-150)
Endrin	33.3	41	123*	(50-120)
Endosulfan sulfate	33.3	29	87	(50-120)
gamma-Chlordane	16.7	19	114	(30-130)

Instrument ID (2): ECD7 GC Column (2): ZB-MR1 ID: 0.32 (mm)

Date Analyzed (2): 10/28/2008

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERED	%REC #	QC LIMITS
gamma-BHC (Lindane)	16.7	19	114	(50-120)
Heptachlor epoxide	16.7	18	108	(50-150)
Dieldrin	33.3	37	111	(30-130)
4,4'-DDE	33.3	38	114	(50-150)
Endrin	33.3	41	123*	(50-120)
Endosulfan sulfate	33.3	24	72	(50-120)
gamma-Chlordane	16.7	18	108	(30-130)

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 2 out of 14 outside limits

COMMENTS:

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.
PB37176BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab File ID: P7028733.D Lab Sample ID: PB37176BL

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) CONT Date Extracted: 10/13/2008

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

Date Analyzed (1): 10/29/2008 Date Analyzed (2): 10/29/2008

Time Analyzed (1): 12:17 Time Analyzed (2): 12:17

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	PB37176BS	PB37176BS	10/29/2008	10/29/2008
02	RB-1	Z4920-01	10/29/2008	10/29/2008

COMMENTS:

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.
PB37180BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab File ID: P7028619.D Lab Sample ID: PB37180BL

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SOXH Date Extracted: 10/13/2008

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

Date Analyzed (1): 10/27/2008 Date Analyzed (2): 10/27/2008

Time Analyzed (1): 23:56 Time Analyzed (2): 23:56

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
03	PB37180BS	PB37180BS	10/28/2008	10/28/2008
04	AOC2-1	Z4920-03	10/28/2008	10/28/2008
05	AOC2-2	Z4920-04	10/28/2008	10/28/2008
06	AOC2-2DL	Z4920-04DL	10/28/2008	10/28/2008
07	AOC2-3	Z4920-05	10/28/2008	10/28/2008
08	AOC5-1	Z4920-06	10/28/2008	10/28/2008
09	AOC5-2	Z4920-07	10/28/2008	10/28/2008
10	AOC5-3	Z4920-08	10/28/2008	10/28/2008
11	AOC5-3MS	Z4920-09MS	10/28/2008	10/28/2008
12	AOC5-3MSD	Z4920-10MSD	10/28/2008	10/28/2008
13	DUP	Z4920-11	10/28/2008	10/28/2008
14	AOC3-1A	Z4920-12	10/28/2008	10/28/2008
15	AOC3-1B	Z4920-13	10/28/2008	10/28/2008
16	AOC2-2DL2	Z4920-04DL2	10/28/2008	10/28/2008
17	AOC5-3DL	Z4920-08DL	10/28/2008	10/28/2008

COMMENTS:

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PESTICIDE/PCB SAMPLE DATA

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB-1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: Z4920-01

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: P7028735.D

% Moisture: Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) CONT Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

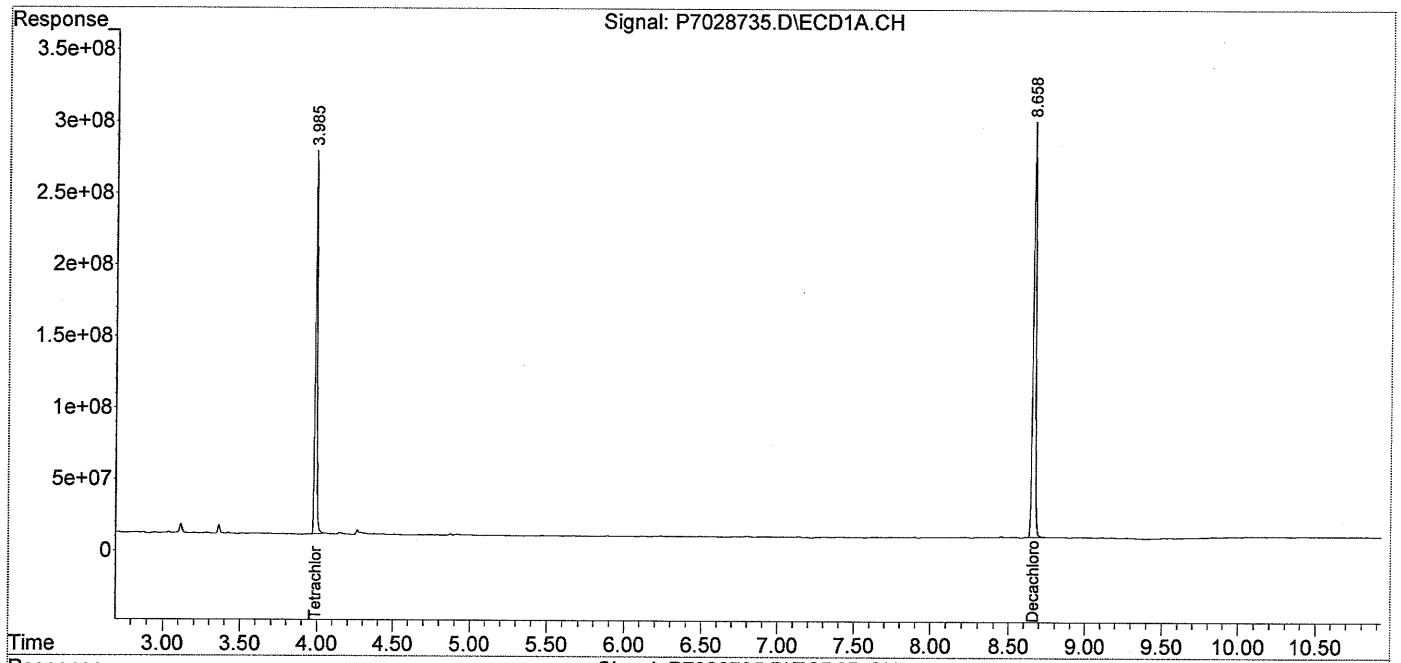
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.052	U
319-85-7	beta-BHC	0.052	U
319-86-8	delta-BHC	0.052	U
58-89-9	gamma-BHC (Lindane)	0.052	U
76-44-8	Heptachlor	0.052	U
309-00-2	Aldrin	0.052	U
1024-57-3	Heptachlor epoxide	0.052	U
959-98-8	Endosulfan I	0.052	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.52	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.052	U
5103-74-2	gamma-Chlordane	0.052	U
8001-35-2	Toxaphene	5.2	U

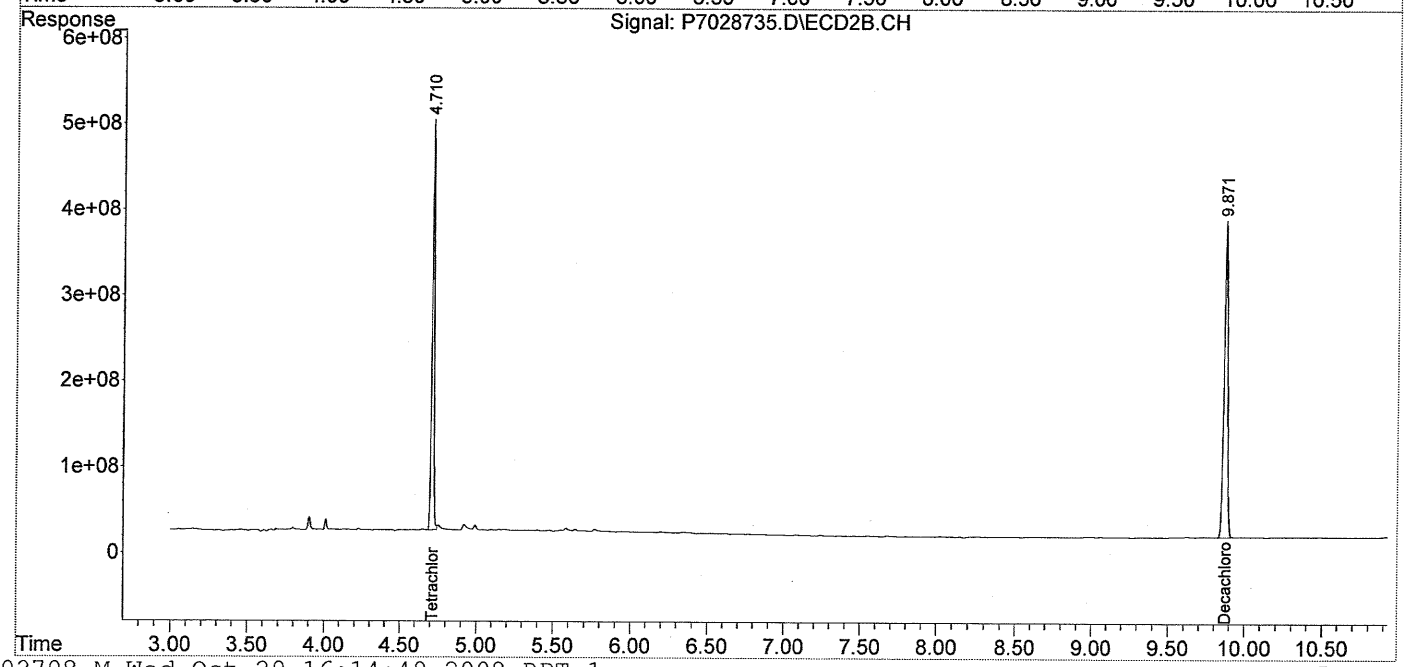
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028735.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:46
Operator : LH
Sample : Z4920-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:37:01 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028735.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:46
Operator : LH
Sample : Z4920-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:37:01 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.986	4.712	2460.3E6	4829.2E6	60.586	55.068
22) SA Decachlor...	8.660	9.872	3564.4E6	6107.6E6	99.866	92.266
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC2-1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-03

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028621.D

% Moisture: Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.97 Sulfur Cleanup: (Y/N) N

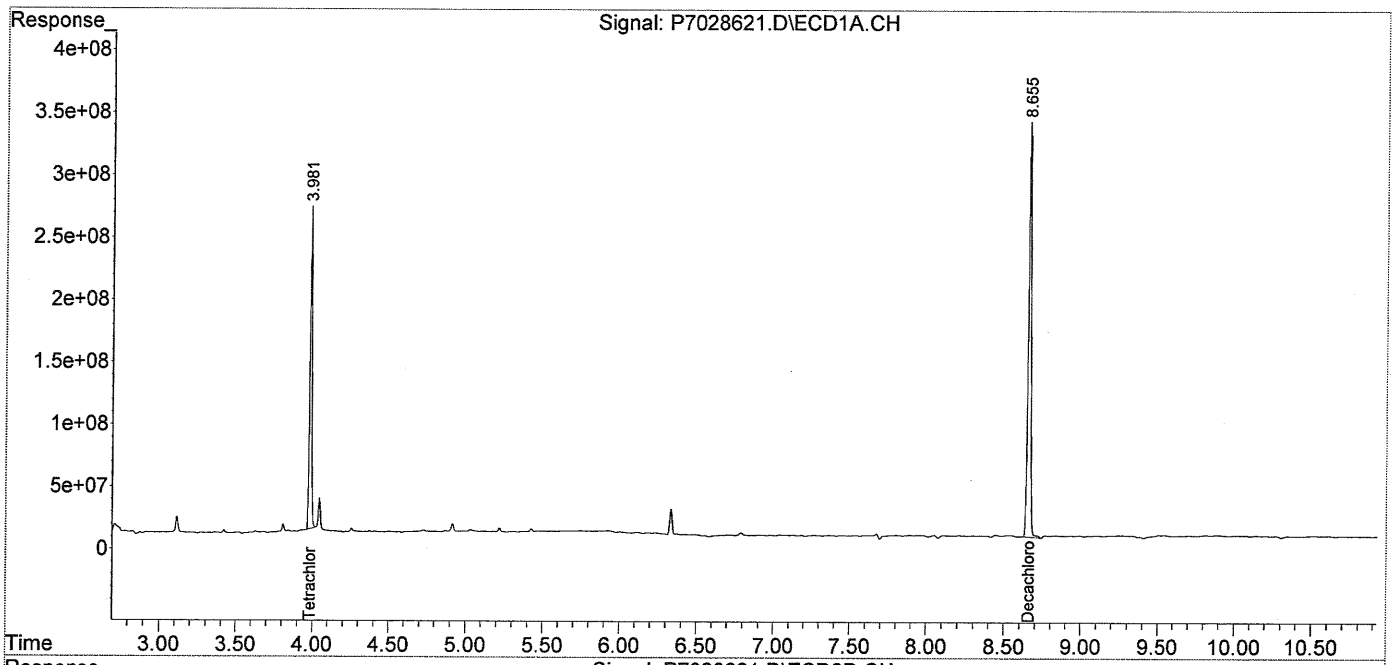
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U

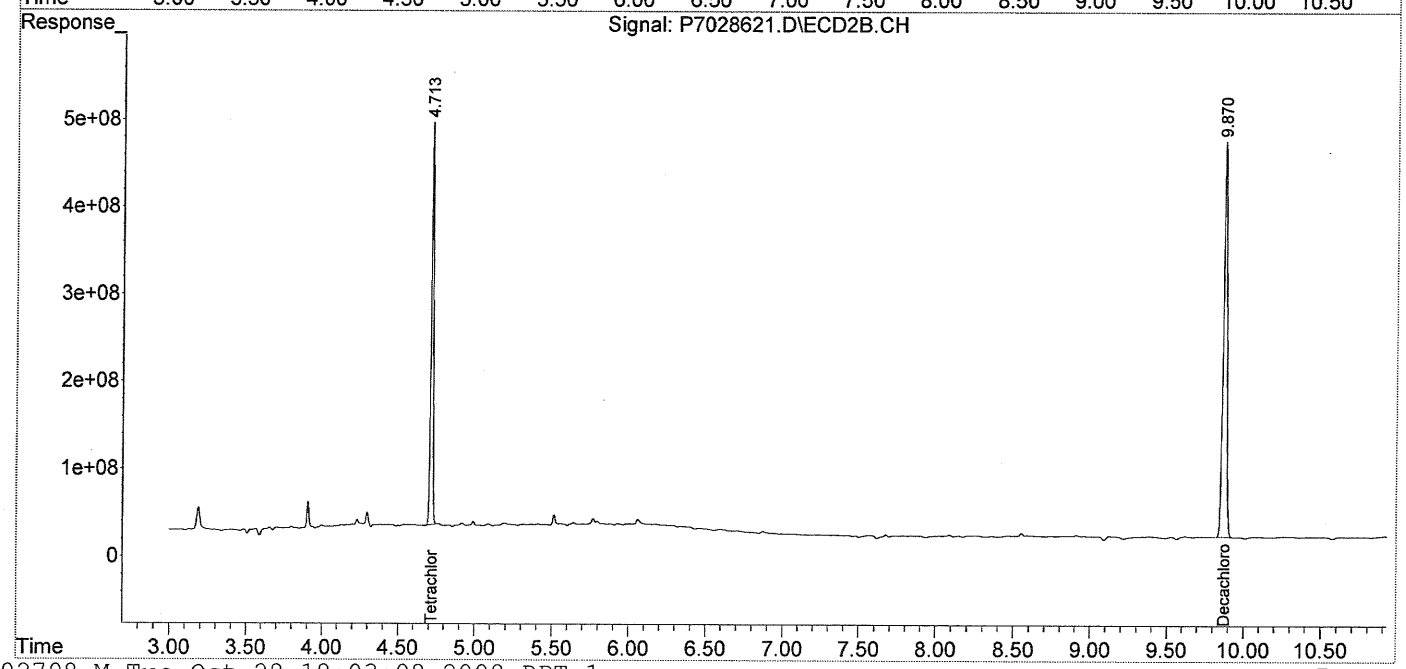
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028621.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:25
Operator : JJ
Sample : Z4920-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:12:49 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028621.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:25
Operator : JJ
Sample : Z4920-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:12:49 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	2349.4E6	4729.4E6	57.855	53.929
22) SA Decachlor...	8.656	9.871	4163.3E6	7530.6E6	116.644	113.763
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC2-2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-04

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028622.D

% Moisture: 15.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.89 Sulfur Cleanup: (Y/N) N

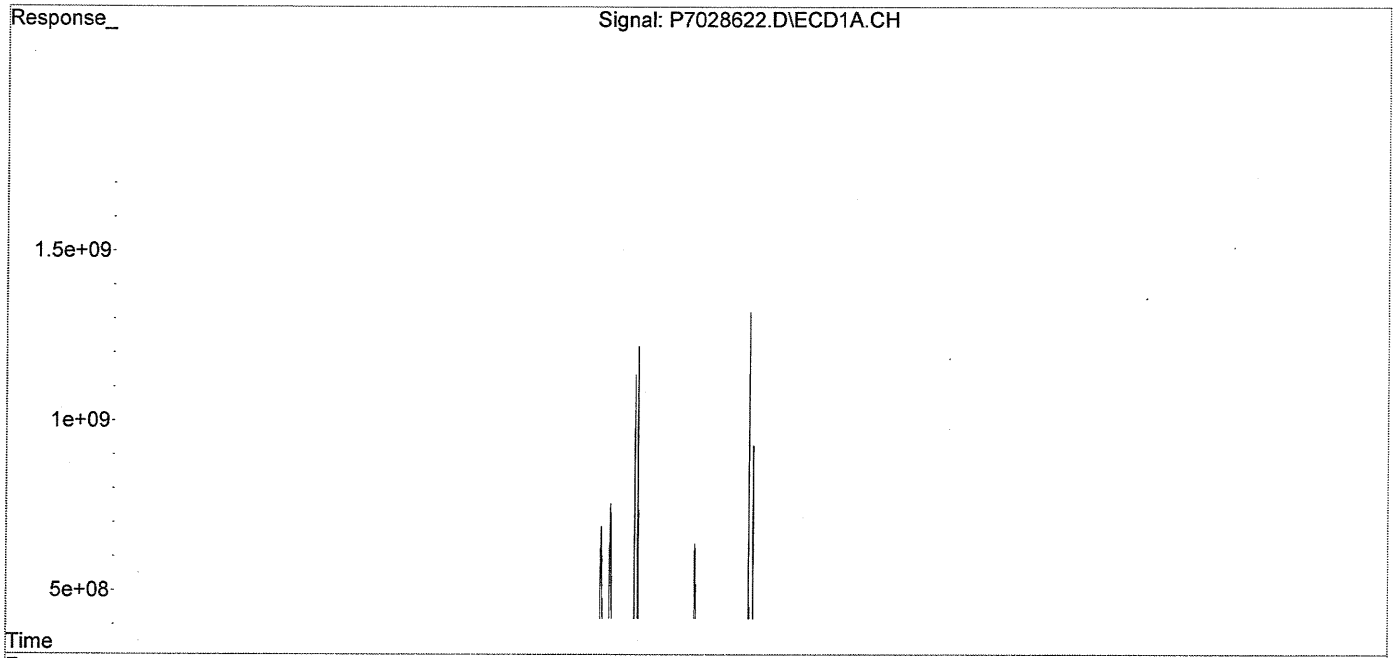
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	9.3	P
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	160	EP
72-20-8	Endrin	67	E
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	28	
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	380	EP
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	77	E
5103-74-2	gamma-Chlordane	61	E
8001-35-2	Toxaphene	200	U

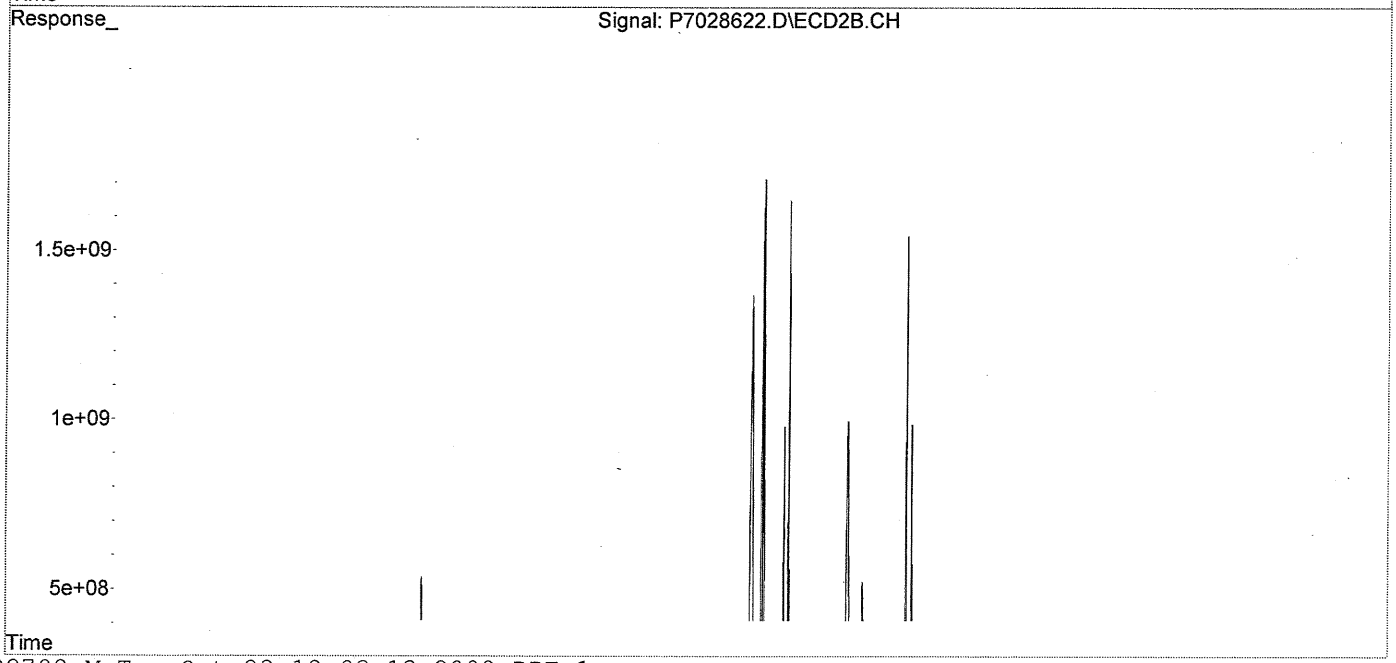
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028622.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:39
Operator : JJ
Sample : Z4920-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

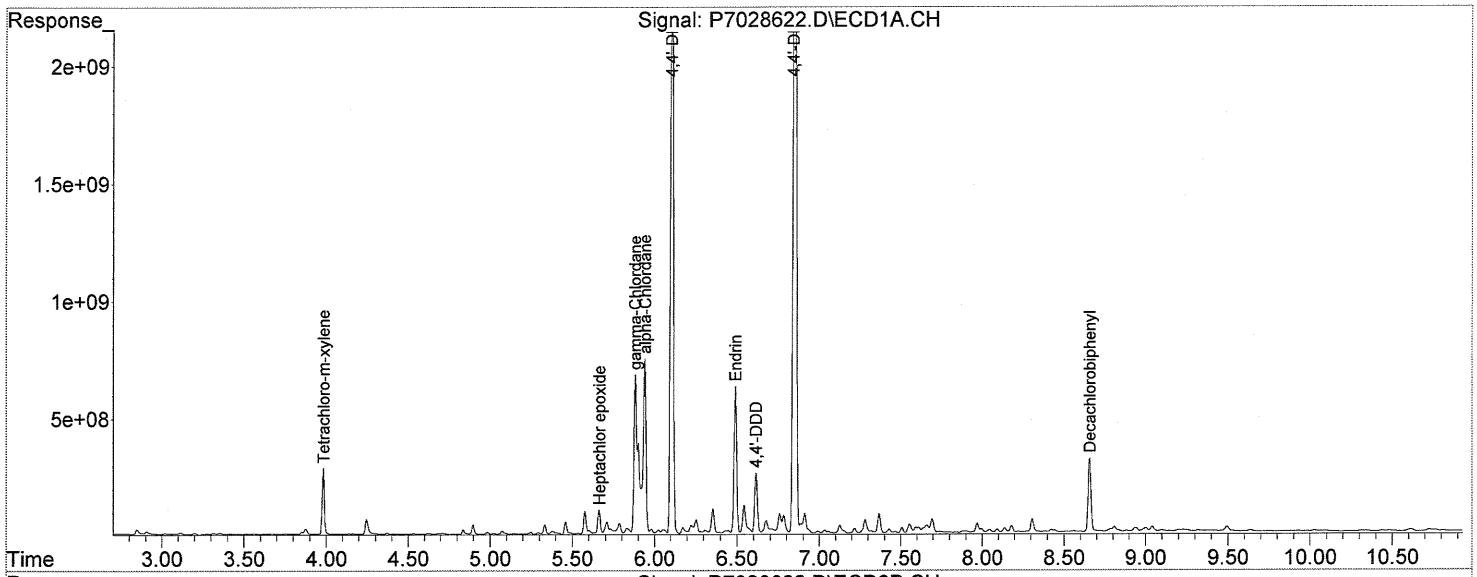
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:18:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

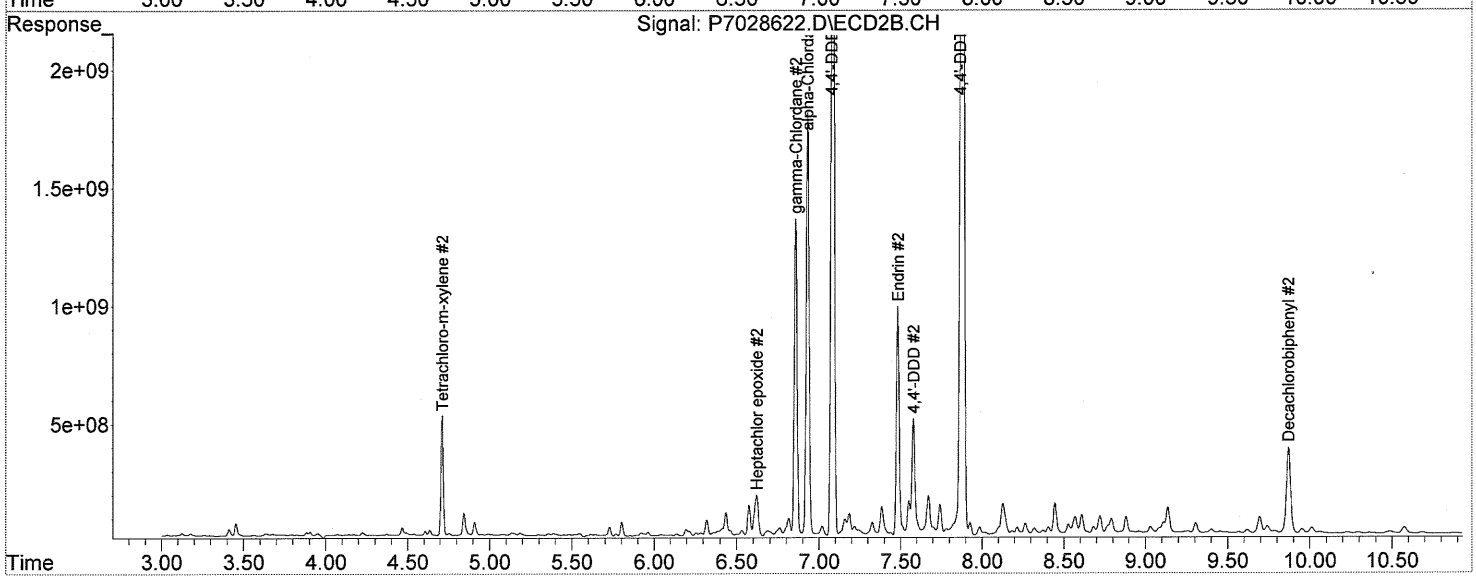
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





File :I:\HPCHEM1\Ecd_7\Data\P7102708\P7028622.D
Operator : JJ
Acquired : 28 Oct 2008 00:39 using AcqMethod CLPNEWMOON.M
Instrument : ECD7
Sample Name: Z4920-04
Misc Info :
Vial Number: 44



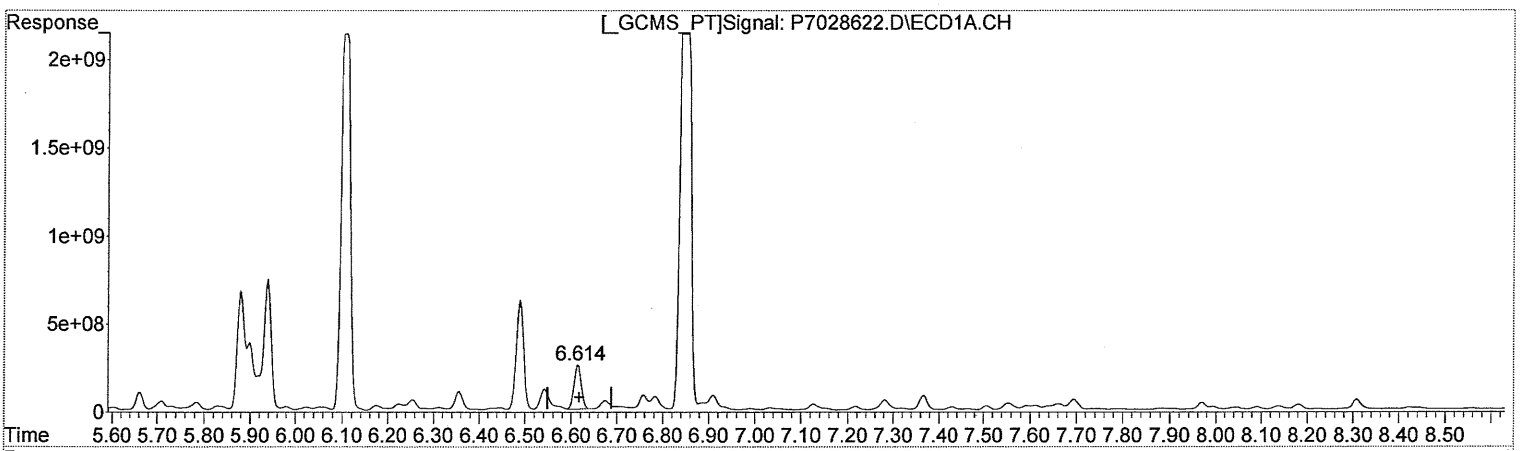


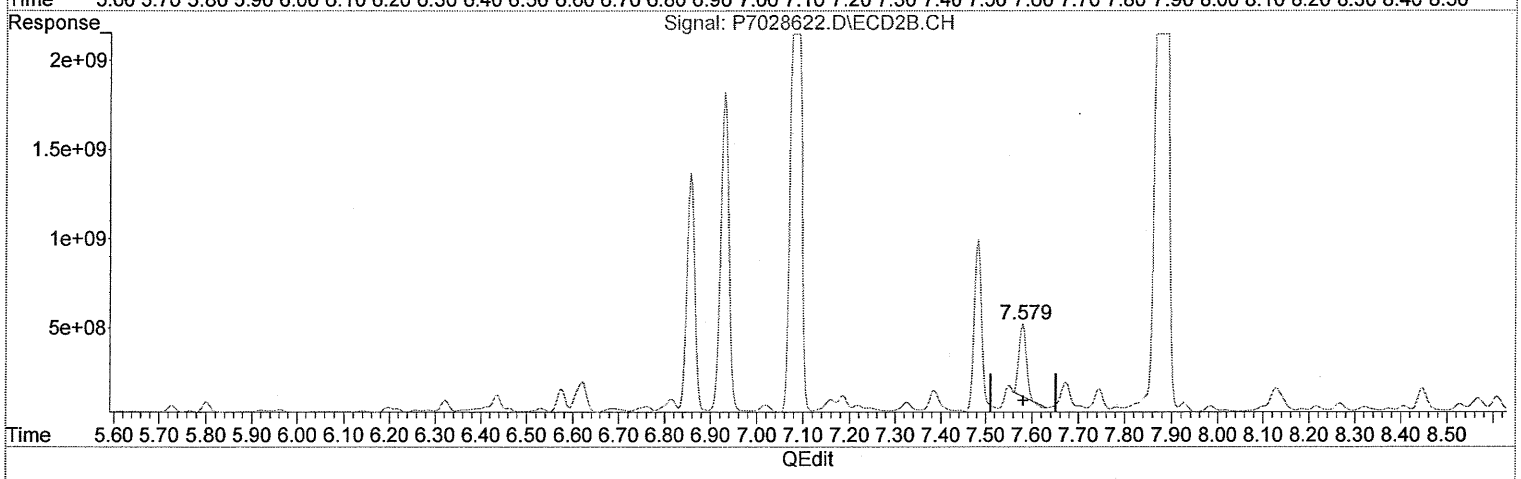
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028622.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:39
Operator : JJ
Sample : Z4920-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:49:30 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(16) 4,4'-DDD (A)

6.615min 72.597 ng/ml

response 2784178871

(16) 4,4'-DDD #2 (A)

7.581min 54.983 ng/ml

response 4318663165

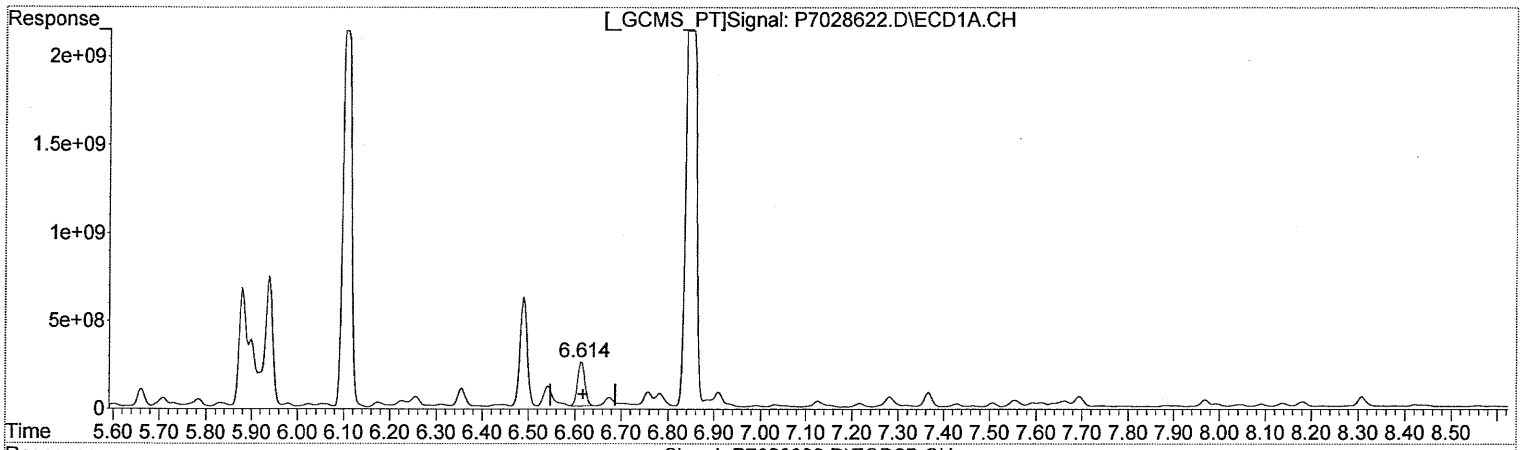
(+) = Expected Retention Time

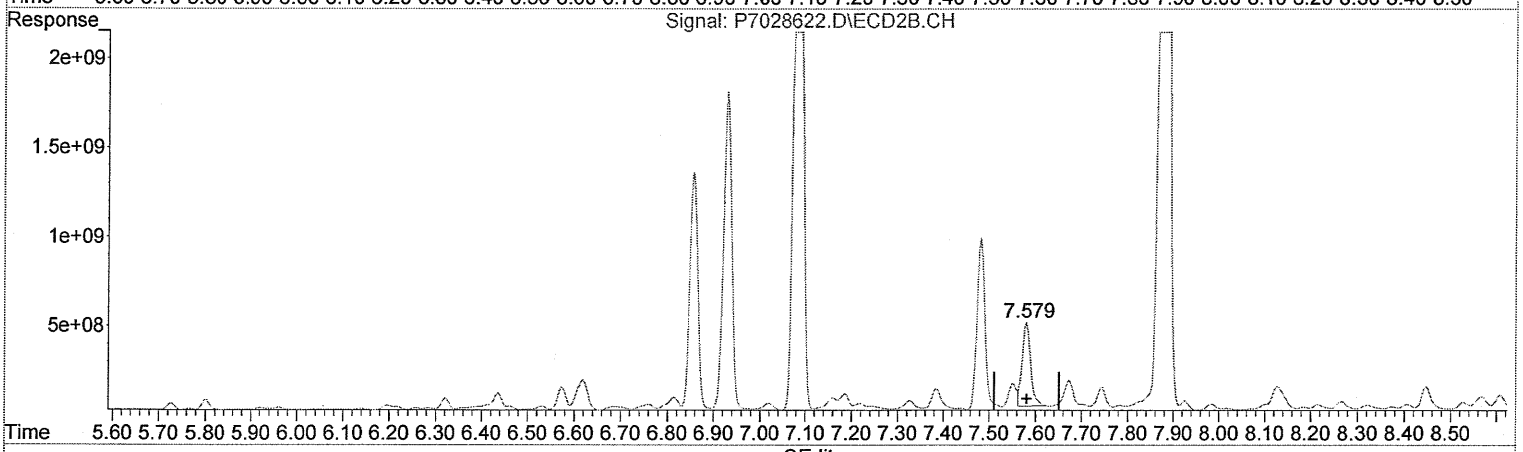
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028622.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:39
Operator : JJ
Sample : Z4920-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:49:30 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.615min 72.597 ng/ml

response 2784178871

(16) 4,4'-DDD #2 (A)

7.579min 77.168 ng/ml m

response 6061234975

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028622.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:39
Operator : JJ
Sample : Z4920-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:18:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.983	4.713	2569.6E6	5390.0E6	63.277	61.462	
22)	SA	Decachlor...	8.656	9.871	3787.6E6	6337.8E6	106.120	95.743	
		Target Compounds							
8)	B	Heptachlo...	5.662	6.621	1163.3E6	2892.9E6	23.864	30.298	#
10)	B	gamma-Chl...	5.881	6.858	7515.1E6	16385.8E6	155.055	175.380	
11)	B	alpha-Chl...	5.940	6.931	9183.3E6	18618.4E6	195.856	208.588	
12)	B	4,4'-DDE	6.108	7.082	25211.5E6	34275.0E6	543.501	402.047	#
14)	MA	Endrin	6.491	7.484	6814.6E6	11802.0E6	171.011	179.056	
16)	A	4,4'-DDD	6.615	7.579	2784.2E6	6061.2E6	72.597	77.168m	
17)	MA	4,4'-DDT	6.848	7.875	32207.8E6	53701.5E6	1238.016	982.809	

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC2-2DL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-04DL

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028623.D

% Moisture: 15.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.89 Sulfur Cleanup: (Y/N) N

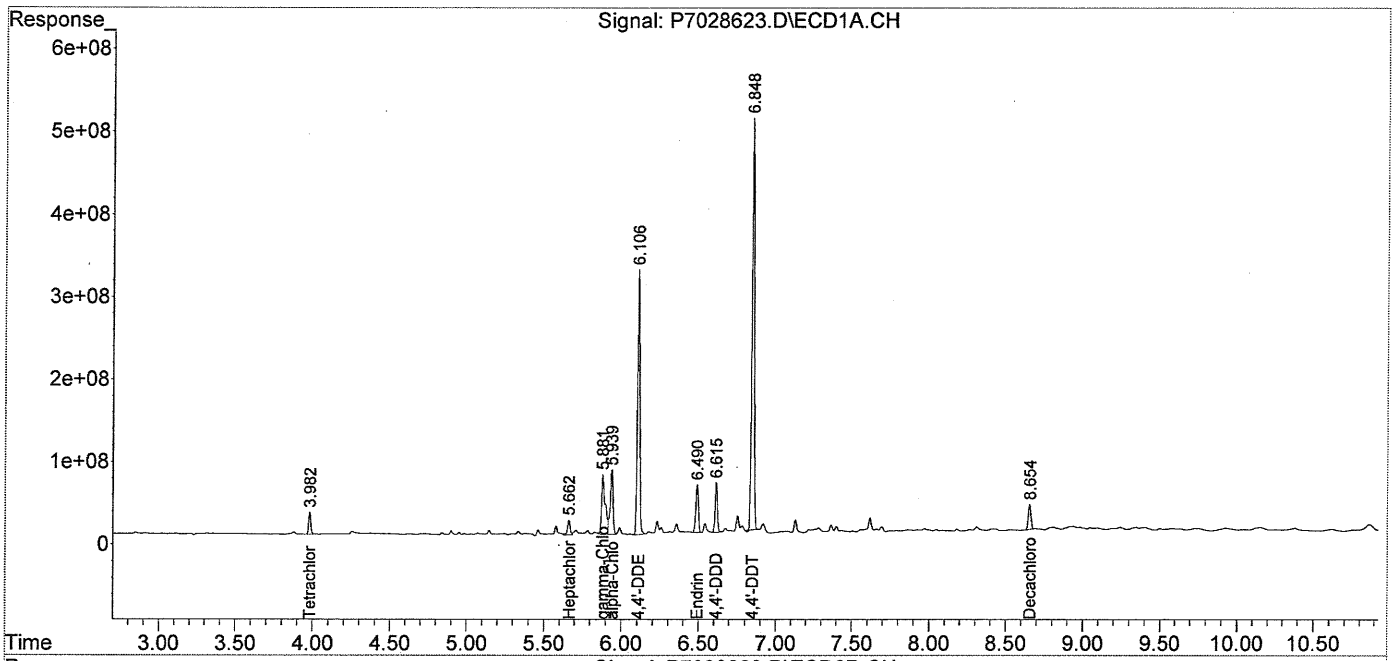
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	18	JD
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	290	D
72-20-8	Endrin	67	D
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	56	D
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	660	ED
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39	U
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	82	D
5103-74-2	gamma-Chlordane	72	DP
8001-35-2	Toxaphene	2000	U

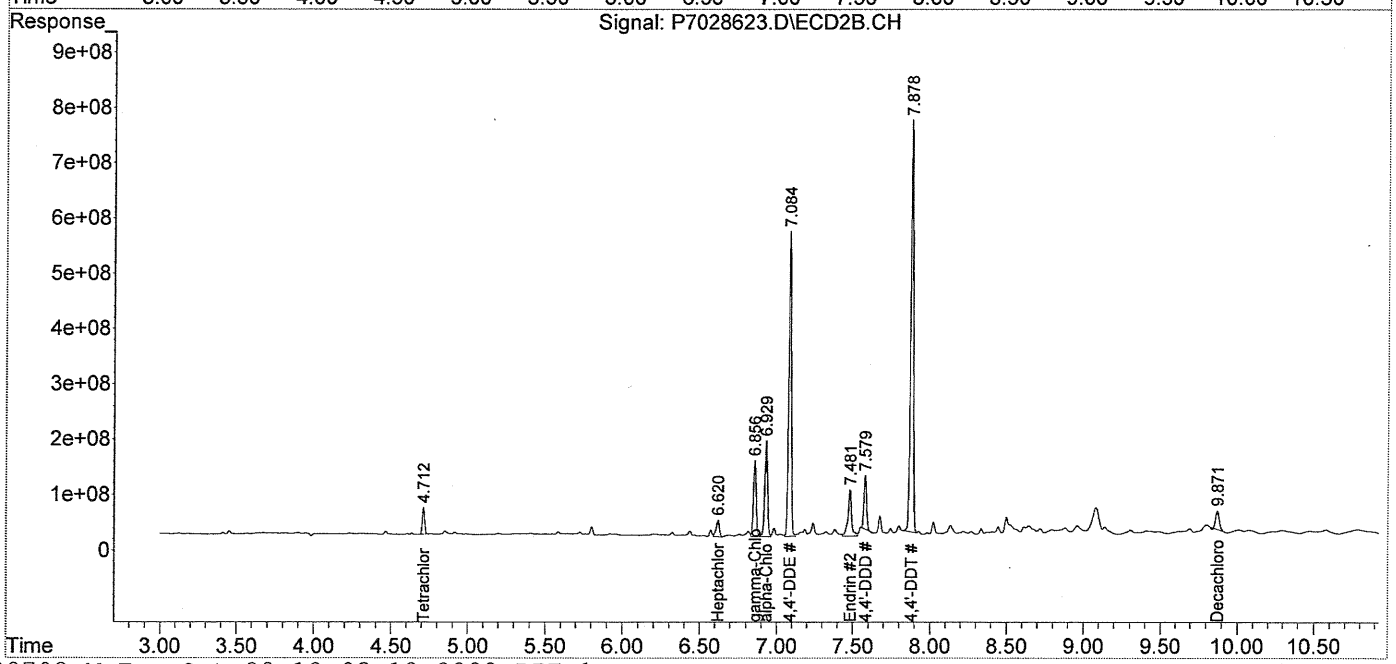
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:53
Operator : JJ
Sample : Z4920-04 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:20:15 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028623.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:53
Operator : JJ
Sample : Z4920-04 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:20:15 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.983	4.713	251.0E6	480.2E6	6.181	5.475
2)	SA	Decachlor...	8.655	9.872	356.9E6	512.6E6	10.000	7.744
		Target Compounds						
8)	B	Heptachlo...	5.664	6.621	223.3E6	443.4E6	4.580	4.643
.0)	B	gamma-Chl...	5.882	6.858	1167.6E6	1717.3E6	24.091	18.380
.1)	B	alpha-Chl...	5.940	6.930	982.6E6	2219.0E6	20.957	24.861
.2)	B	4,4'-DDE	6.108	7.085	3432.3E6	6475.4E6	73.993	75.957
.4)	MA	Endrin	6.491	7.483	679.2E6	1364.0E6	17.044	20.694
.6)	A	4,4'-DDD	6.616	7.581	660.9E6	1124.8E6	17.232	14.321
.7)	MA	4,4'-DDT	6.850	7.880	5442.2E6	9243.2E6	209.190	169.163

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC2-2DL2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-04DL2

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028671.D

% Moisture: 15.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.89 Sulfur Cleanup: (Y/N) N

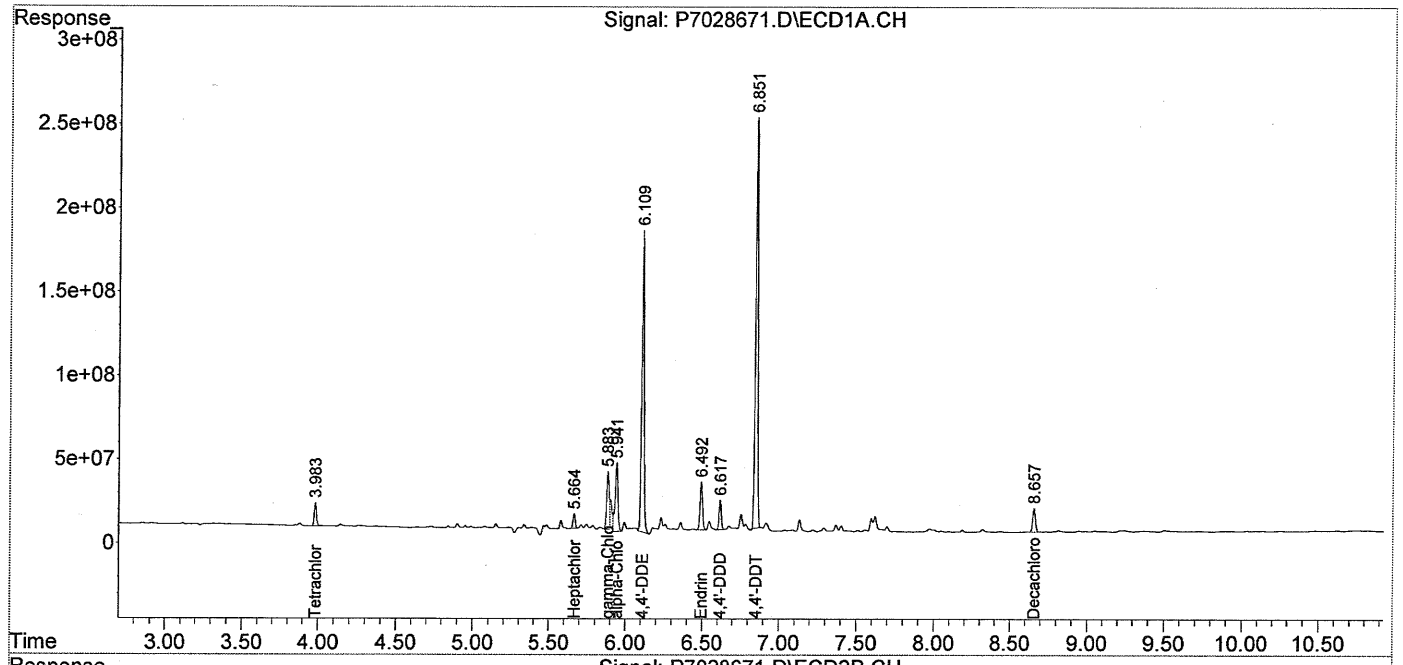
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	40	U
319-85-7	beta-BHC	40	U
319-86-8	delta-BHC	40	U
58-89-9	gamma-BHC (Lindane)	40	U
76-44-8	Heptachlor	40	U
309-00-2	Aldrin	40	U
1024-57-3	Heptachlor epoxide	14	JD
959-98-8	Endosulfan I	40	U
60-57-1	Dieldrin	77	U
72-55-9	4,4'-DDE	250	DP
72-20-8	Endrin	48	JDP
33213-65-9	Endosulfan II	77	U
72-54-8	4,4'-DDD	26	JDP
1031-07-8	Endosulfan sulfate	77	U
50-29-3	4,4'-DDT	610	DP
72-43-5	Methoxychlor	400	U
53494-70-5	Endrin ketone	77	U
7421-93-4	Endrin aldehyde	77	U
5103-71-9	alpha-Chlordane	80	D
5103-74-2	gamma-Chlordane	55	D
8001-35-2	Toxaphene	4000	U

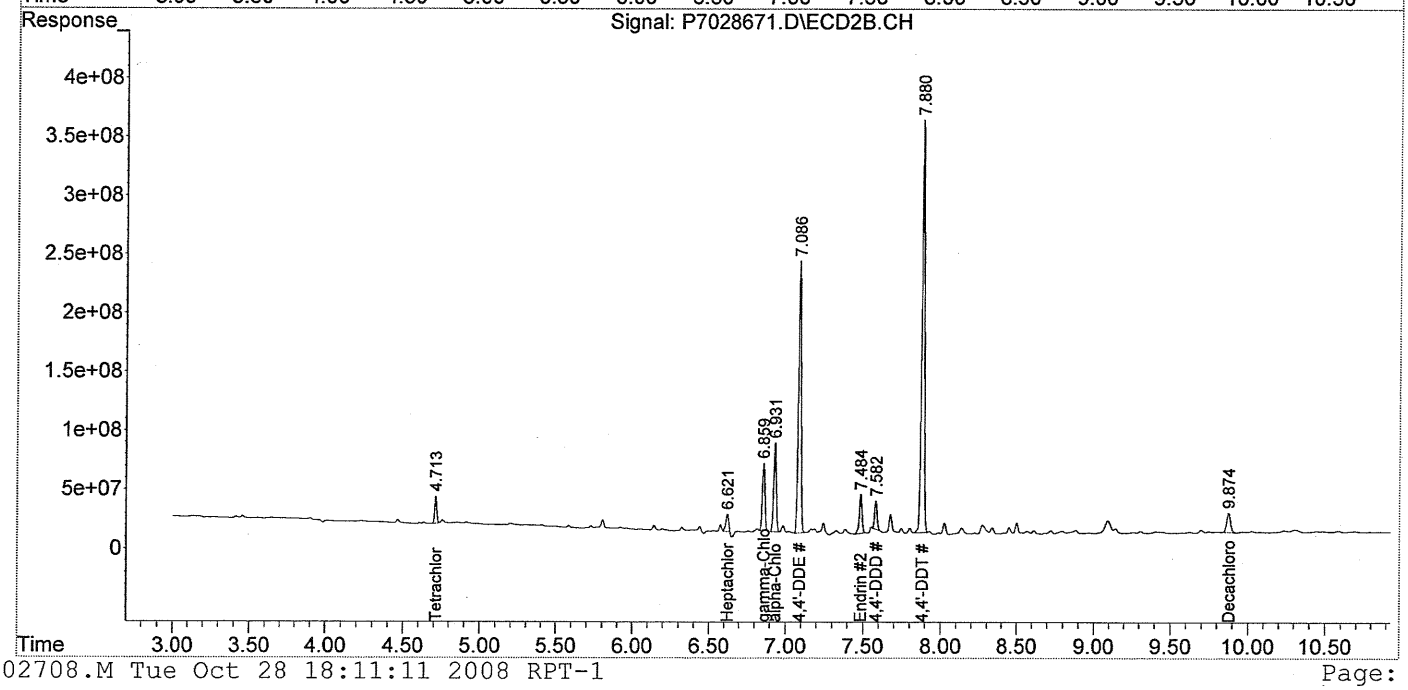
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:07:38 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



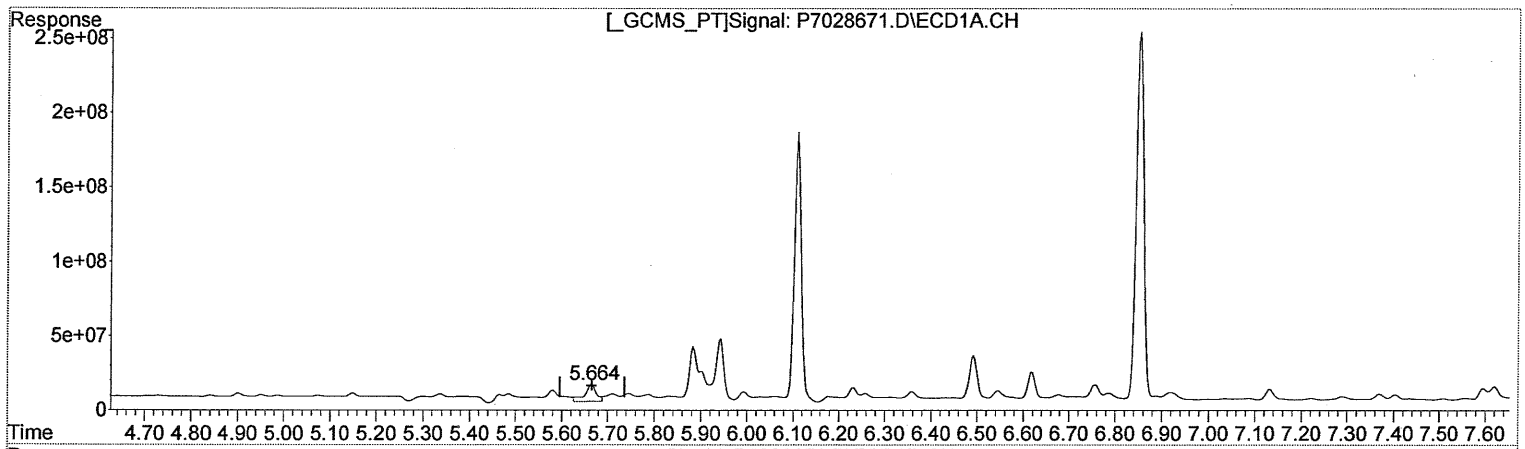


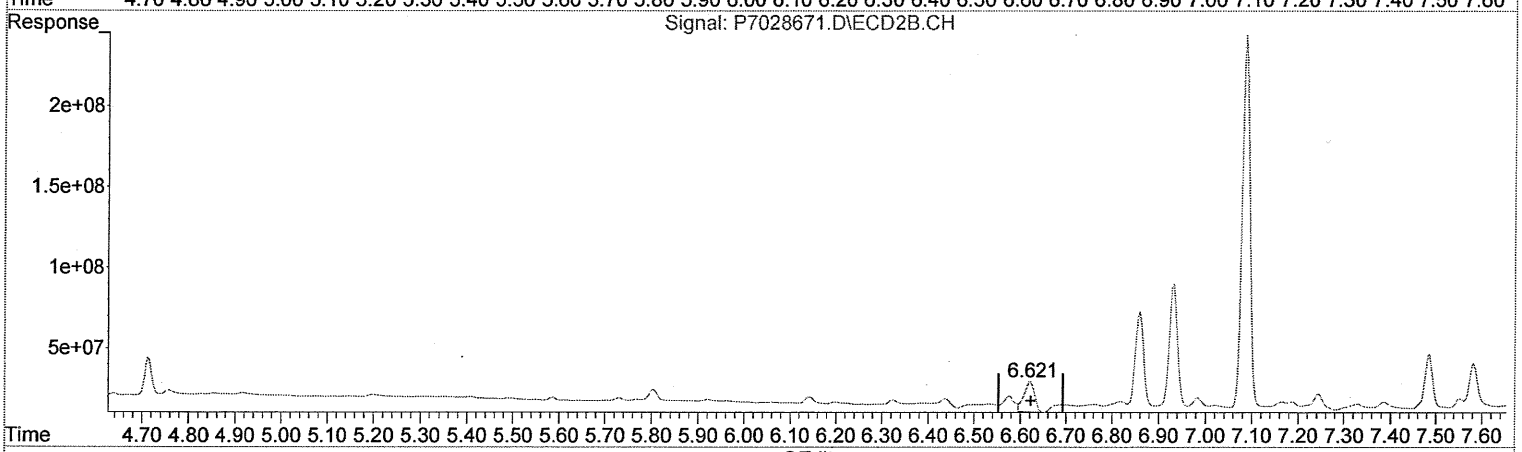
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.666min 4.063 ng/ml

response 198046403

(8) Heptachlor epoxide #2 (B)

6.622min 3.301 ng/ml

response 315184743

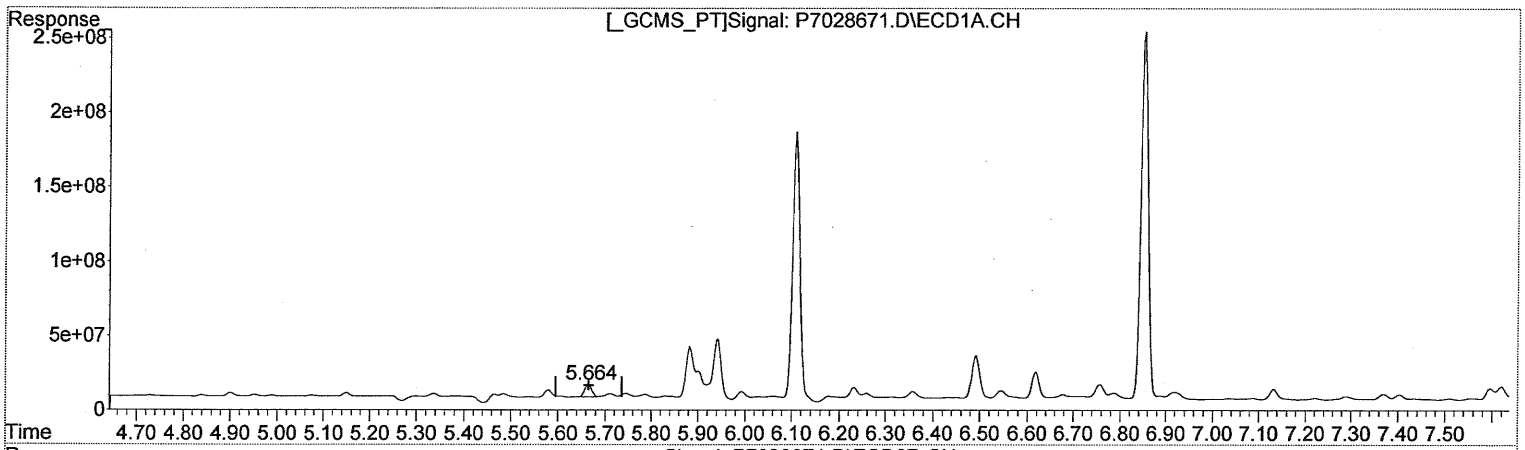
(+) = Expected Retention Time

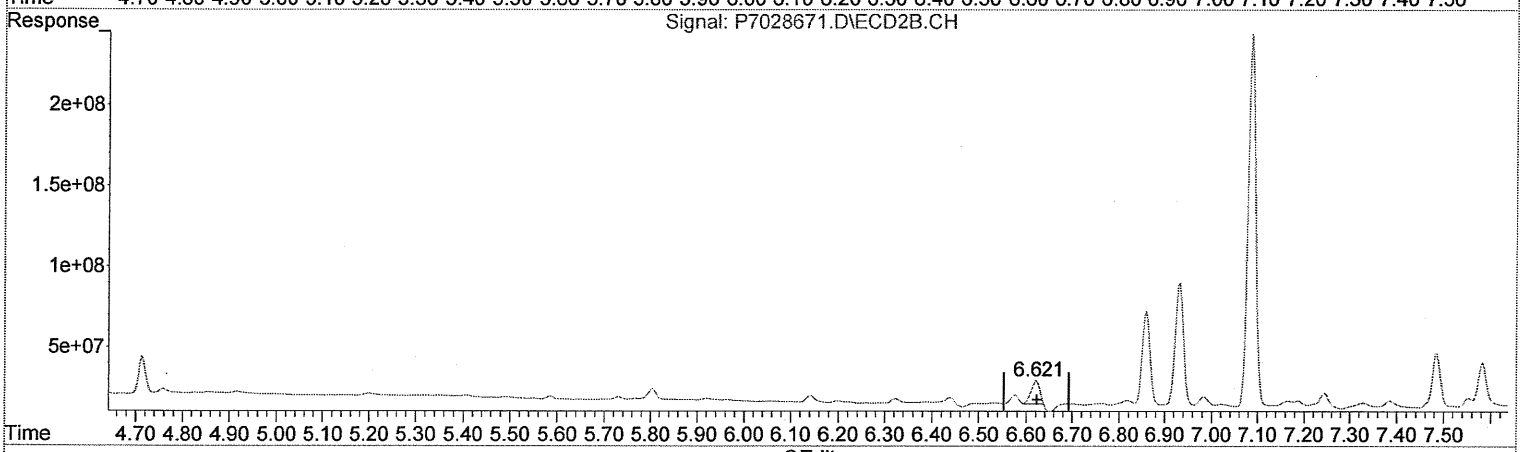
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.664min 1.793 ng/ml m

response 87409895

(8) Heptachlor epoxide #2 (B)

6.621min 2.051 ng/ml m

response 195791169

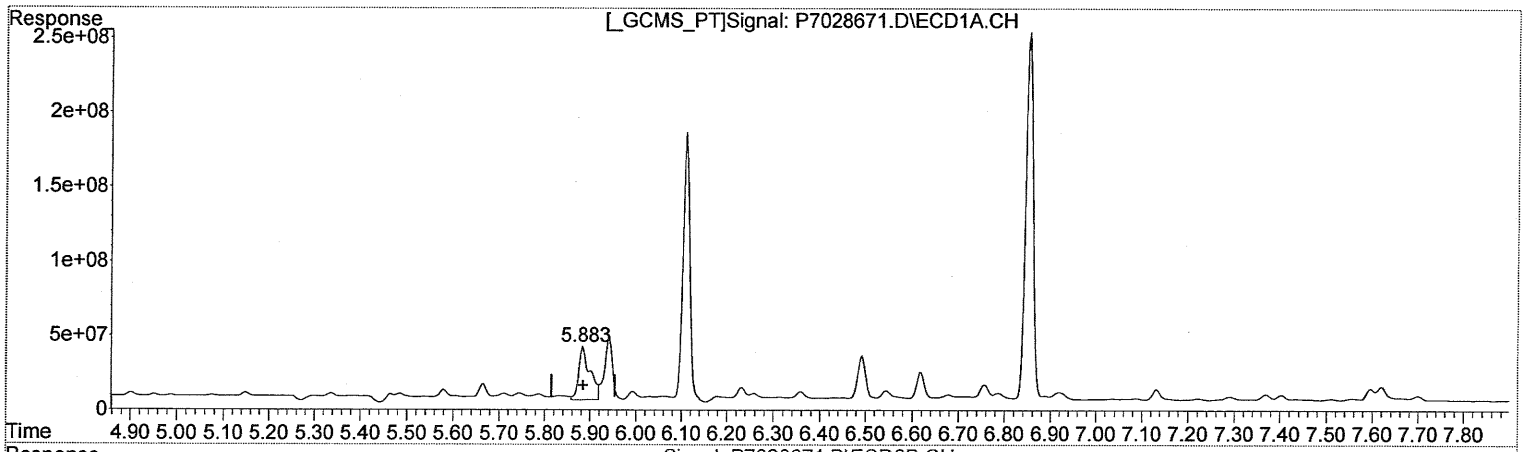
(+) = Expected Retention Time

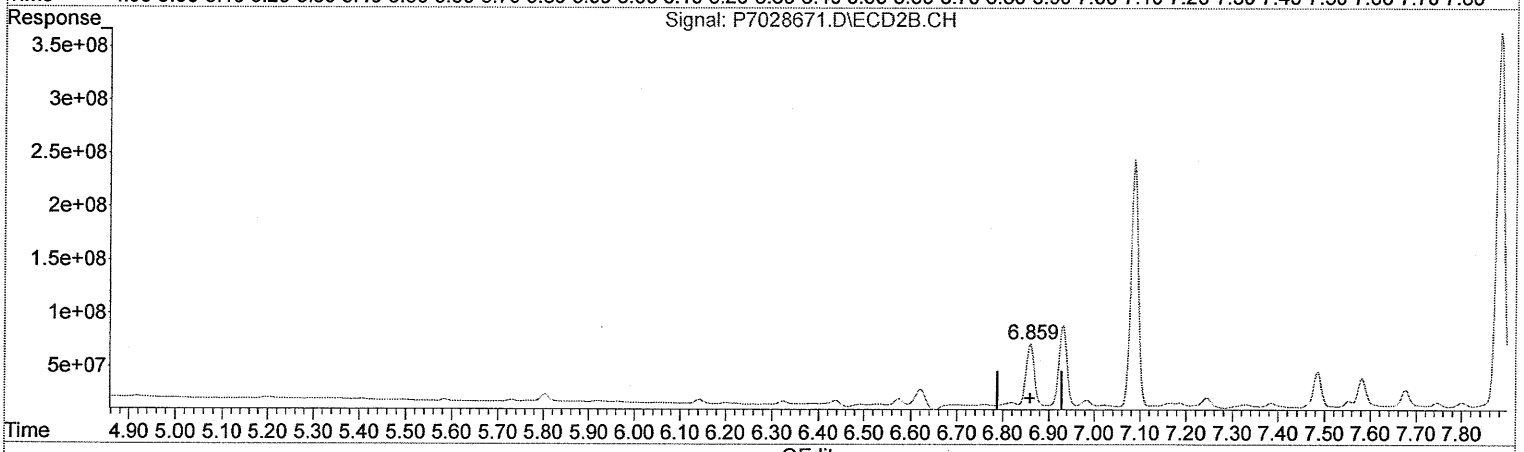
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.884min 12.749 ng/ml

response 617900114

(10) gamma-Chlordane #2 (B)

6.860min 9.355 ng/ml

response 874058157

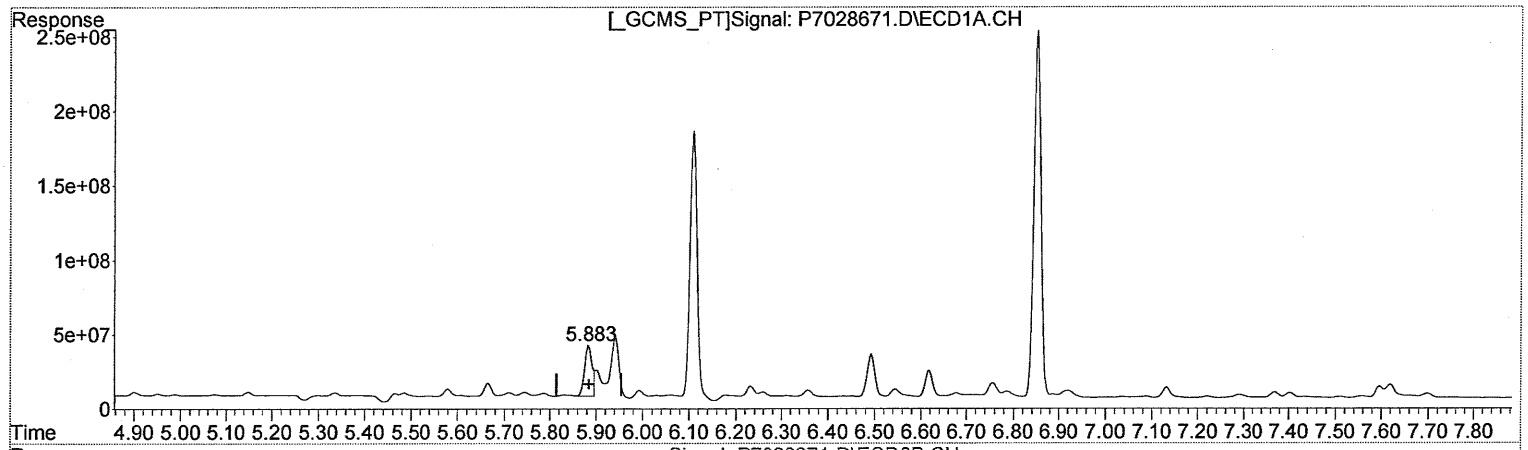
(+) = Expected Retention Time

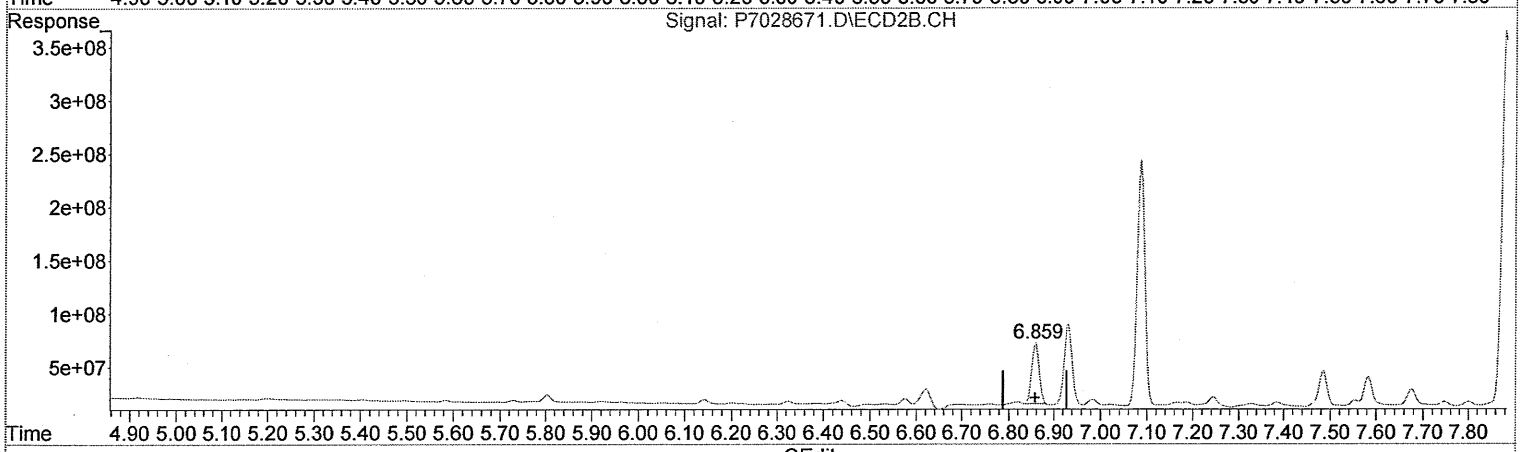
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) gamma-Chlordane (B)

5.883min 8.440 ng/ml m

response 409083373

(10) gamma-Chlordane #2 (B)

6.859min 7.093 ng/ml m

response 662738167

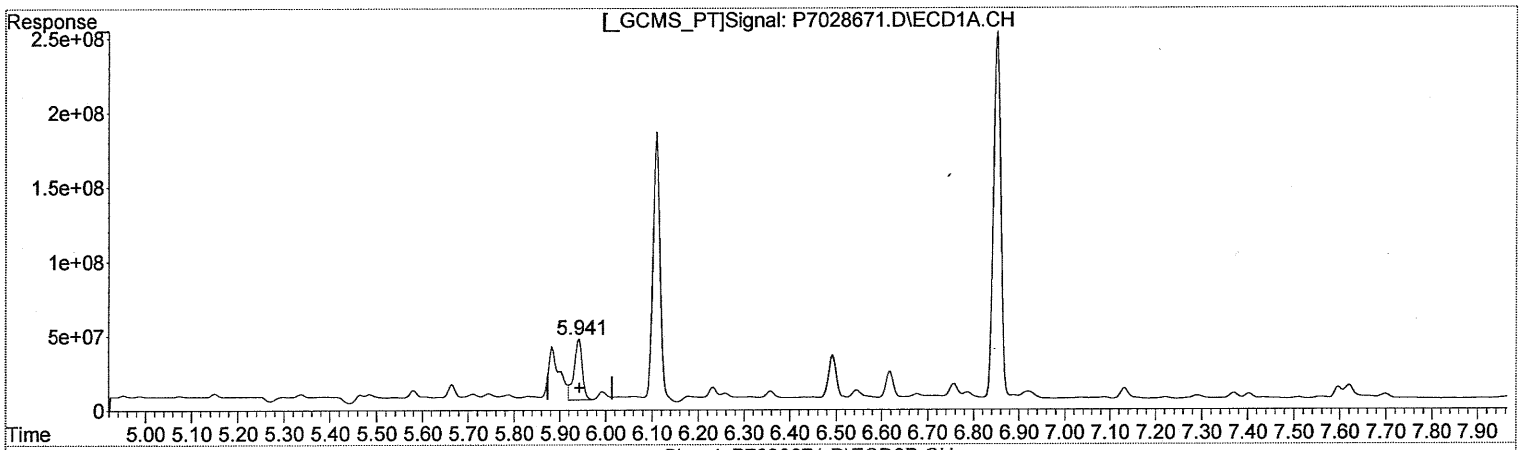
(+) = Expected Retention Time

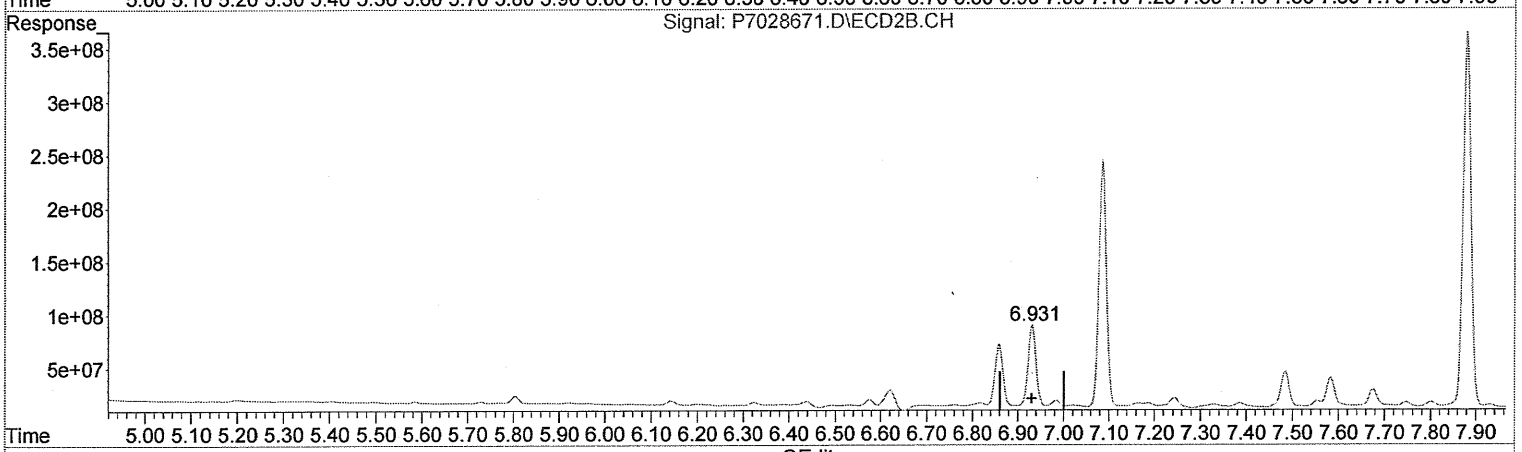
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) alpha-Chlordane (B)

5.943min 10.994 ng/ml

response 515484292

(11) alpha-Chlordane #2 (B)

6.933min 12.271 ng/ml

response 1095284092

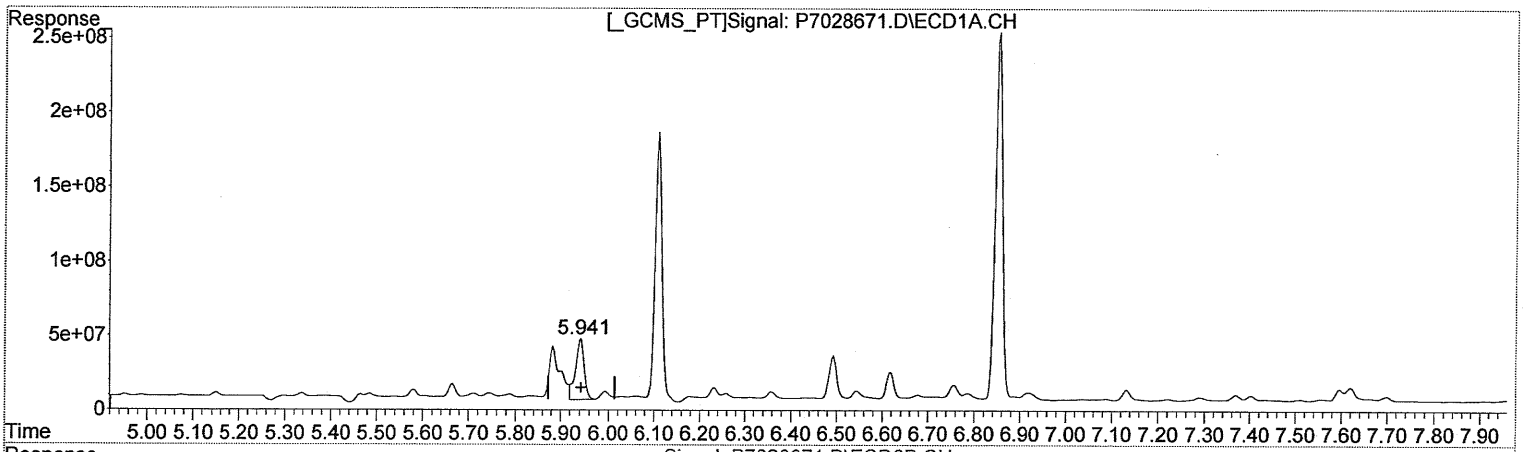
(+) = Expected Retention Time

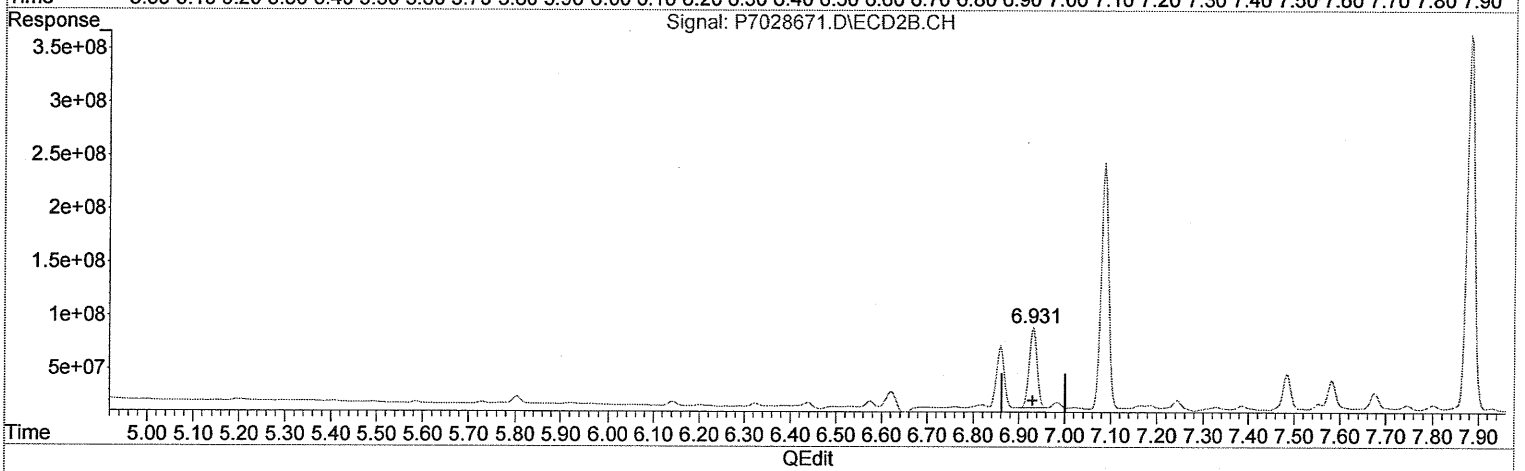
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(11) alpha-Chlordane (B)

5.943min 10.994 ng/ml

response 515484292

(11) alpha-Chlordane #2 (B)

6.931min 10.175 ng/ml m

response 908212300

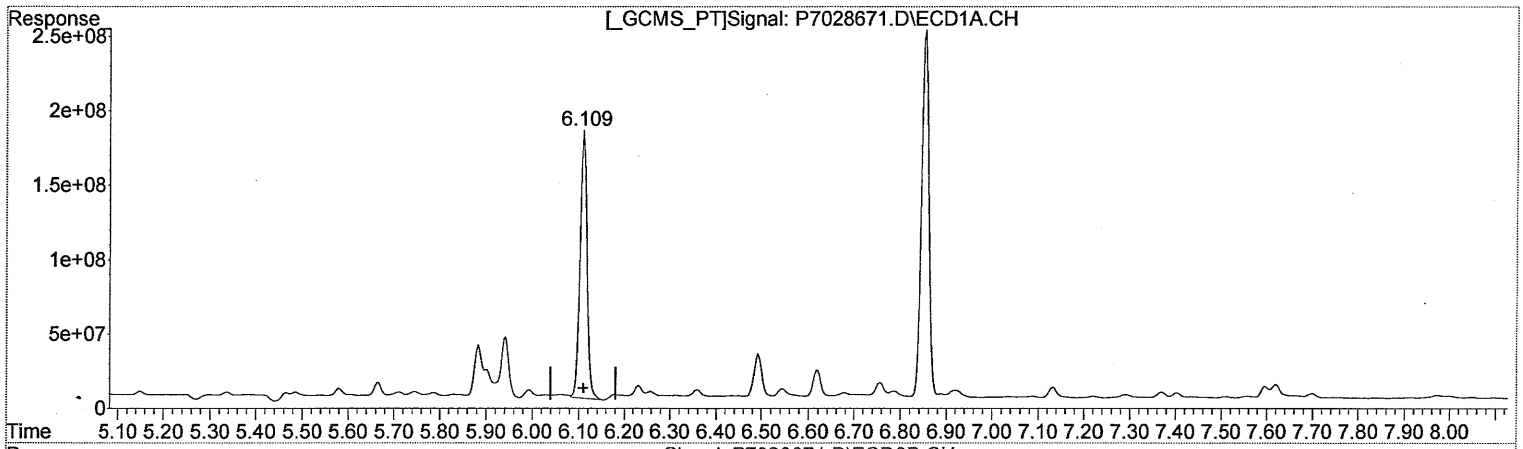
(+) = Expected Retention Time

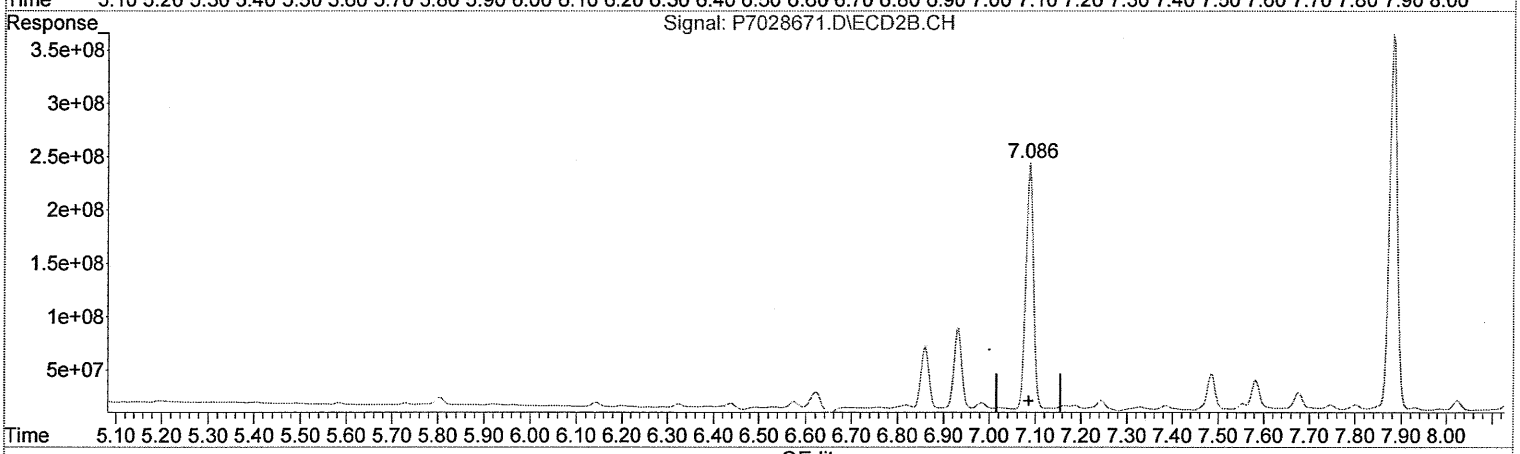
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(12) 4,4'-DDE (B)

6.110min 41.293 ng/ml

response 1915487781

(12) 4,4'-DDE #2 (B)

7.087min 33.650 ng/ml

response 2868721201

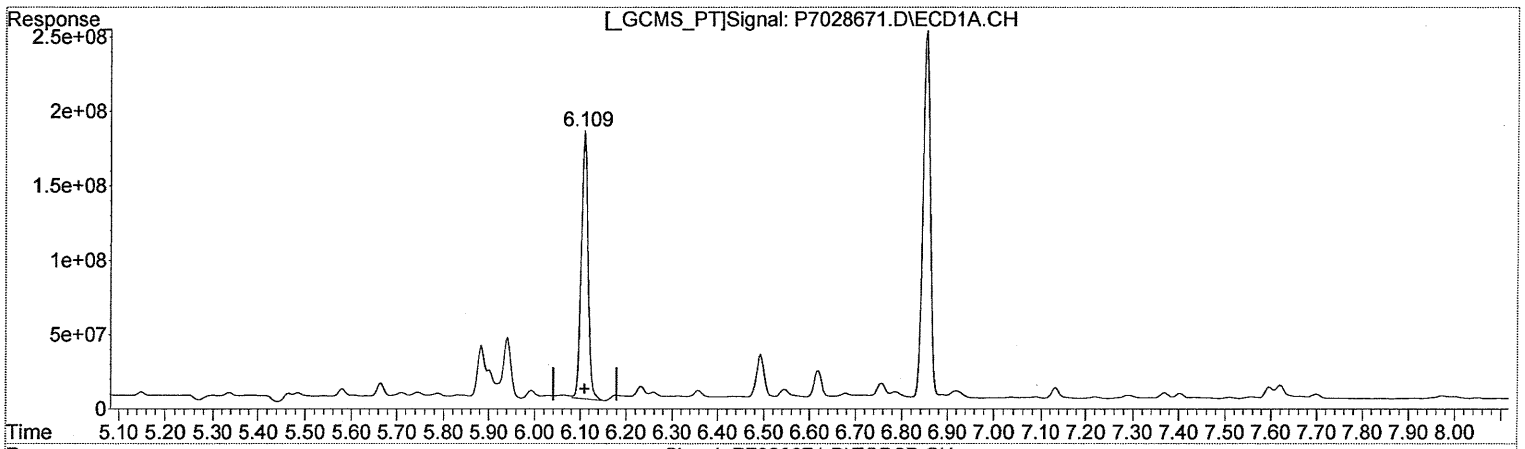
(+) = Expected Retention Time

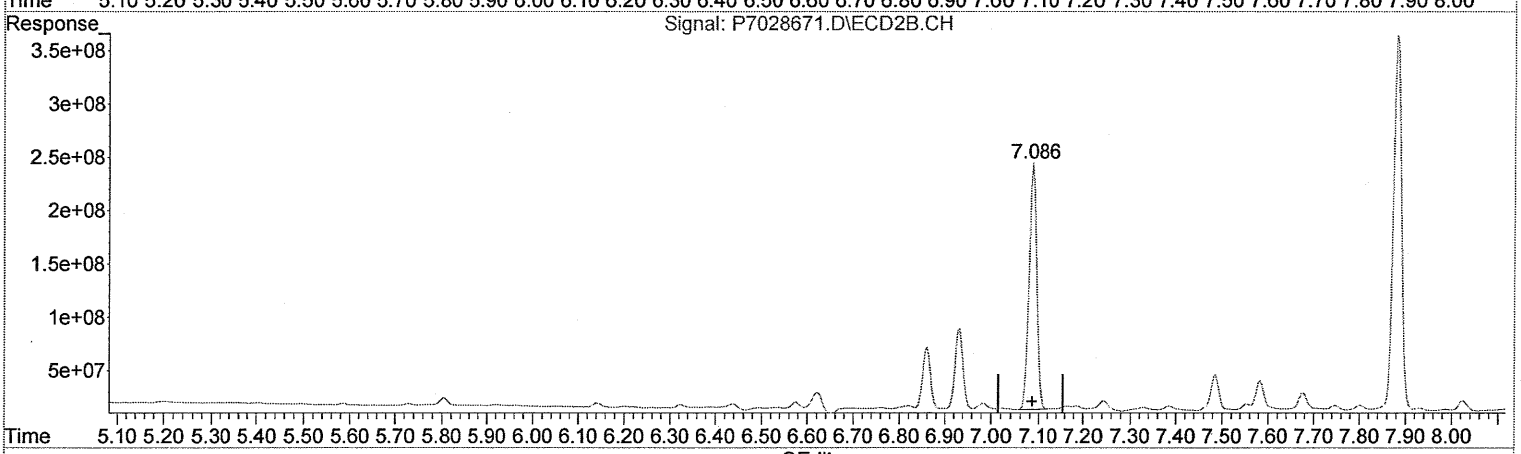
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(12) 4,4'-DDE (B)

6.110min 41.293 ng/ml

response 1915487781

(12) 4,4'-DDE #2 (B)

7.086min 31.431 ng/ml m

response 2679568640

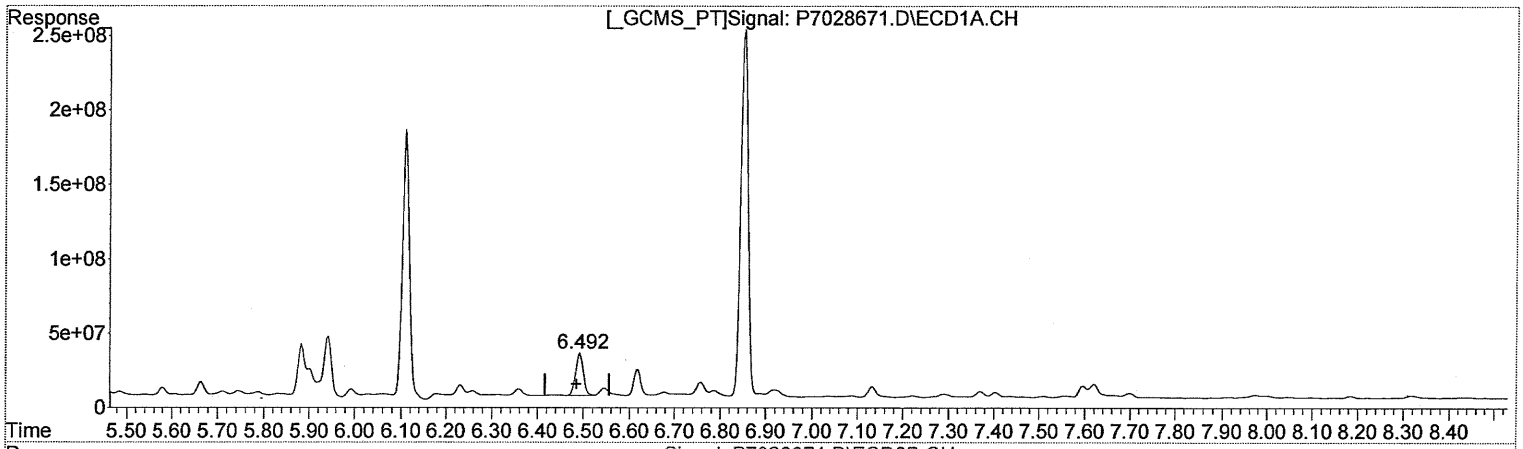
(+) = Expected Retention Time

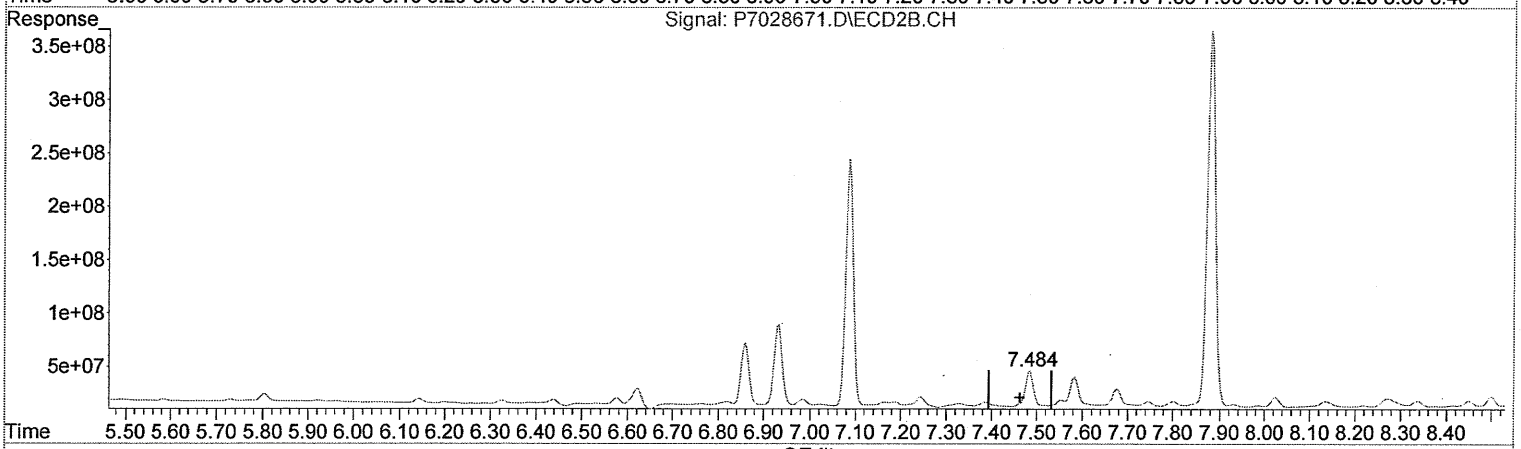
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(14) Endrin (MA)

6.493min 8.358 ng/ml

response 333063235

(14) Endrin #2 (MA)

7.486min 9.765 ng/ml

response 643605115

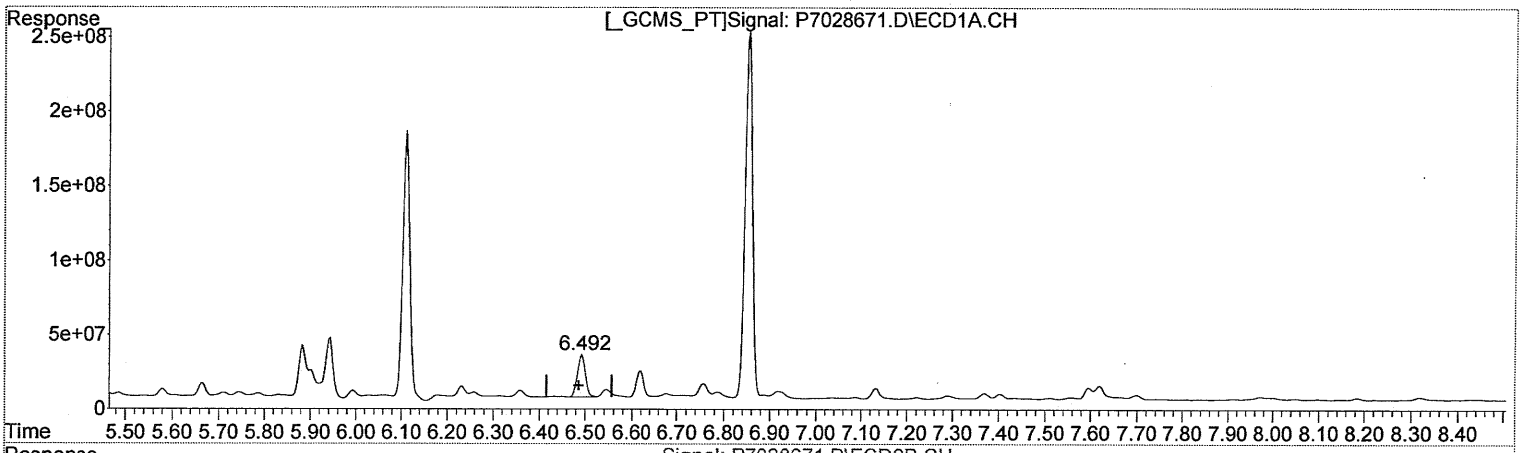
(+) = Expected Retention Time

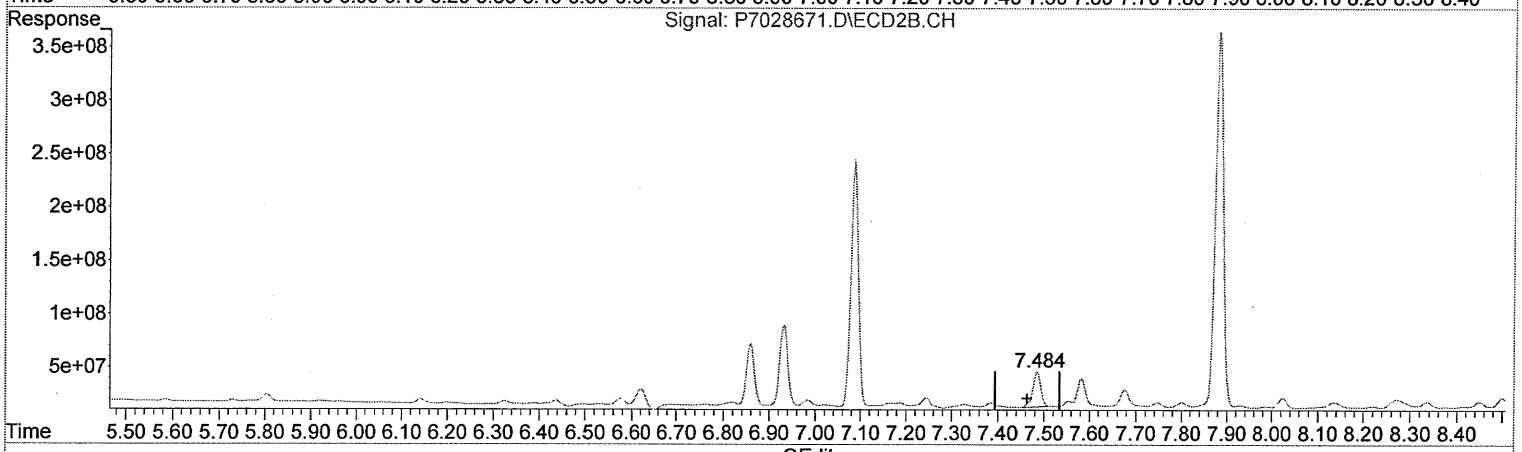
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:00:13 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(14) Endrin (MA)

6.493min 8.358 ng/ml

response 333063235

(14) Endrin #2 (MA)

7.484min 6.135 ng/ml m

response 404345286

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028671.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 14:50
Operator : JJ
Sample : Z4920-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:07:38 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.984	4.715	129.9E6	231.8E6	3.199	2.643
22)	SA	Decachlor...	8.659	9.876	179.6E6	281.1E6	5.032	4.247
Target Compounds								
8)	B	Heptachlo...	5.664	6.621	87409895	195.8E6	1.793m	2.051m
10)	B	gamma-Chl...	5.883	6.859	409.1E6	662.7E6	8.440m	7.093m
11)	B	alpha-Chl...	5.943	6.931	515.5E6	908.2E6	10.994	10.175m
12)	B	4,4'-DDE	6.110	7.086	1915.5E6	2679.6E6	41.293	31.431m
14)	MA	Endrin	6.493	7.484	333.1E6	404.3E6	8.358	6.135m#
16)	A	4,4'-DDD	6.619	7.583	193.2E6	263.5E6	5.037	3.354 #
17)	MA	4,4'-DDT	6.853	7.882	2714.6E6	4243.1E6	104.347	77.654 #

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC2-3

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-05

Sample wt/vol: 30.1 (g/mL) g Lab File ID: P7028624.D

% Moisture: 19.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.23 Sulfur Cleanup: (Y/N) N

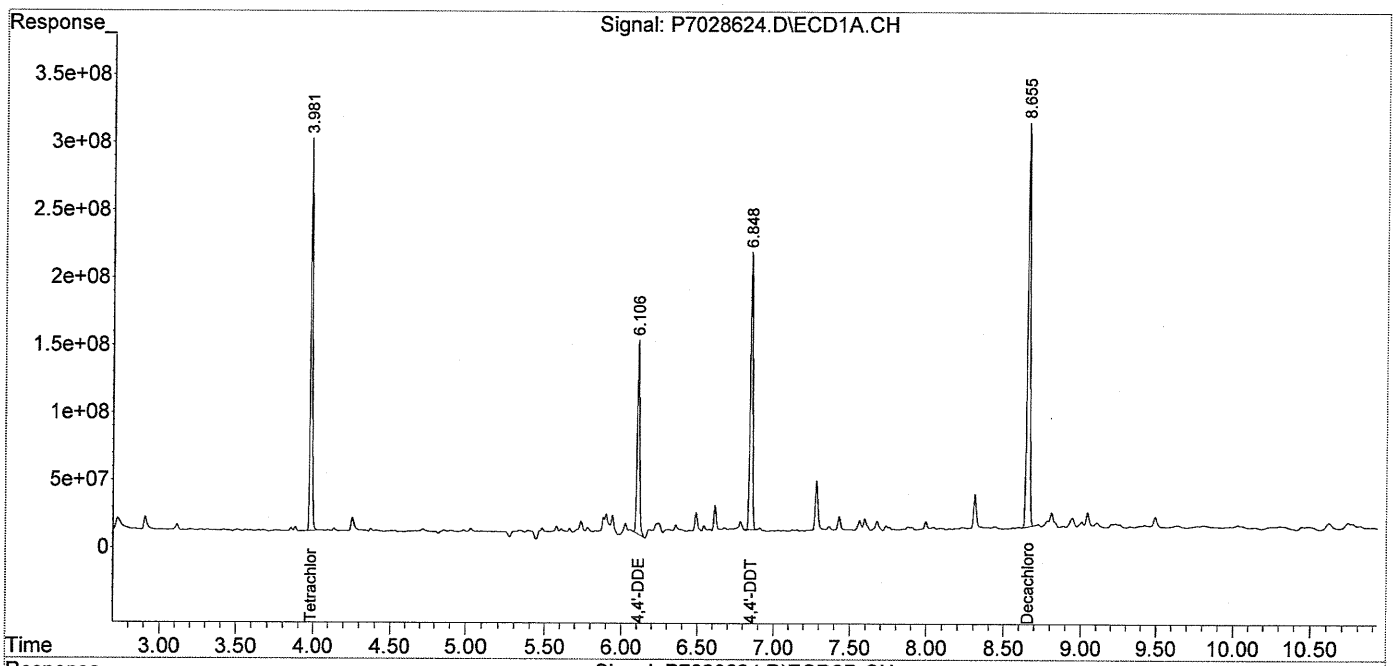
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	14	
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	30	
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

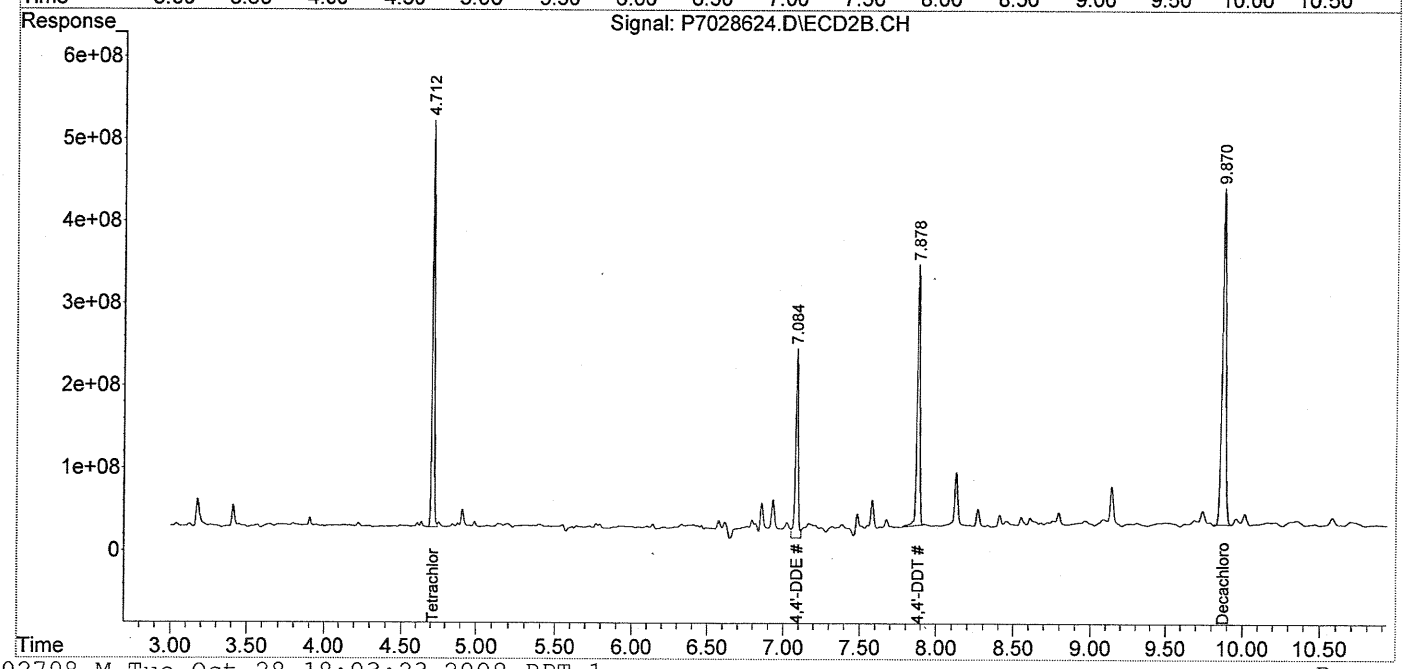
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:07
Operator : JJ
Sample : Z4920-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:23:46 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028624.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:07
Operator : JJ
Sample : Z4920-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:23:46 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.713	2632.0E6	4911.5E6	64.815	56.006
22) SA Decachlor...	8.656	9.872	3611.1E6	6671.2E6	101.173	100.779
Target Compounds						
12) B 4,4'-DDE	6.108	7.085	1587.0E6	2906.8E6	34.213	34.097
17) MA 4,4'-DDT	6.850	7.880	2244.5E6	3961.5E6	86.274	72.501

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-06

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028625.D

% Moisture: 12.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.51 Sulfur Cleanup: (Y/N) N

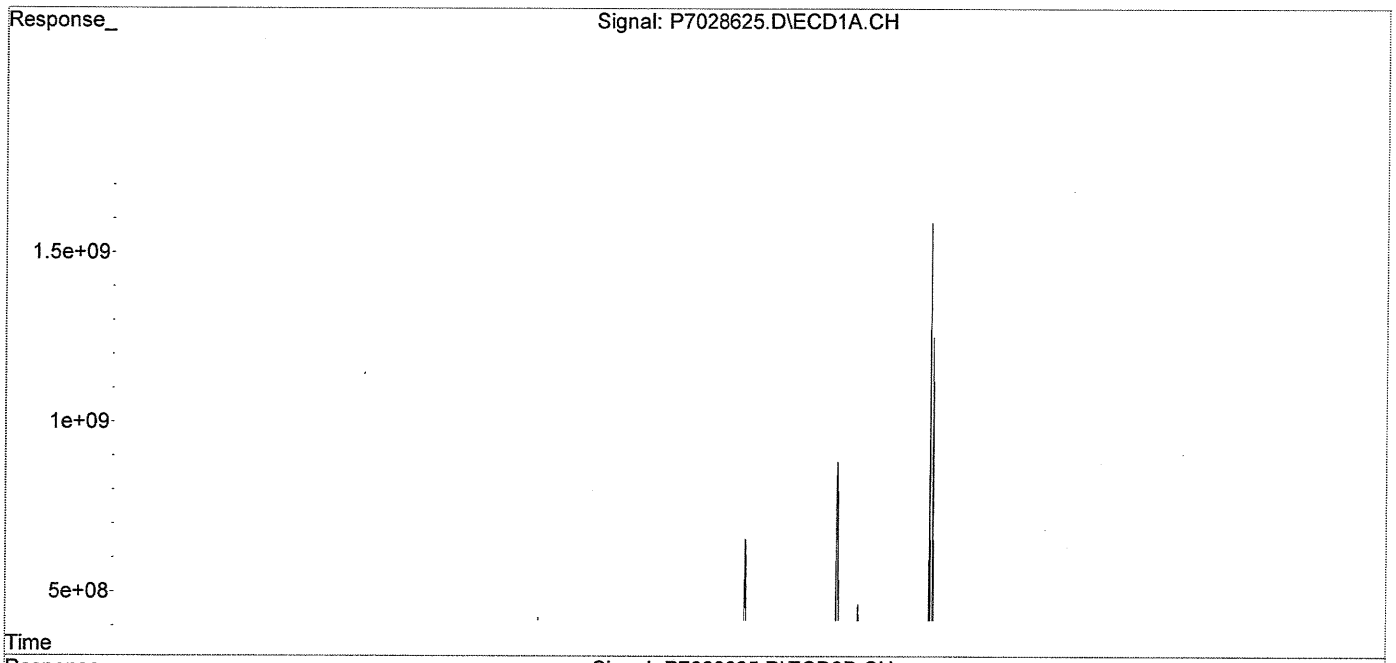
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	4.7	
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U

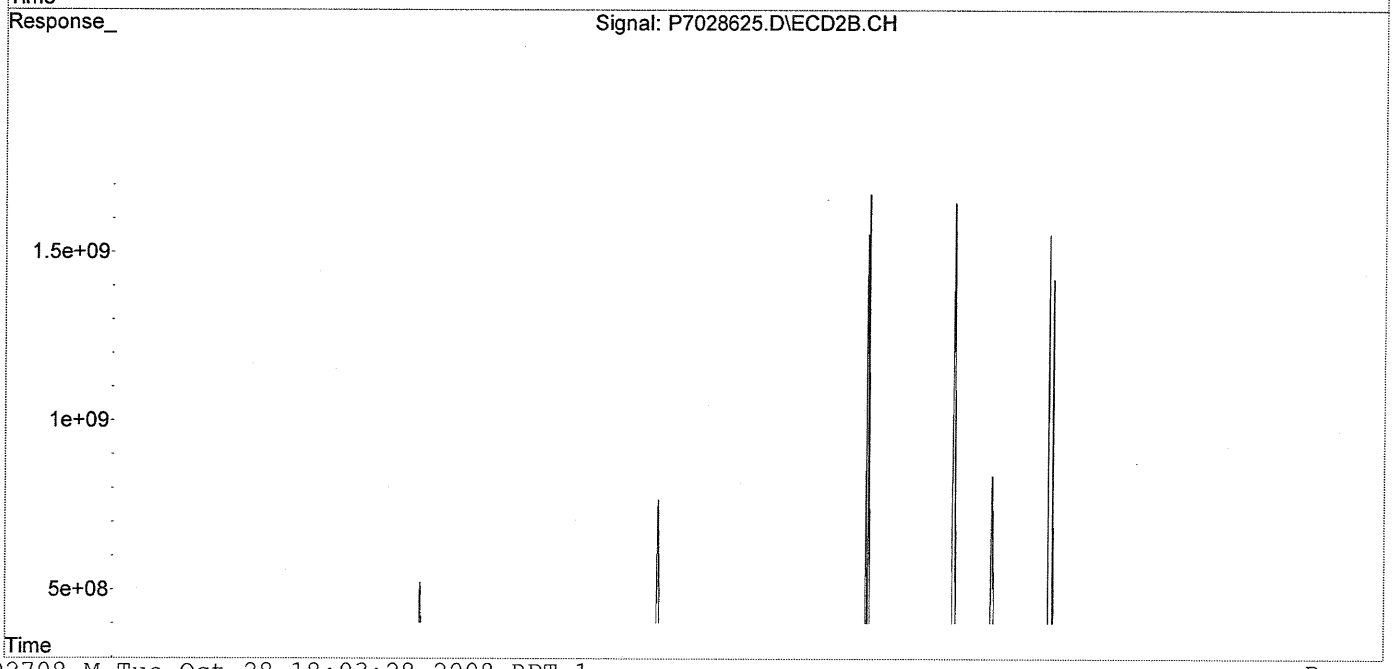
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:21
Operator : JJ
Sample : Z4920-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

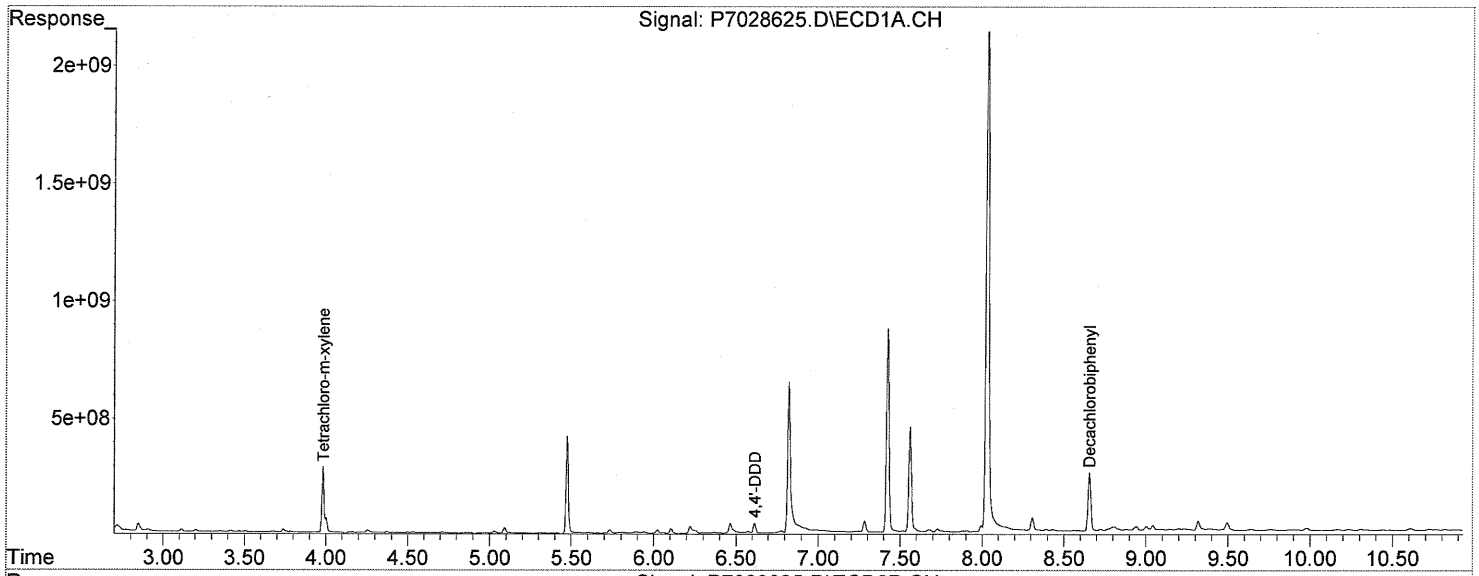
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:25:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

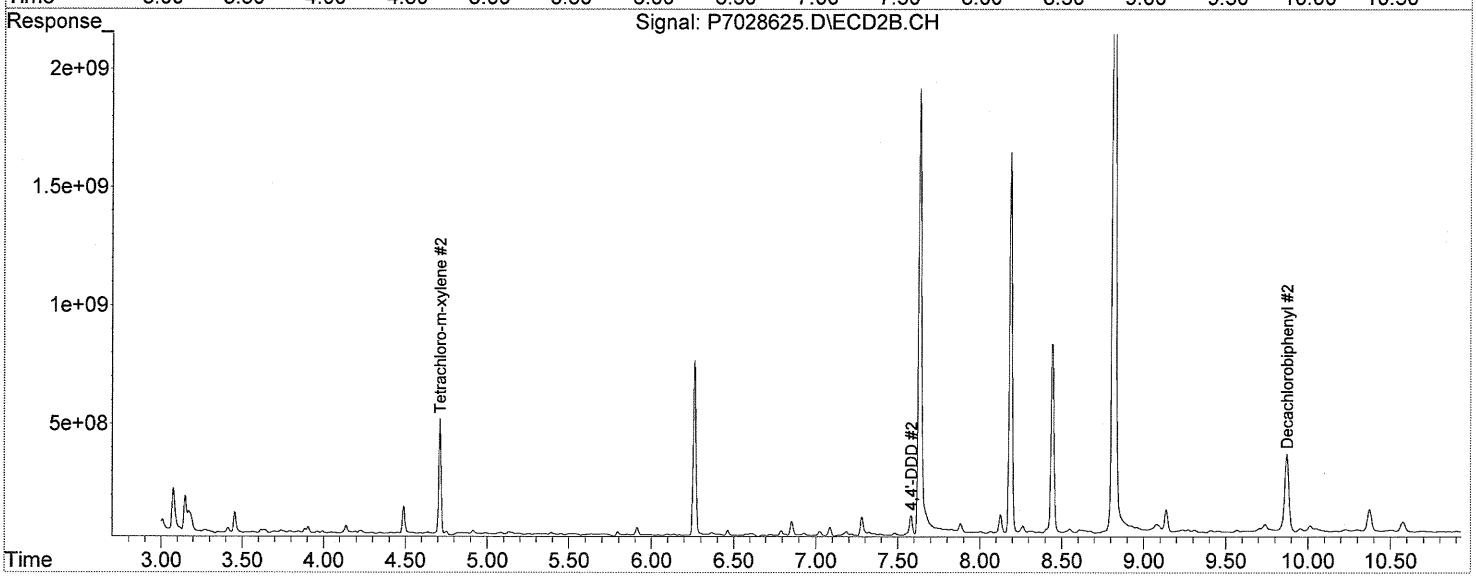
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





File :I:\HPCHEM1\Ecd_7\Data\P7102708\P7028625.D
Operator : JJ
Acquired : 28 Oct 2008 1:21 using AcqMethod CLPNEWMOON.M
Instrument : ECD7
Sample Name: Z4920-06
Misc Info :
Vial Number: 47



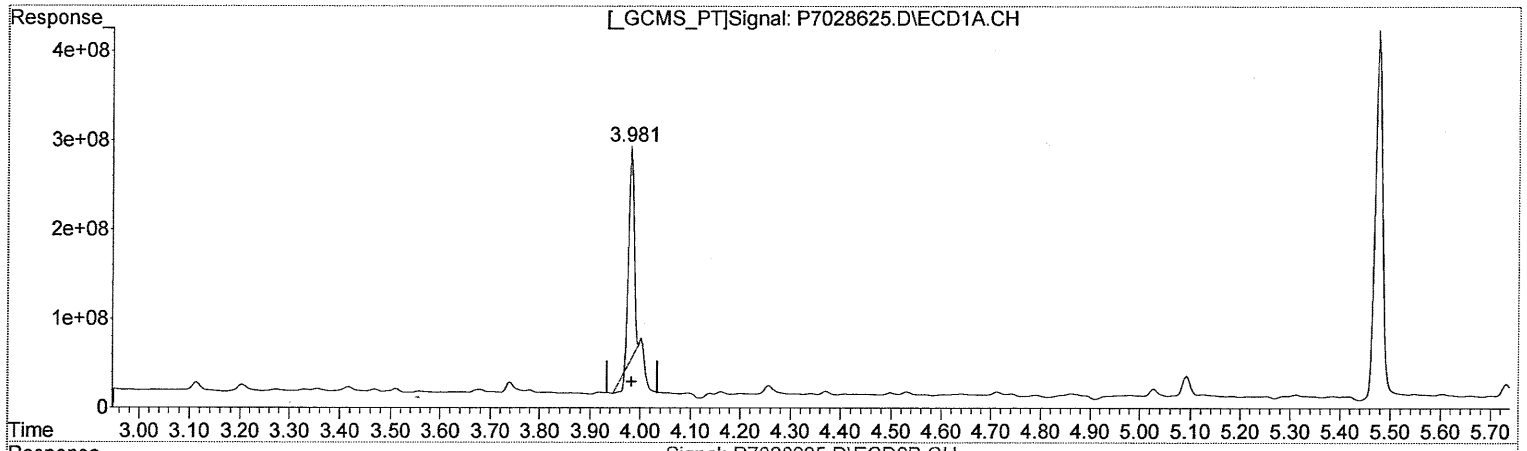


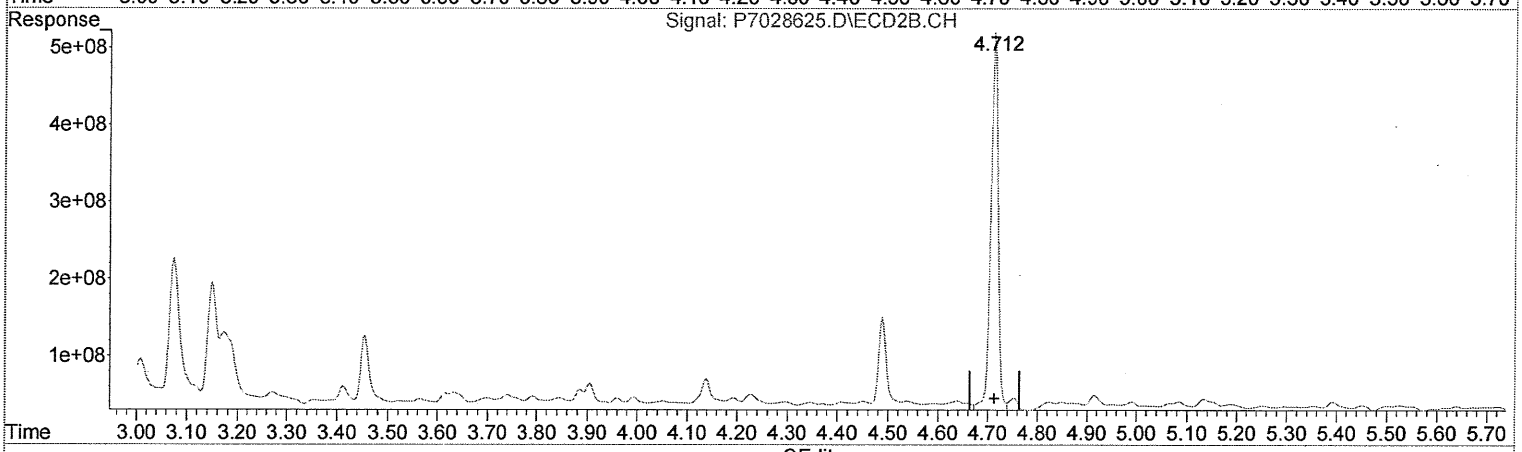
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:21
Operator : JJ
Sample : Z4920-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:49:57 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(1) Tetrachloro-m-xylene (SA)

3.983min 40.822 ng/ml

response 1657713330

(1) Tetrachloro-m-xylene #2 (SA)

4.714min 57.623 ng/ml

response 5053294082

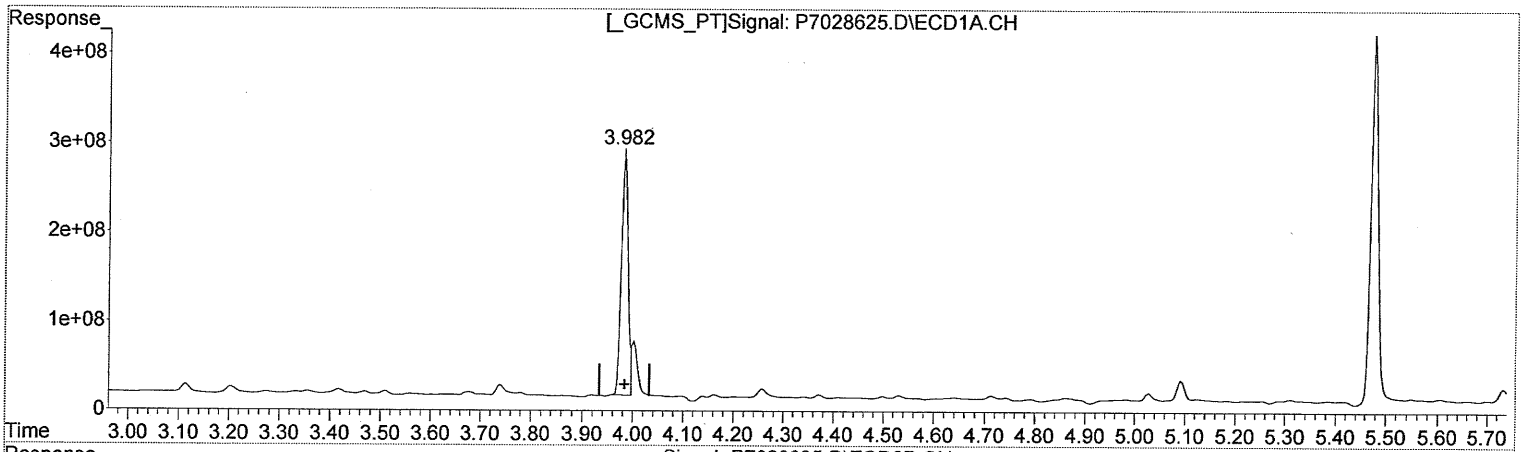
(+) = Expected Retention Time

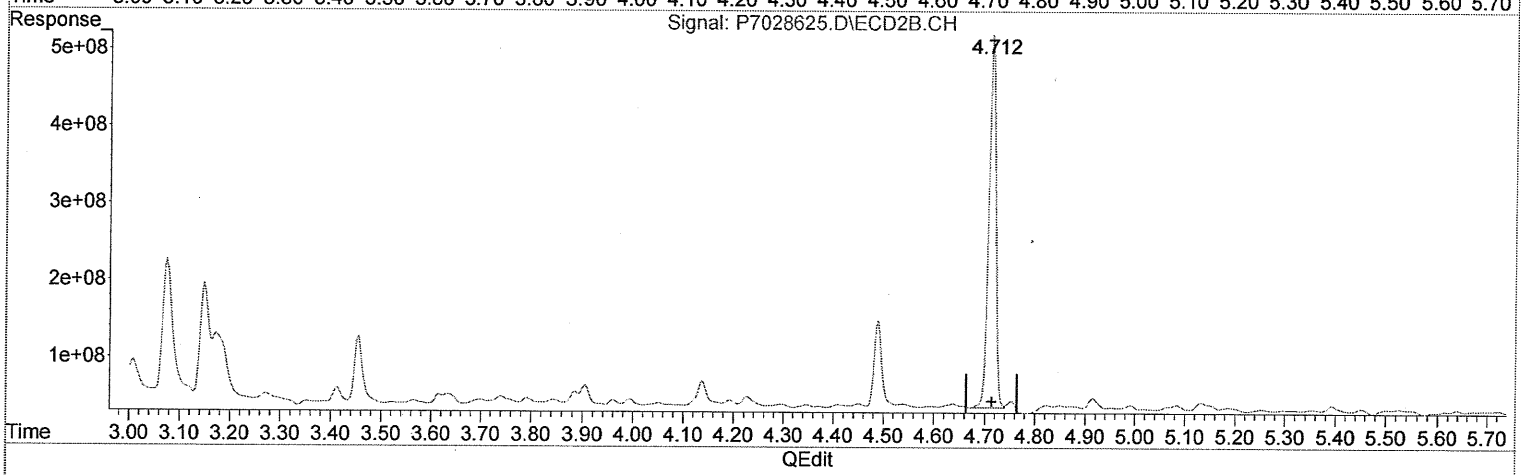
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:21
Operator : JJ
Sample : Z4920-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:49:57 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(1) Tetrachloro-m-xylene (SA)

3.982min 61.033 ng/ml m

response 2478423542

(1) Tetrachloro-m-xylene #2 (SA)

4.712min 54.426 ng/ml m

response 4772921826

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028625.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:21
Operator : JJ
Sample : Z4920-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:25:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.982	4.712	2478.4E6	4772.9E6	61.033m	54.426m
2) SA Decachlor...	8.657	9.873	3003.7E6	5796.5E6	84.156	87.566
Target Compounds						
6) A 4,4'-DDD	6.616	7.582	478.3E6	974.0E6	12.471	12.400

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-07

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028626.D

% Moisture: 20.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.11 Sulfur Cleanup: (Y/N) N

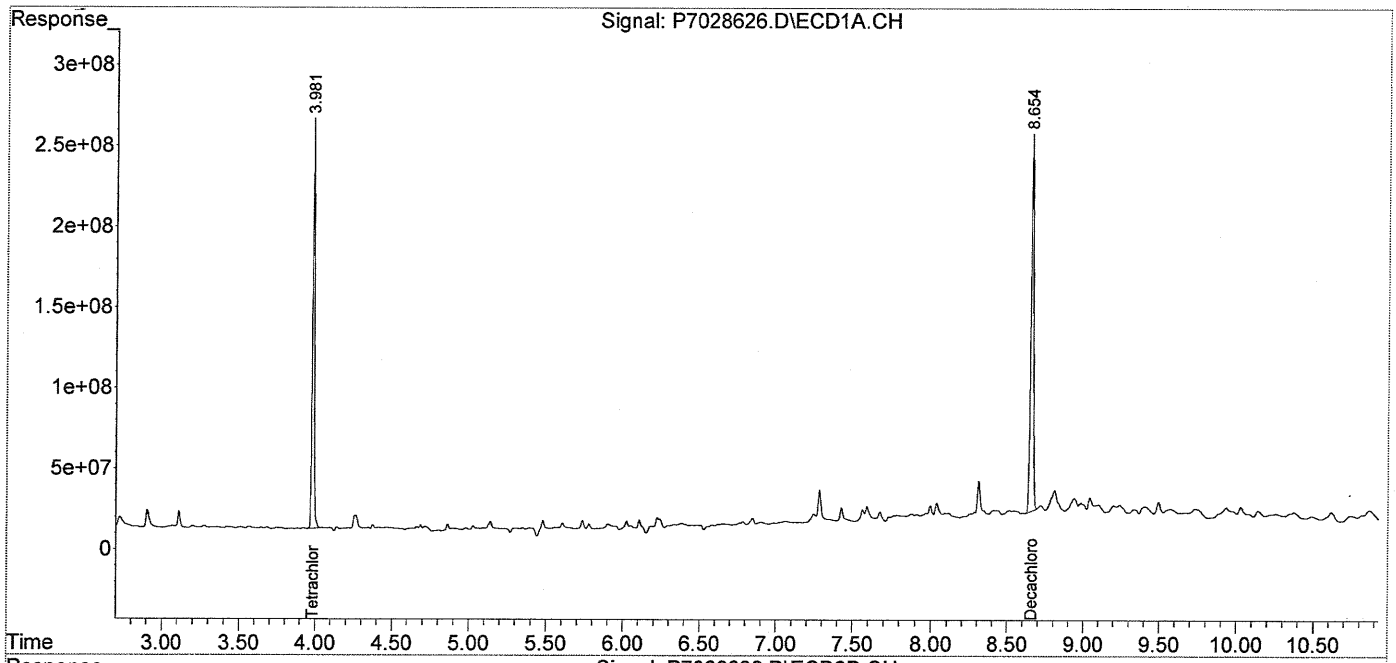
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

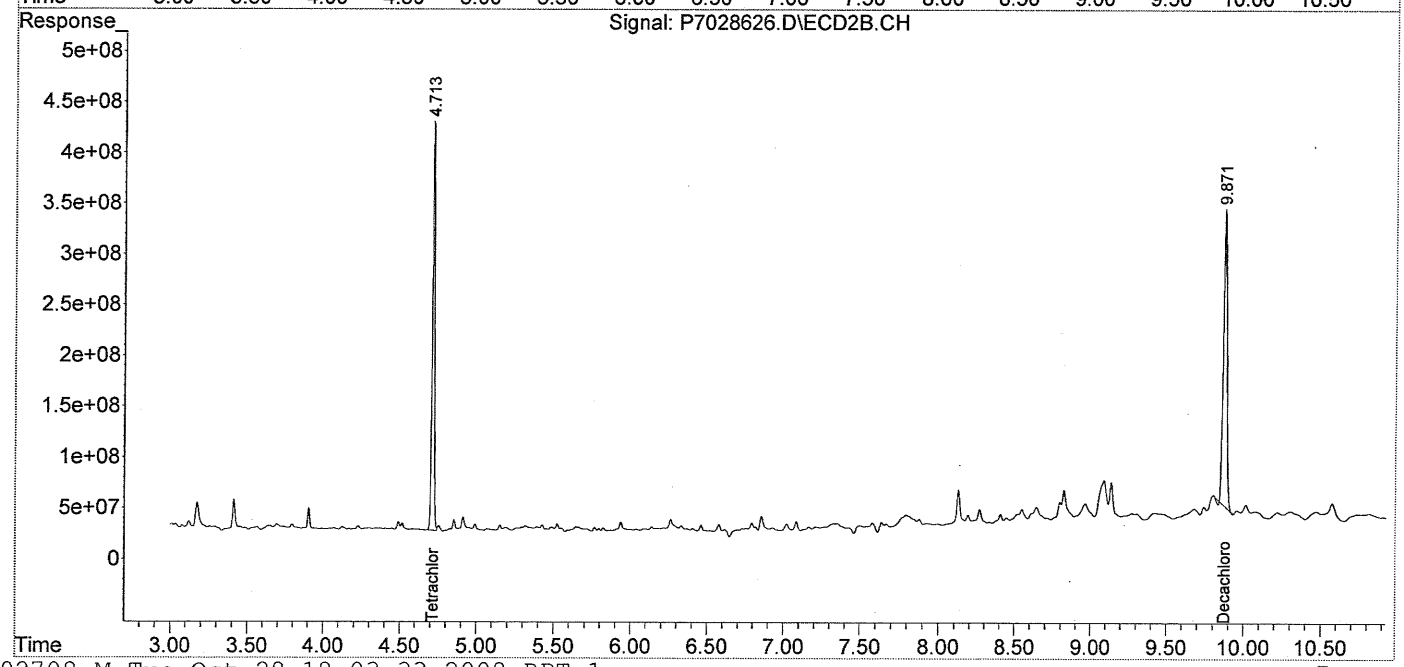
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028626.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:35
Operator : JJ
Sample : Z4920-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:26:02 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028626.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:35
Operator : JJ
Sample : Z4920-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:26:02 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	2330.2E6	4004.9E6	57.382	45.668
22) SA Decachlor...	8.656	9.872	2789.2E6	4799.0E6	78.146	72.497
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-08

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028627.D

% Moisture: 22.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.17 Sulfur Cleanup: (Y/N) N

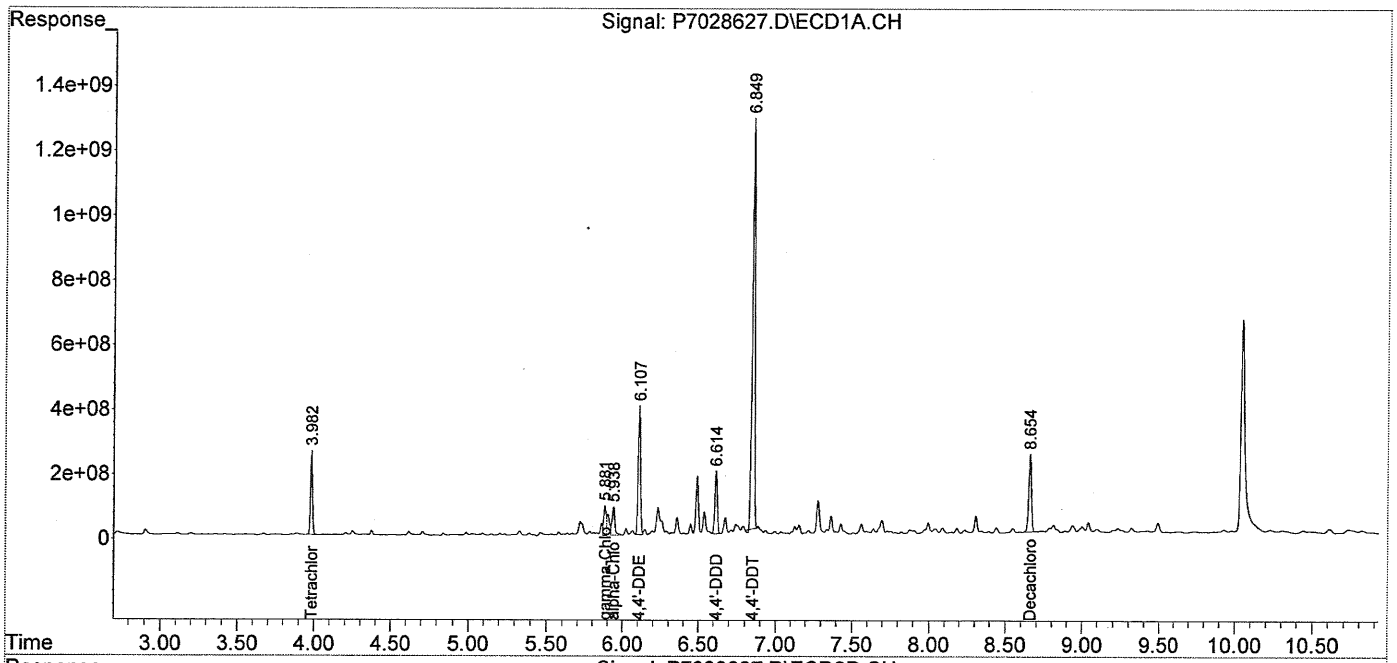
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	38	
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	23	
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	170	E
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	10	
5103-74-2	gamma-Chlordane	9.7	P
8001-35-2	Toxaphene	220	U

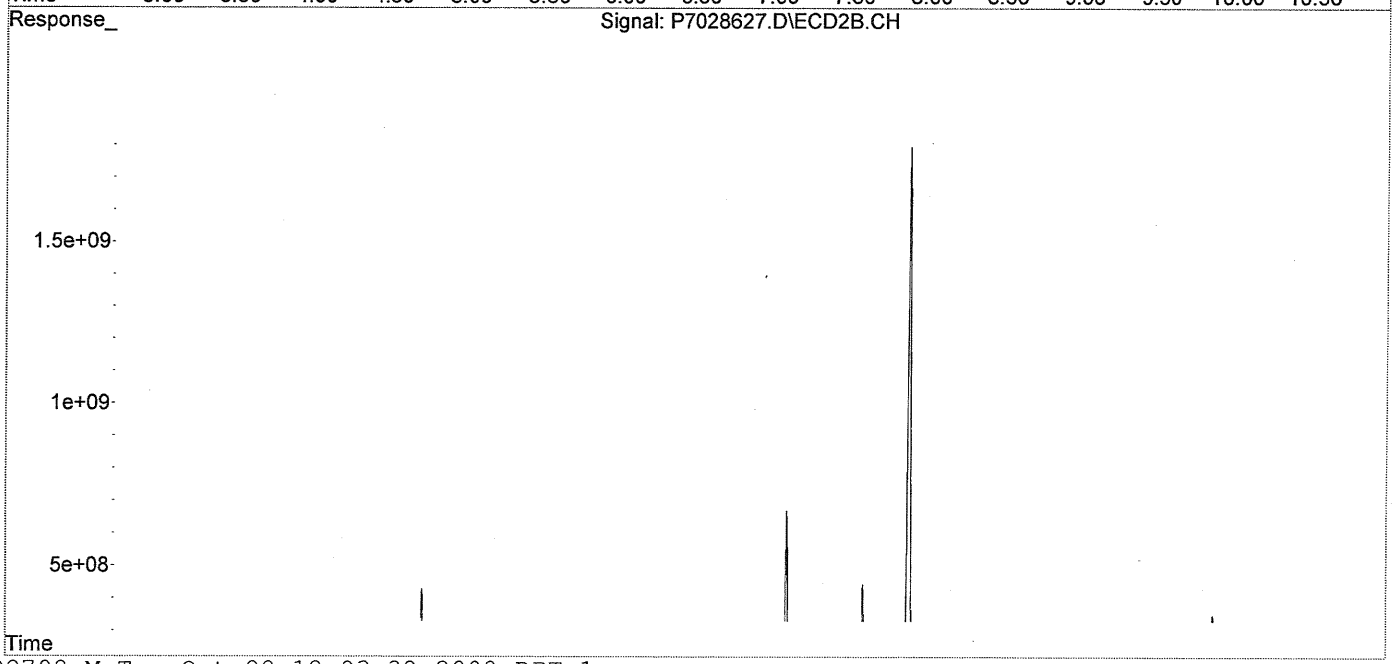
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:50
Operator : JJ
Sample : Z4920-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:37:42 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



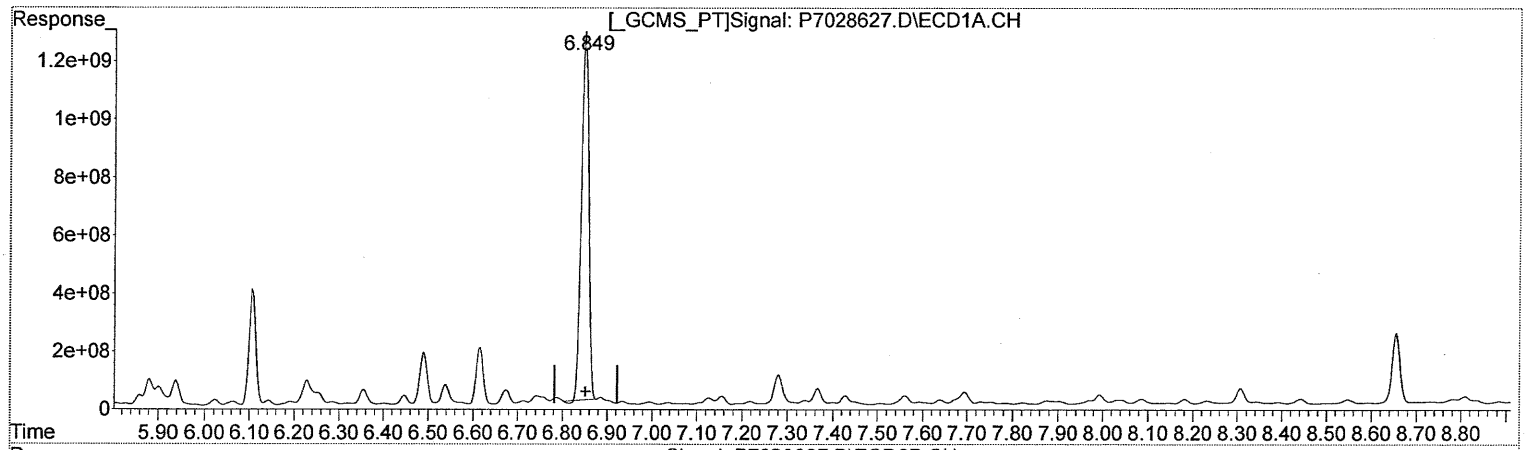


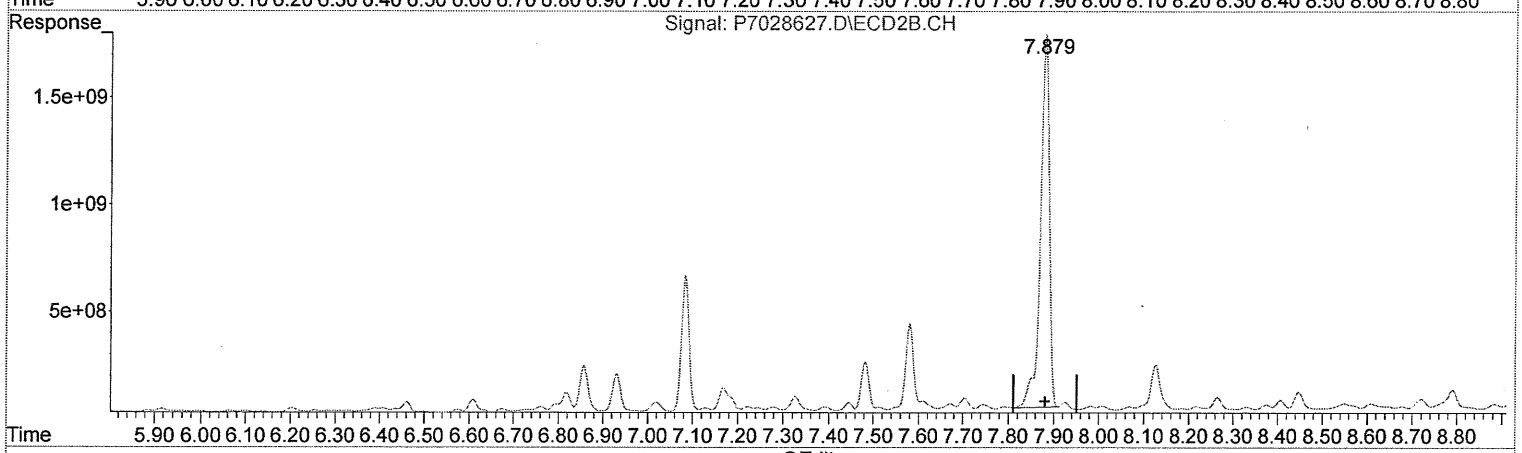
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:50
Operator : JJ
Sample : Z4920-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:27:32 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(17) 4,4'-DDT (MA)

6.848min 417.372 ng/ml

response 10858188250

(17) 4,4'-DDT #2 (MA)

7.885min 364.096 ng/ml

response 19894458302

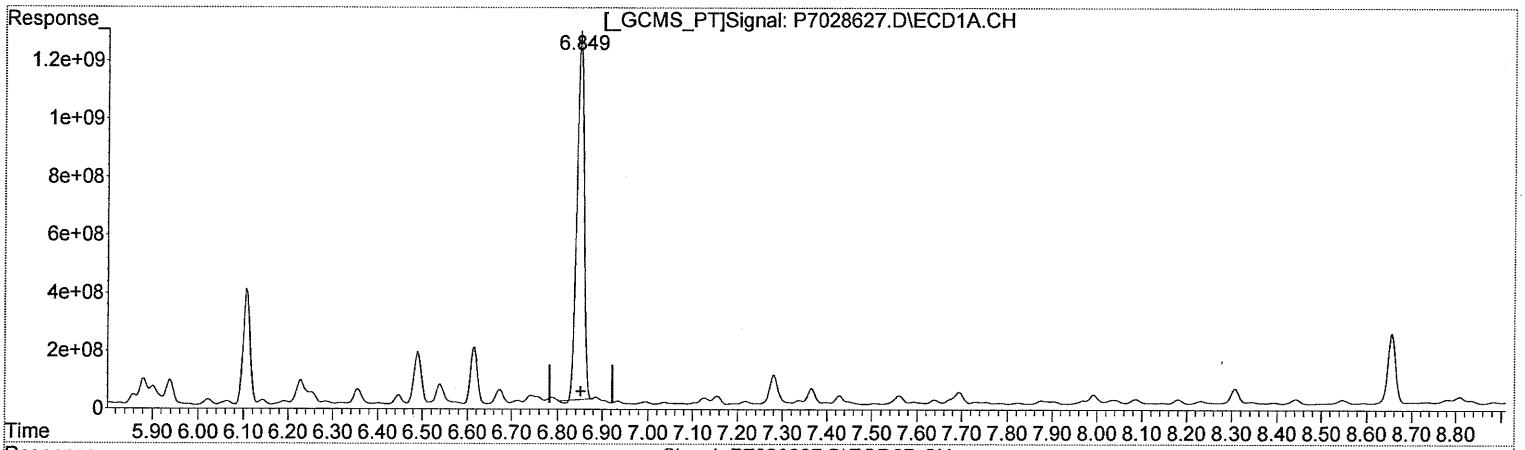
(+) = Expected Retention Time

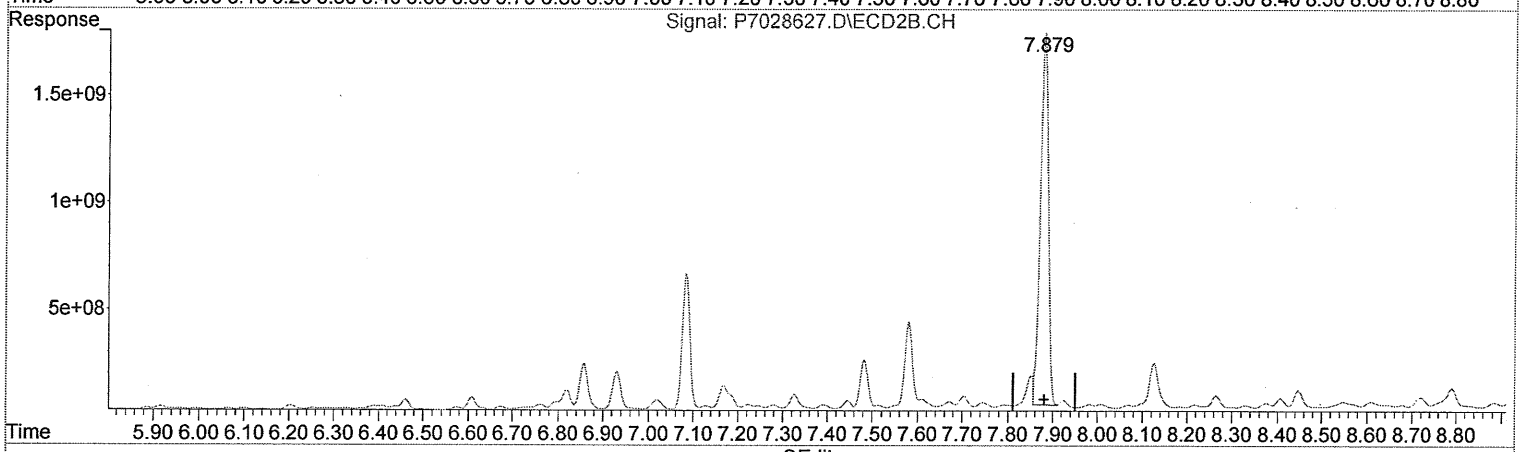
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:50
Operator : JJ
Sample : Z4920-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:27:32 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(17) 4,4'-DDT (MA)

6.848min 417.372 ng/ml

response 10858188250

(17) 4,4'-DDT #2 (MA)

7.879min 403.895 ng/ml m

response 22069156925

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 1:50
Operator : JJ
Sample : Z4920-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:37:42 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	2367.3E6	4128.4E6	58.295	47.076
22)	SA	Decachlor...	8.656	9.873	2919.9E6	5578.4E6	81.808	84.271
Target Compounds								
10)	B	gamma-Chl...	5.882	6.858	1100.9E6	2925.5E6	22.714	31.312 #
11)	B	alpha-Chl...	5.939	6.931	1128.0E6	2391.6E6	24.058	26.794
12)	B	4,4'-DDE	6.108	7.085	4199.3E6	7645.1E6	90.528	89.677
16)	A	4,4'-DDD	6.616	7.581	2144.6E6	4207.8E6	55.920	53.571
17)	MA	4,4'-DDT	6.848	7.879	10858.2E6	22069.2E6	417.372	403.895m

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3DL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-08DL

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028672.D

% Moisture: 22.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.17 Sulfur Cleanup: (Y/N) N

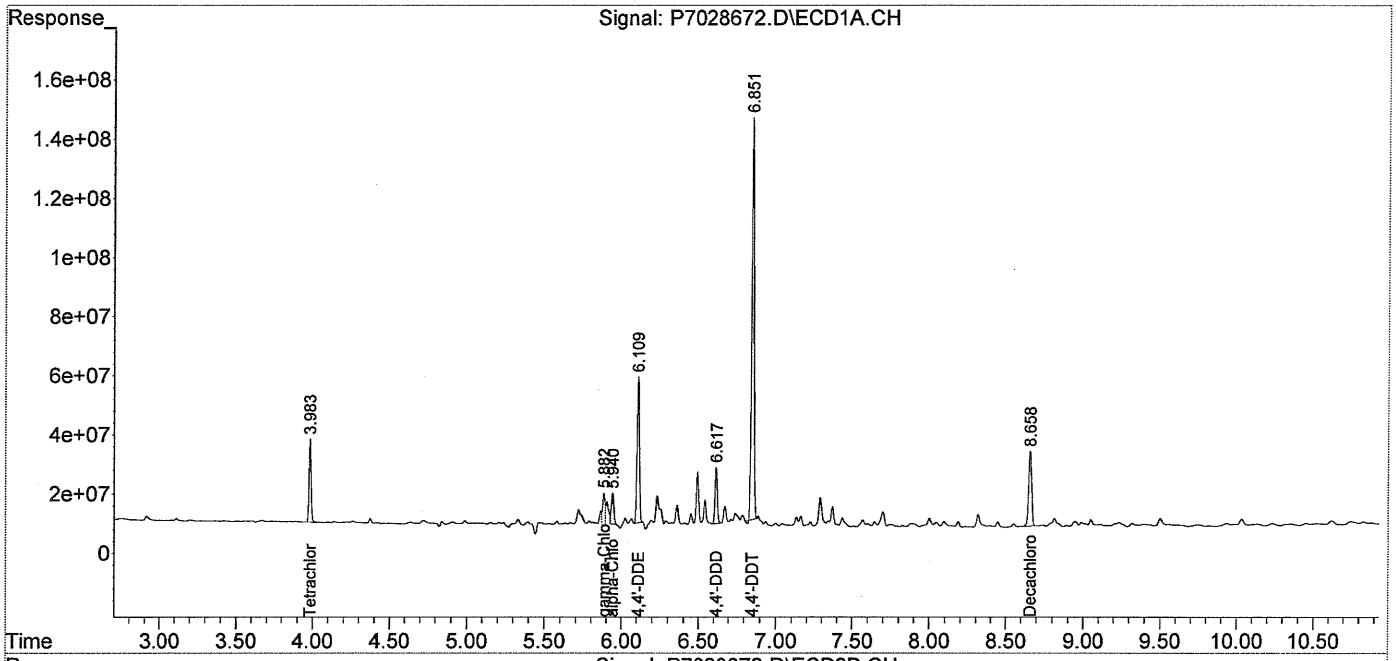
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Heptachlor epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	43	D
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	23	JD
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	170	DP
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	42	U
7421-93-4	Endrin aldehyde	42	U
5103-71-9	alpha-Chlordane	11	JD
5103-74-2	gamma-Chlordane	11	JD
8001-35-2	Toxaphene	2200	U

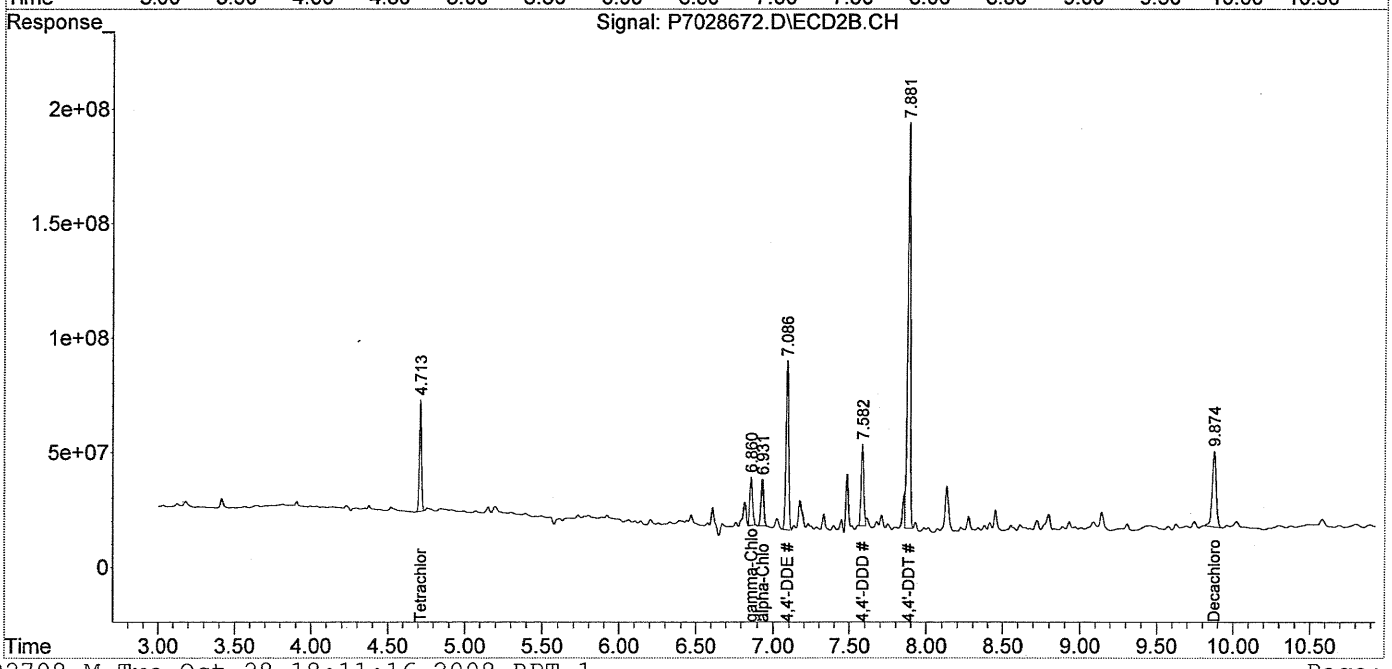
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
Operator : JJ
Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:13:24 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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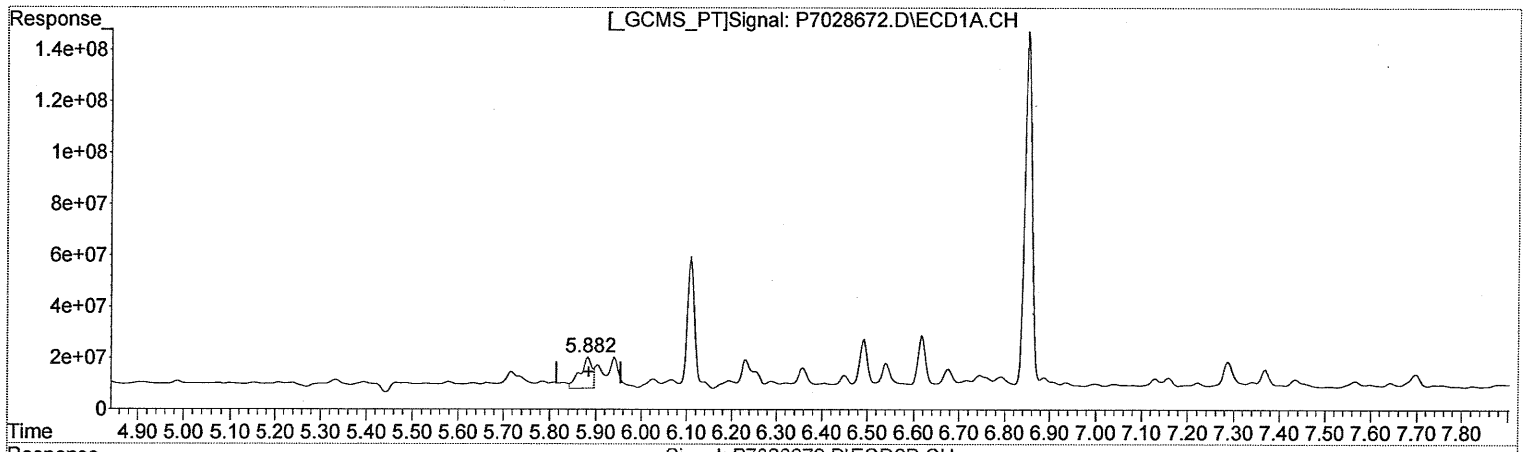

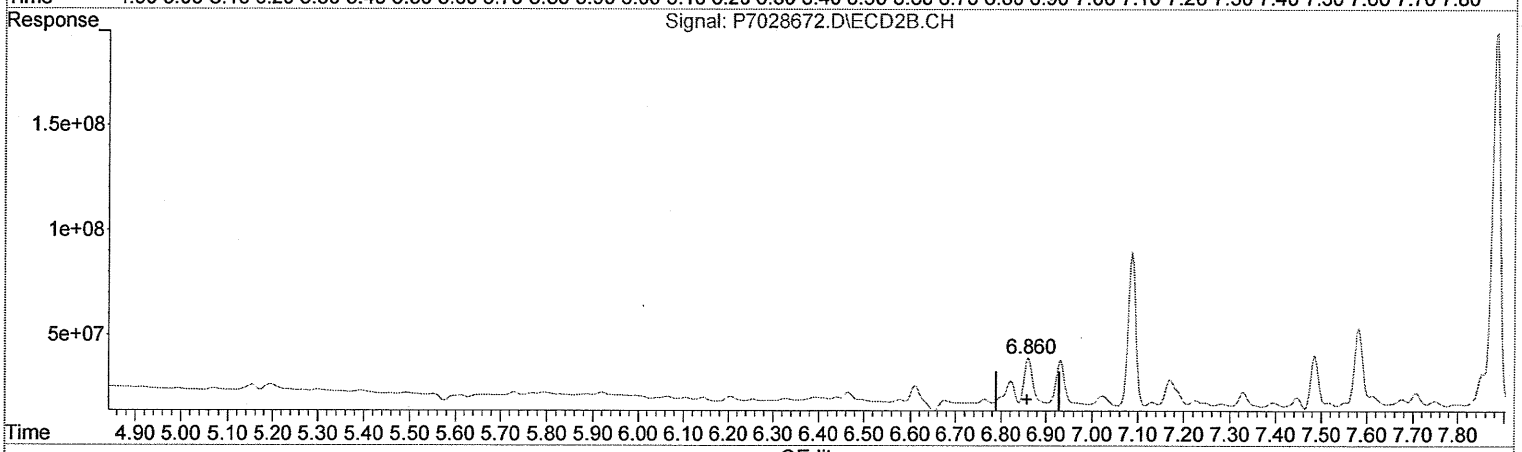

(10) gamma-Chlordane (B)

5.884min 4.426 ng/ml

response 214510546

(10) gamma-Chlordane #2 (B)

6.861min 4.779 ng/ml

response 446549098

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
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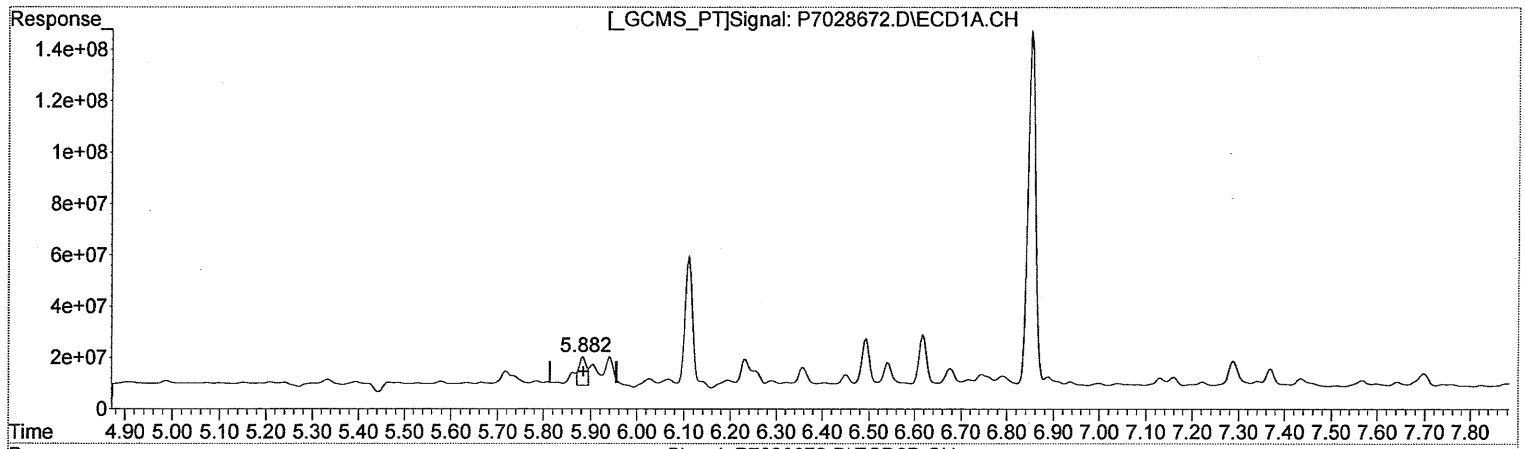
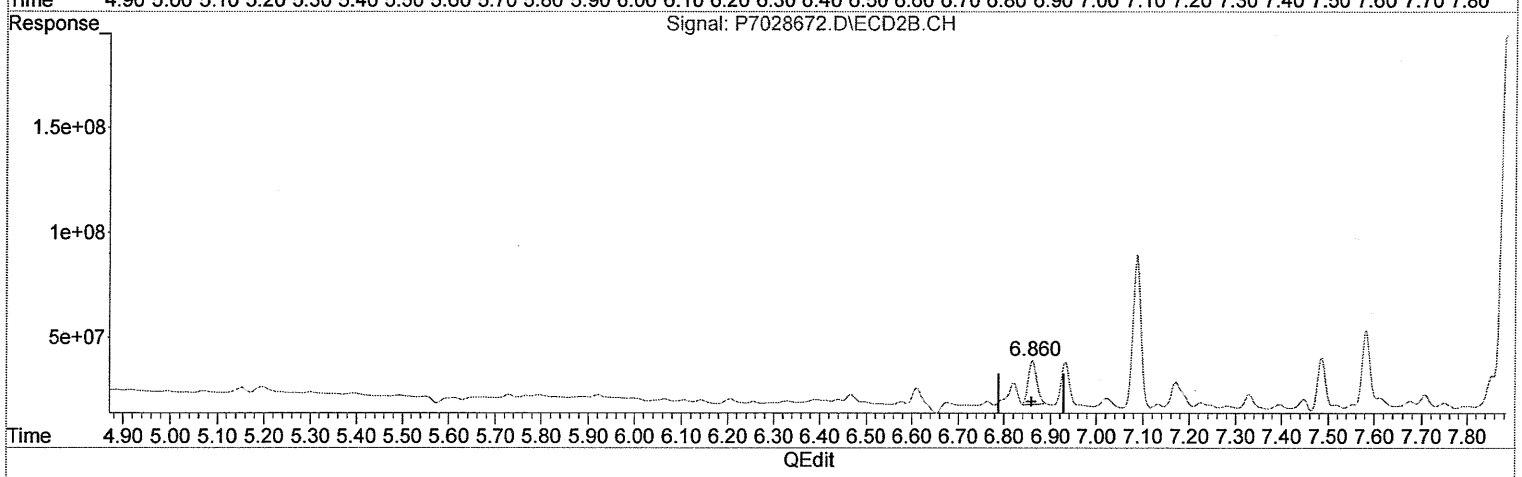
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(10) gamma-Chlordane (B)

5.882min 2.513 ng/ml m

response 121787285

(10) gamma-Chlordane #2 (B)

6.860min 2.816 ng/ml m

response 263055971

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
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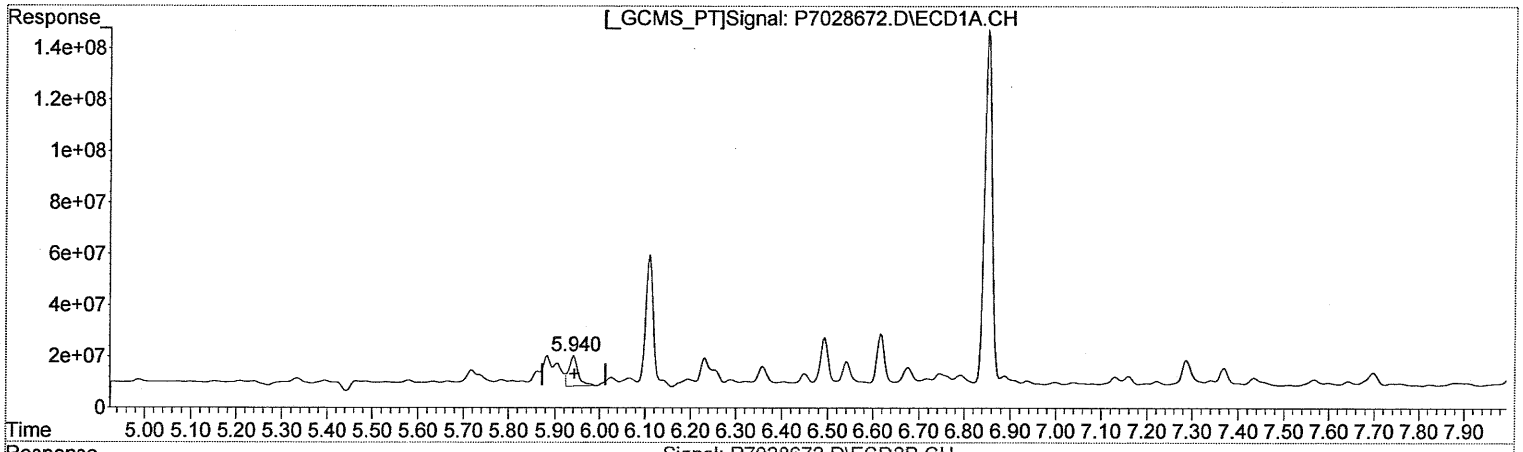

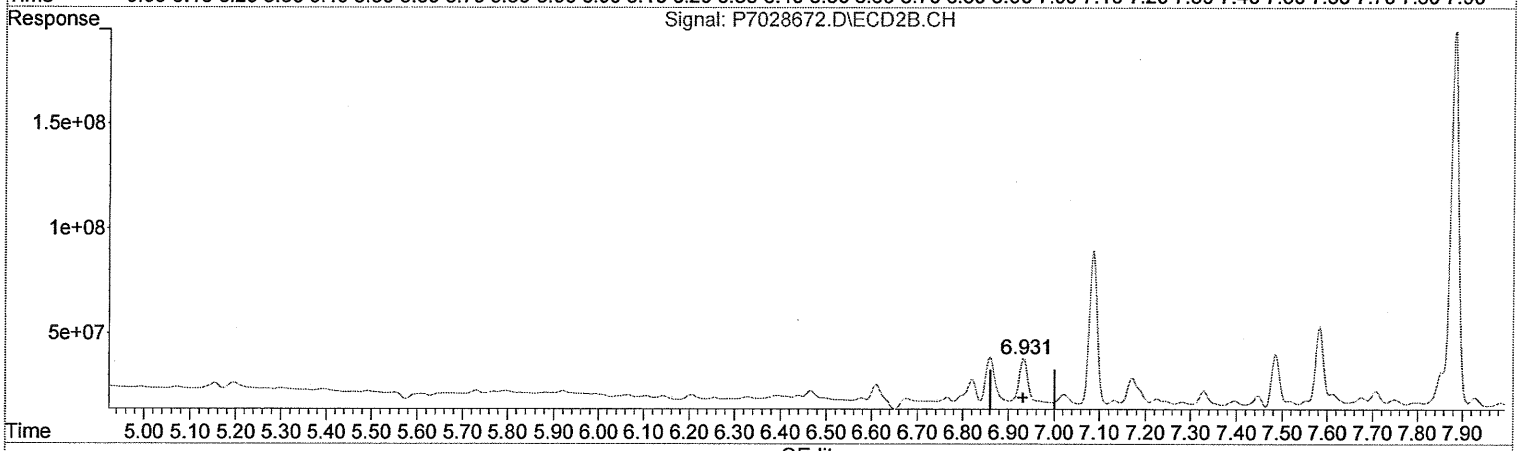

(11) alpha-Chlordane (B)

5.941min 3.695 ng/ml

response 173250531

(11) alpha-Chlordane #2 (B)

6.933min 5.561 ng/ml

response 496355862

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
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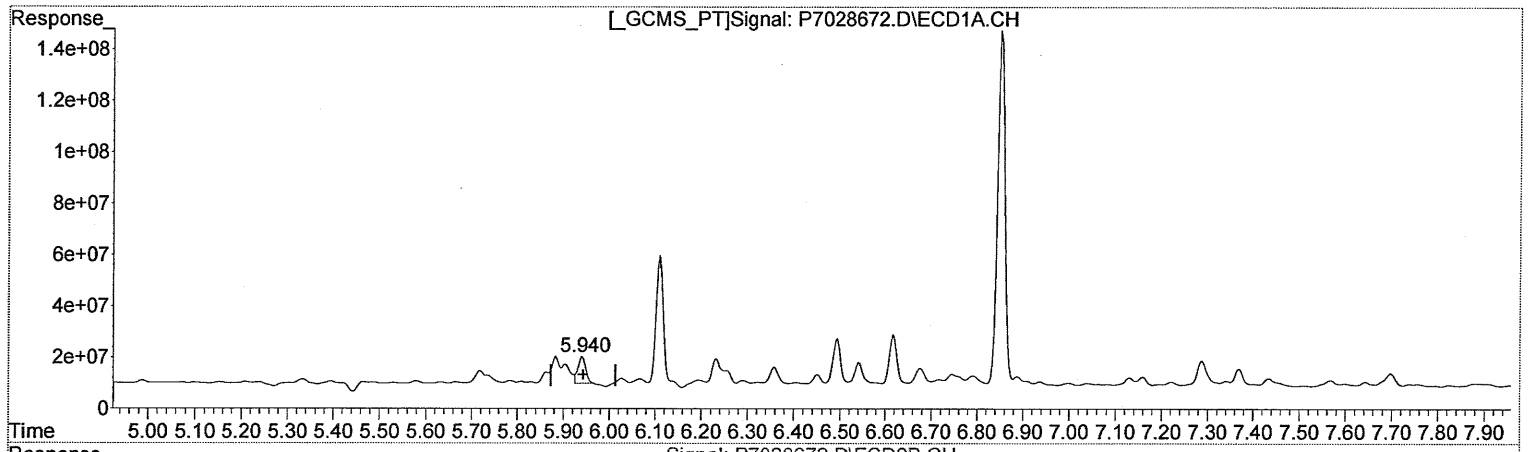
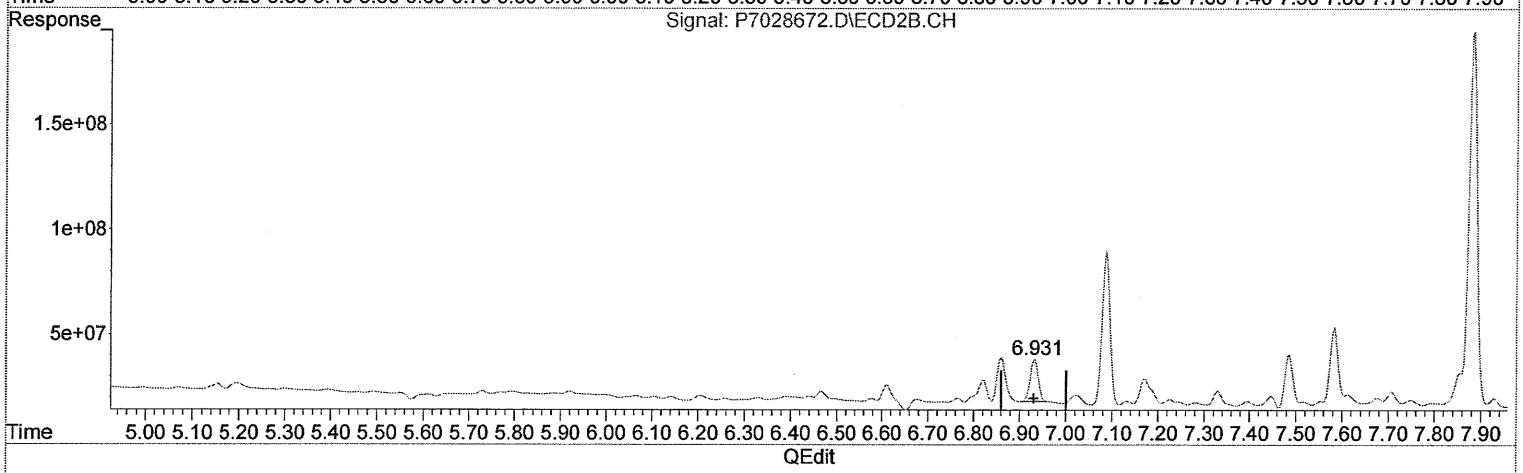
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(11) alpha-Chlordane (B)

5.940min 2.625 ng/ml m

response 123102098

(11) alpha-Chlordane #2 (B)

6.931min 2.713 ng/ml m

response 242171919

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:37:16 2008
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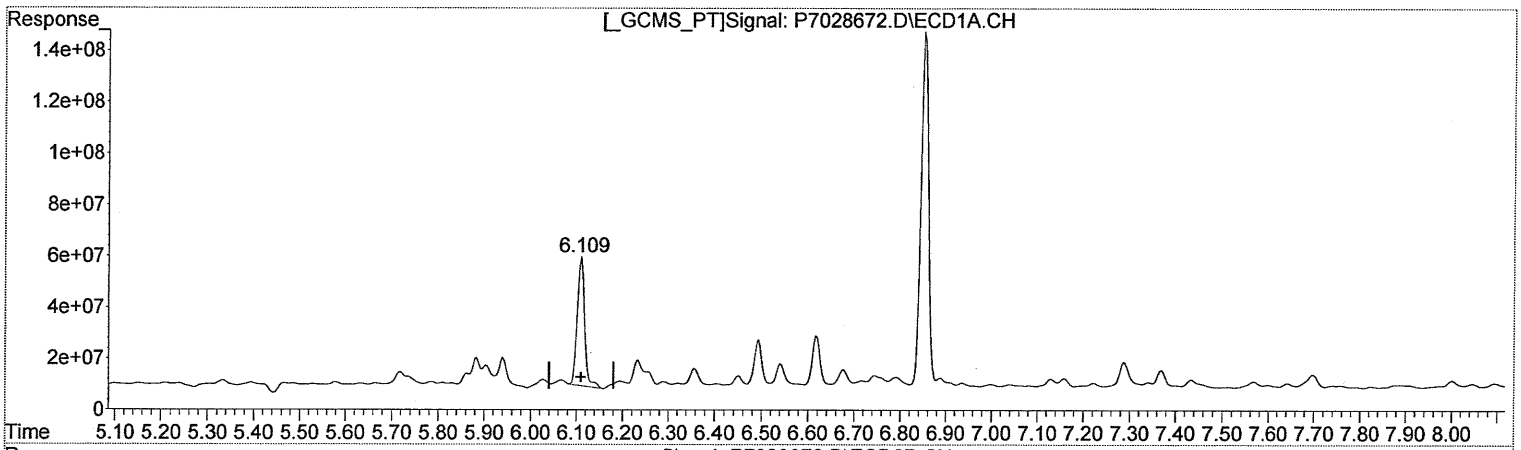
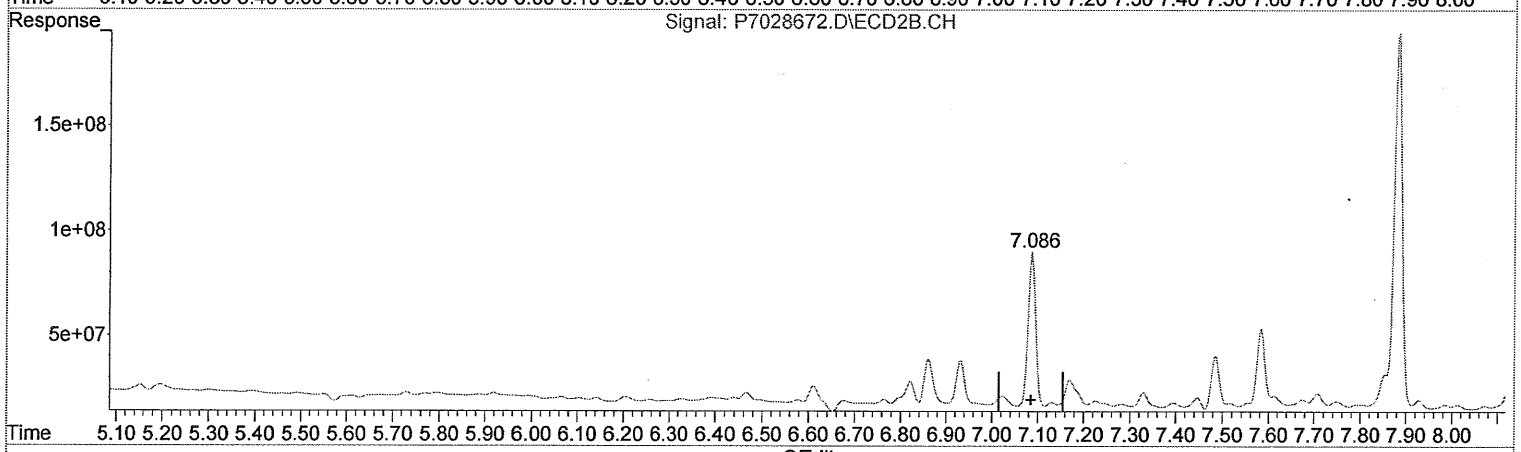
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(12) 4,4'-DDE (B)

6.110min 12.097 ng/ml

response 561157677

(12) 4,4'-DDE #2 (B)

7.088min 11.611 ng/ml

response 989809631

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
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Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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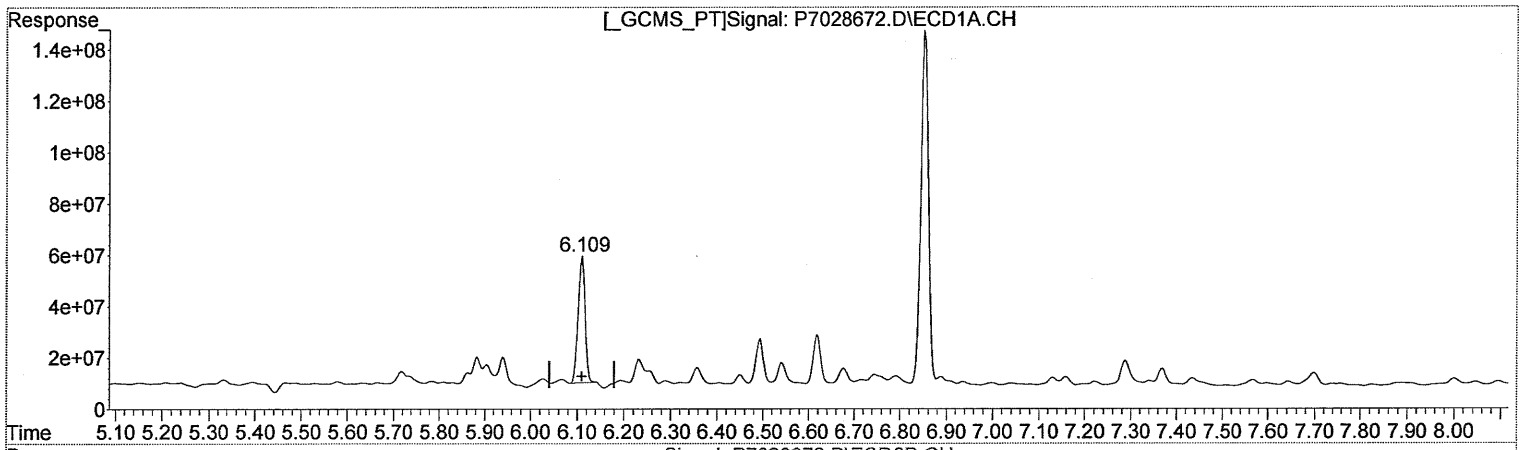
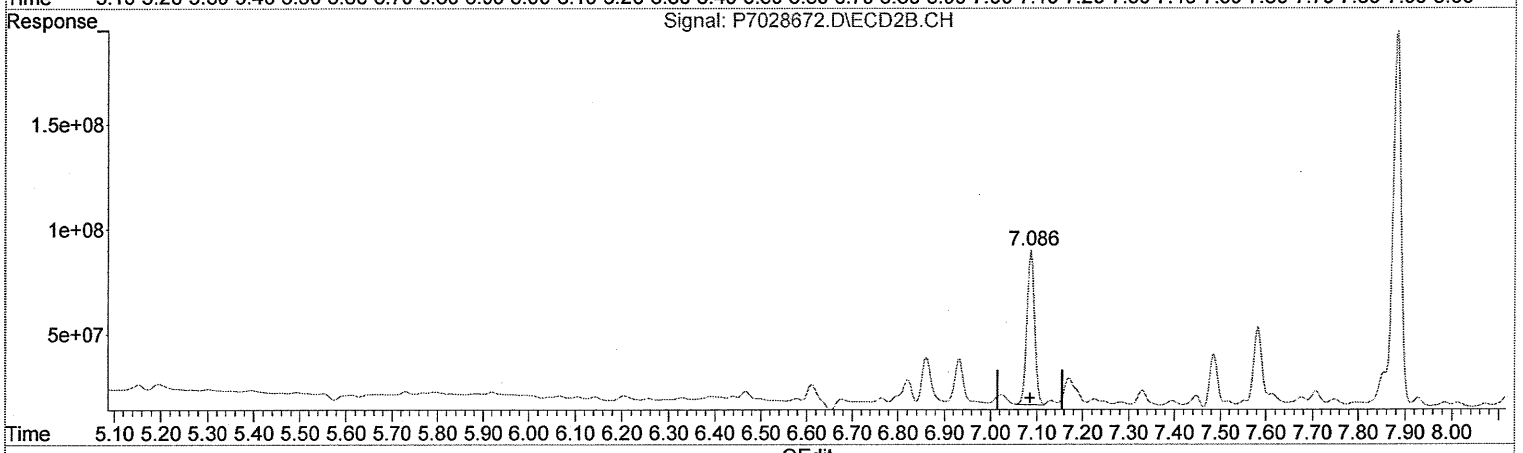
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.109min 11.174 ng/ml m

response 518316211

(12) 4,4'-DDE #2 (B)

7.086min 10.144 ng/ml m

response 864781603

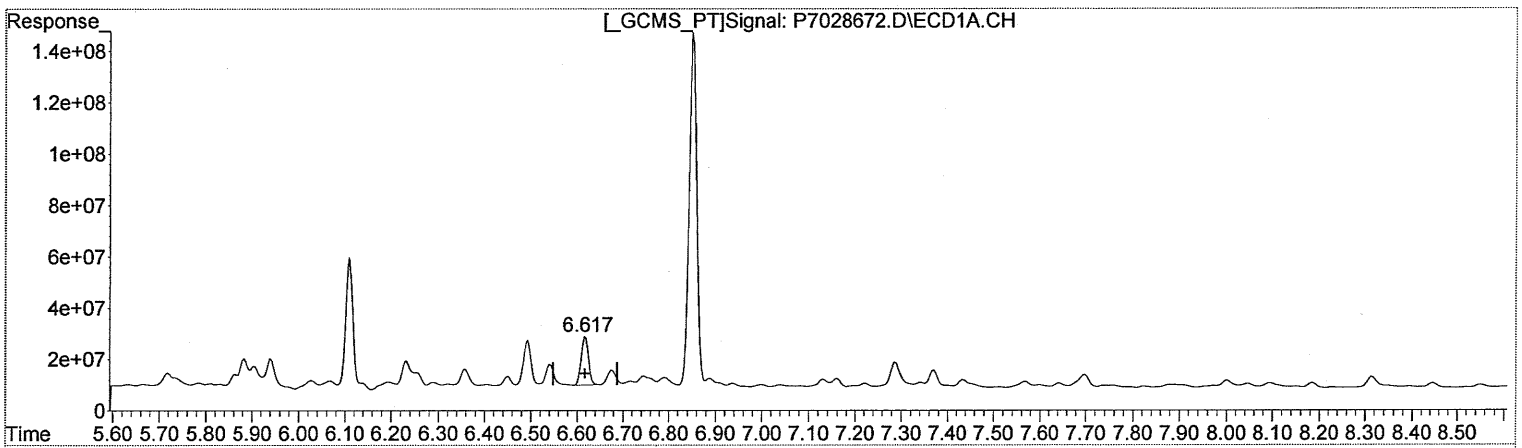
(+) = Expected Retention Time

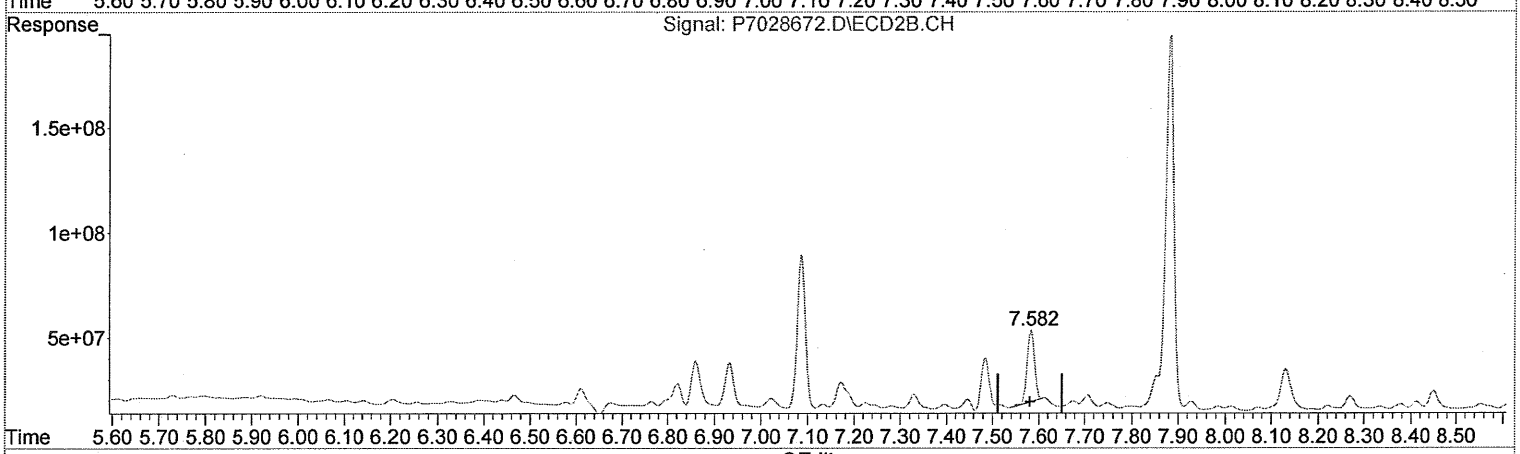
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
Operator : JJ
Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:37:16 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

6.619min 5.446 ng/ml

response 208868982

(16) 4,4'-DDD #2 (A)

7.584min 4.921 ng/ml

response 386527528

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
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Sample : Z4920-08 10X
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Integration File signal 1: autoint1.e
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Quant Time: Oct 28 16:37:16 2008
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Quant Title : GC Extractables
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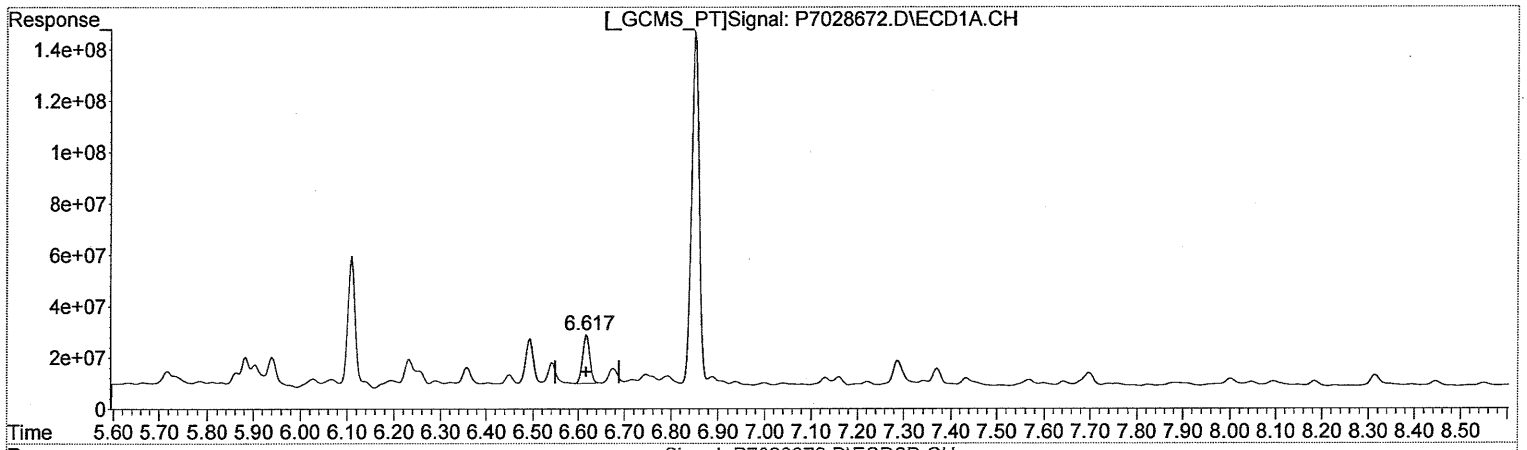
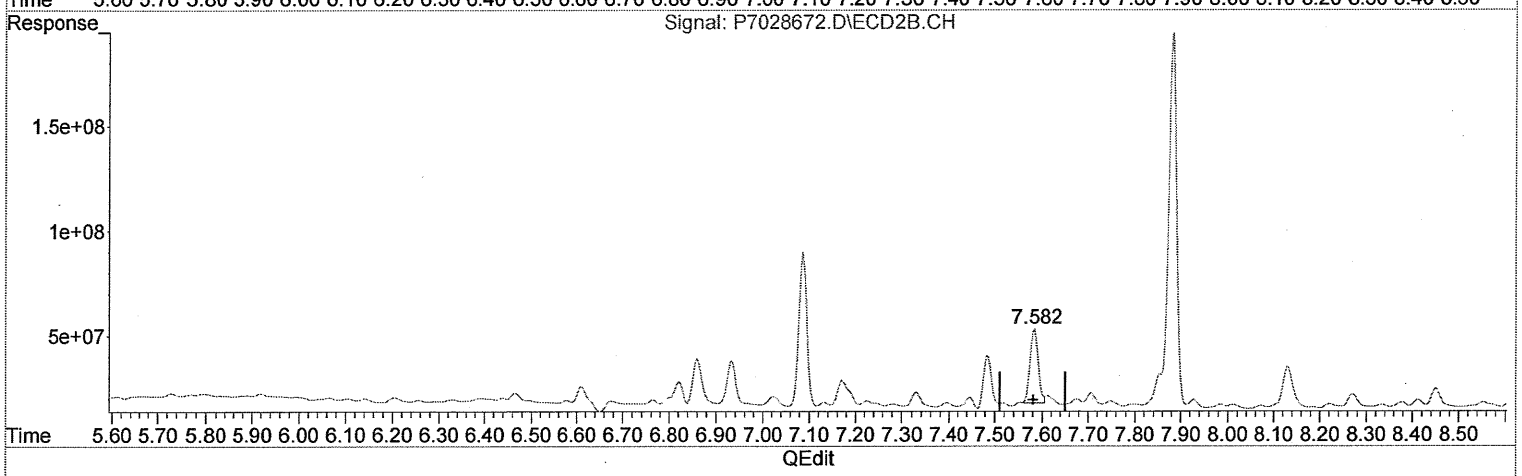
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(16) 4,4'-DDD (A)

6.619min 5.446 ng/ml

response 208868982

(16) 4,4'-DDD #2 (A)

7.582min 5.377 ng/ml m

response 422353692

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
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Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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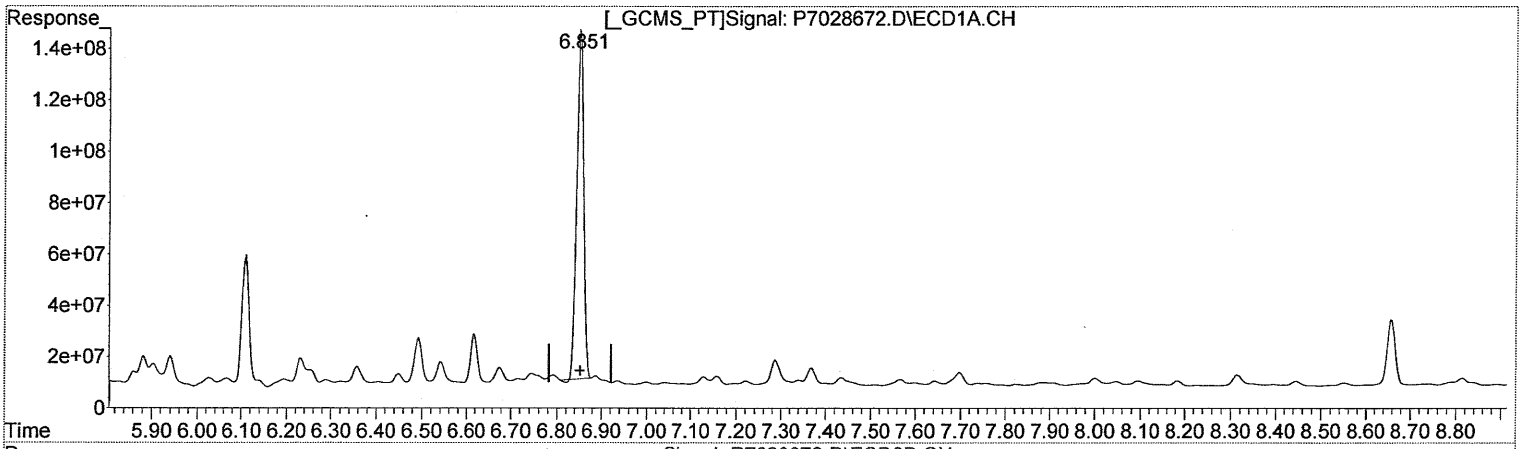
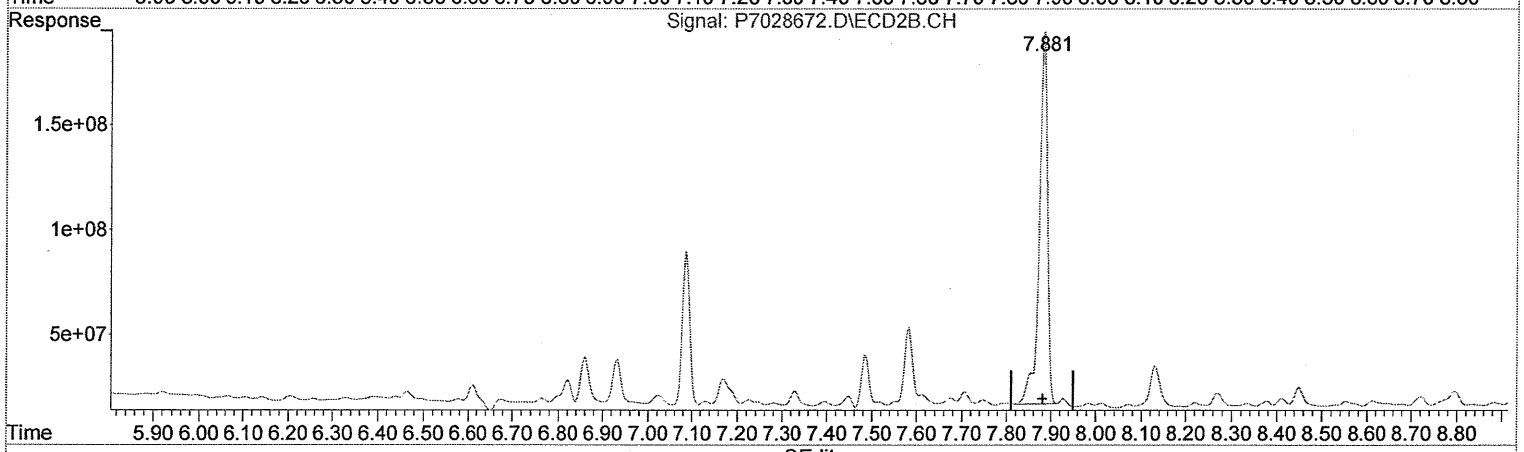
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(17) 4,4'-DDT (MA)

6.852min 57.902 ng/ml

response 1506359452

(17) 4,4'-DDT #2 (MA)

7.883min 42.418 ng/ml

response 2317743005

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
Operator : JJ
Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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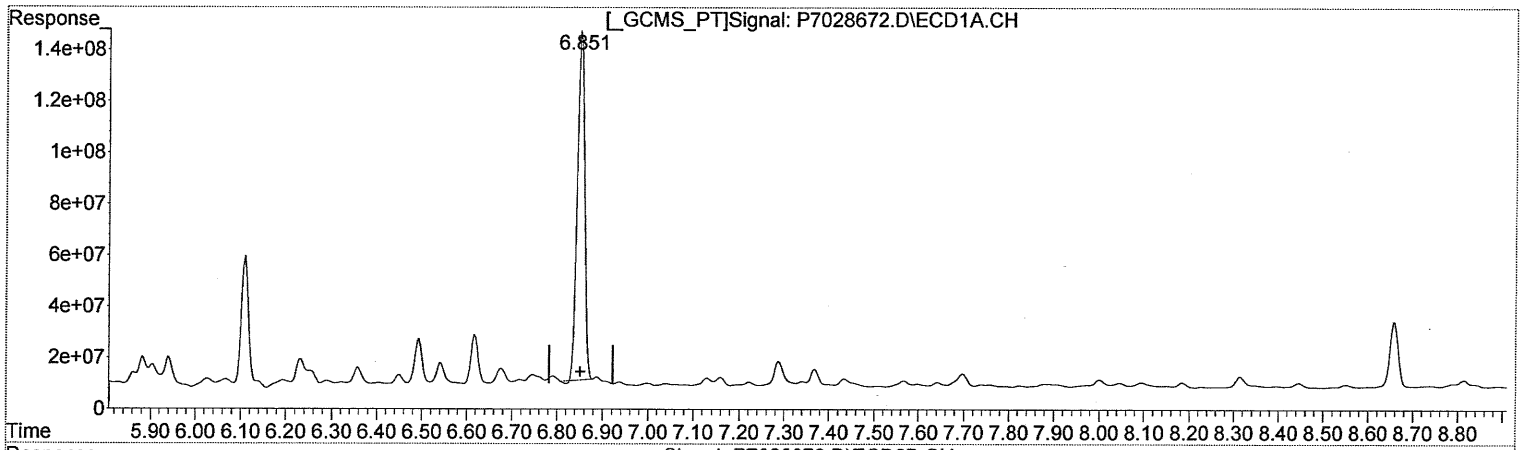
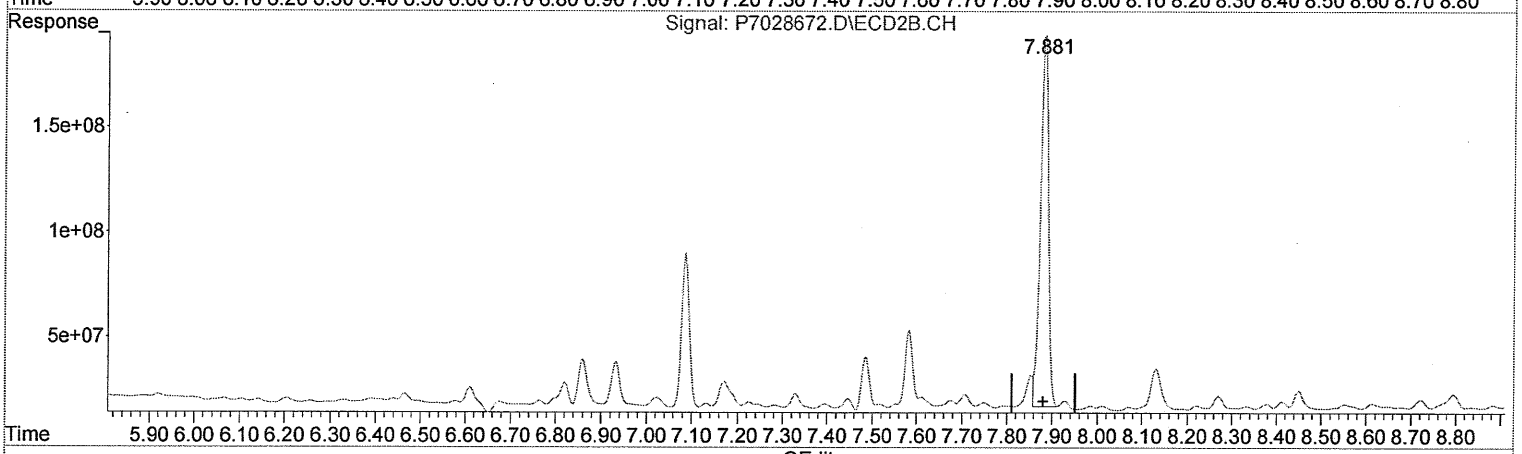
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(17) 4,4'-DDT (MA)

6.852min 57.902 ng/ml

response 1506359452

(17) 4,4'-DDT #2 (MA)

7.881min 39.656 ng/ml m

response 2166839595

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028672.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:04
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Sample : Z4920-08 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:13:24 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.984	4.715	259.6E6	480.3E6	6.392	5.477
22)	SA	Decachlor...	8.659	9.875	324.7E6	623.1E6	9.098	9.413
Target Compounds								
10)	B	gamma-Chl...	5.882	6.860	121.8E6	263.1E6	2.513m	2.816m
11)	B	alpha-Chl...	5.940	6.931	123.1E6	242.2E6	2.625m	2.713m
12)	B	4,4'-DDE	6.109	7.086	518.3E6	864.8E6	11.174m	10.144m
16)	A	4,4'-DDD	6.619	7.582	208.9E6	422.4E6	5.446	5.377m
17)	MA	4,4'-DDT	6.852	7.881	1506.4E6	2166.8E6	57.902	39.656m#

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-11

Sample wt/vol: 30.1 (g/mL) g Lab File ID: P7028631.D

% Moisture: 12.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.36 Sulfur Cleanup: (Y/N) N

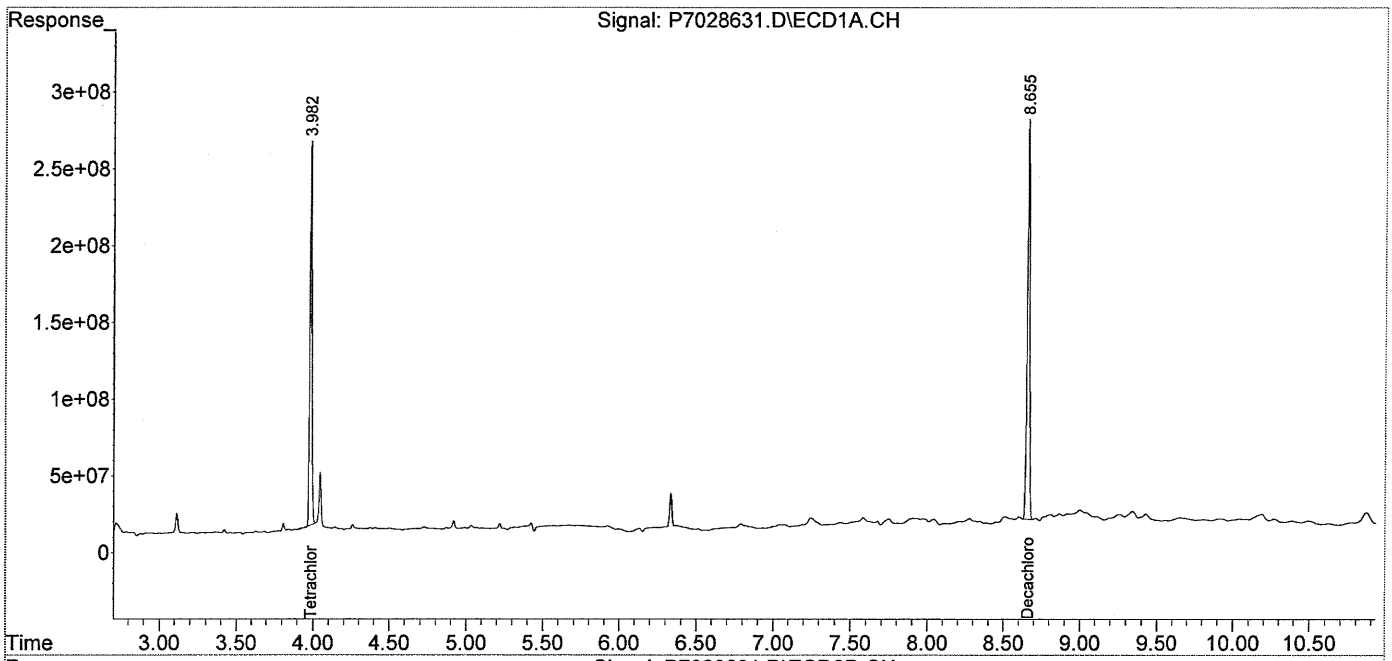
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U

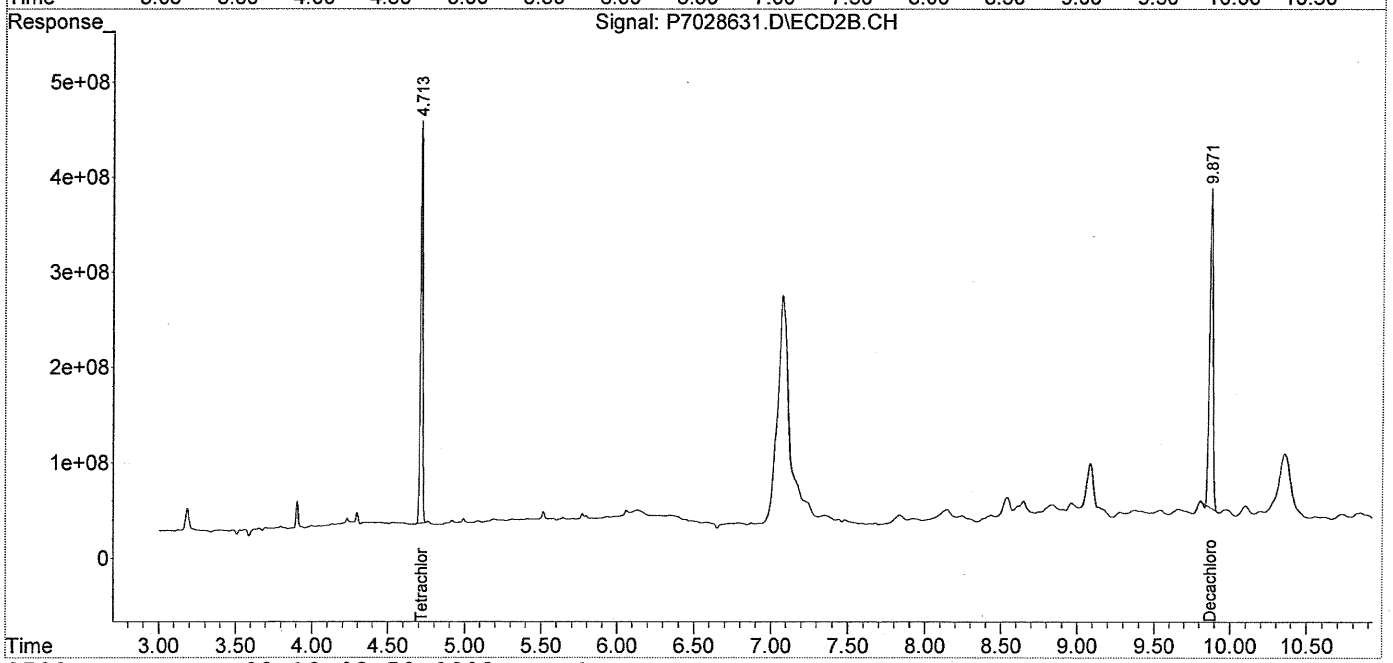
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028631.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:46
Operator : JJ
Sample : Z4920-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:50:04 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028631.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:46
Operator : JJ
Sample : Z4920-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:50:04 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	2303.3E6	4102.6E6	56.720	46.783
22) SA Decachlor...	8.657	9.872	3038.6E6	5269.4E6	85.133	79.603
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC3-1A

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-12

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028632.D

% Moisture: 35.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.30 Sulfur Cleanup: (Y/N) N

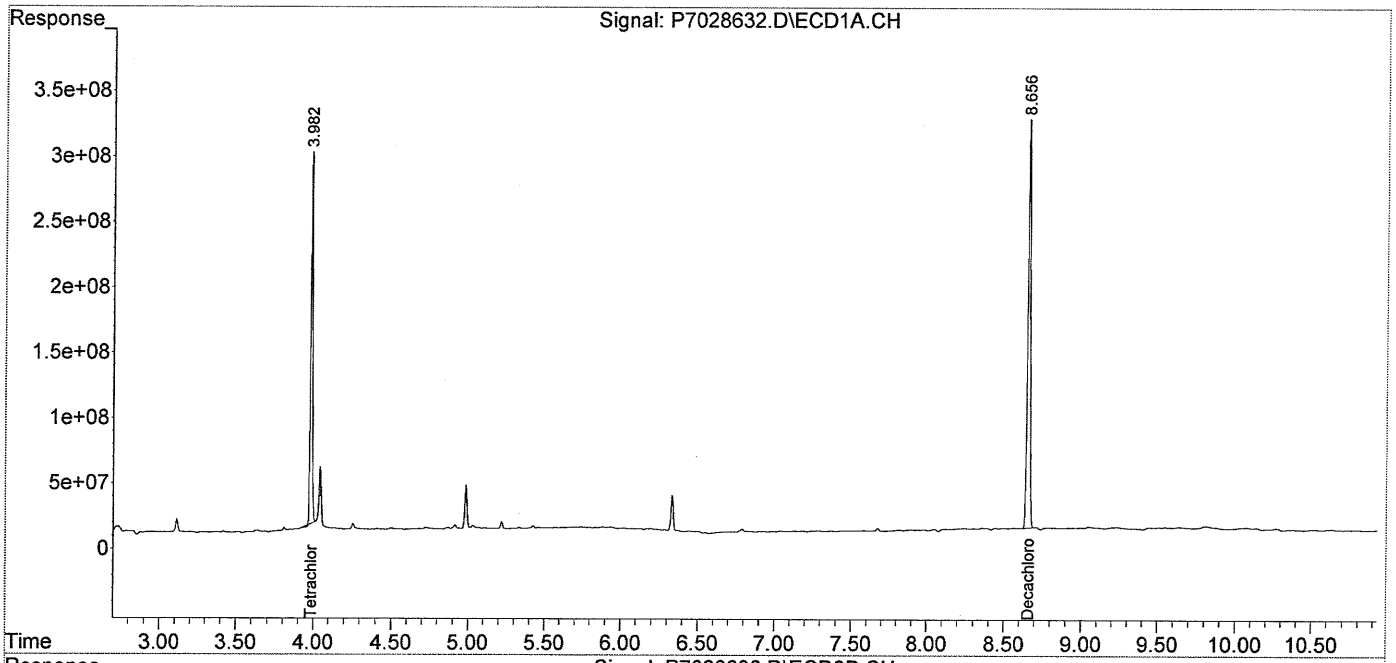
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC (Lindane)	2.6	U
76-44-8	Heptachlor	2.6	U
309-00-2	Aldrin	2.6	U
1024-57-3	Heptachlor epoxide	2.6	U
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	5.1	U
72-55-9	4,4'-DDE	5.1	U
72-20-8	Endrin	5.1	U
33213-65-9	Endosulfan II	5.1	U
72-54-8	4,4'-DDD	5.1	U
1031-07-8	Endosulfan sulfate	5.1	U
50-29-3	4,4'-DDT	5.1	U
72-43-5	Methoxychlor	26	U
53494-70-5	Endrin ketone	5.1	U
7421-93-4	Endrin aldehyde	5.1	U
5103-71-9	alpha-Chlordane	2.6	U
5103-74-2	gamma-Chlordane	2.6	U
8001-35-2	Toxaphene	260	U

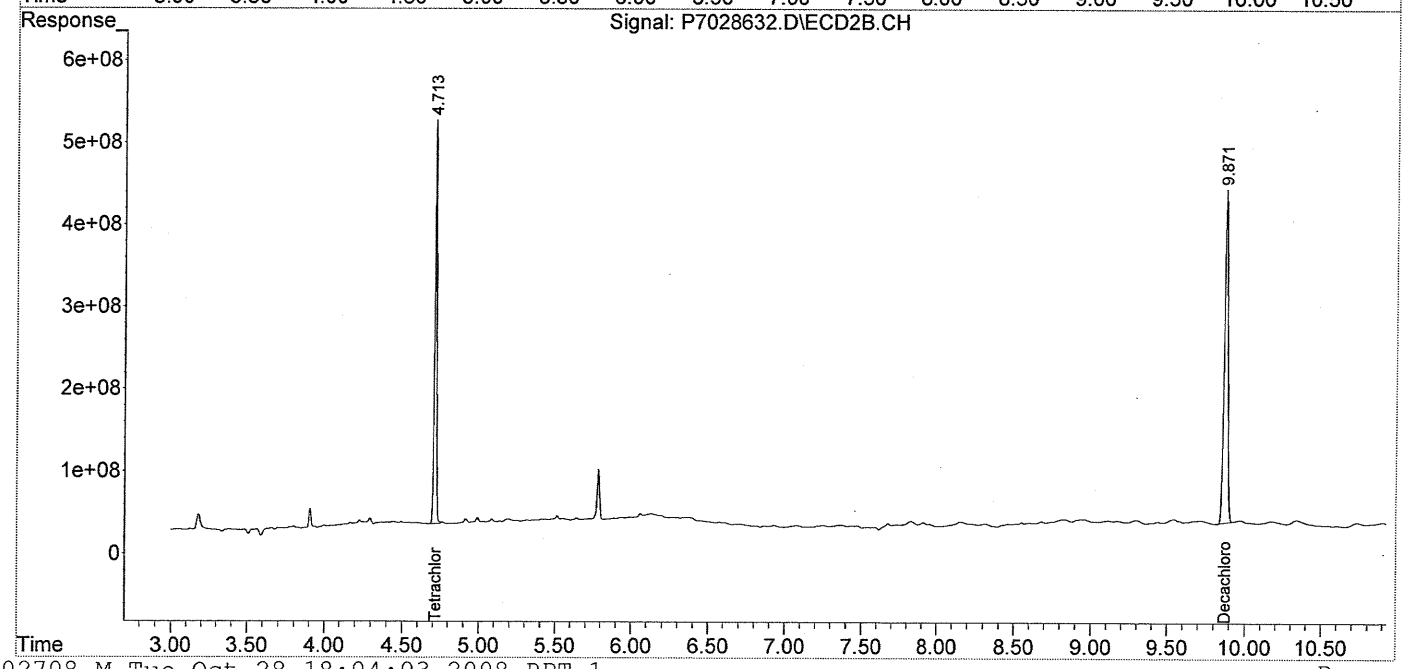
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028632.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:01
Operator : JJ
Sample : Z4920-12
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:50:34 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028632.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:01
Operator : JJ
Sample : Z4920-12
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:50:34 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.983	4.714	2547.9E6	4802.7E6	62.745	54.765
22)	SA Decachlor...	8.658	9.873	3758.9E6	6675.9E6	105.316	100.851
	Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC3-1B

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-13

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028633.D

% Moisture: 18.0 Decanted: (Y/N) Date Received: 10/09/2008

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.98 Sulfur Cleanup: (Y/N) N

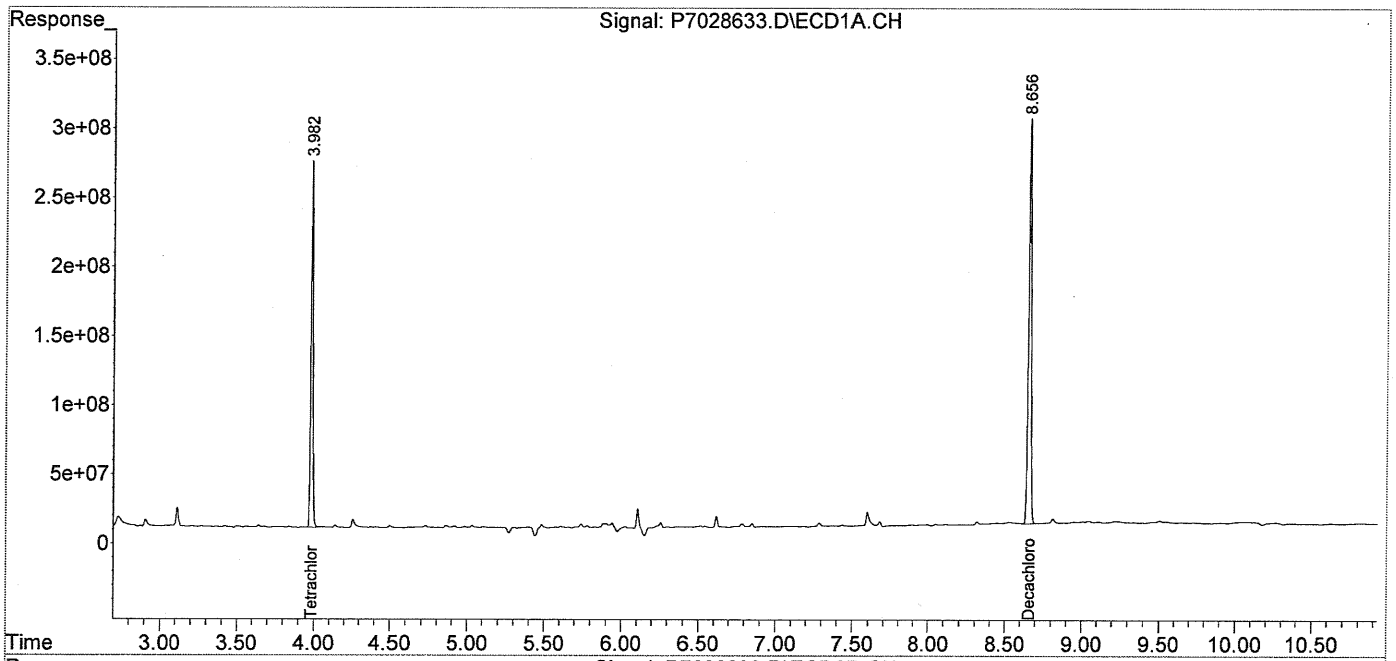
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

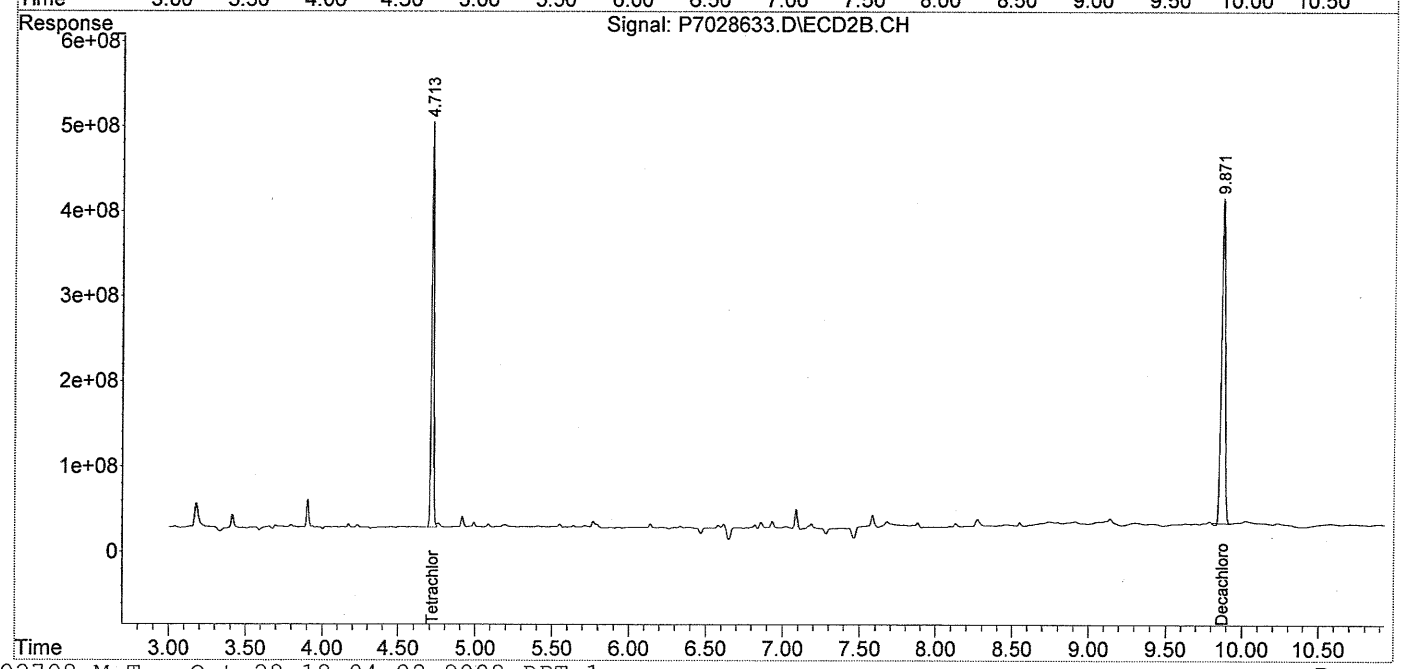
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028633.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:15
Operator : JJ
Sample : Z4920-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:53:01 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028633.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:15
Operator : JJ
Sample : Z4920-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	2424.6E6	4789.7E6	59.708	54.618
22) SA Decachlor...	8.657	9.873	3659.3E6	6382.8E6	102.524	96.424
Target Compounds						

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

CHEMTECH

PESTICIDE/PCB CALIBRATION DATA

6J - FORM VI PEST-1
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Instrument ID: ECD7

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: ZB-MR2 ID: 0.32 (mm) Date(s) Analyzed: 10/27/2008 10/27/2008

COMPOUND	RT OF STANDARDS					$\overline{RT}$	RT WINDOW*	
	CS1	CS2	CS3	CS4	CS5		FROM	TO
alpha-BHC	4.42	4.42	4.42	4.42	4.42	4.42	4.37	4.47
beta-BHC	4.95	4.95	4.95	4.95	4.95	4.95	4.90	5.00
delta-BHC	5.15	5.15	5.15	5.15	5.15	5.15	5.10	5.20
gamma-BHC (Lindane)	4.70	4.70	4.70	4.70	4.70	4.70	4.65	4.75
Heptachlor	4.99	4.99	4.99	4.99	4.99	4.99	4.94	5.04
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.18	5.28
Heptachlor epoxide	5.66	5.66	5.66	5.66	5.66	5.66	5.59	5.73
Endosulfan I	5.99	5.99	5.99	5.99	5.99	5.99	5.92	6.06
Dieldrin	6.23	6.23	6.23	6.23	6.23	6.23	6.16	6.30
4,4'-DDE	6.11	6.11	6.11	6.11	6.11	6.11	6.04	6.18
Endrin	6.49	6.49	6.49	6.49	6.49	6.49	6.42	6.56
Endosulfan II	6.76	6.75	6.75	6.75	6.75	6.75	6.68	6.82
4,4'-DDD	6.62	6.62	6.62	6.62	6.62	6.62	6.55	6.69
Endosulfan sulfate	7.13	7.13	7.13	7.13	7.13	7.13	7.06	7.20
4,4'-DDT	6.85	6.85	6.85	6.85	6.85	6.85	6.78	6.92
Methoxychlor	7.40	7.40	7.40	7.40	7.40	7.40	7.33	7.47
Endrin ketone	7.62	7.62	7.62	7.62	7.62	7.62	7.55	7.69
Endrin aldehyde	6.93	6.92	6.92	6.92	6.92	6.92	6.85	6.99
alpha-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.87	6.01
gamma-Chlordane	5.88	5.88	5.88	5.88	5.88	5.88	5.81	5.95
TCX (A)	3.98	3.98	3.98	3.98	3.98	3.98	3.93	4.03
DCB (A)	8.66	8.65	8.66	8.66	8.66	8.66	8.56	8.76
TCX (B)	3.98	3.98	3.98	3.98	3.98	3.98	3.93	4.03
DCB (B)	8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75

(A) Surrogate RTs are measured from Standard Mix A if two mixtures are used or from Standard Mixture C if one mixture is used.

(B) Surrogate RTs are measured from Standard Mix B if two mixtures are used. Leave entries blank if Standard Mixture C is used.

* RT windows are +/-0.05 minutes for all compounds that elute before Heptachlor epoxide; +/-0.07 minutes for all other compounds (except +/-0.10 minutes for DCB).

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6J - FORM VI PEST-1
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Instrument ID: ECD7

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: ZB-MR1 ID: 0.32 (mm) Date(s) Analyzed: 10/27/2008 10/27/2008

COMPOUND	RT OF STANDARDS					$\overline{RT}$	RT WINDOW*	
	CS1	CS2	CS3	CS4	CS5		FROM	TO
alpha-BHC	5.11	5.11	5.11	5.11	5.12	5.12	5.07	5.17
beta-BHC	5.58	5.58	5.58	5.58	5.58	5.58	5.53	5.63
delta-BHC	5.80	5.80	5.80	5.80	5.80	5.80	5.75	5.85
gamma-BHC (Lindane)	5.41	5.41	5.41	5.41	5.41	5.41	5.36	5.46
Heptachlor	5.92	5.92	5.92	5.92	5.92	5.92	5.87	5.97
Aldrin	6.23	6.23	6.23	6.23	6.23	6.23	6.18	6.28
Heptachlor epoxide	6.62	6.62	6.62	6.62	6.62	6.62	6.55	6.69
Endosulfan I	6.98	6.98	6.98	6.98	6.98	6.98	6.91	7.05
Dieldrin	7.24	7.24	7.24	7.24	7.24	7.24	7.17	7.31
4,4'-DDE	7.08	7.09	7.08	7.08	7.09	7.08	7.01	7.15
Endrin	7.46	7.46	7.46	7.46	7.46	7.46	7.39	7.53
Endosulfan II	7.68	7.67	7.67	7.67	7.68	7.67	7.60	7.74
4,4'-DDD	7.58	7.58	7.58	7.58	7.58	7.58	7.51	7.65
Endosulfan sulfate	8.02	8.02	8.02	8.02	8.02	8.02	7.95	8.09
4,4'-DDT	7.88	7.88	7.88	7.88	7.88	7.88	7.81	7.95
Methoxychlor	8.34	8.34	8.34	8.34	8.33	8.33	8.26	8.40
Endrin ketone	8.50	8.50	8.50	8.50	8.50	8.50	8.43	8.57
Endrin aldehyde	7.80	7.80	7.80	7.80	7.80	7.80	7.73	7.87
alpha-Chlordane	6.93	6.93	6.93	6.93	6.93	6.93	6.86	7.00
gamma-Chlordane	6.86	6.86	6.86	6.86	6.86	6.86	6.79	6.93
TCX (A)	4.71	4.71	4.71	4.71	4.71	4.71	4.66	4.76
DCB (A)	9.87	9.87	9.87	9.87	9.87	9.87	9.77	9.97
TCX (B)	4.71	4.71	4.71	4.71	4.71	4.71	4.66	4.76
DCB (B)	9.87	9.87	9.87	9.87	9.87	9.87	9.77	9.97

(A) Surrogate RTs are measured from Standard Mix A if two mixtures are used or from Standard Mixture C if one mixture is used.

(B) Surrogate RTs are measured from Standard Mix B if two mixtures are used. Leave entries blank if Standard Mixture C is used.

* RT windows are +/-0.05 minutes for all compounds that elute before Heptachlor epoxide; +/-0.07 minutes for all other compounds (except +/-0.10 minutes for DCB).

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6K - FORM VI PEST-2
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Instrument ID: ECD7

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: ZB-MR2 ID: 0.32 (mm) Date(s) Analyzed: 10/27/2008 10/27/2008

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	53133928	54891276	57232088	57869272	61387608	5.52
beta-BHC	22156056	20841656	22221582	22572796	23325546	4.06
delta-BHC	36011952	35289828	36927444	38297264	41847372	6.87
gamma-BHC (Lindane)	46962676	47750400	50130556	50959648	54086896	5.65
Heptachlor	42963484	43717592	45195828	46032920	48646100	4.90
Aldrin	51683300	51373972	53331232	54047752	56343840	3.76
Heptachlor epoxide	47783752	47544220	48586008	48919588	50899440	2.73
Endosulfan I	41834784	43115884	44318464	44515676	45638016	3.31
Dieldrin	47806924	50375160	50877428	50314320	51195176	2.67
4,4'-DDE	45292480	44547784	46317792	47125592	48652544	3.45
Endrin	38702192	39545852	39974088	40275392	40745960	1.95
Endosulfan II	39119120	39999044	41029128	41361752	42232952	2.97
4,4'-DDD	34255452	36950200	40300052	38992552	41258336	7.31
Endosulfan sulfate	27600396	28096830	29318352	30552356	32392076	6.55
4,4'-DDT	17048348	21892636	26695554	30025140	34416480	26.11
Methoxychlor	14227541	14817437	15274422	15095276	15239663	2.90
Endrin ketone	27001694	29550070	32318636	33664872	35532348	10.68
Endrin aldehyde	31160264	31049024	31976820	32106092	33579736	3.17
alpha-Chlordane	45920212	45438620	46757516	47034744	49288664	3.17
gamma-Chlordane	46612728	46536352	48344920	49084676	51758168	4.42
TCX (A)	40230624	40483084	40813792	40183004	41329312	1.17
DCB (A)	35905684	35842636	35177008	35467212	36067556	1.02
TCX (B)	37815924	39064684	39679072	39717800	41163756	3.07
DCB (B)	33712700	28308526	34648440	33899980	36329192	9.04

(A) Surrogate CFs and %RSD are measured from Standard Mix A if two mixtures are used or from Standard Mixture C if one mixture is used.

(B) Surrogate CFs and %RSD are measured from Standard Mix B if two mixtures are used. Leave entries blank if Standard Mixture C is used.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6K - FORM VI PEST-2
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Instrument ID: ECD7

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: ZB-MR1 ID: 0.32 (mm) Date(s) Analyzed: 10/27/2008 10/27/2008

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	114598432	116700080	119775256	121212128	126450240	3.80
beta-BHC	48103820	46305984	46721376	46707284	48955824	2.37
delta-BHC	79033256	78221368	80837512	82679384	88704080	5.10
gamma-BHC (Lindane)	101088928	103143736	106682376	106977392	112356136	4.06
Heptachlor	95254328	93439240	94042240	94743056	97514248	1.65
Aldrin	108636288	105971584	107573064	107495208	110030960	1.39
Heptachlor epoxide	97361824	93900976	95072128	94587320	96473768	1.48
Endosulfan I	84844232	84664688	85939456	84185904	85907232	0.92
Dieldrin	93750976	94518240	95398512	93798088	71875424	11.22
4,4'-DDE	88766480	87705176	89804856	90396400	69583024	10.34
Endrin	61946912	65327536	67274864	66916032	68097424	3.69
Endosulfan II	69693776	70953512	76993360	74459968	77923272	4.89
4,4'-DDD	82483784	78192616	77918960	76481304	77652256	2.92
Endosulfan sulfate	67680608	65425004	66844332	68263840	70163944	2.59
4,4'-DDT	44551720	48931968	54917980	59433964	65368208	15.11
Methoxychlor	27184188	27693366	28062504	27423548	22630234	8.43
Endrin ketone	58871940	56129468	58934932	60341744	62387944	3.86
Endrin aldehyde	59853312	58926164	60356804	60588756	62019536	1.87
alpha-Chlordane	89261952	87194184	88523216	89172864	92142456	2.03
gamma-Chlordane	91391032	90852992	93117088	94093672	97696096	2.91
TCX (A)	86731648	85945776	89707128	87880464	88214952	1.65
DCB (A)	68495720	65945264	65353024	64558352	66626480	2.26
TCX (B)	82289464	83632192	83817488	84542600	86385192	1.78
DCB (B)	64905448	62899816	62914724	62016568	64615368	1.95

(A) Surrogate CFs and %RSD are measured from Standard Mix A if two mixtures are used or from Standard Mixture C if one mixture is used.

(B) Surrogate CFs and %RSD are measured from Standard Mix B if two mixtures are used. Leave entries blank if Standard Mixture C is used.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6L - FORM VI PEST-3
TOXAPHENE INITIAL CALIBRATION

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod Ref No.: SDG No.: RB-1

Instrument ID (1): ECD7 Date(s) Analyzed (1): 10/27/2008

GC Column (1): ZB-MR2 ID: 0.32 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK[1]	RT OF STANDARDS						RT WINDOW	
		CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	FROM	TO
Toxaphene	1	5.73	5.73	5.72	5.72	5.72	5.73	5.66	5.80
	2	6.20	6.20	6.20	6.20	6.19	6.20	6.13	6.27
	3	6.75	6.76	6.75	6.75	6.75	6.75	6.68	6.82
	4	6.82	6.83	6.82	6.82	6.82	6.82	6.75	6.89
	5	6.96	6.96	6.96	6.96	6.96	6.96	6.89	7.03

Instrument ID (2): ECD7 Date(s) Analyzed (2): 10/27/2008

GC Column (2): ZB-MR1 ID: 0.32 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK[1]	RT OF STANDARDS						RT WINDOW	
		CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	FROM	TO
Toxaphene	1	7.40	7.40	7.40	7.40	7.40	7.40	7.33	7.47
	2	7.68	7.68	7.68	7.68	7.68	7.68	7.61	7.75
	3	8.01	8.01	8.01	8.01	8.01	8.01	7.94	8.08
	4	8.09	8.10	8.10	8.09	8.10	8.09	8.02	8.16
	5	8.42	8.42	8.42	8.42	8.42	8.42	8.35	8.49

[1] At least three peaks for each column are required for identification of Toxaphene.

6M - FORM VI PEST-4
TOXAPHENE INITIAL CALIBRATION

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod Ref No.: SDG No.: RB-1

Instrument ID (1): ECD7 Date(s) Analyzed (1): 10/27/2008

GC Column (1): ZB-MR2 ID: 0.32 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) STANDARDS					%RSD
		CS1	CS2	CS3	CS4	CS5	
Toxaphene	1	414848	441828	428624	405944	381875	5.5
	2	733957	750968	738692	725792	718552	1.7
	3	855909	928809	970419	1018547	1056524	8.1
	4	752803	810934	841225	868814	890321	6.5
	5	892822	923630	926249	927450	950471	2.2

Instrument ID (2): ECD7 Date(s) Analyzed (2): 10/27/2008

GC Column (2): ZB-MR1 ID: 0.32 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) STANDARDS					%RSD
		CS1	CS2	CS3	CS4	CS5	
Toxaphene	1	1409326	1561445	1635823	1684987	1740111	8.0
	2	2016829	2212492	2292769	2468226	2589734	9.6
	3	2819224	3105501	3230396	3393019	3092019	6.7
	4	1355876	1525968	1607824	1699436	1801647	10.6
	5	2148689	2496032	2693767	2987702	2797440	12.2

[1] At least three peaks for each column are required for identification of Toxaphene.

6R - FORM VI PEST-5
PESTICIDE RESOLUTION CHECK SUMMARY
COLUMN 1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID(1): ECD7

EPA Sample No. (RESC##): RSCHKP70001 Lab Sample ID(1): RSCHKP70001

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 14:07

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.42	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	beta-BHC	4.95	96.92
05	Heptachlor	4.99	100.00
06	delta-BHC	5.15	100.00
07	Aldrin	5.23	100.00
08	Heptachlor epoxide	5.66	100.00
09	gamma-Chlordane	5.88	99.65
10	alpha-Chlordane	5.94	100.00
11	Endosulfan I	5.99	100.00
12	4,4'-DDE	6.11	100.00
13	Dieldrin	6.23	100.00
14	Endrin	6.48	100.00
15	4,4'-DDD	6.61	100.00
16	Endosulfan II	6.75	100.00
17	4,4'-DDT	6.85	100.00
18	Endrin aldehyde	6.92	100.00
19	Endosulfan sulfate	7.13	100.00
20	Methoxychlor	7.40	100.00
21	Endrin ketone	7.62	100.00
22	DCB	8.65	

6T - FORM VI PEST-5
PESTICIDE RESOLUTION CHECK SUMMARY
COLUMN 2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID(2): ECD7

EPA Sample No. (RESC##): RSCHKP70001 Lab Sample ID(2): RSCHKP70001

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 14:07

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.58	100.00
05	delta-BHC	5.80	100.00
06	Heptachlor	5.92	100.00
07	Aldrin	6.23	100.00
08	Heptachlor epoxide	6.62	100.00
09	gamma-Chlordane	6.86	100.00
10	alpha-Chlordane	6.93	99.30
11	Endosulfan I	6.98	100.00
12	4,4'-DDE	7.08	100.00
13	Dieldrin	7.24	100.00
14	Endrin	7.46	100.00
15	4,4'-DDD	7.58	100.00
16	Endosulfan II	7.67	100.00
17	Endrin aldehyde	7.80	100.00
18	4,4'-DDT	7.88	100.00
19	Endosulfan sulfate	8.02	100.00
20	Methoxychlor	8.33	100.00
21	Endrin ketone	8.50	100.00
22	DCB	9.87	

6U - FORM VI PEST-6
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (PEM##): PEMP70001 Lab Sample ID (1): PEMP70001

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 14:22

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.42	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	beta-BHC	4.95	100.00
05	Endrin	6.48	100.00
06	4,4'-DDT	6.85	100.00
07	Methoxychlor	7.40	100.00
08	DCB	8.65	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (PEM##): PEMP70001 Lab Sample ID (2): PEMP70001

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 14:22

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.58	100.00
05	Endrin	7.46	100.00
06	4,4'-DDT	7.88	100.00
07	Methoxychlor	8.34	100.00
08	DCB	9.87	

6U - FORM VI PEST-6
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (PEM##): PEMP70002 Lab Sample ID (1): PEMP70002

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 18:26

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.42	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	beta-BHC	4.95	100.00
05	Endrin	6.49	100.00
06	4,4'-DDT	6.85	100.00
07	Methoxychlor	7.40	100.00
08	DCB	8.65	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (PEM##): PEMP70002 Lab Sample ID (2): PEMP70002

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 18:26

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.58	100.00
05	Endrin	7.46	100.00
06	4,4'-DDT	7.88	100.00
07	Methoxychlor	8.34	100.00
08	DCB	9.87	

6U - FORM VI PEST-6
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (PEM##): PEMP70003 Lab Sample ID (1): PEMP70003

Date Analyzed (1): 10/28/2008 Time Analyzed (1): 03:43

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.43	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	beta-BHC	4.95	100.00
05	Endrin	6.49	100.00
06	4,4'-DDT	6.85	100.00
07	Methoxychlor	7.40	100.00
08	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (PEM##): PEMP70003 Lab Sample ID (2): PEMP70003

Date Analyzed (2): 10/28/2008 Time Analyzed (2): 03:43

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.12	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.59	100.00
05	Endrin	7.46	100.00
06	4,4'-DDT	7.88	100.00
07	Methoxychlor	8.34	100.00
08	DCB	9.87	

6U - FORM VI PEST-6
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (PEM##): PEMP70004 Lab Sample ID (1): PEMP70004

Date Analyzed (1): 10/28/2008 Time Analyzed (1): 09:42

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.43	100.00
03	gamma-BHC (Lindane)	4.71	100.00
04	beta-BHC	4.95	100.00
05	Endrin	6.49	100.00
06	4,4'-DDT	6.85	100.00
07	Methoxychlor	7.41	100.00
08	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (PEM##): PEMP70004 Lab Sample ID (2): PEMP70004

Date Analyzed (2): 10/28/2008 Time Analyzed (2): 09:42

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.72	100.00
02	alpha-BHC	5.12	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.59	100.00
05	Endrin	7.47	100.00
06	4,4'-DDT	7.88	100.00
07	Methoxychlor	8.34	100.00
08	DCB	9.88	

6U - FORM VI PEST-6
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (PEM##): PEMP70005 Lab Sample ID (1): PEMP70005

Date Analyzed (1): 10/29/2008 Time Analyzed (1): 11:47

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.99	100.00
02	alpha-BHC	4.43	100.00
03	gamma-BHC (Lindane)	4.71	100.00
04	beta-BHC	4.96	100.00
05	Endrin	6.49	100.00
06	4,4'-DDT	6.86	100.00
07	Methoxychlor	7.41	100.00
08	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (PEM##): PEMP70005 Lab Sample ID (2): PEMP70005

Date Analyzed (2): 10/29/2008 Time Analyzed (2): 11:47

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	beta-BHC	5.58	100.00
05	Endrin	7.46	100.00
06	4,4'-DDT	7.88	100.00
07	Methoxychlor	8.34	100.00
08	DCB	9.87	

6V - FORM VI PEST-7
INDIVIDUAL STANDARD MIXTURE A

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDA3##): INDACS3AP70005 Lab Sample ID (1): INDACS3AP70005

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 16:46

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.42	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	Heptachlor	4.99	100.00
05	Endosulfan I	5.99	100.00
06	Dieldrin	6.23	100.00
07	Endrin	6.49	100.00
08	4,4'-DDD	6.62	100.00
09	4,4'-DDT	6.85	100.00
10	Methoxychlor	7.40	100.00
11	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDA3##): INDACS3AP70005 Lab Sample ID (2): INDACS3AP70005

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 16:46

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	Heptachlor	5.92	100.00
05	Endosulfan I	6.98	100.00
06	Dieldrin	7.24	100.00
07	Endrin	7.46	100.00
08	4,4'-DDD	7.58	100.00
09	4,4'-DDT	7.88	100.00
10	Methoxychlor	8.34	100.00
11	DCB	9.87	

6V - FORM VI PEST-7
INDIVIDUAL STANDARD MIXTURE A

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDA3##): INDACS3AP70011 Lab Sample ID (1): INDACS3AP70011

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 23:28

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	alpha-BHC	4.42	100.00
03	gamma-BHC (Lindane)	4.70	100.00
04	Heptachlor	4.99	100.00
05	Endosulfan I	5.99	100.00
06	Dieldrin	6.23	100.00
07	Endrin	6.49	100.00
08	4,4'-DDD	6.62	100.00
09	4,4'-DDT	6.85	100.00
10	Methoxychlor	7.40	100.00
11	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDA3##): INDACS3AP70011 Lab Sample ID (2): INDACS3AP70011

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 23:28

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.12	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	Heptachlor	5.92	100.00
05	Endosulfan I	6.98	100.00
06	Dieldrin	7.24	100.00
07	Endrin	7.46	100.00
08	4,4'-DDD	7.58	100.00
09	4,4'-DDT	7.88	100.00
10	Methoxychlor	8.34	100.00
11	DCB	9.87	

6V - FORM VI PEST-7
INDIVIDUAL STANDARD MIXTURE A

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDA3##): INDACS3AP70017 Lab Sample ID (1): INDACS3AP70017

Date Analyzed (1): 10/28/2008 Time Analyzed (1): 17:46

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.99	100.00
02	alpha-BHC	4.43	100.00
03	gamma-BHC (Lindane)	4.71	100.00
04	Heptachlor	5.00	100.00
05	Endosulfan I	6.00	100.00
06	Dieldrin	6.24	100.00
07	Endrin	6.49	100.00
08	4,4'-DDD	6.63	100.00
09	4,4'-DDT	6.86	100.00
10	Methoxychlor	7.41	100.00
11	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDA3##): INDACS3AP70017 Lab Sample ID (2): INDACS3AP70017

Date Analyzed (2): 10/28/2008 Time Analyzed (2): 17:46

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.72	100.00
02	alpha-BHC	5.12	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	Heptachlor	5.93	100.00
05	Endosulfan I	6.99	100.00
06	Dieldrin	7.25	100.00
07	Endrin	7.47	100.00
08	4,4'-DDD	7.59	100.00
09	4,4'-DDT	7.89	100.00
10	Methoxychlor	8.34	100.00
11	DCB	9.88	

6V - FORM VI PEST-7
INDIVIDUAL STANDARD MIXTURE A

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDA3##): INDACS3AP70018 Lab Sample ID (1): INDACS3AP70018

Date Analyzed (1): 10/29/2008 Time Analyzed (1): 14:56

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.99	100.00
02	alpha-BHC	4.43	100.00
03	gamma-BHC (Lindane)	4.71	100.00
04	Heptachlor	4.99	100.00
05	Endosulfan I	6.00	100.00
06	Dieldrin	6.24	100.00
07	Endrin	6.49	100.00
08	4,4'-DDD	6.63	100.00
09	4,4'-DDT	6.86	100.00
10	Methoxychlor	7.41	100.00
11	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDA3##): INDACS3AP70018 Lab Sample ID (2): INDACS3AP70018

Date Analyzed (2): 10/29/2008 Time Analyzed (2): 14:56

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	alpha-BHC	5.11	100.00
03	gamma-BHC (Lindane)	5.41	100.00
04	Heptachlor	5.92	100.00
05	Endosulfan I	6.98	100.00
06	Dieldrin	7.24	100.00
07	Endrin	7.46	100.00
08	4,4'-DDD	7.58	100.00
09	4,4'-DDT	7.88	100.00
10	Methoxychlor	8.34	100.00
11	DCB	9.87	

6W - FORM VI PEST-8
INDIVIDUAL STANDARD MIXTURE B

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70006 Lab Sample ID (1): INDBCS3BP70006

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 17:00

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	beta-BHC	4.95	100.00
03	delta-BHC	5.15	100.00
04	Aldrin	5.23	100.00
05	Heptachlor epoxide	5.66	100.00
06	gamma-Chlordane	5.88	100.00
07	alpha-Chlordane	5.94	100.00
08	4,4'-DDE	6.11	100.00
09	Endosulfan II	6.75	100.00
10	Endrin aldehyde	6.92	100.00
11	Endosulfan sulfate	7.13	100.00
12	Endrin ketone	7.62	100.00
13	DCB	8.65	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70006 Lab Sample ID (2): INDBCS3BP70006

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 17:00

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	beta-BHC	5.58	100.00
03	delta-BHC	5.80	100.00
04	Aldrin	6.23	100.00
05	Heptachlor epoxide	6.62	100.00
06	gamma-Chlordane	6.86	100.00
07	alpha-Chlordane	6.93	100.00
08	4,4'-DDE	7.08	100.00
09	Endosulfan II	7.67	100.00
10	Endrin aldehyde	7.80	100.00
11	Endosulfan sulfate	8.02	100.00
12	Endrin ketone	8.50	100.00
13	DCB	9.87	

6W - FORM VI PEST-8
INDIVIDUAL STANDARD MIXTURE B

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70012 Lab Sample ID (1): INDBCS3BP70012

Date Analyzed (1): 10/27/2008 Time Analyzed (1): 23:42

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	beta-BHC	4.95	100.00
03	delta-BHC	5.15	100.00
04	Aldrin	5.23	100.00
05	Heptachlor epoxide	5.66	100.00
06	gamma-Chlordane	5.88	100.00
07	alpha-Chlordane	5.94	100.00
08	4,4'-DDE	6.11	100.00
09	Endosulfan II	6.75	100.00
10	Endrin aldehyde	6.92	100.00
11	Endosulfan sulfate	7.13	100.00
12	Endrin ketone	7.62	100.00
13	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70012 Lab Sample ID (2): INDBCS3BP70012

Date Analyzed (2): 10/27/2008 Time Analyzed (2): 23:42

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	beta-BHC	5.58	100.00
03	delta-BHC	5.80	100.00
04	Aldrin	6.23	100.00
05	Heptachlor epoxide	6.62	100.00
06	gamma-Chlordane	6.86	100.00
07	alpha-Chlordane	6.93	100.00
08	4,4'-DDE	7.09	100.00
09	Endosulfan II	7.68	100.00
10	Endrin aldehyde	7.80	100.00
11	Endosulfan sulfate	8.02	100.00
12	Endrin ketone	8.50	100.00
13	DCB	9.87	

6W - FORM VI PEST-8
INDIVIDUAL STANDARD MIXTURE B

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70016 Lab Sample ID (1): INDBCS3BP70016

Date Analyzed (1): 10/28/2008 Time Analyzed (1): 16:01

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.98	100.00
02	beta-BHC	4.95	100.00
03	delta-BHC	5.15	100.00
04	Aldrin	5.23	100.00
05	Heptachlor epoxide	5.67	100.00
06	gamma-Chlordane	5.88	100.00
07	alpha-Chlordane	5.94	100.00
08	4,4'-DDE	6.11	100.00
09	Endosulfan II	6.76	100.00
10	Endrin aldehyde	6.93	100.00
11	Endosulfan sulfate	7.14	100.00
12	Endrin ketone	7.62	100.00
13	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70016 Lab Sample ID (2): INDBCS3BP70016

Date Analyzed (2): 10/28/2008 Time Analyzed (2): 16:01

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	beta-BHC	5.59	100.00
03	delta-BHC	5.81	100.00
04	Aldrin	6.23	100.00
05	Heptachlor epoxide	6.62	100.00
06	gamma-Chlordane	6.86	100.00
07	alpha-Chlordane	6.93	100.00
08	4,4'-DDE	7.09	100.00
09	Endosulfan II	7.68	100.00
10	Endrin aldehyde	7.80	100.00
11	Endosulfan sulfate	8.02	100.00
12	Endrin ketone	8.50	100.00
13	DCB	9.88	

6W - FORM VI PEST-8
INDIVIDUAL STANDARD MIXTURE B

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG NO.: RB-1

GC Column (1): ZB-MR2 ID: 0.32 (mm) Instrument ID (1): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70019 Lab Sample ID (1): INDBCS3BP70019

Date Analyzed (1): 10/29/2008 Time Analyzed (1): 15:10

	ANALYTE	RT	RESOLUTION (%)
01	TCX	3.99	100.00
02	beta-BHC	4.96	100.00
03	delta-BHC	5.16	100.00
04	Aldrin	5.23	100.00
05	Heptachlor epoxide	5.67	100.00
06	gamma-Chlordane	5.89	100.00
07	alpha-Chlordane	5.95	100.00
08	4,4'-DDE	6.12	100.00
09	Endosulfan II	6.76	100.00
10	Endrin aldehyde	6.93	100.00
11	Endosulfan sulfate	7.14	100.00
12	Endrin ketone	7.63	100.00
13	DCB	8.66	

GC Column (2): ZB-MR1 ID: 0.32 (mm) Instrument ID (2): ECD7

EPA Sample No. (INDB3##): INDBCS3BP70019 Lab Sample ID (2): INDBCS3BP70019

Date Analyzed (2): 10/29/2008 Time Analyzed (2): 15:10

	ANALYTE	RT	RESOLUTION (%)
01	TCX	4.71	100.00
02	beta-BHC	5.58	100.00
03	delta-BHC	5.80	100.00
04	Aldrin	6.23	100.00
05	Heptachlor epoxide	6.62	100.00
06	gamma-Chlordane	6.86	100.00
07	alpha-Chlordane	6.93	100.00
08	4,4'-DDE	7.08	100.00
09	Endosulfan II	7.67	100.00
10	Endrin aldehyde	7.80	100.00
11	Endosulfan sulfate	8.02	100.00
12	Endrin ketone	8.50	100.00
13	DCB	9.87	

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

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

Lab Sample ID. (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMP70001 Date Analyzed: 10/27/2008

Lab Sample ID. (PEM): PEMP70001 Time Analyzed: 14:22

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.423	4.370	4.470	9.250	10.000	-7.5
beta-BHC	4.950	4.900	5.000	8.160	10.000	-18.4
gamma-BHC (Lindane)	4.702	4.650	4.750	8.360	10.000	-16.4
Endrin	6.484	6.420	6.560	50.610	50.000	1.2
4,4'-DDT	6.849	6.780	6.920	100.370	100.000	0.4
Methoxychlor	7.400	7.330	7.470	248.830	250.000	-0.5
TCX	3.982	3.930	4.030	17.910	20.000	-10.5
DCB	8.654	8.560	8.760	17.290	20.000	-13.6

4,4'-DDT %Breakdown (1): 9.44 Endrin %Breakdown (1): 2.78

Combined %Breakdown (1): 12.22

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

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

Lab Sample ID. (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMP70001 Date Analyzed: 10/27/2008

Lab Sample ID. (PEM): PEMP70001 Time Analyzed: 14:22

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	5.115	5.070	5.170	8.790	10.000	-12.1
beta-BHC	5.583	5.530	5.630	8.340	10.000	-16.6
gamma-BHC (Lindane)	5.406	5.360	5.460	8.580	10.000	-14.2
Endrin	7.462	7.390	7.530	51.150	50.000	2.3
4,4'-DDT	7.879	7.810	7.950	92.590	100.000	-7.4
Methoxychlor	8.335	8.260	8.400	253.330	250.000	1.3
TCX	4.712	4.660	4.760	18.300	20.000	-8.5
DCB	9.868	9.770	9.970	17.420	20.000	-12.9

4,4'-DDT %Breakdown (1): 8.44 Endrin %Breakdown (1): 3.34

Combined %Breakdown (1): 11.78

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70001 Date Analyzed: 10/27/2008

Lab Sample ID. (PIBLK): PIBLKP70001 Time Analyzed: 18:11

EPA Sample No. (PEM##): PEMP70002 Date Analyzed: 10/27/2008

Lab Sample ID. (PEM): PEMP70002 Time Analyzed: 18:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.424	4.370	4.470	9.490	10.000	-5.1
beta-BHC	4.952	4.900	5.000	9.160	10.000	-8.4
gamma-BHC (Lindane)	4.703	4.650	4.750	9.130	10.000	-8.7
Endrin	6.485	6.420	6.560	52.110	50.000	4.2
4,4'-DDT	6.850	6.780	6.920	101.520	100.000	1.5
Methoxychlor	7.401	7.330	7.470	247.410	250.000	-1.0
TCX	3.983	3.930	4.030	19.340	20.000	-3.3
DCB	8.655	8.560	8.760	19.510	20.000	-2.4

4,4'-DDT %Breakdown (1): 10.84 Endrin %Breakdown (1): 7.76

Combined %Breakdown (1): 18.60

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70001 Date Analyzed: 10/27/2008

Lab Sample ID. (PIBLK): PIBLKP70001 Time Analyzed: 18:11

EPA Sample No. (PEM##): PEMP70002 Date Analyzed: 10/27/2008

Lab Sample ID. (PEM): PEMP70002 Time Analyzed: 18:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	5.115	5.070	5.170	9.800	10.000	-2.0
beta-BHC	5.584	5.530	5.630	9.040	10.000	-9.6
gamma-BHC (Lindane)	5.406	5.360	5.460	9.130	10.000	-8.7
Endrin	7.462	7.390	7.530	52.130	50.000	4.3
4,4'-DDT	7.879	7.810	7.950	91.300	100.000	-8.7
Methoxychlor	8.335	8.260	8.400	245.270	250.000	-1.9
TCX	4.713	4.660	4.760	19.390	20.000	-3.1
DCB	9.870	9.770	9.970	18.640	20.000	-6.8

4,4'-DDT %Breakdown (1): 10.32 Endrin %Breakdown (1): 7.86

Combined %Breakdown (1): 18.18

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70003 Date Analyzed: 10/28/2008

Lab Sample ID. (PIBLK): PIBLKP70003 Time Analyzed: 03:29

EPA Sample No. (PEM##): PEMP70003 Date Analyzed: 10/28/2008

Lab Sample ID. (PEM): PEMP70003 Time Analyzed: 03:43

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.425	4.370	4.470	9.970	10.000	-0.3
beta-BHC	4.953	4.900	5.000	9.880	10.000	-1.2
gamma-BHC (Lindane)	4.705	4.650	4.750	9.860	10.000	-1.4
Endrin	6.487	6.420	6.560	51.760	50.000	3.5
4,4'-DDT	6.853	6.780	6.920	92.460	100.000	-7.5
Methoxychlor	7.404	7.330	7.470	222.190	250.000	-11.1
TCX	3.984	3.930	4.030	20.320	20.000	1.6
DCB	8.658	8.560	8.760	18.850	20.000	-5.7

4,4'-DDT %Breakdown (1): 17.17 Endrin %Breakdown (1): 11.88

Combined %Breakdown (1): 29.05

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70003 Date Analyzed: 10/28/2008

Lab Sample ID. (PIBLK): PIBLKP70003 Time Analyzed: 03:29

EPA Sample No. (PEM##): PEMP70003 Date Analyzed: 10/28/2008

Lab Sample ID. (PEM): PEMP70003 Time Analyzed: 03:43

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	5.117	5.070	5.170	10.730	10.000	7.3
beta-BHC	5.586	5.530	5.630	9.580	10.000	-4.2
gamma-BHC (Lindane)	5.408	5.360	5.460	9.950	10.000	-0.5
Endrin	7.464	7.390	7.530	48.060	50.000	-3.9
4,4'-DDT	7.881	7.810	7.950	78.520	100.000	-21.5
Methoxychlor	8.338	8.260	8.400	213.280	250.000	-14.7
TCX	4.714	4.660	4.760	19.520	20.000	-2.4
DCB	9.873	9.770	9.970	17.700	20.000	-11.5

4,4'-DDT %Breakdown (1): 14.97 Endrin %Breakdown (1): 11.92

Combined %Breakdown (1): 26.89

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70005 Date Analyzed: 10/28/2008

Lab Sample ID. (PIBLK): PIBLKP70005 Time Analyzed: 09:28

EPA Sample No. (PEM##): PEMP70004 Date Analyzed: 10/28/2008

Lab Sample ID. (PEM): PEMP70004 Time Analyzed: 09:42

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.426	4.370	4.470	10.530	10.000	5.3
beta-BHC	4.954	4.900	5.000	10.100	10.000	1.0
gamma-BHC (Lindane)	4.706	4.650	4.750	10.110	10.000	1.1
Endrin	6.489	6.420	6.560	52.650	50.000	5.3
4,4'-DDT	6.854	6.780	6.920	111.200	100.000	11.2
Methoxychlor	7.406	7.330	7.470	255.700	250.000	2.3
TCX	3.985	3.930	4.030	20.780	20.000	3.9
DCB	8.660	8.560	8.760	20.490	20.000	2.4

4,4'-DDT %Breakdown (1): 13.40 Endrin %Breakdown (1): 14.22

Combined %Breakdown (1): 27.62

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70005 Date Analyzed: 10/28/2008

Lab Sample ID. (PIBLK): PIBLKP70005 Time Analyzed: 09:28

EPA Sample No. (PEM##): PEMP70004 Date Analyzed: 10/28/2008

Lab Sample ID. (PEM): PEMP70004 Time Analyzed: 09:42

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	5.118	5.070	5.170	11.220	10.000	12.2
beta-BHC	5.587	5.530	5.630	10.120	10.000	1.2
gamma-BHC (Lindane)	5.409	5.360	5.460	10.520	10.000	5.2
Endrin	7.466	7.390	7.530	54.410	50.000	8.8
4,4'-DDT	7.883	7.810	7.950	98.390	100.000	-1.6
Methoxychlor	8.340	8.260	8.400	254.220	250.000	1.7
TCX	4.715	4.660	4.760	20.860	20.000	4.3
DCB	9.876	9.770	9.970	19.900	20.000	-0.5

4,4'-DDT %Breakdown (1): 12.66 Endrin %Breakdown (1): 15.54

Combined %Breakdown (1): 28.20

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70007 Date Analyzed: 10/29/2008

Lab Sample ID. (PIBLK): PIBLKP70007 Time Analyzed: 11:33

EPA Sample No. (PEM##): PEMP70005 Date Analyzed: 10/29/2008

Lab Sample ID. (PEM): PEMP70005 Time Analyzed: 11:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.428	4.370	4.470	9.490	10.000	-5.1
beta-BHC	4.957	4.900	5.000	9.550	10.000	-4.5
gamma-BHC (Lindane)	4.708	4.650	4.750	9.060	10.000	-9.4
Endrin	6.491	6.420	6.560	51.630	50.000	3.3
4,4'-DDT	6.856	6.780	6.920	96.580	100.000	-3.4
Methoxychlor	7.406	7.330	7.470	240.160	250.000	-3.9
TCX	3.986	3.930	4.030	20.130	20.000	0.6
DCB	8.658	8.560	8.760	19.180	20.000	-4.1

4,4'-DDT %Breakdown (1): 6.07 Endrin %Breakdown (1): 8.14

Combined %Breakdown (1): 14.21

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No. (PIBLK##): PIBLKP70007 Date Analyzed: 10/29/2008

Lab Sample ID. (PIBLK): PIBLKP70006 Time Analyzed: 11:33

EPA Sample No. (PEM##): PEMP70005 Date Analyzed: 10/29/2008

Lab Sample ID. (PEM): PEMP70005 Time Analyzed: 11:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	5.114	5.070	5.170	9.790	10.000	-2.1
beta-BHC	5.583	5.530	5.630	8.720	10.000	-12.8
gamma-BHC (Lindane)	5.406	5.360	5.460	9.310	10.000	-6.9
Endrin	7.462	7.390	7.530	51.910	50.000	3.8
4,4'-DDT	7.879	7.810	7.950	93.830	100.000	-6.2
Methoxychlor	8.335	8.260	8.400	249.260	250.000	-0.3
TCX	4.712	4.660	4.760	18.050	20.000	-9.8
DCB	9.870	9.770	9.970	18.020	20.000	-9.9

4,4'-DDT %Breakdown (1): 5.86 Endrin %Breakdown (1): 7.00

Combined %Breakdown (1): 12.86

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70002 Date Analyzed: 10/27/2008

Lab Sample ID (PIBLK): PIBLKP70002 Time Analyzed: 23:13

EPA Sample No. (INDA3##): INDACS3AP70011 Date Analyzed: 10/27/2008

Lab Sample No. (INDA3): INDACS3AP70011 Time Analyzed: 23:28

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	4.424	4.370	4.470	56902836	58007780	1.9
gamma-BHC (Lindane)	4.704	4.650	4.750	49978036	52706152	5.5
Heptachlor	4.989	4.940	5.040	45311184	44706044	-1.3
Endosulfan I	5.994	5.920	6.060	43884568	45987308	4.8
Dieldrin	6.232	6.160	6.300	50113800	52652908	5.1
Endrin	6.485	6.420	6.560	39848696	39917112	0.2
4,4'-DDD	6.618	6.550	6.690	38351316	41350072	7.8
4,4'-DDT	6.851	6.780	6.920	26015632	29087062	11.8
Methoxychlor	7.402	7.330	7.470	14930867	15630020	4.7
TCX	3.983	3.930	4.030	40607964	42163584	3.8
DCB	8.656	8.560	8.760	35692020	38917256	9.0

EPA Sample No. (INDB3##): INDBCS3BP70012 Date Analyzed: 10/27/2008

Lab Sample No. (INDB3): INDBCS3BP70012 Time Analyzed: 23:42

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	4.951	4.900	5.000	22223528	23910728	7.6
delta-BHC	5.150	5.100	5.200	37674772	40834348	8.4
Aldrin	5.228	5.180	5.280	53356020	57897648	8.5
Heptachlor epoxide	5.664	5.590	5.730	48746600	52373244	7.4
4,4'-DDE	6.109	6.040	6.180	46387240	49821104	7.4
Endosulfan II	6.754	6.680	6.820	40748396	44164148	8.4
Endosulfan sulfate	7.132	7.060	7.200	29592004	31759994	7.3
Endrin ketone	7.619	7.550	7.690	31613524	36109276	14.2
Endrin aldehyde	6.924	6.850	6.990	31974388	34839708	9.0
alpha-Chlordane	5.941	5.870	6.010	46887956	50442640	7.6
gamma-Chlordane	5.883	5.810	5.950	48467368	52389988	8.1
TCX	3.983	3.930	4.030	39488248	40951416	3.7
DCB	8.656	8.550	8.750	33379770	38649412	15.8

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70002 Date Analyzed: 10/27/2008

Lab Sample ID (PIBLK): PIBLKP70002 Time Analyzed: 23:13

EPA Sample No. (INDA3##): INDACS3AP70011 Date Analyzed: 10/27/2008

Lab Sample No. (INDA3): INDACS3AP70011 Time Analyzed: 23:28

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	5.116	5.070	5.170	119747224	127898552	6.8
gamma-BHC (Lindane)	5.407	5.360	5.460	106049712	113092784	6.6
Heptachlor	5.922	5.870	5.970	94998616	94615712	-0.4
Endosulfan I	6.983	6.910	7.050	85108304	88728352	4.3
Dieldrin	7.242	7.170	7.310	89868240	98058176	9.1
Endrin	7.463	7.390	7.530	65912552	67704144	2.7
4,4'-DDD	7.581	7.510	7.650	78545784	79740800	1.5
4,4'-DDT	7.879	7.810	7.950	54640768	57395164	5.0
Methoxychlor	8.336	8.260	8.400	26598766	27963900	5.1
TCX	4.713	4.660	4.760	87695992	92028264	4.9
DCB	9.871	9.770	9.970	66195768	67980768	2.7

EPA Sample No. (INDB3##): INDBCS3BP70012 Date Analyzed: 10/27/2008

Lab Sample No. (INDB3): INDBCS3BP70012 Time Analyzed: 23:42

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	5.584	5.530	5.630	47358856	50388044	6.4
delta-BHC	5.805	5.750	5.850	81895120	90172040	10.1
Aldrin	6.231	6.180	6.280	107941416	115378744	6.9
Heptachlor epoxide	6.622	6.550	6.690	95479200	101787792	6.6
4,4'-DDE	7.085	7.010	7.150	85251184	96105032	12.7
Endosulfan II	7.675	7.600	7.740	74004776	82156200	11.0
Endosulfan sulfate	8.023	7.950	8.090	67675544	70474976	4.1
Endrin ketone	8.499	8.430	8.570	59333204	63640348	7.3
Endrin aldehyde	7.800	7.730	7.870	60348916	64985576	7.7
alpha-Chlordane	6.930	6.860	7.000	89258928	94594296	6.0
gamma-Chlordane	6.857	6.790	6.930	93430176	100688040	7.8
TCX	4.713	4.660	4.760	84133392	90231904	7.2
DCB	9.870	9.770	9.970	63470380	67719672	6.7

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70006 Date Analyzed: 10/28/2008

Lab Sample ID (PIBLK): PIBLKP70006 Time Analyzed: 15:32

EPA Sample No. (INDA3##): INDACS3AP70017 Date Analyzed: 10/28/2008

Lab Sample No. (INDA3): INDACS3AP70017 Time Analyzed: 17:46

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	4.430	4.370	4.470	56902836	51374868	-9.7
gamma-BHC (Lindane)	4.710	4.650	4.750	49978036	49488296	-1.0
Heptachlor	4.996	4.940	5.040	45311184	42605024	-6.0
Endosulfan I	6.001	5.920	6.060	43884568	41588692	-5.2
Dieldrin	6.240	6.160	6.300	50113800	47466424	-5.3
Endrin	6.493	6.420	6.560	39848696	37003536	-7.1
4,4'-DDD	6.626	6.550	6.690	38351316	33774360	-11.9
4,4'-DDT	6.860	6.780	6.920	26015632	30326186	16.6
Methoxychlor	7.411	7.330	7.470	14930867	16100219	7.8
TCX	3.989	3.930	4.030	40607964	38534664	-5.1
DCB	8.665	8.560	8.760	35692020	32121626	-10.0

EPA Sample No. (INDB3##): INDBCS3BP70016 Date Analyzed: 10/28/2008

Lab Sample No. (INDB3): INDBCS3BP70016 Time Analyzed: 16:01

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	4.953	4.900	5.000	22223528	24781620	11.5
delta-BHC	5.151	5.100	5.200	37674772	45497328	20.8
Aldrin	5.230	5.180	5.280	53356020	58772476	10.2
Heptachlor epoxide	5.667	5.590	5.730	48746600	52771556	8.3
4,4'-DDE	6.112	6.040	6.180	46387240	49592120	6.9
Endosulfan II	6.757	6.680	6.820	40748396	43994940	8.0
Endosulfan sulfate	7.135	7.060	7.200	29592004	33756836	14.1
Endrin ketone	7.622	7.550	7.690	31613524	35205780	11.4
Endrin aldehyde	6.927	6.850	6.990	31974388	33652300	5.2
alpha-Chlordane	5.943	5.870	6.010	46887956	50661172	8.0
gamma-Chlordane	5.884	5.810	5.950	48467368	52649216	8.6
TCX	3.984	3.930	4.030	39488248	42265364	7.0
DCB	8.659	8.550	8.750	33379770	33924748	1.6

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70006 Date Analyzed: 10/28/2008

Lab Sample ID (PIBLK): PIBLKP70006 Time Analyzed: 15:32

EPA Sample No. (INDA3##): INDACS3AP70017 Date Analyzed: 10/28/2008

Lab Sample No. (INDA3): INDACS3AP70017 Time Analyzed: 17:46

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	5.119	5.070	5.170	119747224	119030976	-0.6
gamma-BHC (Lindane)	5.410	5.360	5.460	106049712	105818024	-0.2
Heptachlor	5.926	5.870	5.970	94998616	92104328	-3.0
Endosulfan I	6.988	6.910	7.050	85108304	77598256	-8.8
Dieldrin	7.247	7.170	7.310	89868240	85292448	-5.1
Endrin	7.468	7.390	7.530	65912552	59179352	-10.2
4,4'-DDD	7.586	7.510	7.650	78545784	64848108	-17.4
4,4'-DDT	7.885	7.810	7.950	54640768	59219372	8.4
Methoxychlor	8.342	8.260	8.400	26598766	27433324	3.1
TCX	4.716	4.660	4.760	87695992	82394712	-6.0
DCB	9.879	9.770	9.970	66195768	56239680	-15.0

EPA Sample No. (INDB3##): INDBCS3BP70016 Date Analyzed: 10/28/2008

Lab Sample No. (INDB3): INDBCS3BP70016 Time Analyzed: 16:01

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	5.586	5.530	5.630	47358856	51234688	8.2
delta-BHC	5.807	5.750	5.850	81895120	97355040	18.9
Aldrin	6.233	6.180	6.280	107941416	112171160	3.9
Heptachlor epoxide	6.624	6.550	6.690	95479200	97501216	2.1
4,4'-DDE	7.087	7.010	7.150	85251184	88146600	3.4
Endosulfan II	7.678	7.600	7.740	74004776	74809208	1.1
Endosulfan sulfate	8.025	7.950	8.090	67675544	65747160	-2.8
Endrin ketone	8.501	8.430	8.570	59333204	55681480	-6.2
Endrin aldehyde	7.801	7.730	7.870	60348916	56965572	-5.6
alpha-Chlordane	6.932	6.860	7.000	89258928	89139192	-0.1
gamma-Chlordane	6.860	6.790	6.930	93430176	95154504	1.8
TCX	4.714	4.660	4.760	84133392	92985696	10.5
DCB	9.875	9.770	9.970	63470380	59859988	-5.7

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70008 Date Analyzed: 10/29/2008

Lab Sample ID (PIBLK): PIBLKP70008 Time Analyzed: 14:42

EPA Sample No. (INDA3##): INDACS3AP70018 Date Analyzed: 10/29/2008

Lab Sample No. (INDA3): INDACS3AP70018 Time Analyzed: 14:56

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	4.428	4.370	4.470	56902836	56608456	-0.5
gamma-BHC (Lindane)	4.709	4.650	4.750	49978036	52486040	5.0
Heptachlor	4.994	4.940	5.040	45311184	41452516	-8.5
Endosulfan I	6.000	5.920	6.060	43884568	44758420	2.0
Dieldrin	6.238	6.160	6.300	50113800	51359516	2.5
Endrin	6.492	6.420	6.560	39848696	38403176	-3.6
4,4'-DDD	6.626	6.550	6.690	38351316	37679448	-1.8
4,4'-DDT	6.859	6.780	6.920	26015632	25165274	-3.3
Methoxychlor	7.409	7.330	7.470	14930867	14061226	-5.8
TCX	3.987	3.930	4.030	40607964	42556196	4.8
DCB	8.661	8.560	8.760	35692020	37378676	4.7

EPA Sample No. (INDB3##): INDBCS3BP70019 Date Analyzed: 10/29/2008

Lab Sample No. (INDB3): INDBCS3BP70019 Time Analyzed: 15:10

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	4.956	4.900	5.000	22223528	23411964	5.3
delta-BHC	5.155	5.100	5.200	37674772	45202700	20.0
Aldrin	5.233	5.180	5.280	53356020	56937660	6.7
Heptachlor epoxide	5.670	5.590	5.730	48746600	50597400	3.8
4,4'-DDE	6.116	6.040	6.180	46387240	47777556	3.0
Endosulfan II	6.760	6.680	6.820	40748396	41874456	2.8
Endosulfan sulfate	7.138	7.060	7.200	29592004	32352546	9.3
Endrin ketone	7.625	7.550	7.690	31613524	32943452	4.2
Endrin aldehyde	6.931	6.850	6.990	31974388	32342486	1.2
alpha-Chlordane	5.947	5.870	6.010	46887956	49834008	6.3
gamma-Chlordane	5.888	5.810	5.950	48467368	51648344	6.6
TCX	3.986	3.930	4.030	39488248	40715468	3.1
DCB	8.659	8.550	8.750	33379770	36714364	10.0

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7K - FORM VII PEST-2
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

EPA Sample No.(PIBLK##): PIBLKP70008 Date Analyzed: 10/29/2008

Lab Sample ID (PIBLK): PIBLKP70007 Time Analyzed: 14:42

EPA Sample No. (INDA3##): INDACS3AP70018 Date Analyzed: 10/29/2008

Lab Sample No. (INDA3): INDACS3AP70018 Time Analyzed: 14:56

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
alpha-BHC	5.114	5.070	5.170	119747224	124576904	4.0
gamma-BHC (Lindane)	5.405	5.360	5.460	106049712	109501152	3.3
Heptachlor	5.920	5.870	5.970	94998616	88999240	-6.3
Endosulfan I	6.982	6.910	7.050	85108304	85967040	1.0
Dieldrin	7.241	7.170	7.310	89868240	94342520	5.0
Endrin	7.462	7.390	7.530	65912552	62807068	-4.7
4,4'-DDD	7.581	7.510	7.650	78545784	73765160	-6.1
4,4'-DDT	7.880	7.810	7.950	54640768	52739804	-3.5
Methoxychlor	8.336	8.260	8.400	26598766	25815850	-2.9
TCX	4.712	4.660	4.760	87695992	87635664	-0.1
DCB	9.871	9.770	9.970	66195768	63130844	-4.6

EPA Sample No. (INDB3##): INDBCS3BP70019 Date Analyzed: 10/29/2008

Lab Sample No. (INDB3): INDBCS3BP70019 Time Analyzed: 15:10

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
beta-BHC	5.582	5.530	5.630	47358856	47860040	1.1
delta-BHC	5.803	5.750	5.850	81895120	96758896	18.1
Aldrin	6.228	6.180	6.280	107941416	111846144	3.6
Heptachlor epoxide	6.620	6.550	6.690	95479200	98633264	3.3
4,4'-DDE	7.083	7.010	7.150	85251184	91444408	7.3
Endosulfan II	7.674	7.600	7.740	74004776	76688048	3.6
Endosulfan sulfate	8.021	7.950	8.090	67675544	68319456	1.0
Endrin ketone	8.497	8.430	8.570	59333204	57057668	-3.8
Endrin aldehyde	7.797	7.730	7.870	60348916	59769140	-1.0
alpha-Chlordane	6.928	6.860	7.000	89258928	91714272	2.8
gamma-Chlordane	6.856	6.790	6.930	93430176	97601800	4.5
TCX	4.711	4.660	4.760	84133392	85386704	1.5
DCB	9.869	9.770	9.970	63470380	61974268	-2.4

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 3.98 DCB: 8.66

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
RSCHKP70001		10/27/2008	14:07	3.98	8.65
PEMP70001		10/27/2008	14:22	3.98	8.65
TOX0500P70001		10/27/2008	14:36	3.98	8.66
TOX1000P70002		10/27/2008	14:51	3.98	8.66
TOX2000P70003		10/27/2008	15:05	3.98	8.65
TOX4000P70004		10/27/2008	15:20	3.98	8.65
TOX8000P70005		10/27/2008	15:34	3.98	8.65
INDACS1AP70001		10/27/2008	15:48	3.98	8.66
INDBCS1BP70002		10/27/2008	16:02	3.98	8.65
INDACS2AP70003		10/27/2008	16:16	3.98	8.65
INDBCS2BP70004		10/27/2008	16:31	3.98	8.65
INDACS3AP70005		10/27/2008	16:46	3.98	8.66
INDBCS3BP70006		10/27/2008	17:00	3.98	8.65
INDACS4AP70007		10/27/2008	17:14	3.98	8.66
INDBCS4BP70008		10/27/2008	17:28	3.98	8.65
INDACS5AP70009		10/27/2008	17:43	3.98	8.66
INDBCS5BP70010		10/27/2008	17:57	3.98	8.65
PIBLKP70001		10/27/2008	18:11	3.98	8.65
PEMP70002		10/27/2008	18:26	3.98	8.65
PIBLKP70002		10/27/2008	23:13	3.98	8.66
INDACS3AP70011		10/27/2008	23:28	3.98	8.66
INDBCS3BP70012		10/27/2008	23:42	3.98	8.66
PB37180BL		10/27/2008	23:56	3.98	8.66
PB37180BS		10/28/2008	00:10	3.98	8.66

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 3.98 DCB: 8.66

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
AOC2-1		10/28/2008	00:25	3.98	8.66
AOC2-2		10/28/2008	00:39	3.98	8.66
AOC2-2DL		10/28/2008	00:53	3.98	8.65
AOC2-3		10/28/2008	01:07	3.98	8.66
AOC5-1		10/28/2008	01:21	3.98	8.66
AOC5-2		10/28/2008	01:35	3.98	8.66
AOC5-3		10/28/2008	01:50	3.98	8.66
AOC5-3MS		10/28/2008	02:18	3.98	8.66
AOC5-3MSD		10/28/2008	02:32	3.98	8.66
DUP		10/28/2008	02:46	3.98	8.66
AOC3-1A		10/28/2008	03:01	3.98	8.66
AOC3-1B		10/28/2008	03:15	3.98	8.66
PIBLKP70003		10/28/2008	03:29	3.98	8.66
PEMP70003		10/28/2008	03:43	3.98	8.66
PIBLKP70005		10/28/2008	09:28	3.98	8.66
PEMP70004		10/28/2008	09:42	3.98	8.66
AOC2-2DL2		10/28/2008	14:50	3.98	8.66
AOC5-3DL		10/28/2008	15:04	3.98	8.66
PIBLKP70006		10/28/2008	15:32	3.98	8.66
INDBCS3BP70016		10/28/2008	16:01	3.98	8.66
INDACS3AP70017		10/28/2008	17:46	3.99	8.66
PIBLKP70007		10/29/2008	11:33	3.98	8.66
PEMP70005		10/29/2008	11:47	3.99	8.66

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR2 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 3.98 DCB: 8.66

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PB37176BL		10/29/2008	12:17	3.99	8.67
PB37176BS		10/29/2008	12:31	3.99	8.66
RB-1		10/29/2008	12:46	3.99	8.66
PIBLKP70008		10/29/2008	14:42	3.99	8.66
INDACS3AP70018		10/29/2008	14:56	3.99	8.66
INDBCS3BP70019		10/29/2008	15:10	3.99	8.66

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 4.71 DCB: 9.87

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
RSCHKP70001		10/27/2008	14:07	4.71	9.87
PEMP70001		10/27/2008	14:22	4.71	9.87
TOX0500P70001		10/27/2008	14:36	4.71	9.87
TOX1000P70002		10/27/2008	14:51	4.71	9.87
TOX2000P70003		10/27/2008	15:05	4.71	9.87
TOX4000P70004		10/27/2008	15:20	4.71	9.87
TOX8000P70005		10/27/2008	15:34	4.71	9.87
INDACS1AP70001		10/27/2008	15:48	4.71	9.87
INDBCS1BP70002		10/27/2008	16:02	4.71	9.87
INDACS2AP70003		10/27/2008	16:16	4.71	9.87
INDBCS2BP70004		10/27/2008	16:31	4.71	9.87
INDACS3AP70005		10/27/2008	16:46	4.71	9.87
INDBCS3BP70006		10/27/2008	17:00	4.71	9.87
INDACS4AP70007		10/27/2008	17:14	4.71	9.87
INDBCS4BP70008		10/27/2008	17:28	4.71	9.87
INDACS5AP70009		10/27/2008	17:43	4.71	9.87
INDBCS5BP70010		10/27/2008	17:57	4.71	9.87
PIBLKP70001		10/27/2008	18:11	4.71	9.87
PEMP70002		10/27/2008	18:26	4.71	9.87
PIBLKP70002		10/27/2008	23:13	4.71	9.87
INDACS3AP70011		10/27/2008	23:28	4.71	9.87
INDBCS3BP70012		10/27/2008	23:42	4.71	9.87
PB37180BL		10/27/2008	23:56	4.71	9.87
PB37180BS		10/28/2008	00:10	4.71	9.87

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 4.71 DCB: 9.87

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
AOC2-1		10/28/2008	00:25	4.71	9.87
AOC2-2		10/28/2008	00:39	4.71	9.87
AOC2-2DL		10/28/2008	00:53	4.71	9.87
AOC2-3		10/28/2008	01:07	4.71	9.87
AOC5-1		10/28/2008	01:21	4.71	9.87
AOC5-2		10/28/2008	01:35	4.71	9.87
AOC5-3		10/28/2008	01:50	4.71	9.87
AOC5-3MS		10/28/2008	02:18	4.71	9.87
AOC5-3MSD		10/28/2008	02:32	4.71	9.87
DUP		10/28/2008	02:46	4.71	9.87
AOC3-1A		10/28/2008	03:01	4.71	9.87
AOC3-1B		10/28/2008	03:15	4.71	9.87
PIBLKP70003		10/28/2008	03:29	4.71	9.87
PEMP70003		10/28/2008	03:43	4.71	9.87
PIBLKP70005		10/28/2008	09:28	4.72	9.88
PEMP70004		10/28/2008	09:42	4.72	9.88
AOC2-2DL2		10/28/2008	14:50	4.72	9.88
AOC5-3DL		10/28/2008	15:04	4.72	9.88
PIBLKP70006		10/28/2008	15:32	4.72	9.88
INDBCS3BP70016		10/28/2008	16:01	4.71	9.88
INDACS3AP70017		10/28/2008	17:46	4.72	9.88
PIBLKP70007		10/29/2008	11:33	4.71	9.87
PEMP70005		10/29/2008	11:47	4.71	9.87

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

GC Column: ZB-MR1 ID: 0.32 (mm) Init. Calib. Date(s): 10/27/2008 10/27/2008

Instrument ID: ECD7

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 4.71 DCB: 9.87

EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
PB37176BL		10/29/2008	12:17	4.72	9.88
PB37176BS		10/29/2008	12:31	4.71	9.87
RB-1		10/29/2008	12:46	4.71	9.87
PIBLKP70008		10/29/2008	14:42	4.71	9.87
INDACS3AP70018		10/29/2008	14:56	4.71	9.87
INDBCS3BP70019		10/29/2008	15:10	4.71	9.87

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: **CHEMTECH** Contract: : Dewberry
Lab Code:CHEM Case No.:Z4920 SDG No.: RB-1
Date of Analysis: 10/27/2008

GC Column (1): ZB-MR2 ID: 0.32 (MM)

COMPOUND	SPIKE ADDED (NG)	SPIKE RECOVERED (NG)	% REC #	QC LIMITS
alpha-BHC	10	10	96	80-120
gamma-BHC(Lindane)	10	10	99	80-120
Heptachlor	10	10	96	80-120
Endosulfan I	10	10	98	80-120
Dieldrin	20	20	101	80-120
Endrin	20	20	101	80-120
4,4'-DDD	20	20	99	80-120
4,4'-DDT	20	17	85	80-120
Methoxychlor	100	101	101	80-120
Tetrachloro-m-xylene	10	10	103	80-120
Decachlorobiphenyl	20	22	108	80-120
2,4,5-Trichlorophenol	50	0	0	<5

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES,
LABORATORY CONTROL SAMPLES, AND BLANKS:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB37180BL	PB37180BL	10/28/2008	10/28/2008
PB37180BS	PB37180BS	10/28/2008	10/28/2008
AOC2-1	Z4920-03	10/28/2008	10/28/2008
AOC2-2	Z4920-04	10/28/2008	10/28/2008
AOC2-2DL	Z4920-04DL	10/28/2008	10/28/2008
AOC2-3	Z4920-05	10/28/2008	10/28/2008
AOC5-1	Z4920-06	10/28/2008	10/28/2008
AOC5-2	Z4920-07	10/28/2008	10/28/2008
AOC5-3	Z4920-08	10/28/2008	10/28/2008
AOC5-3MS	Z4920-09MS	10/28/2008	10/28/2008
AOC5-3MSD	Z4920-10MSD	10/28/2008	10/28/2008
DUP	Z4920-11	10/28/2008	10/28/2008
AOC3-1A	Z4920-12	10/28/2008	10/28/2008
AOC3-1B	Z4920-13	10/28/2008	10/28/2008
AOC2-2DL2	Z4920-04DL2	10/28/2008	10/28/2008
AOC5-3DL	Z4920-08DL	10/28/2008	10/28/2008

9B

PESTICIDE GPC CALIBRATION

Lab Name: CHEMTECH Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 SDG No.: RB-1

GPC Column: GPCC100030806 Calibration Date: 10/8/2008

GC Column(1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS REC.
gamma-BHC (Lindane)	50	41.08	82.2	80-110
Heptachlor--------	50	42.19	84.4	80-110
Aldrin----------	50	40.54	81.1	80-110
Dieldrin----------	100	81.18	81.2	80-110
Endrine----------	100	85.92	85.9	80-110
4, 4' - DDT-------	100	96.81	96.8	80-110

Column to be used to flag recovery values with an astrisk
* Values outside of QC limits

THIS GPC CALIBRATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED1	DATE ANALYZED2
PB37180BL	PB37180BL	10/28/2008	10/28/2008
PB37180BS	PB37180BS	10/28/2008	10/28/2008
AOC2-1	Z4920-03	10/28/2008	10/28/2008
AOC2-2	Z4920-04	10/28/2008	10/28/2008
AOC2-2DL	Z4920-04DL	10/28/2008	10/28/2008
AOC2-3	Z4920-05	10/28/2008	10/28/2008
AOC5-1	Z4920-06	10/28/2008	10/28/2008
AOC5-2	Z4920-07	10/28/2008	10/28/2008
AOC5-3	Z4920-08	10/28/2008	10/28/2008
AOC5-3MS	Z4920-09MS	10/28/2008	10/28/2008
AOC5-3MSD	Z4920-10MSD	10/28/2008	10/28/2008
DUP	Z4920-11	10/28/2008	10/28/2008
AOC3-1A	Z4920-12	10/28/2008	10/28/2008
AOC3-1B	Z4920-13	10/28/2008	10/28/2008
AOC2-2DL2	Z4920-04DL2	10/28/2008	10/28/2008
AOC5-3DL	Z4920-08DL	10/28/2008	10/28/2008

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC2-2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-04 Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor epoxide	1	5.66	5.59	5.73	9.3	
	2	6.62	6.55	6.69	12	29.0
4,4'-DDE	1	6.11	6.04	6.18	210	
	2	7.08	7.01	7.15	160	31.3
Endrin	1	6.49	6.42	6.56	67	
	2	7.48	7.39	7.53	70	4.5
4,4'-DDD	1	6.61	6.55	6.69	28	
	2	7.58	7.51	7.65	30	7.1
4,4'-DDT	1	6.85	6.78	6.92	480	
	2	7.88	7.81	7.95	380	26.3
alpha-Chlordane	1	5.94	5.87	6.01	77	
	2	6.93	6.86	7.00	82	6.5
gamma-Chlordane	1	5.88	5.81	5.95	61	
	2	6.86	6.79	6.93	69	13.1

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC2-2DL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-04DL Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor epoxide	1	5.66	5.59	5.73	18	
	2	6.62	6.55	6.69	18	0.0
4,4'-DDE	1	6.11	6.04	6.18	290	
	2	7.09	7.01	7.15	300	3.4
Endrin	1	6.49	6.42	6.56	67	
	2	7.48	7.39	7.53	81	20.9
4,4'-DDD	1	6.62	6.55	6.69	67	
	2	7.58	7.51	7.65	56	19.6
4,4'-DDT	1	6.85	6.78	6.92	820	
	2	7.88	7.81	7.95	660	24.2
alpha-Chlordane	1	5.94	5.87	6.01	82	
	2	6.93	6.86	7.00	97	18.3
gamma-Chlordane	1	5.88	5.81	5.95	94	
	2	6.86	6.79	6.93	72	30.6

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC2-2DL2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-04DL2 Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor epoxide	1	5.66	5.59	5.73	14	
	2	6.62	6.55	6.69	16	14.3
4,4'-DDE	1	6.11	6.04	6.18	320	
	2	7.09	7.01	7.15	250	28.0
Endrin	1	6.49	6.42	6.56	65	
	2	7.48	7.39	7.53	48	35.4
4,4'-DDD	1	6.62	6.55	6.69	39	
	2	7.58	7.51	7.65	26	50.0
4,4'-DDT	1	6.85	6.78	6.92	820	
	2	7.88	7.81	7.95	610	34.4
alpha-Chlordane	1	5.94	5.87	6.01	86	
	2	6.93	6.86	7.00	80	7.5
gamma-Chlordane	1	5.88	5.81	5.95	66	
	2	6.86	6.79	6.93	55	20.0

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC2-3

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-05 Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	6.11	6.04	6.18	14	
	2	7.09	7.01	7.15	14	0.0
4,4'-DDT	1	6.85	6.78	6.92	35	
	2	7.88	7.81	7.95	30	16.7

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC5-1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-06 Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	6.62	6.55	6.69	4.7	
	2	7.58	7.51	7.65	4.7	0.0

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC5-3

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-08 Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	6.11	6.04	6.18	39	
	2	7.09	7.01	7.15	38	2.6
4,4'-DDD	1	6.62	6.55	6.69	24	
	2	7.58	7.51	7.65	23	4.3
4,4'-DDT	1	6.85	6.78	6.92	180	
	2	7.88	7.81	7.95	170	5.9
alpha-Chlordane	1	5.94	5.87	6.01	10	
	2	6.93	6.86	7.00	11	10.0
gamma-Chlordane	1	5.88	5.81	5.95	9.7	
	2	6.86	6.79	6.93	13	34.0

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC5-3DL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-08DL Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	6.11	6.04	6.18	48	
	2	7.09	7.01	7.15	43	11.6
4,4'-DDD	1	6.62	6.55	6.69	23	
	2	7.58	7.51	7.65	23	0.0
4,4'-DDT	1	6.85	6.78	6.92	250	
	2	7.88	7.81	7.95	170	47.1
alpha-Chlordane	1	5.94	5.87	6.01	11	
	2	6.93	6.86	7.00	12	9.1
gamma-Chlordane	1	5.88	5.81	5.95	11	
	2	6.86	6.79	6.93	12	9.1

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

PB37176BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: PB37176BS Date(s) Analyzed: 10/29/2008 10/29/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	4.71	4.65	4.75	0.55	
	2	5.41	5.36	5.46	0.52	5.8
Heptachlor epoxide	1	5.67	5.59	5.73	0.51	
	2	6.62	6.55	6.69	0.49	4.1
Dieldrin	1	6.24	6.16	6.30	1.0	
	2	7.24	7.17	7.31	1.1	10.0
4,4'-DDE	1	6.12	6.04	6.18	1.1	
	2	7.09	7.01	7.15	1.1	0.0
Endrin	1	6.49	6.42	6.56	1.1	
	2	7.46	7.39	7.53	1.1	0.0
Endosulfan sulfate	1	7.14	7.06	7.20	0.92	
	2	8.02	7.95	8.09	0.74	24.3
gamma-Chlordane	1	5.89	5.81	5.95	0.56	
	2	6.86	6.79	6.93	0.52	7.7

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

PB37180BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: PB37180BS Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column: (1) ZB-MR2 ID: 0.32 (mm) GC Column: (2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	4.70	4.65	4.75	19	
	2	5.41	5.36	5.46	19	0.0
Heptachlor epoxide	1	5.66	5.59	5.73	18	
	2	6.62	6.55	6.69	18	0.0
Dieldrin	1	6.23	6.16	6.30	37	
	2	7.24	7.17	7.31	37	0.0
4,4'-DDE	1	6.11	6.04	6.18	38	
	2	7.09	7.01	7.15	38	0.0
Endrin	1	6.49	6.42	6.56	41	
	2	7.46	7.39	7.53	41	0.0
Endosulfan sulfate	1	7.13	7.06	7.20	29	
	2	8.02	7.95	8.09	24	20.8
gamma-Chlordane	1	5.88	5.81	5.95	19	
	2	6.86	6.79	6.93	18	5.6

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC5-3MS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-09MS Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	4.70	4.65	4.75	22	
	2	5.41	5.36	5.46	21	4.8
Heptachlor	1	4.99	4.94	5.04	22	
	2	5.92	5.87	5.97	17	29.4
Aldrin	1	5.23	5.18	5.28	20	
	2	6.23	6.18	6.28	18	11.1
Dieldrin	1	6.23	6.16	6.30	45	
	2	7.24	7.17	7.31	36	25.0
4,4'-DDE	1	6.11	6.04	6.18	41	
	2	7.09	7.01	7.15	38	7.9
Endrin	1	6.49	6.42	6.56	62	
	2	7.46	7.39	7.53	35	77.1
4,4'-DDD	1	6.62	6.55	6.69	20	
	2	7.58	7.51	7.65	20	0.0
4,4'-DDT	1	6.85	6.78	6.92	180	
	2	7.88	7.81	7.95	160	12.5
alpha-Chlordane	1	5.94	5.87	6.01	5.0	
	2	6.93	6.86	7.00	6.9	38.0
gamma-Chlordane	1	5.88	5.81	5.95	4.3	
	2	6.86	6.79	6.93	8.9	107.0

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

AOC5-3MSD

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Lab Sample ID: Z4920-10MSD Date(s) Analyzed: 10/28/2008 10/28/2008

Instrument ID (1): ECD7 Instrument ID (2): ECD7

GC Column:(1) ZB-MR2 ID: 0.32 (mm) GC Column:(2) ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	4.70	4.65	4.75	21	
	2	5.41	5.36	5.46	21	0.0
Heptachlor	1	4.99	4.94	5.04	22	
	2	5.92	5.87	5.97	19	15.8
Aldrin	1	5.23	5.18	5.28	19	
	2	6.23	6.18	6.28	17	11.8
Dieldrin	1	6.23	6.16	6.30	43	
	2	7.24	7.17	7.31	39	10.3
4,4'-DDE	1	6.11	6.04	6.18	28	
	2	7.08	7.01	7.15	48	71.4
Endrin	1	6.49	6.42	6.56	56	
	2	7.46	7.39	7.53	44	27.3
4,4'-DDD	1	6.62	6.55	6.69	22	
	2	7.58	7.51	7.65	20	10.0
4,4'-DDT	1	6.85	6.78	6.92	160	
	2	7.89	7.81	7.95	150	6.7
alpha-Chlordane	1	5.94	5.87	6.01	3.7	
	2	6.93	6.86	7.00	4.1	10.8
gamma-Chlordane	1	5.88	5.81	5.95	2.9	
	2	6.86	6.79	6.93	5.8	100.0

Response Factor Report ECD7

Method Path : I:\HPCHEM1\Ecd_7\Method\
Method File : P7102708.M
Title : GC Extractables
Last Update : Mon Oct 27 18:10:44 2008
Response Via : Initial Calibration

Calibration Files
3 =P7028592.D 1 =P7028588.D 2 =P7028590.D
4 =P7028594.D 5 =P7028596.D

		Compound	3	1	2	4	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	4.081	4.023	4.048	4.018	4.133	4.061	E7	1.17
2)	A	alpha-BHC	5.723	5.313	5.489	5.787	6.139	5.690	E7	5.52
3)	MA	gamma-BHC (Lindane)	5.013	4.696	4.775	5.096	5.409	4.998	E7	5.65
4)	MA	Heptachlor	4.520	4.296	4.372	4.603	4.865	4.531	E7	4.90
5)	MB	Aldrin	5.333	5.168	5.137	5.405	5.634	5.336	E7	3.76
6)	B	beta-BHC	2.222	2.216	2.084	2.257	2.333	2.222	E7	4.06
7)	B	delta-BHC	3.693	3.601	3.529	3.830	4.185	3.767	E7	6.87
8)	B	Heptachlor epoxide	4.859	4.778	4.754	4.892	5.090	4.875	E7	2.73
9)	A	Endosulfan I	4.432	4.183	4.312	4.452	4.564	4.388	E7	3.31
10)	B	gamma-Chlordane	4.834	4.661	4.654	4.908	5.176	4.847	E7	4.42
11)	B	alpha-Chlordane	4.676	4.592	4.544	4.703	4.929	4.689	E7	3.17
12)	B	4,4'-DDE	4.632	4.529	4.455	4.713	4.865	4.639	E7	3.45
13)	MA	Dieldrin	5.088	4.781	5.038	5.031	5.120	5.011	E7	2.67
14)	MA	Endrin	3.997	3.870	3.955	4.028	4.075	3.985	E7	1.95
15)	B	Endosulfan II	4.103	3.912	4.000	4.136	4.223	4.075	E7	2.97
16)	A	4,4'-DDD	4.030	3.426	3.695	3.899	4.126	3.835	E7	7.31
17)	MA	4,4'-DDT	2.670	1.705	2.189	3.003	3.442	2.602	E7	26.11
18)	B	Endrin aldehyde	3.198	3.116	3.105	3.211	3.358	3.197	E7	3.17
19)	B	Endosulfan Sulfate	2.932	2.760	2.810	3.055	3.239	2.959	E7	6.55
20)	A	Methoxychlor	1.527	1.423	1.482	1.510	1.524	1.493	E7	2.90
21)	B	Endrin ketone	3.232	2.700	2.955	3.366	3.553	3.161	E7	10.68
22)	SA	Decachlorobiphenyl	3.518	3.591	3.584	3.547	3.607	3.569	E7	1.02

Signal #2 Calibration Files
3 =P7028592.D 1 =P7028588.D 2 =P7028590.D
4 =P7028594.D 5 =P7028596.D

		Compound	3	1	2	4	5	Avg		%RSD
1)	SA	Tetrachloro-m-xylene	8.971	8.673	8.595	8.788	8.821	8.770	E7	1.65
2)	A	alpha-BHC	1.198	1.146	1.167	1.212	1.265	1.197	E8	3.80
3)	MA	gamma-BHC (Lindane)	1.067	1.011	1.031	1.070	1.124	1.060	E8	4.06
4)	MA	Heptachlor	9.404	9.525	9.344	9.474	9.751	9.500	E7	1.65
5)	MB	Aldrin	1.076	1.086	1.060	1.075	1.100	1.079	E8	1.39
6)	B	beta-BHC	4.672	4.810	4.631	4.671	4.896	4.736	E7	2.37
7)	B	delta-BHC	8.084	7.903	7.822	8.268	8.870	8.190	E7	5.10
8)	B	Heptachlor epoxide	9.507	9.736	9.390	9.459	9.647	9.548	E7	1.48
9)	A	Endosulfan I	8.594	8.484	8.466	8.419	8.591	8.511	E7	0.92
10)	B	gamma-Chlordane	9.312	9.139	9.085	9.409	9.770	9.343	E7	2.91
11)	B	alpha-Chlordane	8.852	8.926	8.719	8.917	9.214	8.926	E7	2.03
12)	B	4,4'-DDE	8.980	8.877	8.771	9.040	6.958	8.525	E7	10.34
13)	MA	Dieldrin	9.540	9.375	9.452	9.380	7.188	8.987	E7	11.22
14)	MA	Endrin	6.727	6.195	6.533	6.692	6.810	6.591	E7	3.69
15)	B	Endosulfan II	7.699	6.969	7.095	7.446	7.792	7.400	E7	4.89
16)	A	4,4'-DDD	7.792	8.248	7.819	7.648	7.765	7.855	E7	2.92
17)	MA	4,4'-DDT	5.492	4.455	4.893	5.943	6.537	5.464	E7	15.11
18)	B	Endrin aldehyde	6.036	5.985	5.893	6.059	6.202	6.035	E7	1.87
19)	B	Endosulfan Sulfate	6.684	6.768	6.543	6.826	7.016	6.768	E7	2.59
20)	A	Methoxychlor	2.806	2.718	2.769	2.742	2.263	2.660	E7	8.43
21)	B	Endrin ketone	5.893	5.887	5.613	6.034	6.239	5.933	E7	3.86
22)	SA	Decachlorobiphenyl	6.535	6.850	6.595	6.456	6.663	6.620	E7	2.26

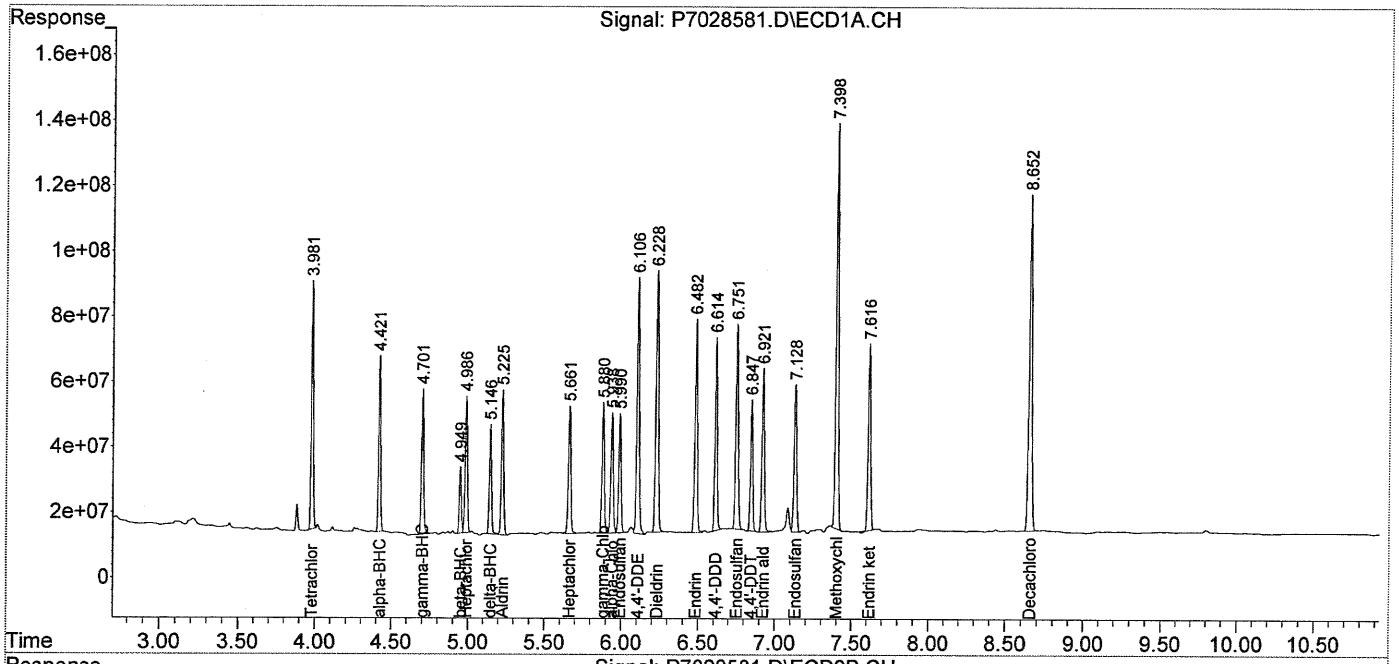
(#) = Out of Range

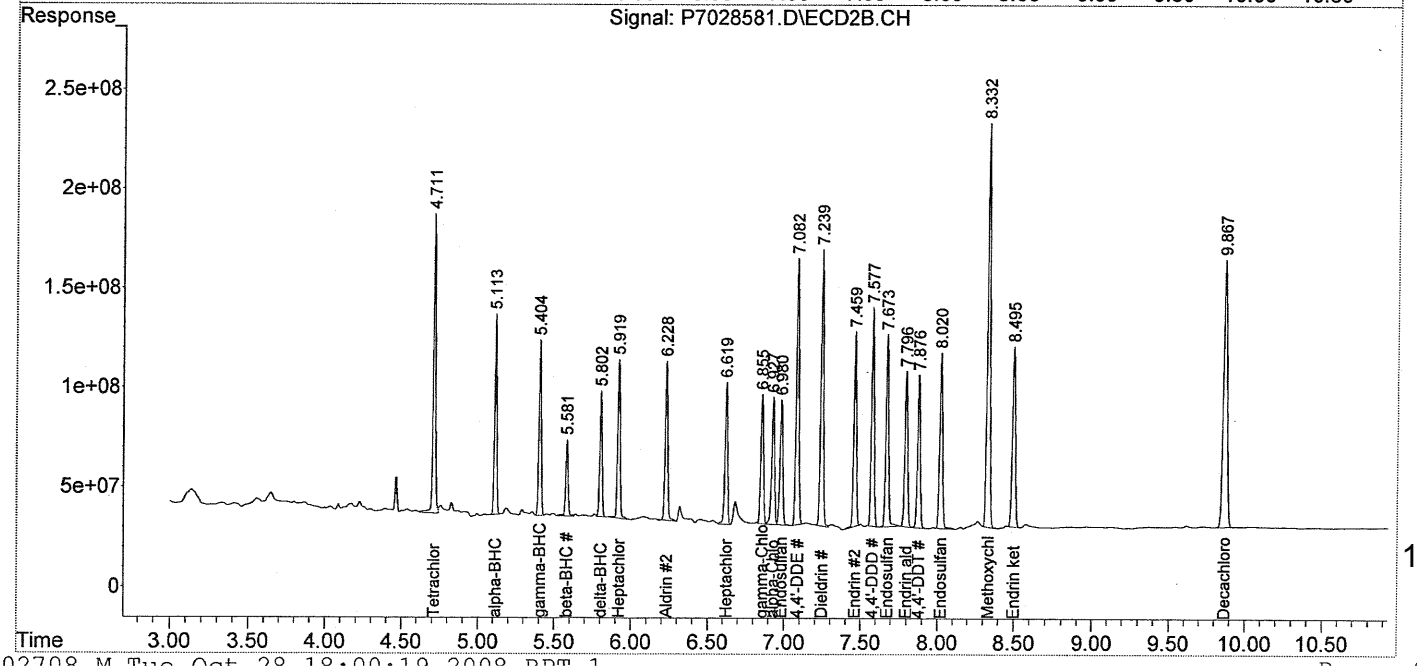
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:07
Operator : JJ
Sample : RSCHKP70001
Misc : RESC01
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:29:30 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:07
Operator : JJ
Sample : RSCHKP70001
Misc : RESC01
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:29:30 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.712	692.8E6	1598.2E6	17.062	18.224
22)	SA	Decachlor...	8.653	9.868	1256.2E6	2283.5E6	35.197	34.496
Target Compounds								
2)	A	alpha-BHC	4.422	5.114	500.3E6	995.2E6	8.791	8.311
3)	MA	gamma-BHC...	4.702	5.406	436.4E6	920.7E6	8.731	8.682
4)	MA	Heptachlor	4.987	5.920	415.0E6	907.1E6	9.160	9.548
5)	MB	Aldrin	5.227	6.230	454.3E6	933.2E6	8.514	8.645
6)	B	beta-BHC	4.950	5.582	189.2E6	422.0E6	8.516	8.910
7)	B	delta-BHC	5.148	5.804	323.8E6	667.7E6	8.594	8.153
8)	B	Heptachlo...	5.663	6.620	429.5E6	833.9E6	8.812	8.733
9)	A	Endosulfan I	5.991	6.982	388.5E6	767.4E6	8.854	9.017
10)	B	gamma-Chl...	5.881	6.856	423.1E6	765.7E6	8.730	8.196
11)	B	alpha-Chl...	5.939	6.928	403.5E6	787.1E6	8.606	8.818
12)	B	4,4'-DDE	6.107	7.083	856.2E6	1579.7E6	18.457	18.529
13)	MA	Dieldrin	6.230	7.241	886.4E6	1667.6E6	17.688	18.556
14)	MA	Endrin	6.483	7.461	730.6E6	1181.0E6	18.336	17.918
15)	B	Endosulfa...	6.752	7.674	712.9E6	1183.3E6	17.496	15.989
16)	A	4,4'-DDD	6.615	7.578	657.7E6	1334.0E6	17.150	16.984
17)	MA	4,4'-DDT	6.848	7.878	425.7E6	923.7E6	16.363	16.904
18)	B	Endrin al...	6.923	7.797	575.6E6	968.6E6	18.003	16.050
19)	B	Endosulfa...	7.130	8.021	520.1E6	1118.4E6	17.577	16.526
20)	A	Methoxychlor	7.400	8.334	1417.1E6	2561.2E6	94.912	96.290
21)	B	Endrin ke...	7.617	8.497	631.7E6	1160.8E6	19.983	19.565

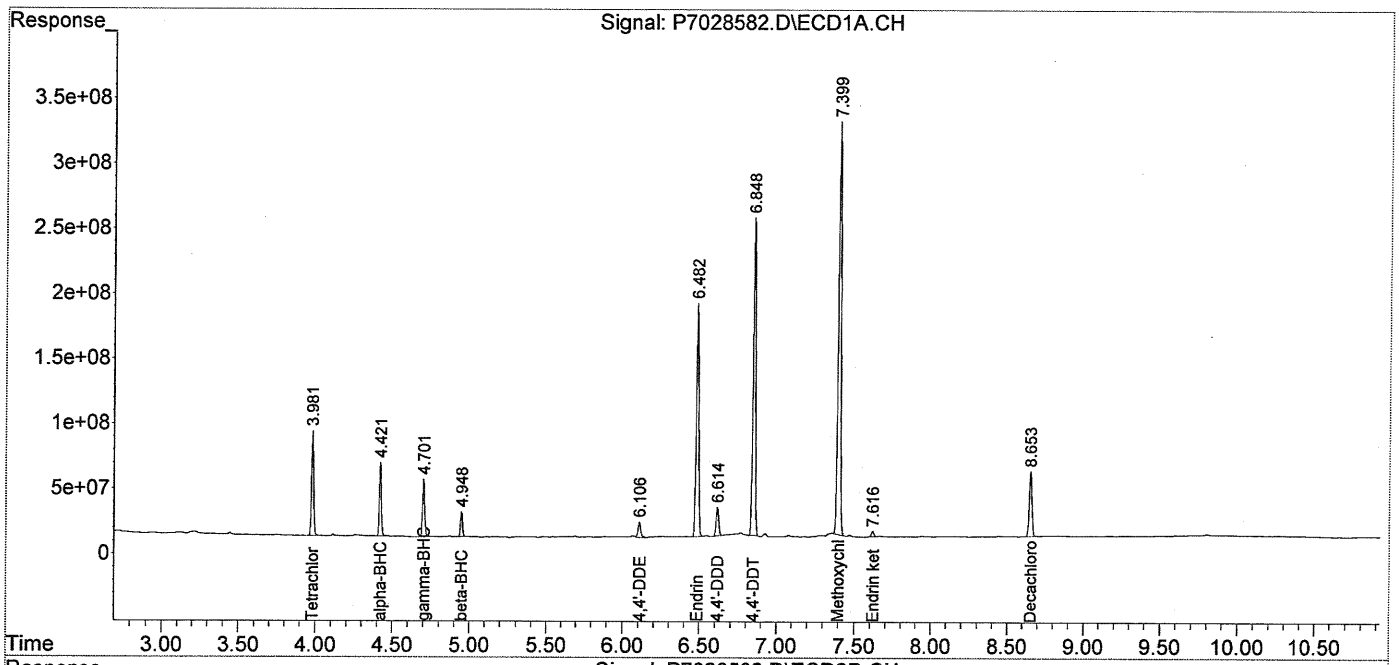
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

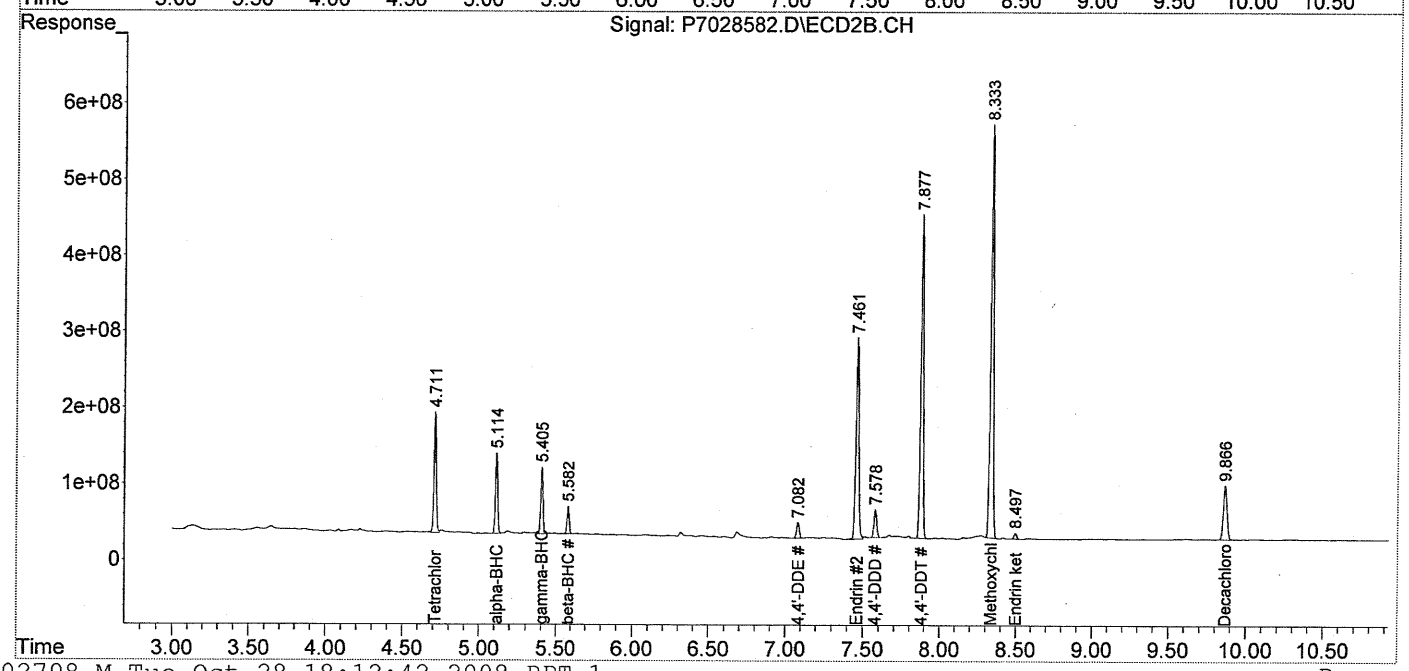
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:22
Operator : JJ
Sample : PEMP70001
Misc : PEM01
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:12:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028582.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:22
Operator : JJ
Sample : PEMP70001
Misc : PEM01
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:12:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.712	727.4E6	1604.9E6	17.912	18.300
22)	SA	Decachlor...	8.654	9.868	617.1E6	1152.9E6	17.290	17.416
Target Compounds								
2)	A	alpha-BHC	4.423	5.115	526.2E6	1052.7E6	9.247	8.791
3)	MA	gamma-BHC...	4.702	5.406	417.7E6	910.1E6	8.357	8.582
6)	B	beta-BHC	4.950	5.583	181.3E6	395.1E6	8.158	8.343
12)	B	4,4'-DDE	6.107	7.084	153.2E6	239.5E6	3.302	2.809
14)	MA	Endrin	6.484	7.462	2016.7E6	3371.4E6	50.608	51.150
16)	A	4,4'-DDD	6.615	7.579	235.4E6	442.5E6	6.139	5.634
17)	MA	4,4'-DDT	6.849	7.879	2611.3E6	5059.1E6	100.374	92.588
20)	A	Methoxychlor	7.400	8.335	3715.3E6	6738.1E6	248.835	253.325
21)	B	Endrin ke...	7.617	8.498	43803680	99024658	1.386	1.669

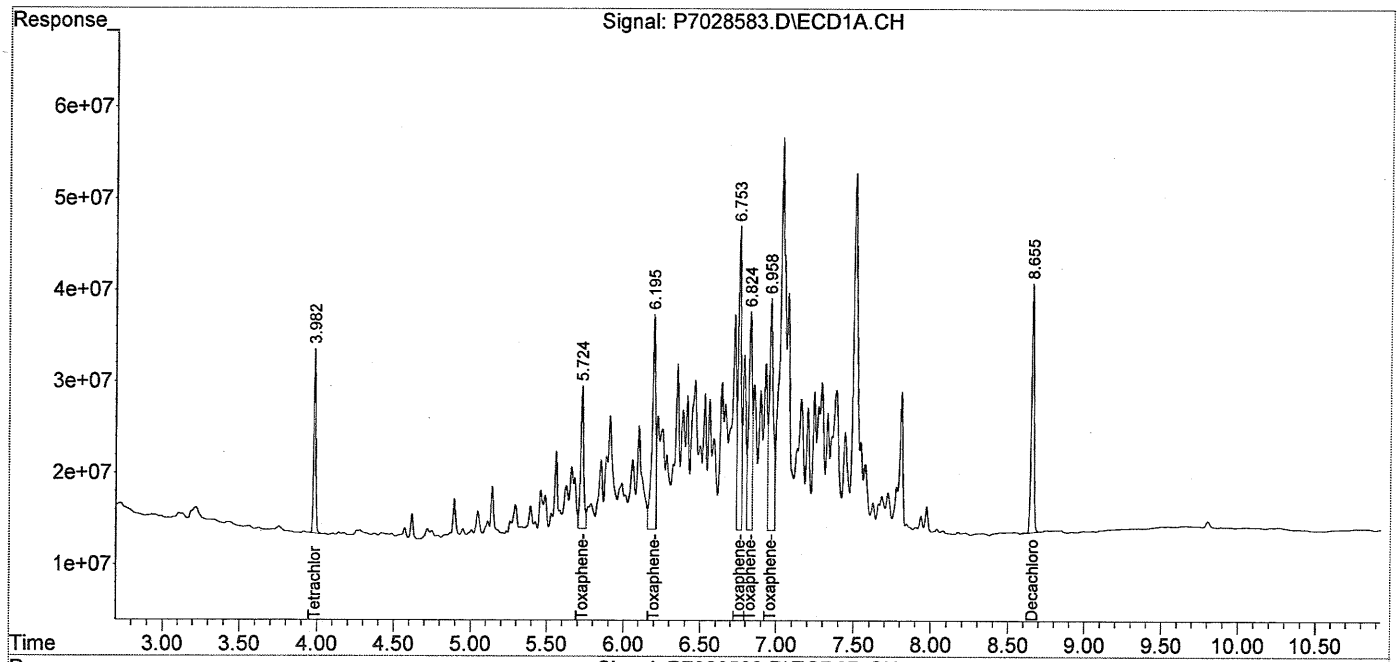
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

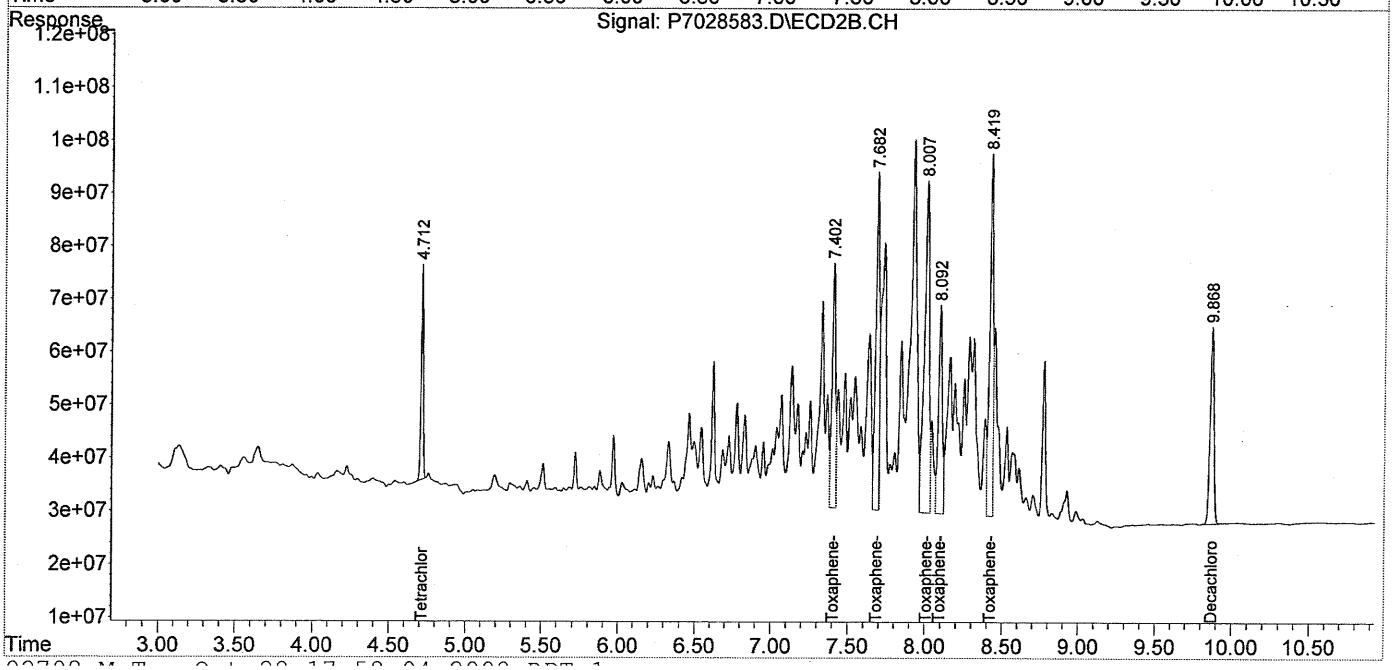
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028583.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:36
Operator : JJ
Sample : TOX0500P70001
Misc : TOXAPH101
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:42:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:42:09 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028583.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:36
Operator : JJ
Sample : TOX0500P70001
Misc : TOXAPH101
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:42:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:42:09 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.983	4.713	190.4E6	403.9E6	4.903	4.973
7) SA	Decachlor...	8.656	9.869	335.2E6	631.4E6	10.251	10.374
	Target Compounds						
2)	Toxaphene-1	5.726	7.404	207.4E6	704.7E6	500.338	425.626
3)	Toxaphene-2	6.196	7.683	367.0E6	1008.4E6	500.311	421.789
4)	Toxaphene-3	6.754	8.008	428.0E6	1409.6E6	430.722	439.784
5)	Toxaphene-4	6.825	8.094	376.4E6	677.9E6	441.360	408.712
6)	Toxaphene-5	6.960	8.420	446.4E6	1074.3E6	479.008	391.563

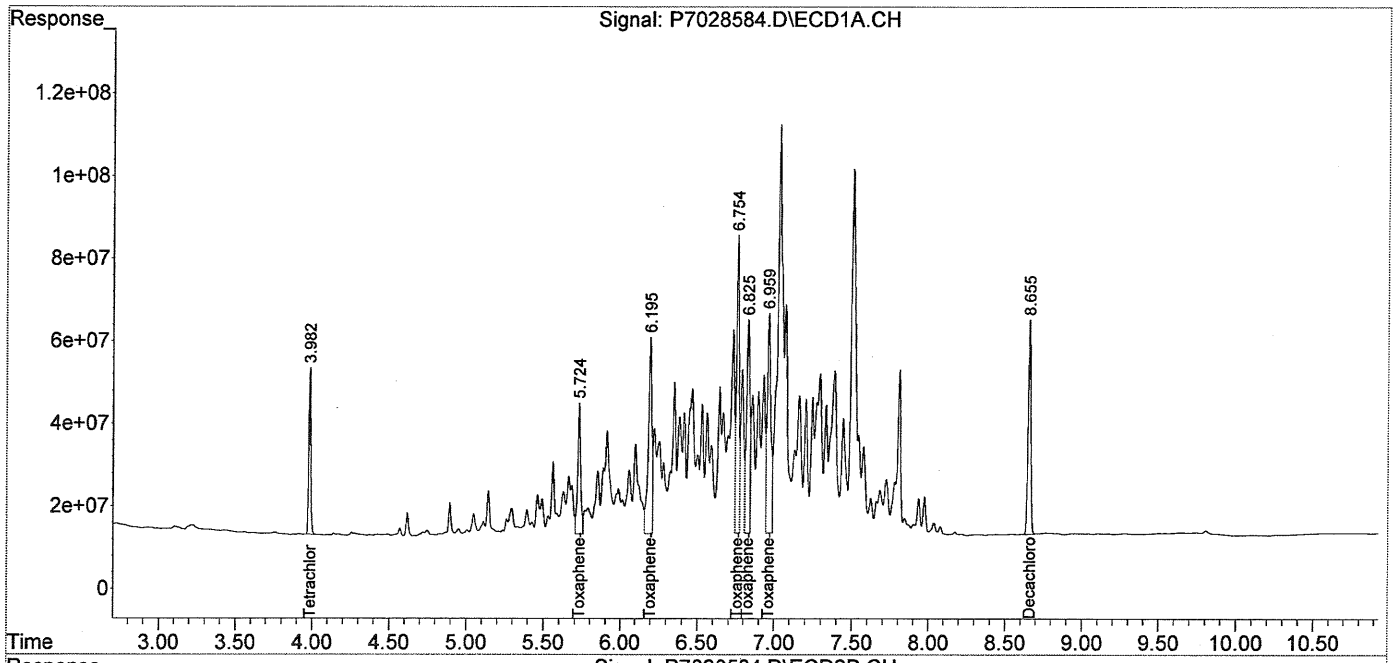
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

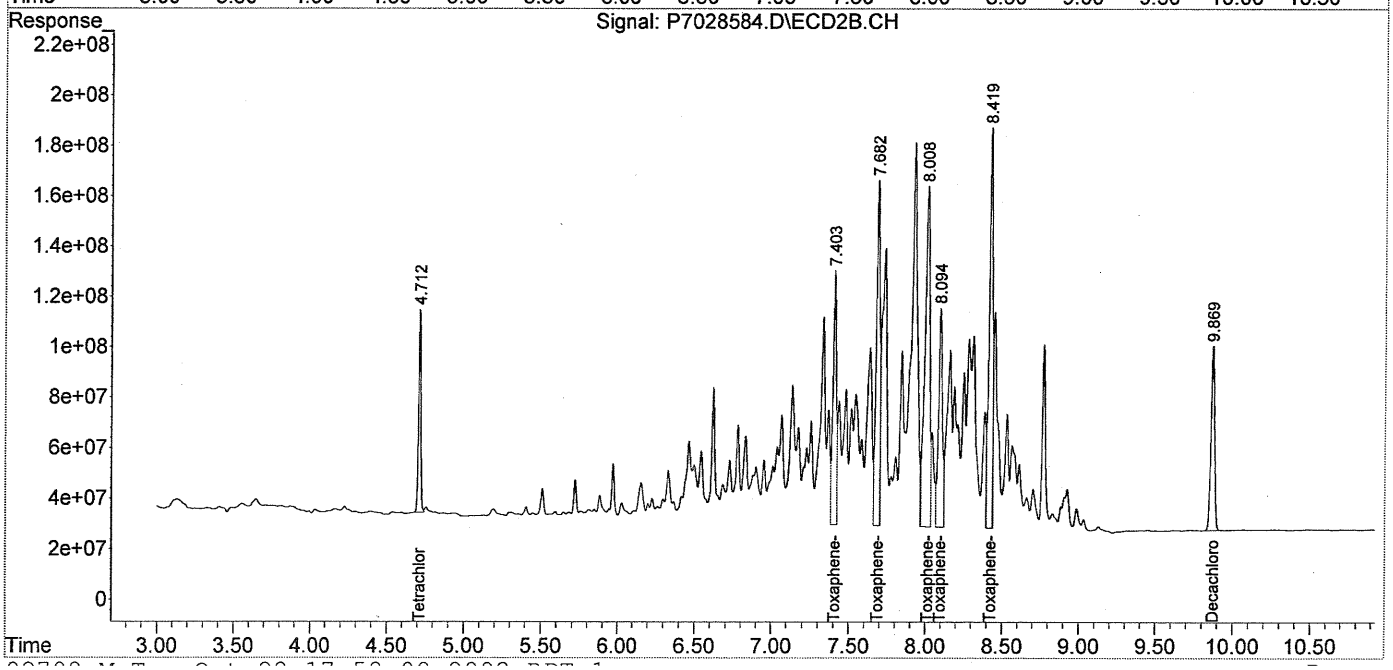
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028584.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:51
Operator : JJ
Sample : TOX1000P70002
Misc : TOXAPH201
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:42:00 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:41:43 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028584.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 14:51
Operator : JJ
Sample : TOX1000P70002
Misc : TOXAPH201
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:42:00 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:41:43 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.983	4.713	382.2E6	813.1E6	9.788	10.014
7) SA	Decachlor...	8.656	9.870	657.2E6	1225.2E6	20.127	20.171
	Target Compounds						
2)	Toxaphene-1	5.726	7.404	441.8E6	1561.4E6	1089.640	925.590
3)	Toxaphene-2	6.196	7.683	751.0E6	2212.5E6	1032.005	902.969
4)	Toxaphene-3	6.755	8.010	928.8E6	3105.5E6	914.936	958.939
5)	Toxaphene-4	6.826	8.095	810.9E6	1526.0E6	935.563	896.063
6)	Toxaphene-5	6.961	8.421	923.6E6	2496.0E6	988.132	883.144

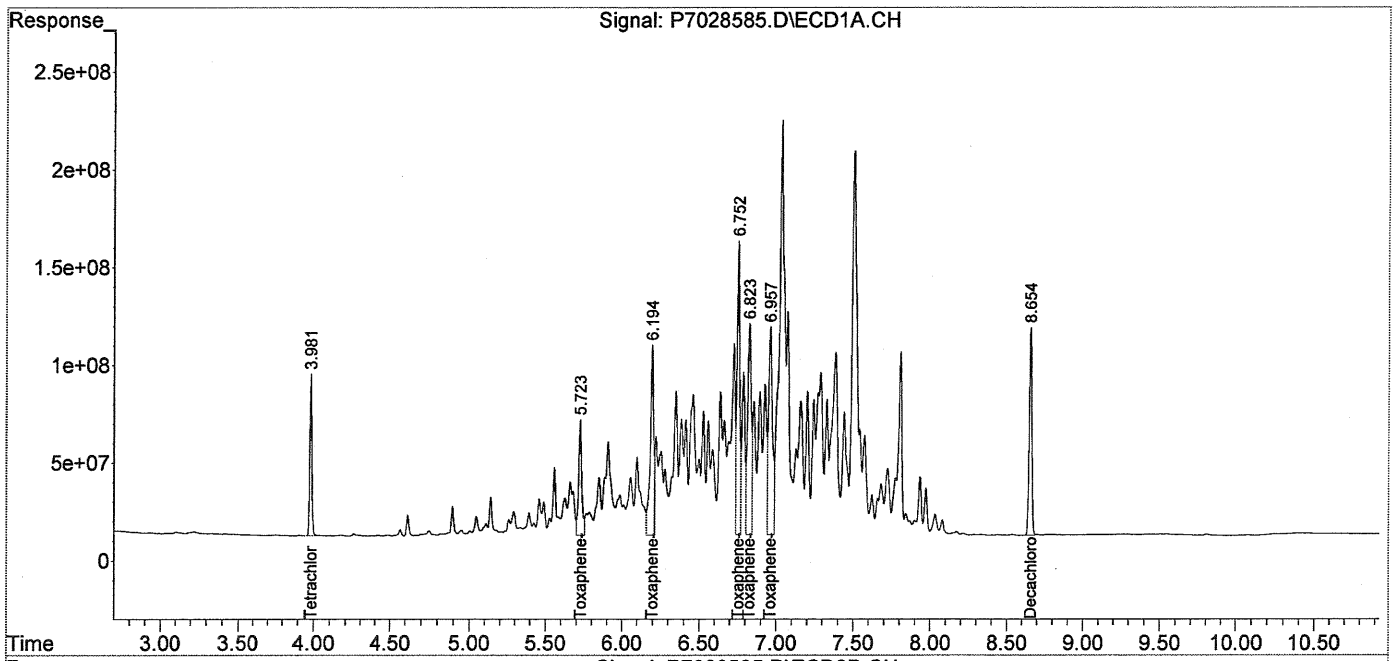
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

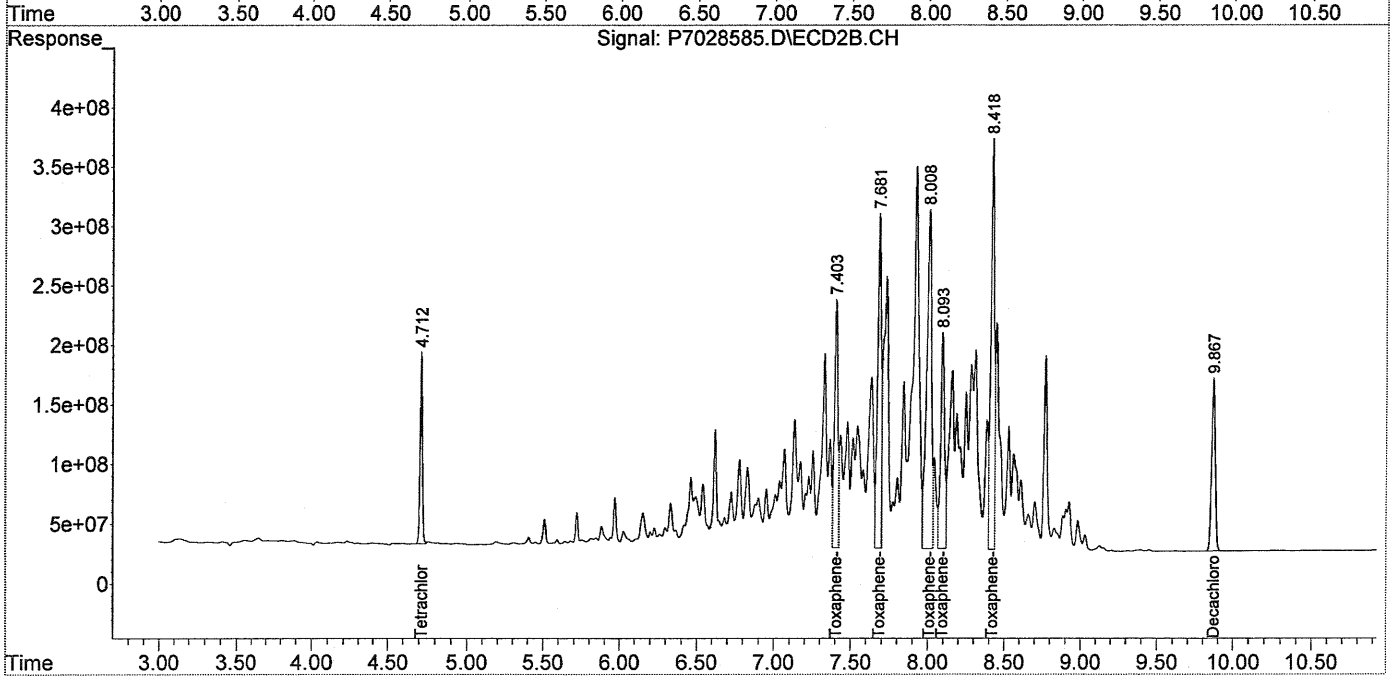
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028585.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:05
Operator : JJ
Sample : TOX2000P70003
Misc : TOXAPH301
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:40:16 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:40:10 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028585.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:05
Operator : JJ
Sample : TOX2000P70003
Misc : TOXAPH301
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:40:16 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:40:10 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.982	4.713	763.4E6	1609.8E6	20.000	20.000
7) SA	Decachlor...	8.655	9.869	1306.2E6	2407.3E6	40.000	40.000
	Target Compounds						
2)	Toxaphene-1	5.725	7.404	857.2E6	3271.6E6	2000.000	2000.000
3)	Toxaphene-2	6.195	7.683	1477.4E6	4585.5E6	2000.000	2000.000
4)	Toxaphene-3	6.754	8.009	1940.8E6	6460.8E6	2000.000	2000.000
5)	Toxaphene-4	6.824	8.095	1682.4E6	3215.6E6	2000.000	2000.000
6)	Toxaphene-5	6.959	8.420	1852.5E6	5387.5E6	2000.000	2000.000

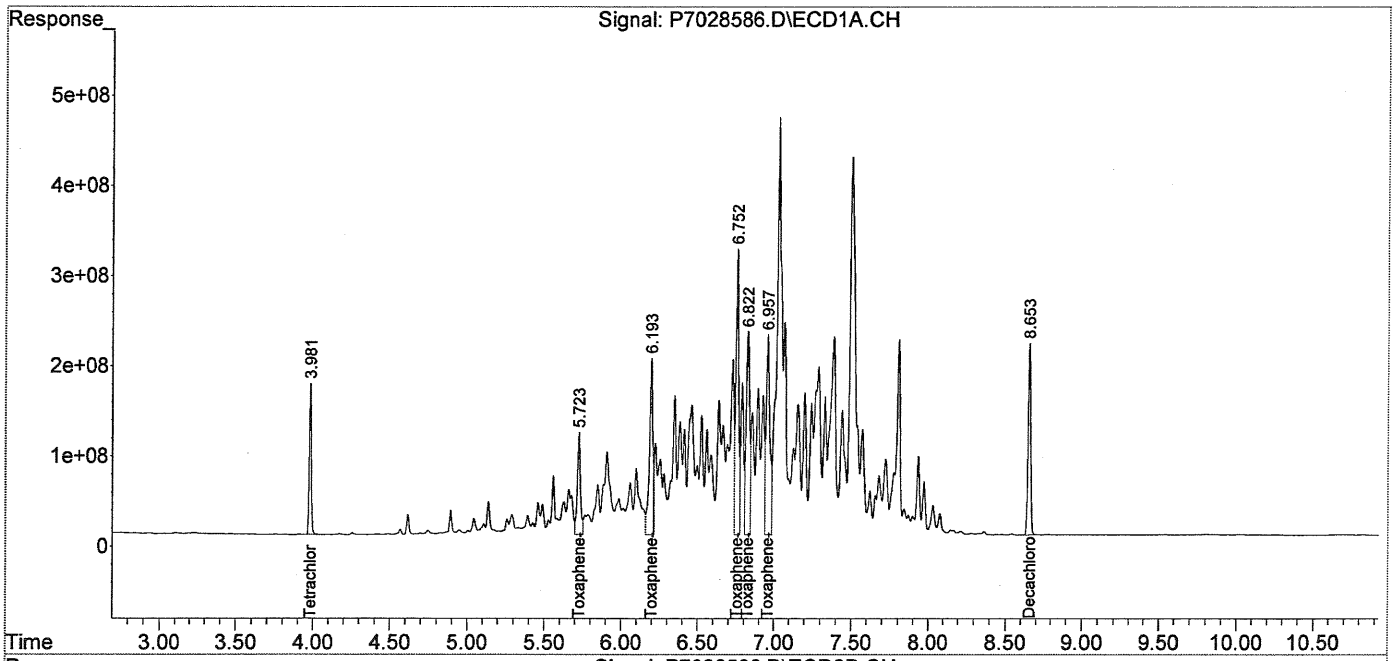
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

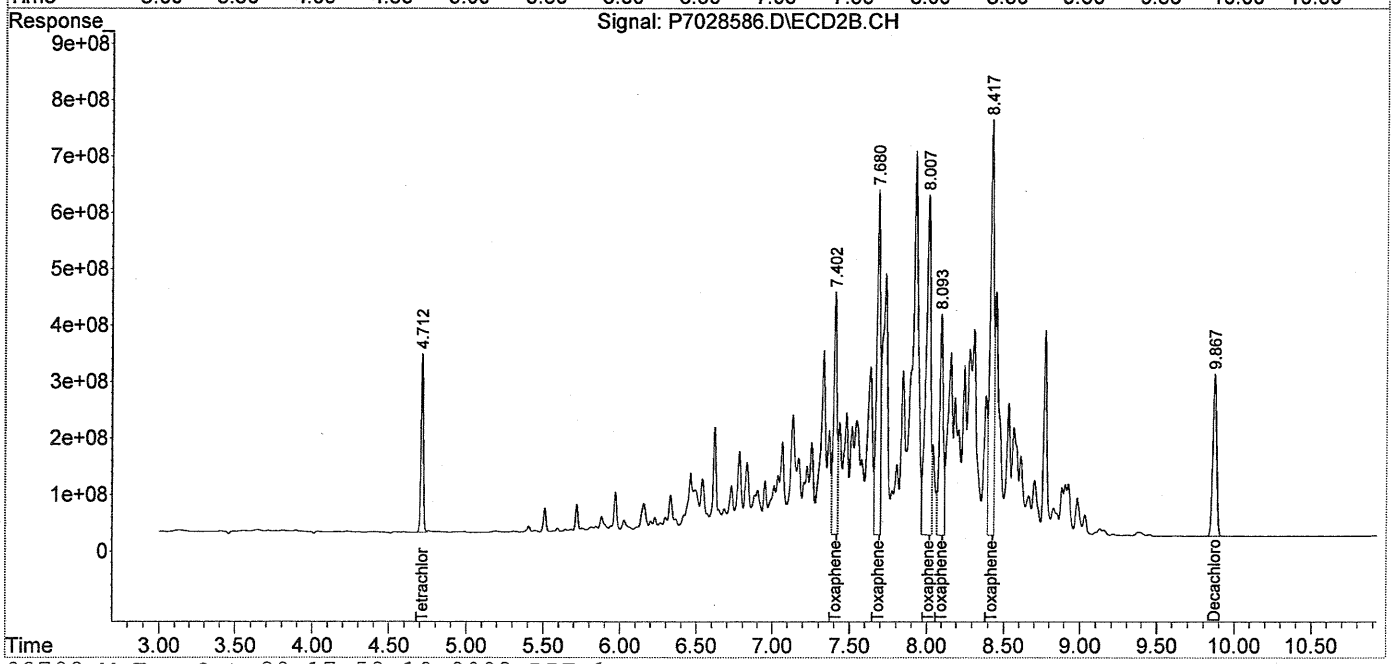
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:20
Operator : JJ
Sample : TOX4000P70004
Misc : TOXAPH401
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:41:11 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:40:58 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:20
Operator : JJ
Sample : TOX4000P70004
Misc : TOXAPH401
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:41:11 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:40:58 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds							
1) SA	Tetrachlo...	3.983	4.713	1557.4E6	3229.0E6	40.802	40.117
7) SA	Decachlor...	8.654	9.869	2578.8E6	4815.8E6	78.971	80.020
Target Compounds							
2)	Toxaphene-1	5.724	7.403	1623.8E6	6739.9E6	3788.354	4120.218
3)	Toxaphene-2	6.195	7.682	2903.2E6	9872.9E6	3930.146	4306.105
4)	Toxaphene-3	6.753	8.009	4074.2E6	13572.1E6	4198.378	4201.367
5)	Toxaphene-4	6.823	8.094	3475.3E6	6797.7E6	4131.184	4227.915
6)	Toxaphene-5	6.958	8.419	3709.8E6	11950.8E6	4005.189	4436.466

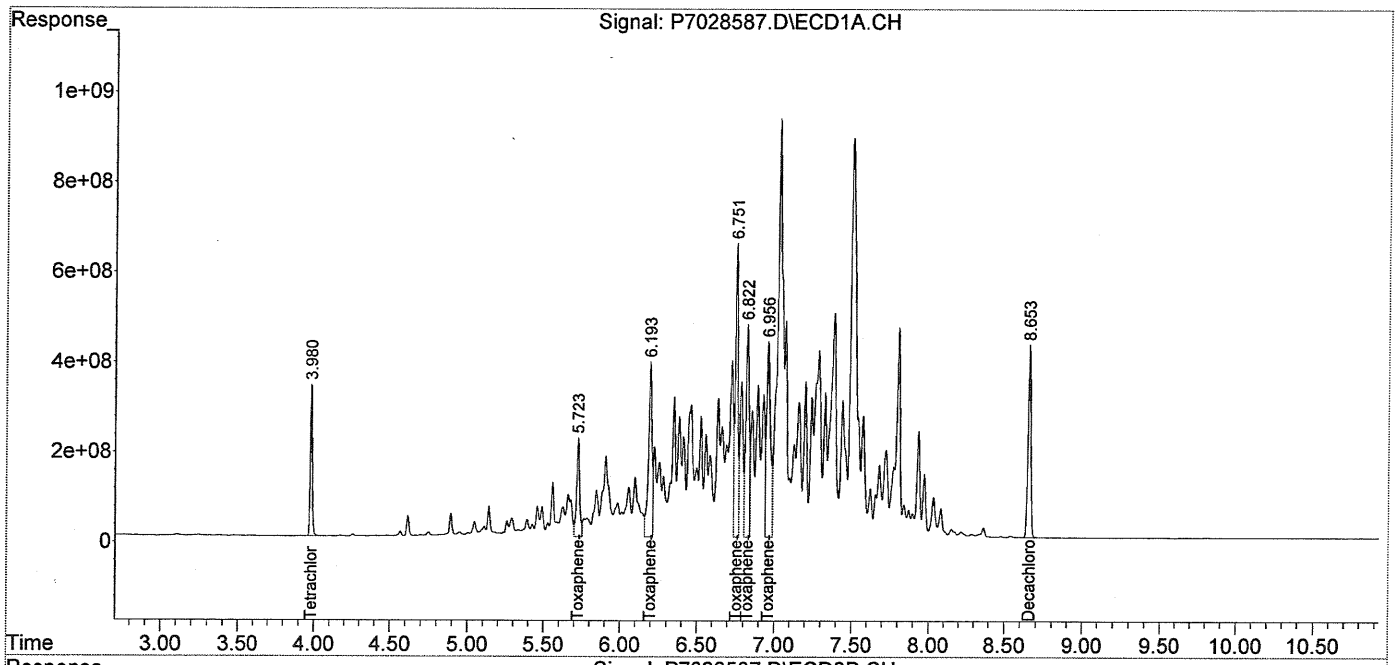
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

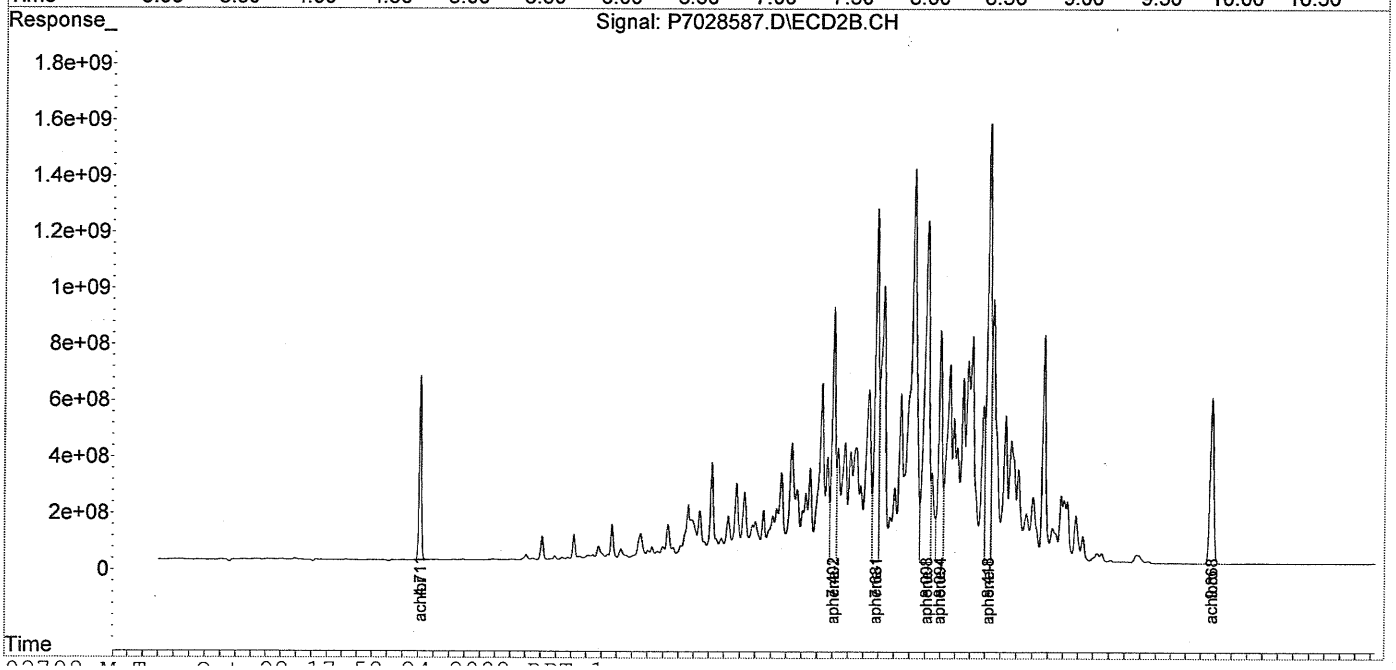
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028587.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:34
Operator : JJ
Sample : TOX8000P70005
Misc : TOXAPH501
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:41:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:41:20 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028587.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:34
Operator : JJ
Sample : TOX8000P70005
Misc : TOXAPH501
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: HP1.E
Integration File signal 2: HP.E
Quant Time: Oct 28 17:41:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\7TX102708.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:41:20 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.53mm x0.2 Signal #2 Info : 30M x 0.53mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.982	4.713	3203.6E6	6591.4E6	83.095	81.774
7)	SA Decachlor...	8.654	9.870	5290.1E6	9894.1E6	163.048	164.381
	Target Compounds						
2)	Toxaphene-1	5.724	7.404	3055.0E6	13920.9E6	7321.148	8384.031
3)	Toxaphene-2	6.194	7.682	5748.4E6	20717.9E6	7850.432	8703.168
4)	Toxaphene-3	6.753	8.008	8452.2E6	24736.2E6	8499.084	7469.304
5)	Toxaphene-4	6.824	8.095	7122.6E6	14413.2E6	8330.299	8716.081
6)	Toxaphene-5	6.958	8.423	7603.8E6	22379.5E6	8203.886	7878.075

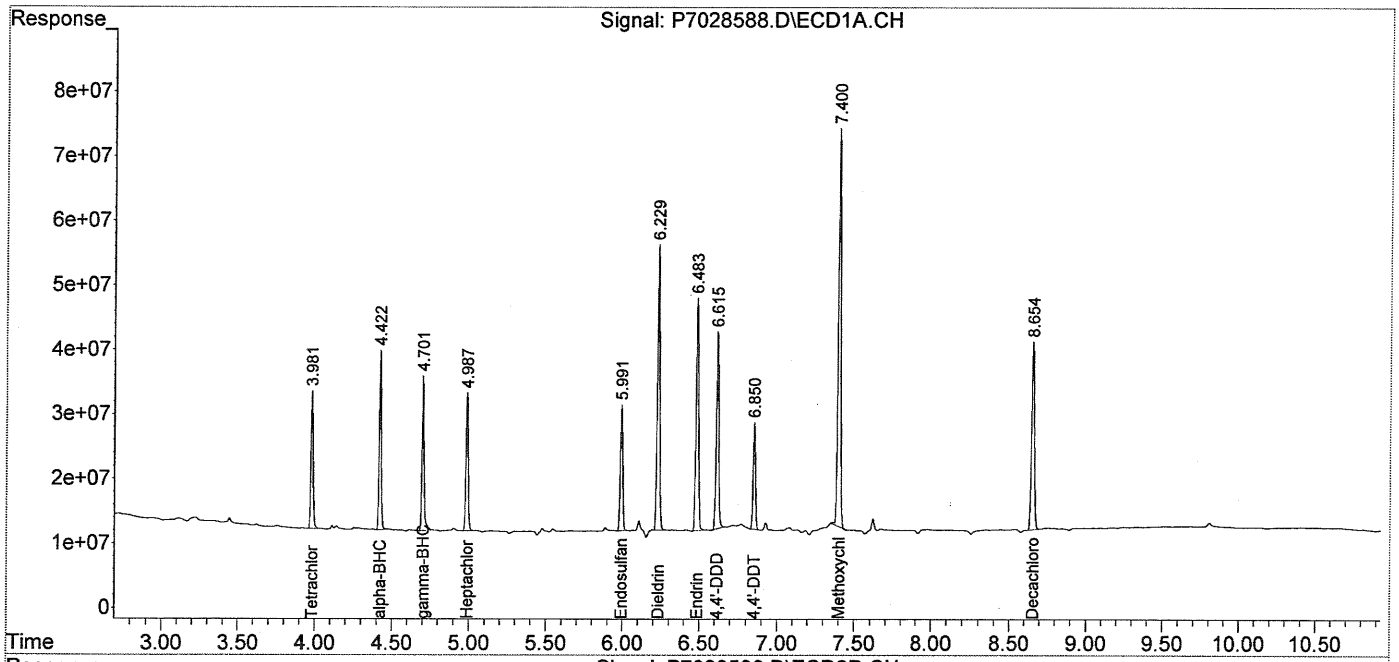
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

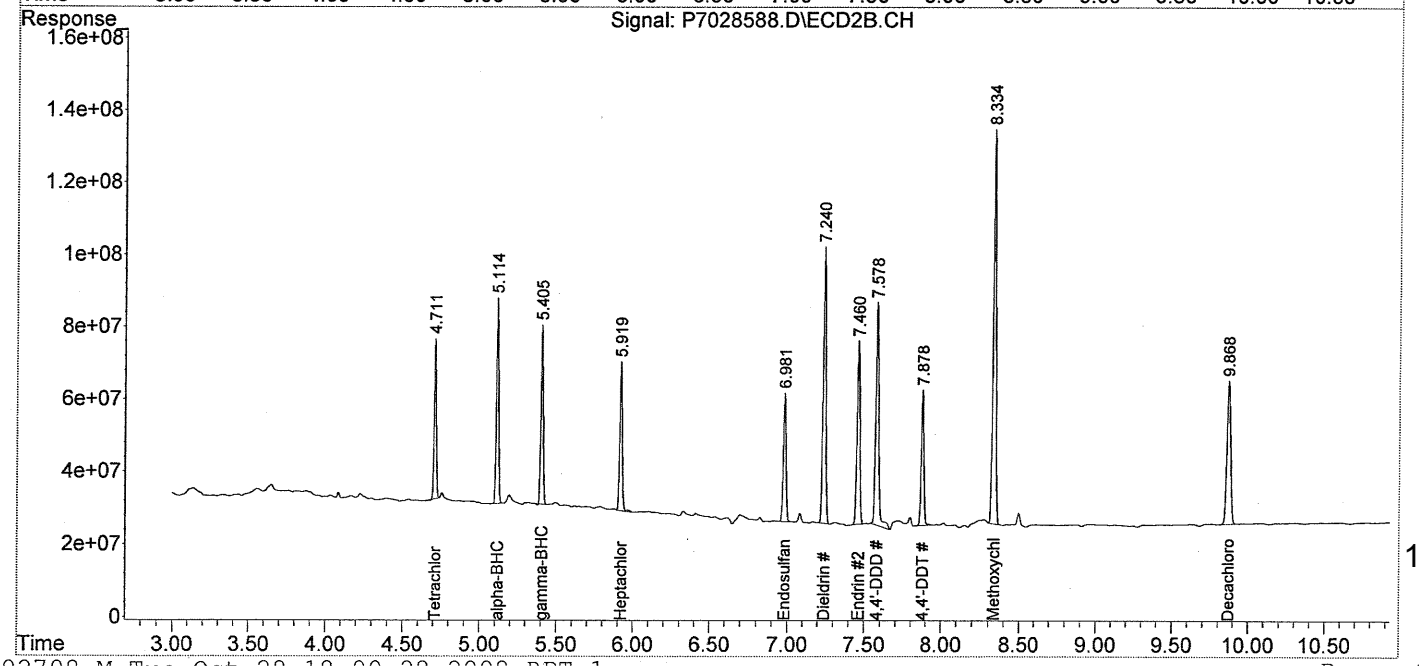
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028588.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:48
Operator : JJ
Sample : INDACS1AP70001
Misc : INDA101
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:10:58 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:09:42 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028588.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 15:48
Operator : JJ
Sample : INDACS1AP70001
Misc : INDA101
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:10:58 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:09:42 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.982	4.713	201.2E6	433.7E6	5.013	4.996	
22)	SA	Decachlor...	8.656	9.870	359.1E6	685.0E6	10.185	10.461	
		Target Compounds							
2)	A	alpha-BHC	4.423	5.115	265.7E6	573.0E6	4.593	4.734	
3)	MA	gamma-BHC...	4.703	5.406	234.8E6	505.4E6	4.629	4.711	
4)	MA	Heptachlor	4.989	5.920	214.8E6	476.3E6	4.680	5.017	
9)	A	Endosulfan I	5.993	6.983	209.2E6	424.2E6	4.711	4.981	
13)	MA	Dieldrin	6.231	7.242	478.1E6	937.5E6	9.431	10.546	
14)	MA	Endrin	6.485	7.462	387.0E6	619.5E6	9.643	9.259	
16)	A	4,4'-DDD	6.617	7.580	342.6E6	824.8E6	8.700	10.635	
17)	MA	4,4'-DDT	6.851	7.880	170.5E6	445.5E6	6.033	7.794	#
20)	A	Methoxychlor	7.401	8.335	711.4E6	1359.2E6	47.090	51.383	

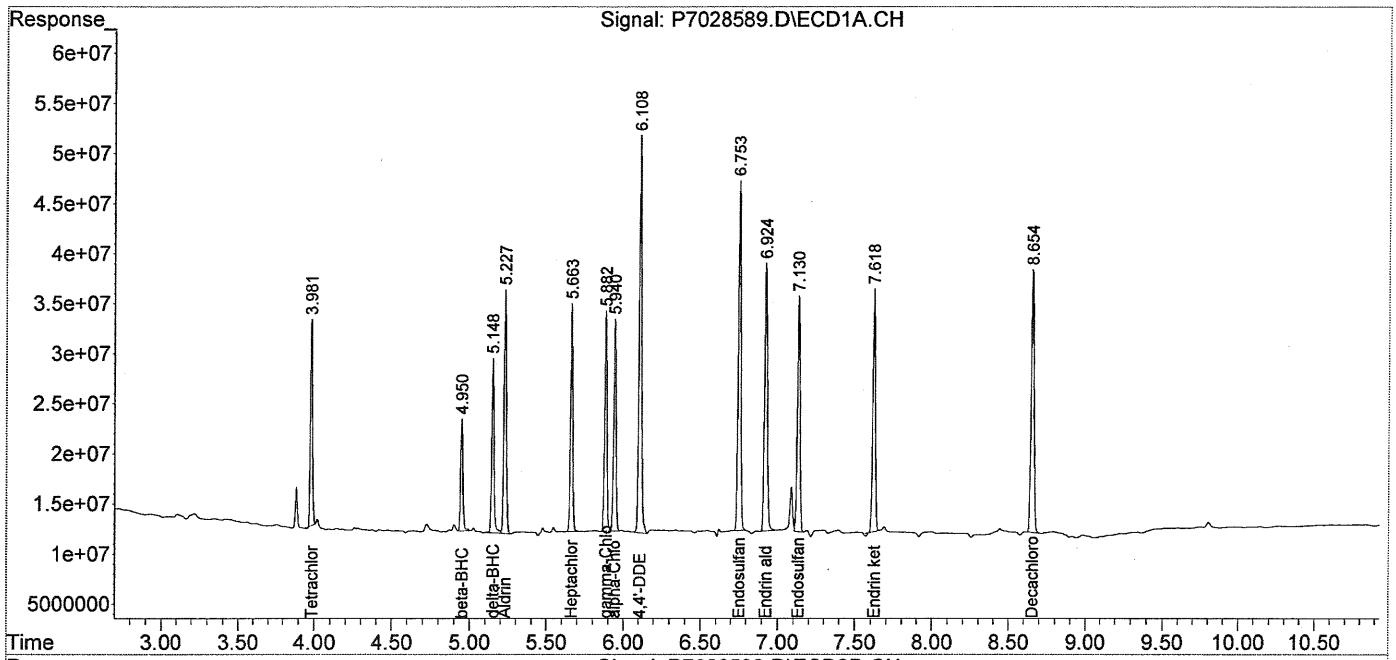
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

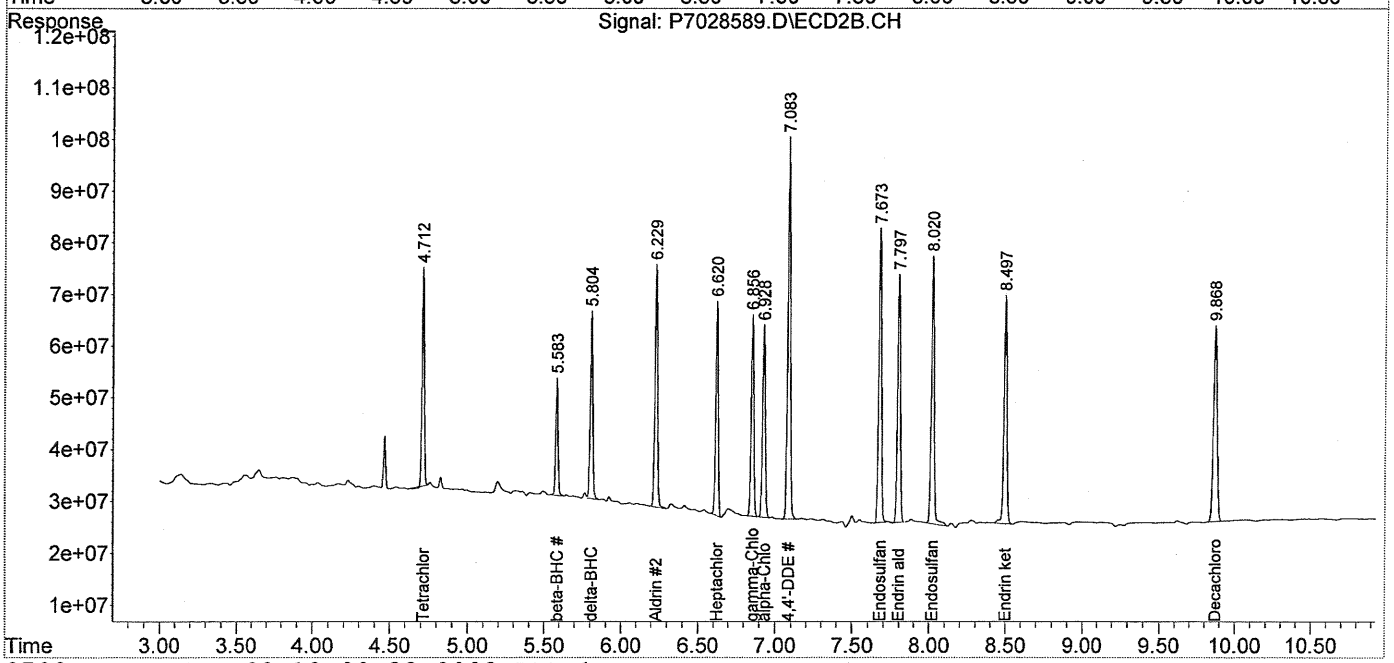
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028589.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:02
Operator : JJ
Sample : INDBCS1BP70002
Misc : INDB101
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:05:45 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:03:11 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028589.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:02
Operator : JJ
Sample : INDBCS1BP70002
Misc : INDB101
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:05:45 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:03:11 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	189.1E6	411.4E6	4.738	4.864
22)	SA	Decachlor...	8.655	9.870	337.1E6	649.1E6	10.125	10.284
Target Compounds								
5)	MB	Aldrin	5.228	6.231	258.4E6	543.2E6	4.806	5.040
6)	B	beta-BHC	4.952	5.584	110.8E6	240.5E6	4.981	5.099
7)	B	delta-BHC	5.149	5.805	180.1E6	395.2E6	4.727	4.783
8)	B	Heptachlo...	5.665	6.622	238.9E6	486.8E6	4.877	5.124
10)	B	gamma-Chl...	5.883	6.857	233.1E6	457.0E6	4.763	4.864
11)	B	alpha-Chl...	5.942	6.930	229.6E6	446.3E6	4.872	5.000
12)	B	4,4'-DDE	6.109	7.084	452.9E6	887.7E6	9.707	10.521
15)	B	Endosulfa...	6.755	7.675	391.2E6	696.9E6	9.505	9.282
18)	B	Endrin al...	6.925	7.798	311.6E6	598.5E6	9.684	9.898
19)	B	Endosulfa...	7.132	8.022	276.0E6	676.8E6	9.173	10.001
21)	B	Endrin ke...	7.620	8.498	270.0E6	588.7E6	8.241	9.903

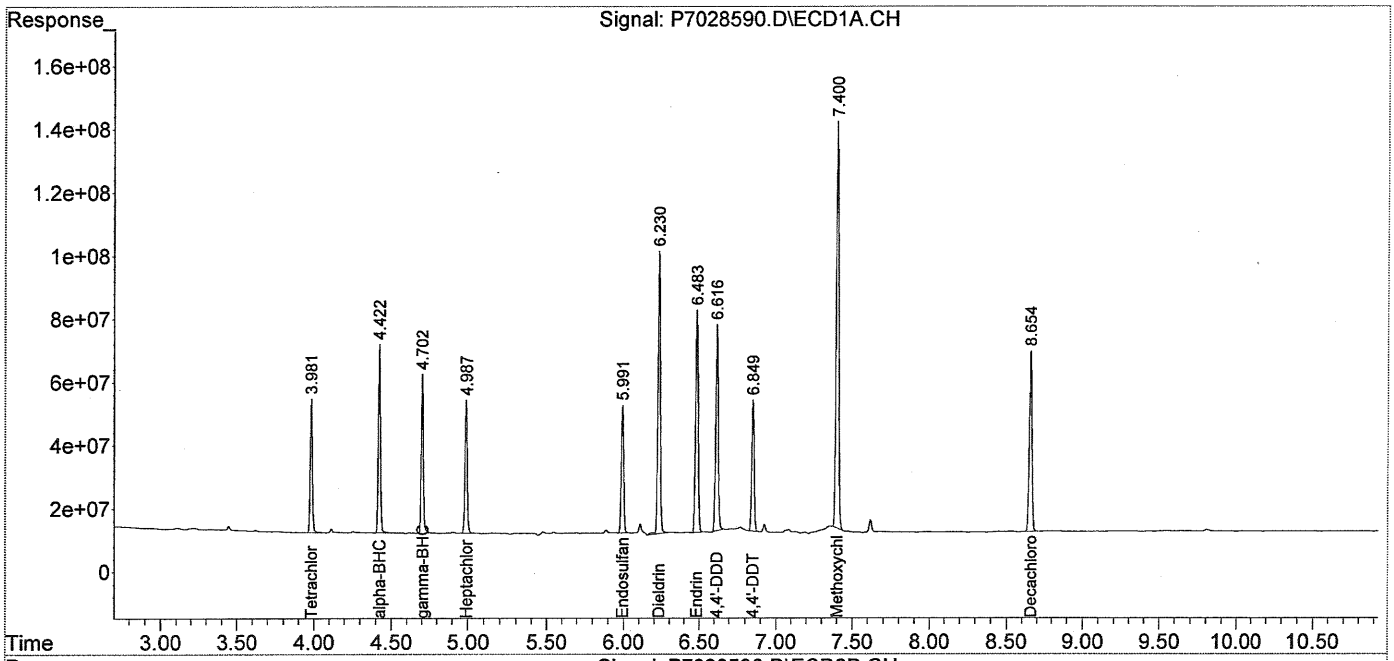
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

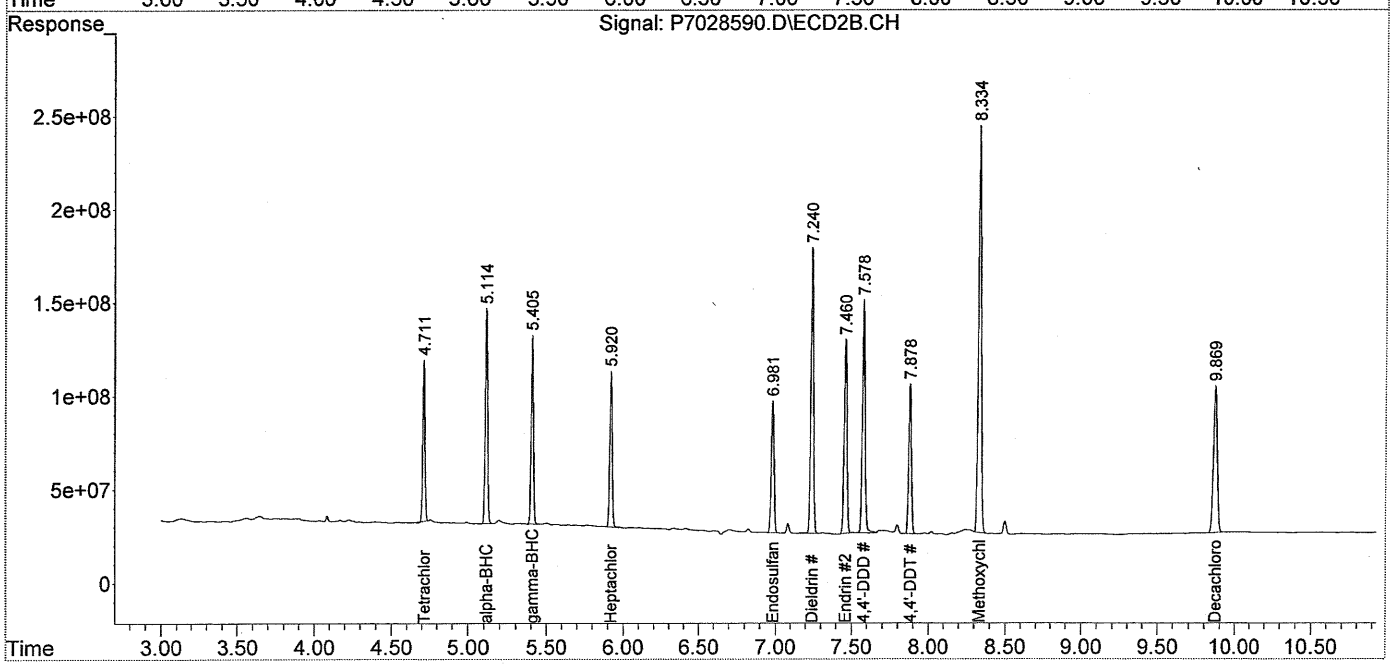
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028590.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:16
Operator : JJ
Sample : INDACS2AP70003
Misc : INDA201
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:09:52 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:08:37 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028590.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:16
Operator : JJ
Sample : INDACS2AP70003
Misc : INDA201
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:09:52 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:08:37 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.712	404.8E6	859.5E6	10.161	9.954
22)	SA	Decachlor...	8.655	9.871	716.9E6	1318.9E6	21.242	20.332
Target Compounds								
2)	A	alpha-BHC	4.423	5.115	548.9E6	1167.0E6	9.331	9.528
3)	MA	gamma-BHC...	4.703	5.406	477.5E6	1031.4E6	9.231	9.491
4)	MA	Heptachlor	4.989	5.921	437.2E6	934.4E6	9.376	9.791
9)	A	Endosulfan I	5.993	6.982	431.2E6	846.6E6	9.619	9.920
13)	MA	Dieldrin	6.231	7.242	1007.5E6	1890.4E6	19.834	21.722
14)	MA	Endrin	6.485	7.462	790.9E6	1306.6E6	19.610	19.377
16)	A	4,4'-DDD	6.617	7.580	739.0E6	1563.9E6	18.391	20.218
17)	MA	4,4'-DDT	6.850	7.879	437.9E6	978.6E6	14.413	16.336
20)	A	Methoxychlor	7.401	8.335	1481.7E6	2769.3E6	97.463	106.354

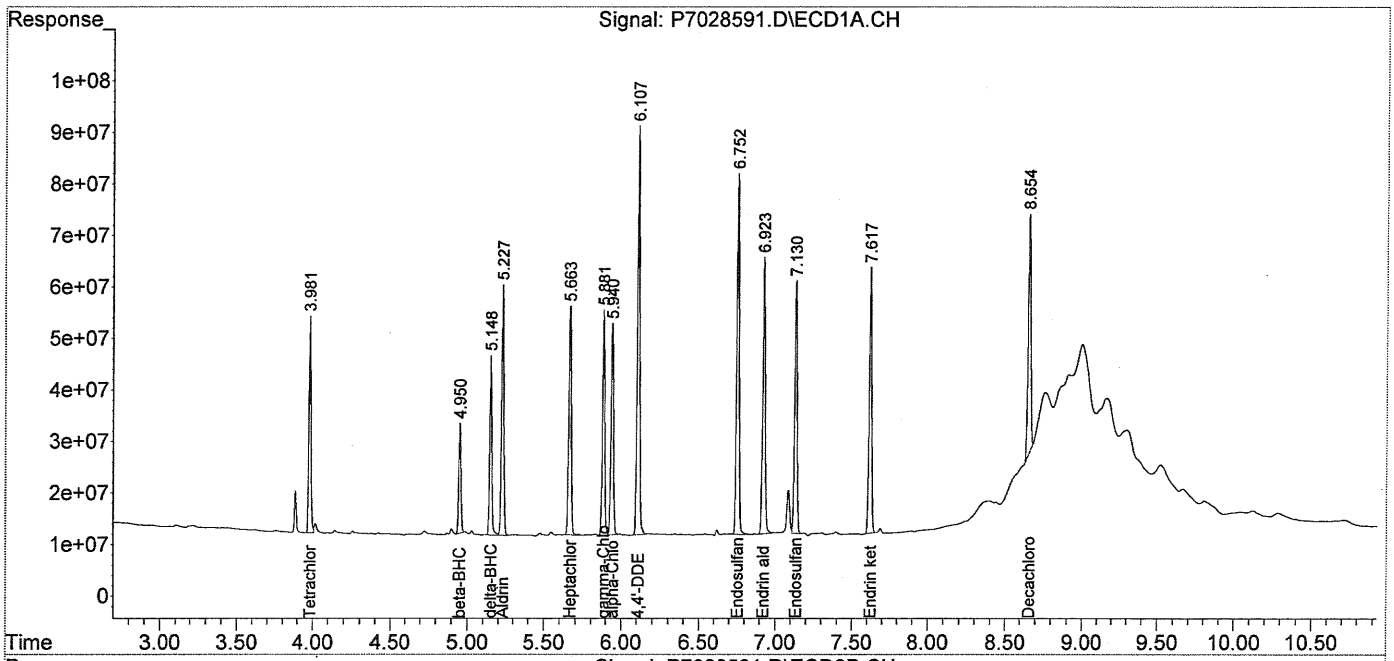
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

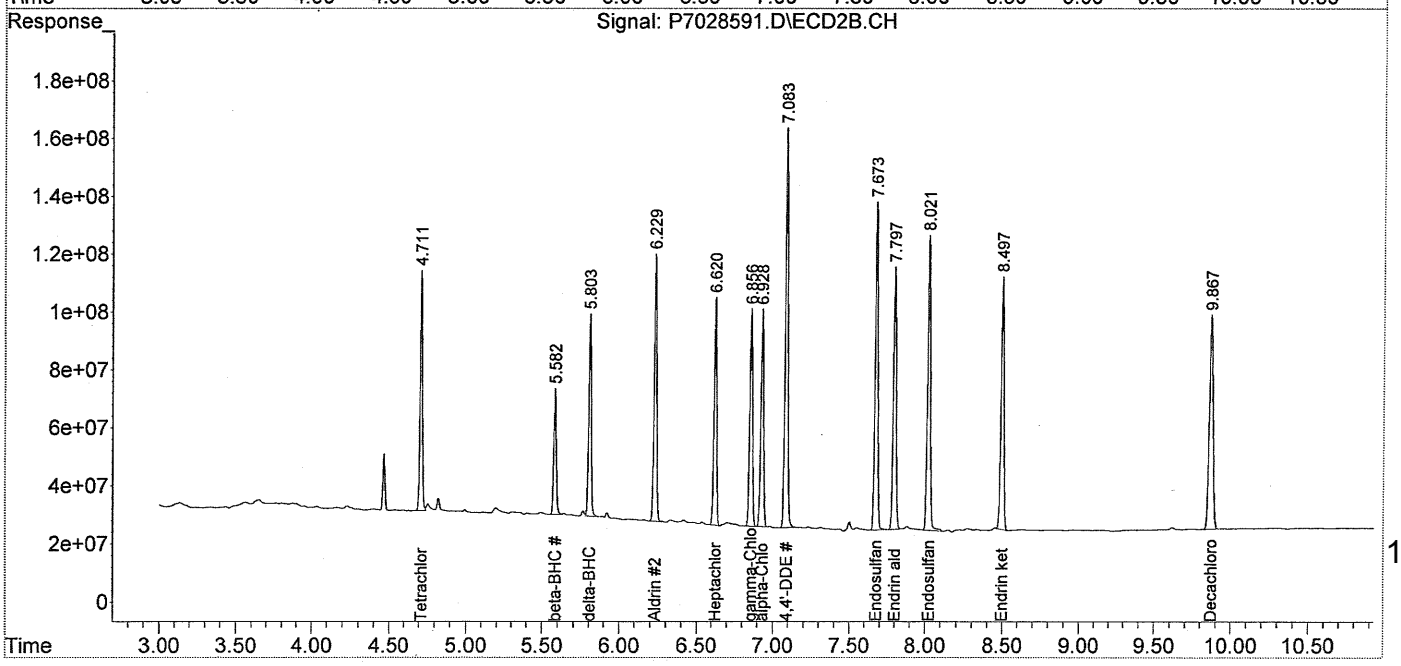
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028591.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:31
Operator : JJ
Sample : INDBCS2BP70004
Misc : INDB201
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:03:16 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:01:13 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028591.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:31
Operator : JJ
Sample : INDBCS2BP70004
Misc : INDB201
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:03:16 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:01:13 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.713	390.6E6	836.3E6	9.721	9.849
22)	SA	Decachlor...	8.655	9.869	566.2E6	1258.0E6	16.195	19.911
Target Compounds								
5)	MB	Aldrin	5.228	6.231	513.7E6	1059.7E6	9.414	9.779
6)	B	beta-BHC	4.951	5.583	208.4E6	463.1E6	9.179	9.757
7)	B	delta-BHC	5.149	5.805	352.9E6	782.2E6	9.043	9.304
8)	B	Heptachlo...	5.665	6.622	475.4E6	939.0E6	9.611	9.845
10)	B	gamma-Chl...	5.883	6.857	465.4E6	908.5E6	9.358	9.567
11)	B	alpha-Chl...	5.941	6.929	454.4E6	871.9E6	9.527	9.694
12)	B	4,4'-DDE	6.109	7.085	891.0E6	1754.1E6	18.810	21.067
15)	B	Endosulfa...	6.754	7.674	800.0E6	1419.1E6	19.257	18.560
18)	B	Endrin al...	6.924	7.798	621.0E6	1178.5E6	19.075	19.324
19)	B	Endosulfa...	7.132	8.022	561.9E6	1308.5E6	18.272	19.123
21)	B	Endrin ke...	7.619	8.498	591.0E6	1122.6E6	17.465	18.538

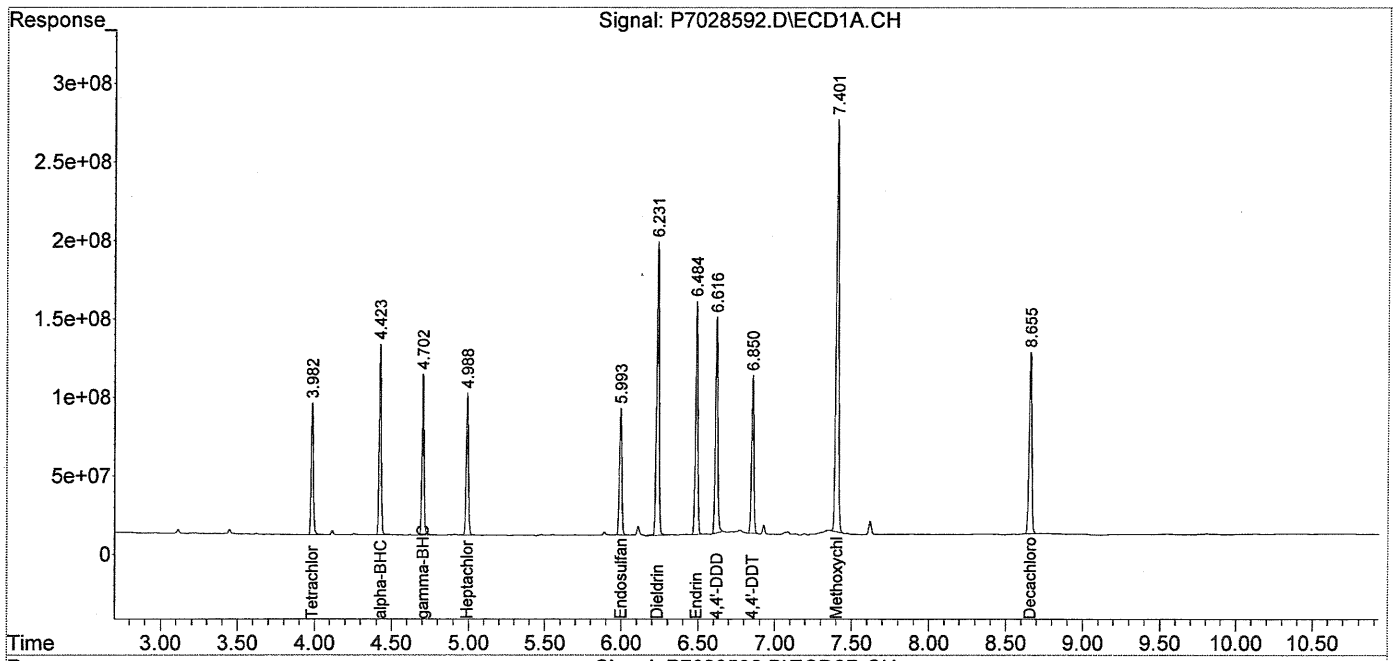
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

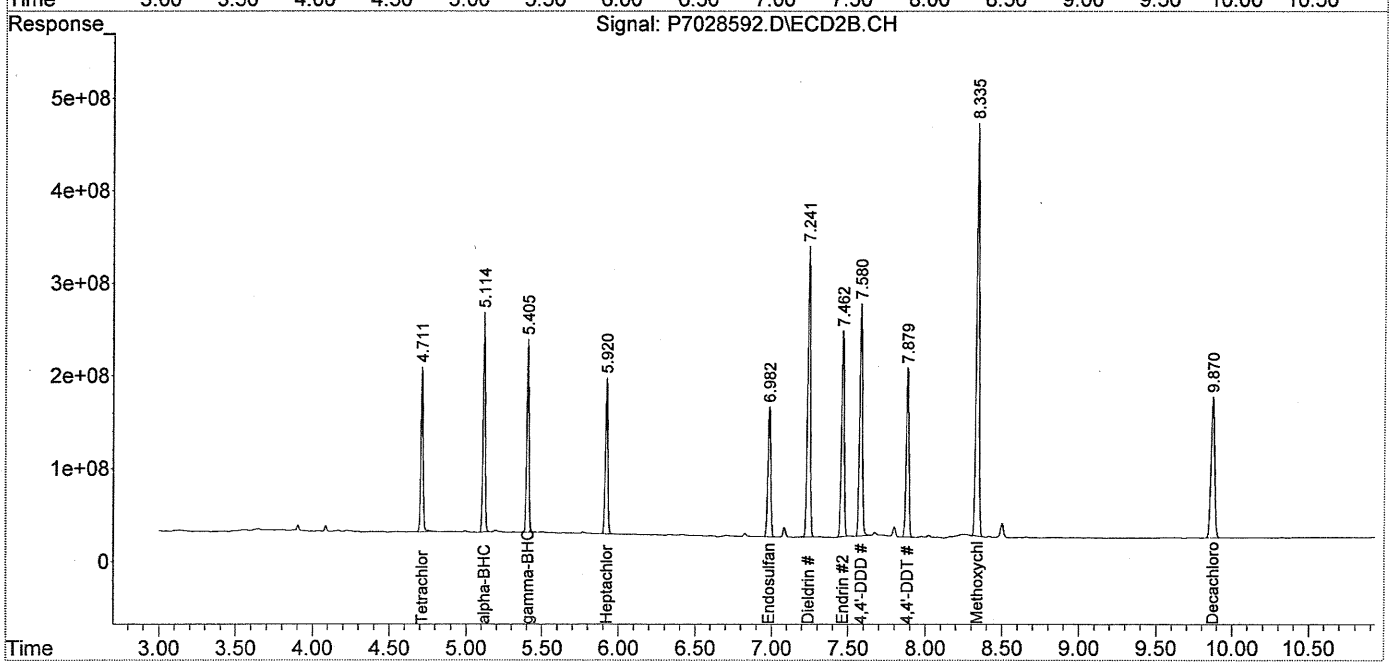
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:46
Operator : JJ
Sample : INDACS3AP70005
Misc : INDA301
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:07:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:06:38 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 16:46
Operator : JJ
Sample : INDACS3AP70005
Misc : INDA301
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:07:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:06:38 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.983	4.713	816.3E6	1794.1E6	20.553	21.031
22)	SA	Decachlor...	8.656	9.871	1407.1E6	2614.1E6	42.021	40.872
		Target Compounds						
2)	A	alpha-BHC	4.424	5.115	1144.6E6	2395.5E6	20.000	20.000
3)	MA	gamma-BHC...	4.704	5.406	1002.6E6	2133.6E6	20.000	20.000
4)	MA	Heptachlor	4.989	5.921	903.9E6	1880.8E6	20.000	20.000
9)	A	Endosulfan I	5.994	6.983	886.4E6	1718.8E6	20.000	20.000
13)	MA	Dieldrin	6.232	7.242	2035.1E6	3815.9E6	40.000	40.000
14)	MA	Endrin	6.486	7.463	1599.0E6	2691.0E6	40.000	40.000
16)	A	4,4'-DDD	6.617	7.581	1612.0E6	3116.8E6	40.000	40.000
17)	MA	4,4'-DDT	6.852	7.880	1067.8E6	2196.7E6	40.000	40.000
20)	A	Methoxychlor	7.403	8.336	3054.9E6	5612.5E6	200.000	200.000

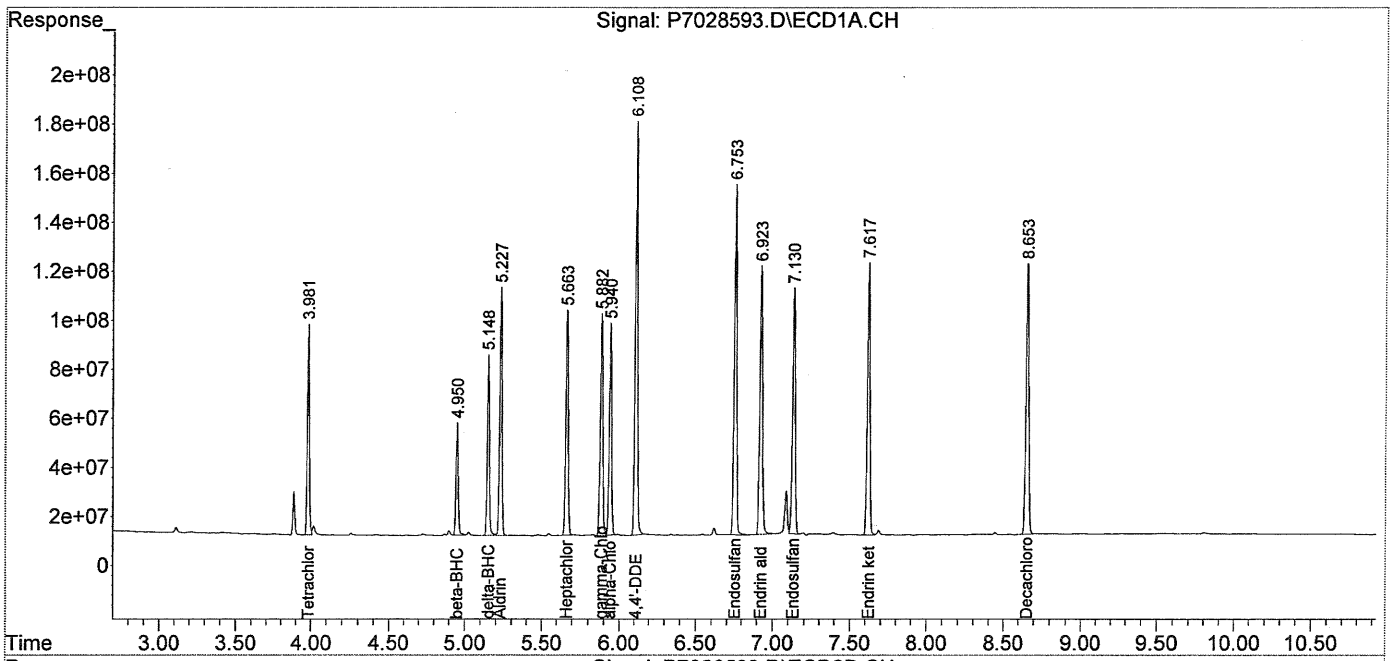
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

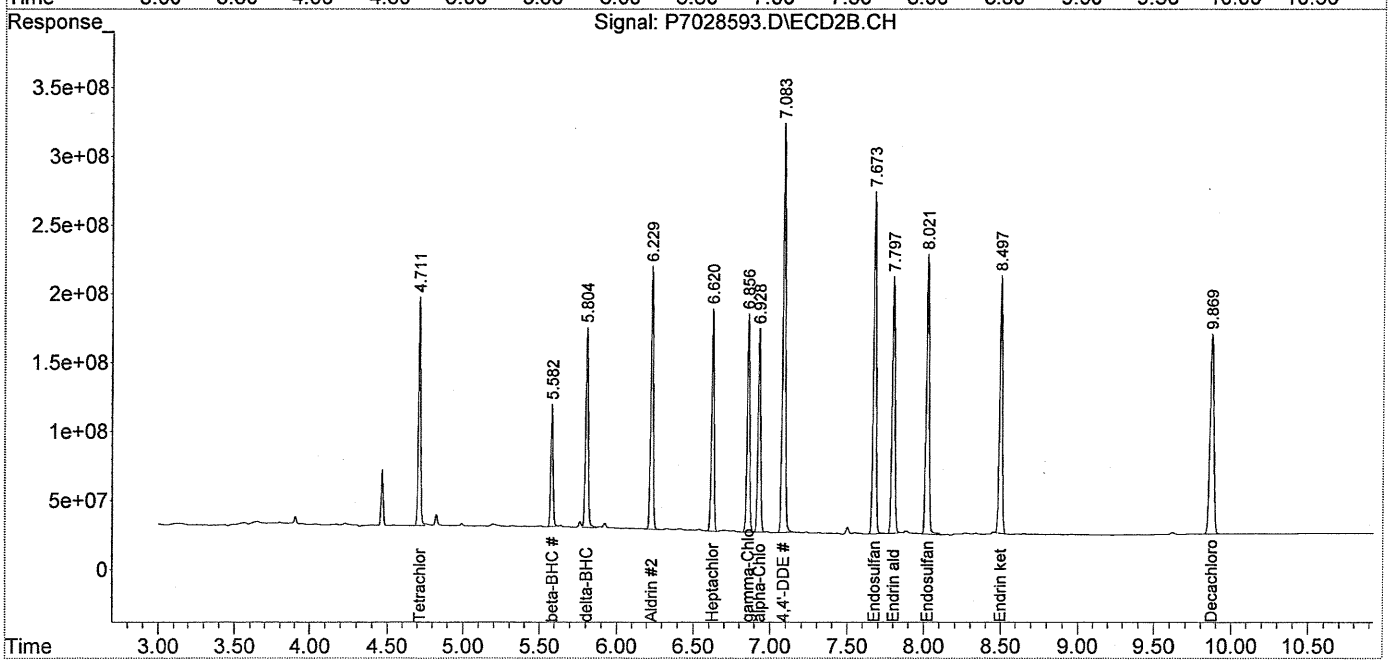
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028593.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:00
Operator : JJ
Sample : INDBCS3BP70006
Misc : INDB301
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:59:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 17:58:47 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028593.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:00
Operator : JJ
Sample : INDBCS3BP70006
Misc : INDB301
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:59:33 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 17:58:47 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.713	793.6E6	1676.3E6	20.000	20.000
22)	SA	Decachlor...	8.655	9.871	1385.9E6	2516.6E6	40.000	40.000
Target Compounds								
5)	MB	Aldrin	5.228	6.230	1066.6E6	2151.5E6	20.000	20.000
6)	B	beta-BHC	4.951	5.583	444.4E6	934.4E6	20.000	20.000
7)	B	delta-BHC	5.149	5.805	738.5E6	1616.8E6	20.000	20.000
8)	B	Heptachlo...	5.665	6.621	971.7E6	1901.4E6	20.000	20.000
10)	B	gamma-Chl...	5.883	6.857	966.9E6	1862.3E6	20.000	20.000
11)	B	alpha-Chl...	5.941	6.929	935.2E6	1770.5E6	20.000	20.000
12)	B	4,4'-DDE	6.109	7.084	1852.7E6	3592.2E6	40.000	40.000
15)	B	Endosulfa...	6.754	7.674	1641.2E6	3079.7E6	40.000	40.000
18)	B	Endrin al...	6.924	7.798	1279.1E6	2414.3E6	40.000	40.000
19)	B	Endosulfa...	7.132	8.022	1172.7E6	2673.8E6	40.000	40.000
21)	B	Endrin ke...	7.619	8.498	1292.7E6	2357.4E6	40.000	40.000

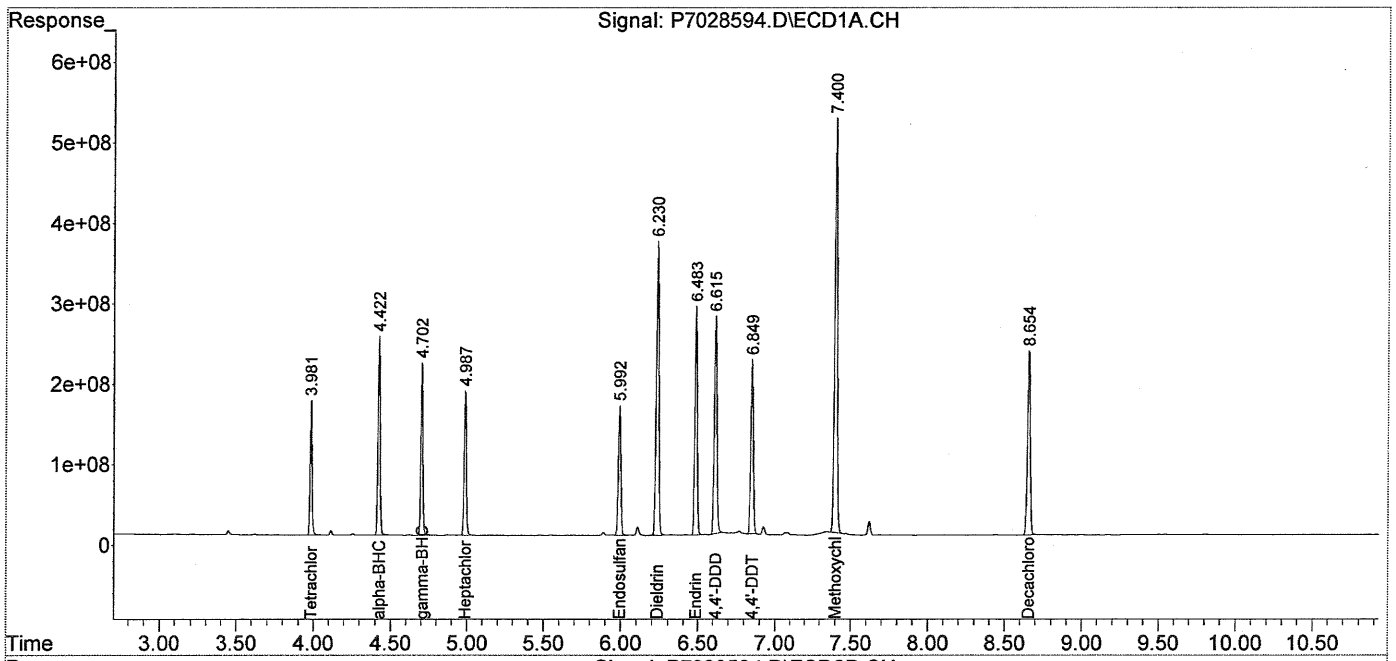
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

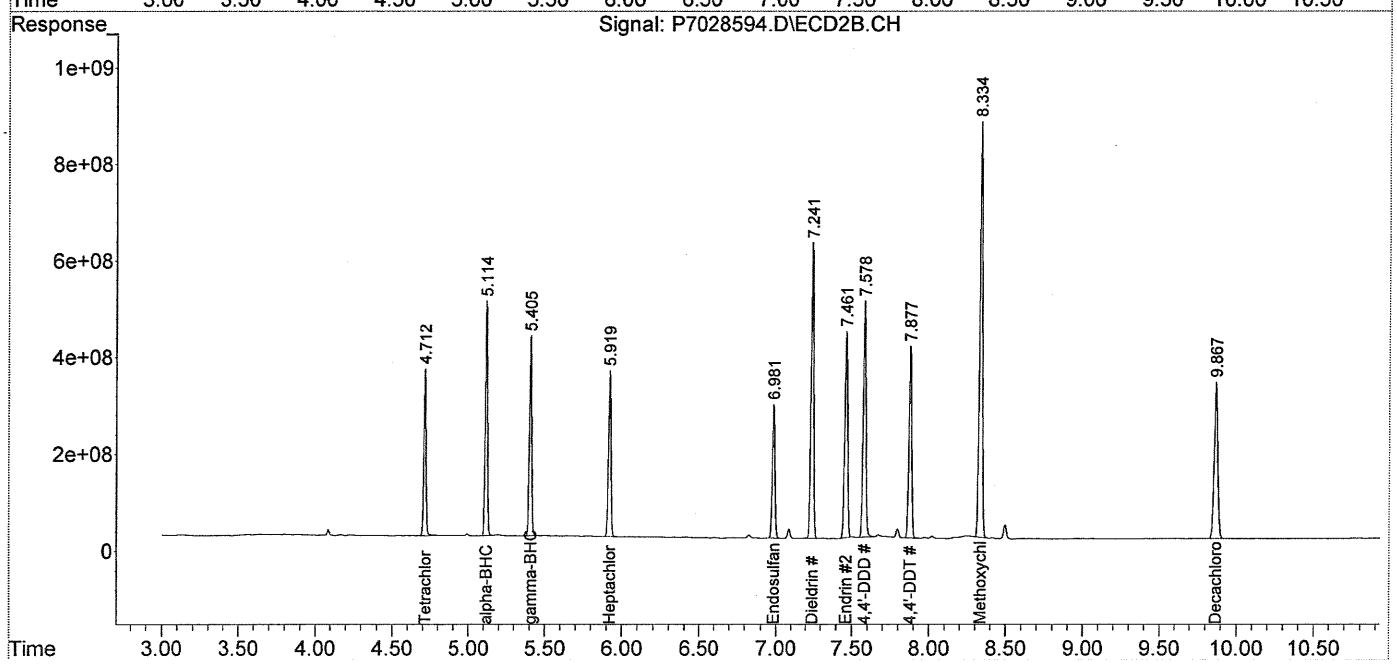
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028594.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:14
Operator : JJ
Sample : INDACS4AP70007
Misc : INDA401
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:08:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:07:12 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028594.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:14
Operator : JJ
Sample : INDACS4AP70007
Misc : INDA401
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:08:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:07:12 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	1607.3E6	3515.2E6	40.471	41.205
22)	SA	Decachlor...	8.656	9.869	2837.4E6	5164.7E6	84.735	80.751
Target Compounds								
2)	A	alpha-BHC	4.423	5.115	2314.8E6	4848.5E6	40.445	40.480
3)	MA	gamma-BHC...	4.703	5.406	2038.4E6	4279.1E6	40.662	40.111
4)	MA	Heptachlor	4.988	5.921	1841.3E6	3789.7E6	40.741	40.298
9)	A	Endosulfan I	5.993	6.982	1780.6E6	3367.4E6	40.178	39.184
13)	MA	Dieldrin	6.231	7.242	4025.1E6	7503.8E6	79.115	78.658
14)	MA	Endrin	6.485	7.462	3222.0E6	5353.3E6	80.603	79.573
16)	A	4,4'-DDD	6.616	7.580	3119.4E6	6118.5E6	77.404	78.524
17)	MA	4,4'-DDT	6.851	7.878	2402.0E6	4754.7E6	89.978	86.579
20)	A	Methoxychlor	7.401	8.335	6038.1E6	10969.4E6	395.309	390.892

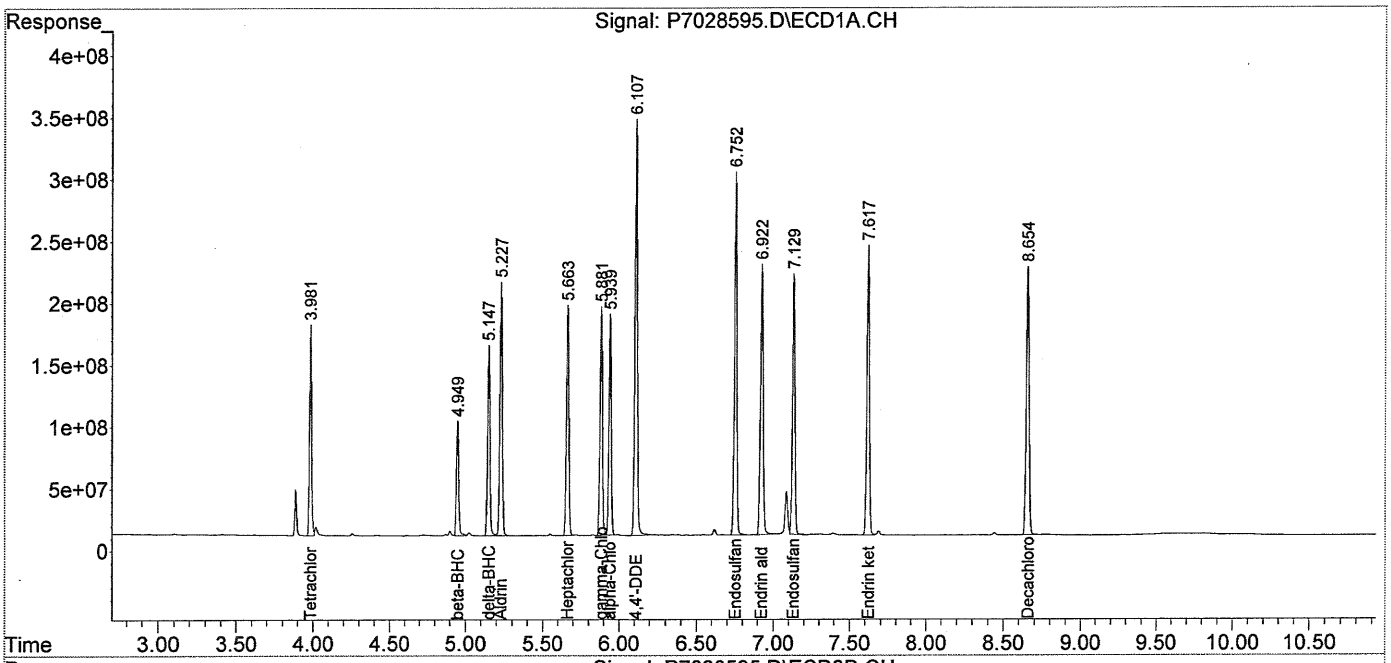
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

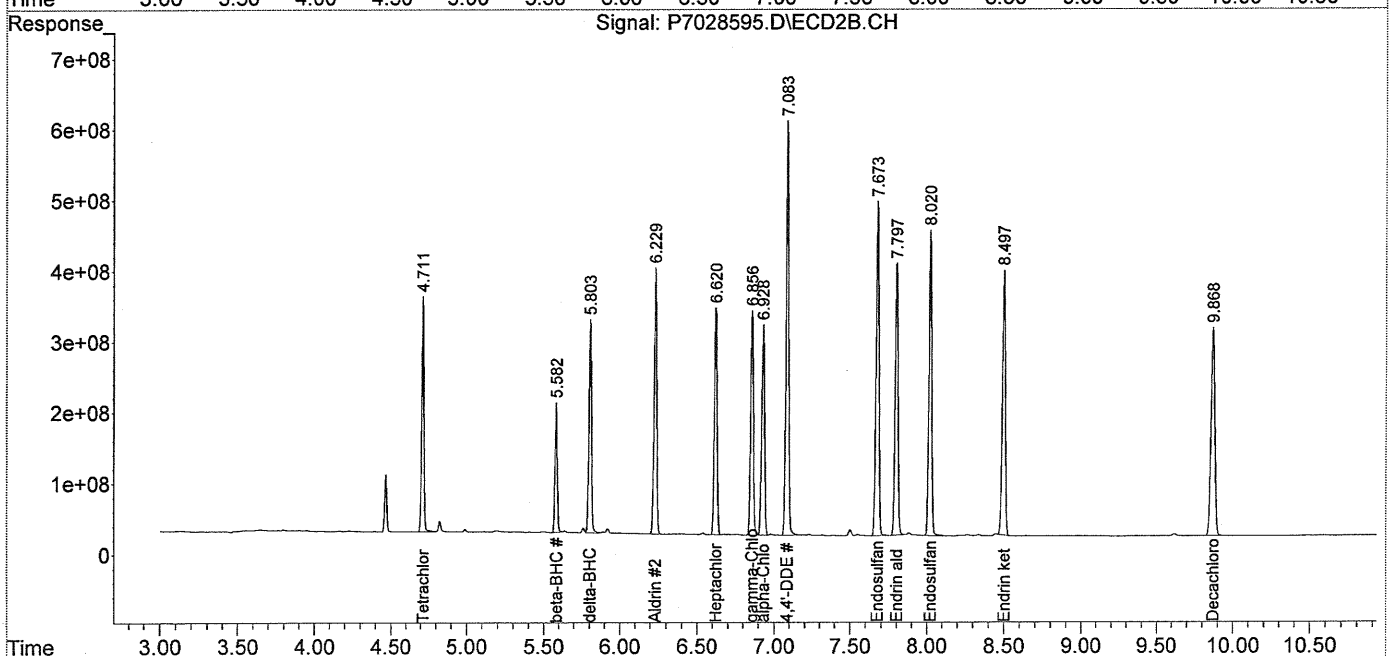
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028595.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:28
Operator : JJ
Sample : INDBCS4BP70008
Misc : INDB401
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:00:14 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 17:59:24 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028595.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:28
Operator : JJ
Sample : INDBCS4BP70008
Misc : INDB401
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:00:14 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 17:59:24 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.982	4.713	1588.7E6	3381.7E6	40.039	40.346
22)	SA	Decachlor...	8.655	9.869	2712.0E6	4961.3E6	78.272	78.858
Target Compounds								
5)	MB	Aldrin	5.228	6.230	2161.9E6	4299.8E6	40.537	39.971
6)	B	beta-BHC	4.950	5.584	902.9E6	1868.3E6	40.632	39.988
7)	B	delta-BHC	5.149	5.804	1531.9E6	3307.2E6	41.484	40.911
8)	B	Heptachlo...	5.664	6.621	1956.8E6	3783.5E6	40.275	39.796
10)	B	gamma-Chl...	5.883	6.857	1963.4E6	3763.7E6	40.612	40.420
11)	B	alpha-Chl...	5.940	6.929	1881.4E6	3566.9E6	40.237	40.294
12)	B	4,4'-DDE	6.109	7.084	3770.0E6	7231.7E6	81.395	80.527
15)	B	Endosulfa...	6.754	7.674	3308.9E6	5956.8E6	80.649	77.368
18)	B	Endrin al...	6.924	7.798	2568.5E6	4847.1E6	80.323	80.307
19)	B	Endosulfa...	7.131	8.022	2444.2E6	5461.1E6	83.367	81.699
21)	B	Endrin ke...	7.619	8.499	2693.2E6	4827.3E6	83.332	81.910

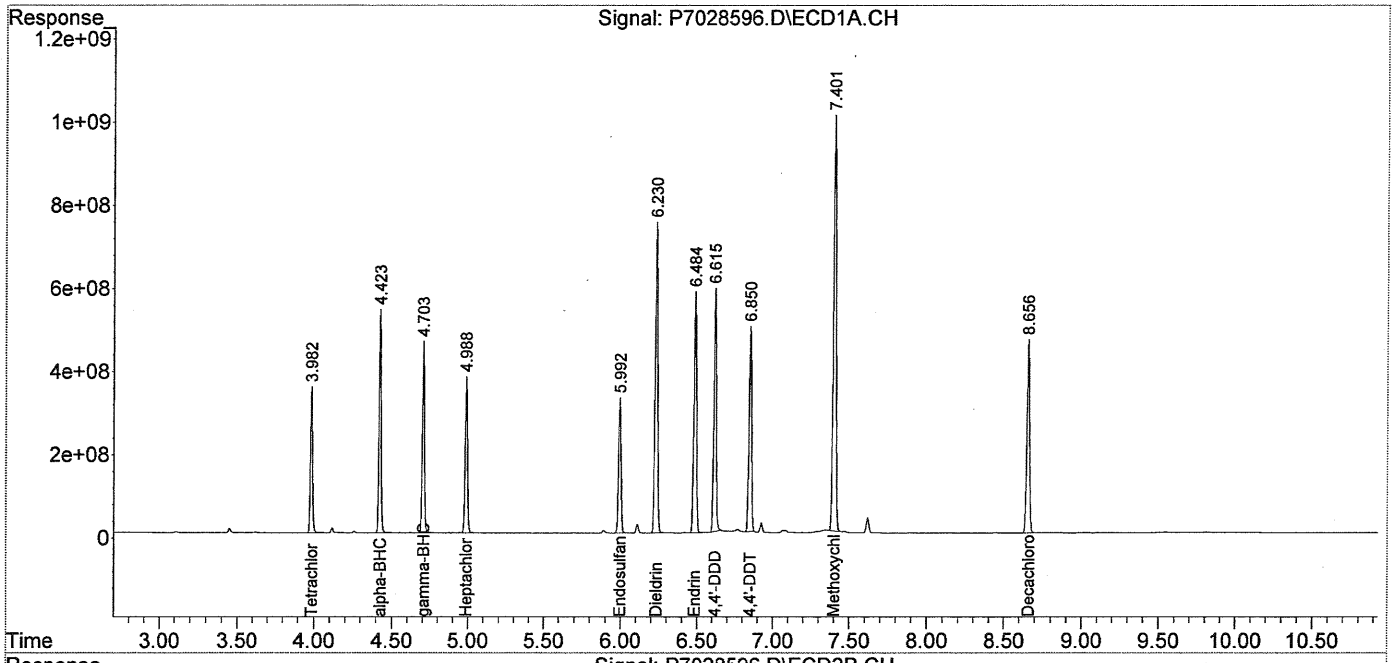
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

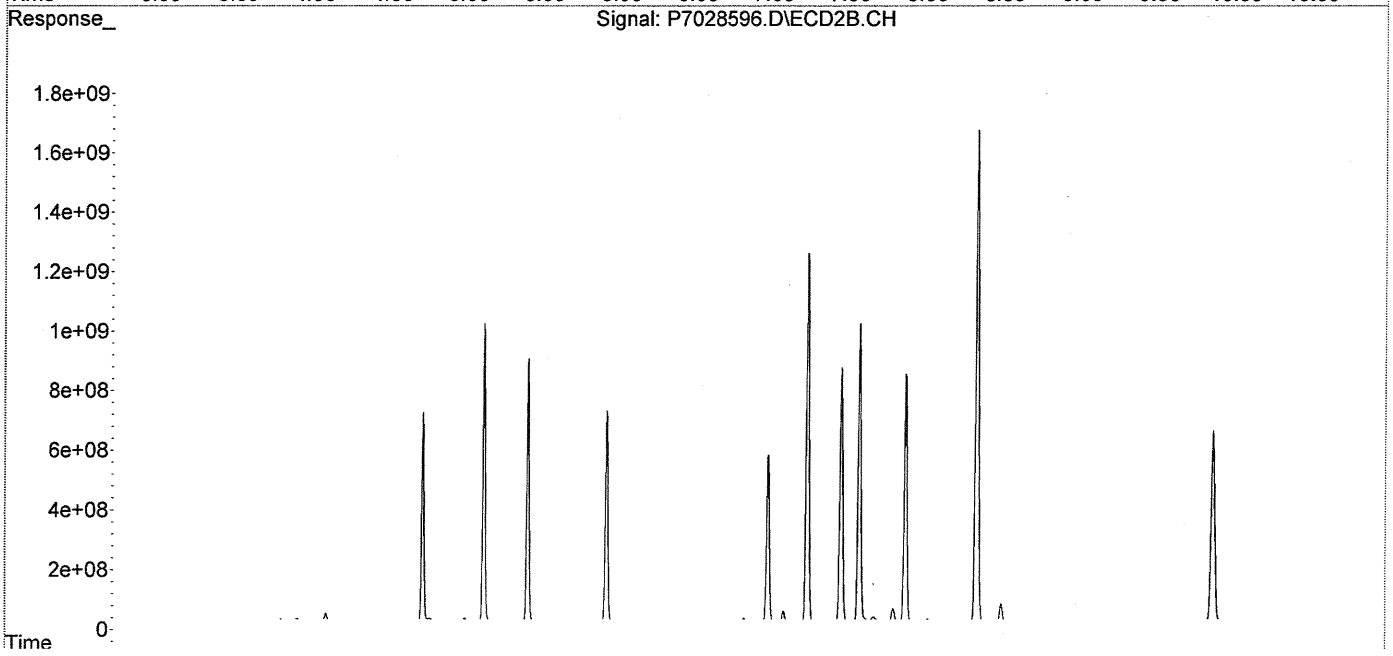
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028596.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:43
Operator : JJ
Sample : INDACS5AP70009
Misc : INDA501
ALS Vial : 18 Sample Multiplier: 1

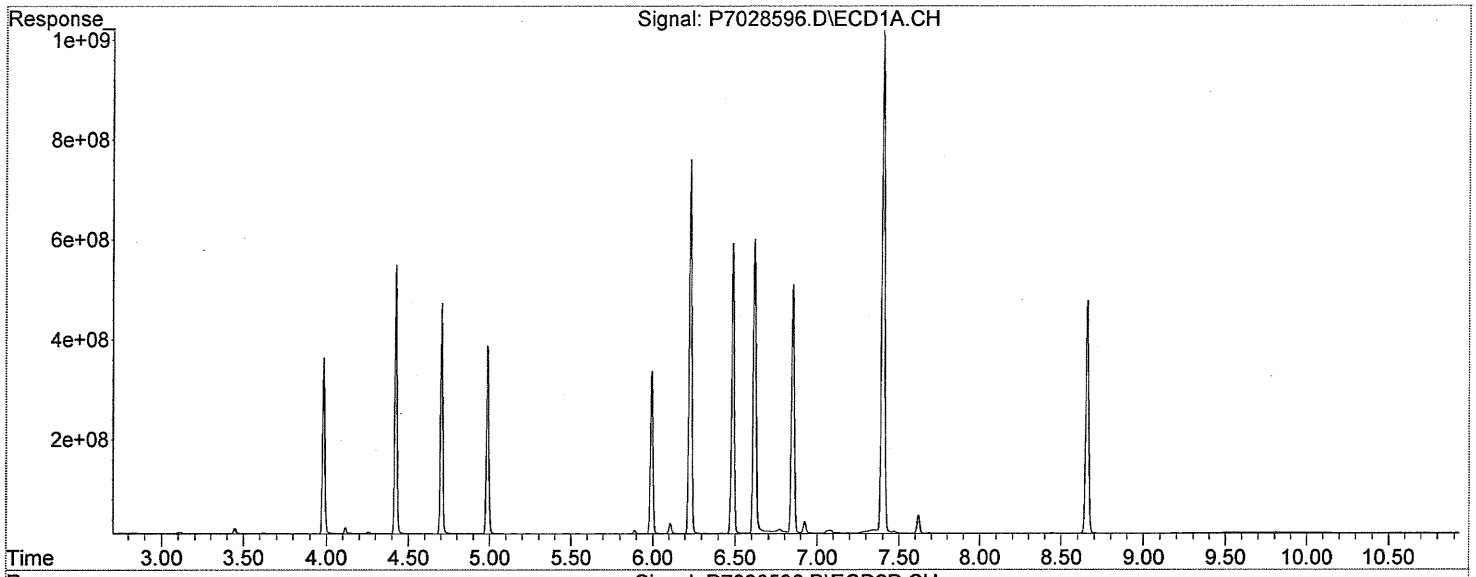
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:08:48 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:07:55 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

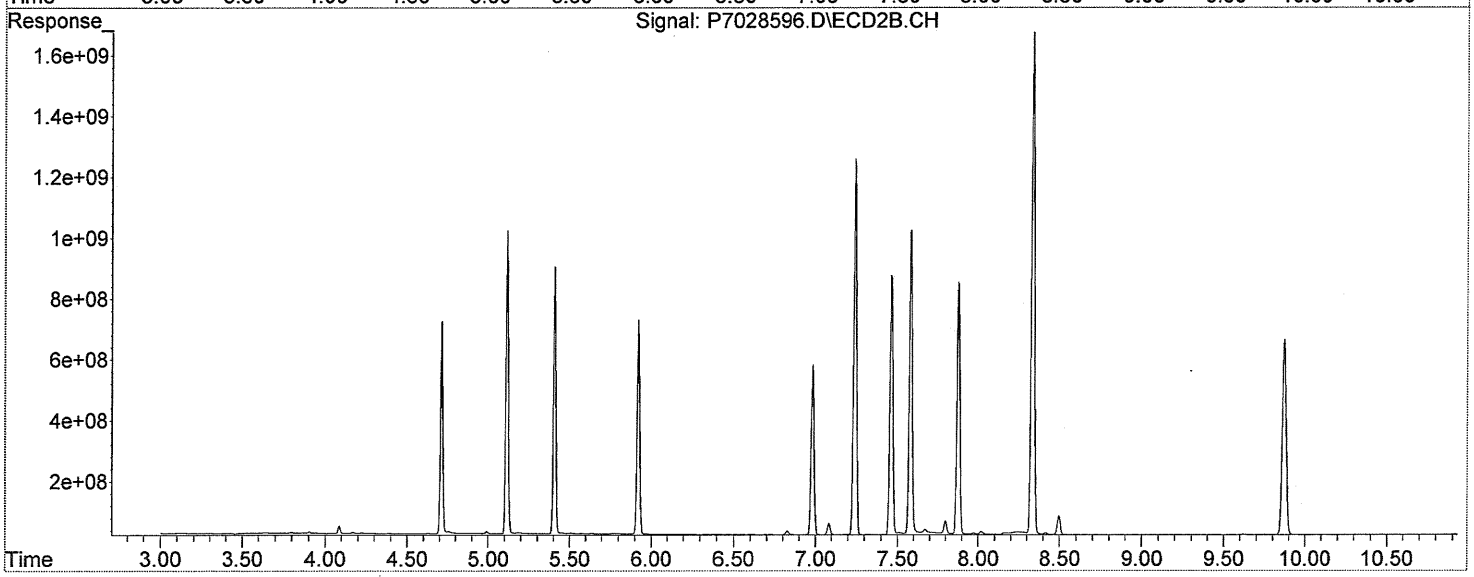
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





File :I:\HPCHEM1\Ecd_7\Data\P7102708\P7028596.D
Operator : JJ
Acquired : 27 Oct 2008 17:43 using AcqMethod CLPNEWMOON.M
Instrument : ECD7
Sample Name: INDACS5AP70009
Misc Info : INDA501
Vial Number: 18





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028596.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:43
Operator : JJ
Sample : INDACS5AP70009
Misc : INDA501
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:08:48 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:07:55 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	3306.3E6	7057.2E6	83.057	82.081
22)	SA	Decachlor...	8.657	9.871	5770.8E6	10660.2E6	170.739	165.361
Target Compounds								
2)	A	alpha-BHC	4.424	5.116	4911.0E6	10116.0E6	85.334	83.955
3)	MA	gamma-BHC...	4.704	5.407	4327.0E6	8988.5E6	85.606	84.138
4)	MA	Heptachlor	4.989	5.922	3891.7E6	7801.1E6	85.317	82.646
9)	A	Endosulfan I	5.994	6.983	3651.0E6	6872.6E6	82.199	80.794
13)	MA	Dieldrin	6.231	7.244	8191.2E6	11500.1E6	161.895	121.567
14)	MA	Endrin	6.485	7.463	6519.4E6	10895.6E6	162.477	162.389
16)	A	4,4'-DDD	6.617	7.580	6601.3E6	12424.4E6	166.506	160.937
17)	MA	4,4'-DDT	6.851	7.879	5506.6E6	10458.9E6	194.167	182.925
20)	A	Methoxychlor	7.402	8.332	12191.7E6	18104.2E6	802.888	652.567

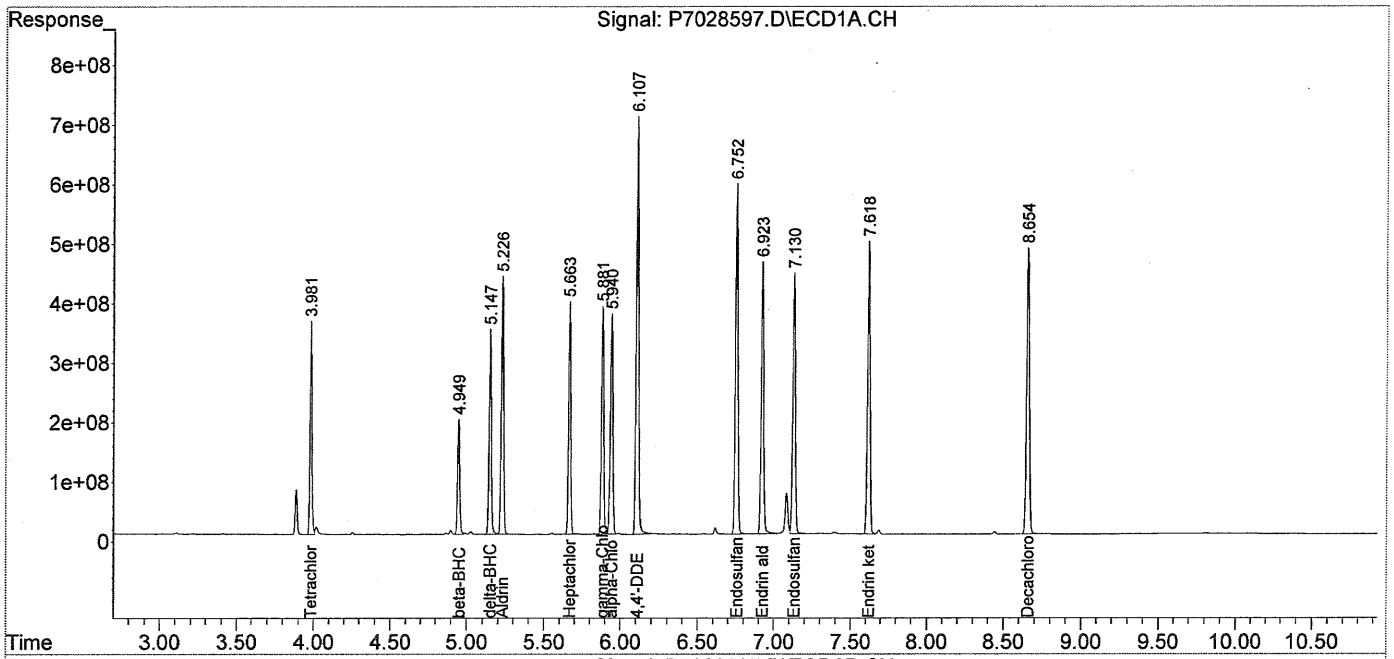
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

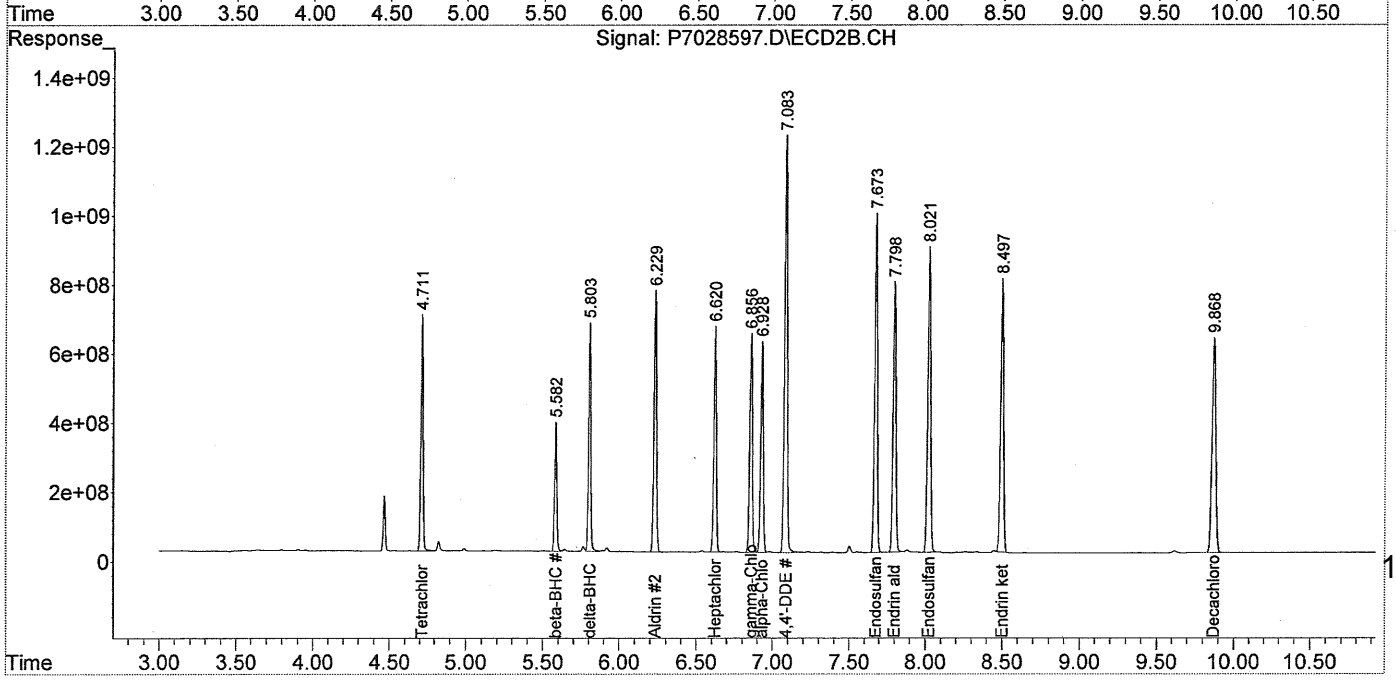
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028597.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:57
Operator : JJ
Sample : INDBCS5BP70010
Misc : INDB501
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:01:11 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:00:16 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028597.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 17:57
Operator : JJ
Sample : INDBCS5BP70010
Misc : INDB501
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:01:11 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:00:16 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
System Monitoring Compounds									
1)	SA	Tetrachlo...	3.982	4.713	3293.1E6	6910.8E6	82.953	82.096	
22)	SA	Decachlor...	8.655	9.870	5812.7E6	10338.5E6	169.593	165.506	
Target Compounds									
5)	MB	Aldrin	5.227	6.230	4507.5E6	8802.5E6	83.955	81.858	
6)	B	beta-BHC	4.950	5.583	1866.0E6	3916.5E6	83.316	83.839	
7)	B	delta-BHC	5.149	5.804	3347.8E6	7096.3E6	89.008	86.796	
8)	B	Heptachlo...	5.664	6.622	4072.0E6	7717.9E6	83.522	81.387	
10)	B	gamma-Chl...	5.883	6.857	4140.7E6	7815.7E6	84.998	83.496	
11)	B	alpha-Chl...	5.941	6.930	3943.1E6	7371.4E6	84.081	82.966	
12)	B	4,4'-DDE	6.108	7.088	7784.4E6	11133.3E6	166.612	123.565	#
15)	B	Endosulfa...	6.754	7.675	6757.3E6	12467.7E6	164.030	164.641	
18)	B	Endrin al...	6.924	7.799	5372.8E6	9923.1E6	167.681	164.092	
19)	B	Endosulfa...	7.131	8.023	5182.7E6	11226.2E6	173.131	166.181	
21)	B	Endrin ke...	7.619	8.499	5685.2E6	9982.1E6	172.321	167.377	

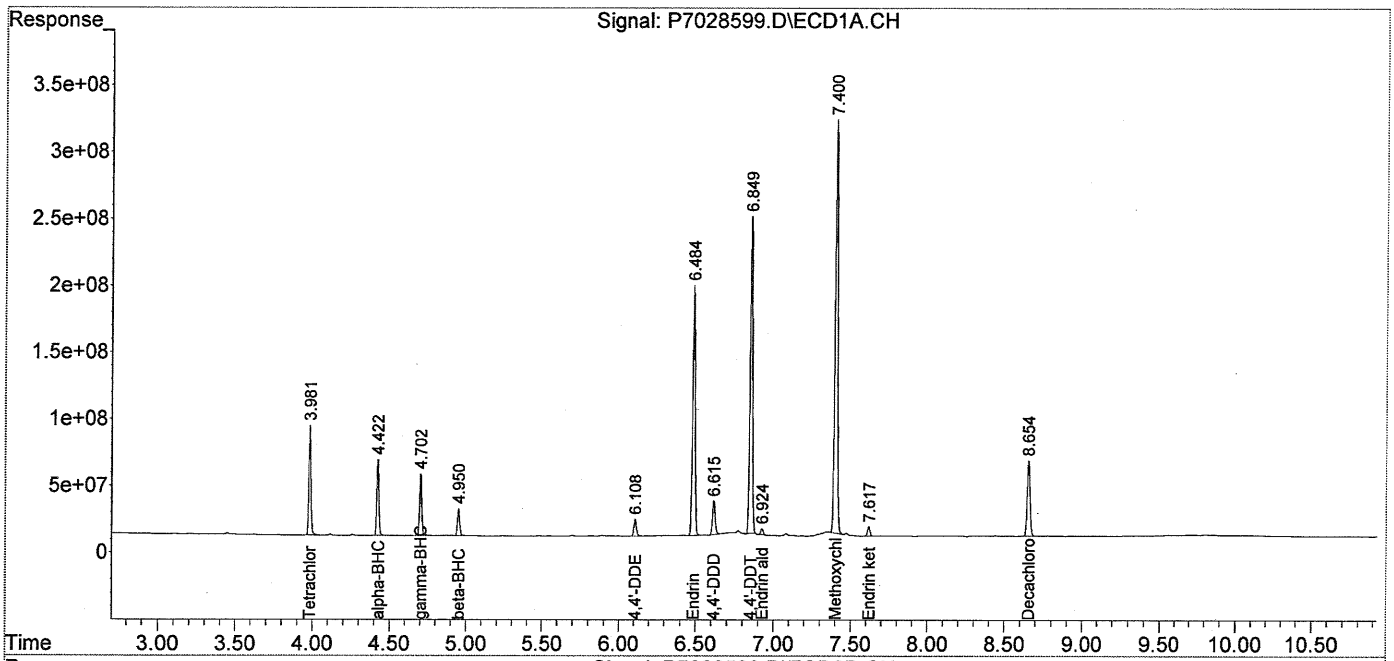
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

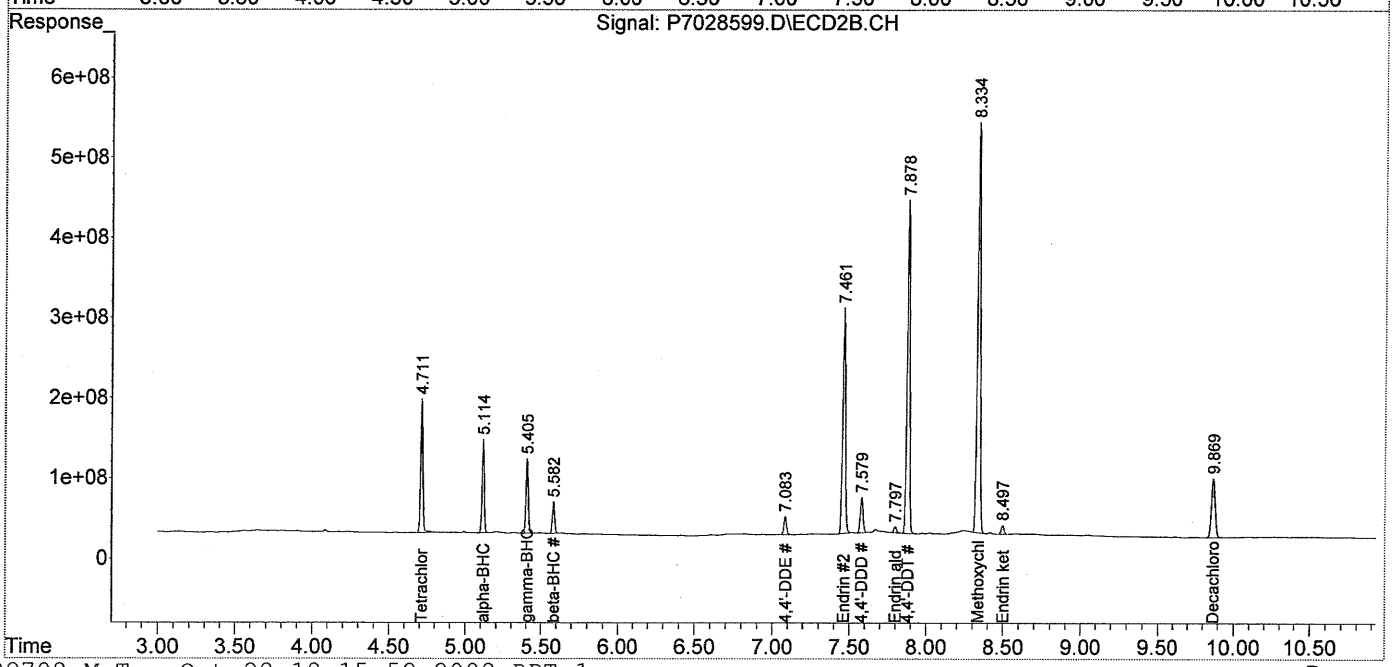
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028599.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 18:26
Operator : JJ
Sample : PEMP70002
Misc : PEM02
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:15:44 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028599.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 18:26
Operator : JJ
Sample : PEMP70002
Misc : PEM02
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 18:15:44 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
System Monitoring Compounds									
1)	SA	Tetrachlo...	3.983	4.713	785.2E6	1700.8E6	19.336	19.394	
22)	SA	Decachlor...	8.655	9.870	696.5E6	1233.6E6	19.513	18.636	
Target Compounds									
2)	A	alpha-BHC	4.424	5.115	540.2E6	1174.0E6	9.493	9.804	
3)	MA	gamma-BHC...	4.703	5.406	456.3E6	968.7E6	9.130	9.134	
6)	B	beta-BHC	4.952	5.584	203.5E6	428.2E6	9.157	9.041	
12)	B	4,4'-DDE	6.109	7.085	146.0E6	280.6E6	3.148	3.292	
14)	MA	Endrin	6.485	7.462	2076.6E6	3436.0E6	52.111	52.130	
16)	A	4,4'-DDD	6.617	7.580	295.0E6	552.4E6	7.692	7.032	
17)	MA	4,4'-DDT	6.850	7.879	2641.2E6	4988.5E6	101.522	91.296	
18)	B	Endrin al...	6.925	7.799	39095354	96956810	1.223	1.607	#
20)	A	Methoxychlor	7.401	8.335	3694.0E6	6523.9E6	247.408	245.271	
21)	B	Endrin ke...	7.619	8.498	84108011	137.5E6	2.661	2.317	

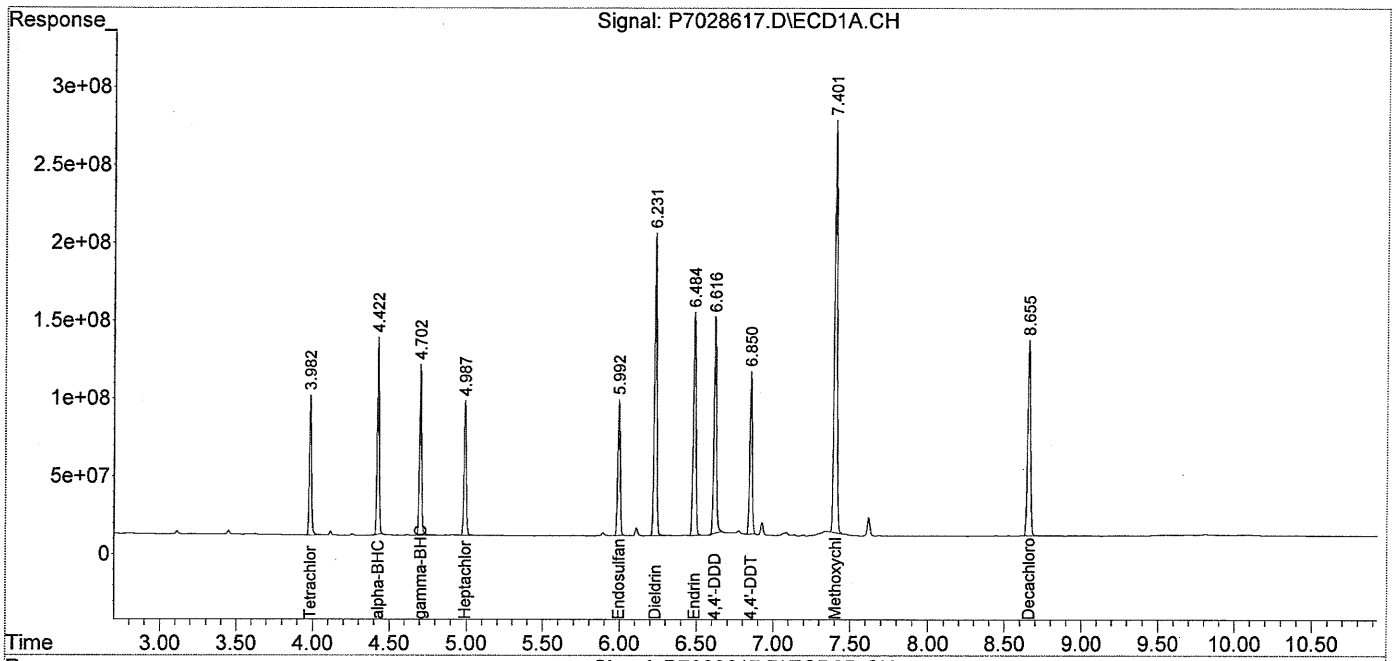
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

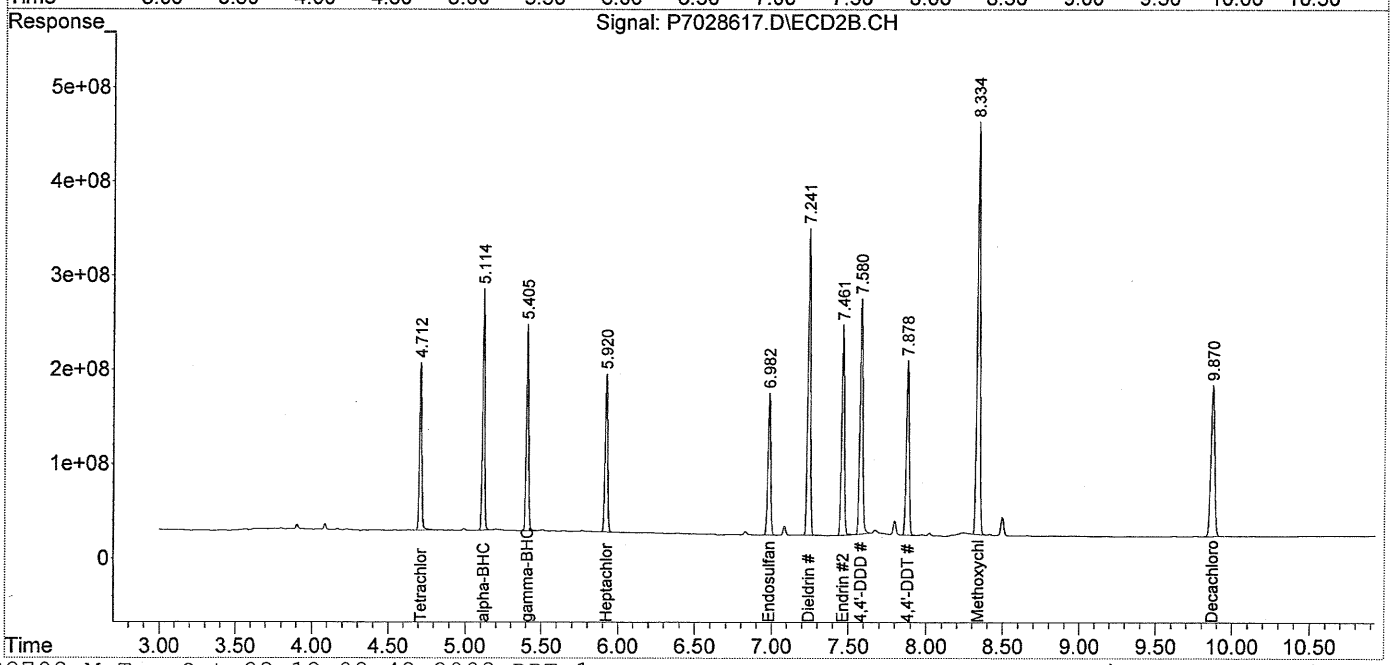
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028617.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:28
Operator : JJ
Sample : INDACS3AP70011
Misc : INDA302
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:08:51 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028617.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:28
Operator : JJ
Sample : INDACS3AP70011
Misc : INDA302
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:08:51 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	843.3E6	1840.6E6	20.766	20.988
22)	SA	Decachlor...	8.656	9.871	1556.7E6	2719.2E6	43.615	41.079
Target Compounds								
2)	A	alpha-BHC	4.424	5.116	1160.2E6	2558.0E6	20.388	21.361
3)	MA	gamma-BHC...	4.704	5.407	1054.1E6	2261.9E6	21.092	21.328
4)	MA	Heptachlor	4.989	5.922	894.1E6	1892.3E6	19.733	19.919
9)	A	Endosulfan I	5.994	6.983	919.7E6	1774.6E6	20.958	20.851
13)	MA	Dieldrin	6.232	7.242	2106.1E6	3922.3E6	42.027	43.645
14)	MA	Endrin	6.485	7.463	1596.7E6	2708.2E6	40.069	41.087
16)	A	4,4'-DDD	6.618	7.581	1654.0E6	3189.6E6	43.128	40.609
17)	MA	4,4'-DDT	6.851	7.879	1163.5E6	2295.8E6	44.722	42.016
20)	A	Methoxychlor	7.402	8.336	3126.0E6	5592.8E6	209.365	210.265

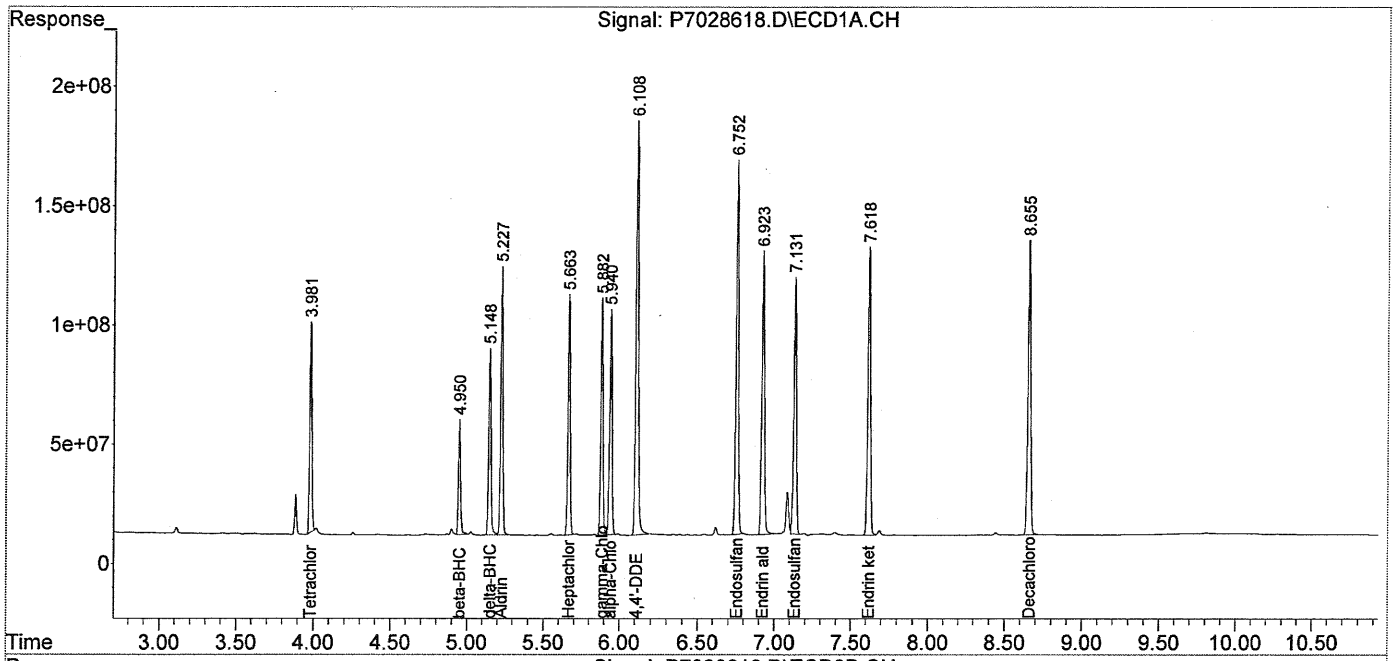
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

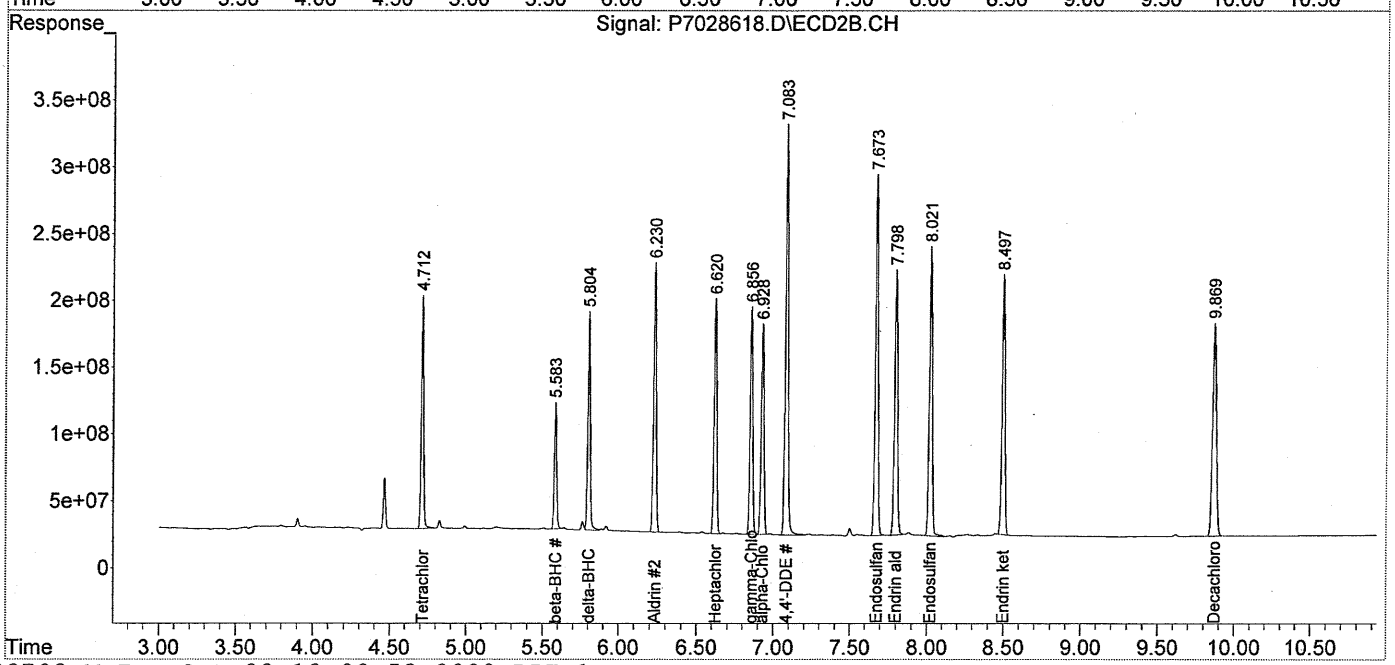
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028618.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:42
Operator : JJ
Sample : INDBCS3BP70012
Misc : INDB302
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:09:19 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028618.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:42
Operator : JJ
Sample : INDBCS3BP70012
Misc : INDB302
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:09:19 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.713	819.0E6	1804.6E6	20.169	20.578
22)	SA	Decachlor...	8.656	9.870	1546.0E6	2708.8E6	43.314	40.921
Target Compounds								
5)	MB	Aldrin	5.228	6.231	1158.0E6	2307.6E6	21.702	21.378
6)	B	beta-BHC	4.951	5.584	478.2E6	1007.8E6	21.518	21.279
7)	B	delta-BHC	5.150	5.805	816.7E6	1803.4E6	21.677	22.021
8)	B	Heptachlo...	5.664	6.622	1047.5E6	2035.8E6	21.488	21.321
10)	B	gamma-Chl...	5.883	6.857	1047.8E6	2013.8E6	21.619	21.554
11)	B	alpha-Chl...	5.941	6.930	1008.9E6	1891.9E6	21.516	21.195
12)	B	4,4'-DDE	6.109	7.085	1992.8E6	3844.2E6	42.961	45.093
15)	B	Endosulfa...	6.754	7.675	1766.6E6	3286.2E6	43.353	44.406
18)	B	Endrin al...	6.924	7.800	1393.6E6	2599.4E6	43.585	43.073
19)	B	Endosulfa...	7.132	8.023	1270.4E6	2819.0E6	42.931	41.655
21)	B	Endrin ke...	7.619	8.499	1444.4E6	2545.6E6	45.688	42.904

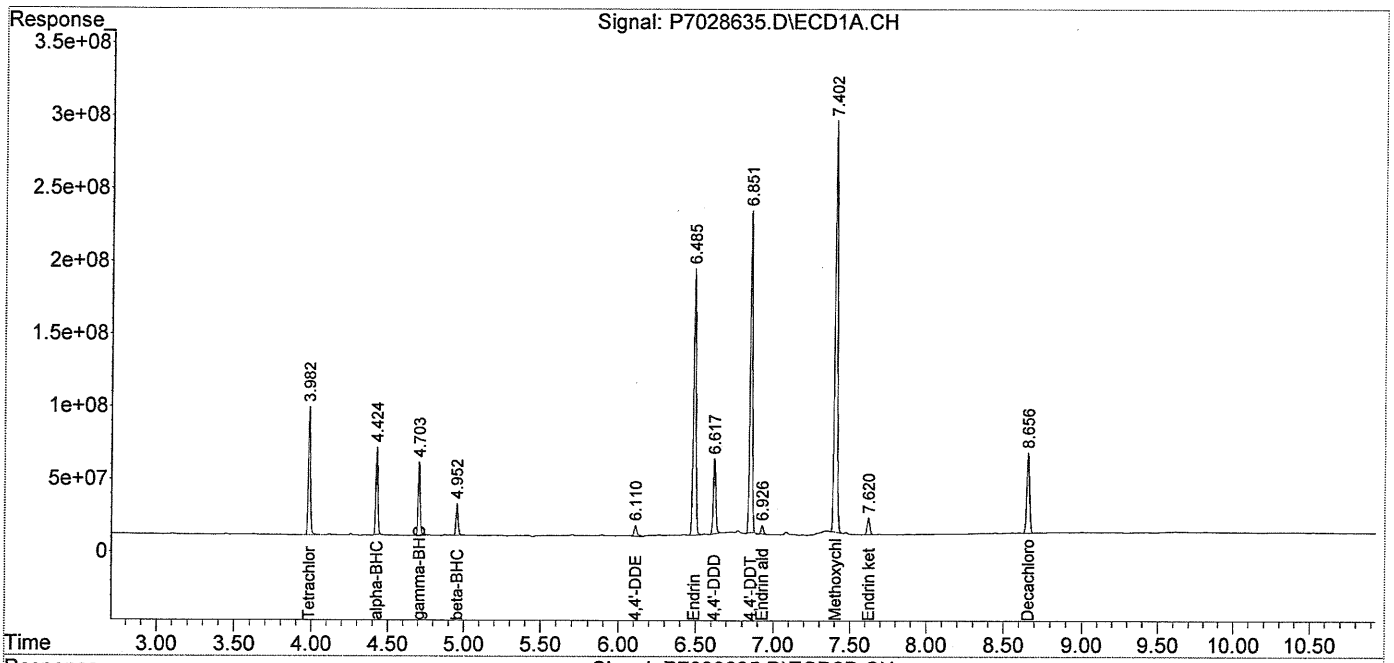
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

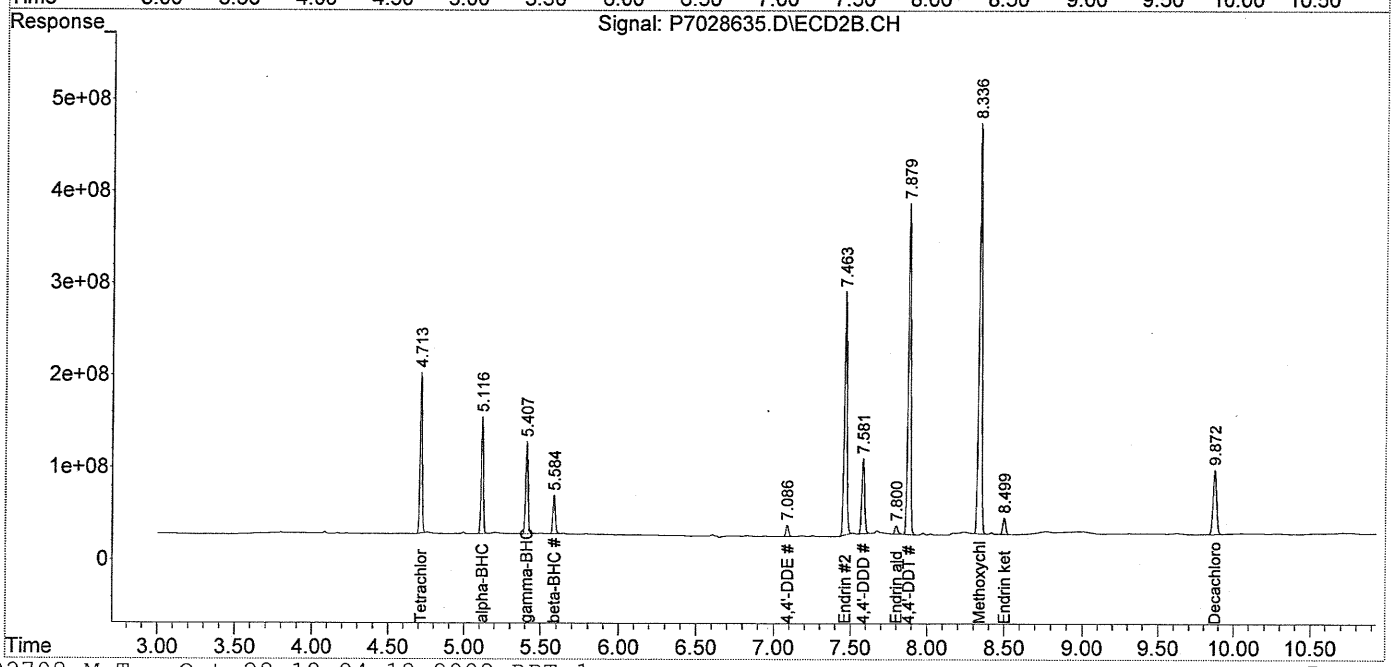
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028635.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:43
Operator : JJ
Sample : PEMP70003
Misc : PEM03
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:54:07 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028635.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:43
Operator : JJ
Sample : PEMP70003
Misc : PEM03
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:54:07 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.984	4.714	825.1E6	1711.8E6	20.319	19.520
22)	SA	Decachlor...	8.658	9.873	672.8E6	1171.5E6	18.851	17.698
Target Compounds								
2)	A	alpha-BHC	4.425	5.117	567.6E6	1284.9E6	9.975	10.730
3)	MA	gamma-BHC...	4.705	5.408	492.8E6	1054.9E6	9.860	9.947
6)	B	beta-BHC	4.953	5.586	219.5E6	453.9E6	9.877	9.585
12)	B	4,4'-DDE	6.111	7.087	97263984	152.7E6	2.097	1.791
14)	MA	Endrin	6.487	7.464	2062.6E6	3167.6E6	51.761	48.058
16)	A	4,4'-DDD	6.618	7.582	578.1E6	1035.0E6	15.073	13.177
17)	MA	4,4'-DDT	6.853	7.881	2405.5E6	4290.2E6	92.463	78.517
18)	B	Endrin al...	6.927	7.801	53667799	121.9E6	1.678	2.021
20)	A	Methoxychlor	7.404	8.338	3317.6E6	5673.1E6	222.194	213.285
21)	B	Endrin ke...	7.621	8.501	134.5E6	234.0E6	4.256	3.944

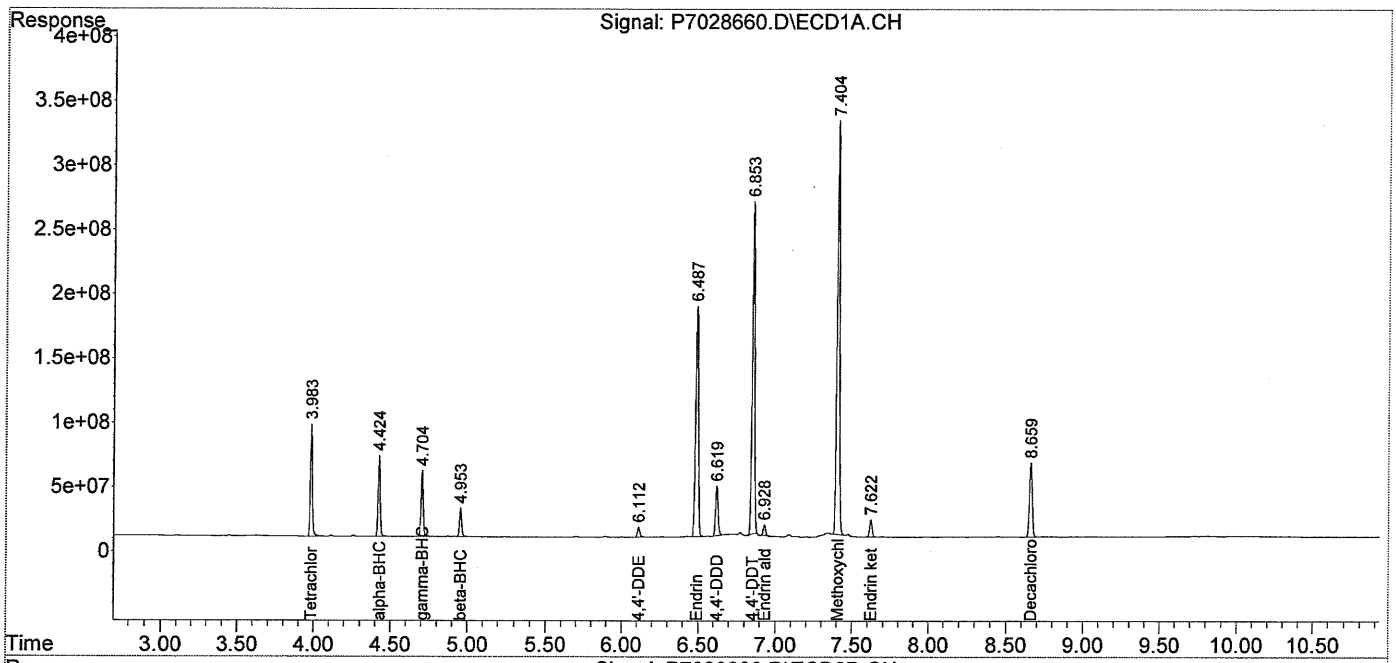
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

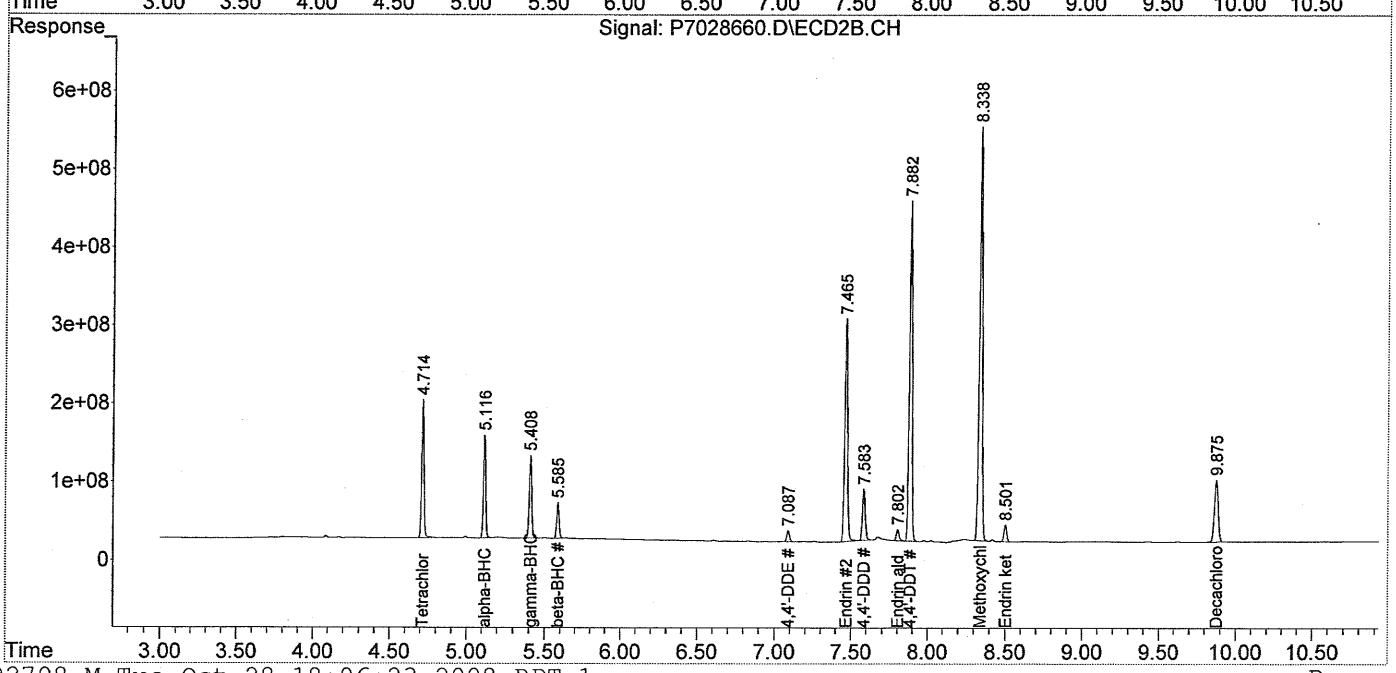
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028660.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 9:42
Operator : JJ
Sample : PEMP70004
Misc : PEM04
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:31:10 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028660.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 9:42
Operator : JJ
Sample : PEMP70004
Misc : PEM04
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:31:10 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
System Monitoring Compounds									
1)	SA	Tetrachlo...	3.985	4.715	843.7E6	1829.0E6	20.776	20.856	
22)	SA	Decachlor...	8.660	9.876	731.2E6	1317.6E6	20.487	19.904	
Target Compounds									
2)	A	alpha-BHC	4.426	5.118	599.3E6	1343.4E6	10.531	11.219	
3)	MA	gamma-BHC...	4.706	5.409	505.2E6	1116.0E6	10.109	10.523	
6)	B	beta-BHC	4.954	5.587	224.4E6	479.3E6	10.098	10.121	
12)	B	4,4'-DDE	6.113	7.088	90957226	182.1E6	1.961	2.136	
14)	MA	Endrin	6.489	7.466	2098.0E6	3586.1E6	52.648	54.406	
16)	A	4,4'-DDD	6.621	7.584	438.9E6	826.3E6	11.443	10.520	
17)	MA	4,4'-DDT	6.854	7.883	2892.9E6	5376.4E6	111.199	98.395	
18)	B	Endrin al...	6.929	7.803	71561155	188.9E6	2.238	3.130	#
20)	A	Methoxychlor	7.406	8.340	3817.9E6	6762.0E6	255.705	254.222	
21)	B	Endrin ke...	7.623	8.502	153.9E6	275.1E6	4.870	4.637	

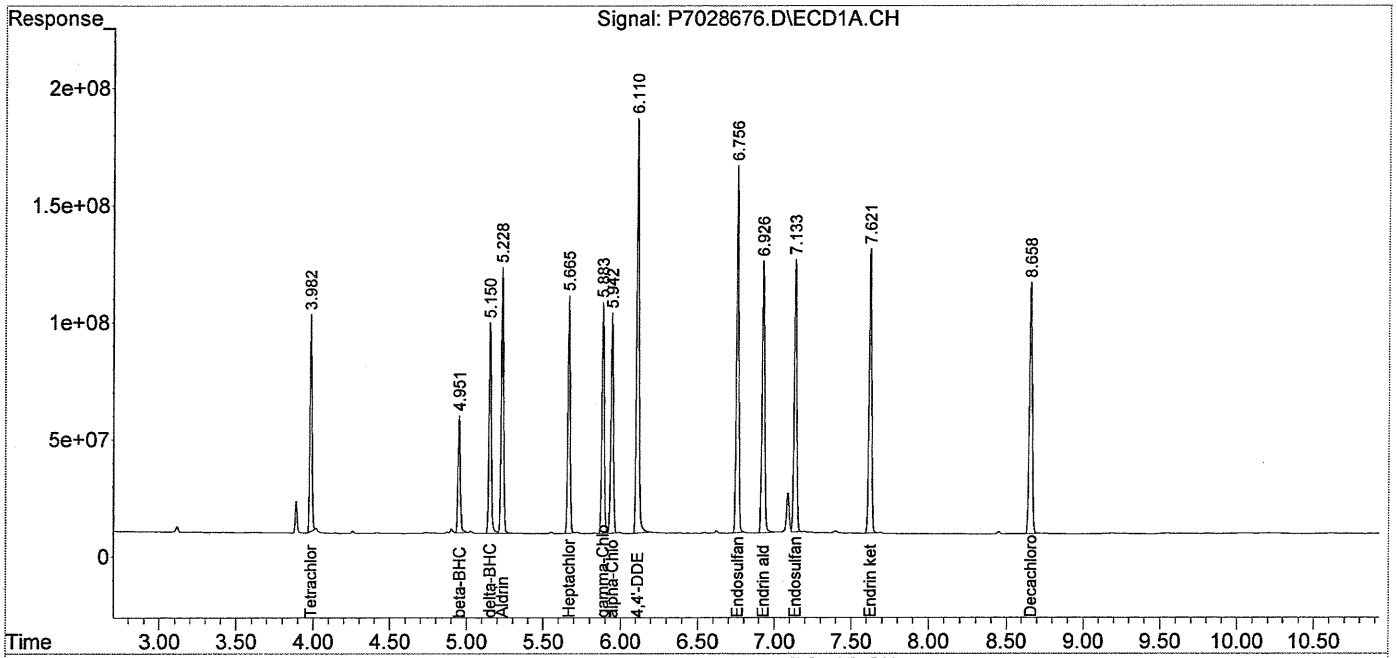
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

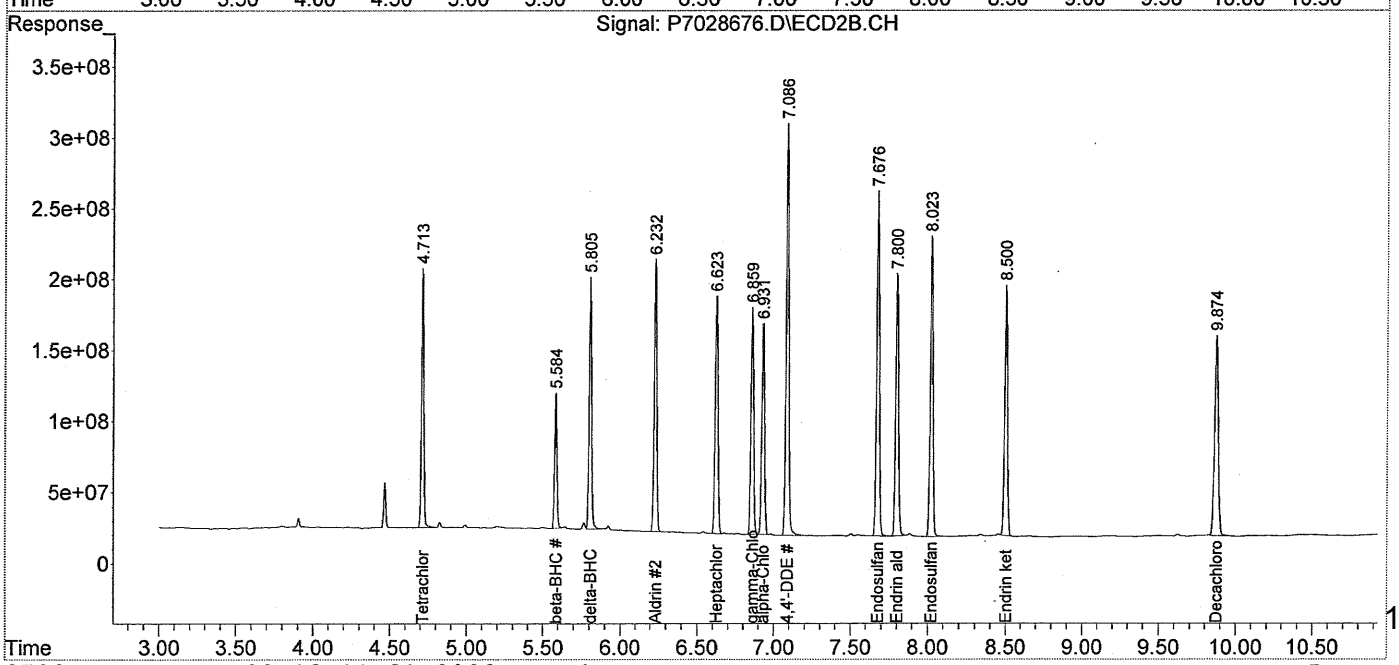
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028676.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 16:01
Operator : JJ
Sample : INDBCS3BP70016
Misc : INDB304
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 15:57:38 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028676.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 16:01
Operator : JJ
Sample : INDBCS3BP70016
Misc : INDB304
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 15:57:38 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.984	4.714	845.3E6	1859.7E6	20.816	21.206
22)	SA	Decachlor...	8.659	9.875	1357.0E6	2394.4E6	38.019	36.171
Target Compounds								
5)	MB	Aldrin	5.230	6.233	1175.4E6	2243.4E6	22.030	20.784
6)	B	beta-BHC	4.953	5.586	495.6E6	1024.7E6	22.302	21.637
7)	B	delta-BHC	5.151	5.807	909.9E6	1947.1E6	24.153	23.776
8)	B	Heptachlo...	5.667	6.624	1055.4E6	1950.0E6	21.651	20.424
10)	B	gamma-Chl...	5.884	6.860	1053.0E6	1903.1E6	21.726	20.369
11)	B	alpha-Chl...	5.943	6.932	1013.2E6	1782.8E6	21.609	19.973
12)	B	4,4'-DDE	6.112	7.087	1983.7E6	3525.9E6	42.764	41.359
15)	B	Endosulfa...	6.757	7.678	1759.8E6	2992.4E6	43.187	40.435
18)	B	Endrin al...	6.927	7.801	1346.1E6	2278.6E6	42.099	37.757
19)	B	Endosulfa...	7.135	8.025	1350.3E6	2629.9E6	45.630	38.860
21)	B	Endrin ke...	7.622	8.501	1408.2E6	2227.3E6	44.545	37.538

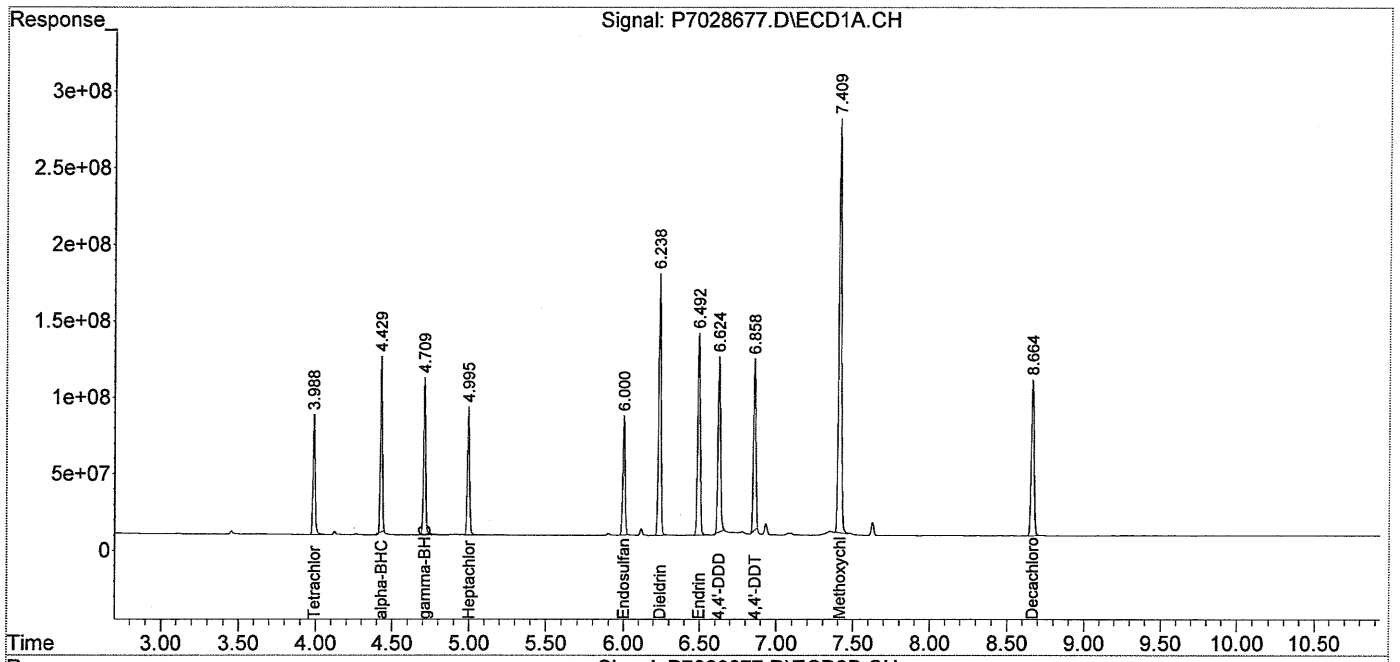
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

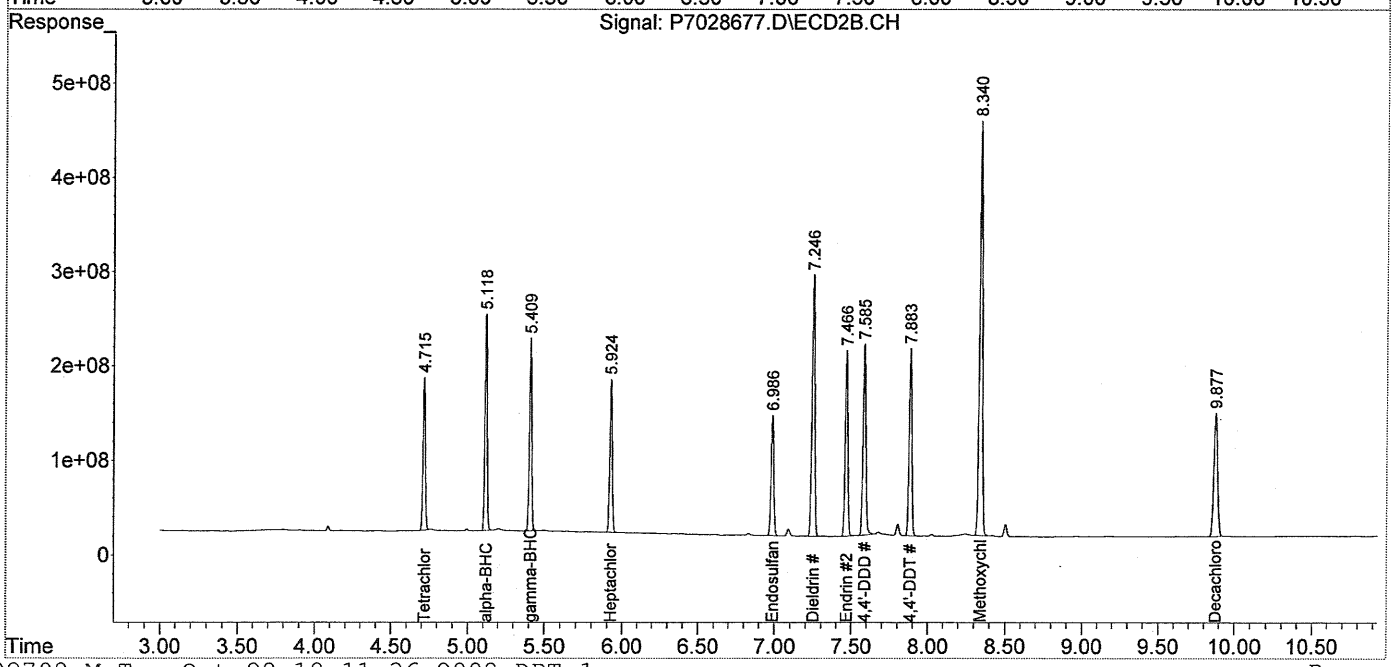
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028677.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 17:46
Operator : JJ
Sample : INDACS3AP70017
Misc : INDA304
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:03:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028677.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 17:46
Operator : JJ
Sample : INDACS3AP70017
Misc : INDA304
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:03:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.989	4.716	770.7E6	1647.9E6	18.979	18.791
22)	SA	Decachlor...	8.665	9.879	1284.9E6	2249.6E6	35.999	33.984
Target Compounds								
2)	A	alpha-BHC	4.430	5.119	1027.5E6	2380.6E6	18.057	19.880
3)	MA	gamma-BHC...	4.710	5.410	989.8E6	2116.4E6	19.804	19.956
4)	MA	Heptachlor	4.996	5.926	852.1E6	1842.1E6	18.806	19.391
9)	A	Endosulfan I	6.001	6.988	831.8E6	1552.0E6	18.954	18.235
13)	MA	Dieldrin	6.240	7.247	1898.7E6	3411.7E6	37.887	37.963
14)	MA	Endrin	6.493	7.468	1480.1E6	2367.2E6	37.144	35.914
16)	A	4,4'-DDD	6.626	7.586	1351.0E6	2593.9E6	35.226	33.024
17)	MA	4,4'-DDT	6.860	7.885	1213.0E6	2368.8E6	46.628	43.352
20)	A	Methoxychlor	7.411	8.342	3220.0E6	5486.7E6	215.664	206.275

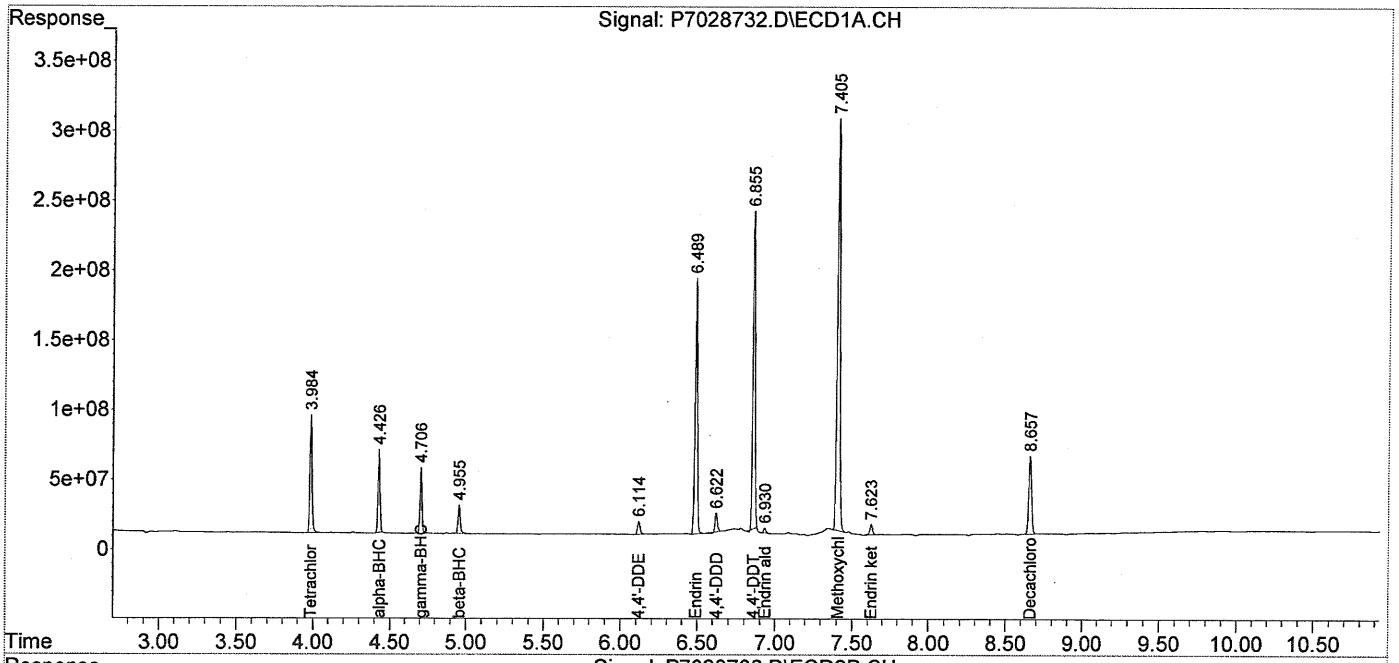
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

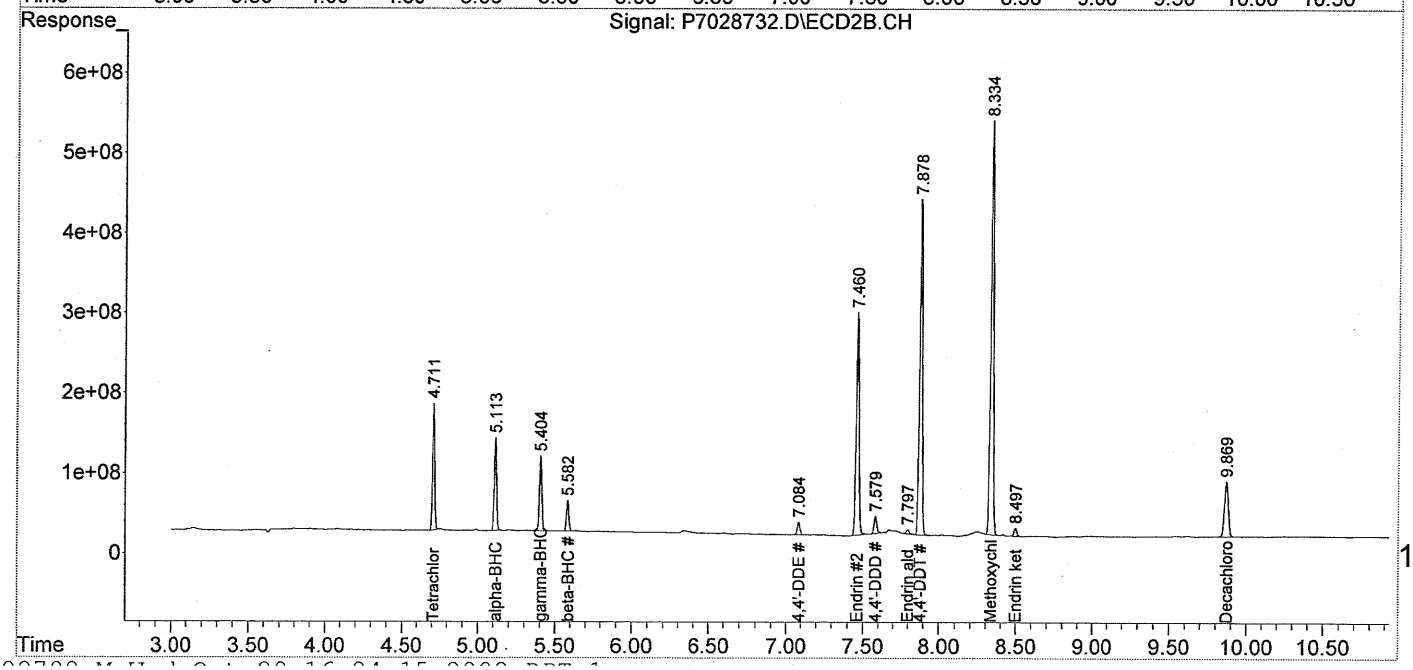
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 11:47
Operator : LH
Sample : PEMP70005
Misc : PEM05
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:34:17 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028732.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 11:47
Operator : LH
Sample : PEMP70005
Misc : PEM05
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:34:17 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.986	4.712	817.6E6	1582.5E6	20.134	18.045	
22)	SA	Decachlor...	8.658	9.870	684.5E6	1193.2E6	19.178	18.025	
		Target Compounds							
2)	A	alpha-BHC	4.428	5.114	539.7E6	1171.9E6	9.485	9.786	
3)	MA	gamma-BHC...	4.708	5.406	452.9E6	986.8E6	9.061	9.305	
6)	B	beta-BHC	4.957	5.583	212.2E6	413.1E6	9.550	8.724	
12)	B	4,4'-DDE	6.116	7.085	114.4E6	207.5E6	2.467	2.433	
14)	MA	Endrin	6.491	7.462	2057.2E6	3421.7E6	51.626	51.913	
16)	A	4,4'-DDD	6.623	7.581	138.1E6	269.6E6	3.602	3.433	
17)	MA	4,4'-DDT	6.856	7.879	2512.7E6	5127.0E6	96.584	93.831	
18)	B	Endrin al...	6.931	7.799	32182970	74995931	1.007	1.243	
20)	A	Methoxychlor	7.406	8.335	3585.7E6	6629.9E6	240.155	249.256	
21)	B	Endrin ke...	7.624	8.498	96740217	133.9E6	3.060	2.256	#

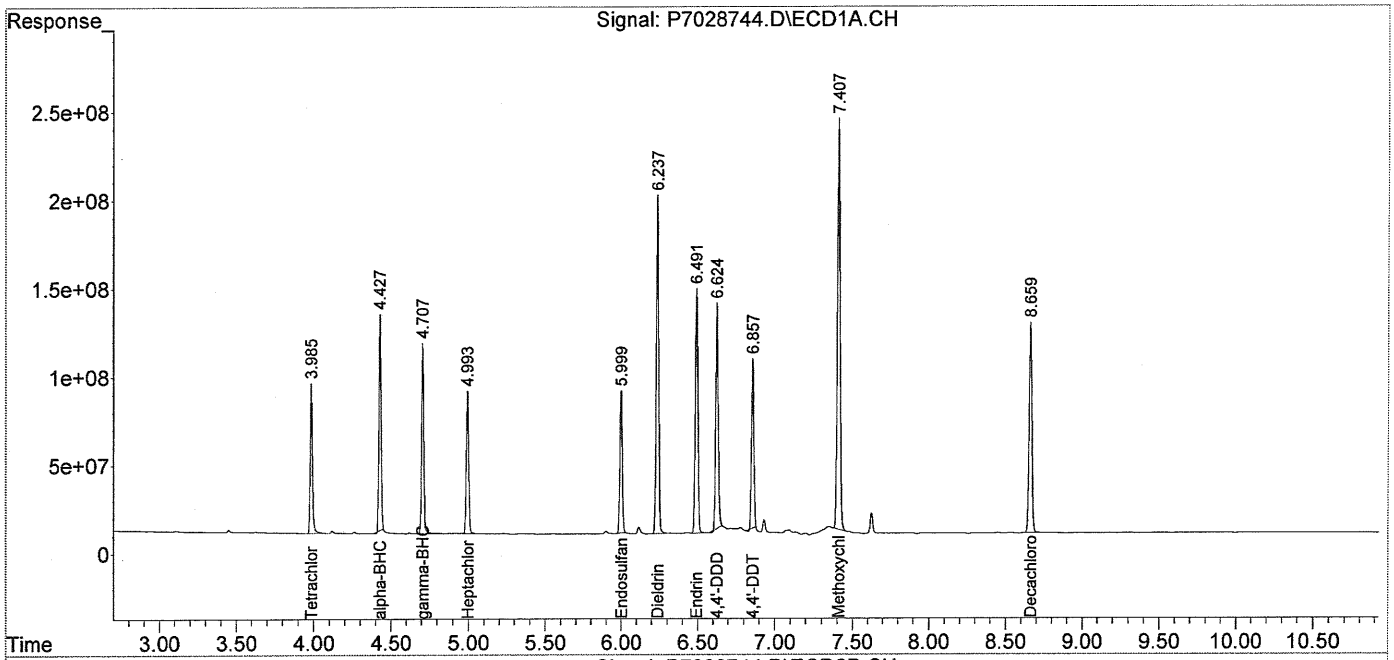
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

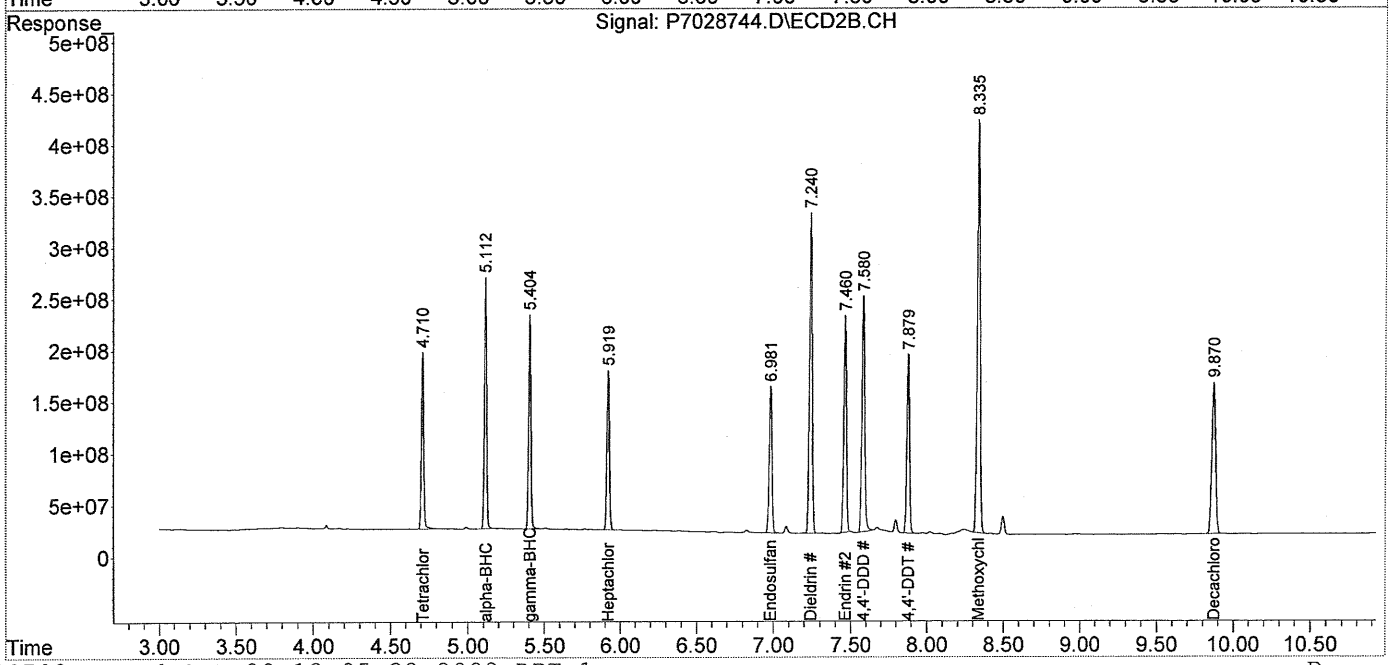
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 14:56
Operator : LH
Sample : INDACS3AP70018
Misc : INDA305
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:41:28 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028744.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 14:56
Operator : LH
Sample : INDACS3AP70018
Misc : INDA305
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:41:28 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.987	4.712	851.1E6	1752.7E6	20.960	19.986
2)	SA	Decachlor...	8.661	9.871	1495.1E6	2525.2E6	41.890	38.148
Target Compounds								
2)	A	alpha-BHC	4.428	5.114	1132.2E6	2491.5E6	19.897	20.807
3)	MA	gamma-BHC...	4.709	5.405	1049.7E6	2190.0E6	21.004	20.651
4)	MA	Heptachlor	4.994	5.920	829.1E6	1780.0E6	18.297	18.737
9)	A	Endosulfan I	6.000	6.982	895.2E6	1719.3E6	20.398	20.202
.3)	MA	Dieldrin	6.238	7.241	2054.4E6	3773.7E6	40.994	41.991
.4)	MA	Endrin	6.492	7.462	1536.1E6	2512.3E6	38.549	38.115
.6)	A	4,4'-DDD	6.626	7.581	1507.2E6	2950.6E6	39.299	37.565
.7)	MA	4,4'-DDT	6.859	7.880	1006.6E6	2109.6E6	38.693	38.608
0)	A	Methoxychlor	7.409	8.336	2812.2E6	5163.2E6	188.351	194.113

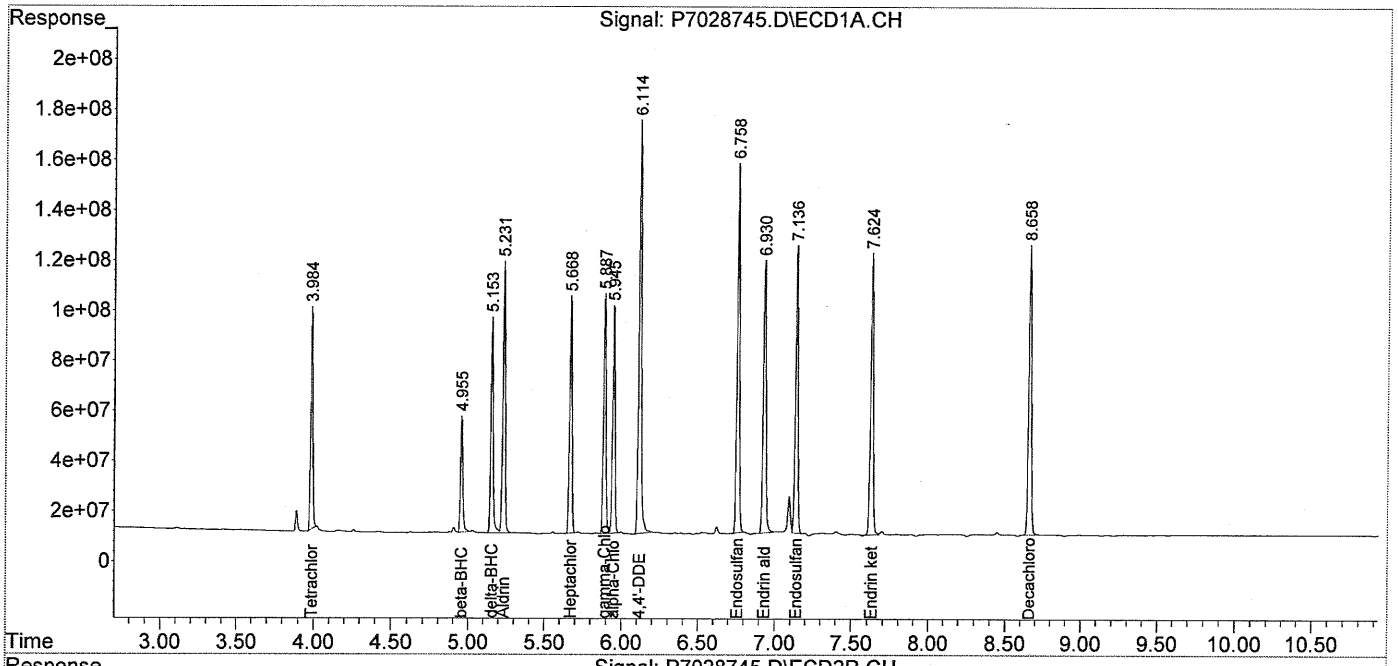
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

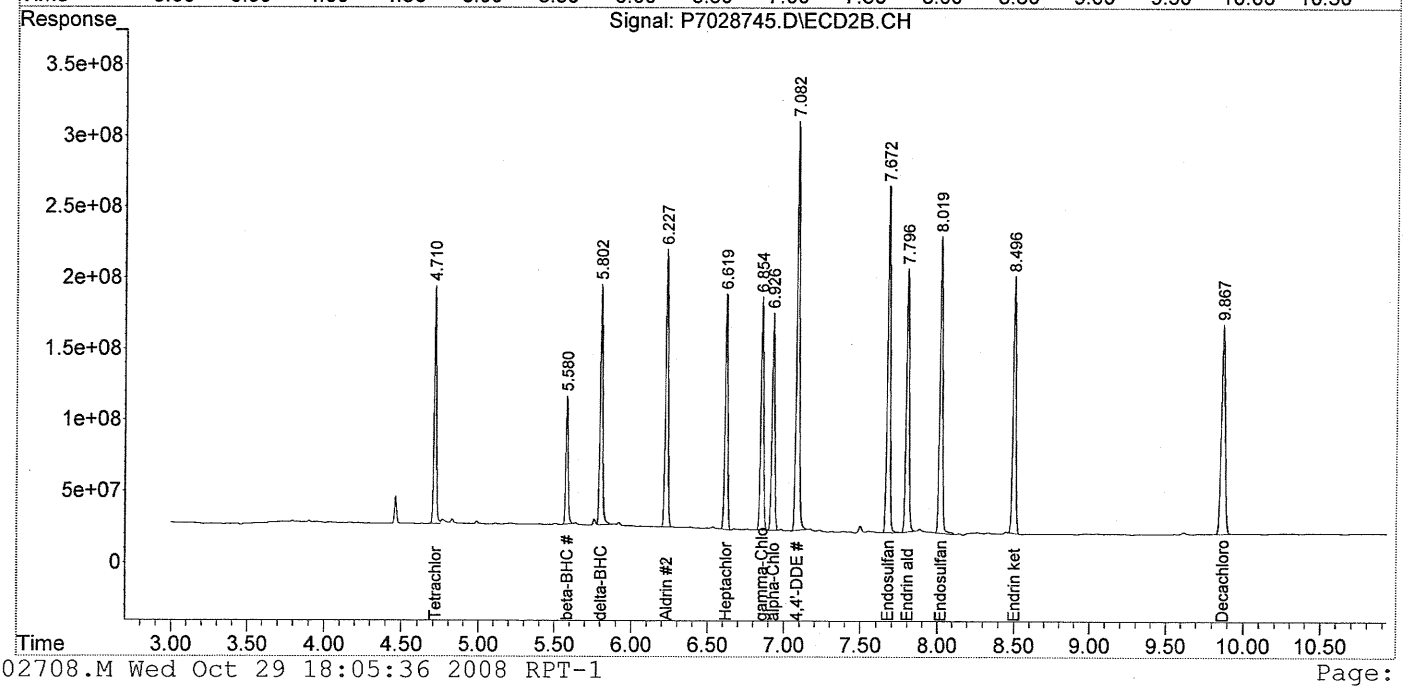
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028745.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 15:10
Operator : LH
Sample : INDBCS3BP70019
Misc : INDB305
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:42:07 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028745.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 15:10
Operator : LH
Sample : INDBCS3BP70019
Misc : INDB305
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:42:07 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.986	4.711	814.3E6	1707.7E6	20.053	19.473
22)	SA	Decachlor...	8.659	9.869	1468.6E6	2479.0E6	41.146	37.449
Target Compounds								
5)	MB	Aldrin	5.233	6.228	1138.8E6	2236.9E6	21.343	20.723
6)	B	beta-BHC	4.956	5.582	468.2E6	957.2E6	21.070	20.212
7)	B	delta-BHC	5.155	5.803	904.1E6	1935.2E6	23.996	23.630
8)	B	Heptachlo...	5.670	6.620	1011.9E6	1972.7E6	20.759	20.661
10)	B	gamma-Chl...	5.888	6.856	1033.0E6	1952.0E6	21.313	20.893
11)	B	alpha-Chl...	5.947	6.928	996.7E6	1834.3E6	21.257	20.550
12)	B	4,4'-DDE	6.116	7.083	1911.1E6	3657.8E6	41.199	42.906
15)	B	Endosulfa...	6.760	7.674	1675.0E6	3067.5E6	41.105	41.450
18)	B	Endrin al...	6.931	7.797	1293.7E6	2390.8E6	40.460	39.616
19)	B	Endosulfa...	7.138	8.021	1294.1E6	2732.8E6	43.731	40.381
21)	B	Endrin ke...	7.625	8.497	1317.7E6	2282.3E6	41.683	38.466

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

CHEMTECH

PESTICIDE/PCB RAW QC DATA

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70001(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70001

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028598.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/27/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70001(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70001

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028598.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/27/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

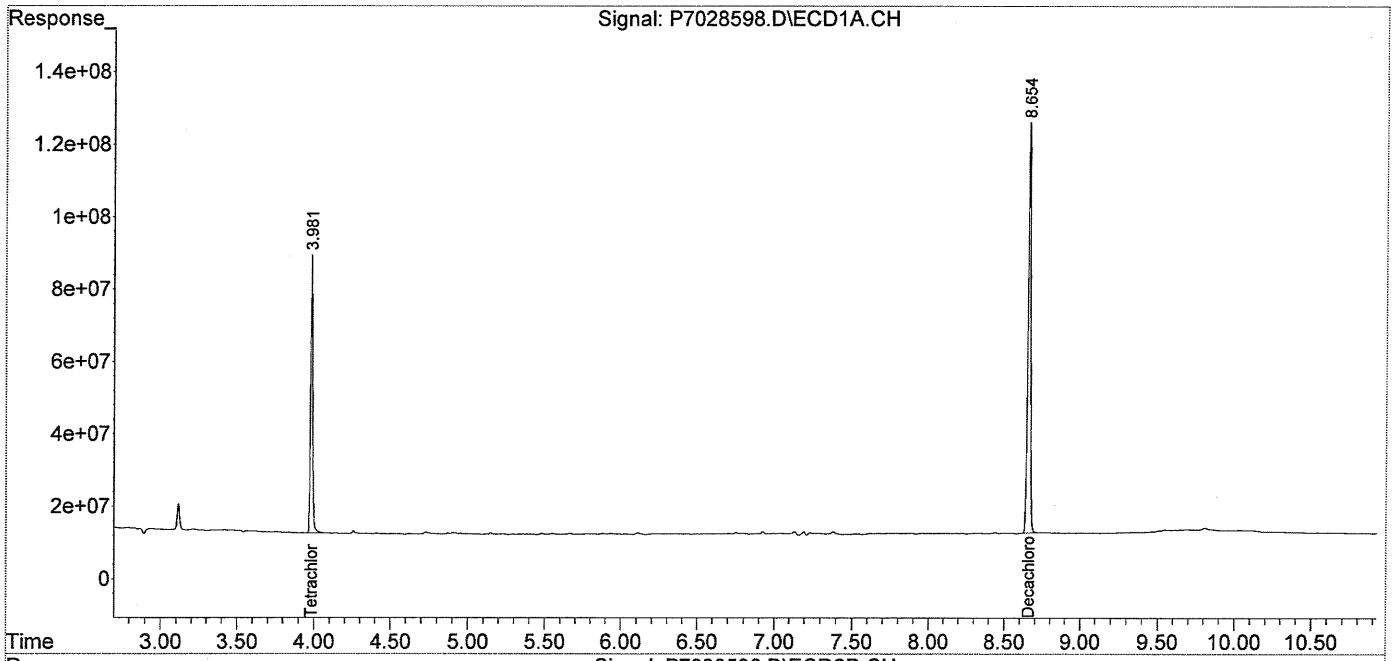
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

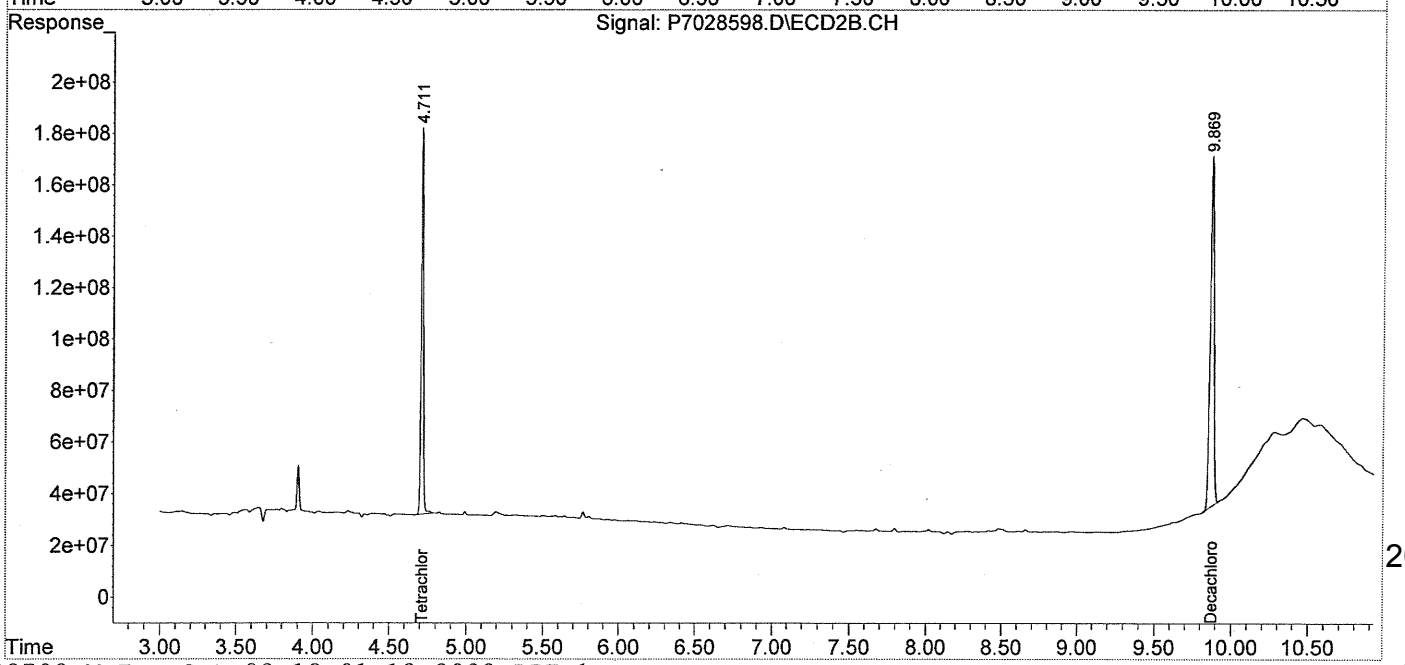
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028598.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 18:11
Operator : JJ
Sample : PIBLKP70001
Misc : PIBLK01
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:14:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028598.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 18:11
Operator : JJ
Sample : PIBLKP70001
Misc : PIBLK01
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:14:22 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.982	4.713	740.6E6	1531.4E6	18.239	17.462
22) SA Decachlor...	8.655	9.870	1362.6E6	2288.7E6	38.176	34.574
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70002(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70002

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028616.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/27/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70002(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70002

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028616.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/27/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

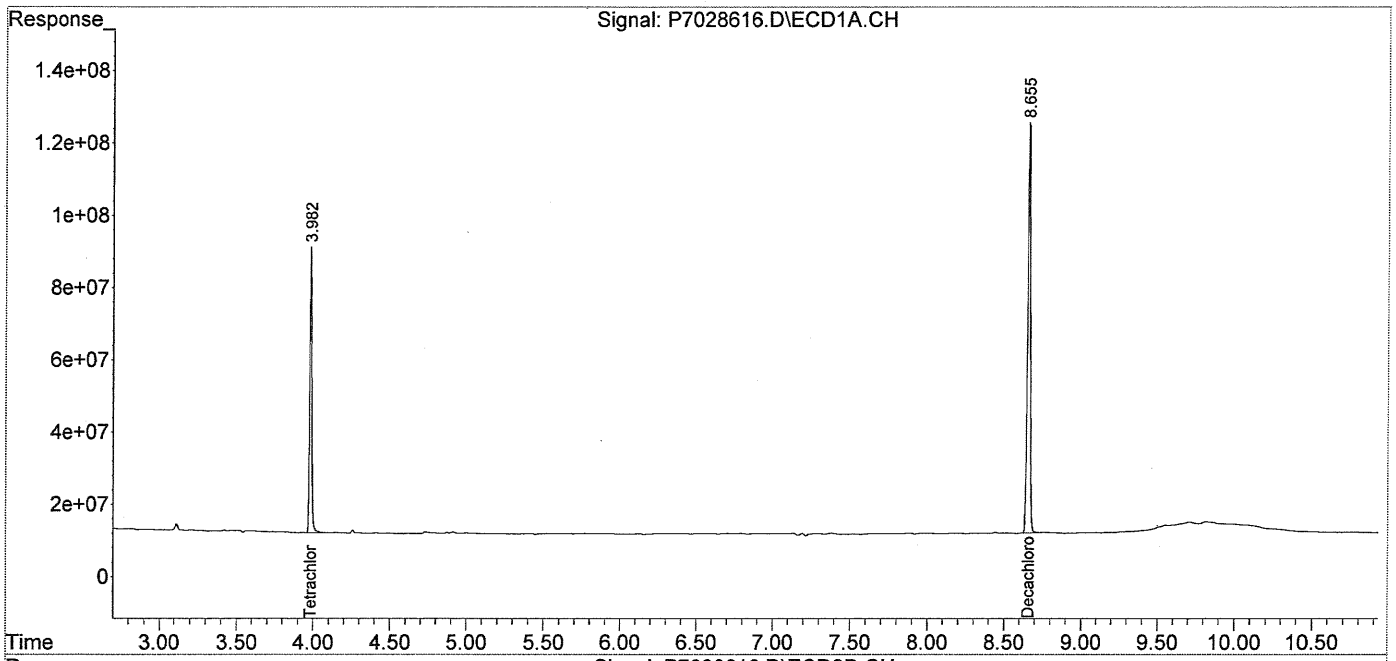
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

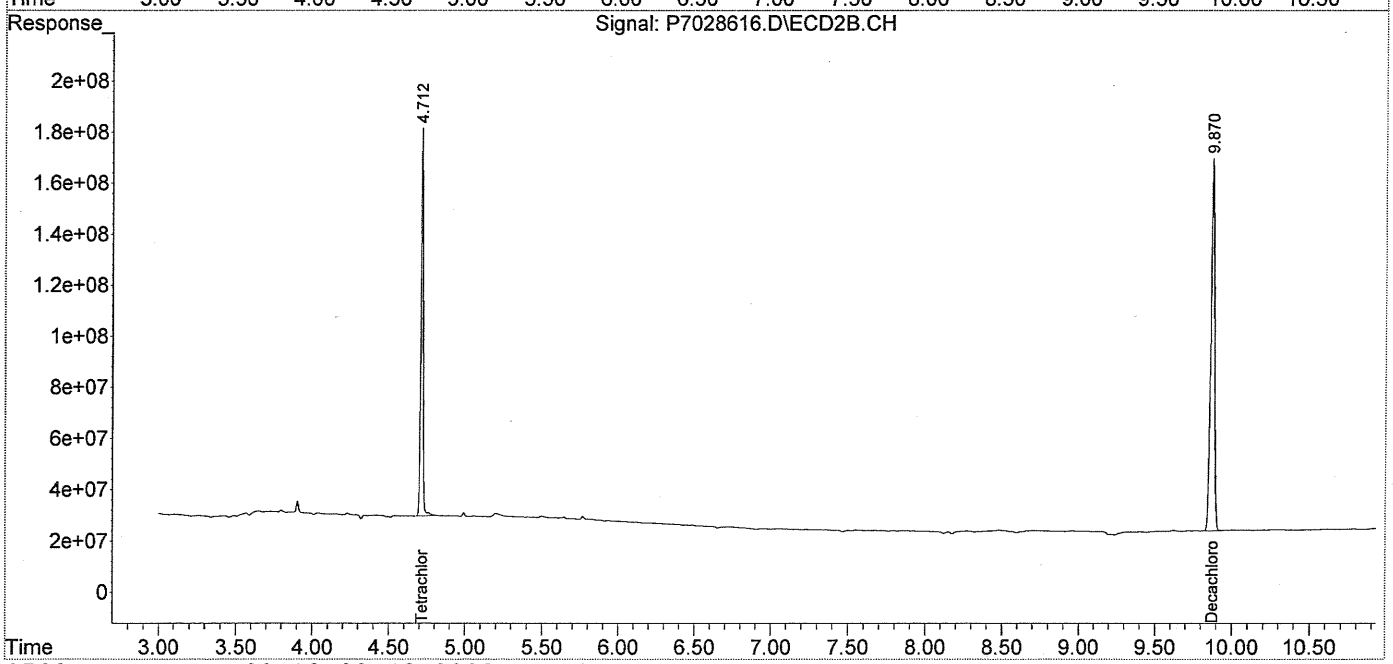
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028616.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:13
Operator : JJ
Sample : PIBLKP70002
Misc : PIBLK02
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:08:29 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028616.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:13
Operator : JJ
Sample : PIBLKP70002
Misc : PIBLK02
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:08:29 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	765.8E6	1615.0E6	18.858	18.415
22) SA Decachlor...	8.657	9.871	1436.0E6	2482.4E6	40.232	37.501
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70003(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70003

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028634.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70003(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70003

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028634.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

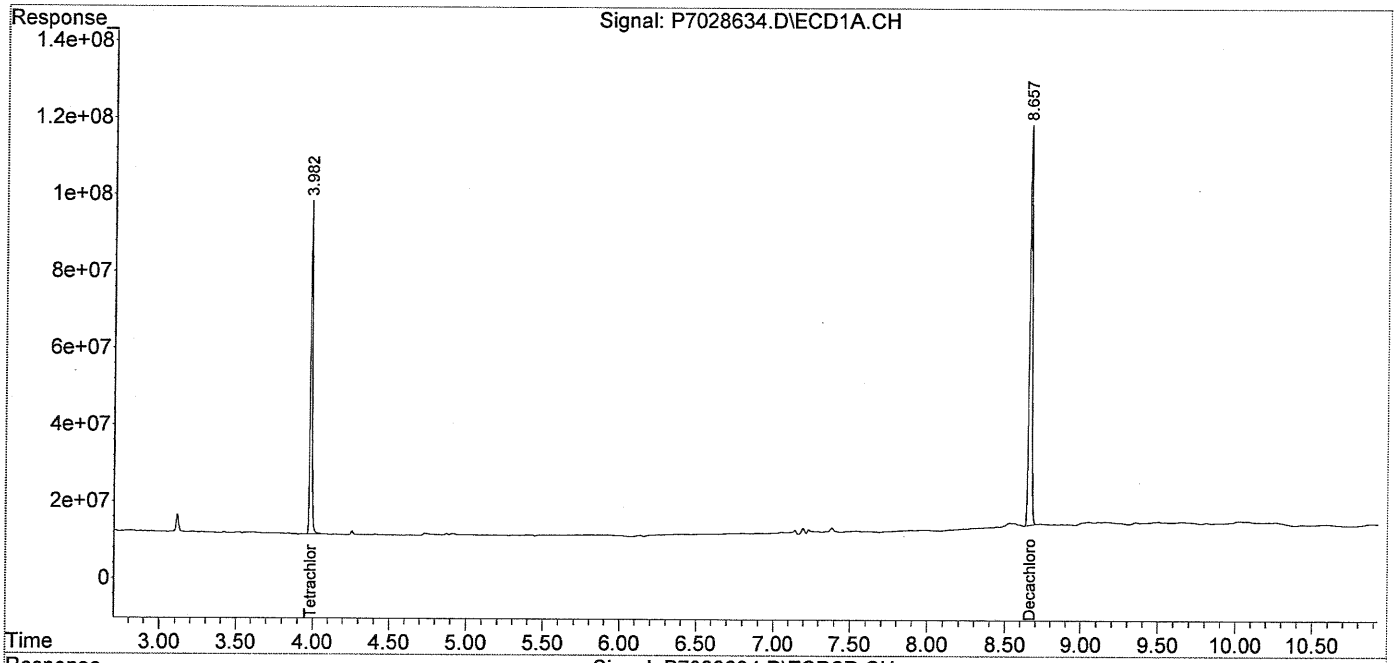
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

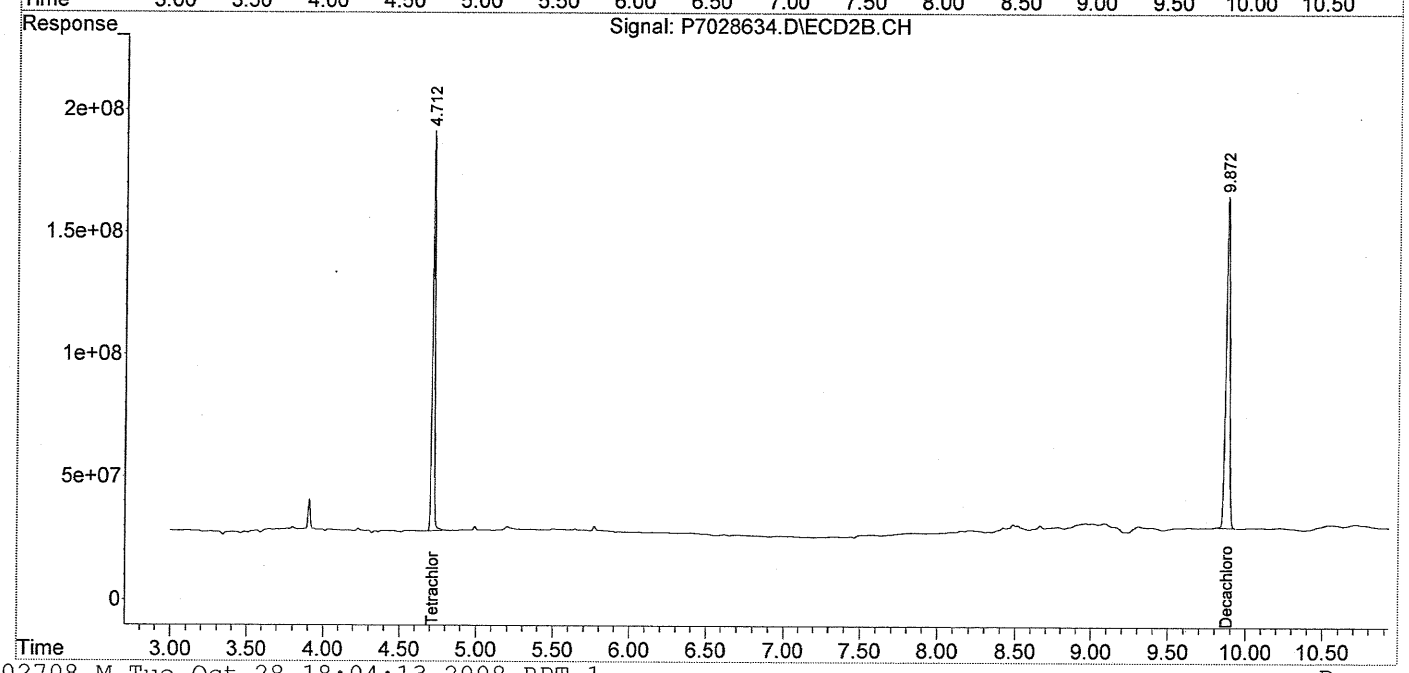
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028634.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:29
Operator : JJ
Sample : PIBLKP70003
Misc : PIBLK03
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:53:23 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028634.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 3:29
Operator : JJ
Sample : PIBLKP70003
Misc : PIBLK03
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:53:23 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.983	4.714	808.6E6	1667.8E6	19.913	19.018
22) SA Decachlor...	8.658	9.874	1300.5E6	2290.6E6	36.436	34.604
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70005(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70005

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028659.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70005(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70005

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028659.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

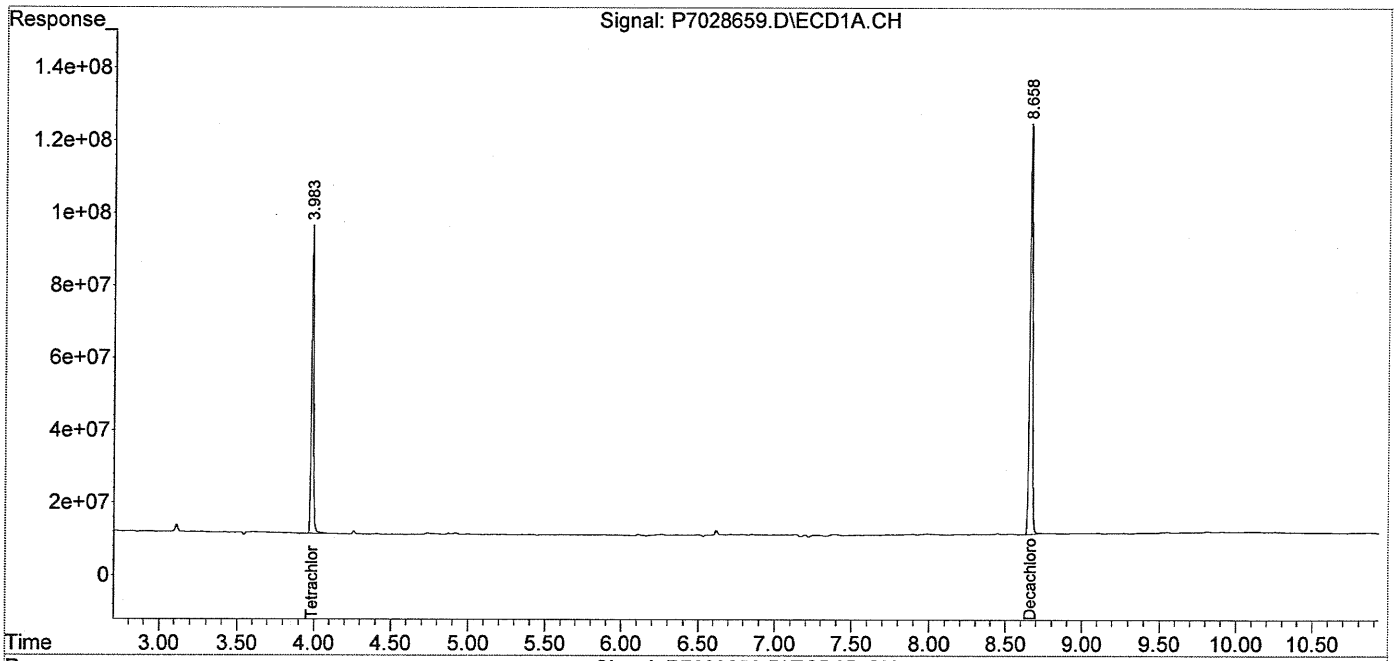
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

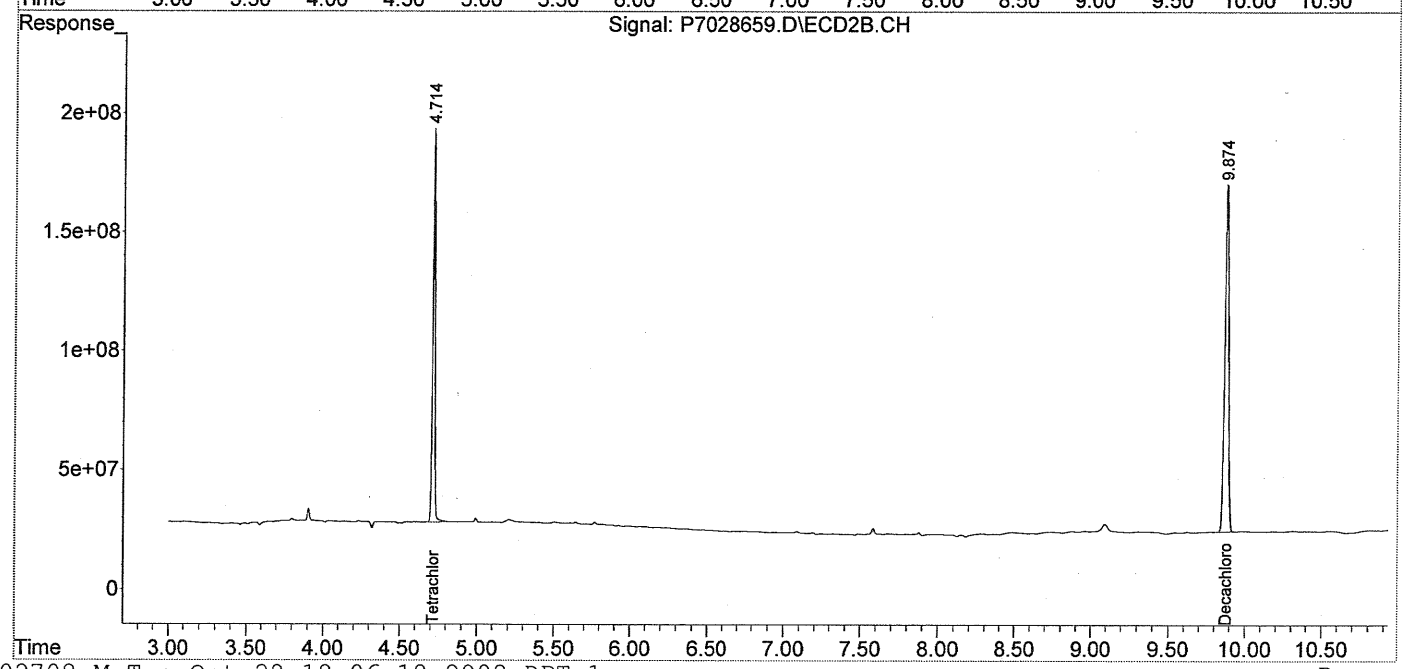
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028659.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 9:28
Operator : JJ
Sample : PIBLKP70005
Misc : PIBLK05
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:30:57 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028659.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 9:28
Operator : JJ
Sample : PIBLKP70005
Misc : PIBLK05
ALS Vial : 81 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:30:57 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.984	4.715	803.1E6	1705.4E6	19.777	19.447
2) SA Decachlor...	8.659	9.876	1407.3E6	2519.4E6	39.430	38.060
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70006(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70006

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028674.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70006(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70006

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028674.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

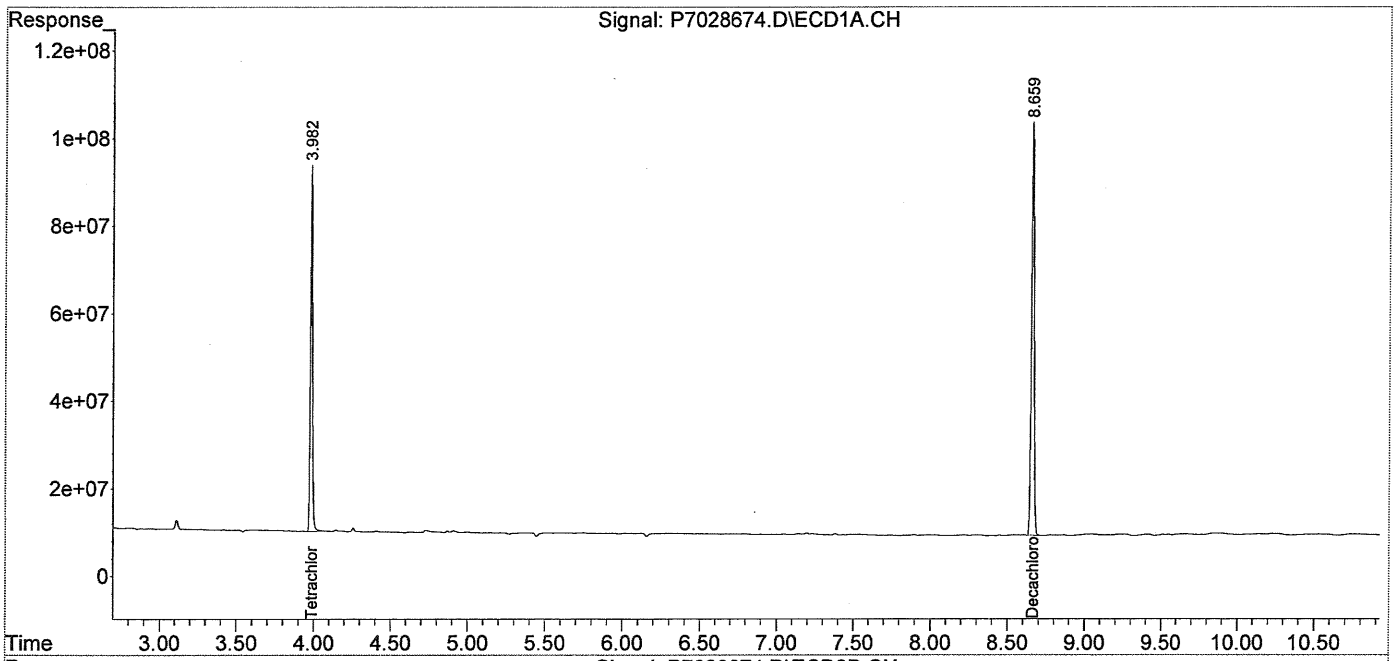
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

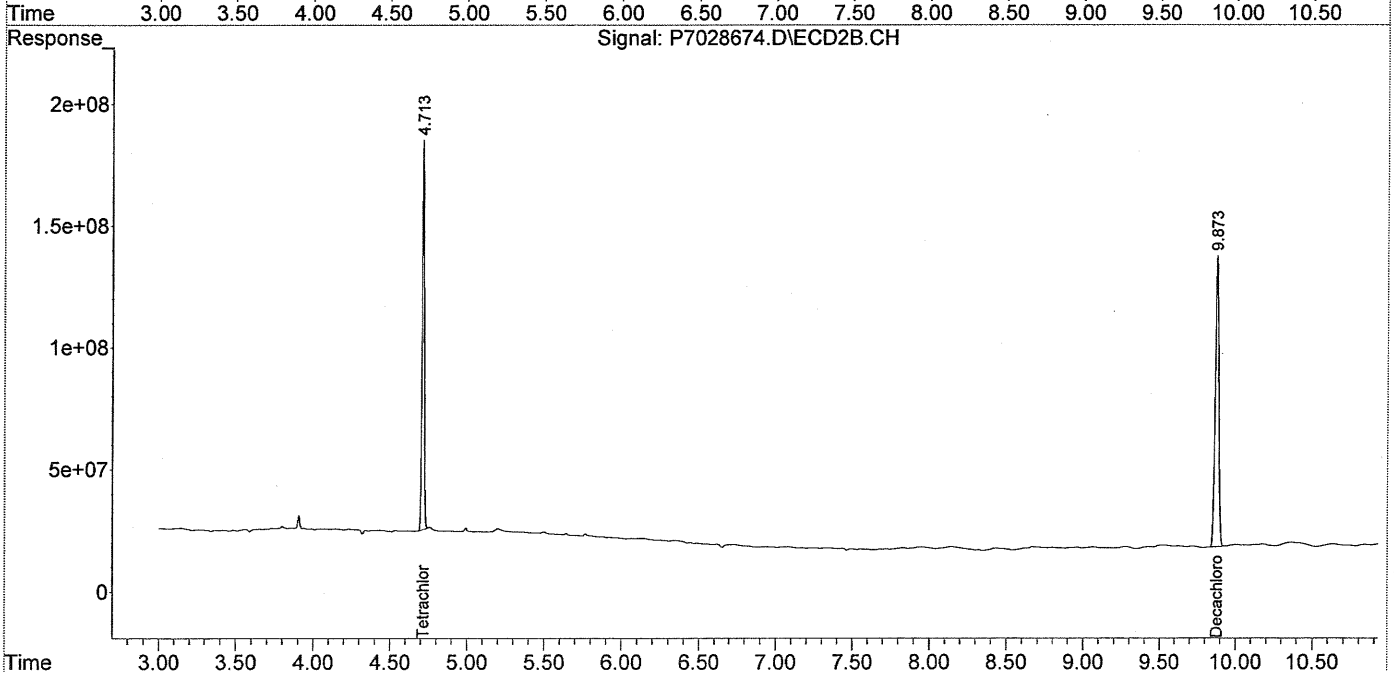
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028674.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:32
Operator : JJ
Sample : PIBLKP70006
Misc : PIBLK06
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 15:56:45 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102808\
Data File : P7028674.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 15:32
Operator : JJ
Sample : PIBLKP70006
Misc : PIBLK06
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 15:56:45 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.984	4.715	796.1E6	1574.6E6	19.605	17.955
22)	SA Decachlor...	8.660	9.875	1151.0E6	1962.8E6	32.248	29.651
	Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70007(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70007

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028731.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70007(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70006

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028731.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

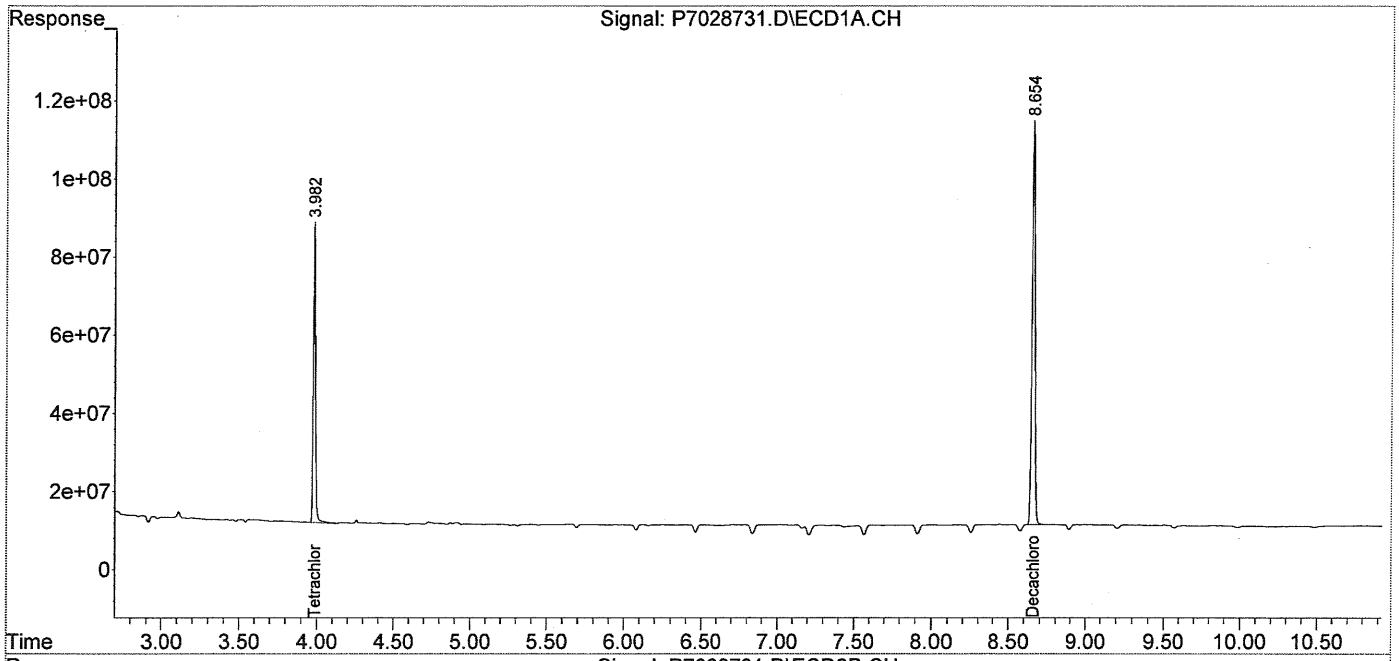
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

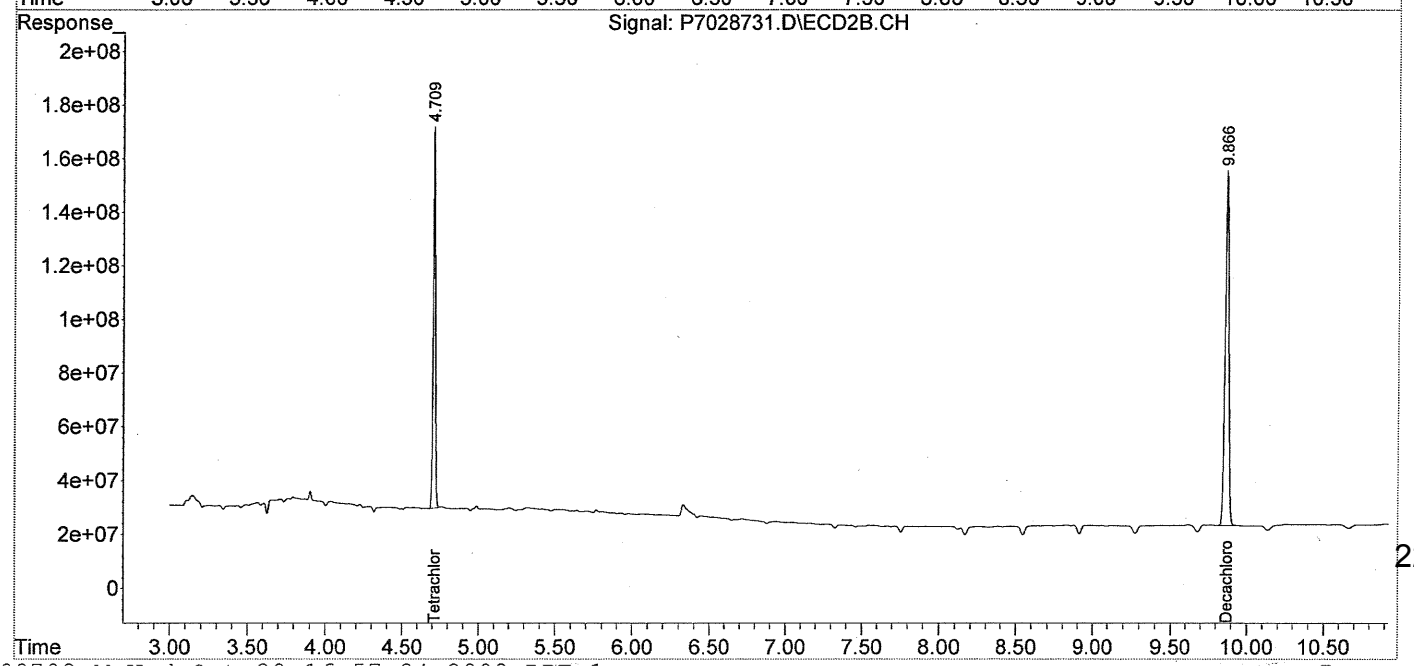
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 11:33
Operator : LH
Sample : PIBLKP70007
Misc : PIBLK07
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:33:43 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028731.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 11:33
Operator : LH
Sample : PIBLKP70007
Misc : PIBLK07
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:33:43 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.984	4.711	760.9E6	1415.5E6	18.737	16.142
22) SA Decachlor...	8.656	9.868	1311.3E6	2202.5E6	36.740	33.272
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70008(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70008

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028743.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKP70008(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PIBLKP70007

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P7028743.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

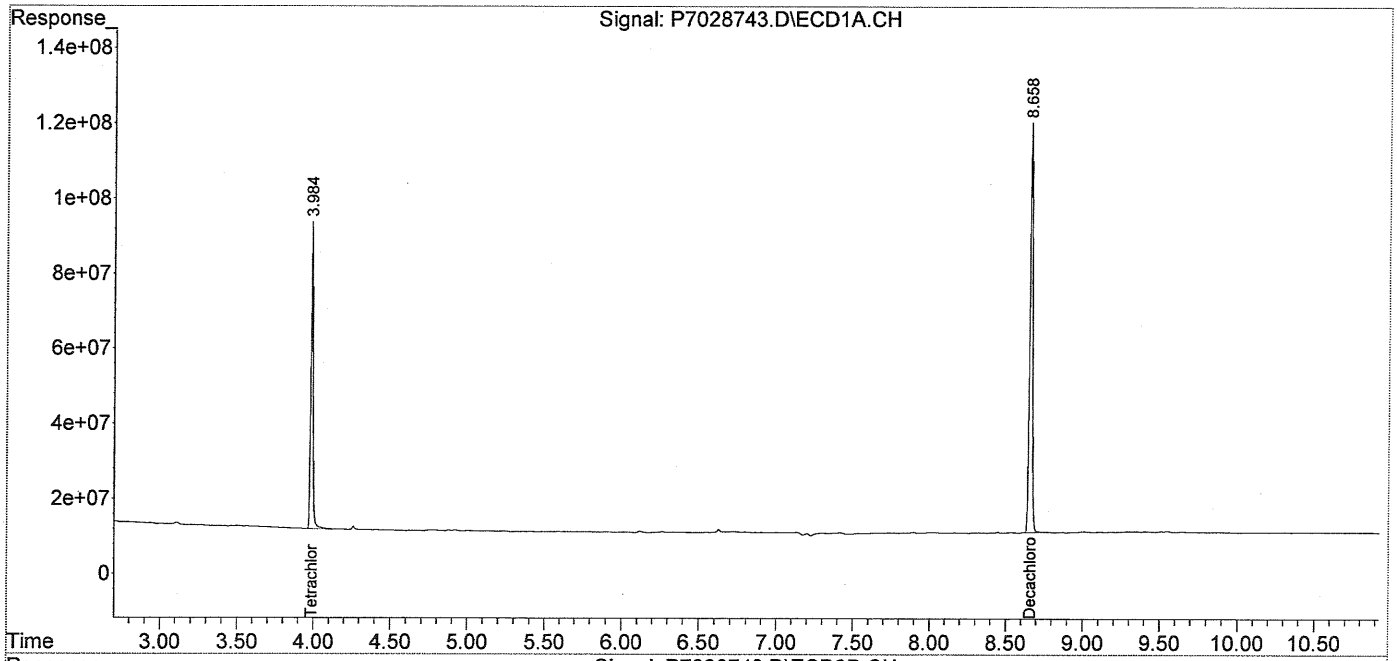
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

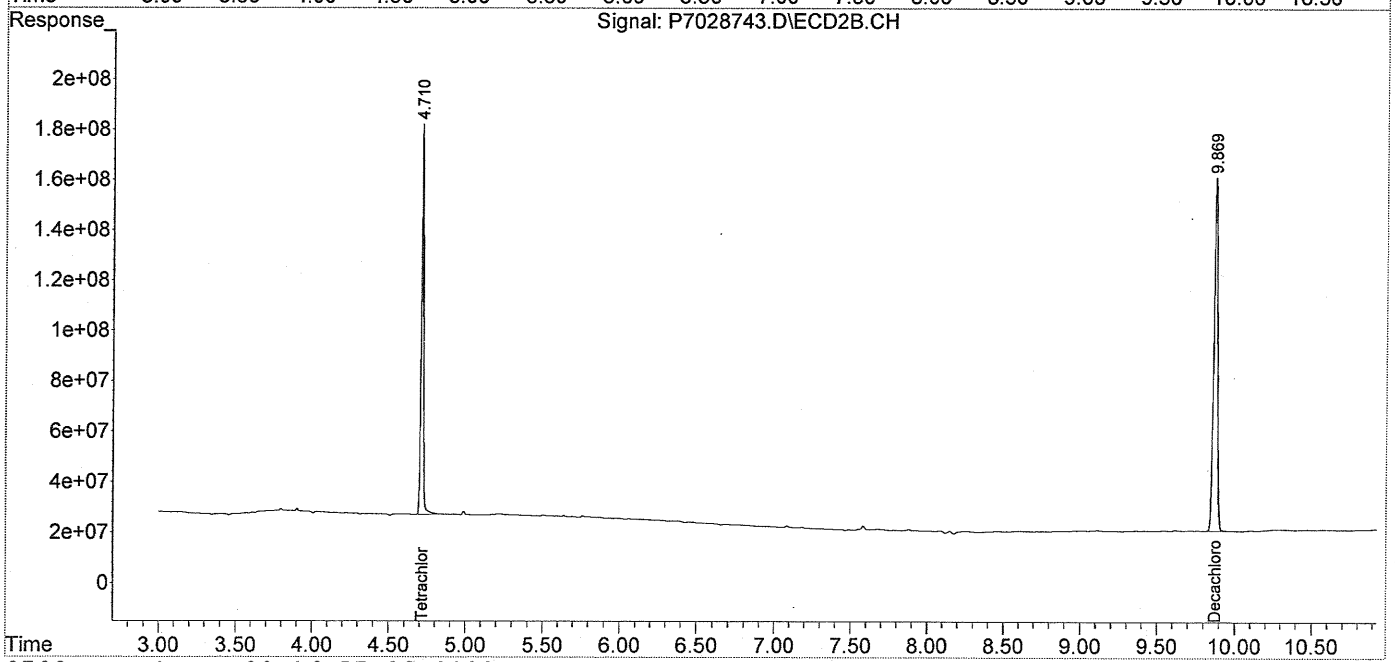
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028743.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 14:42
Operator : LH
Sample : PIBLKP70008
Misc : PIBLK08
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:32:58 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028743.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 14:42
Operator : LH
Sample : PIBLKP70008
Misc : PIBLK08
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:32:58 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.986	4.712	794.7E6	1591.7E6	19.570	18.150
22)	SA Decachlor...	8.659	9.870	1398.3E6	2357.0E6	39.176	35.607
	Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37176BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37176BL

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: P7028733.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) CONT Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

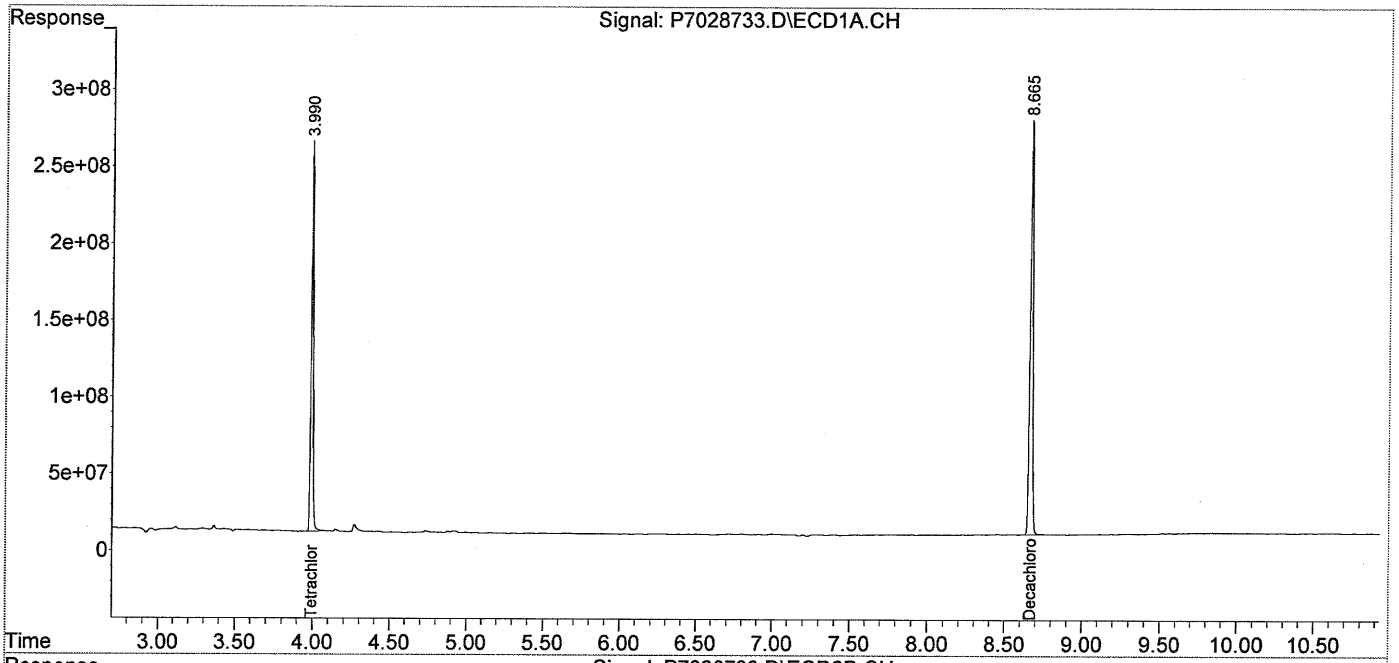
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

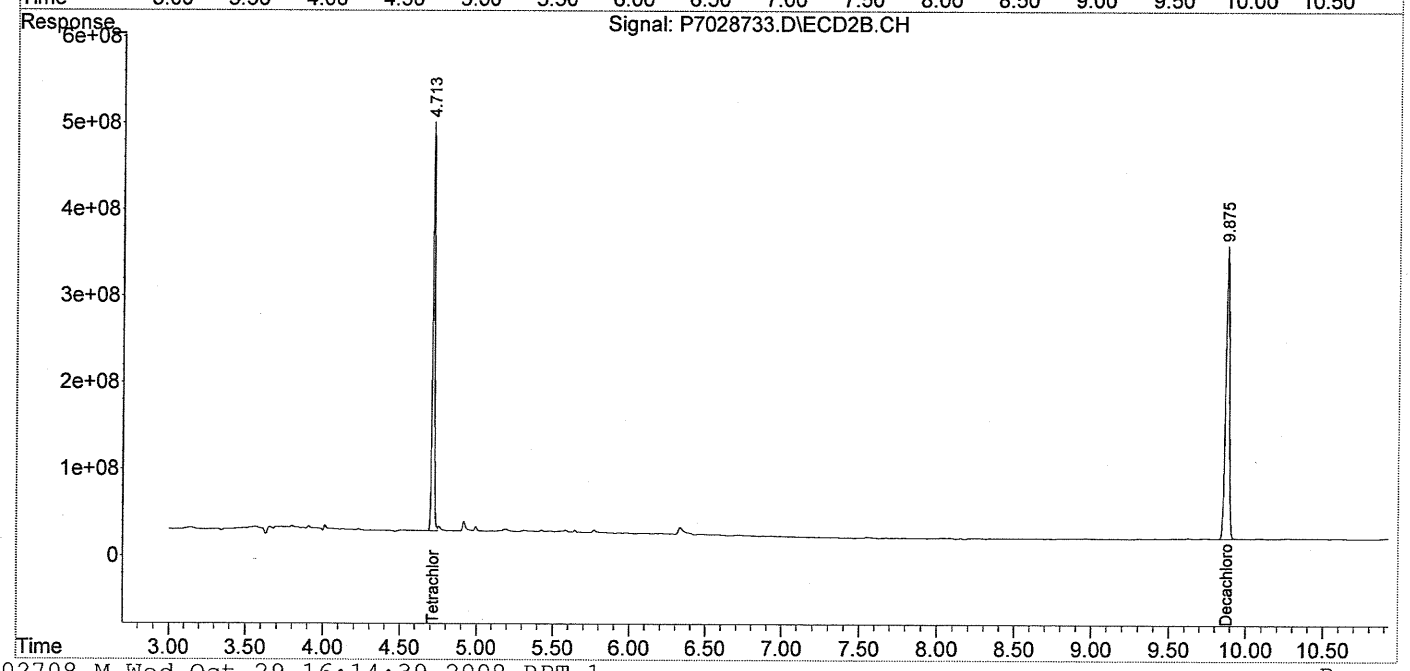
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:17
Operator : LH
Sample : PB37176BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:34:39 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028733.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:17
Operator : LH
Sample : PB37176BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:34:39 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.992	4.715	2387.8E6	4607.2E6	58.801	52.536
22) SA Decachlor...	8.666	9.876	3293.1E6	5704.6E6	92.264	86.177
Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37180BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: PB37180BL

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028619.D

% Moisture: 0.0 Decanted: (Y/N) Date Received:

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/27/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

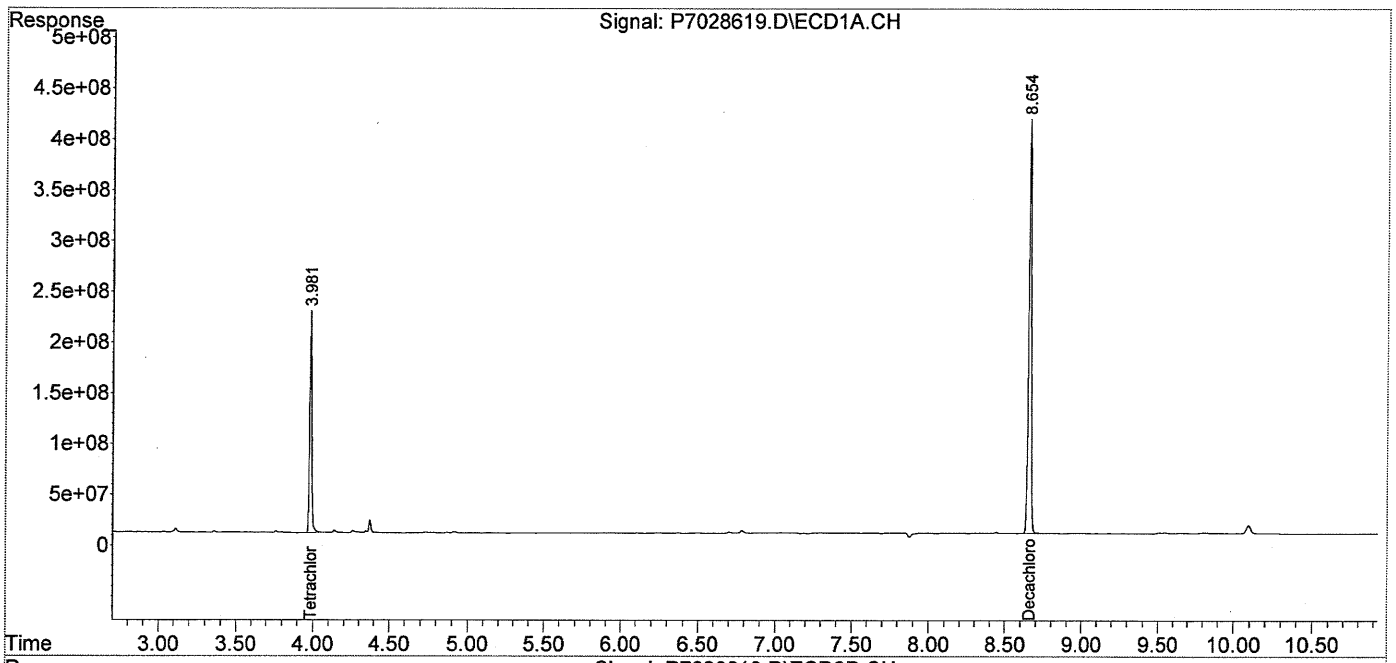
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U

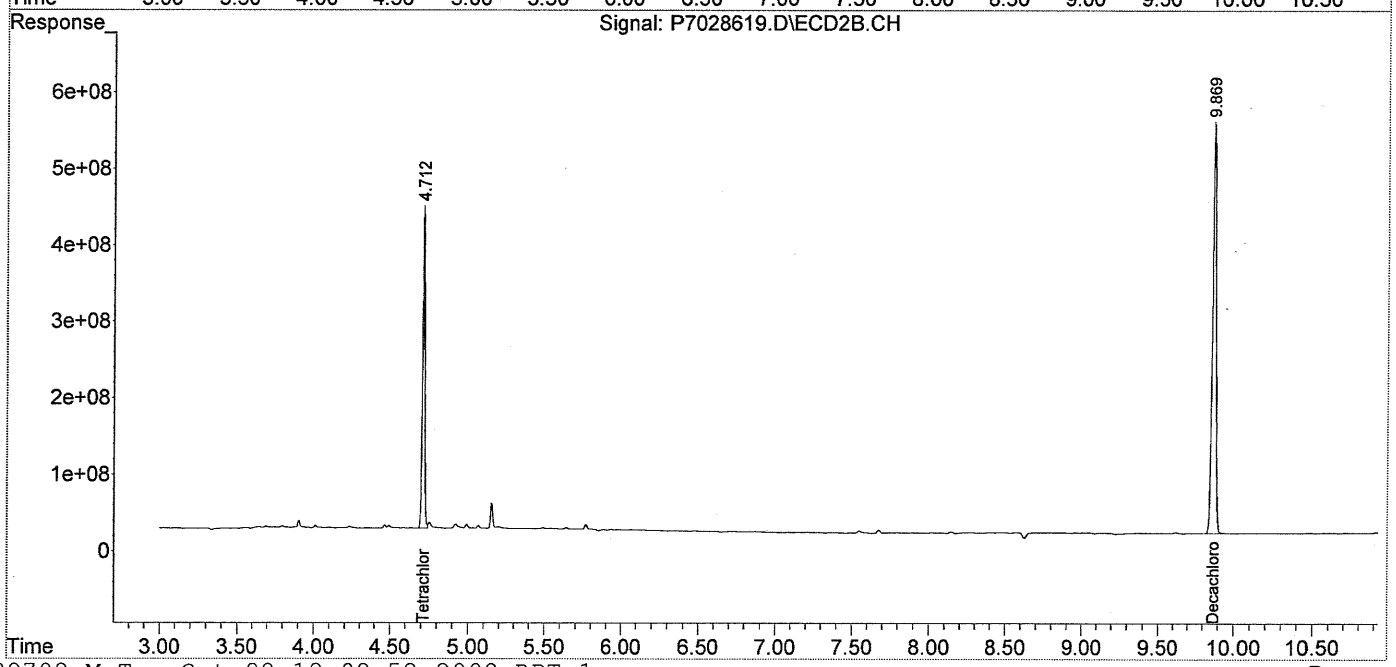
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028619.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:56
Operator : JJ
Sample : PB37180BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:10:26 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028619.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2008 23:56
Operator : JJ
Sample : PB37180BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:10:26 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.983	4.713	2044.3E6	4177.9E6	50.342	47.640
22)	SA Decachlor...	8.656	9.870	4947.9E6	8753.8E6	138.627	132.242
	Target Compounds						

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37176BS(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37176BS

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: P7028734.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) CONT Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.55	
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.51	
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	1.0	
72-55-9	4,4'-DDE	1.1	
72-20-8	Endrin	1.1	
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.92	
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.56	
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37176BS(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37176BS

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: P7028734.D-2

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) CONT Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/29/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

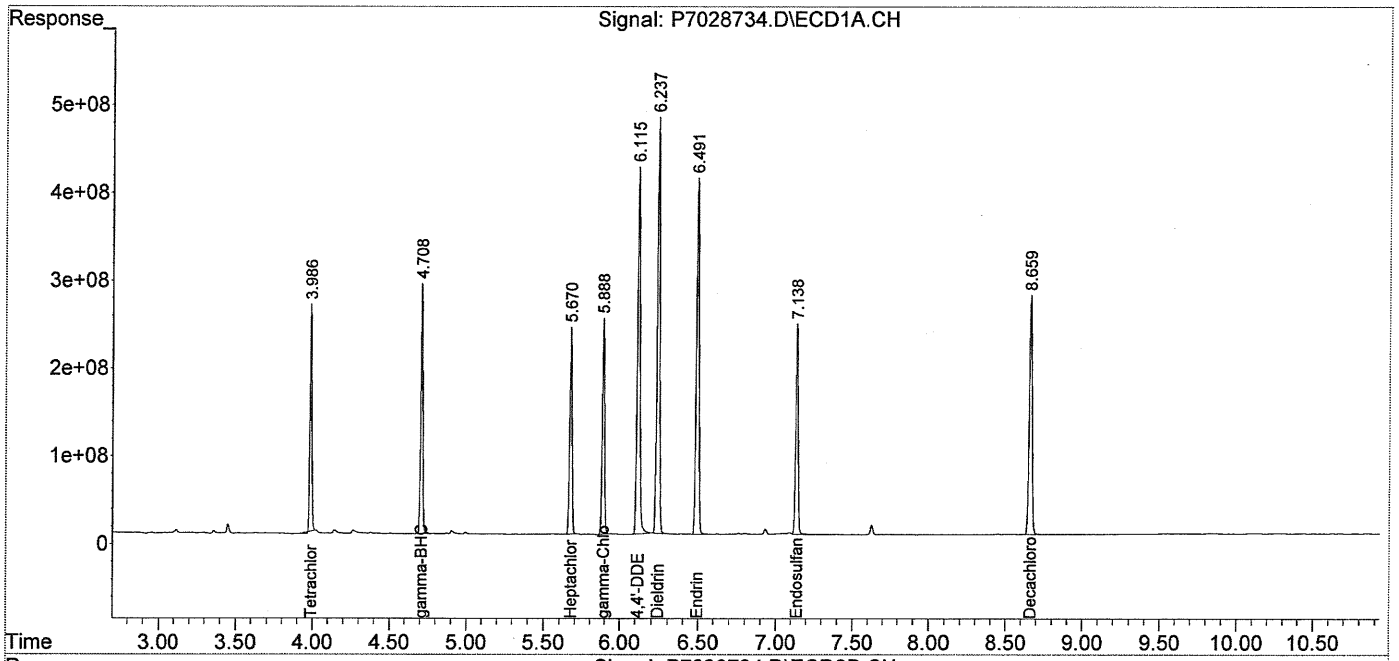
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.52	
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.49	
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	1.1	
72-55-9	4,4'-DDE	1.1	
72-20-8	Endrin	1.1	
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.74	
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.52	
8001-35-2	Toxaphene	5.0	U

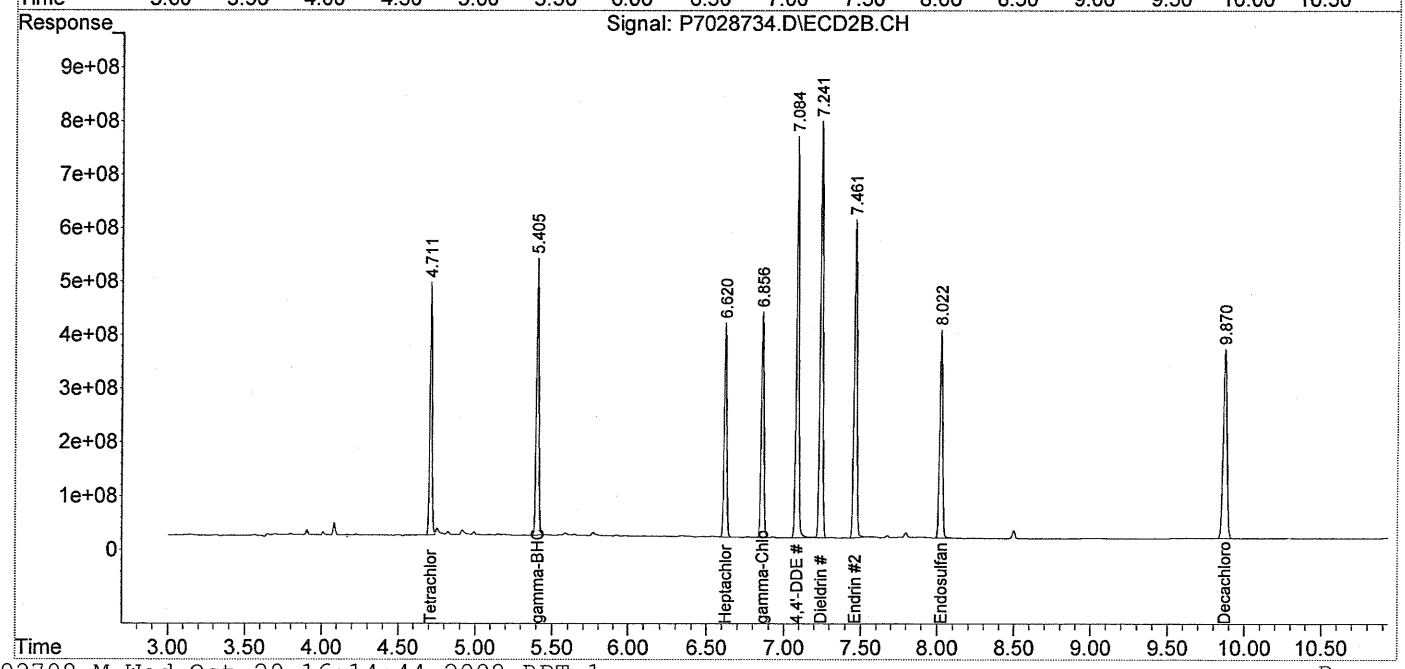
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028734.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:31
Operator : LH
Sample : PB37176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:35:18 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102908\
Data File : P7028734.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Oct 2008 12:31
Operator : LH
Sample : PB37176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 14:35:18 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.987	4.712	2291.1E6	4699.1E6	56.420	53.584
22) SA	Decachlor...	8.661	9.872	3427.7E6	5905.9E6	96.035	89.218
	Target Compounds						
3) MA	gamma-BHC...	4.709	5.406	2744.4E6	5535.3E6	54.911	52.195
8) B	Heptachlo...	5.671	6.622	2466.2E6	4658.7E6	50.592	48.792
10) B	gamma-Chl...	5.890	6.858	2708.1E6	4902.9E6	55.875	52.477
12) B	4,4'-DDE	6.116	7.085	4899.9E6	9219.0E6	105.631	108.139
13) MA	Dieldrin	6.238	7.243	5228.9E6	9445.8E6	104.341	105.107
14) MA	Endrin	6.492	7.463	4540.7E6	7520.7E6	113.949	114.102
19) B	Endosulfa...	7.139	8.024	2722.7E6	5004.1E6	92.009	73.942

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37180BS(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: PB37180BS

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028620.D-2

% Moisture: 0.0 Decanted: (Y/N) Date Received:

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	19	
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	18	
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	37	
72-55-9	4,4'-DDE	38	
72-20-8	Endrin	41	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	24	
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	18	
8001-35-2	Toxaphene	170	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB37180BS(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: PB37180BS

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028620.D

% Moisture: 0.0 Decanted: (Y/N) Date Received:

Extraction: (Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

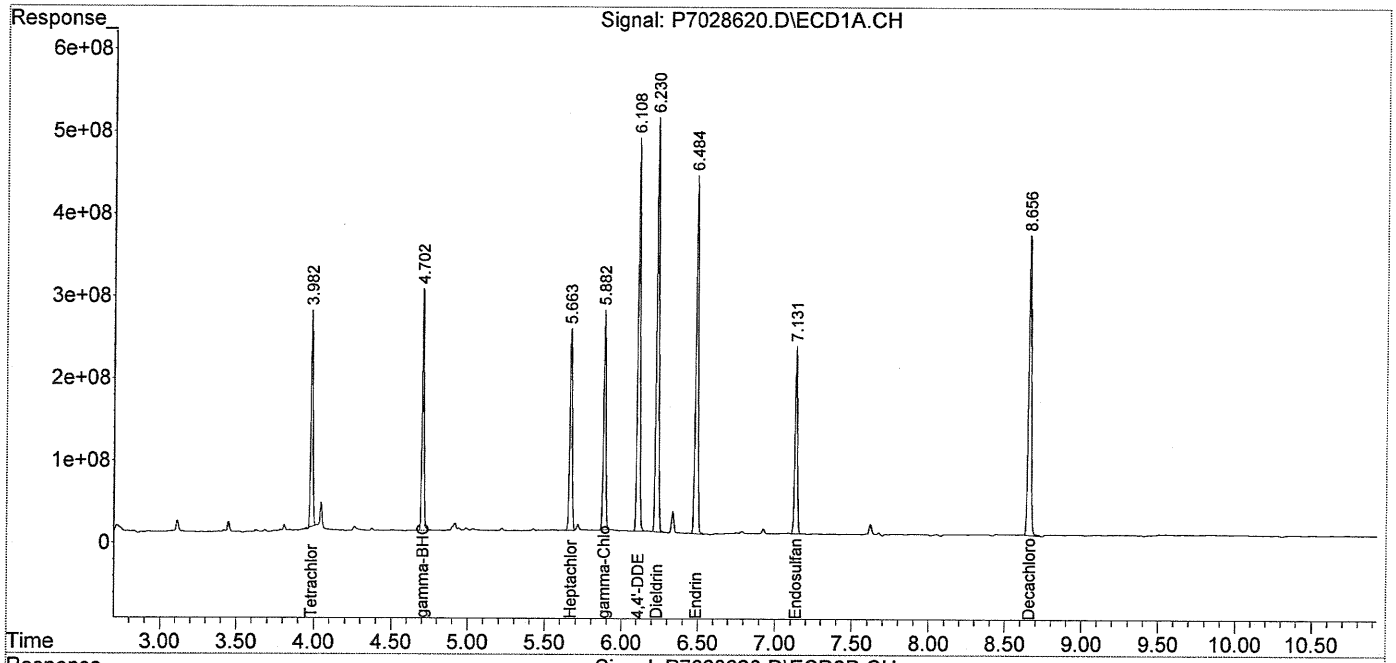
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	19	
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	18	
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	37	
72-55-9	4,4'-DDE	38	
72-20-8	Endrin	41	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	29	
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	19	
8001-35-2	Toxaphene	170	U

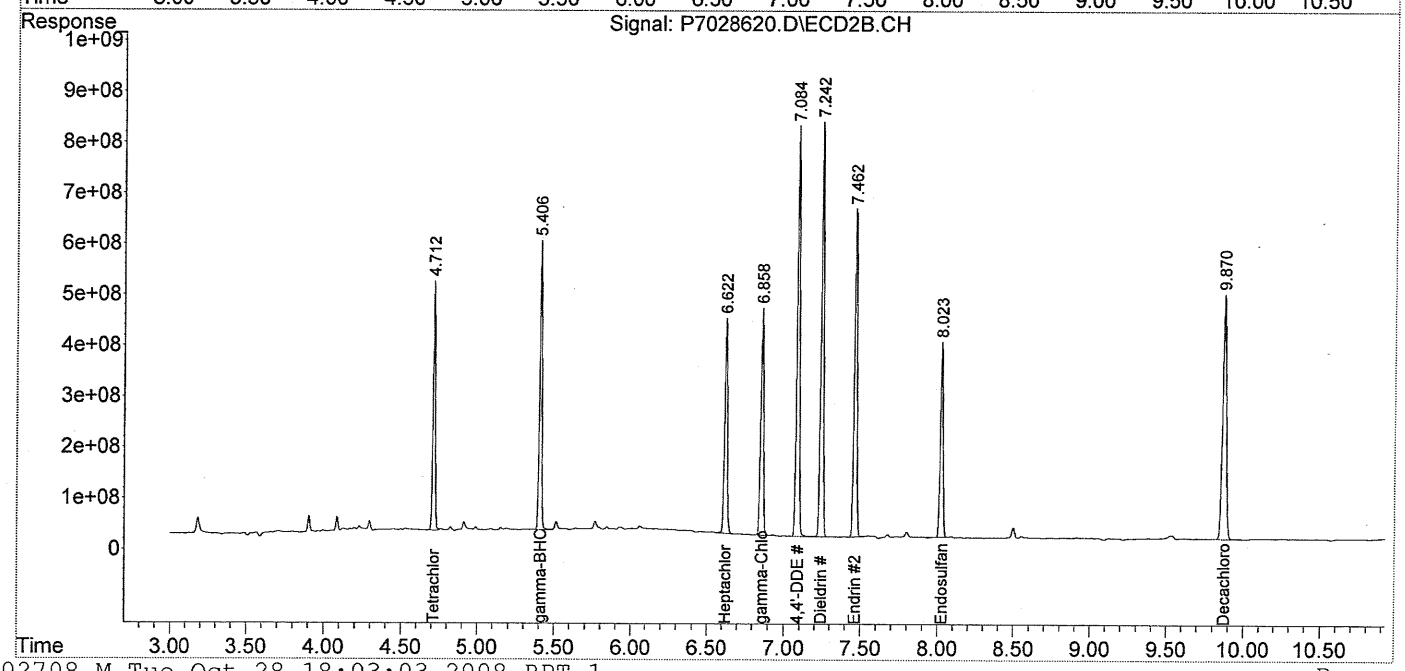
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:10
Operator : JJ
Sample : PB37180BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:11:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 00:10
Operator : JJ
Sample : PB37180BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:11:09 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.984	4.714	2382.8E6	4986.3E6	58.678	56.859
22)	SA	Decachlor...	8.657	9.872	4481.3E6	8056.1E6	125.554	121.701
Target Compounds								
3)	MA	gamma-BHC...	4.704	5.408	2820.7E6	5977.6E6	56.439	56.366
8)	B	Heptachlo...	5.664	6.623	2636.6E6	5088.7E6	54.088	53.296
10)	B	gamma-Chl...	5.883	6.859	2804.3E6	5180.0E6	57.860	55.443
12)	B	4,4'-DDE	6.109	7.085	5234.3E6	9712.5E6	112.840	113.928
13)	MA	Dieldrin	6.232	7.243	5512.7E6	10069.2E6	110.003	112.045
14)	MA	Endrin	6.486	7.464	4873.4E6	8037.2E6	122.297	121.937
19)	B	Endosulfa...	7.132	8.024	2555.5E6	4771.4E6	86.358	70.504

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3MS(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-09MS

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028629.D

% Moisture: 22.0 Decanted:(Y/N) Date Received: 10/09/2008

Extraction:(Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: 7.16 Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	22	
76-44-8	Heptachlor	22	P
309-00-2	Aldrin	20	
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	45	
72-55-9	4,4'-DDE	41	
72-20-8	Endrin	62	P
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	20	
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	180	E
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	5.0	P
5103-74-2	gamma-Chlordane	4.3	P
8001-35-2	Toxaphene	220	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3MS(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-09MS

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028629.D-2

% Moisture: 22.0 Decanted:(Y/N) Date Received: 10/09/2008

Extraction:(Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: 7.16 Sulfur Cleanup:(Y/N) N

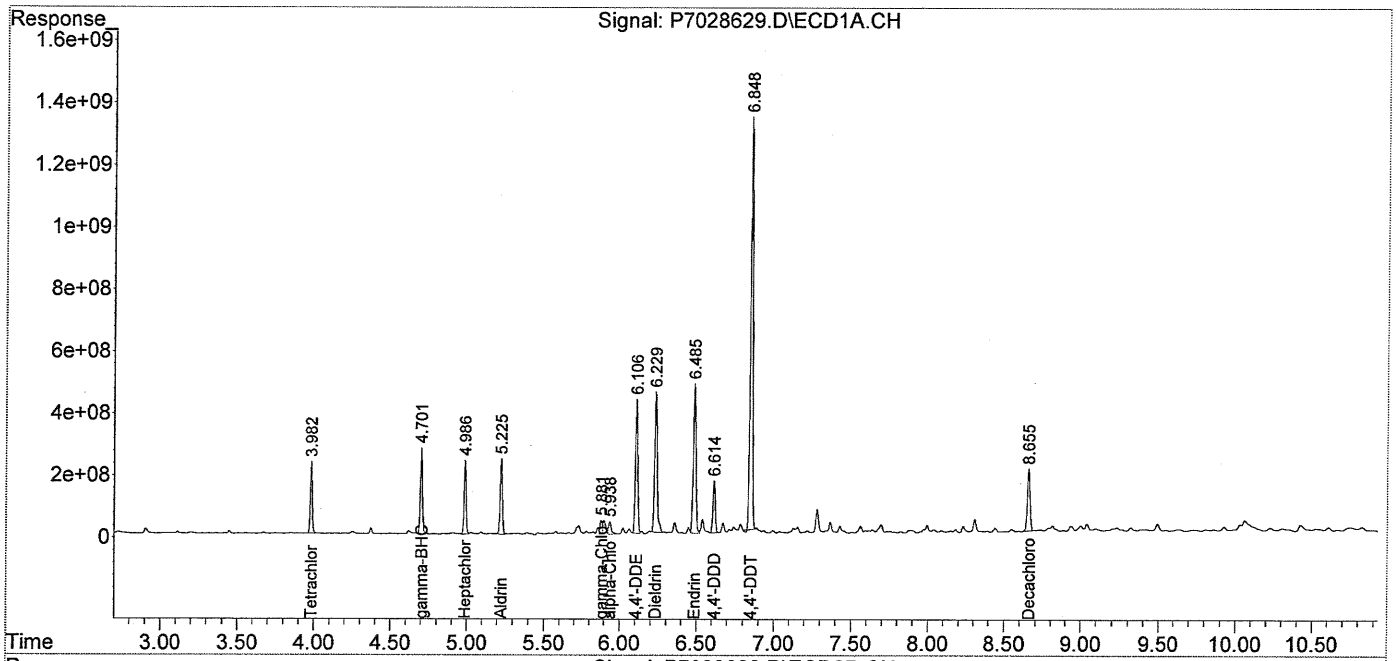
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	21	
76-44-8	Heptachlor	17	P
309-00-2	Aldrin	18	
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	36	
72-55-9	4,4'-DDE	38	
72-20-8	Endrin	35	P
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	20	
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	160	E
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	6.9	P
5103-74-2	gamma-Chlordane	8.9	P
8001-35-2	Toxaphene	220	U

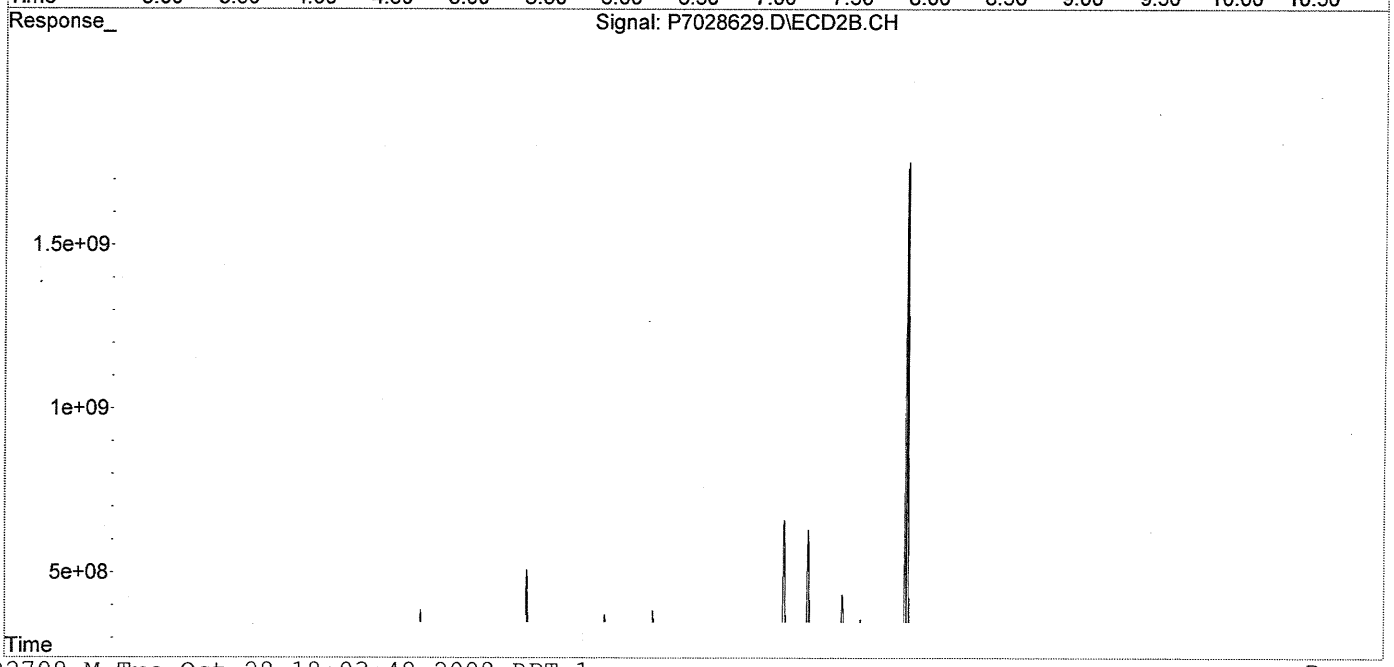
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:47:20 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



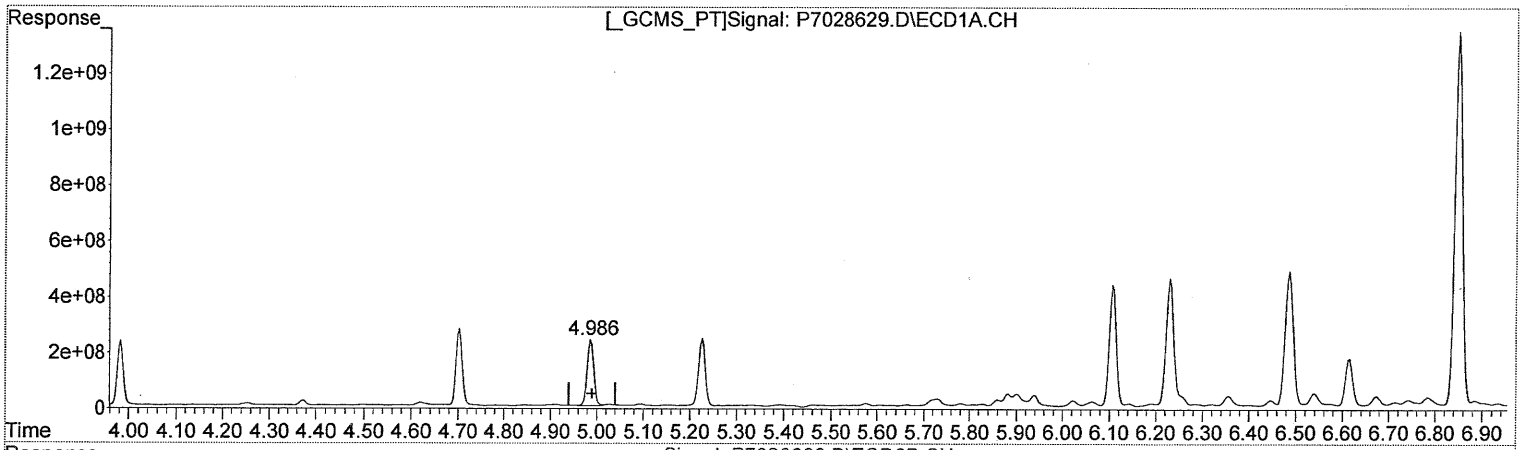


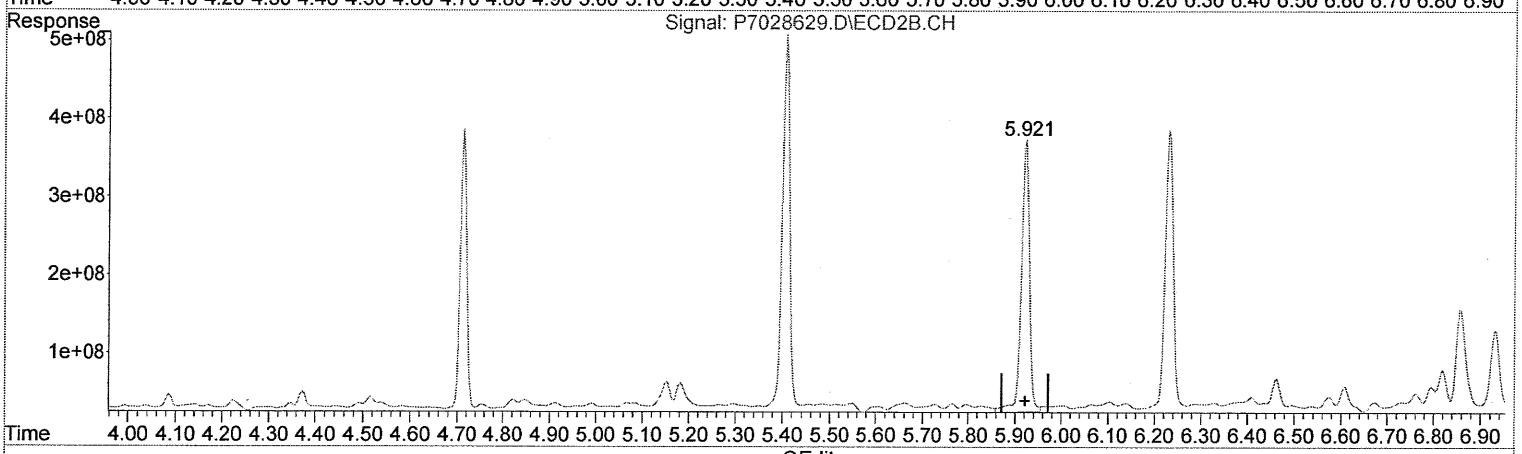
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:33 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(4) Heptachlor (MA)

4.988min 51.398 ng/ml

response 2328883508

(4) Heptachlor #2 (MA)

5.922min 44.960 ng/ml

response 4271172762

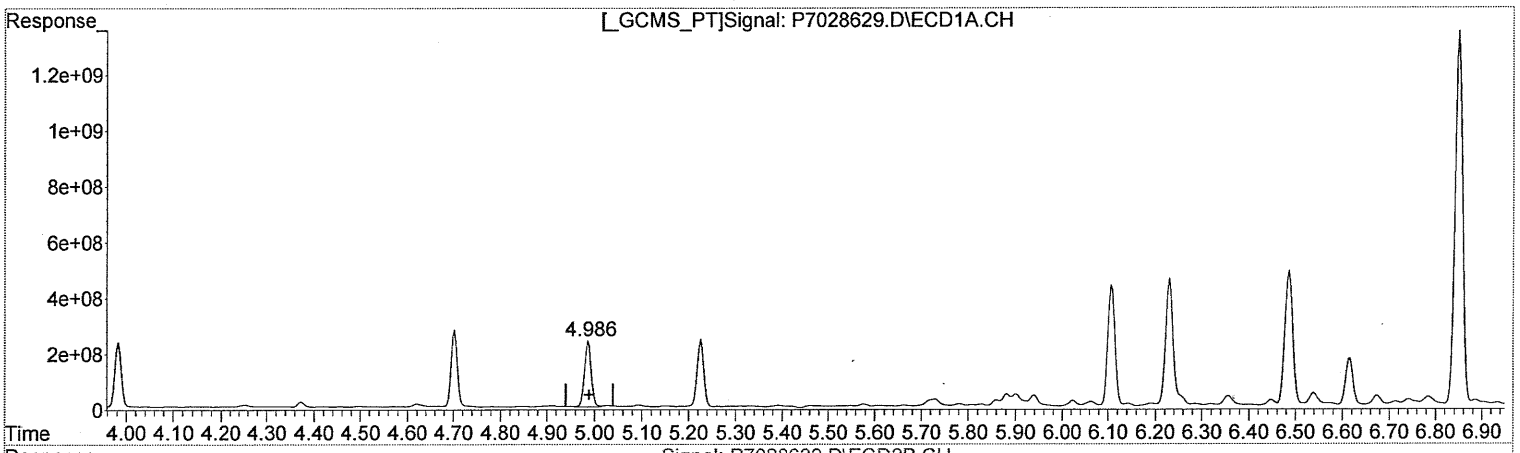
(+) = Expected Retention Time

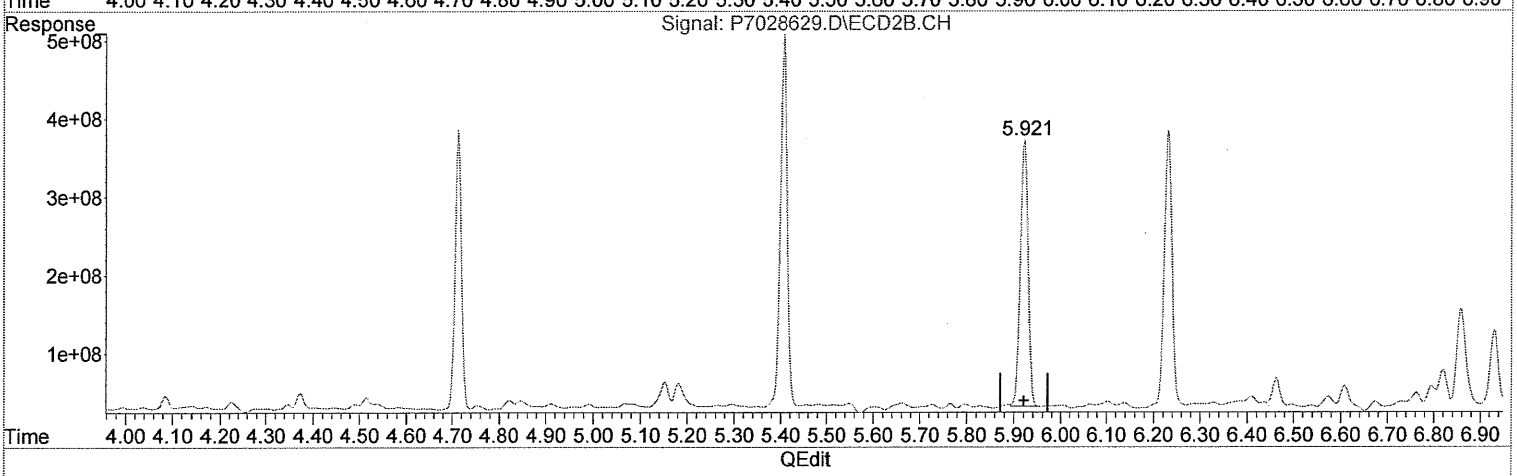
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:33 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(4) Heptachlor (MA)

4.988min 51.398 ng/ml

response 2328883508

(4) Heptachlor #2 (MA)

5.921min 40.643 ng/ml m

response 3861070503

244

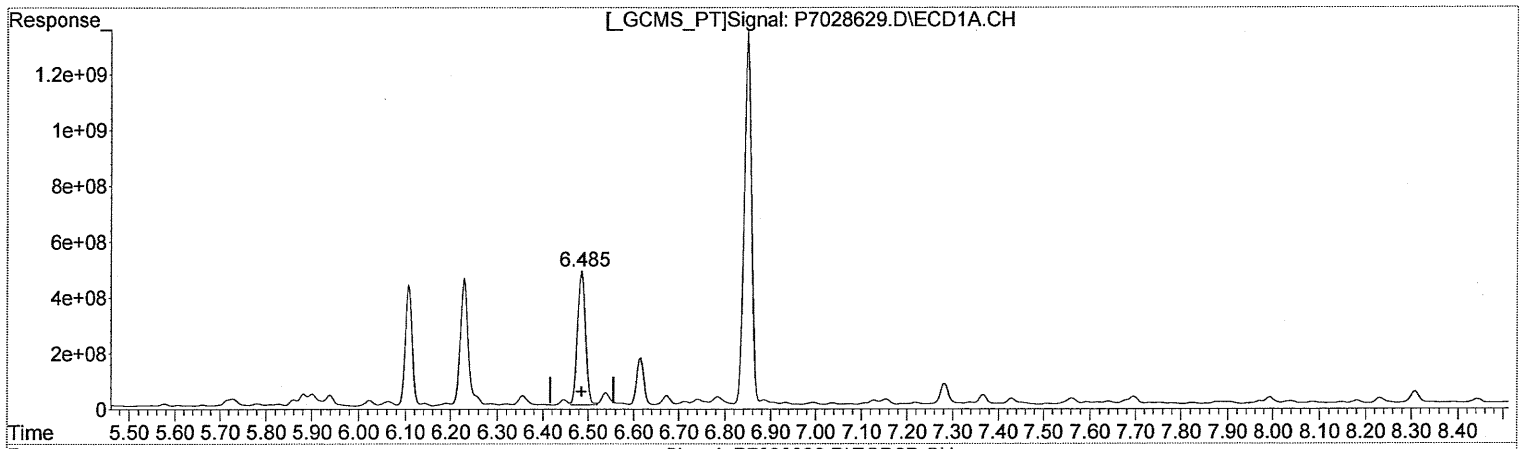
(+) = Expected Retention Time

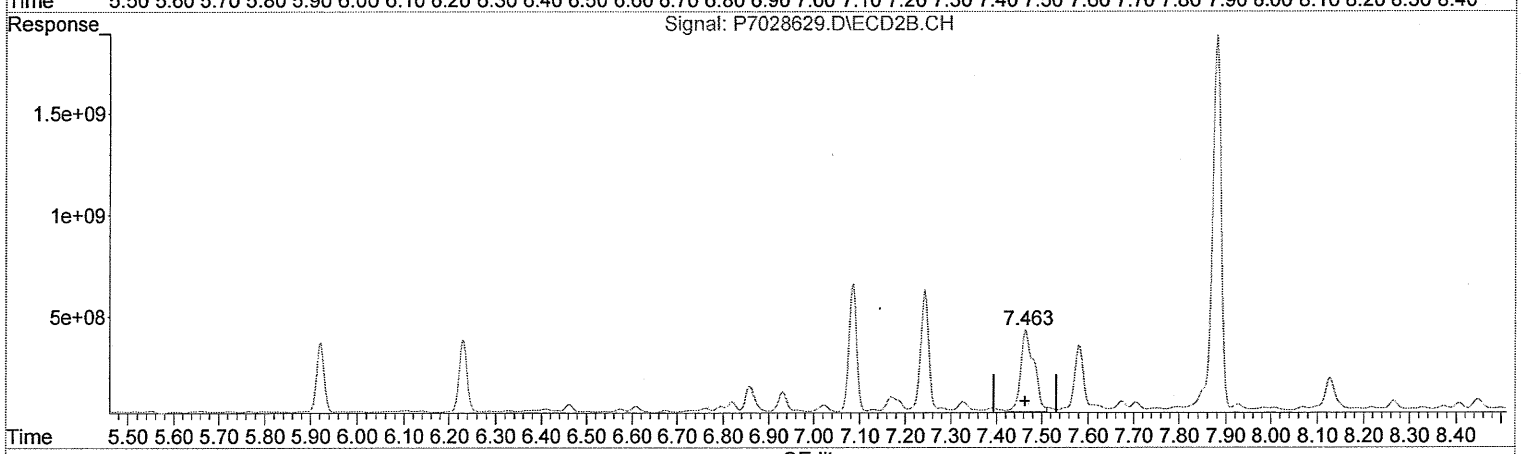
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:33 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(14) Endrin (MA)

6.487min 146.289 ng/ml

response 5829414247

(14) Endrin #2 (MA)

7.465min 125.115 ng/ml

response 8246656670

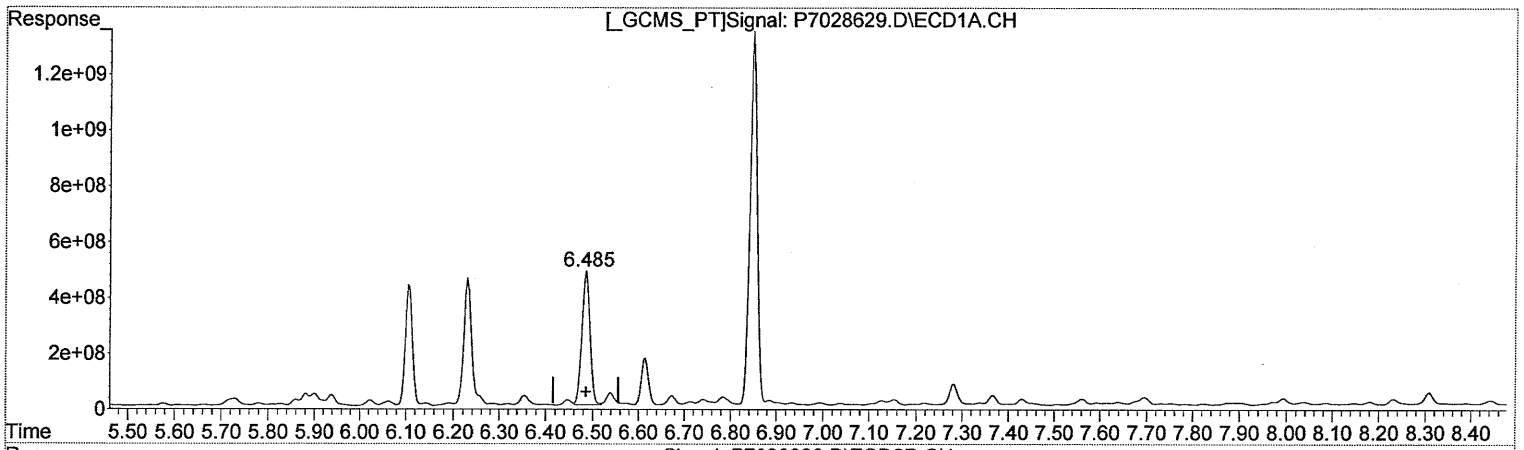
(+) = Expected Retention Time

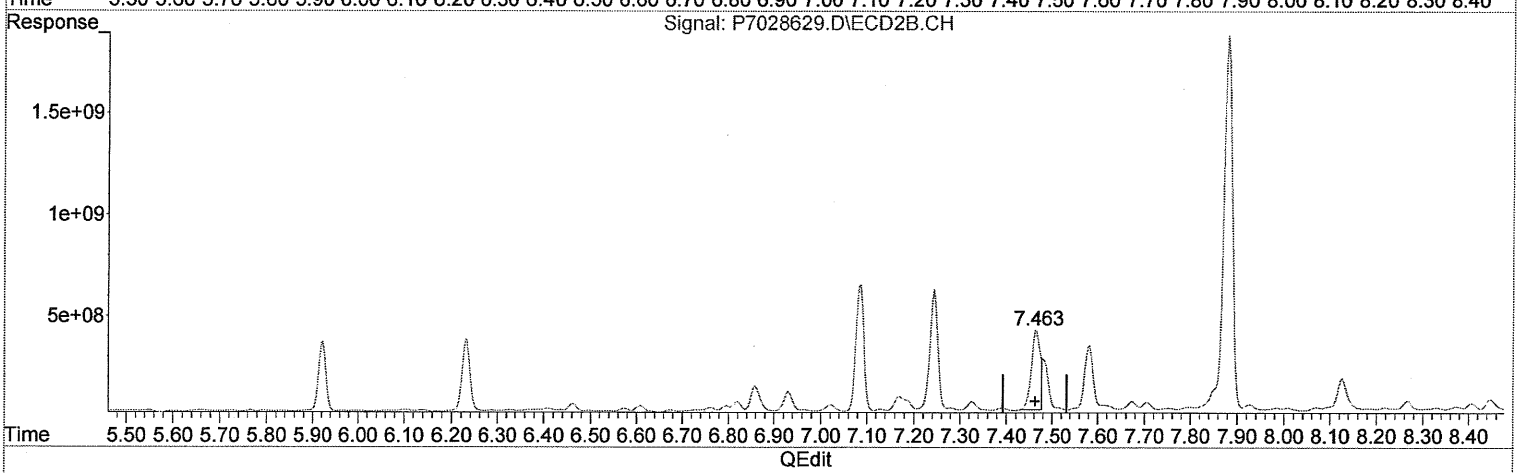
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:33 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(14) Endrin (MA)

6.487min 146.289 ng/ml

response 5829414247

(14) Endrin #2 (MA)

7.463min 82.060 ng/ml m

response 5408801565

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028629.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:18
Operator : JJ
Sample : Z4920-09MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:47:20 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.714	2062.4E6	3590.5E6	50.788	40.943
22)	SA	Decachlor...	8.657	9.873	2472.6E6	4891.0E6	69.275	73.887
Target Compounds								
3)	MA	gamma-BHC...	4.703	5.407	2554.7E6	5317.5E6	51.116	50.142
4)	MA	Heptachlor	4.988	5.921	2328.9E6	3861.1E6	51.398	40.643m
5)	MB	Aldrin	5.227	6.232	2448.6E6	4531.0E6	45.891	41.976
10)	B	gamma-Chl...	5.883	6.859	483.9E6	1952.2E6	9.985	20.895 #
11)	B	alpha-Chl...	5.940	6.932	548.5E6	1433.1E6	11.699	16.056 #
12)	B	4,4'-DDE	6.108	7.086	4496.1E6	7598.0E6	96.925	89.125
13)	MA	Dieldrin	6.231	7.244	5268.1E6	7545.2E6	105.123	83.958
14)	MA	Endrin	6.487	7.463	5829.4E6	5408.8E6	146.289	82.060m#
16)	A	4,4'-DDD	6.616	7.582	1823.1E6	3643.5E6	47.537	46.387
17)	MA	4,4'-DDT	6.848	7.883	11065.8E6	20373.7E6	425.352	372.867

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

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3MSD(1)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-10MSD

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028630.D

% Moisture: 22.0 Decanted:(Y/N) Date Received: 10/09/2008

Extraction:(Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: 7.17 Sulfur Cleanup:(Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	21	
76-44-8	Heptachlor	22	
309-00-2	Aldrin	19	
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	43	
72-55-9	4,4'-DDE	28	P
72-20-8	Endrin	56	P
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	22	
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	160	E
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	3.7	
5103-74-2	gamma-Chlordane	2.9	P
8001-35-2	Toxaphene	220	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AOC5-3MSD(2)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CHEM Case No.: Z4920 Mod. Ref No.: SDG No.: RB-1

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4920-10MSD

Sample wt/vol: 30.0 (g/mL) g Lab File ID: P7028630.D-2

% Moisture: 22.0 Decanted:(Y/N) Date Received: 10/09/2008

Extraction:(Type) SOXH Date Extracted: 10/13/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 10/28/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: 7.17 Sulfur Cleanup:(Y/N) N

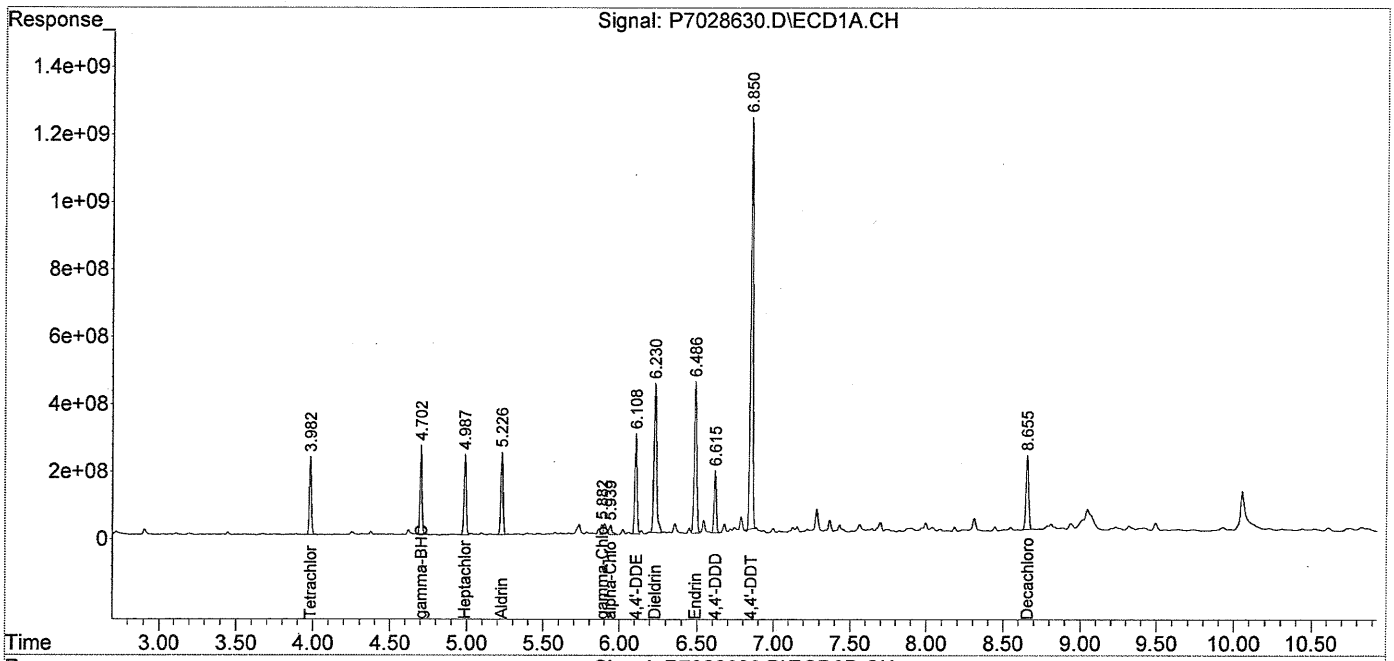
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	21	
76-44-8	Heptachlor	19	
309-00-2	Aldrin	17	
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	39	
72-55-9	4,4'-DDE	48	P
72-20-8	Endrin	44	P
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	20	
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	150	E
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	4.1	
5103-74-2	gamma-Chlordane	5.8	P
8001-35-2	Toxaphene	220	U

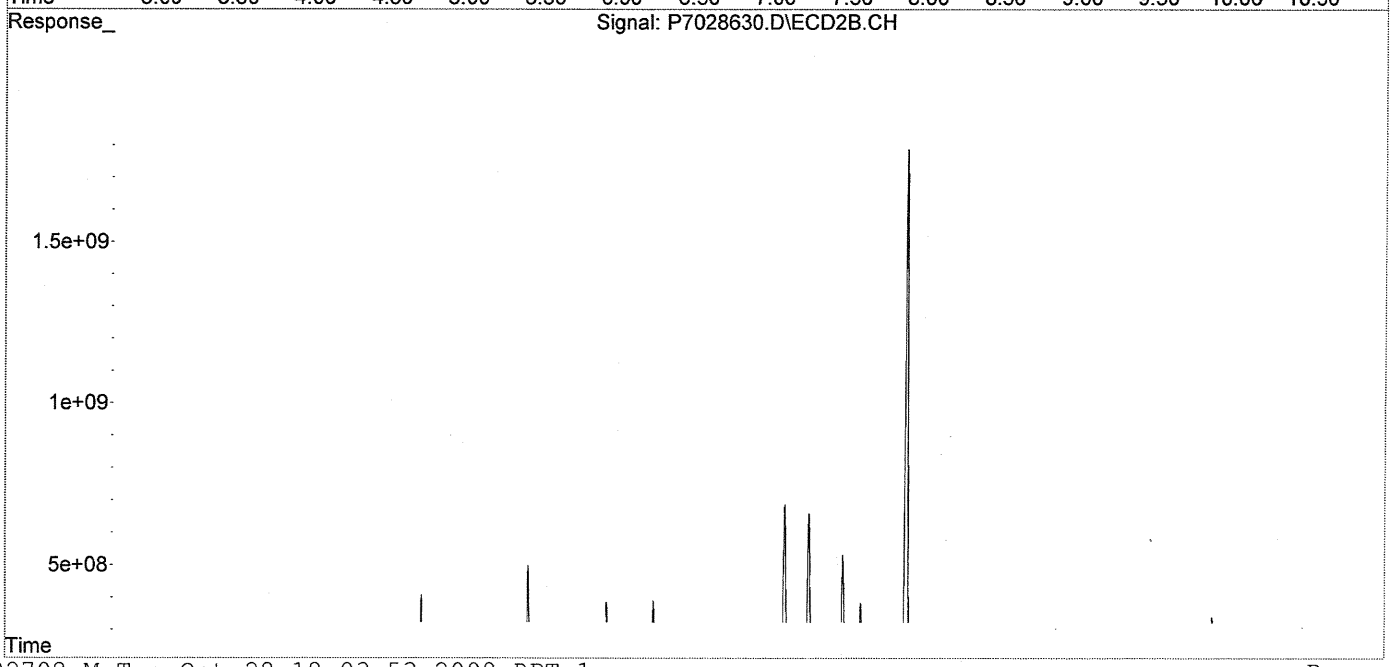
Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

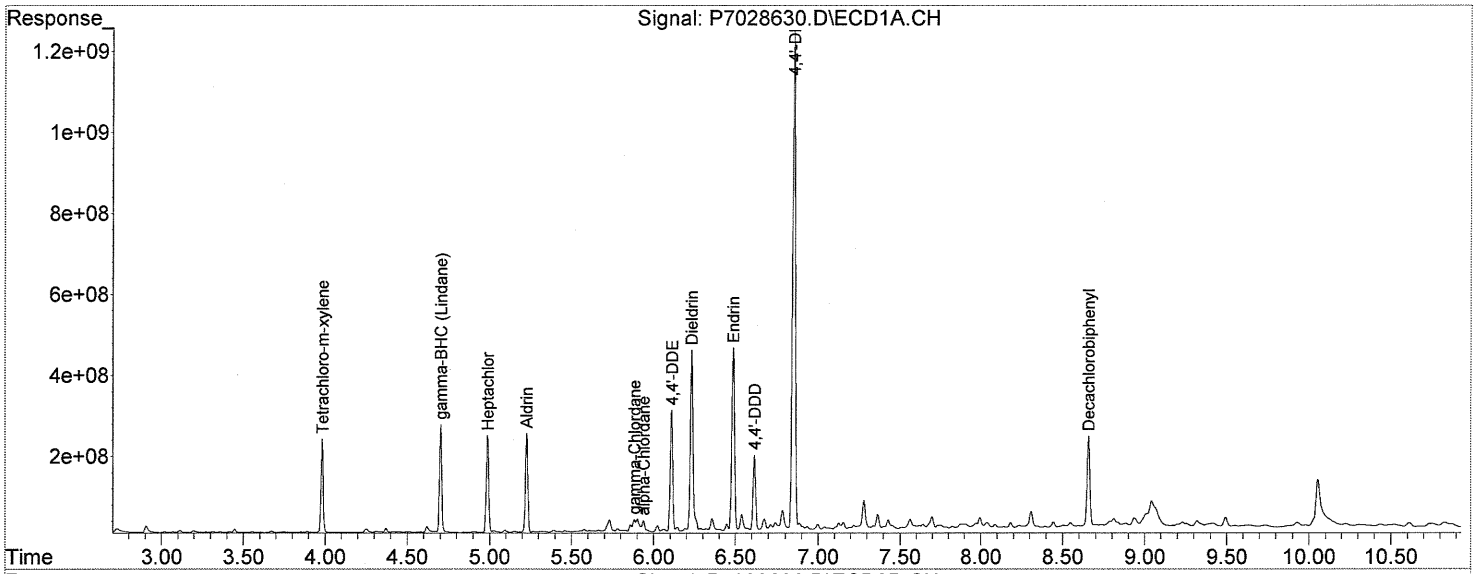
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:49:08 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

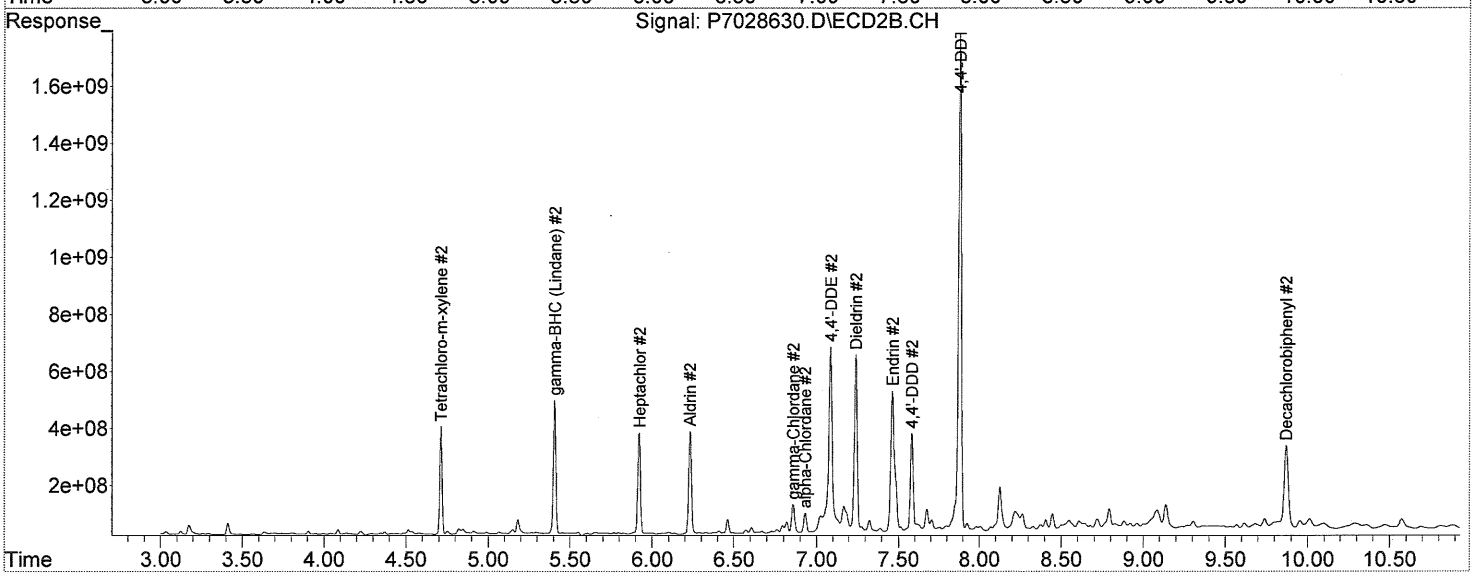
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





File :I:\HPCHEM1\Ecd_7\Data\P7102708\P7028630.D
Operator : JJ
Acquired : 28 Oct 2008 2:32 using AcqMethod CLPNEWMOON.M
Instrument : ECD7
Sample Name: Z4920-10MSD
Misc Info :
Vial Number: 52



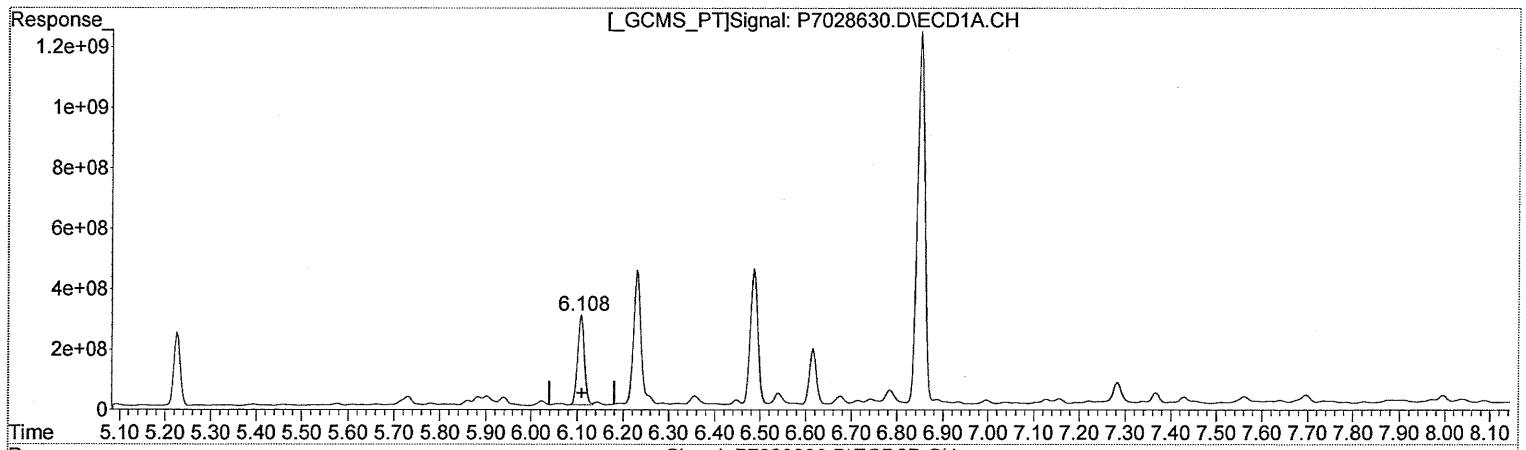


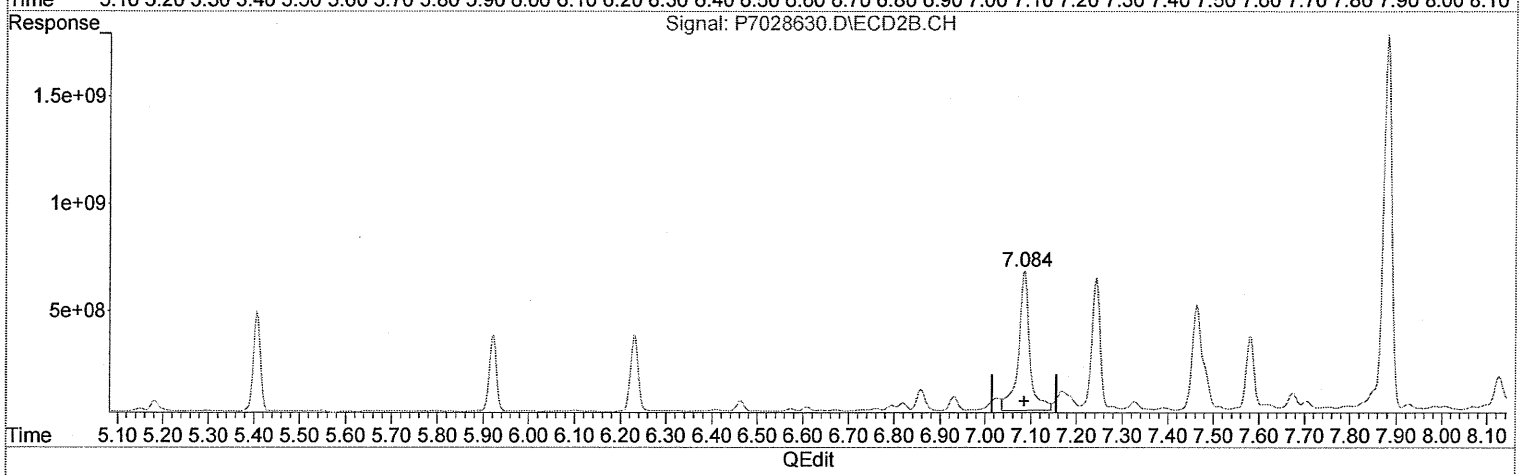
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:42 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(12) 4,4'-DDE (B)

6.109min 66.836 ng/ml

response 3100325081

(12) 4,4'-DDE #2 (B)

7.086min 132.175 ng/ml

response 11268114146

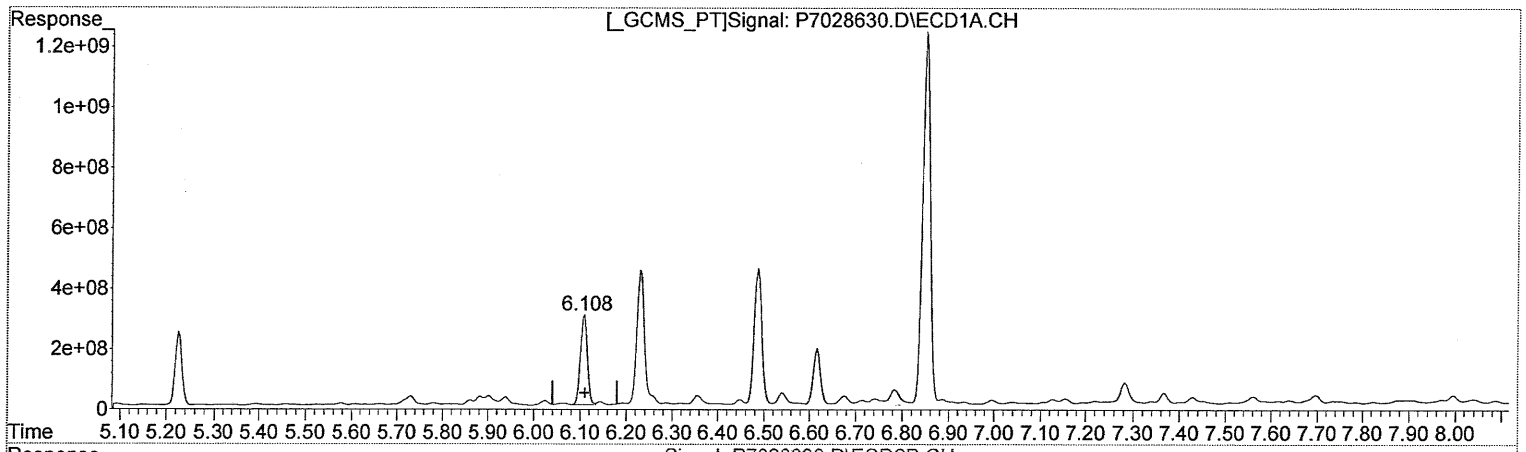
(+) = Expected Retention Time

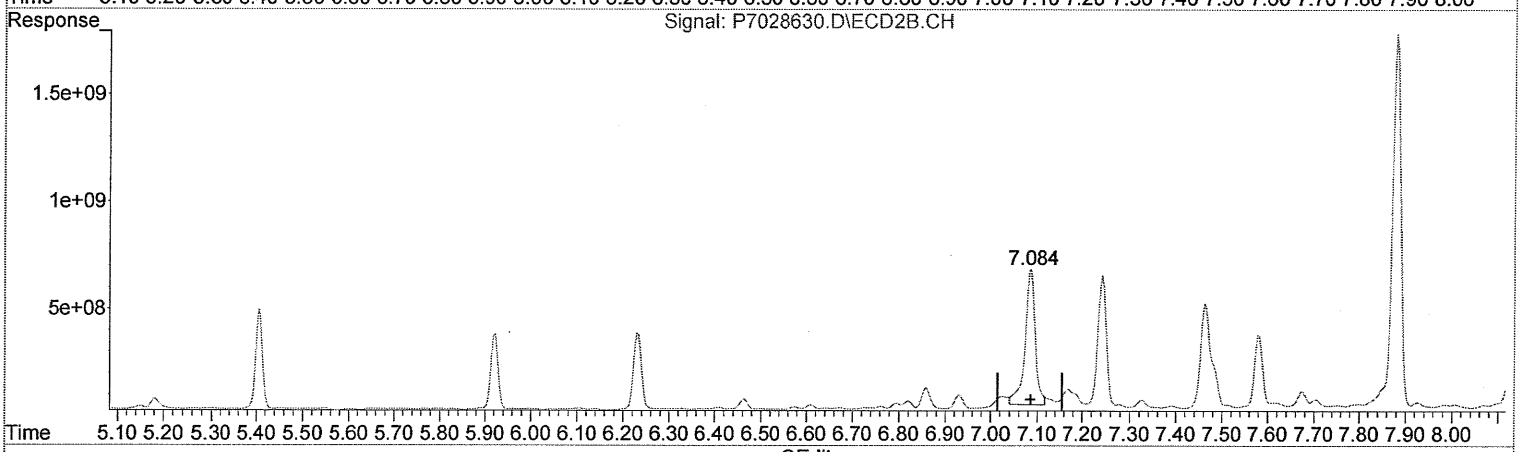
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:42 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(12) 4,4'-DDE (B)

6.109min 66.836 ng/ml

response 3100325081

(12) 4,4'-DDE #2 (B)

7.084min 112.602 ng/ml m

response 9599418297

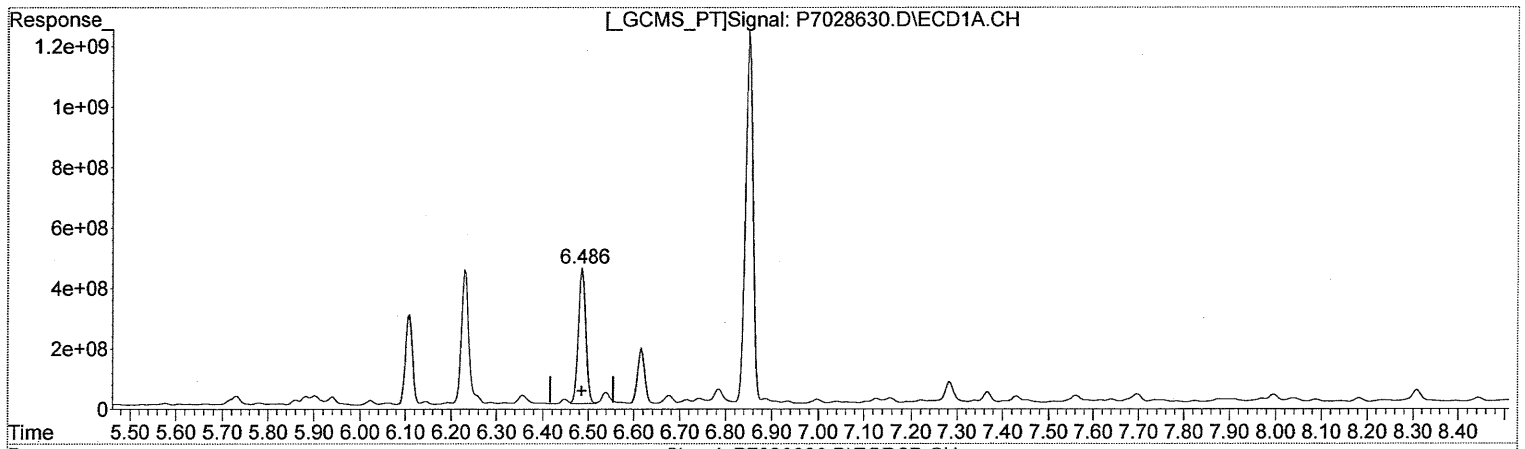
(+) = Expected Retention Time

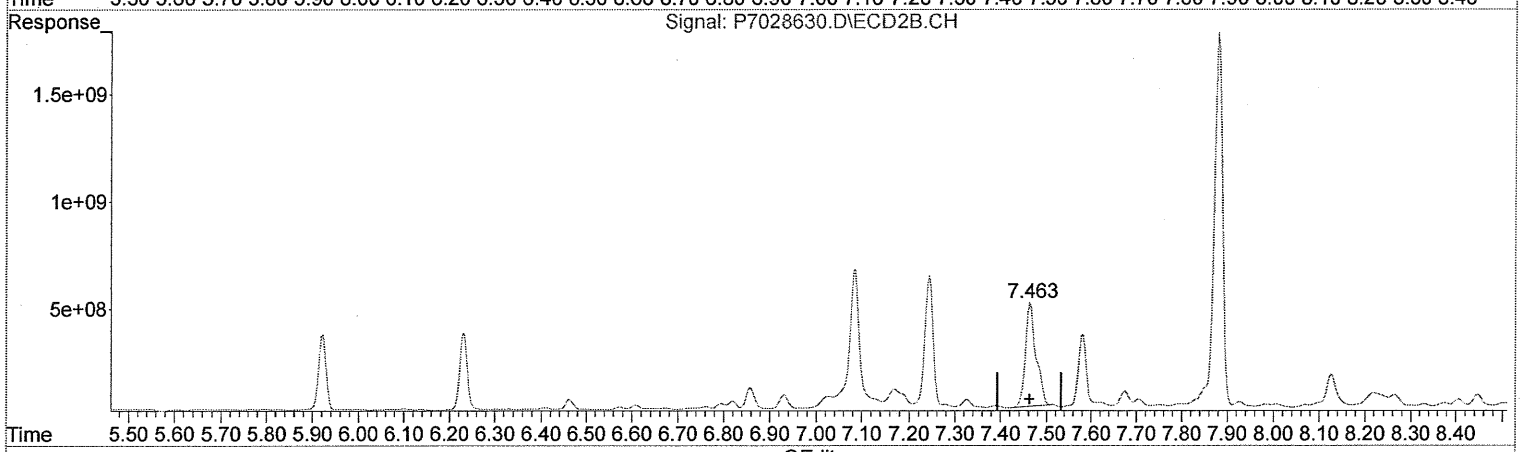
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:42 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





(14) Endrin (MA)

6.487min 132.083 ng/ml

response 5263320159

(14) Endrin #2 (MA)

7.464min 118.624 ng/ml

response 7818841803

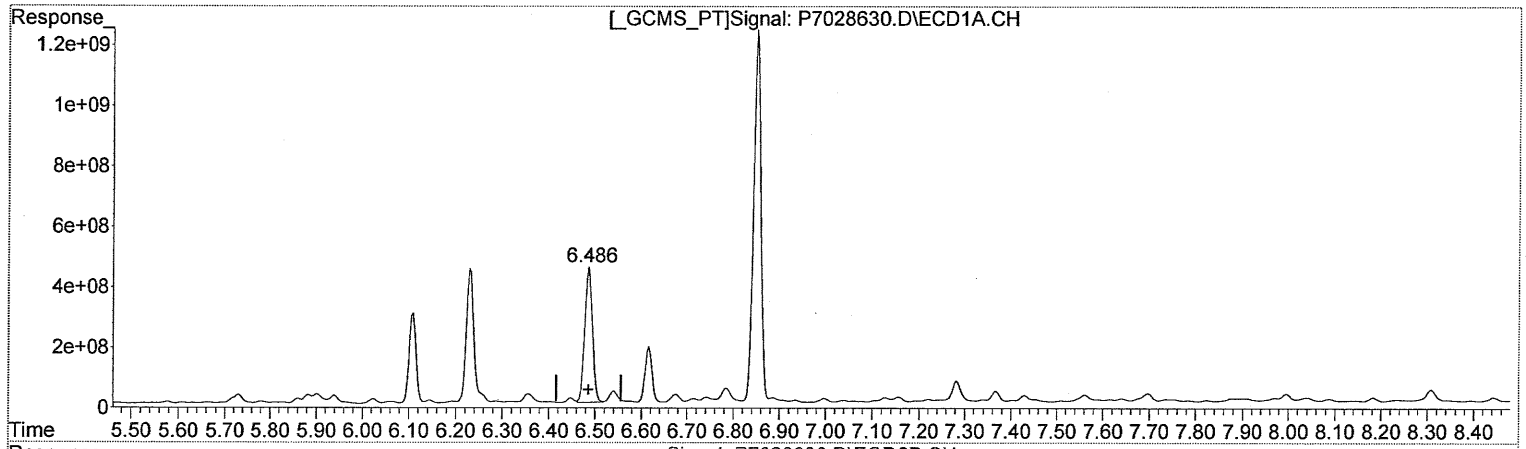
(+) = Expected Retention Time

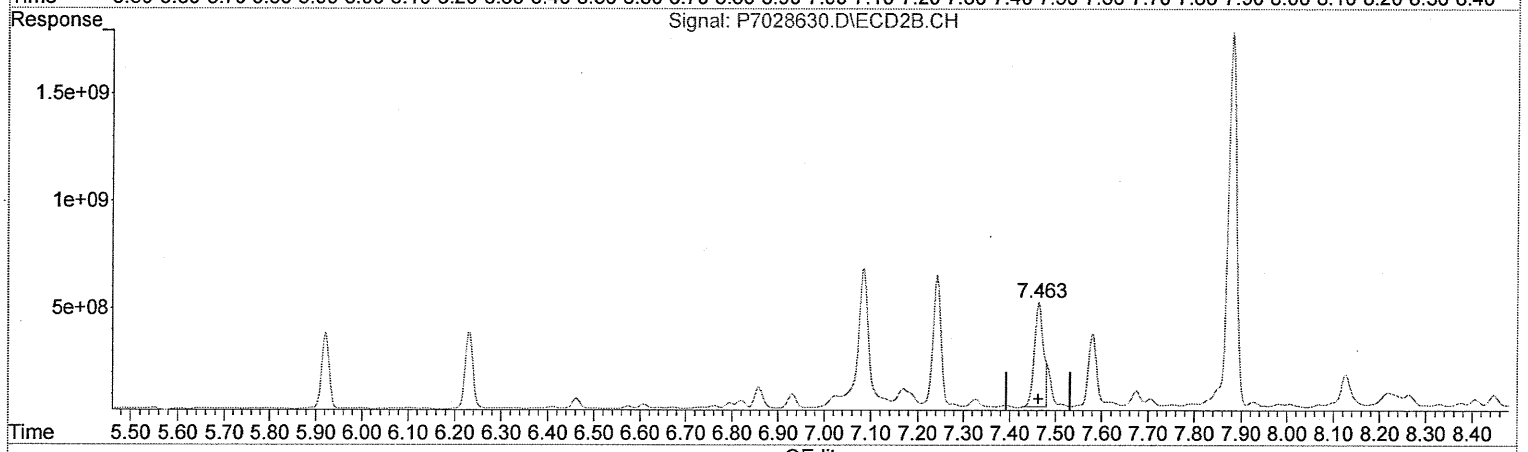
Quantitation Report (Qedit)

Data Path : I:\HPCHEM1\Ecd 7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:42 2008
Quant Method : I:\HPCHEM1\Ecd 7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

6.487min 132.083 ng/ml

response 5263320159

(14) Endrin #2 (MA)

7.463min 103.207 ng/ml m

response 6802637757

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : I:\HPCHEM1\Ecd_7\Data\P7102708\
Data File : P7028630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Oct 2008 2:32
Operator : JJ
Sample : Z4920-10MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:49:08 2008
Quant Method : I:\HPCHEM1\Ecd_7\Method\P7102708.M
Quant Title : GC Extractables
QLast Update : Mon Oct 27 18:10:44 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds								
1)	SA	Tetrachlo...	3.983	4.714	2073.3E6	3788.6E6	51.057	43.202
22)	SA	Decachlor...	8.657	9.872	2599.7E6	4807.9E6	72.837	72.632
Target Compounds								
3)	MA	gamma-BHC...	4.703	5.408	2494.8E6	5179.8E6	49.919	48.843
4)	MA	Heptachlor	4.988	5.922	2372.1E6	4264.8E6	52.351	44.894
5)	MB	Aldrin	5.227	6.232	2413.8E6	4324.8E6	45.240	40.066
10)	B	gamma-Chl...	5.884	6.859	328.6E6	1273.1E6	6.780	13.626 #
11)	B	alpha-Chl...	5.940	6.932	403.6E6	852.2E6	8.609	9.548
12)	B	4,4'-DDE	6.109	7.084	3100.3E6	9599.4E6	66.836	112.602m#
13)	MA	Dieldrin	6.231	7.244	5088.1E6	8144.5E6	101.531	90.627
14)	MA	Endrin	6.487	7.463	5263.3E6	6802.6E6	132.083	103.207m
16)	A	4,4'-DDD	6.617	7.582	1938.2E6	3773.6E6	50.537	48.043
17)	MA	4,4'-DDT	6.848	7.885	9967.3E6	18615.4E6	383.129	340.687

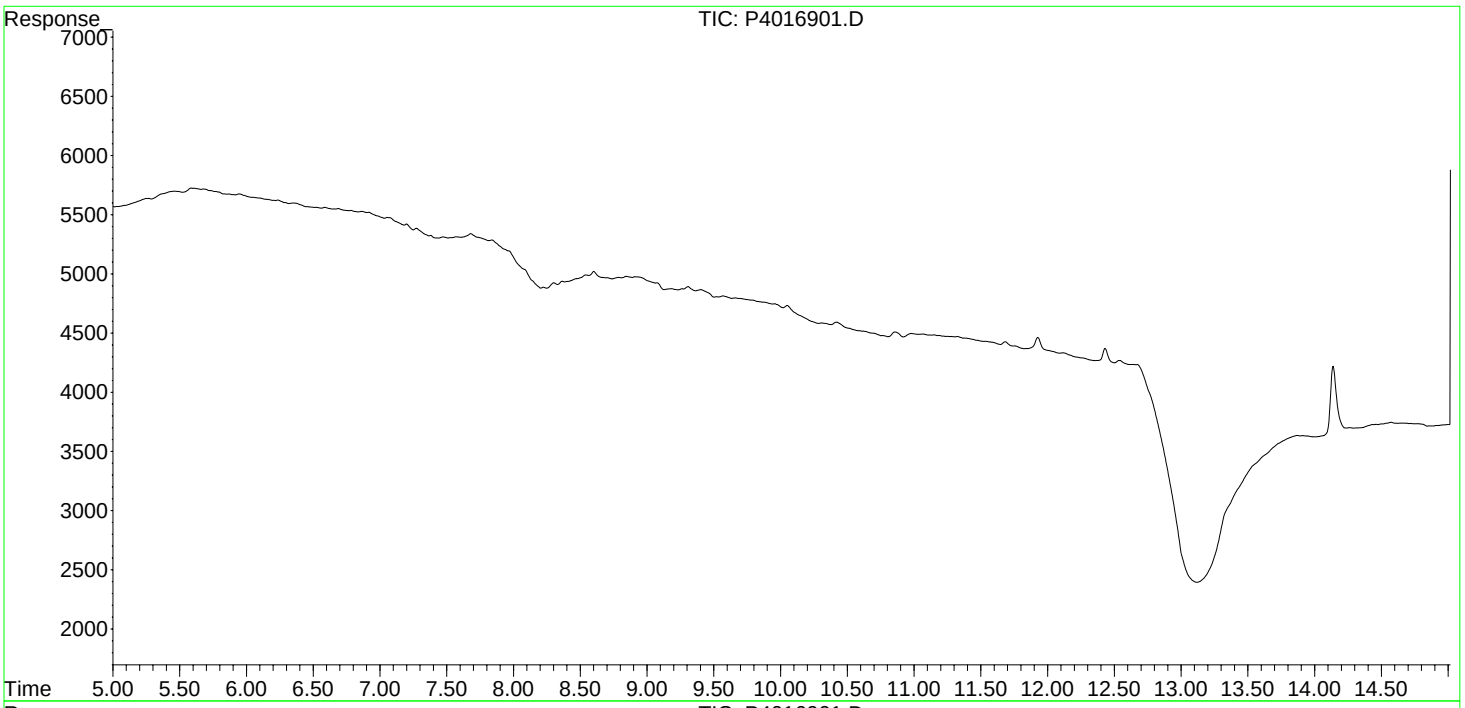
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

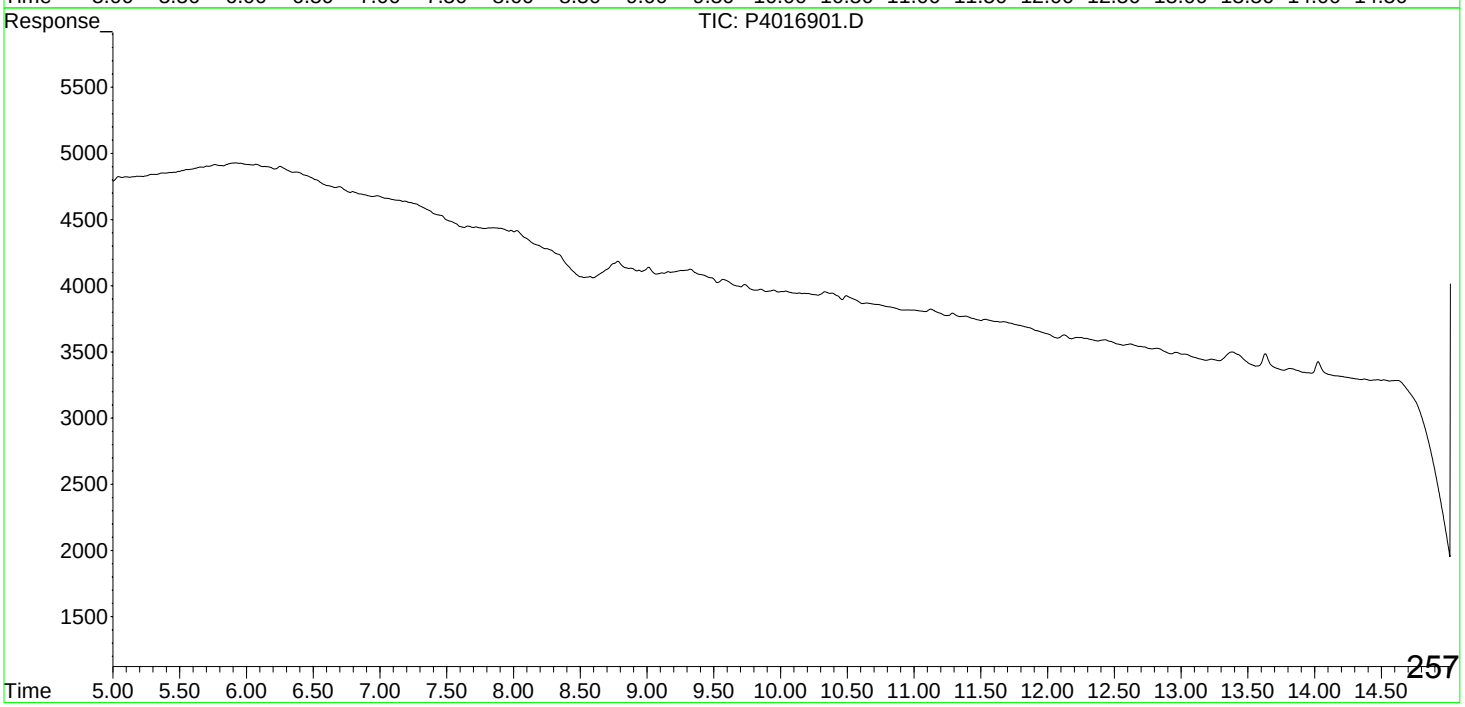
Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\Ecd 4\Data\P4101008\
Data File : P4016901.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Oct 2008 16:14
Operator : LH
Sample : Z4848-06
Misc : PEST-GPC-BLANK100030806
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 05:44:39 2008
Quant Method : Z:\HPCHEM1\Ecd 4\Method\P4100808a.M
Quant Title : GC Extractables
QLast Update : Thu Oct 09 18:52:36 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLP Signal #2 Phase: Rtx-CLPestides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\Ecd 4\Data\P4101008\
Data File : P4016901.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Oct 2008 16:14
Operator : LH
Sample : Z4848-06
Misc : PEST-GPC-BLANK100030806
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 05:44:39 2008
Quant Method : Z:\HPCHEM1\Ecd 4\Method\P4100808a.M
Quant Title : GC Extractables
QLast Update : Thu Oct 09 18:52:36 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLP Signal #2 Phase: Rtx-CLPestides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds

Target Compounds

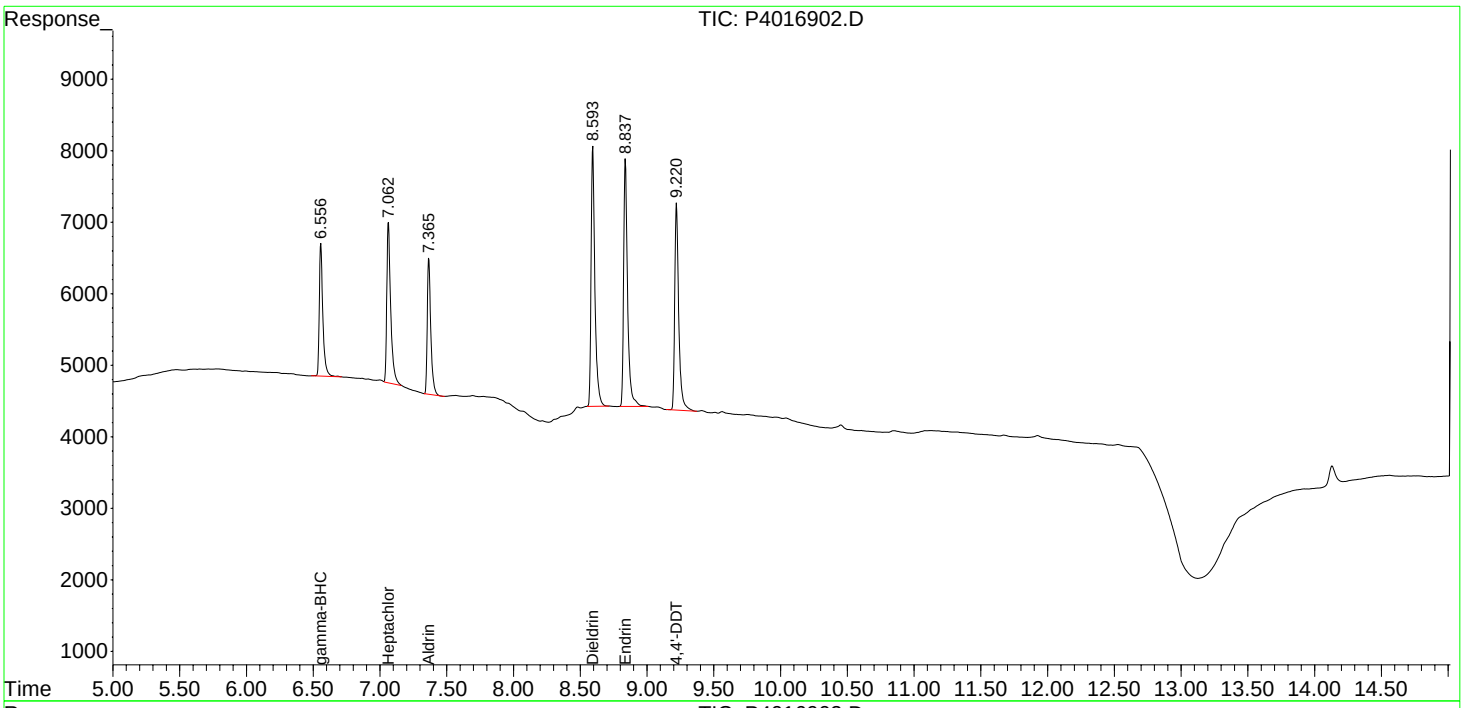
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

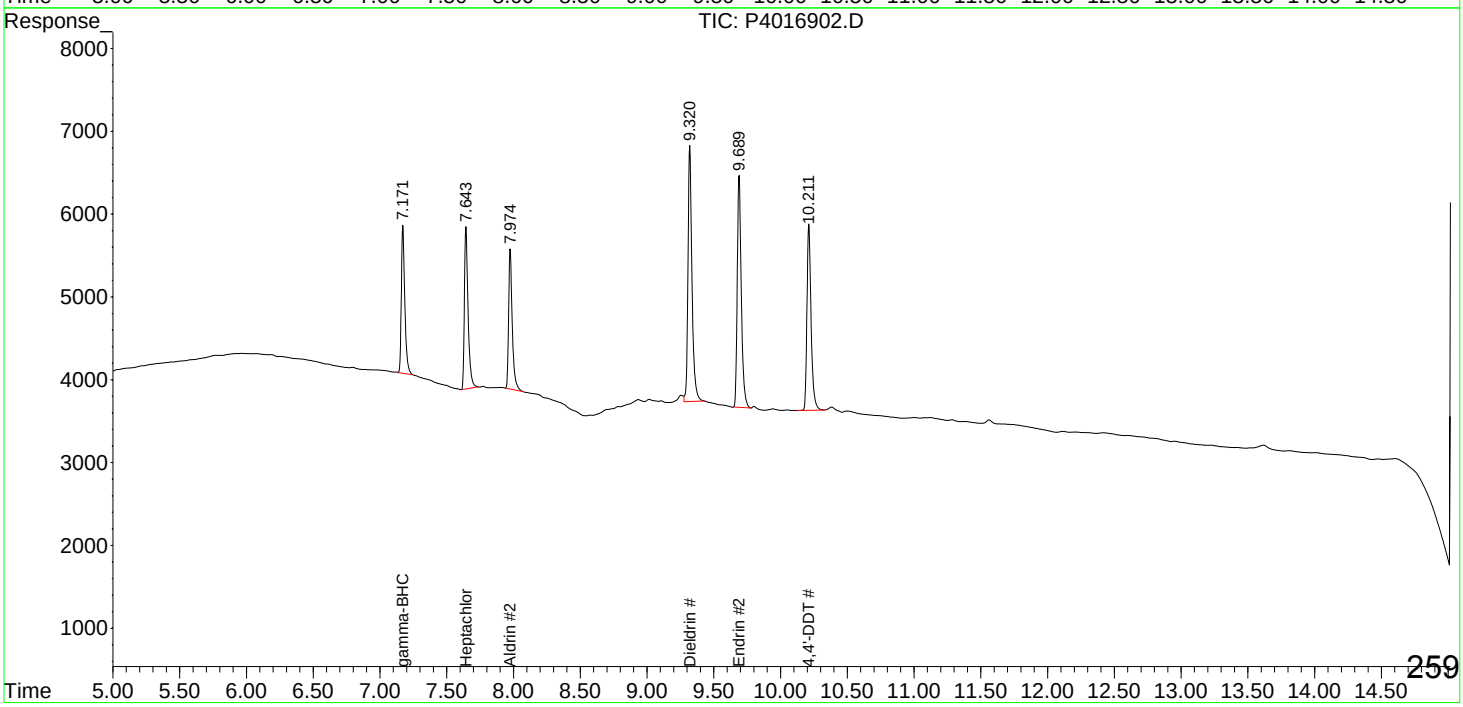
Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\Ecd 4\Data\P4101008\
Data File : P4016902.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Oct 2008 18:25
Operator : LH
Sample : Z4848-07
Misc : PEST-GCP-BLANK-SPIKE100030806
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 13 09:34:06 2008
Quant Method : S:\Ecd 4\Method\P4100808a.M
Quant Title : GC Extractables
QLast Update : Thu Oct 09 18:52:36 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLP Signal #2 Phase: Rtx-CLPestides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\Ecd 4\Data\P4101008\
Data File : P4016902.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Oct 2008 18:25
Operator : LH
Sample : Z4848-07
Misc : PEST-GCP-BLANK-SPIKE100030806
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 13 09:34:06 2008
Quant Method : S:\Ecd 4\Method\P4100808a.M
Quant Title : GC Extractables
QLast Update : Thu Oct 09 18:52:36 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLP Signal #2 Phase: Rtx-CLPestides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3) MA	gamma-BHC...	6.557	7.171	34160	31908	41.082	39.056m
4) MA	Heptachlor	7.062	7.643	45515	37356	42.194m	39.135m
5) MB	Aldrin	7.366	7.976	34559	31612	40.536	39.263
13) MA	Dieldrin	8.594	9.321	71635	64462	81.181	79.351
14) MA	Endrin	8.838	9.690	70863	58450	85.921	78.698
17) MA	4,4'-DDT	9.221	10.213	60582	48305	96.809	94.064

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

CHEMTECH EXTRACTION LOGPAGE

SOP#: M 3541

Batch# PB37147

Matrix : Solid

Extraction Date : 10/10/2008 12:00:00 AM

Clean Up Method: GPC Cleanup,Florosil,Sulfuric Acid,

Extracted By : DP / RO

Review By:

Method of Extraction

- [ ] Seperatory Funnel
- [ ] Continious Liquid/Liquid
- [ ] Sonication
- [ ] Waste Dilution
- [x] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Matrix Spike	2.0ML	2501500ppb	GCP7276
Matrix Spike	1.0ML	2000 ppb	GCP7704

10.10.8

Chemical Used	Lot Number
Methylene Chloride	ER1533
Acetone	ER1526
Sodium Sulfate	ER1498
Hexane	ER1525
H2SO4 1:1	X811

Extraction Conformance/Non-Conformance Comments:

10/10/08

KD Bath Temperature: 58 c

Envap Temperature: 40 c

Received Date: 10/10/08

Received By: BJ

Delivered Date: 10/10/08

Delivered By: RO

Analysis Group: HM, HP, QM

Extraction Group: BE, BP, DM, DP, DR, DS, IG, JM, JR, MA, MGS, MS, RP, SA

CHEMTECH

EXTRACTION LOGRAGE

PrepBatch ID PB37147

Method: OLM04.3

Supervisor Review:

Date: 10 / 10 / 08

Initials: DP

Concentration Date: 10 / 10 / 08

Extraction Date: 10/10/2008 12:00:00 AM

Initials: RA

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spk	Final Vol. (mL)	Comments
Z4848-06	PEST-GPC-BLANK	Pesticide-TCL	30.02	NA	deepak	5	
Z4848-07	PEST-GPC-BLANK-SPIKE	Pesticide-TCL	30.01		deepak	5	
Z4848-08	PCB-GPC-BLANK	PCB	30.03		deepak	5	
Z4848-09	PCB--GPC-BLANK-SPIKE	PCB	30.05		deepak	5	

10/10/08
RA

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE PrepBatch ID PB37147

Method:_____ Supervisor Review:_____ Date:____/____/_____

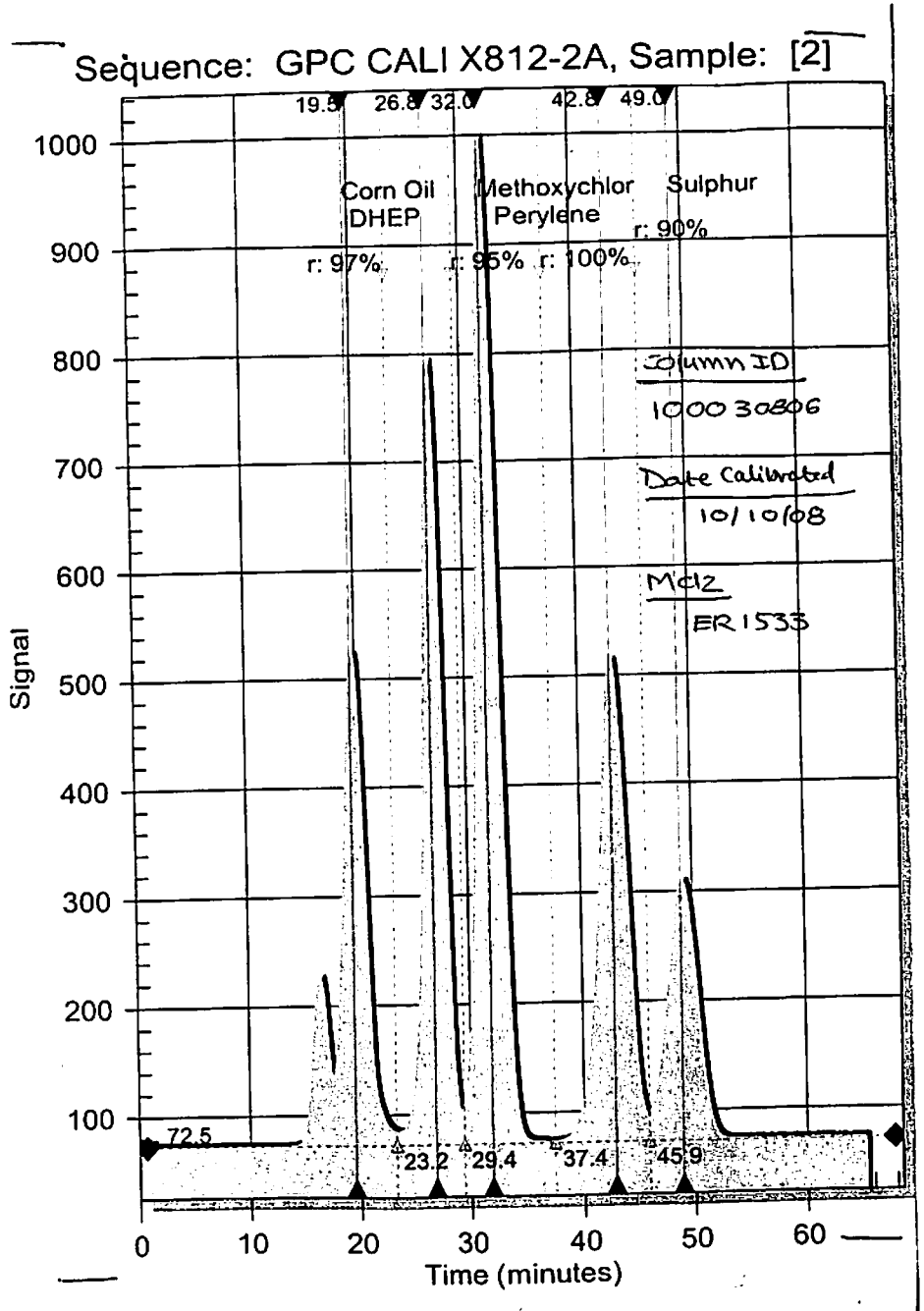
Initials:_____ Concentration Date:____/____/_____

Extraction Date:_ 10/10/2008 12:00:00 AM ~~Initials:~~_____ 10/10/08

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
Z4848-06	PEST-GPC-BLANK	Pesticide-TCL	30.02	N/A	deepak	5	
Z4848-07	PEST-GPC-BLANK-SPIKE	Pesticide-TCL	30.01	N/A	deepak	5	
Z4848-08	PCB-GPC-BLANK	PCB	30.03	N/A	deepak	5	
Z4848-09	PCB--GPC-BLANK-SPIKE	PCB	30.05	N/A	deepak	5	

10/10/08

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.



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Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

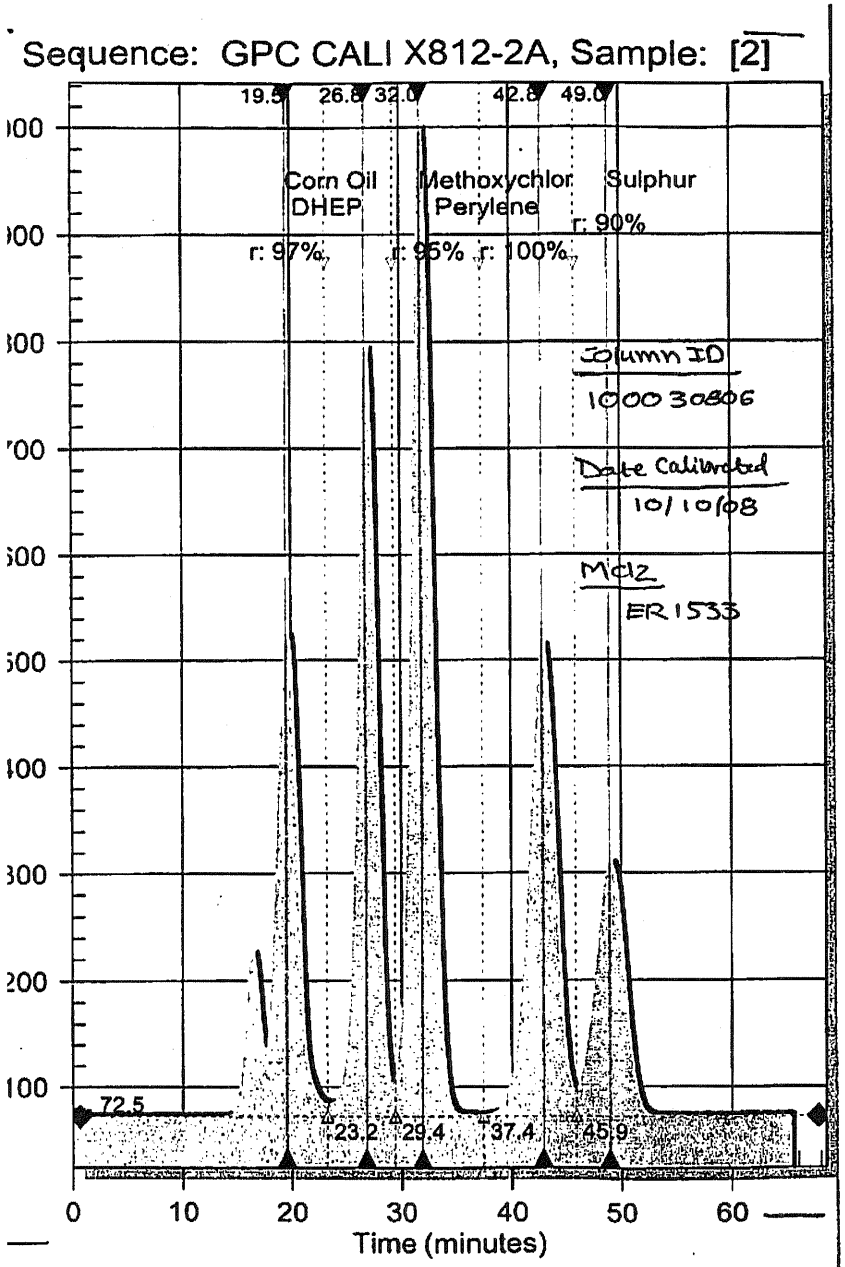
264

Start Date: 10/9/08 End Date: 10/14/08 Analyst DP Review By: _____

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER 1533
CALIB. DATE:	10/7/08	PCB Check		MC

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	1	column cleaned					PM.
	2	GPC cal x 816-2	–	–	–	–	UV Trace Analysis
	1	column cleaned					PM
	2	column cleaned					
	3	Pcb SPK	90	10/10/08		✓	Z48848
	4	Pest-blank				✓	
	5	Pcb SPK				✓	
	6	Pest blank				✓	
	7	GPC blank	120		✓		

Doc Control # A3040662



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Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/9/08 End Date: 10/14/08 Analyst DP Review By: [illegible]

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER 1533
CALIB. DATE:	10/7/08	PCB Check		ML

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	1	column cleaned					pm.
	2	GPC cal x 816-2	–	–	–	–	UV Trace Analysis
	1	column cleaned					pm
	2	column cleaned					
	3	Pcb SPK	90	10/10/08		✓	24848
	4	Pest blank				✓	
	5	Pcb SPK				✓	
	6	Pest blank				✓	
	7	GPC blank	120		✓		
	1	24923-01	120	10/13/08	✓		24923
	2	-02			✓		(SVOC) 10/14/08
	3	-03			✓		
	4	-04			✓		
	5	-05			✓		
	6	-06			✓		
	7	-07			✓		
	8	-08			✓		
	9	-09			✓		
	10	-10			✓		
	11	-11			✓		

Doc Control # A3040662

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Daily Maintenance Runlog For J2 SCIENTIFIC ACCUPREP GPC System

	Analyst Initial	Performed
1.		None
2.		
3		
4		
5		

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Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/8/08 End Date: 10/14/08 Analyst DP Review By:

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER 1533
CALIB. DATE:	10/7/08	PCB Check		

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	12	24923-12	120	10/13/08	✓		24923
	13	-13			✓		(SVOC) 10/14/08
	14	-14			✓		
	15	-15			✓		
	16	-16			✓		
	17	24923.01 MS			✓		
	18	24923.01 MSD			✓		
	19	PB 37182 BL			✓		
	1	GPC cleanup	—	—	—	—	—
	2	24920-03	120	10/13/08	✓		24920
	3	-04			✓		(SVOC)
	4	-05			✓		
	5	-06			✓		
	6	-07			✓		
	7	-08			✓		
	8	-09			✓		MS
	9	-10			✓		MSD
	10	-11			✓		
	11	-12			✓		
	12	24920 -13			✓		

Daily Maintenance Runlog For J2 SCIENTIFIC ACCUPREP GPC System

	Analyst Initial	Performed
1.		
2.		
3		
4		
5		

Daily Analysis Runlog
J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/2/08 End Date: 10/14/08 Analyst DP Review By: _____

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER1533
CALIB. DATE:	10/7/08	PCB Check		

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	13	24923-01	90	10/13/08		✓	24923 (Pest)
	14	-02				✓	(10/13 & 10/14)
	15	-03				✓	
	16	-04				✓	
	17	-05				✓	
	18	-06				✓	
	19	-07				✓	
	20	-08				✓	
	21	-09				✓	
	22	-10				✓	
	23	-11				✓	
	24	-12				✓	
	25	-13				✓	
	26	-14				✓	
	27	-15				✓	
	28	24923 -16				✓	
	29	24923-02 MS				✓	
	30	24923-03 MSD				✓	
	31	PB 37181BS				✓	
	32	PB 37181BL				✓	

Daily Maintenance Runlog For J2 SCIENTIFIC ACCUPREP GPC System

	Analyst Initial	Performed
1.		
2.		
3		
4		
5		10/14/08

Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/8/08 End Date: 10/14/08 Analyst: DP Review By:

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2.W	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1.W	Pesticide Check		ER1533
CALIB. DATE:	10/7/08	PCB Check		

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	1	GPC cleanup	—	—	—	—	PM.
	2	24920 -03	90	10/13/08		✓	24920 (PEST)
	3	-04				✓	C10114 - 10/15)
	4	-05				✓	
	5	-06				✓	
	6	-07				✓	
	7	-08				✓	
	8	-09				✓	MS
	9	-10				✓	MSD
	10	-11				✓	
	11	-12				✓	
	12	24920 -13				✓	
	13	PB3718013S				✓	
	14	PB3718013L				✓	
	15	GPC cleanup					PM.

10/15

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Manual Integration Report

Sequence	p4100808	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5PPB PEST	P4016807.D	Methoxychlor #2	luyin	10/15/2008 9:42:56 AM	birha	10/15/2008 9:45:48 AM	Peak Integrated by Software incorrectly
PEM	P4016825.D	Methoxychlor	luyin	10/15/2008 9:43:38 AM	birha	10/15/2008 9:46:10 AM	Peak Integrated by Software incorrectly
PEM	P4016825.D	Methoxychlor #2	luyin	10/15/2008 9:43:38 AM	birha	10/15/2008 9:46:10 AM	Peak Integrated by Software incorrectly
RESCHK	P4016826.D	Methoxychlor	luyin	10/15/2008 9:43:49 AM	birha	10/15/2008 9:46:31 AM	Peak Integrated by Software incorrectly
RESCHK	P4016826.D	gamma-Chlordane	luyin	10/15/2008 9:43:49 AM	birha	10/15/2008 9:46:31 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	alpha-BHC #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Aldrin #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Heptachlor	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	alpha-BHC	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	delta-BHC	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	beta-BHC #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	p4100808	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5PPB PEST	P4016831.D	Aldrin	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Methoxychlor #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Endosulfan Sulfate	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Endosulfan Sulfate #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Endrin ketone	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Endrin ketone #2	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly
5PPB PEST	P4016831.D	Methoxychlor	luyin	10/15/2008 9:44:09 AM	birha	10/15/2008 9:47:30 AM	Peak Integrated by Software incorrectly

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By		Review On	
Tune/Reschk	GCS1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p4100808
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	100PPB PEST	P4016803.D	8 Oct 2008 13:00	LH	Not Ok
2	75PPB PEST	P4016804.D	8 Oct 2008 13:19	LH	Not Ok
3	50PPB PEST	P4016805.D	8 Oct 2008 13:38	LH	Not Ok
4	25PPB PEST	P4016806.D	8 Oct 2008 13:57	LH	Not Ok
5	5PPB PEST	P4016807.D	8 Oct 2008 14:15	LH	Not Ok
6	10PPB PEST	P4016808.D	8 Oct 2008 14:34	LH	Not Ok
7	75PPB PEST	P4016814.D	8 Oct 2008 16:28	LH	Not Ok
8	I.BLK	P4016824.D	8 Oct 2008 21:16	LH	Ok
9	PEM	P4016825.D	8 Oct 2008 21:35	LH	Ok,M
10	RESCHK	P4016826.D	8 Oct 2008 21:54	LH	Ok,M
11	100PPB PEST	P4016827.D	8 Oct 2008 22:13	LH	Ok
12	75PPB PEST	P4016828.D	8 Oct 2008 22:32	LH	Ok
13	50PPB PEST	P4016829.D	8 Oct 2008 22:51	LH	Ok
14	25PPB PEST	P4016830.D	8 Oct 2008 23:10	LH	Ok
15	5PPB PEST	P4016831.D	8 Oct 2008 23:29	LH	Ok,M
16	10PPB PEST	P4016832.D	8 Oct 2008 23:48	LH	Not Ok
17	TOX 500	P4016833.D	9 Oct 2008 00:06	LH	Ok

18	CHLOR 500	P4016834.D	9 Oct 2008 00:25	LH	Ok
19	STD 50 ICV	P4016835.D	9 Oct 2008 00:44	LH	Ok
20	TOX 500 ICV	P4016836.D	9 Oct 2008 1:03	LH	Ok
21	CHLOR 500 ICV	P4016837.D	9 Oct 2008 1:22	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By		Review On	
Tune/Reschk	GCS1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p4100808
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	HEXANE	P4016838.D	9 Oct 2008 1:41	LH	Ok
23	HEXANE	P4016839.D	9 Oct 2008 2:00	LH	Ok
24	I.BLK	P4016840.D	9 Oct 2008 2:19	LH	Ok
25	PEM	P4016841.D	9 Oct 2008 2:38	LH	Ok
26	STD 50	P4016842.D	9 Oct 2008 2:57	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By		Review On	
Tune/Reschk	GCS1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	P4100808
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	100PPB PEST	P4016803.D		Not Ok
2	75PPB PEST	P4016804.D		Not Ok
3	50PPB PEST	P4016805.D		Not Ok
4	25PPB PEST	P4016806.D		Not Ok
5	5PPB PEST	P4016807.D		Not Ok
6	10PPB PEST	P4016808.D		Not Ok
7	75PPB PEST	P4016814.D		Not Ok
8	I.BLK	P4016824.D		Ok
9	PEM	P4016825.D		Ok,M
10	RESCHK	P4016826.D		Ok,M
11	100PPB PEST	P4016827.D		Ok
12	75PPB PEST	P4016828.D		Ok
13	50PPB PEST	P4016829.D		Ok
14	25PPB PEST	P4016830.D		Ok
15	5PPB PEST	P4016831.D		Ok,M
16	10PPB PEST	P4016832.D	Not required	Not Ok
17	TOX 500	P4016833.D		Ok
18	CHLOR 500	P4016834.D		Ok
19	STD 50 ICV	P4016835.D		Ok
20	TOX 500 ICV	P4016836.D		Ok
21	CHLOR 500 ICV	P4016837.D		Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By		Review On	
Tune/Reschk	GCS1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	P4100808
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	HEXANE	P4016838.D		Ok
23	HEXANE	P4016839.D		Ok
24	I.BLK	P4016840.D		Ok
25	PEM	P4016841.D		Ok
26	STD 50	P4016842.D		Ok

CHEMTECH

Manual Integration Report

Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P4016892.D	Methoxychlor	luyin	10/13/2008 1:20:50 PM	mohammad	10/14/2008 10:33:02 AM	Peak Integrated by Software incorrectly
PEM	P4016892.D	beta-BHC #2	luyin	10/13/2008 1:20:50 PM	mohammad	10/14/2008 10:33:02 AM	Peak Integrated by Software incorrectly
Z4880-09 10X	P4016917.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:05:59 AM	luyin	10/13/2008 1:22:43 PM	Peak Integrated by Software incorrectly
Z4880-09 10X	P4016917.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:59 AM	luyin	10/13/2008 1:22:43 PM	Peak Integrated by Software incorrectly
Z4880-09 10X	P4016917.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:59 AM	luyin	10/13/2008 1:22:43 PM	Peak Integrated by Software incorrectly
Z4880-09 10X	P4016917.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:05:59 AM	luyin	10/13/2008 1:22:43 PM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	alpha-Chlordane	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	alpha-Chlordane #2	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	gamma-Chlordane	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	gamma-Chlordane #2	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-10 10X	P4016918.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-10 10X	P4016918.D	alpha-Chlordane #2	Nidhi	10/11/2008 7:05:28 AM	mohammad	10/14/2008 10:33:56 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	gamma-Chlordane #2	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	alpha-Chlordane #2	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	alpha-Chlordane	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	Heptachlor #2	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	gamma-Chlordane	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	gamma-Chlordane	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly
Z4880-11 10X	P4016919.D	Heptachlor	Nidhi	10/11/2008 7:05:24 AM	mohammad	10/14/2008 10:34:14 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-12 10X	P4016920.D	gamma-Chlordane #2	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	alpha-Chlordane	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	alpha-Chlordane #2	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	gamma-Chlordane	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
Z4880-12 10X	P4016920.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:05:56 AM	mohammad	10/14/2008 10:34:25 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	alpha-BHC #2	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	Methoxychlor	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	Endrin aldehyde	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P4016924.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
STD 100	P4016924.D	alpha-BHC	Nidhi	10/11/2008 7:05:19 AM	mohammad	10/14/2008 10:34:30 AM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endrin ketone #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Methoxychlor	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Methoxychlor #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endrin ketone	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endrin aldehyde	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endosulfan Sulfate #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Endosulfan II	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-01MS 10X	P4016925.D	delta-BHC	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	delta-BHC #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Heptachlor	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Heptachlor #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	beta-BHC	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	alpha-BHC #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	gamma-BHC (Lindane)	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	gamma-BHC (Lindane) #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MS 10X	P4016925.D	alpha-BHC	Nidhi	10/11/2008 7:05:13 AM	luyin	10/13/2008 1:24:02 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	Methoxychlor #2	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-01MSD 10X	P4016926.D	Heptachlor #2	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	beta-BHC	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	alpha-BHC	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	gamma-BHC (Lindane)	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	gamma-BHC (Lindane) #2	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
Z4880-01MSD 10X	P4016926.D	alpha-BHC #2	Nidhi	10/11/2008 7:05:08 AM	luyin	10/13/2008 1:24:32 PM	Peak Integrated by Software incorrectly
STD 100	P4016930.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:58 AM	mohammad	10/14/2008 10:34:35 AM	Peak Integrated by Software incorrectly
STD 100	P4016930.D	Methoxychlor	Nidhi	10/11/2008 7:04:58 AM	mohammad	10/14/2008 10:34:35 AM	Peak Integrated by Software incorrectly
STD 100	P4016930.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:04:58 AM	mohammad	10/14/2008 10:34:35 AM	Peak Integrated by Software incorrectly
STD 100	P4016930.D	Endosulfan Sulfate #2	Nidhi	10/11/2008 7:04:58 AM	mohammad	10/14/2008 10:34:35 AM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P4016930.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:58 AM	mohammad	10/14/2008 10:34:35 AM	Peak Integrated by Software incorrectly
STD 100	P4016894.D	Methoxychlor	luyin	10/13/2008 1:21:01 PM	mohammad	10/14/2008 10:33:06 AM	Peak Integrated by Software incorrectly
HEXANE	P4016897.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:04:18 AM	luyin	10/13/2008 1:21:11 PM	Peak Integrated by Software incorrectly
HEXANE	P4016897.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:18 AM	luyin	10/13/2008 1:21:11 PM	Peak Integrated by Software incorrectly
HEXANE	P4016897.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:18 AM	luyin	10/13/2008 1:21:11 PM	Peak Integrated by Software incorrectly
HEXANE	P4016897.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:04:18 AM	luyin	10/13/2008 1:21:11 PM	Peak Integrated by Software incorrectly
I.BLK	P4016899.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:04:21 AM	luyin	10/13/2008 1:21:21 PM	Peak Integrated by Software incorrectly
I.BLK	P4016899.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:04:21 AM	luyin	10/13/2008 1:21:21 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Endrin aldehyde #2	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Heptachlor	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P4016900.D	gamma-BHC (Lindane)	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Methoxychlor #2	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Endrin aldehyde	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
STD 100	P4016900.D	Methoxychlor	Nidhi	10/11/2008 7:04:26 AM	luyin	10/13/2008 1:25:44 PM	Peak Integrated by Software incorrectly
Z4848-07	P4016902.D	Heptachlor	Nidhi	10/11/2008 7:04:30 AM	mohammad	10/14/2008 10:33:19 AM	Peak Integrated by Software incorrectly
Z4848-07	P4016902.D	Heptachlor #2	Nidhi	10/11/2008 7:04:30 AM	mohammad	10/14/2008 10:33:19 AM	Peak Integrated by Software incorrectly
Z4848-07	P4016902.D	gamma-BHC (Lindane) #2	Nidhi	10/11/2008 7:04:30 AM	mohammad	10/14/2008 10:33:19 AM	Peak Integrated by Software incorrectly
PB37105BL	P4016903.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:06:16 AM	mohammad	10/14/2008 10:33:27 AM	Peak Integrated by Software incorrectly
PB37105BL	P4016903.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:06:16 AM	mohammad	10/14/2008 10:33:27 AM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37105BL	P4016903.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:06:16 AM	mohammad	10/14/2008 10:33:27 AM	Peak Integrated by Software incorrectly
PB37105BS	P4016904.D	gamma-Chlordane #2	Nidhi	10/11/2008 7:04:33 AM	mohammad	10/14/2008 10:33:34 AM	Peak Integrated by Software incorrectly
PB37105BS	P4016904.D	alpha-BHC	Nidhi	10/11/2008 7:04:33 AM	mohammad	10/14/2008 10:33:34 AM	Peak Integrated by Software incorrectly
PB37105BS	P4016904.D	alpha-BHC #2	Nidhi	10/11/2008 7:04:33 AM	mohammad	10/14/2008 10:33:34 AM	Peak Integrated by Software incorrectly
PB37105BS	P4016904.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:04:33 AM	mohammad	10/14/2008 10:33:34 AM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Decachlorobiphenyl	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Tetrachloro-m-xylene	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Tetrachloro-m-xylene #2	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Tetrachloro-m-xylene	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Tetrachloro-m-xylene #2	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-01 10X	P4016905.D	Decachlorobiphenyl #2	luyin	10/13/2008 1:26:36 PM	luyin	10/13/2008 1:26:36 PM	Peak Integrated by Software incorrectly
Z4880-02 10X	P4016906.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:37 AM	luyin	10/13/2008 1:26:55 PM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-02 10X	P4016906.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:37 AM	luyin	10/13/2008 1:26:55 PM	Peak Integrated by Software incorrectly
Z4880-03 10X	P4016907.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:40 AM	luyin	10/13/2008 1:27:07 PM	Peak Integrated by Software incorrectly
Z4880-03 10X	P4016907.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:40 AM	luyin	10/13/2008 1:27:07 PM	Peak Integrated by Software incorrectly
Z4880-04 10X	P4016908.D	Decachlorobiphenyl #2	Nidhi	10/11/2008 7:04:51 AM	luyin	10/13/2008 1:25:57 PM	Peak Integrated by Software incorrectly
Z4880-04 10X	P4016908.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:51 AM	luyin	10/13/2008 1:25:57 PM	Peak Integrated by Software incorrectly
Z4880-04 10X	P4016908.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:04:51 AM	luyin	10/13/2008 1:25:57 PM	Peak Integrated by Software incorrectly
Z4880-04 10X	P4016908.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:04:51 AM	luyin	10/13/2008 1:25:57 PM	Peak Integrated by Software incorrectly
Z4880-04 10X	P4016908.D	Decachlorobiphenyl	Nidhi	10/11/2008 7:04:51 AM	luyin	10/13/2008 1:25:57 PM	Peak Integrated by Software incorrectly
PEM	P4016911.D	beta-BHC #2	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
PEM	P4016911.D	gamma-BHC (Lindane) #2	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
PEM	P4016911.D	Dieldrin	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
PEM	P4016911.D	Methoxychlor	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P4016911.D	alpha-BHC	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
PEM	P4016911.D	alpha-BHC #2	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
PEM	P4016911.D	gamma-BHC (Lindane)	Nidhi	10/11/2008 7:04:44 AM	mohammad	10/14/2008 10:32:54 AM	Peak Integrated by Software incorrectly
STD 100	P4016912.D	Endrin aldehyde	Nidhi	10/11/2008 7:04:54 AM	mohammad	10/14/2008 10:33:46 AM	Peak Integrated by Software incorrectly
STD 100	P4016912.D	Endrin aldehyde #2	Nidhi	10/11/2008 7:04:54 AM	mohammad	10/14/2008 10:33:46 AM	Peak Integrated by Software incorrectly
STD 100	P4016912.D	Heptachlor	Nidhi	10/11/2008 7:04:54 AM	mohammad	10/14/2008 10:33:46 AM	Peak Integrated by Software incorrectly
STD 100	P4016912.D	Endosulfan Sulfate	Nidhi	10/11/2008 7:04:54 AM	mohammad	10/14/2008 10:33:46 AM	Peak Integrated by Software incorrectly
STD 100	P4016912.D	Methoxychlor	Nidhi	10/11/2008 7:04:54 AM	mohammad	10/14/2008 10:33:46 AM	Peak Integrated by Software incorrectly
Z4880-05 10X	P4016913.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:06:42 AM	luyin	10/13/2008 1:22:02 PM	Peak Integrated by Software incorrectly
Z4880-05 10X	P4016913.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:42 AM	luyin	10/13/2008 1:22:02 PM	Peak Integrated by Software incorrectly
Z4880-05 10X	P4016913.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:42 AM	luyin	10/13/2008 1:22:02 PM	Peak Integrated by Software incorrectly
Z4880-06 10X	P4016914.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:06:13 AM	luyin	10/13/2008 1:22:12 PM	Peak Integrated by Software incorrectly

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Sequence	P4101008	Instrument	ECD_4

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4880-06 10X	P4016914.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:13 AM	luyin	10/13/2008 1:22:12 PM	Peak Integrated by Software incorrectly
Z4880-06 10X	P4016914.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:13 AM	luyin	10/13/2008 1:22:12 PM	Peak Integrated by Software incorrectly
Z4880-07 10X	P4016915.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:06:51 AM	luyin	10/13/2008 1:22:22 PM	Peak Integrated by Software incorrectly
Z4880-07 10X	P4016915.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:51 AM	luyin	10/13/2008 1:22:22 PM	Peak Integrated by Software incorrectly
Z4880-08 10X	P4016916.D	Tetrachloro-m-xylene	Nidhi	10/11/2008 7:06:07 AM	luyin	10/13/2008 1:22:33 PM	Peak Integrated by Software incorrectly
Z4880-08 10X	P4016916.D	Tetrachloro-m-xylene #2	Nidhi	10/11/2008 7:06:07 AM	luyin	10/13/2008 1:22:33 PM	Peak Integrated by Software incorrectly

CHEMTECH

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	I.BLK	P4016891.D	10 Oct 2008 9:06	LH	Ok
2	PEM	P4016892.D	10 Oct 2008 9:25	LH	Ok,M
3	STD 100	P4016893.D	10 Oct 2008 9:44	LH	Not Ok
4	STD 100	P4016894.D	10 Oct 2008 11:24	LH	Ok,M
5	Z4811-02	P4016895.D	10 Oct 2008 12:53	LH	Ok
6	Z4844-04	P4016896.D	10 Oct 2008 13:12	LH	Ok
7	HEXANE	P4016897.D	10 Oct 2008 13:31	LH	Ok,M
8	HEXANE	P4016898.D	10 Oct 2008 14:31	LH	Ok
9	I.BLK	P4016899.D	10 Oct 2008 14:49	LH	Ok,M
10	STD 100	P4016900.D	10 Oct 2008 15:08	LH	Ok,M
11	Z4848-06	P4016901.D	10 Oct 2008 16:14	LH	Ok
12	Z4848-07	P4016902.D	10 Oct 2008 17:49	LH	Ok,M
13	PB37105BL	P4016903.D	10 Oct 2008 19:10	LH	Ok,M
14	PB37105BS	P4016904.D	10 Oct 2008 19:29	LH	Not Ok
15	Z4880-01 10X	P4016905.D	10 Oct 2008 19:48	LH	Ok,M

16	Z4880-02 10X	P4016906.D	10 Oct 2008 20:06	LH	Ok,M
17	Z4880-03 10X	P4016907.D	10 Oct 2008 20:25	LH	Ok,M
18	Z4880-04 10X	P4016908.D	10 Oct 2008 20:44	LH	Ok,M
19	HEXANE	P4016909.D	10 Oct 2008 21:03	LH	Ok
20	I.BLK	P4016910.D	10 Oct 2008 21:22	LH	Ok
21	PEM	P4016911.D	10 Oct 2008 21:41	LH	Ok,M

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	STD 100	P4016912.D	10 Oct 2008 22:00	LH	Ok,M
23	Z4880-05 10X	P4016913.D	10 Oct 2008 22:19	LH	Ok,M
24	Z4880-06 10X	P4016914.D	10 Oct 2008 22:38	LH	Ok,M
25	Z4880-07 10X	P4016915.D	10 Oct 2008 22:56	LH	Ok,M
26	Z4880-08 10X	P4016916.D	10 Oct 2008 23:15	LH	Ok,M
27	Z4880-09 10X	P4016917.D	10 Oct 2008 23:34	LH	Ok,M
28	Z4880-10 10X	P4016918.D	10 Oct 2008 23:53	LH	Ok,M
29	Z4880-11 10X	P4016919.D	11 Oct 2008 00:12	LH	Ok,M
30	Z4880-12 10X	P4016920.D	11 Oct 2008 00:31	LH	Ok,M
31	HEXANE	P4016921.D	11 Oct 2008 00:49	LH	Ok
32	HEXANE	P4016922.D	11 Oct 2008 1:08	LH	Ok
33	I.BLK	P4016923.D	11 Oct 2008 1:27	LH	Ok
34	STD 100	P4016924.D	11 Oct 2008 1:46	LH	Ok,M
35	Z4880-01MS 10X	P4016925.D	11 Oct 2008 2:05	LH	Ok,M
36	Z4880-01MSD 10X	P4016926.D	11 Oct 2008 2:24	LH	Ok,M
37	HEXANE	P4016927.D	11 Oct 2008 2:43	LH	Ok
38	HEXANE	P4016928.D	11 Oct 2008 3:01	LH	Ok
39	I.BLK	P4016929.D	11 Oct 2008 3:20	LH	Ok
40	STD 100	P4016930.D	11 Oct 2008 3:39	LH	Ok,M
41	HEXANE	P4016931.D	11 Oct 2008 3:58	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	HEXANE	P4016932.D	11 Oct 2008 4:17	LH	Ok
43	HEXANE	P4016933.D	11 Oct 2008 4:36	LH	Ok
44	HEXANE	P4016934.D	11 Oct 2008 4:55	LH	Ok
45	HEXANE	P4016935.D	11 Oct 2008 5:14	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	I.BLK	P4016891.D		Ok
2	PEM	P4016892.D		Ok,M
3	STD 100	P4016893.D	Injection error.	Not Ok
4	STD 100	P4016894.D		Ok,M
5	Z4811-02	P4016895.D		Ok
6	Z4844-04	P4016896.D		Ok
7	HEXANE	P4016897.D		Ok,M
8	HEXANE	P4016898.D		Ok
9	I.BLK	P4016899.D		Ok,M
10	STD 100	P4016900.D		Ok,M
11	Z4848-06	P4016901.D		Ok
12	Z4848-07	P4016902.D		Ok,M
13	PB37105BL	P4016903.D		Ok,M
14	PB37105BS	P4016904.D	All Compounds are Failling.	Not Ok
15	Z4880-01 10X	P4016905.D		Ok,M
16	Z4880-02 10X	P4016906.D		Ok,M
17	Z4880-03 10X	P4016907.D		Ok,M
18	Z4880-04 10X	P4016908.D		Ok,M
19	HEXANE	P4016909.D		Ok
20	I.BLK	P4016910.D		Ok
21	PEM	P4016911.D		Ok,M

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	STD 100	P4016912.D		Ok,M
23	Z4880-05 10X	P4016913.D		Ok,M
24	Z4880-06 10X	P4016914.D		Ok,M
25	Z4880-07 10X	P4016915.D		Ok,M
26	Z4880-08 10X	P4016916.D		Ok,M
27	Z4880-09 10X	P4016917.D		Ok,M
28	Z4880-10 10X	P4016918.D	Need another dilu 100X for Chlordane.	Ok,M
29	Z4880-11 10X	P4016919.D	DCB Fail in Second Column.Need another dilu 20X for Chlordane.	Ok,M
30	Z4880-12 10X	P4016920.D	Need another dilu 40X for chlordane.	Ok,M
31	HEXANE	P4016921.D		Ok
32	HEXANE	P4016922.D		Ok
33	I.BLK	P4016923.D		Ok
34	STD 100	P4016924.D		Ok,M
35	Z4880-01MS 10X	P4016925.D	Comp.#17,20 high;Comp.#2,3,6to9,14,15,16,18,19,21 low;DCB fail in 2nd Column.	Ok,M
36	Z4880-01MSD 10X	P4016926.D	Comp.#2,3,6 to 10,14,15,18,19,21 low; DCB Fail in 2nd Column.	Ok,M
37	HEXANE	P4016927.D		Ok
38	HEXANE	P4016928.D		Ok
39	I.BLK	P4016929.D		Ok
40	STD 100	P4016930.D		Ok,M
41	HEXANE	P4016931.D		Ok

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Daily Analysis Runlog For Instrument ID # ECD4

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	mohammad	Review On	10/14/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P4101008
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	8081TEST.M
ICV/I.BLK	GCP7735	HP Processing Method	P4100808A

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	HEXANE	P4016932.D		Ok
43	HEXANE	P4016933.D		Ok
44	HEXANE	P4016934.D		Ok
45	HEXANE	P4016935.D		Ok

PESTICIDE/PCB MISCELLANEOUS DATA

CHEMTECH

Lab Chronicle

Order ID:	Z4920	Order Date:	10/9/2008
Client:	Dewberry	Project:	Connecticut Superfund Site
Contact:	Corey Nachshen	Location	I51

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4920-01	**RB-1**	**WATER**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/22/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/29/08	
Z4920-03	**AOC2-1**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/20/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-04	**AOC2-2**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/20/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-04DL	**AOC2-2DL**	**SOIL**			**10/07/08**			**10/09/08**
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-04DL2	**AOC2-2DL2**	**SOIL**			**10/07/08**			**10/09/08**
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-05	**AOC2-3**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/20/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-06	**AOC5-1**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/20/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-07	**AOC5-2**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/21/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-08	**AOC5-3**	**SOIL**			**10/07/08**			**10/09/08**

			PCB Group1	SOM01.2		10/13/08	10/21/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-08DL	**AOC5-3DL**	**SOIL**			**10/07/08**			**10/09/08**
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-11	**DUP**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/21/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-12	**AOC3-1A**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/21/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	
Z4920-13	**AOC3-1B**	**SOIL**			**10/07/08**			**10/09/08**
			PCB Group1	SOM01.2		10/13/08	10/21/08	
			PESTICIDE Group1	SOM01.2		10/13/08	10/28/08	

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Z4920 MATRIX: Water/SOIL

METHOD: SOM01.2

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds except for Endrin , 4,4-DDT. The MSD recoveries met the acceptable requirements except for 4,4-DDT. .		✓	
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

ADDITIONAL COMMENTS: The Calibration File ID INDBCS3BP70016 met the requirements except for Delta-BHC showed 20.8 %D . Samples AOC2-2, AOC2-2DL and AOC5- 3were diluted due to high concentrations.

QA REV

Kalpana Raythattha
I have reviewed this document
2008.10.31 12:32:13 -04'00'

CHEMTECH EXTRACTION LOGPAGE

SOP#: M 5OM01.2

Matrix : water

Clean Up Method: Florosil.

Review By:

Batch# PB37176

Extraction Date : 10/13/2008 12:00:00 AM

Extracted By : MBS/JR

Method of Extraction

- [ ] Seperatory Funnel
- [x] Continious Liquid/Liquid
- [ ] Sonication
- [ ] Waste Dilution
- [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	500/1000ppb	GCP6705
Matrix Spike	1.0 ML	500/1000 ppb	GCP7034
Surrogate	3.0 ML	200/400 ppb	GCP 7790

Chemical Used	Lot Number
Methylene Chloride	ER1533
Sodium Sulfate	ER1498

Extraction Conformance/Non-Conformance Comments:

10/16/08

KD Bath Temperature: 54 c

Received Date: 10/20/08

Delivered Date: 10/20/08

Envap Temperature: 40 C

Received By:

Delivered By:

Analysis Group: HM, HP, QM

Extraction Group: BE, BP, DM, DP, DR, DS, IG, JM, JR, MA, MGS, MS, RP, SA

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EXTRACTION LOGPAGE

PrepBatch ID PB37176

Method: 5ompi·2 Supervisor Review: [illegible]

Date: 10 / 17 / 08

Initials: MBS

Concentration Date: 10 / 16 / 08

Extraction Date: 10/13/2008 12:00:00 AM

Initials: JR

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37176BL	PB37176BL	PESTICIDE Group1	1000	5	DR /MBS	10	
PB37176BS	PB37176BS	PESTICIDE Group1	1000	5			
Z4920-01	RB-1	PESTICIDE Group1	960	5			
Z4923-17	FB	PESTICIDE Group1	980	5			
Z4923-18	FB	PESTICIDE Group1	910	5			
Z4923-19	RB	PESTICIDE Group1	900	5			
Z4932-02	FIELDBLANK	PESTICIDE Group1	970	5			
Z4932-03	RINSATEBLANK	PESTICIDE Group1	910	5		10	

10/20/08 BM

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE

PrepBatch ID PB37176

Method:_____ Supervisor Review:_____ Date:_____/_____/_____

Initials:_____ Concentration Date:_____/_____/_____

Extraction Date:_ 10/13/2008 12:00:00 AM Initials:_____

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37176BL	PB37176BL	PESTICIDE Group1	1000	5	Momhad	10	
PB37176BS	PB37176BS	PESTICIDE Group1	1000	5	Momhad	10	
Z4920-01	RB-1	PESTICIDE Group1	960	5	Momhad	10	
Z4923-17	FB	PESTICIDE Group1	980	5	Momhad	10	
Z4923-18	FB	PESTICIDE Group1	910	5	Momhad	10	
Z4923-19	RB	PESTICIDE Group1	900	5	Momhad	10	
Z4932-02	FIELDBLANK	PESTICIDE Group1	970	5	Momhad	10	
Z4932-03	RINSATEBLANK	PESTICIDE Group1	910	5	Momhad	10	

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE

SOP#: M 3540 SOM01-2

Matrix : Solid

Clean Up Method: GPC Cleanup,Florosil,

Review By:

Batch# PB37180

Extraction Date : 10/13/2008 12:00:00 AM

Extracted By : JR

Method of Extraction

- [ ] Seperatory Funnel
- [ ] Continious Liquid/Liquid
- [ ] Sonication
- [ ] Waste Dilution
- [x] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	500/1000 PPb	GCP6705
Matrix Spike	1.0ML	500/1000 PPb	GCP7034
Surrogate	3.0ML	200/400 PPb	GCP7790

Chemical Used	Lot Number
Methylene Chloride	ER1539
Acetone	ER1537
Sodium Sulfate	ER1498
Hexane	ER1525

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 58 C

Received Date: 10/23/08

Delivered Date: 10/23/08

Envap Temperature: 40 C

Received By: BP

Delivered By: BP

Analysis Group: HM, HP, QM

Extraction Group: BE, BP, DM, DP, DR, DS, IG, JM, JR, MA, MGS, MS, RP, SA

CHEMTECH

Solid

—Pest—

EXTRACTION LOGPAGE

Method: SOM01.2 Supervisor Review: Date: 10/24/08

Extraction Date: 10/13/2008 Initials: Concentration Date: 10/21/08 PREP Batch #: pb37180 Initials: JR

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	Weight/ Volume mL	PH	Ver. Sur./Spike	Final Vol. (mL)	COMMENTS
pb37180BL		PESTICIDE Group1	30.01	NA	MS	5	
pb37180BS		PESTICIDE Group1	30.03	NA			
Z4920-03	AOC2-1	PESTICIDE Group1	30.05	6.97			
Z4920-04	AOC2-2	PESTICIDE Group1	30.08	6.89			
Z4920-05	AOC2-3	PESTICIDE Group1	30.11	7.23			
Z4920-06	AOC5-1	PESTICIDE Group1	30.07	7.57			
Z4920-07	AOC5-2	PESTICIDE Group1	30.05	7.11			
Z4920-08	AOC5-3	PESTICIDE Group1	30.03	7.17			
Z4920-09	Z4920-08MS	PESTICIDE Group1	30.02	7.16			
Z4920-10	Z4920-08MSD	PESTICIDE Group1	30.08	7.17			
Z4920-11	DUP	PESTICIDE Group1	30.10	7.36			
Z4920-12	AOC3-1A	PESTICIDE Group1	30.06	7.30			
Z4920-13	AOC3-1B	PESTICIDE Group1	30.03	6.98		5	

10/23/08 BR

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE

PrepBatch ID PB37180

Method:_____ ~~Supervisor Review:_____~~ ~~Date:_____/_____/_____~~

Initials:_____ Concentration Date:_____/_____

Extraction Date:_ 10/13/2008 12:00:00 AM Initials:_____ ML 10/24/08

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37180BL	PB37180BL	PESTICIDE Group1	30.01	N/A	DeepakPatel	5	
PB37180BS	PB37180BS	PESTICIDE Group1	30.03	N/A	DeepakPatel	5	
Z4920-03	AOC2-1	PESTICIDE Group1	30.05	6.97	DeepakPatel	5	
Z4920-04	AOC2-2	PESTICIDE Group1	30.08	6.89	DeepakPatel	5	
Z4920-05	AOC2-3	PESTICIDE Group1	30.11	7.23	DeepakPatel	5	
Z4920-06	AOC5-1	PESTICIDE Group1	30.07	7.51	DeepakPatel	5	
Z4920-07	AOC5-2	PESTICIDE Group1	30.05	7.11	DeepakPatel	5	
Z4920-08	AOC5-3	PESTICIDE Group1	30.03	7.17	DeepakPatel	5	
Z4920-09	Z4920-08MS	PESTICIDE Group1	30.02	7.16	DeepakPatel	5	
Z4920-10	Z4920-08MSD	PESTICIDE Group1	30.08	7.17	DeepakPatel	5	
Z4920-11	DUP	PESTICIDE Group1	30.10	7.36	DeepakPatel	5	
Z4920-12	AOC3-1A	PESTICIDE Group1	30.06	7.30	DeepakPatel	5	
Z4920-13	AOC3-1B	PESTICIDE Group1	30.03	6.98	DeepakPatel	5	

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	PIBLKP70007	P7028731.D	PIBLK07	Ok
2	PEMP70005	P7028732.D	PEM05	Ok
3	PB37176BL	P7028733.D		Ok
4	PB37176BS	P7028734.D		Ok
5	Z4920-01	P7028735.D		Ok
6	Z4923-17	P7028736.D		Ok
7	Z4923-18	P7028737.D		Ok
8	Z4923-19	P7028738.D		Ok
9	Z4932-02	P7028739.D		Ok
10	Z4932-03	P7028740.D		Ok
11	Z4923-02 10X	P7028741.D	needs 20x	Not Ok
12	Z4923-03 20X	P7028742.D	needs 200x	Not Ok
13	PIBLKP70008	P7028743.D	PIBLK08	Ok
14	INDACS3AP70018	P7028744.D	INDA305	Ok
15	INDBCS3BP70019	P7028745.D	INDB305	Ok
16	Z4923-02 20X	P7028746.D		Ok,M
17	Z4923-03 200X	P7028747.D		Ok
18	PIBLKP70009	P7028748.D	PIBLK09	Ok
19	PEMP70006	P7028749.D	PEM06	Ok
20	SPIKE TEST	P7028750.D		Not Ok
21	HEXANE	P7028751.D		Ok

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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	I.BLK	P7028752.D		Ok
23	PEM	P7028753.D		Ok,M
24	RESCHK	P7028754.D		Ok
25	100PPB PEST	P7028755.D		Ok
26	75PPB PEST	P7028756.D		Ok,M
27	50PPB PEST	P7028757.D		Ok
28	25PPB PEST	P7028758.D		Ok
29	5PPB PEST	P7028759.D		Ok,M
30	10PPB PEST	P7028760.D	Not required	Not Ok
31	TOX 500	P7028761.D		Ok
32	CHLOR 500	P7028762.D		Ok
33	STD 50 ICV	P7028763.D		Ok
34	TOX 500 ICV	P7028764.D		Ok
35	CHLOR 500 ICV	P7028765.D		Ok
36	HEXANE	P7028766.D		Ok
37	HEXANE	P7028767.D		Ok
38	I.BLK	P7028768.D		Ok
39	PEM	P7028769.D		Ok,M
40	STD 50	P7028770.D		Ok
41	PB37406BL	P7028771.D		Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	PB37406BS	P7028772.D		Ok
43	PB37406TB	P7028773.D		Ok
44	PB37387BL	P7028774.D		Ok
45	PB37387BS	P7028775.D		Ok
46	Z5122-07	P7028776.D		Not Ok
47	Z5122-06	P7028777.D		Ok
48	Z5122-07	P7028778.D		Ok
49	Z5034-08 2X	P7028779.D		Ok,NR
50	Z5047-01	P7028780.D		Ok,NR
51	I.BLK	P7028781.D		Ok
52	STD 50	P7028782.D		Ok
53	Z5047-02 10X	P7028783.D		Ok,NR
54	Z5047-03	P7028784.D		Ok,NR
55	Z5063-01	P7028785.D	DCB high and TCMX failing.	Confirms
56	Z5063-02	P7028786.D	DCB high.	Confirms
57	Z5063-03	P7028787.D	DCB high.	Confirms
58	Z5063-04	P7028788.D	DCB high.	Confirms
59	Z4951-06RE	P7028789.D	DCB low.	Confirms
60	Z4951-08RE	P7028790.D	DCB low.	Confirms
61	Z4951-12RE	P7028791.D	DCB low.	Confirms

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
62	HEXANE	P7028792.D		Ok
63	I.BLK	P7028793.D		Ok
64	PEM	P7028794.D		Ok,NR
65	STD 50	P7028795.D		Ok
66	Z5062-01 10X	P7028796.D	2nd col was used for DCB.	Ok,NR
67	Z5062-02 10X	P7028797.D	2nd col was used for DCB.	Ok,NR
68	Z5062-03 10X	P7028798.D	2nd col was used for DCB.	Ok,NR
69	Z5062-04 10X	P7028799.D	2nd col was used for DCB.	Ok,NR
70	Z5062-05 10X	P7028800.D	2nd col was used for DCB.	Ok,NR
71	Z5062-06 10X	P7028801.D	2nd col was used for DCB.	Ok,NR
72	Z5062-07 10X	P7028802.D	2nd col was used for TCMX & DCB	Ok,NR
73	Z5062-08 10X	P7028803.D	2nd col was used for DCB.	Ok,NR
74	HEXANE	P7028804.D		Ok
75	HEXANE	P7028805.D		Ok
76	I.BLK	P7028806.D		Ok
77	STD 50	P7028807.D		Ok,NR
78	Z5062-09 10X	P7028808.D	2nd col was used for DCB.	Ok,NR
79	Z5062-10 10X	P7028809.D	2nd col was used for DCB.	Ok,NR
80	Z5062-11 10X	P7028810.D	2nd col was used for DCB.	Ok
81	Z5034-01 10X	P7028811.D	2nd col was used for DCB.	Ok,NR

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
82	Z5034-02 10X	P7028812.D	2nd col was used for DCB.	Ok,NR
83	Z5034-03 10X	P7028813.D	2nd col was used for DCB.	Ok,NR
84	Z5034-04 10X	P7028814.D	2nd col was used for DCB.	Ok,NR
85	Z5034-05 10X	P7028815.D	2nd col was used for DCB.	Ok,NR
86	HEXANE	P7028816.D		Ok
87	I.BLK	P7028818.D		Ok
88	STD 50	P7028819.D		Ok
89	Z5034-06 10X	P7028820.D	2nd col was used for DCB.	Ok,NR
90	Z5034-07 10X	P7028821.D	2nd col was used for DCB.	Ok,NR
91	Z5034-09	P7028822.D	10X,100X. Saturated peaks.	Not Ok
92	Z5034-10	P7028823.D	2nd col was used for DCB.	Ok,NR
93	Z5034-11 10X	P7028824.D	2nd col was used for DCB.	Ok,NR
94	Z5034-01MS 10X	P7028825.D	Some compounds are failing low/high.	Ok,NR
95	Z5034-01MSD 10X	P7028826.D	Some compounds are failing low/high.	Ok,NR
96	Z5047-01MS	P7028827.D	Some compounds are undetected.	Ok,NR
97	Z5047-01MSD	P7028828.D	Some compounds are undetected.	Ok,NR
98	HEXANE	P7028829.D		Ok
99	I.BLK	P7028830.D		Ok
100	STD 50	P7028831.D		Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	PIBLKP70007	P7028731.D	29 Oct 2008 11:33	LH	Ok
2	PEMP70005	P7028732.D	29 Oct 2008 11:47	LH	Ok
3	PB37176BL	P7028733.D	29 Oct 2008 12:17	LH	Ok
4	PB37176BS	P7028734.D	29 Oct 2008 12:31	LH	Ok
5	Z4920-01	P7028735.D	29 Oct 2008 12:46	LH	Ok
6	Z4923-17	P7028736.D	29 Oct 2008 13:00	LH	Ok
7	Z4923-18	P7028737.D	29 Oct 2008 13:14	LH	Ok
8	Z4923-19	P7028738.D	29 Oct 2008 13:29	LH	Ok
9	Z4932-02	P7028739.D	29 Oct 2008 13:44	LH	Ok
10	Z4932-03	P7028740.D	29 Oct 2008 13:58	LH	Ok
11	Z4923-02 10X	P7028741.D	29 Oct 2008 14:13	LH	Not Ok
12	Z4923-03 20X	P7028742.D	29 Oct 2008 14:27	LH	Not Ok
13	PIBLKP70008	P7028743.D	29 Oct 2008 14:42	LH	Ok
14	INDACS3AP70018	P7028744.D	29 Oct 2008 14:56	LH	Ok
15	INDBCS3BP70019	P7028745.D	29 Oct 2008 15:10	LH	Ok
16	Z4923-02 20X	P7028746.D	29 Oct 2008 15:50	LH	Ok,M
17	Z4923-03 200X	P7028747.D	29 Oct 2008 16:05	LH	Ok
18	PIBLKP70009	P7028748.D	29 Oct 2008 16:19	LH	Ok
19	PEMP70006	P7028749.D	29 Oct 2008 16:33	LH	Ok
20	SPIKE TEST	P7028750.D	29 Oct 2008 17:32	LH	Not Ok
21	HEXANE	P7028751.D	29 Oct 2008 19:15	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	I.BLK	P7028752.D	29 Oct 2008 19:43	LH	Ok
23	PEM	P7028753.D	29 Oct 2008 19:57	LH	Ok,M
24	RESCHK	P7028754.D	29 Oct 2008 20:12	LH	Ok
25	100PPB PEST	P7028755.D	29 Oct 2008 21:02	LH	Ok
26	75PPB PEST	P7028756.D	29 Oct 2008 21:17	LH	Ok,M
27	50PPB PEST	P7028757.D	29 Oct 2008 21:31	LH	Ok
28	25PPB PEST	P7028758.D	29 Oct 2008 21:46	LH	Ok
29	5PPB PEST	P7028759.D	29 Oct 2008 22:01	LH	Ok,M
30	10PPB PEST	P7028760.D	29 Oct 2008 22:16	LH	Not Ok
31	TOX 500	P7028761.D	29 Oct 2008 22:45	LH	Ok
32	CHLOR 500	P7028762.D	29 Oct 2008 23:00	LH	Ok
33	STD 50 ICV	P7028763.D	29 Oct 2008 23:14	LH	Ok
34	TOX 500 ICV	P7028764.D	29 Oct 2008 23:29	LH	Ok
35	CHLOR 500 ICV	P7028765.D	29 Oct 2008 23:44	LH	Ok
36	HEXANE	P7028766.D	29 Oct 2008 23:58	LH	Ok
37	HEXANE	P7028767.D	30 Oct 2008 00:13	LH	Ok
38	I.BLK	P7028768.D	30 Oct 2008 00:27	LH	Ok
39	PEM	P7028769.D	30 Oct 2008 00:42	LH	Ok,M
40	STD 50	P7028770.D	30 Oct 2008 00:57	LH	Ok
41	PB37406BL	P7028771.D	30 Oct 2008 1:11	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	PB37406BS	P7028772.D	30 Oct 2008 1:26	LH	Ok
43	PB37406TB	P7028773.D	30 Oct 2008 1:40	LH	Ok
44	PB37387BL	P7028774.D	30 Oct 2008 1:55	LH	Ok
45	PB37387BS	P7028775.D	30 Oct 2008 2:10	LH	Ok
46	Z5122-07	P7028776.D	30 Oct 2008 2:24	LH	Not Ok
47	Z5122-06	P7028777.D	30 Oct 2008 2:39	LH	Ok
48	Z5122-07	P7028778.D	30 Oct 2008 2:54	LH	Ok
49	Z5034-08 2X	P7028779.D	30 Oct 2008 3:08	LH	Ok,NR
50	Z5047-01	P7028780.D	30 Oct 2008 3:23	LH	Ok,NR
51	I.BLK	P7028781.D	30 Oct 2008 3:37	LH	Ok
52	STD 50	P7028782.D	30 Oct 2008 3:52	LH	Ok
53	Z5047-02 10X	P7028783.D	30 Oct 2008 4:07	LH	Ok,NR
54	Z5047-03	P7028784.D	30 Oct 2008 4:21	LH	Ok,NR
55	Z5063-01	P7028785.D	30 Oct 2008 4:36	LH	Confirms
56	Z5063-02	P7028786.D	30 Oct 2008 4:51	LH	Confirms
57	Z5063-03	P7028787.D	30 Oct 2008 5:05	LH	Confirms
58	Z5063-04	P7028788.D	30 Oct 2008 5:20	LH	Confirms
59	Z4951-06RE	P7028789.D	30 Oct 2008 5:34	LH	Confirms
60	Z4951-08RE	P7028790.D	30 Oct 2008 5:49	LH	Confirms
61	Z4951-12RE	P7028791.D	30 Oct 2008 6:04	LH	Confirms

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
62	HEXANE	P7028792.D	30 Oct 2008 6:18	LH	Ok
63	I.BLK	P7028793.D	30 Oct 2008 6:33	LH	Ok
64	PEM	P7028794.D	30 Oct 2008 6:47	LH	Ok,NR
65	STD 50	P7028795.D	30 Oct 2008 7:02	LH	Ok
66	Z5062-01 10X	P7028796.D	30 Oct 2008 7:17	LH	Ok,NR
67	Z5062-02 10X	P7028797.D	30 Oct 2008 7:31	LH	Ok,NR
68	Z5062-03 10X	P7028798.D	30 Oct 2008 7:46	LH	Ok,NR
69	Z5062-04 10X	P7028799.D	30 Oct 2008 8:00	LH	Ok,NR
70	Z5062-05 10X	P7028800.D	30 Oct 2008 8:15	LH	Ok,NR
71	Z5062-06 10X	P7028801.D	30 Oct 2008 8:30	LH	Ok,NR
72	Z5062-07 10X	P7028802.D	30 Oct 2008 8:44	LH	Ok,NR
73	Z5062-08 10X	P7028803.D	30 Oct 2008 8:59	LH	Ok,NR
74	HEXANE	P7028804.D	30 Oct 2008 9:14	LH	Ok
75	HEXANE	P7028805.D	30 Oct 2008 9:28	LH	Ok
76	I.BLK	P7028806.D	30 Oct 2008 9:43	LH	Ok
77	STD 50	P7028807.D	30 Oct 2008 9:57	LH	Ok,NR
78	Z5062-09 10X	P7028808.D	30 Oct 2008 10:12	LH	Ok,NR
79	Z5062-10 10X	P7028809.D	30 Oct 2008 10:27	LH	Ok,NR
80	Z5062-11 10X	P7028810.D	30 Oct 2008 10:41	LH	Ok
81	Z5034-01 10X	P7028811.D	30 Oct 2008 10:56	LH	Ok,NR

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
82	Z5034-02 10X	P7028812.D	30 Oct 2008 11:11	LH	Ok,NR
83	Z5034-03 10X	P7028813.D	30 Oct 2008 11:26	LH	Ok,NR
84	Z5034-04 10X	P7028814.D	30 Oct 2008 11:40	LH	Ok,NR
85	Z5034-05 10X	P7028815.D	30 Oct 2008 11:55	LH	Ok,NR
86	HEXANE	P7028816.D	30 Oct 2008 12:10	LH	Ok
87	I.BLK	P7028818.D	30 Oct 2008 12:39	LH	Ok
88	STD 50	P7028819.D	30 Oct 2008 12:54	LH	Ok
89	Z5034-06 10X	P7028820.D	30 Oct 2008 13:11	LH	Ok,NR
90	Z5034-07 10X	P7028821.D	30 Oct 2008 13:26	LH	Ok,NR
91	Z5034-09	P7028822.D	30 Oct 2008 13:40	LH	Not Ok
92	Z5034-10	P7028823.D	30 Oct 2008 13:55	LH	Ok,NR
93	Z5034-11 10X	P7028824.D	30 Oct 2008 14:10	LH	Ok,NR
94	Z5034-01MS 10X	P7028825.D	30 Oct 2008 14:24	LH	Ok,NR
95	Z5034-01MSD 10X	P7028826.D	30 Oct 2008 14:39	LH	Ok,NR
96	Z5047-01MS	P7028827.D	30 Oct 2008 14:54	LH	Ok,NR
97	Z5047-01MSD	P7028828.D	30 Oct 2008 15:08	LH	Ok,NR
98	HEXANE	P7028829.D	30 Oct 2008 15:23	LH	Ok
99	I.BLK	P7028830.D	30 Oct 2008 15:37	LH	Ok
100	STD 50	P7028831.D	30 Oct 2008 15:51	LH	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102908
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102808
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	PB37316BL	P7028661.D		Ok,M
2	PB37316BS	P7028662.D		Ok
3	Z4983-01	P7028663.D		Ok
4	Z4983-02	P7028664.D		Ok
5	Z4983-03	P7028665.D		Ok
6	Z4983-04	P7028666.D		Ok
7	Z4983-05	P7028667.D		Ok
8	Z4983-06	P7028668.D		Ok
9	Z4983-07MS	P7028669.D		Ok,M
10	Z4983-08MSD	P7028670.D		Ok
11	Z4920-04 20X	P7028671.D		Ok,M
12	Z4920-08 10X	P7028672.D		Ok,M
13	Z4983-09	P7028673.D		Ok
14	PIBLK970006	P7028674.D	PIBLK06	Ok
15	INDACS3AP70015	P7028675.D	prep mistake	Not Ok
16	INDBCS3BP70016	P7028676.D	INDB304	Ok
17	INDACS3AP70017	P7028677.D	INDA304	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7887,91	SubDirectory	P7102808
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	PB37316BL	P7028661.D	28 Oct 2008 12:27	JJ	Ok,M
2	PB37316BS	P7028662.D	28 Oct 2008 12:41	JJ	Ok
3	Z4983-01	P7028663.D	28 Oct 2008 12:55	JJ	Ok
4	Z4983-02	P7028664.D	28 Oct 2008 13:10	JJ	Ok
5	Z4983-03	P7028665.D	28 Oct 2008 13:24	JJ	Ok
6	Z4983-04	P7028666.D	28 Oct 2008 13:39	JJ	Ok
7	Z4983-05	P7028667.D	28 Oct 2008 13:53	JJ	Ok
8	Z4983-06	P7028668.D	28 Oct 2008 14:07	JJ	Ok
9	Z4983-07MS	P7028669.D	28 Oct 2008 14:21	JJ	Ok,M
10	Z4983-08MSD	P7028670.D	28 Oct 2008 14:35	JJ	Ok
11	Z4920-04 20X	P7028671.D	28 Oct 2008 14:50	JJ	Ok,M
12	Z4920-08 10X	P7028672.D	28 Oct 2008 15:04	JJ	Ok,M
13	Z4983-09	P7028673.D	28 Oct 2008 15:18	JJ	Ok
14	PIBLK970006	P7028674.D	28 Oct 2008 15:32	JJ	Ok
15	INDACS3AP70015	P7028675.D	28 Oct 2008 15:46	JJ	Not Ok
16	INDBCS3BP70016	P7028676.D	28 Oct 2008 16:01	JJ	Ok
17	INDACS3AP70017	P7028677.D	28 Oct 2008 17:46	JJ	Ok

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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	HEXANE	P7028579.D		Ok
2	HEXANE	P7028580.D		Ok
3	RSCHKP70001	P7028581.D	RESC01	Ok
4	PEMP70001	P7028582.D	PEM01	Ok
5	TOX0500P70001	P7028583.D	TOXAPH101	Ok
6	TOX1000P70002	P7028584.D	TOXAPH201	Ok
7	TOX2000P70003	P7028585.D	TOXAPH301	Ok
8	TOX4000P70004	P7028586.D	TOXAPH401	Ok
9	TOX8000P70005	P7028587.D	TOXAPH501	Ok
10	INDACS1AP70001	P7028588.D	INDA101	Ok
11	INDBCS1BP70002	P7028589.D	INDB101	Ok
12	INDACS2AP70003	P7028590.D	INDA201	Ok
13	INDBCS2BP70004	P7028591.D	INDB201	Ok
14	INDACS3AP70005	P7028592.D	INDA301	Ok
15	INDBCS3BP70006	P7028593.D	INDB301	Ok
16	INDACS4AP70007	P7028594.D	INDA401	Ok
17	INDBCS4BP70008	P7028595.D	INDB401	Ok
18	INDACS5AP70009	P7028596.D	INDA501	Ok
19	INDBCS5BP70010	P7028597.D	INDB501	Ok
20	PIBLKP70001	P7028598.D	PIBLK01	Ok
21	PEMP70002	P7028599.D	PEM02	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	50 PPB 245TP STD	P7028600.D		Ok
23	FLORISIL BLK	P7028601.D	FLO607290-BM	Ok
24	FLORISIL BS	P7028602.D	FLO607290-BM	Ok
25	PB37222BL	P7028603.D		Ok
26	PB37222BS	P7028604.D		Ok
27	Z4932-04	P7028605.D		Ok
28	Z4932-05	P7028606.D		Ok
29	Z4932-06MS	P7028607.D		Ok,M
30	Z4932-07MSD	P7028608.D		Ok,M
31	Z4932-08	P7028609.D		Ok
32	Z4932-09	P7028610.D		Ok
33	Z4932-10	P7028611.D		Ok
34	Z4932-11	P7028612.D		Ok
35	Z4932-12	P7028613.D		Ok
36	Z4932-13	P7028614.D		Ok
37	Z4932-14	P7028615.D		Ok
38	PIBLKP70002	P7028616.D	PIBLK02	Ok
39	INDACS3AP70011	P7028617.D	INDA302	Ok
40	INDBCS3BP70012	P7028618.D	INDB302	Ok
41	PB37180BL	P7028619.D		Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	PB37180BS	P7028620.D		Ok
43	Z4920-03	P7028621.D		Ok
44	Z4920-04	P7028622.D		Dilution
45	Z4920-04 10X	P7028623.D	needs 20x for DDT	Dilution
46	Z4920-05	P7028624.D		Ok
47	Z4920-06	P7028625.D		Ok,M
48	Z4920-07	P7028626.D		Ok
49	Z4920-08	P7028627.D		Ok,M
50	Z4920-08 10X	P7028628.D	prep mistake	Not Ok
51	Z4920-09MS	P7028629.D		Ok,M
52	Z4920-10MSD	P7028630.D		Ok,M
53	Z4920-11	P7028631.D		Ok
54	Z4920-12	P7028632.D		Ok
55	Z4920-13	P7028633.D		Ok
56	PIBLKP70003	P7028634.D	PIBLK03	Ok
57	PEMP70003	P7028635.D	PEM03	Ok
58	PB37181BL	P7028636.D		Ok
59	PB37181BS	P7028637.D		Ok,M
60	Z4923-01	P7028638.D		Ok
61	Z4923-02	P7028639.D	needs 10x	Dilution

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
62	Z4923-03	P7028640.D	needs 20x	Dilution
63	Z4923-04	P7028641.D		Ok
64	Z4923-05	P7028642.D		Ok
65	Z4923-06	P7028643.D		Ok,M
66	Z4923-07	P7028644.D		Ok
67	Z4923-08	P7028645.D		Ok
68	Z4923-09	P7028646.D		Ok
69	Z4923-10	P7028647.D		Ok
70	Z4923-11	P7028648.D		Ok
71	Z4923-12	P7028649.D		Ok
72	Z4923-13	P7028650.D		Ok
73	PIBLKP70004	P7028651.D	PIBLK04	Ok
74	INDACS3AP70013	P7028652.D	INDA303	Ok
75	INDBCS3BP70014	P7028653.D	INDB303	Ok
76	Z4923-14	P7028654.D		Ok
77	Z4923-15	P7028655.D		Ok
78	Z4923-16	P7028656.D		Ok
79	Z4923-02MS	P7028657.D		Ok
80	Z4923-02MSD	P7028658.D		Ok
81	PIBLKP70005	P7028659.D	PIBLK05	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Comment	Status
82	PEMP70004	P7028660.D	PEM04	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	HEXANE	P7028579.D	27 Oct 2008 13:39	JJ	Ok
2	HEXANE	P7028580.D	27 Oct 2008 13:53	JJ	Ok
3	RSCHKP70001	P7028581.D	27 Oct 2008 14:07	JJ	Ok
4	PEMP70001	P7028582.D	27 Oct 2008 14:22	JJ	Ok
5	TOX0500P70001	P7028583.D	27 Oct 2008 14:36	JJ	Ok
6	TOX1000P70002	P7028584.D	27 Oct 2008 14:51	JJ	Ok
7	TOX2000P70003	P7028585.D	27 Oct 2008 15:05	JJ	Ok
8	TOX4000P70004	P7028586.D	27 Oct 2008 15:20	JJ	Ok
9	TOX8000P70005	P7028587.D	27 Oct 2008 15:34	JJ	Ok
10	INDACS1AP70001	P7028588.D	27 Oct 2008 15:48	JJ	Ok
11	INDBCS1BP70002	P7028589.D	27 Oct 2008 16:02	JJ	Ok
12	INDACS2AP70003	P7028590.D	27 Oct 2008 16:16	JJ	Ok
13	INDBCS2BP70004	P7028591.D	27 Oct 2008 16:31	JJ	Ok
14	INDACS3AP70005	P7028592.D	27 Oct 2008 16:46	JJ	Ok
15	INDBCS3BP70006	P7028593.D	27 Oct 2008 17:00	JJ	Ok
16	INDACS4AP70007	P7028594.D	27 Oct 2008 17:14	JJ	Ok
17	INDBCS4BP70008	P7028595.D	27 Oct 2008 17:28	JJ	Ok
18	INDACS5AP70009	P7028596.D	27 Oct 2008 17:43	JJ	Ok
19	INDBCS5BP70010	P7028597.D	27 Oct 2008 17:57	JJ	Ok
20	PIBLKP70001	P7028598.D	27 Oct 2008 18:11	JJ	Ok
21	PEMP70002	P7028599.D	27 Oct 2008 18:26	JJ	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	50 PPB 245TP STD	P7028600.D	27 Oct 2008 19:25	JJ	Ok
23	FLORISIL BLK	P7028601.D	27 Oct 2008 19:40	JJ	Ok
24	FLORISIL BS	P7028602.D	27 Oct 2008 19:54	JJ	Ok
25	PB37222BL	P7028603.D	27 Oct 2008 20:08	JJ	Ok
26	PB37222BS	P7028604.D	27 Oct 2008 20:23	JJ	Ok
27	Z4932-04	P7028605.D	27 Oct 2008 20:37	JJ	Ok
28	Z4932-05	P7028606.D	27 Oct 2008 20:51	JJ	Ok
29	Z4932-06MS	P7028607.D	27 Oct 2008 21:05	JJ	Ok,M
30	Z4932-07MSD	P7028608.D	27 Oct 2008 21:19	JJ	Ok,M
31	Z4932-08	P7028609.D	27 Oct 2008 21:34	JJ	Ok
32	Z4932-09	P7028610.D	27 Oct 2008 21:48	JJ	Ok
33	Z4932-10	P7028611.D	27 Oct 2008 22:02	JJ	Ok
34	Z4932-11	P7028612.D	27 Oct 2008 22:16	JJ	Ok
35	Z4932-12	P7028613.D	27 Oct 2008 22:30	JJ	Ok
36	Z4932-13	P7028614.D	27 Oct 2008 22:45	JJ	Ok
37	Z4932-14	P7028615.D	27 Oct 2008 22:59	JJ	Ok
38	PIBLKP70002	P7028616.D	27 Oct 2008 23:13	JJ	Ok
39	INDACS3AP70011	P7028617.D	27 Oct 2008 23:28	JJ	Ok
40	INDBCS3BP70012	P7028618.D	27 Oct 2008 23:42	JJ	Ok
41	PB37180BL	P7028619.D	27 Oct 2008 23:56	JJ	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	PB37180BS	P7028620.D	28 Oct 2008 00:10	JJ	Ok
43	Z4920-03	P7028621.D	28 Oct 2008 00:25	JJ	Ok
44	Z4920-04	P7028622.D	28 Oct 2008 00:39	JJ	Dilution
45	Z4920-04 10X	P7028623.D	28 Oct 2008 00:53	JJ	Dilution
46	Z4920-05	P7028624.D	28 Oct 2008 1:07	JJ	Ok
47	Z4920-06	P7028625.D	28 Oct 2008 1:21	JJ	Ok,M
48	Z4920-07	P7028626.D	28 Oct 2008 1:35	JJ	Ok
49	Z4920-08	P7028627.D	28 Oct 2008 1:50	JJ	Ok,M
50	Z4920-08 10X	P7028628.D	28 Oct 2008 2:04	JJ	Not Ok
51	Z4920-09MS	P7028629.D	28 Oct 2008 2:18	JJ	Ok,M
52	Z4920-10MSD	P7028630.D	28 Oct 2008 2:32	JJ	Ok,M
53	Z4920-11	P7028631.D	28 Oct 2008 2:46	JJ	Ok
54	Z4920-12	P7028632.D	28 Oct 2008 3:01	JJ	Ok
55	Z4920-13	P7028633.D	28 Oct 2008 3:15	JJ	Ok
56	PIBLKP70003	P7028634.D	28 Oct 2008 3:29	JJ	Ok
57	PEMP70003	P7028635.D	28 Oct 2008 3:43	JJ	Ok
58	PB37181BL	P7028636.D	28 Oct 2008 3:57	JJ	Ok
59	PB37181BS	P7028637.D	28 Oct 2008 4:11	JJ	Ok,M
60	Z4923-01	P7028638.D	28 Oct 2008 4:26	JJ	Ok
61	Z4923-02	P7028639.D	28 Oct 2008 4:41	JJ	Dilution

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
62	Z4923-03	P7028640.D	28 Oct 2008 4:55	JJ	Dilution
63	Z4923-04	P7028641.D	28 Oct 2008 5:09	JJ	Ok
64	Z4923-05	P7028642.D	28 Oct 2008 5:23	JJ	Ok
65	Z4923-06	P7028643.D	28 Oct 2008 5:37	JJ	Ok,M
66	Z4923-07	P7028644.D	28 Oct 2008 5:52	JJ	Ok
67	Z4923-08	P7028645.D	28 Oct 2008 6:06	JJ	Ok
68	Z4923-09	P7028646.D	28 Oct 2008 6:21	JJ	Ok
69	Z4923-10	P7028647.D	28 Oct 2008 6:35	JJ	Ok
70	Z4923-11	P7028648.D	28 Oct 2008 6:50	JJ	Ok
71	Z4923-12	P7028649.D	28 Oct 2008 7:04	JJ	Ok
72	Z4923-13	P7028650.D	28 Oct 2008 7:19	JJ	Ok
73	PIBLKP70004	P7028651.D	28 Oct 2008 7:33	JJ	Ok
74	INDACS3AP70013	P7028652.D	28 Oct 2008 7:47	JJ	Ok
75	INDBCS3BP70014	P7028653.D	28 Oct 2008 8:02	JJ	Ok
76	Z4923-14	P7028654.D	28 Oct 2008 8:16	JJ	Ok
77	Z4923-15	P7028655.D	28 Oct 2008 8:31	JJ	Ok
78	Z4923-16	P7028656.D	28 Oct 2008 8:45	JJ	Ok
79	Z4923-02MS	P7028657.D	28 Oct 2008 8:59	JJ	Ok
80	Z4923-02MSD	P7028658.D	28 Oct 2008 9:13	JJ	Ok
81	PIBLKP70005	P7028659.D	28 Oct 2008 9:28	JJ	Ok

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Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/30/2008 12:00:00 AM
Tune/Reschk	GCP7898	Initial Calibration Stds	GCP7048,49,51,7886-97
CCC	GCP7887,91	SubDirectory	P7102708
Internal Standard/PEM	GCP7860	HP Acquire Method	CLPNEWMOON
ICV/I.BLK	GCP7818	HP Processing Method	P7102708,7TX102708

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
82	PEMP70004	P7028660.D	28 Oct 2008 9:42	JJ	Ok

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QC: LB410833

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/11/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4914-21	C8(0-1.35)	69	1.15	8.72	6.59	71.9
Z4914-22	C8(0-1.35)	70	1.14	8.5	5.19	55.1
Z4914-23	C8(1.35-2.7)	71	1.15	8.84	6.39	68.2
Z4914-24	C8(1.35-2.7)	72	1.12	8.71	5.56	58.5
Z4920-03	AOC2-1	73	1.13	8.9	6.73	72.1
Z4920-04	AOC2-2	74	1.14	8.5	7.36	84.6
Z4920-05	AOC2-3	75	1.11	8.95	7.43	80.7
Z4920-06	AOC5-1	76	1.11	8.76	7.86	88.3
Z4920-07	AOC5-2	77	1.12	8.92	7.33	79.7
Z4920-08	AOC5-3	78	1.11	8.8	7.12	78.2
Z4920-09	Z4920-08MS	79	NR	NR	NR	NR
Z4920-10	Z4920-08MSD	80	NR	NR	NR	NR
Z4920-11	DUP	81	1.13	8.85	7.89	87.6
Z4920-12	AOC3-1A	82	1.14	8.8	6.09	64.7
Z4920-13	AOC3-1B	83	1.13	8.99	7.6	82.4
Z4923-01	AOC4-1A[0.0-0.5]	84	1.13	8.77	8.02	90.2
Z4923-02	AOC4-1B[4.5-5.0]	85	1.13	8.55	6.9	77.8
Z4923-03	AOC4-2A[0.0-0.5]	86	1.14	8.66	7.54	85.2
Z4923-04	AOC4-2B[4.5-5.0]	87	1.12	8.35	7.52	88.6
Z4923-05	AOC4-3A[0.0-0.5]	88	1.13	8.51	7.36	84.5
Z4923-06	AOC4-3B[4.5-5.0]	89	1.15	8.98	7.97	87.2
Z4923-07	AOC3-2A[0.0-0.5]	90	1.14	8.92	7.26	78.7
Z4923-08	AOC3-2B[4.0-4.5]	91	1.14	8.8	7.67	85.3
Z4923-09	AOC3-3A[0.0-0.5]	92	1.15	8.81	7.91	88.3
Z4923-10	AOC3-3B[4.0-4.5]	93	1.14	8.83	7.65	84.7
Z4923-11	BACK1A	94	1.14	8.52	7.19	82.0
Z4923-12	BACK1B	95	1.13	8.68	7.68	86.8
Z4923-13	BACK2A	96	1.13	8.85	7.27	79.6
Z4923-14	BACK2B	97	1.14	8.84	7.75	85.9
Z4923-15	BACK3A	98	1.13	8.99	7.63	82.7
Z4923-16	BACK3B	99	1.12	9.04	7.99	86.8
Z4901-12D	C20Q1S1CD	16D	1.12	8.75	7.91	89.0
Z4910-13D	B11(5.4-6.75)D	35D	1.13	8.73	7.78	87.5
Z4914-10D	C10(0-1.35)D	58D	1.13	8.85	8.45	94.9

OVEN TEMP: 106°C
TIME IN: 10/10/08 6:30PM [illegible]
TIME OUT: 10/11/08 10:00AM [illegible]

CHEMTECH

QC: LB40833

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/11/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4920-08D	AOC5-3D	78D	1.11	8.83	7.22	79.2
Z4923-14D	BACK2BD	97D	1.14	8.87	7.85	86.9
BLANK	DISH	B1	1.13	1.13	1.13	0.0
BLANK	DISH	B2	1.14	1.14	1.14	0.0
BLANK	DISH	B3	1.12	1.12	1.12	0.0
BLANK	DISH	B4	1.13	1.13	1.13	0.0
BLANK	DISH	B5	1.15	1.15	1.15	0.0

OVEN TEMP: 106 C
TIME IN: 10/10/08 6:30PM
TIME OUT: 10/11/08 10:00AM

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

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

z 4920

CHEMTECH PROJECT NO.
QUOTE NO. Q0804002 330
COC Number 075885

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY: DEWBERRY
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION
PROJECT NAME: FCI-DANBURY
PROJECT NO. 50013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT BILLING INFORMATION
BILL TO: DEWBERRY PO# 50013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

DATA TURNAROUND INFORMATION
FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION
☐ RESULTS ONLY ☒ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☒ EDD FORMAT EXCEL

ANALYSIS
1 TCL VOC+10 (SOM01.2)
2 TCL SVOC+20 (SOM01.2)
3 TCL PEST (SOM01.2)
4 PCBs (SOM01.2)
5 TAL METALS (ILM05.4)
6 CYANIDE (ILM05.4)
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 A/E	2 E	3 E	4 E	5 B/E	6 D/E	7	8	9	COMMENTS
1.	RB-1	AQ	–		10-7-08	1100	7	X	X	X	X	X	X				
2.	TB-1	AQ	–		–	–	2	X									
3.	AOC2-1	SL		X	10-7-08	1330	2	X	X	X	X	X	X				
4.	AOC2-2	SL		X	"	1340	2	X	X	X	X	X	X				
5.	AOC2-3	SL		X	"	1345	2	X	X	X	X	X	X				
6.	AOC5-1	SL		X	"	1400	2	X	X	X	X	X	X				
7.	AOC5-2	SL		X	"	1410	2	X	X	X	X	X	X				
8.	AOC5-3	SL		X	"	1420	2	X	X	X	X	X	X				
9.	AOC5-3 MS	SL		X	"	1420	2	X	X	X	X	X	X				
10.	AOC5-3 MSD	SL		X	"	1420	2	X	X	X	X	X	X				

Specify Preservatives: A – HCl, B – HNO_3, C – H_2SO_4, D – NaOH, E – ICE, F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Corey	10/8/08	1.
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3. FED EX	DATE/TIME: 10/9/08 930	RECEIVED FOR LAB BY: 3.

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: yes

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

Revision 8/2007

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CHEMTECH
CHAIN OF CUSTODY RECORD

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(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

24920

CHEMTECH PROJECT NO.
QUOTE NO. 331
COC Number 075882

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: DEWBERRY
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION

PROJECT NAME: FCI-DANBURY
PROJECT NO: 50013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: DEWBERRY PO#: 50013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

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☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT EXCEL

ANALYSIS

1 TCL VOLS (SOMOI.2) 2 TCL SVOLS 720 (SOMOI.2) 3 TCL PEST (SOMOI.2) 4 PCBs (SOMOI.2) 5 TAL METALS (FLMOS.4) 6 CYANIDE (FLMOS.4) 7 8 9

PRESERVATIVES

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								D/E	E	E	E	D/E	D/E				← Specify Preservatives A – HCl B – HNO_3 C – H_2SO_4 D – NaOH E – ICE F – Other
1.	DUP	SL		X	10-7-08		2	X	X	X	X	X	X				
2.	AOC3-1A	SL		X	↓	1450	2	X	X	X	X	X	X				
3.	AOC3-1B	SL		X	↓	1500	2	X	X	X	X	X	X				
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 10/8/08	RECEIVED BY: 1.
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3. FED EX	DATE/TIME: 10/9/08 930	RECEIVED FOR LAB BY: 3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: yes

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

From: Origin ID: CBZA (973) 739-9400
Corey Nachshen
Dewberry
600 Parsippany Road

Parsippany, NJ 07054

JCL5091608/20/23

Ship Date: 08OCT08
ActWgt: 25.0 LB
CAD: 8717900/INET8091
Account#: S *********

Dims: 24 X 12 X 12 IN

Delivery Address Bar Code

Ref # 50013147 E001ODCS
Invoice #
PO #
Dept # 2235 6085

SHIP TO: (908) 789-8900 BILL SENDER

Sample Receiving
CHEMTECH
284 SHEFFIELD ST

MOUNTAINSIDE, NJ 07092

2 of 2

MPS# 0263 7960 9032 9115

Mstr# 7960 9032 9104 0201

THU - 09OCT **A1**

STANDARD OVERNIGHT

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From: Origin ID: CBZA (973) 739-9400
Corey Nachshen
Dewberry
600 Parsippany Road

Parsippany, NJ 07054

FedEx Express

JCLS091608/2023

Ship Date: 08OCT08
ActWgt: 25.0 LB
CAD: 8717900/INET8091
Account#: S *********

Dims: 24 X 12 X 12 IN

Delivery Address Bar Code

Ref # 50013147 E001ODCS
Invoice #
PO #
Dept # 2235 6085

SHIP TO: (908) 789-8900 BILL SENDER

Sample Receiving
CHEMTECH
284 SHEFFIELD ST

MOUNTAINSIDE, NJ 07092

1 of 2

TRK# 0201 7960 9032 9104

MASTER

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STANDARD OVERNIGHT

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NJ-US
EWR

ZC KBCA

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LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

END OF ANALYTICAL RESULTS