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Cover Page

Order ID : P5382

Project ID : Comegys School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
P5382-01	COMP-1
P5382-02	COMP-2
P5382-03	COMP-3
P5382-04	SB-1
P5382-05	SB-2
P5382-06	SB-3
P5382-07	SB-4
P5382-08	SB-5
P5382-09	SB-6
P5382-10	SB-7
P5382-11	SB-8
P5382-12	SB-9
P5382-13	SB-10
P5382-14	SB-11
P5382-15	SB-12

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 : _____

Date: 12/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Kleinfelder
Project Name: Comegys School
Project # N/A
Chemtech Project # P5382
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
15 Solid samples were received on 12/23/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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_____

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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.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 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.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P5382**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **NILESH PRAJAPATI** **Date:** **12/28/2024**

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LAB CHRONICLE

OrderID:	P5382	**OrderDate:**	12/23/2024 11:39:00 AM
Client:	Kleinfelder	**Project:**	Comegys School
Contact:	Mark Warchol	**Location:**	N31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5382-01	**COMP-1**	**SOIL**			**12/20/24**			**12/23/24**
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	
P5382-02	**COMP-2**	**SOIL**			**12/20/24**			**12/23/24**
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	
P5382-03	**COMP-3**	**SOIL**			**12/20/24**			**12/23/24**
			PCB Group1	8082A		12/26/24	12/26/24	
			PESTICIDE Group1	8081B		12/26/24	12/26/24	

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Hit Summary Sheet
SW-846

SDG No.: P5382 **Order ID:** P5382

Client: Kleinfelder **Project ID:** Comegys School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

QC SUMMARY

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Surrogate Summary

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL093481.D	PIBLK-PL093481.D	Decachlorobiphenyl	1	20	22.0	110		43	140
		Tetrachloro-m-xylene	1	20	20.5	102		77	126
		Decachlorobiphenyl	2	20	21.4	107		43	140
		Tetrachloro-m-xylene	2	20	19.9	100		77	126
I.BLK-PL093514.D	PIBLK-PL093514.D	Decachlorobiphenyl	1	20	24.0	120		43	140
		Tetrachloro-m-xylene	1	20	21.5	108		77	126
		Decachlorobiphenyl	2	20	23.8	119		43	140
		Tetrachloro-m-xylene	2	20	19.5	98		77	126
PB165844BL	PB165844BL	Decachlorobiphenyl	1	20	24.1	120		10	148
		Tetrachloro-m-xylene	1	20	19.8	99		10	159
		Decachlorobiphenyl	2	20	23.8	119		10	148
		Tetrachloro-m-xylene	2	20	18.2	91		10	159
PB165844BS	PB165844BS	Decachlorobiphenyl	1	20	23.9	120		10	148
		Tetrachloro-m-xylene	1	20	20.9	105		10	159
		Decachlorobiphenyl	2	20	23.8	119		10	148
		Tetrachloro-m-xylene	2	20	19.1	95		10	159
P5382-01	COMP-1	Decachlorobiphenyl	1	20	15.7	78		10	148
		Tetrachloro-m-xylene	1	20	19.4	97		10	159
		Decachlorobiphenyl	2	20	14.9	75		10	148
		Tetrachloro-m-xylene	2	20	18.2	91		10	159
P5382-02	COMP-2	Decachlorobiphenyl	1	20	21.4	107		10	148
		Tetrachloro-m-xylene	1	20	21.7	109		10	159
		Decachlorobiphenyl	2	20	20.0	100		10	148
		Tetrachloro-m-xylene	2	20	20.7	103		10	159
P5382-03	COMP-3	Decachlorobiphenyl	1	20	22.0	110		10	148
		Tetrachloro-m-xylene	1	20	22.6	113		10	159
		Decachlorobiphenyl	2	20	21.4	107		10	148
		Tetrachloro-m-xylene	2	20	21.7	109		10	159
P5382-03MS	COMP-3MS	Decachlorobiphenyl	1	20	19.8	99		10	148
		Tetrachloro-m-xylene	1	20	18.7	94		10	159
		Decachlorobiphenyl	2	20	19.1	96		10	148
		Tetrachloro-m-xylene	2	20	17.9	90		10	159
P5382-03MSD	COMP-3MSD	Decachlorobiphenyl	1	20	19.4	97		10	148
		Tetrachloro-m-xylene	1	20	18.7	94		10	159
		Decachlorobiphenyl	2	20	18.6	93		10	148
		Tetrachloro-m-xylene	2	20	17.7	89		10	159
I.BLK-PL093525.D	PIBLK-PL093525.D	Decachlorobiphenyl	1	20	24.0	120		43	140
		Tetrachloro-m-xylene	1	20	21.7	108		77	126
		Decachlorobiphenyl	2	20	23.8	119		43	140
		Tetrachloro-m-xylene	2	20	20.1	101		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PL093523.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COMP-3MS**											
P5382-03MS	Aldrin	20.09	0	21.0	ug/kg	105				49	139	
	Dieldrin	20.09	0	22.4	ug/kg	111				47	161	
	4,4'-DDE	20.09	0	22.4	ug/kg	111				55	136	
	4,4'-DDD	20.09	0	22.7	ug/kg	113				37	192	
	4,4'-DDT	20.09	0	24.0	ug/kg	119				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B **DataFile :** PL093524.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**COMP-3MSD**											
P5382-03MSD	Aldrin	20.1	0	20.6	ug/kg	102		3		49	139	20
	Dieldrin	20.1	0	22.0	ug/kg	109		2		47	161	20
	4,4'-DDE	20.1	0	22.0	ug/kg	109		2		55	136	20
	4,4'-DDD	20.1	0	22.4	ug/kg	111		2		37	192	20
	4,4'-DDT	20.1	0	23.4	ug/kg	116		3		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8081B **Datafile :** PL093518.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165844BS	Aldrin	16.65	17.4	ug/kg	105				82	124	
	Dieldrin	16.65	18.7	ug/kg	112				85	121	
	4,4'-DDE	16.65	18.6	ug/kg	112				81	123	
	4,4'-DDD	16.65	19.2	ug/kg	115				80	131	
	4,4'-DDT	16.65	20.1	ug/kg	121				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165844BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

Lab Sample ID: PB165844BL Lab File ID: PL093517.D

Matrix: (soil/water) Solid Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 12/26/2024

Date Analyzed (1): 12/26/2024 Date Analyzed (2): 12/26/2024

Time Analyzed (1): 12:38 Time Analyzed (2): 12:38

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB165844BS	PB165844BS	PL093518.D	12/26/2024	12/26/2024
COMP-1	P5382-01	PL093520.D	12/26/2024	12/26/2024
COMP-2	P5382-02	PL093521.D	12/26/2024	12/26/2024
COMP-3	P5382-03	PL093522.D	12/26/2024	12/26/2024
COMP-3MS	P5382-03MS	PL093523.D	12/26/2024	12/26/2024
COMP-3MSD	P5382-03MSD	PL093524.D	12/26/2024	12/26/2024

COMMENTS:

SAMPLE DATA

Raw Data: **PL093520.D**

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Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093520.D	1	12/26/24 08:30	12/26/24 13:19	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.00	ug/kg
50-29-3	4,4-DDT	0.20	U	0.20	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		10 - 148	78%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		10 - 159	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093520.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:19
Operator : AR\AJ
Sample : P5382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
COMP-1

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 03:58:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.536	2.774	48116340	52901082	19.436m	18.172
28)	SA Decachlor...	9.053	7.911	28978486	44502234	15.672m	14.904
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:19
Operator : AR\AJ
Sample : P5382-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

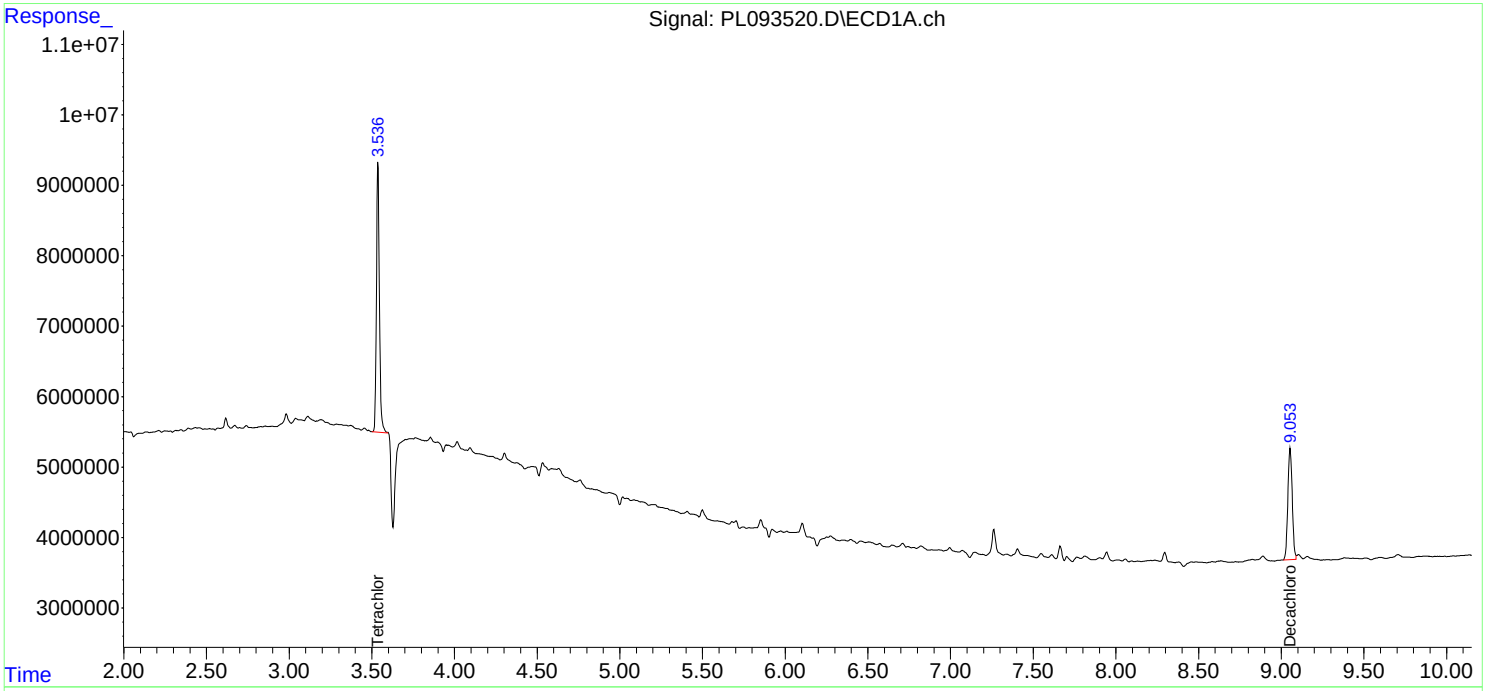
Instrument :
ECD_L
ClientSampleId :
COMP-1

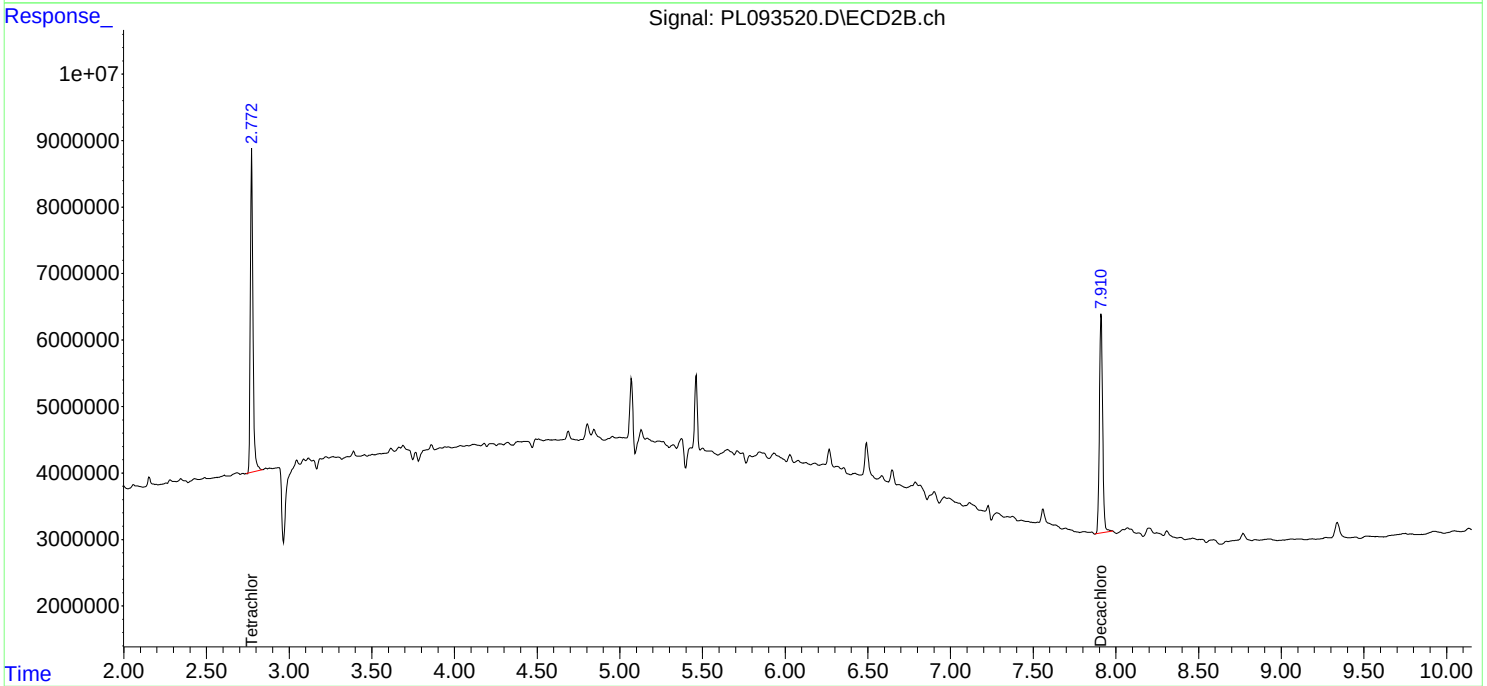
Manual Integrations APPROVED

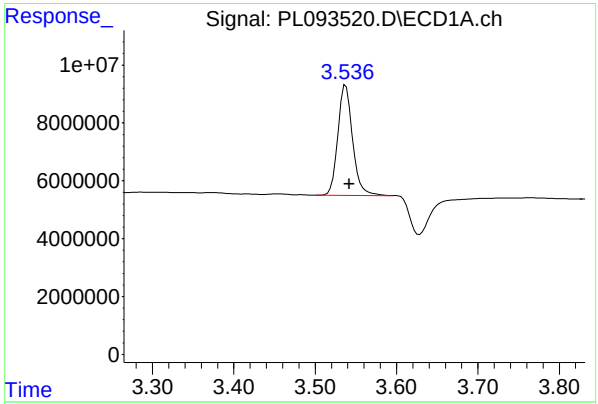
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 03:58:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







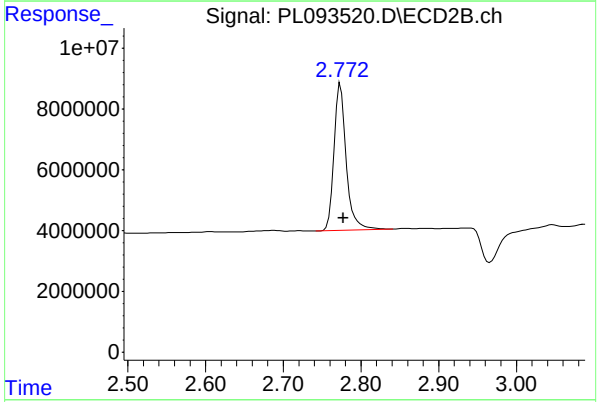
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.006 mi
Response: 48116340
Conc: 19.44 ng/m

Instrument :
ECD_L
ClientSampleId :
COMP-1

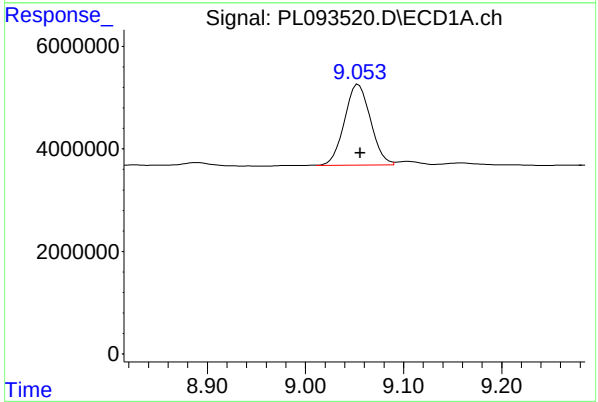
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024



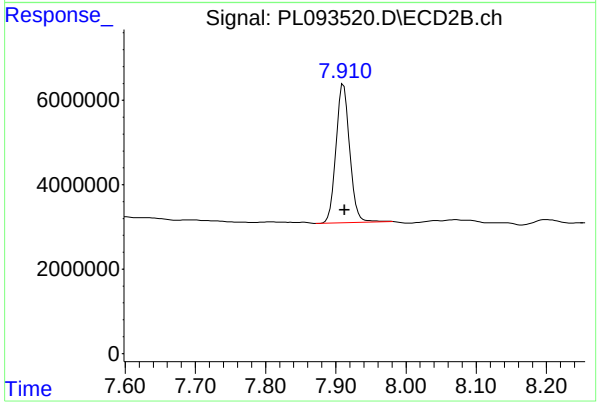
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 52901082
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 28978486
Conc: 15.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 44502234
Conc: 14.90 ng/ml

Raw Data: **PL093521.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093521.D	1	12/26/24 08:30	12/26/24 13:33	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.10	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.10	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.10	ug/kg
50-29-3	4,4-DDT	0.21	U	0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		10 - 148	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		10 - 159	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL093521.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:33
Operator : AR\AJ
Sample : P5382-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
COMP-2

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 03:59:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.536	2.773	53787474	60205803	21.726m	20.681
28)	SA Decachlor...	9.051	7.910	39546131	59608024	21.388m	19.963m
	Target Compounds						

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

Sample Results: **PL093521.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:33
Operator : AR\AJ
Sample : P5382-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

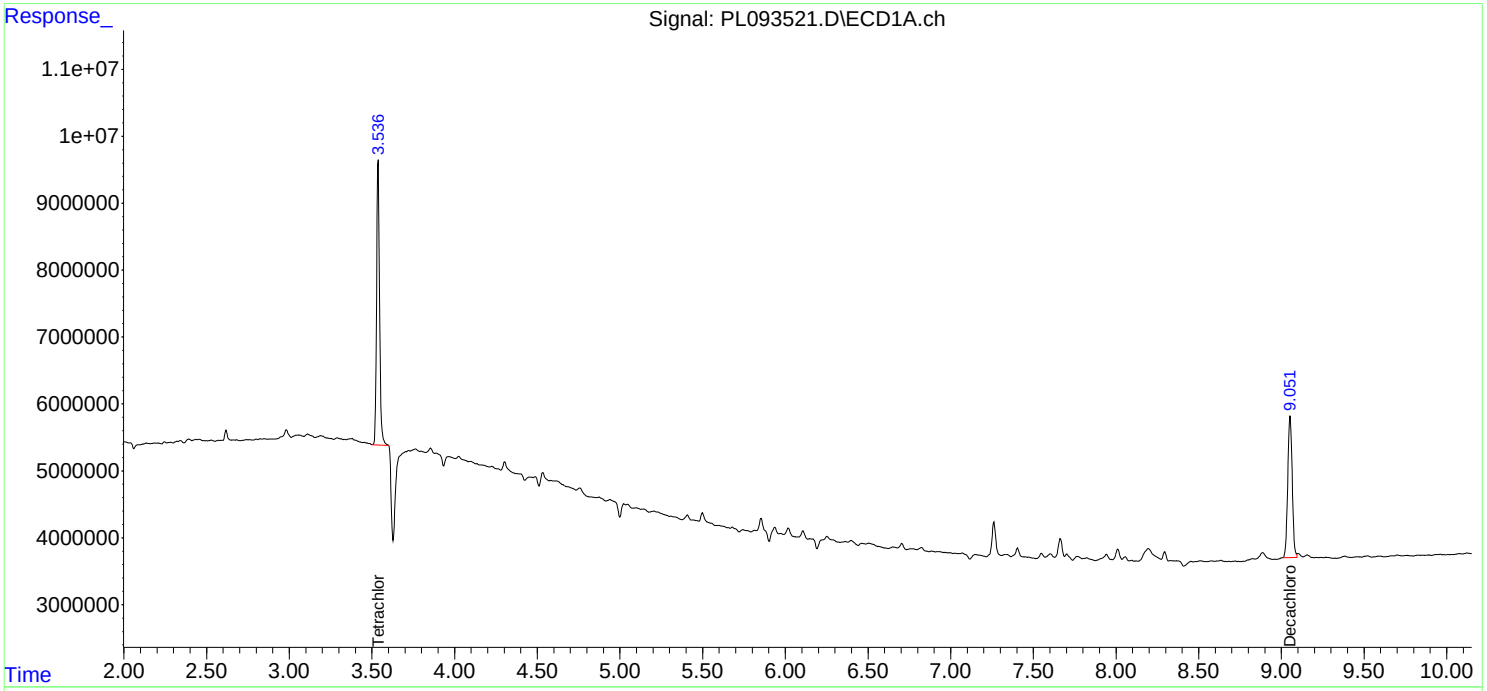
Instrument :
ECD_L
ClientSampleId :
COMP-2

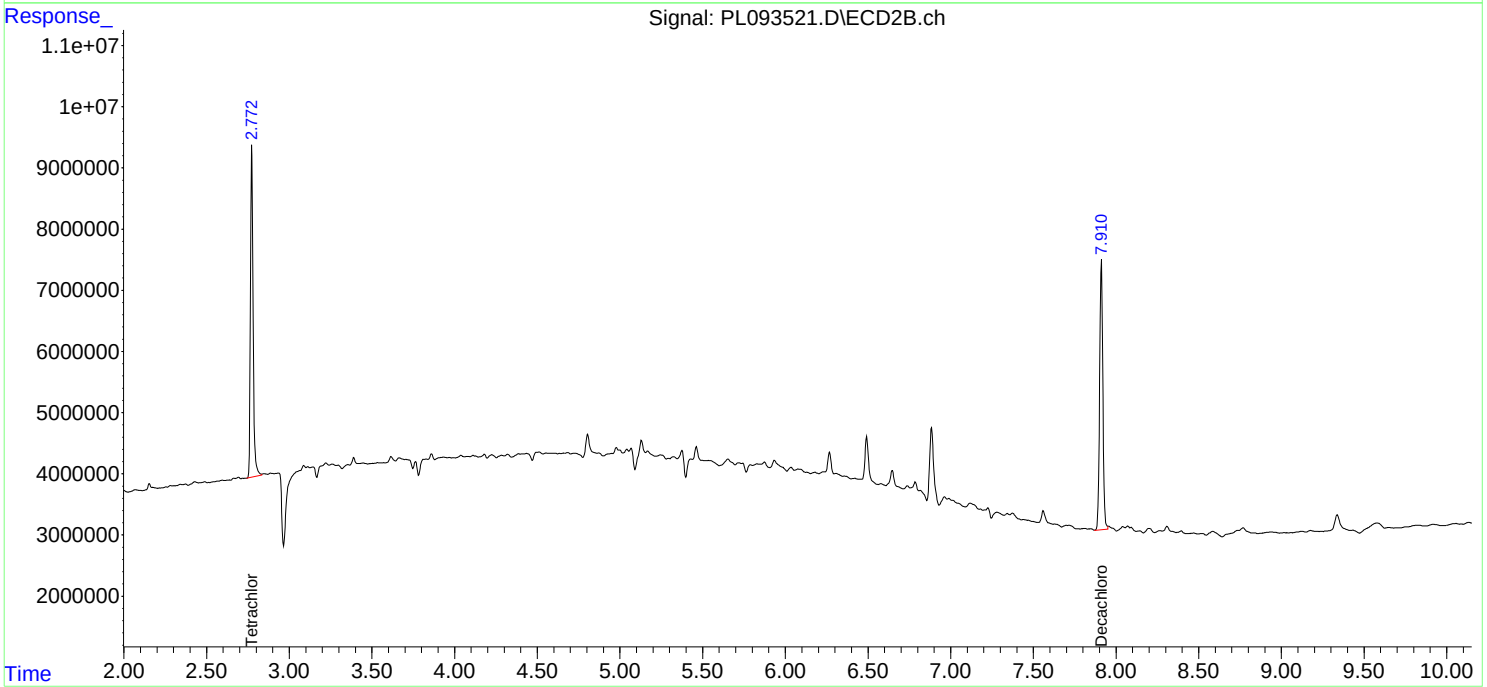
Manual Integrations APPROVED

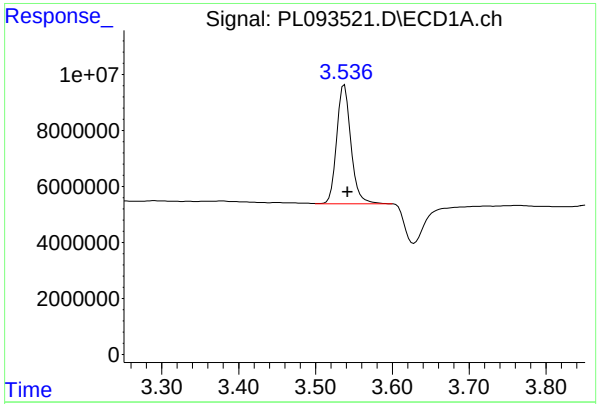
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 03:59:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







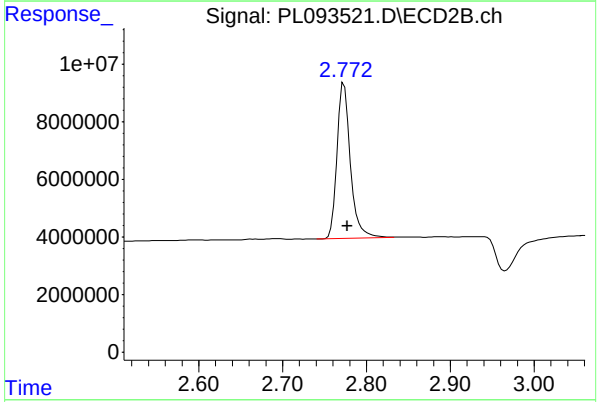
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.006 mi
Response: 53787474
Conc: 21.73 ng/m

Instrument :
ECD_L
ClientSampleId :
COMP-2

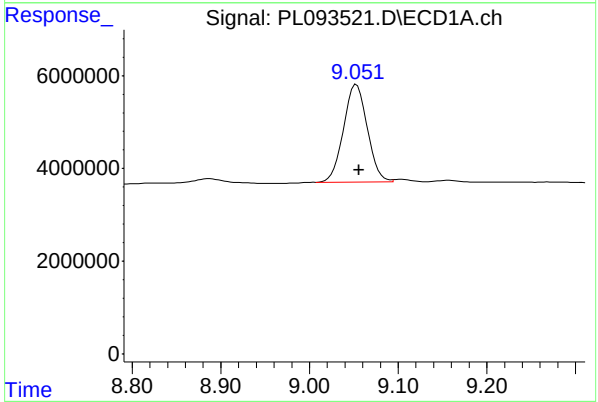
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024



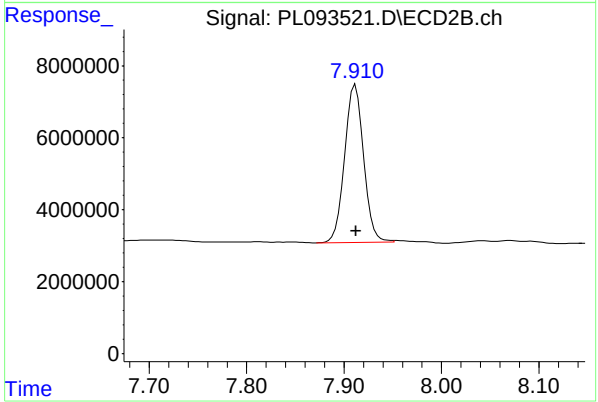
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 60205803
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 39546131
Conc: 21.39 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.002 min
Response: 59608024
Conc: 19.96 ng/ml m

Raw Data: **PL093522.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093522.D	1	12/26/24 08:30	12/26/24 13:46	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.18	U	0.18	2.10	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.10	ug/kg
72-54-8	4,4-DDD	0.23	U	0.23	2.10	ug/kg
50-29-3	4,4-DDT	0.21	U	0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		10 - 148	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		10 - 159	113%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093522.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:46
Operator : AR\AJ
Sample : P5382-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
COMP-3

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:00:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.536	2.773	55960109	63291068	22.604m	21.741
28)	SA Decachlor...	9.051	7.911	40717518	63739039	22.021m	21.347
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 13:46
Operator : AR\AJ
Sample : P5382-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

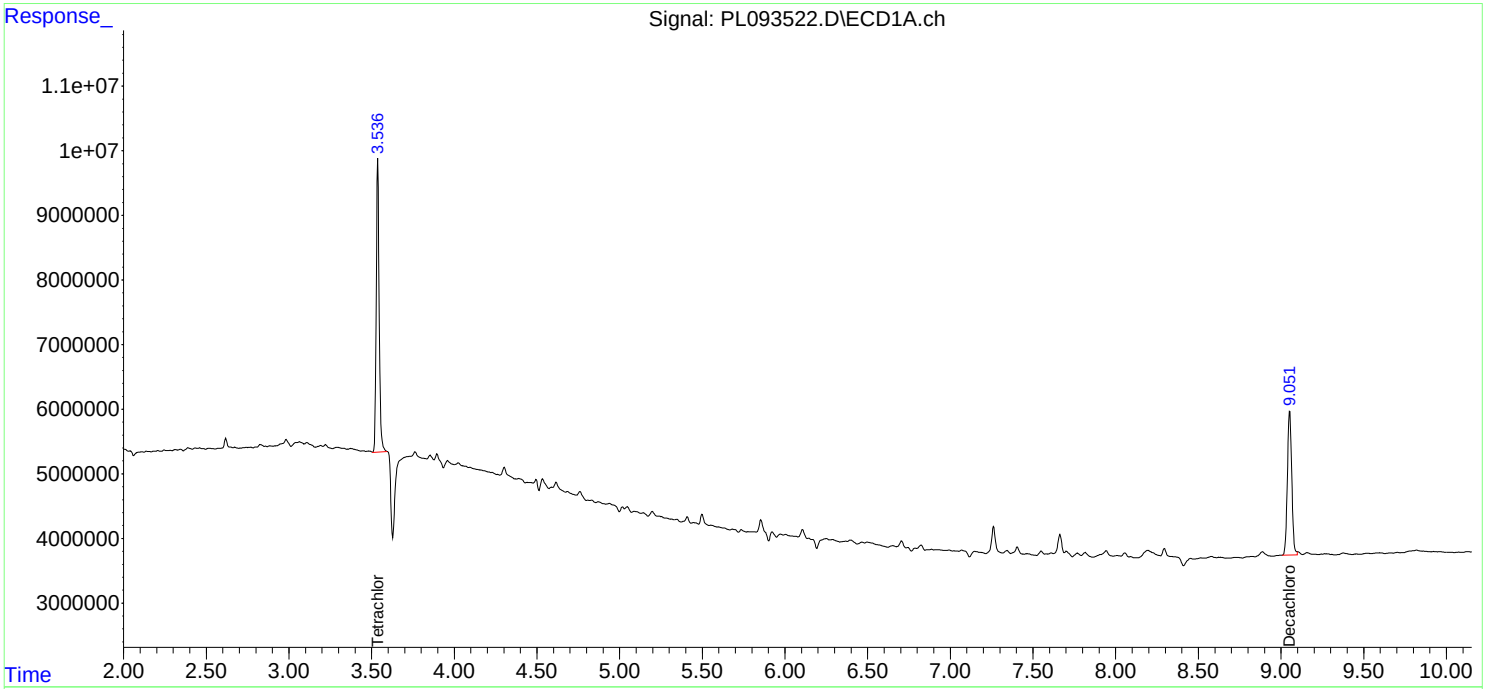
Instrument :
ECD_L
ClientSampleId :
COMP-3

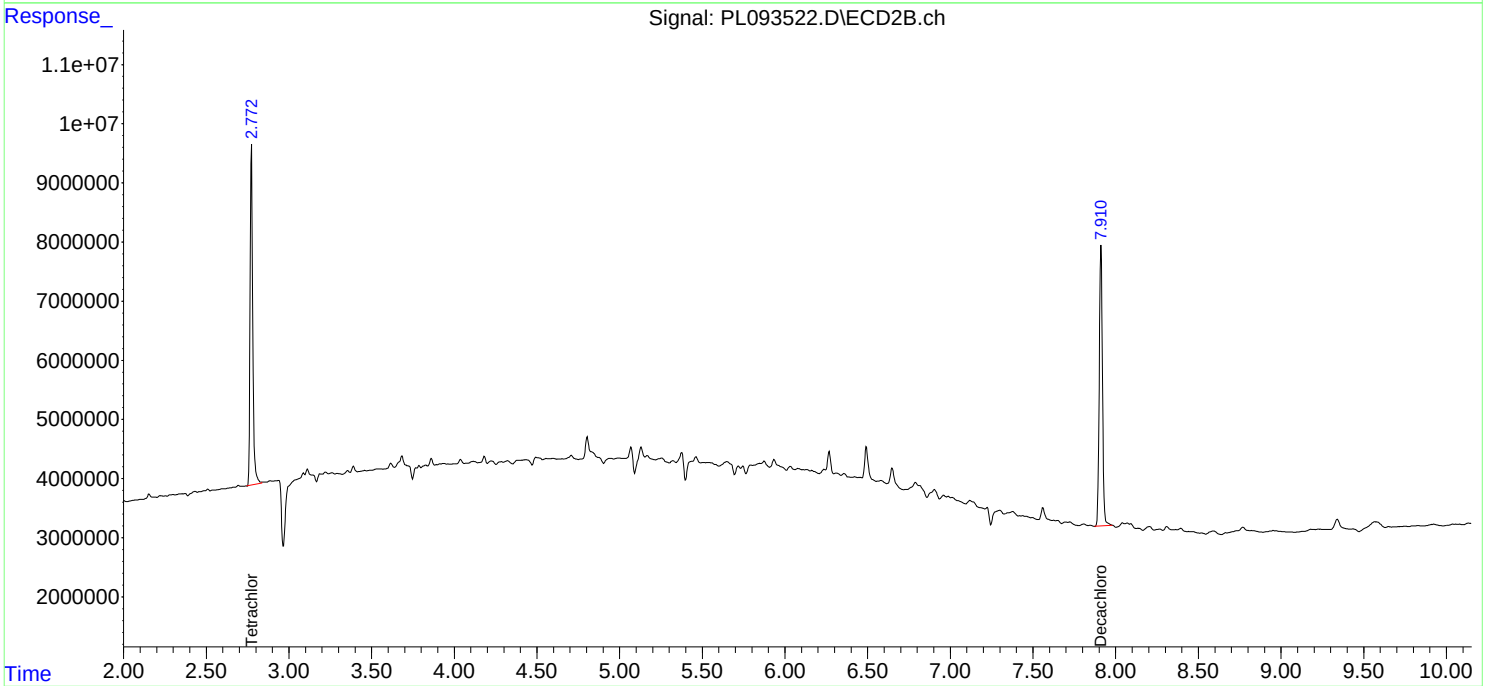
Manual Integrations APPROVED

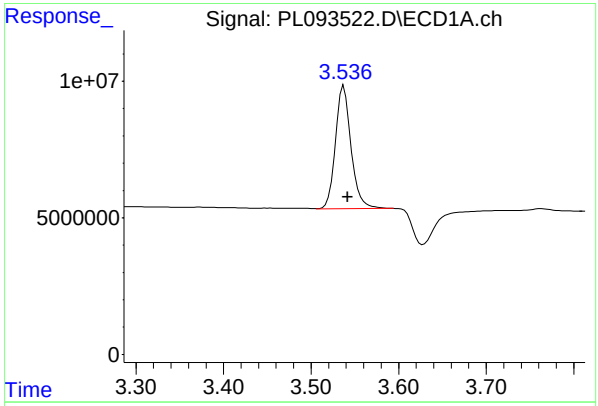
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:00:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







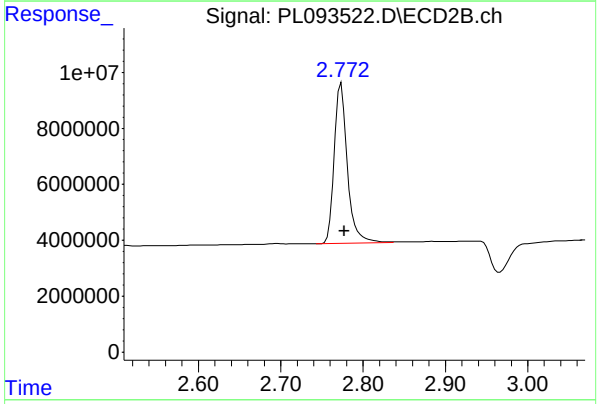
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.006 mi
Response: 55960109
Conc: 22.60 ng/m

Instrument :
ECD_L
ClientSampleId :
COMP-3

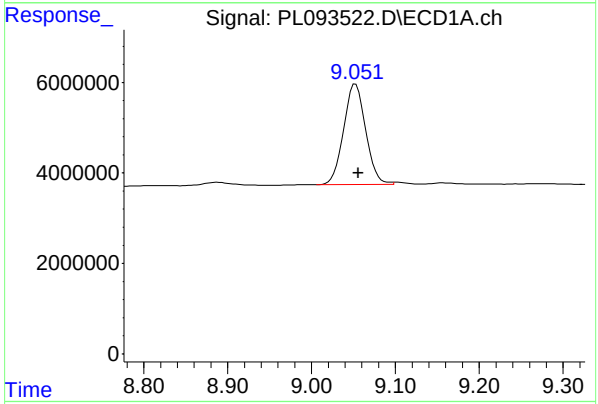
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024



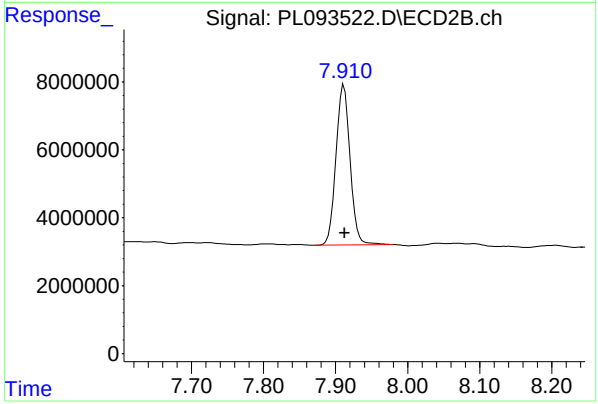
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 63291068
Conc: 21.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 40717518
Conc: 22.02 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 63739039
Conc: 21.35 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024

Calibration Times: 13:15 14:09

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

LAB FILE ID: RT 100 = PL093484.D RT 075 = PL093485.D

RT 050 = PL093486.D RT 025 = PL093487.D RT 005 = PL093488.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.03	7.03	7.03	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
Decachlorobiphenyl	9.06	9.06	9.06	9.05	9.05	9.06	8.96	9.16
Dieldrin	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024

Calibration Times: 13:15 14:09

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

LAB FILE ID: **RT 100 =** PL093484.D **RT 075 =** PL093485.D

RT 050 = PL093486.D **RT 025 =** PL093487.D **RT 005 =** PL093488.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
4,4'-DDE	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
4,4'-DDT	6.04	6.04	6.04	6.04	6.04	6.04	5.94	6.14
Aldrin	4.23	4.23	4.23	4.23	4.23	4.23	4.13	4.33
Decachlorobiphenyl	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Dieldrin	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024

Calibration Times: 13:15 14:09

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

LAB FILE ID: **CF 100 =** PL093484.D **CF 075 =** PL093485.D

CF 050 = PL093486.D **CF 025 =** PL093487.D **CF 005 =** PL093488.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1621940000	1601100000	1685020000	1757890000	2113830000	1755960000	12
4,4'-DDE	2097720000	2040360000	2142990000	2234520000	2703690000	2243860000	12
4,4'-DDT	1736630000	1688550000	1784110000	1855870000	2177460000	1848520000	10
Aldrin	2739480000	2644310000	2770490000	2873720000	3516330000	2908860000	12
Decachlorobiphenyl	1661260000	1649170000	1775440000	1867730000	2291490000	1849020000	14
Dieldrin	2323630000	2259870000	2374580000	2480210000	3037140000	2495090000	13
Tetrachloro-m-xylene	2318290000	2256280000	2391520000	2493110000	2919250000	2475690000	11

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024

Calibration Times: 13:15 14:09

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

LAB FILE ID: **CF 100 =** PL093484.D **CF 075 =** PL093485.D

CF 050 = PL093486.D **CF 025 =** PL093487.D **CF 005 =** PL093488.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2969360000	2852140000	2831690000	2714170000	2783370000	2830150000	3
4,4'-DDE	3832650000	3639420000	3656470000	3546590000	3711090000	3677240000	3
4,4'-DDT	3215060000	3041820000	3039820000	2905500000	2899310000	3020300000	4
Aldrin	4345680000	4106320000	4115460000	3936670000	4007300000	4102290000	4
Decachlorobiphenyl	2956580000	2818470000	2885080000	2902790000	3366620000	2985910000	7
Dieldrin	4043510000	3835610000	3838300000	3694190000	3857790000	3853880000	3
Tetrachloro-m-xylene	2947220000	2813690000	2902100000	2859340000	3033640000	2911200000	3

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

GC Column: _____ **ID:** _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:15
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.542	2.778	231.8E6	294.7E6	96.938	101.555
28)	SA Decachlor...	9.056	7.913	166.1E6	295.7E6	93.569	102.478
	Target Compounds						
2)	A alpha-BHC	3.998	3.280	347.8E6	468.0E6	104.118	106.233
3)	MA gamma-BHC...	4.330	3.610	319.0E6	449.4E6	100.298	105.476
4)	MA Heptachlor	4.918	3.949	274.7E6	429.4E6	98.028	103.245
5)	MB Aldrin	5.259	4.228	273.9E6	434.6E6	98.881	105.594
6)	B beta-BHC	4.528	3.910	132.2E6	179.8E6	95.848	101.323
7)	B delta-BHC	4.775	4.139	302.5E6	452.8E6	101.912	106.135
8)	B Heptachlo...	5.686	4.731	242.6E6	389.0E6	96.841	103.516
9)	A Endosulfan I	6.071	5.100	217.0E6	357.5E6	96.603	103.316
10)	B gamma-Chl...	5.942	4.981	234.0E6	399.0E6	97.368	105.233
11)	B alpha-Chl...	6.021	5.044	232.1E6	391.4E6	97.329	104.102
12)	B 4,4'-DDE	6.194	5.233	209.8E6	383.3E6	97.887	104.819
13)	MA Dieldrin	6.346	5.364	232.4E6	404.4E6	97.854	105.346
14)	MA Endrin	6.576	5.640	198.1E6	345.7E6	96.770	104.280
15)	B Endosulfa...	6.796	5.935	207.9E6	331.1E6	99.259	101.739
16)	A 4,4'-DDD	6.712	5.788	162.2E6	296.9E6	96.257	104.862
17)	MA 4,4'-DDT	7.025	6.038	173.7E6	321.5E6	97.339	105.765
18)	B Endrin al...	6.926	6.114	159.1E6	270.8E6	94.696	101.980
19)	B Endosulfa...	7.161	6.337	181.9E6	321.6E6	94.774	103.297
20)	A Methoxychlor	7.502	6.612	90229928	158.0E6	93.407	99.359
21)	B Endrin ke...	7.645	6.841	206.4E6	368.1E6	96.998	101.719
22)	Mirex	8.118	7.022	164.2E6	294.6E6	93.292	99.628

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

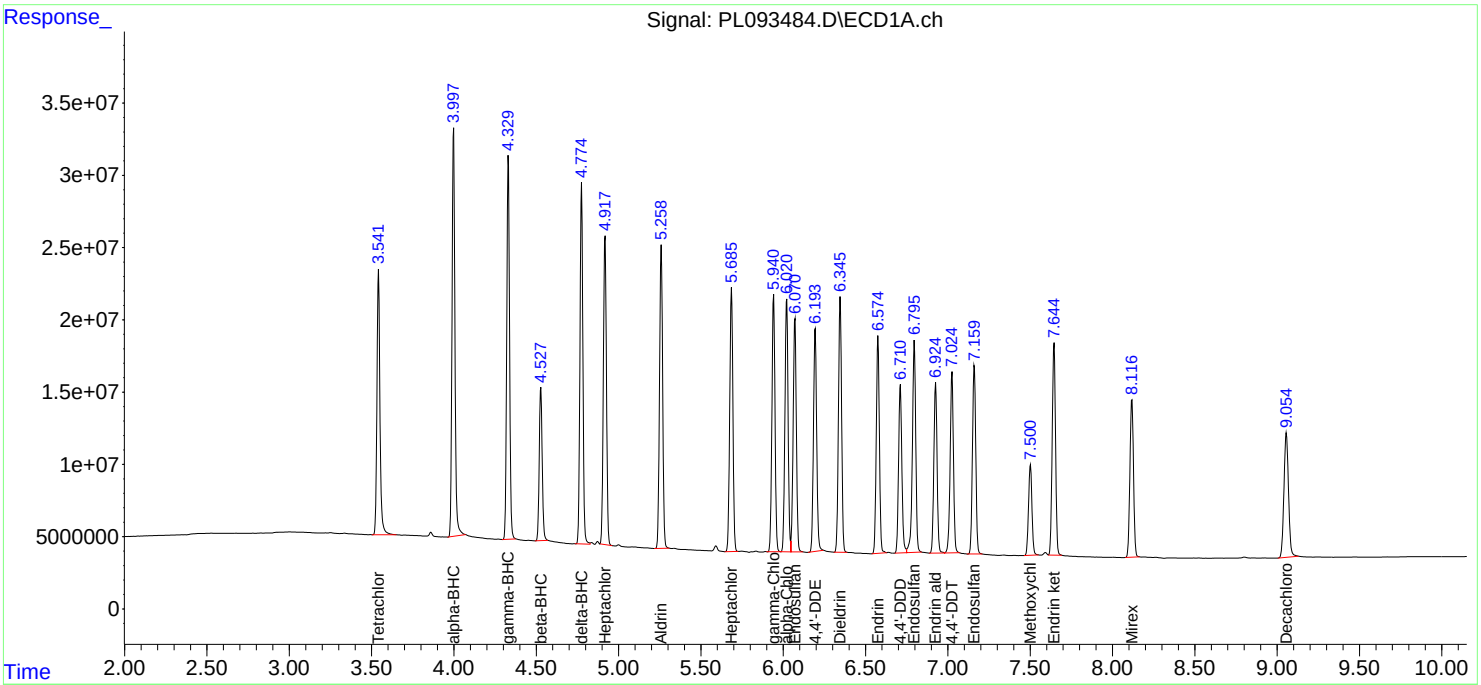
ICAL Form

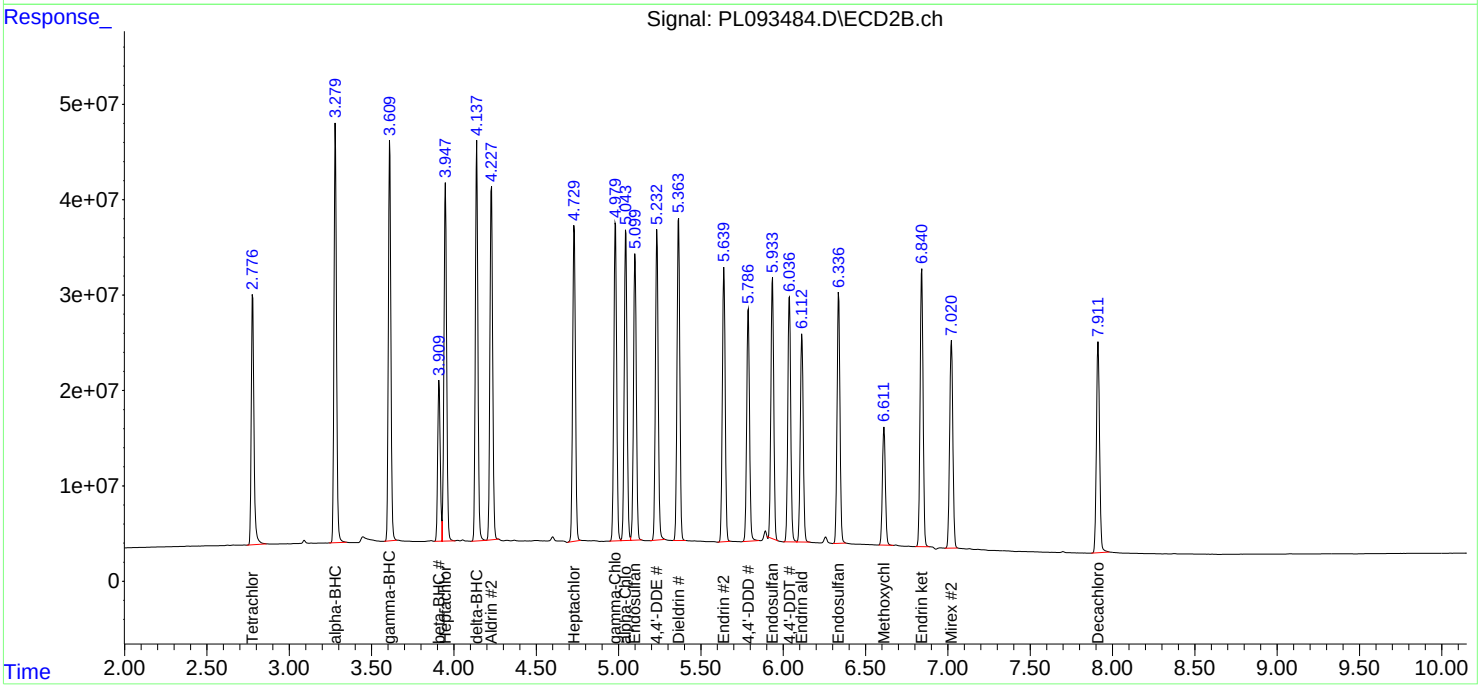
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:15
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:28
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.542	2.778	169.2E6	211.0E6	70.759	72.715
28) SA	Decachlor...	9.056	7.913	123.7E6	211.4E6	69.666	73.268
	Target Compounds						
2) A	alpha-BHC	3.997	3.280	240.5E6	329.3E6	71.989	74.748
3) MA	gamma-BHC...	4.330	3.610	228.9E6	317.2E6	71.985	74.442
4) MA	Heptachlor	4.918	3.948	200.3E6	307.3E6	71.464	73.886
5) MB	Aldrin	5.259	4.228	198.3E6	308.0E6	71.584	74.833
6) B	beta-BHC	4.528	3.910	97398960	129.5E6	70.637	72.992
7) B	delta-BHC	4.775	4.138	216.4E6	319.4E6	72.928	74.865
8) B	Heptachlo...	5.686	4.730	177.4E6	277.5E6	70.803	73.834
9) A	Endosulfan I	6.071	5.100	159.0E6	257.1E6	70.785	74.305
10) B	gamma-Chl...	5.942	4.980	171.1E6	283.5E6	71.188	74.781
11) B	alpha-Chl...	6.021	5.044	169.9E6	279.5E6	71.239	74.347
12) B	4,4'-DDE	6.194	5.233	153.0E6	273.0E6	71.408	74.650
13) MA	Dieldrin	6.346	5.364	169.5E6	287.7E6	71.377	74.947
14) MA	Endrin	6.576	5.640	144.8E6	246.6E6	70.759	74.393
15) B	Endosulfa...	6.796	5.934	147.6E6	242.8E6	70.453	74.603
16) A	4,4'-DDD	6.712	5.788	120.1E6	213.9E6	71.265	75.542
17) MA	4,4'-DDT	7.025	6.037	126.6E6	228.1E6	70.983	75.049
18) B	Endrin al...	6.925	6.114	118.7E6	195.8E6	70.698	73.744
19) B	Endosulfa...	7.160	6.336	134.7E6	230.7E6	70.176	74.098
20) A	Methoxychlor	7.501	6.613	67343223	115.4E6	69.714	72.586
21) B	Endrin ke...	7.645	6.841	151.9E6	265.7E6	71.401	73.422
22)	Mirex	8.118	7.022	123.1E6	214.7E6	69.921	72.630

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

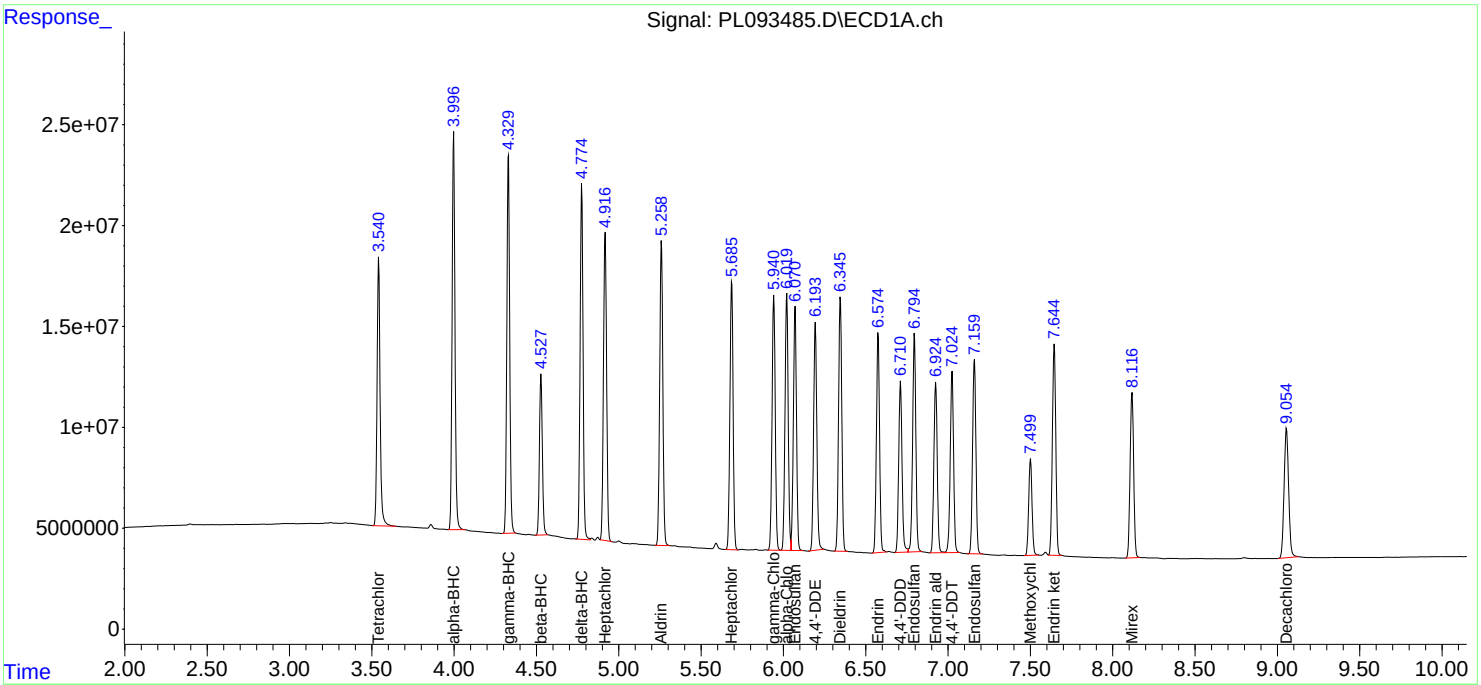
ICAL Form

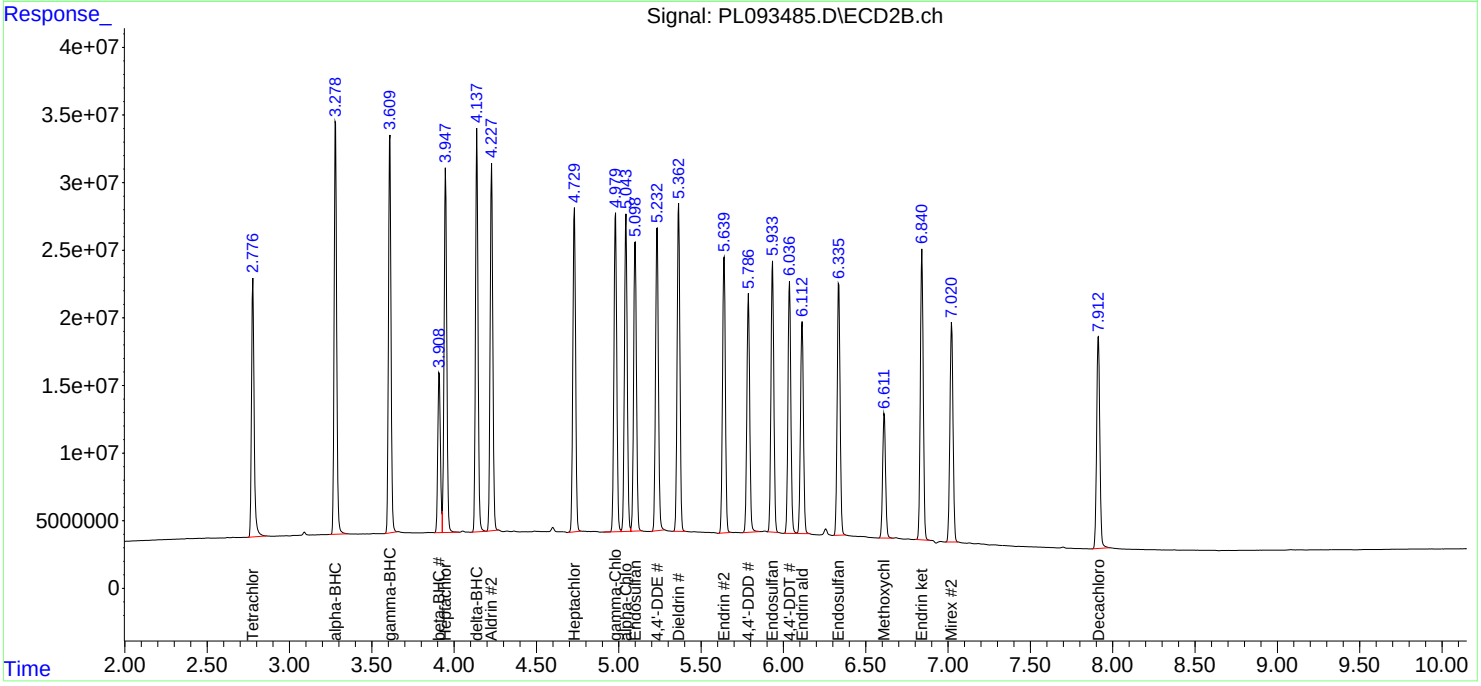
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:28
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:42
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.542	2.777	119.6E6	145.1E6	50.000	50.000
28) SA	Decachlor...	9.056	7.912	88772027	144.3E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.997	3.280	167.0E6	220.3E6	50.000	50.000
3) MA	gamma-BHC...	4.329	3.610	159.0E6	213.0E6	50.000	50.000
4) MA	Heptachlor	4.918	3.948	140.1E6	208.0E6	50.000	50.000
5) MB	Aldrin	5.259	4.228	138.5E6	205.8E6	50.000	50.000
6) B	beta-BHC	4.527	3.910	68943751	88703394	50.000	50.000
7) B	delta-BHC	4.775	4.138	148.4E6	213.3E6	50.000	50.000
8) B	Heptachlo...	5.686	4.730	125.3E6	187.9E6	50.000	50.000
9) A	Endosulfan I	6.071	5.100	112.3E6	173.0E6	50.000	50.000
10) B	gamma-Chl...	5.941	4.980	120.2E6	189.6E6	50.000	50.000
11) B	alpha-Chl...	6.020	5.044	119.2E6	188.0E6	50.000	50.000
12) B	4,4'-DDE	6.194	5.233	107.1E6	182.8E6	50.000	50.000
13) MA	Dieldrin	6.346	5.364	118.7E6	191.9E6	50.000	50.000
14) MA	Endrin	6.575	5.640	102.3E6	165.8E6	50.000	50.000
15) B	Endosulfa...	6.795	5.934	104.7E6	162.7E6	50.000	50.000
16) A	4,4'-DDD	6.711	5.788	84251133	141.6E6	50.000	50.000
17) MA	4,4'-DDT	7.025	6.037	89205651	152.0E6	50.000	50.000
18) B	Endrin al...	6.926	6.113	83983177	132.8E6	50.000	50.000
19) B	Endosulfa...	7.160	6.337	95974066	155.7E6	50.000	50.000
20) A	Methoxychlor	7.500	6.612	48299350	79493908	50.000	50.000
21) B	Endrin ke...	7.645	6.842	106.4E6	180.9E6	50.000	50.000
22)	Mirex	8.117	7.022	88017913	147.8E6	50.000	50.000

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

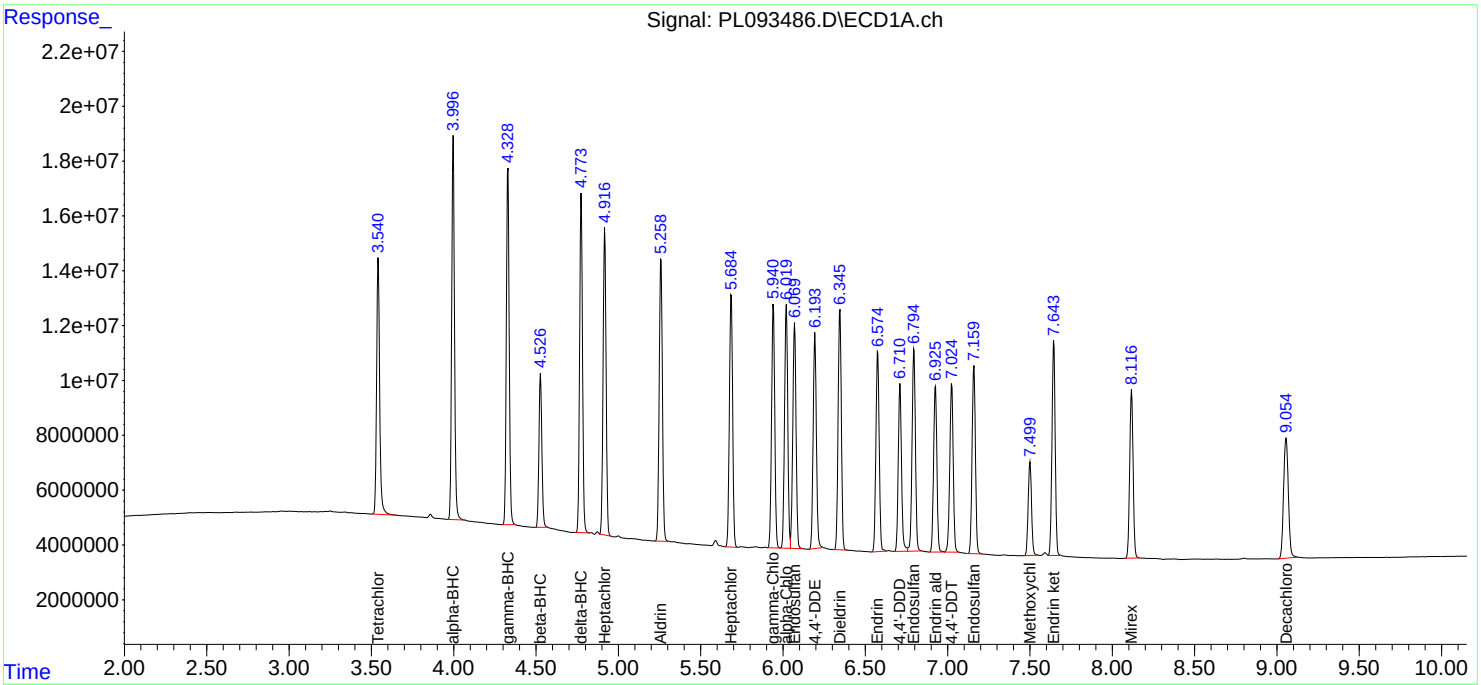
ICAL Form

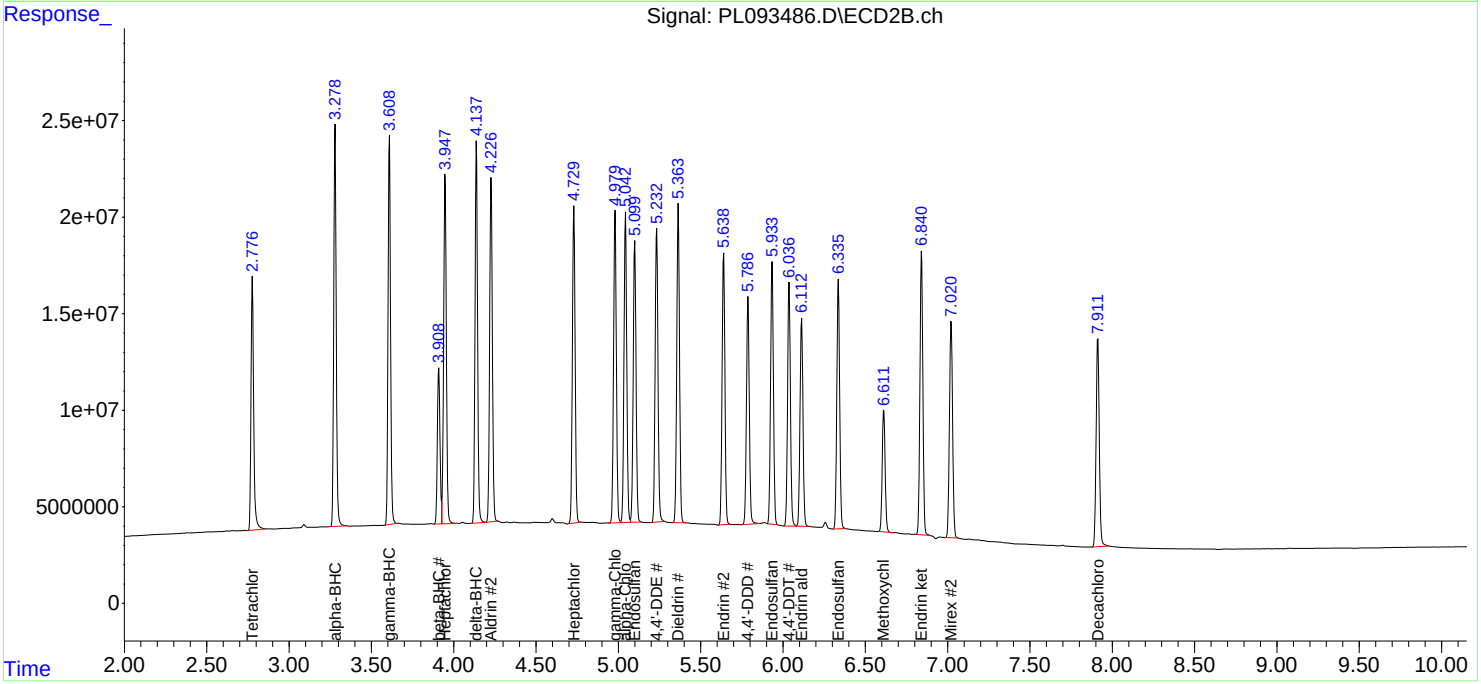
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:42
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:55
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.541	2.777	62327725	71483550	26.062	24.632
28) SA	Decachlor...	9.054	7.912	46693156	72569750	26.299	25.153
	Target Compounds						
2) A	alpha-BHC	3.997	3.280	84122049	103.9E6	25.185	23.590
3) MA	gamma-BHC...	4.329	3.609	80617748	101.6E6	25.350	23.838
4) MA	Heptachlor	4.917	3.948	72998754	100.7E6	26.050	24.221
5) MB	Aldrin	5.258	4.228	71843023	98416703	25.932	23.914
6) B	beta-BHC	4.527	3.909	36165489	44410965	26.228	25.033
7) B	delta-BHC	4.774	4.138	74947115	101.1E6	25.253	23.702
8) B	Heptachlo...	5.685	4.730	65614080	92441130	26.187	24.599
9) A	Endosulfan I	6.070	5.100	58987300	84559692	26.262	24.439
10) B	gamma-Chl...	5.940	4.980	62495271	92591896	26.004	24.422
11) B	alpha-Chl...	6.020	5.044	62441570	92038105	26.187	24.478
12) B	4,4'-DDE	6.193	5.233	55862958	88664838	26.068	24.249
13) MA	Dieldrin	6.345	5.364	62005270	92354806	26.112	24.061
14) MA	Endrin	6.575	5.639	53644088	79847389	26.210	24.086
15) B	Endosulfa...	6.795	5.934	56112262	79705442	26.784	24.488
16) A	4,4'-DDD	6.710	5.787	43947210	67854340	26.081	23.962
17) MA	4,4'-DDT	7.024	6.037	46396872	72637544	26.006	23.895
18) B	Endrin al...	6.924	6.113	44927918	66140068	26.748	24.909
19) B	Endosulfa...	7.159	6.336	50981786	76669518	26.560	24.625
20) A	Methoxychlor	7.500	6.612	25574313	39897867	26.475	25.095
21) B	Endrin ke...	7.644	6.841	56296228	88980989	26.460	24.591
22)	Mirex	8.116	7.022	47657300	76083698	27.073	25.733

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

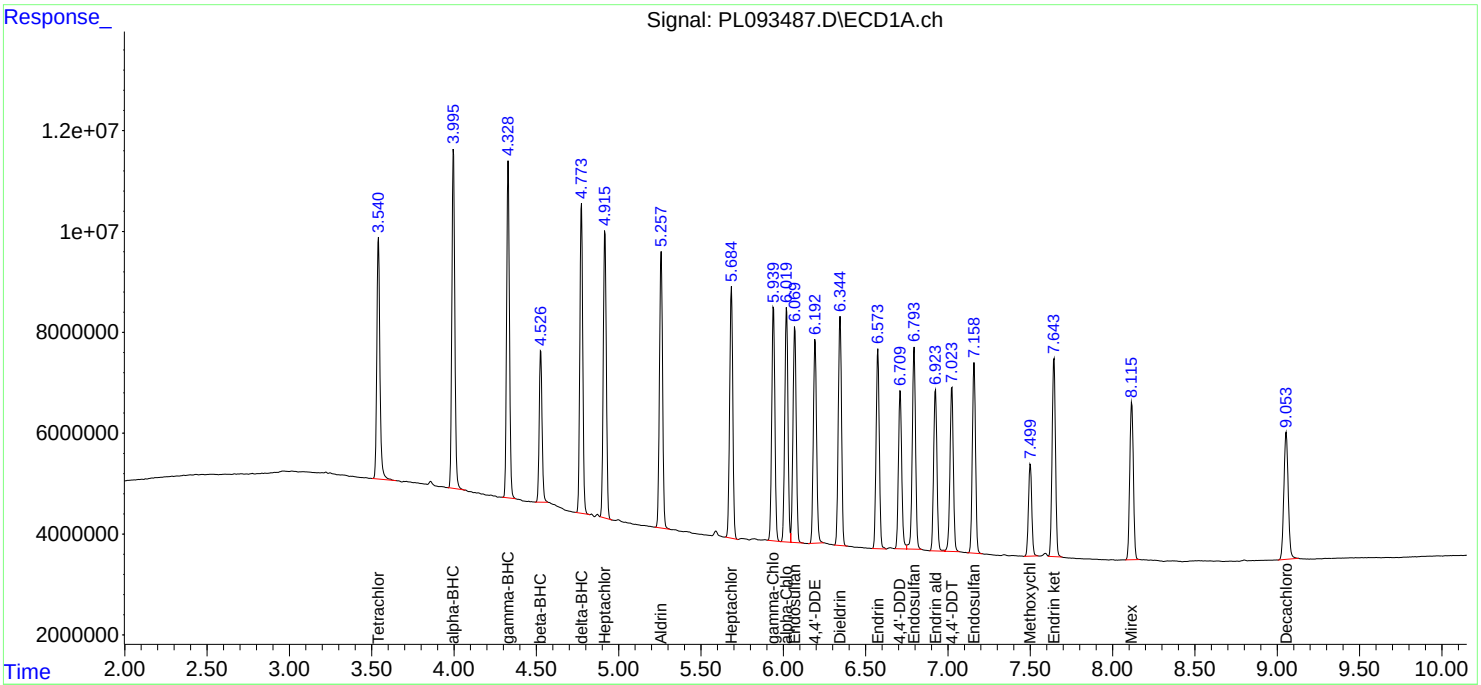
ICAL Form

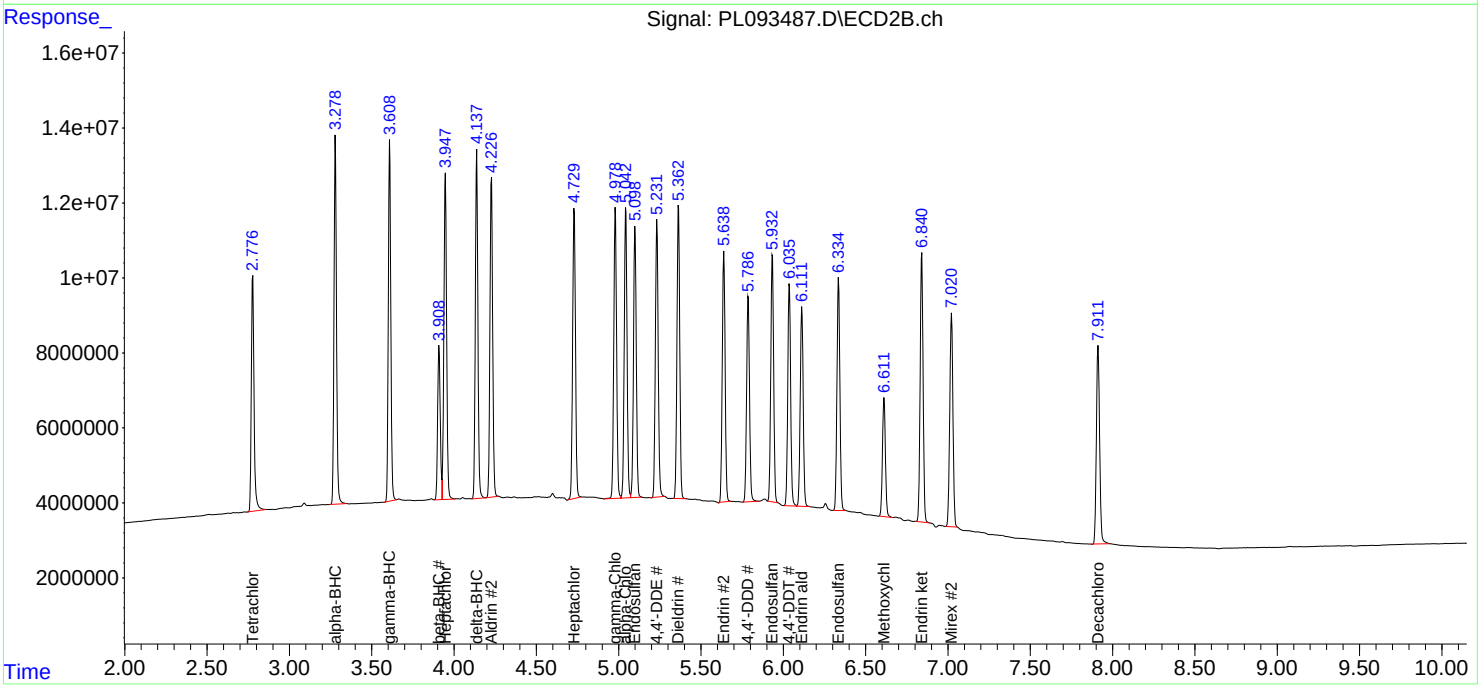
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 13:55
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 14:09
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.541	2.777	14596266	15168195	6.103	5.227
28)	SA Decachlor...	9.054	7.912	11457436	16833079	6.453	5.835
	Target Compounds						
2)	A alpha-BHC	3.996	3.279	19366185	20496659	5.798	4.652
3)	MA gamma-BHC...	4.329	3.609	18751913	20256939	5.897	4.755
4)	MA Heptachlor	4.917	3.948	17511436	20989422	6.249	5.046
5)	MB Aldrin	5.258	4.227	17581628	20036521	6.346	4.869
6)	B beta-BHC	4.527	3.909	8810873	9564220	6.390	5.391
7)	B delta-BHC	4.774	4.138	17184513	20232547	5.790	4.742
8)	B Heptachlo...	5.684	4.730	16248548	20492257	6.485	5.453
9)	A Endosulfan I	6.070	5.100	14505341	18122463	6.458	5.238
10)	B gamma-Chl...	5.941	4.980	15205469	19999538	6.327	5.275
11)	B alpha-Chl...	6.019	5.043	15233484	19770126	6.389	5.258
12)	B 4,4'-DDE	6.193	5.232	13518455	18555428	6.308	5.075
13)	MA Dieldrin	6.345	5.364	15185715	19288943	6.395	5.025
14)	MA Endrin	6.575	5.639	13290669	16436761	6.494	4.958
15)	B Endosulfa...	6.794	5.934	14897483	16262475	7.111	4.996 #
16)	A 4,4'-DDD	6.710	5.787	10569136	13916859	6.272	4.915
17)	MA 4,4'-DDT	7.024	6.037	10887277	14496531	6.102	4.769
18)	B Endrin al...	6.924	6.113	11109839	14229329	6.614	5.359
19)	B Endosulfa...	7.159	6.336	12606082	16498721	6.567	5.299
20)	A Methoxychlor	7.500	6.612	6046109	8720001	6.259	5.485
21)	B Endrin ke...	7.643	6.841	13753382	19006345	6.464	5.253
22)	Mirex	8.116	7.021	11967581	17368842	6.798	5.875

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

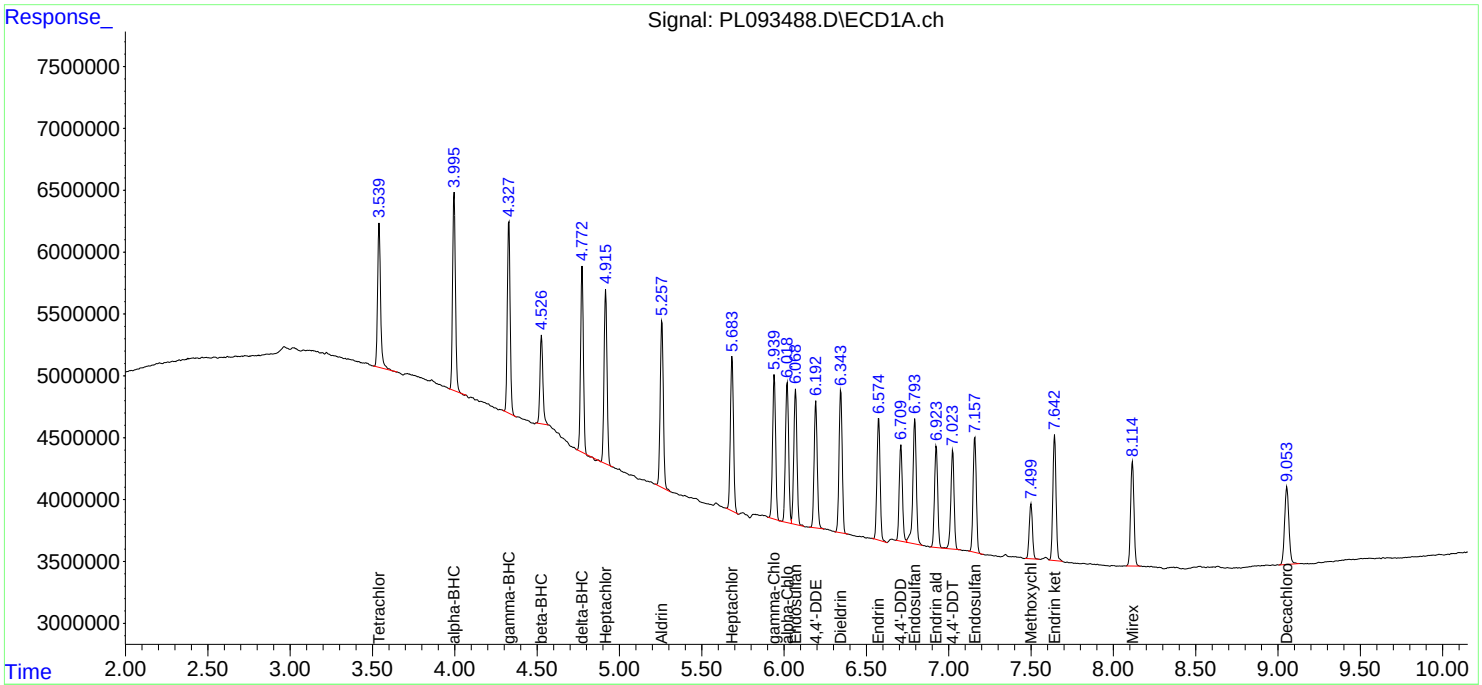
ICAL Form

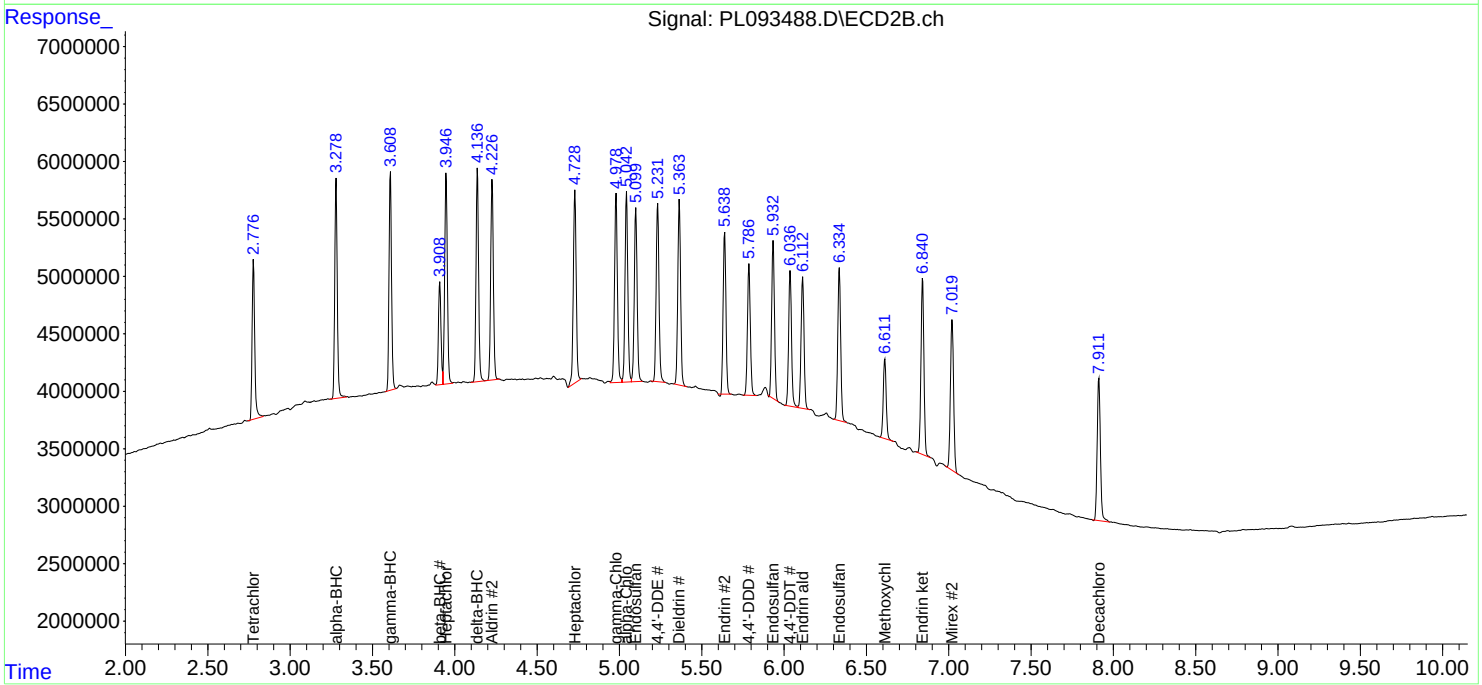
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 14:09
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 14:23:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 14:21:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 14:50
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:22:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:21:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.541	2.776	116.4E6	172.9E6	50.000	50.000
28)	SA Decachlor...	9.055	7.912	87811107	148.3E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.702	3.773	52505045	58990929	500.000	500.000
24)	Chlordane-2	5.231	4.350	52346160	67813428	500.000	500.000
25)	Chlordane-3	5.941	4.979	178.6E6	208.0E6	500.000	500.000
26)	Chlordane-4	6.023	5.042	214.5E6	203.7E6	500.000	500.000
27)	Chlordane-5	6.872	5.938	41412907	66199235	500.000	500.000

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

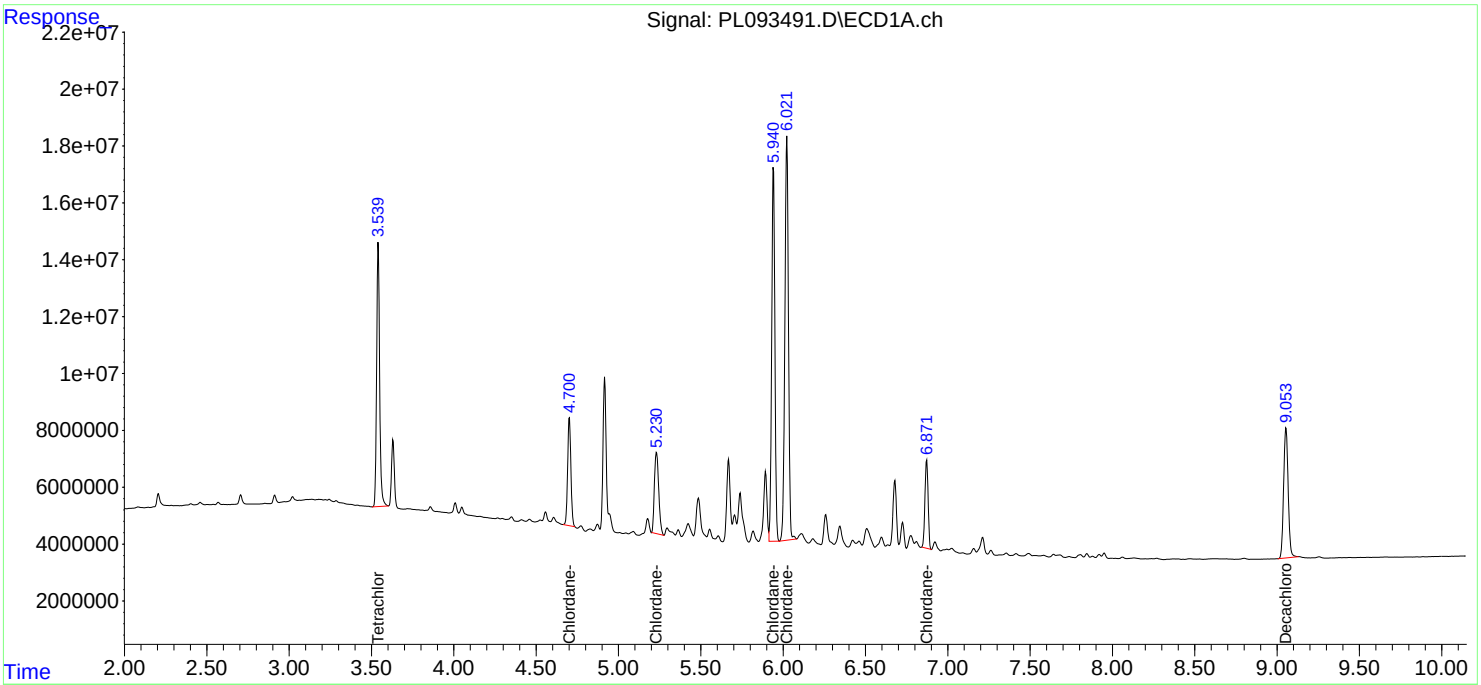
ICAL Form

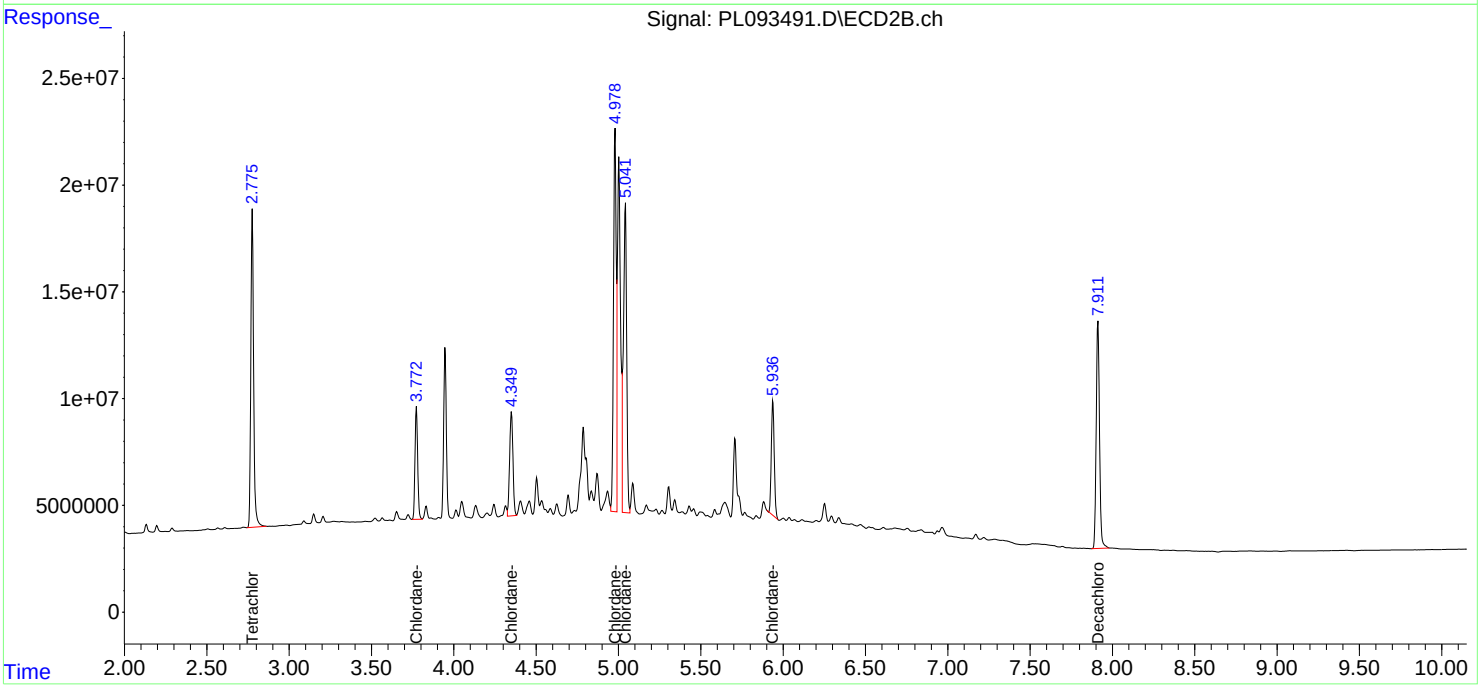
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 14:50
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:22:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:21:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 15:58
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:02:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:01:13 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.541	2.777	122.0E6	148.7E6	50.000	50.000
7) SA	Decachlor...	9.055	7.912	90391855	152.0E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.237	5.004	11382436	11621530	500.000	500.000
3)	Toxaphene-2	6.442	5.329	7636420	11403684	500.000	500.000
4)	Toxaphene-3	7.059	5.687	36561917	12579461	500.000	500.000
5)	Toxaphene-4	7.149	6.602	27288097	40787402	500.000	500.000
6)	Toxaphene-5	7.933	7.042	20583197	37623850	500.000	500.000

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

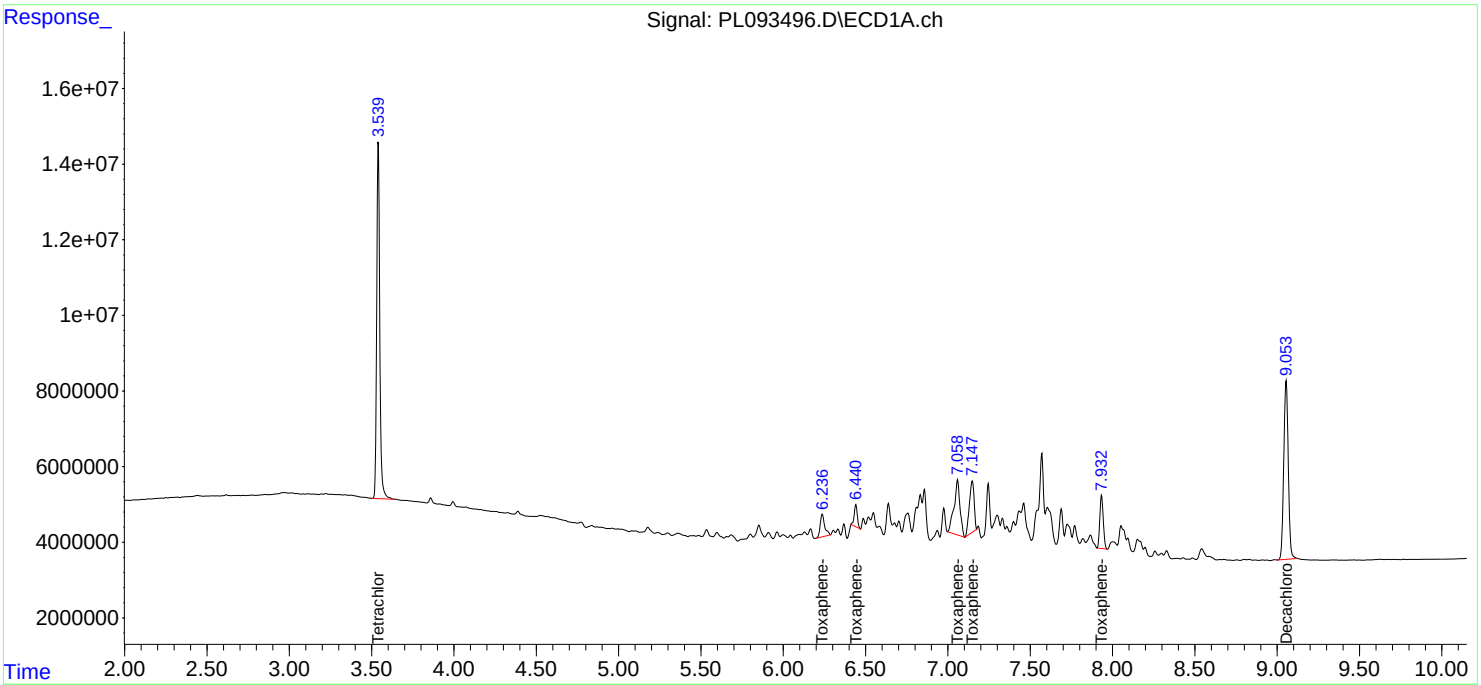
ICAL Form

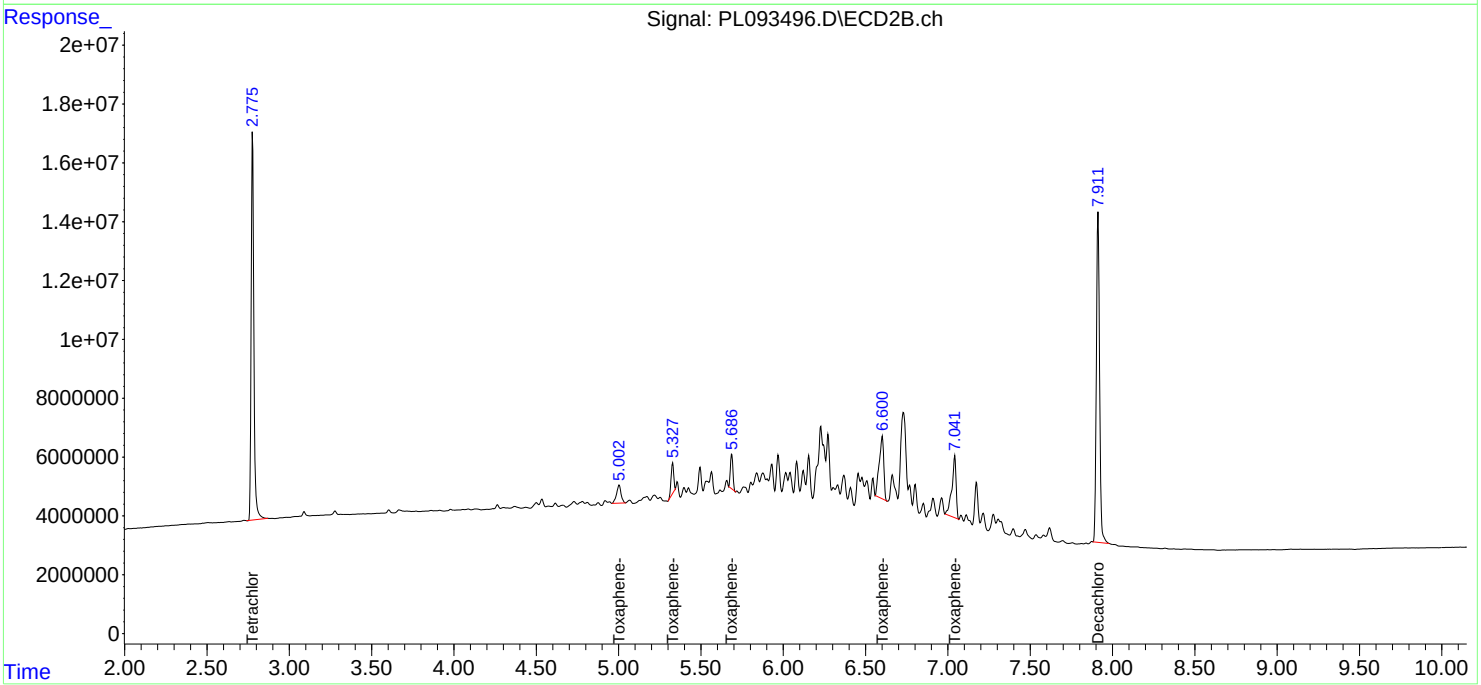
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 15:58
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:02:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:01:13 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 16:38
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL122324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:10:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:08:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.541	2.776	121.2E6	148.1E6	48.938	50.874
28) SA	Decachlor...	9.054	7.912	89737042	149.3E6	48.532	50.010
	Target Compounds						
2) A	alpha-BHC	3.996	3.279	170.4E6	227.2E6	49.356	52.280
3) MA	gamma-BHC...	4.329	3.609	162.9E6	220.0E6	49.672	52.129
4) MA	Heptachlor	4.917	3.947	143.0E6	214.5E6	48.821	51.615
5) MB	Aldrin	5.258	4.227	140.9E6	212.0E6	48.450	51.687
6) B	beta-BHC	4.527	3.909	70383598	91080460	48.824	50.671
7) B	delta-BHC	4.774	4.137	151.7E6	220.7E6	49.528	52.194
8) B	Heptachlo...	5.685	4.729	127.5E6	193.9E6	48.410	50.649
9) A	Endosulfan I	6.070	5.099	114.1E6	178.3E6	48.365	51.021
10) B	gamma-Chl...	5.941	4.979	121.8E6	195.9E6	48.464	50.835
11) B	alpha-Chl...	6.020	5.043	121.5E6	193.6E6	48.532	50.858
12) B	4,4'-DDE	6.193	5.232	109.1E6	188.2E6	48.621	51.185
13) MA	Dieldrin	6.345	5.363	120.5E6	197.7E6	48.282	51.302
14) MA	Endrin	6.575	5.638	102.9E6	170.2E6	47.783	51.456
15) B	Endosulfa...	6.795	5.933	105.8E6	168.8E6	46.532	51.941
16) A	4,4'-DDD	6.711	5.787	85938052	144.4E6	48.941	51.022
17) MA	4,4'-DDT	7.024	6.036	90189353	155.4E6	48.790	51.458
18) B	Endrin al...	6.925	6.112	85573532	136.2E6	48.223	50.559
19) B	Endosulfa...	7.159	6.335	97479247	161.3E6	48.280	51.119
20) A	Methoxychlor	7.500	6.611	49092628	81615484	49.108	50.704
21) B	Endrin ke...	7.644	6.840	109.1E6	187.3E6	48.605	51.455
22)	Mirex	8.116	7.021	89433507	153.4E6	47.858	50.174

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

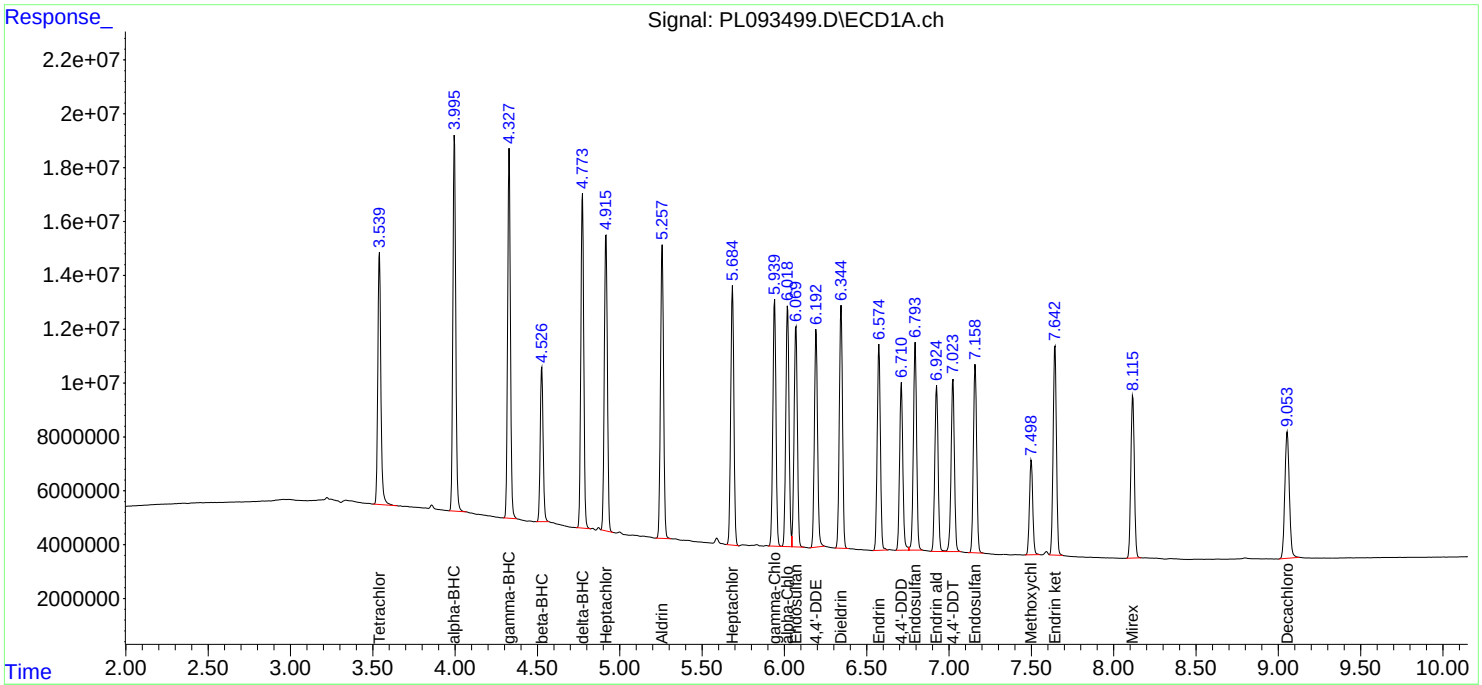
ICAL Form

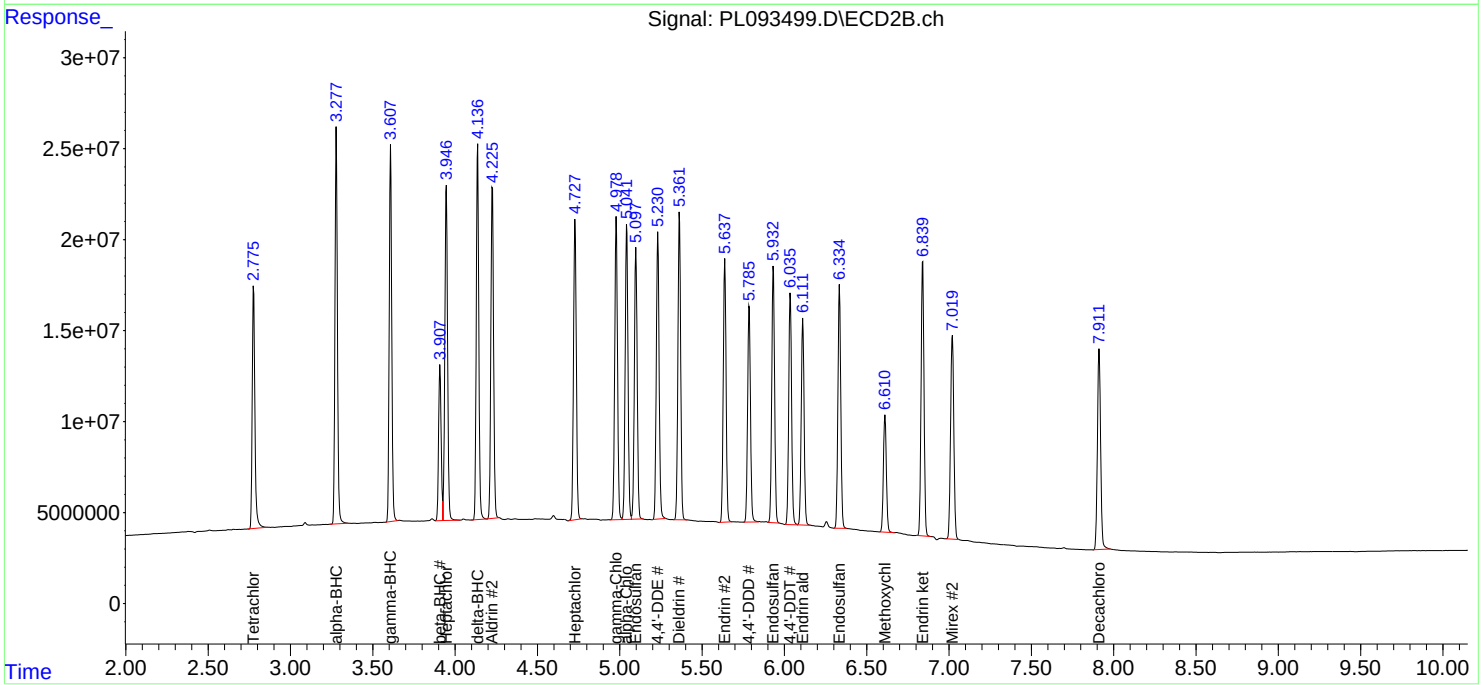
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 16:38
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL122324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:10:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:08:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 17:05
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL122324

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:22:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:21:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.541	2.776	113.0E6	168.2E6	48.552	48.637
28)	SA Decachlor...	9.054	7.912	85116885	146.3E6	48.466	49.333
	Target Compounds						
23)	Chlordane-1	4.701	3.772	51005172	57181698	485.717	484.665m
24)	Chlordane-2	5.231	4.350	51090107	66182306	488.002	487.973
25)	Chlordane-3	5.941	4.979	173.1E6	203.4E6	484.588	488.954
26)	Chlordane-4	6.023	5.042	206.2E6	193.0E6	480.743	473.830
27)	Chlordane-5	6.872	5.937	40026287	65306707	483.259	493.259

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 17:05
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

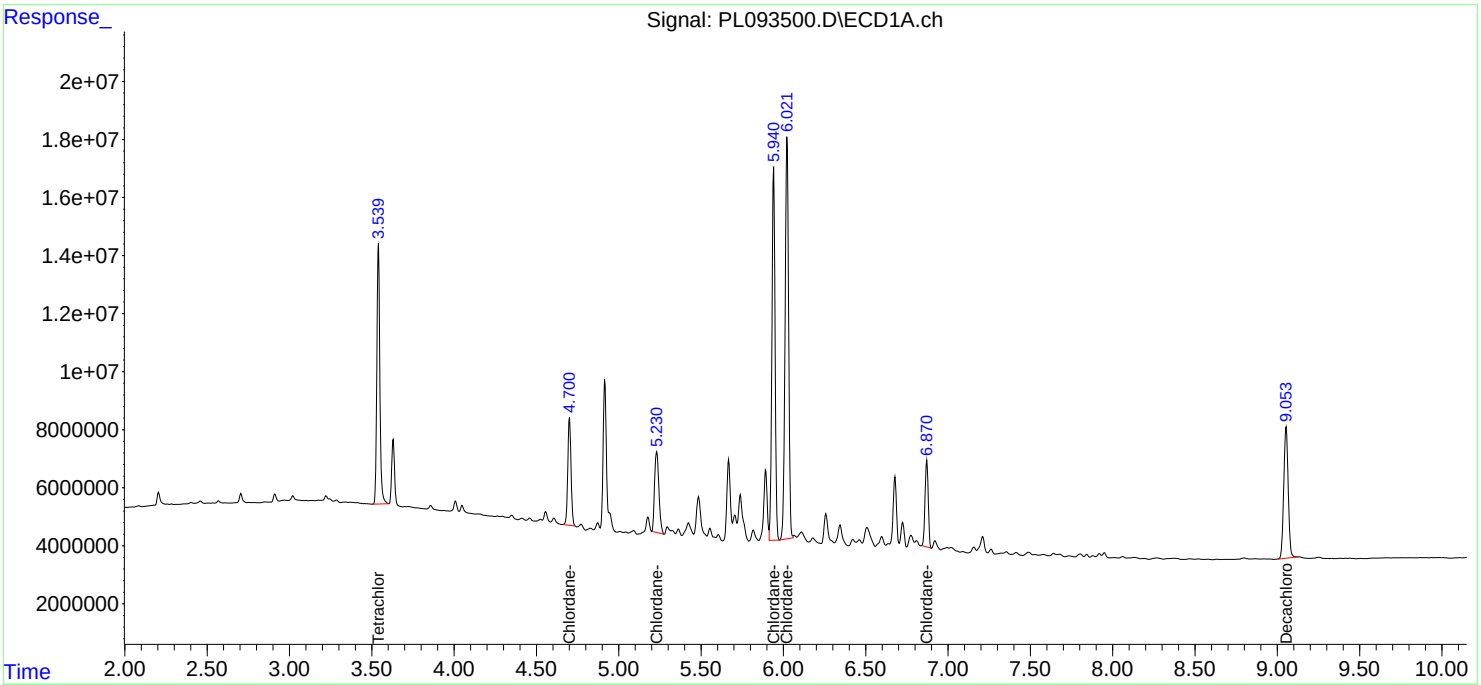
Instrument :
ECD_L
ClientSampleId :
ICVPL122324

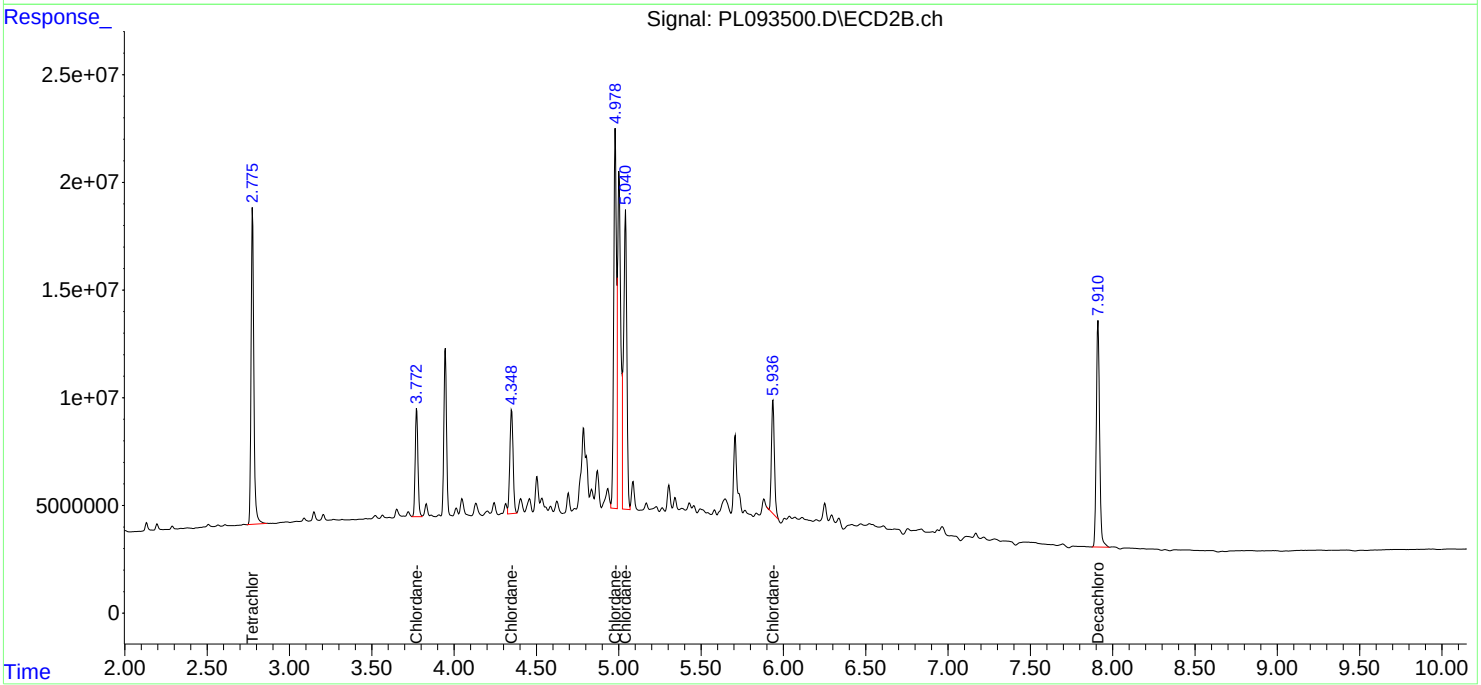
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:22:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:21:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 17:46
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL122324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:03:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:01:13 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.541	2.777	114.8E6	140.7E6	47.070	47.321
7) SA	Decachlor...	9.055	7.912	86869975	144.5E6	48.052	47.528
	Target Compounds						
2)	Toxaphene-1	6.237	5.005	10674059	11688018	468.883	502.861
3)	Toxaphene-2	6.441	5.328	7109265	10489494	465.484	459.917
4)	Toxaphene-3	7.059	5.687	33316893	11222149	455.623	446.050
5)	Toxaphene-4	7.149	6.601	25149615	36213493	460.817	443.930
6)	Toxaphene-5	7.934	7.042	18517214	33961053	449.814	451.323

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

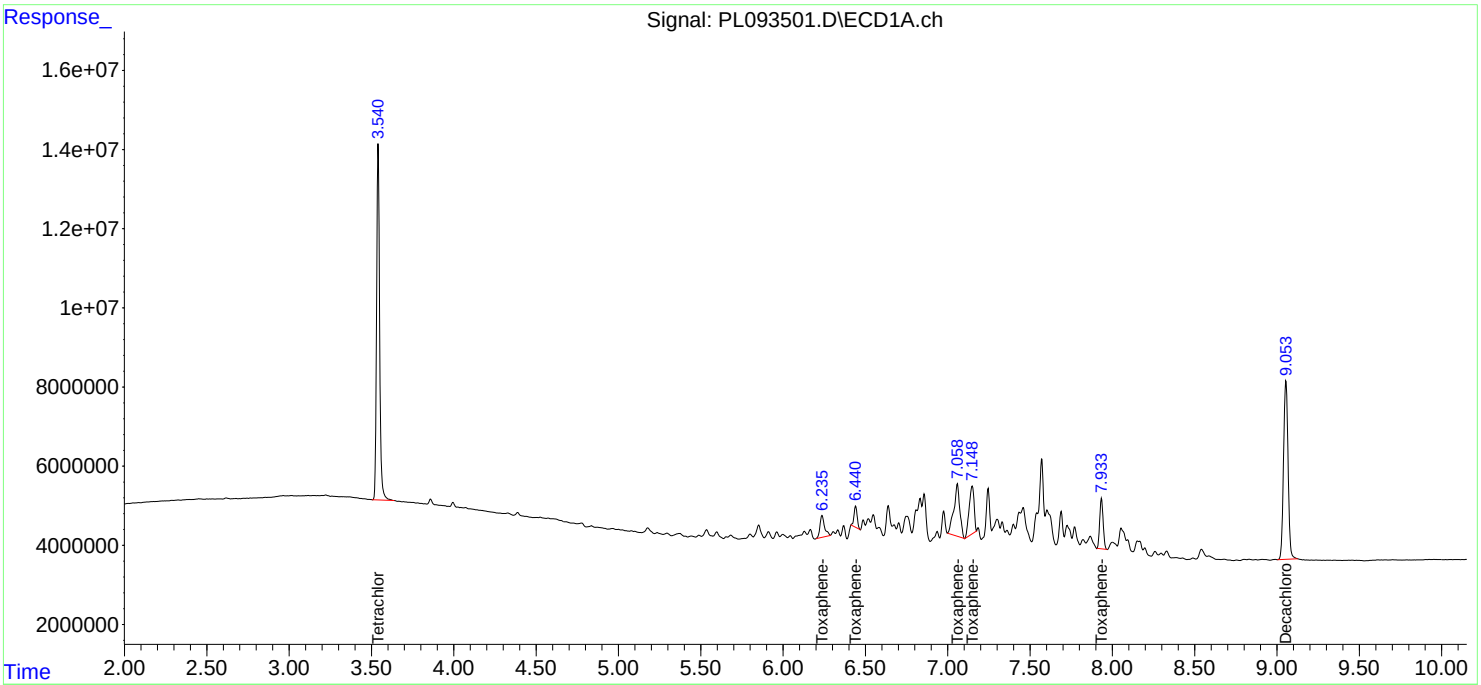
ICAL Form

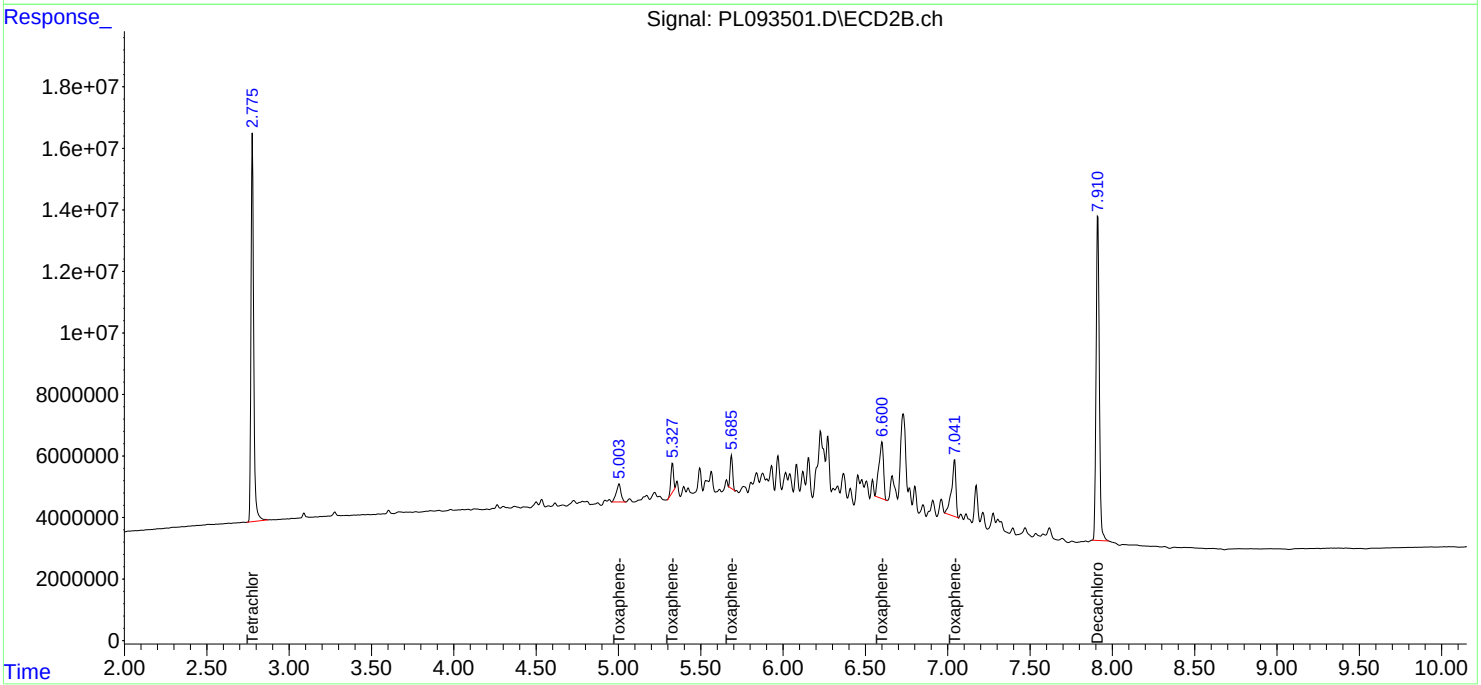
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 17:46
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL122324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:03:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:01:13 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.25µm





Raw Data: **PL093516.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Continuing Calib Date: 12/26/2024 **Initial Calibration Date(s):** 12/23/2024 12/23/2024

Continuing Calib Time: 12:07 **Initial Calibration Time(s):** 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.72	6.71	6.61	6.81	-0.01
4,4'-DDT	7.03	7.03	6.93	7.13	0.00

Raw Data: **PL093516.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Continuing Calib Date: 12/26/2024 **Initial Calibration Date(s):** 12/23/2024 12/23/2024

Continuing Calib Time: 12:07 **Initial Calibration Time(s):** 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Dieldrin	5.37	5.36	5.26	5.46	-0.01
4,4'-DDE	5.24	5.23	5.13	5.33	-0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00

Raw Data: **PL093516.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 12/26/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093516.D **Time Analyzed:** 12:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.719	6.611	6.811	52.470	50.000	4.9
4,4'-DDE	6.202	6.094	6.294	53.250	50.000	6.5
4,4'-DDT	7.033	6.925	7.125	55.070	50.000	10.1
Aldrin	5.267	5.159	5.359	52.220	50.000	4.4
Decachlorobiphenyl	9.065	8.956	9.156	54.640	50.000	9.3
Dieldrin	6.354	6.246	6.446	53.020	50.000	6.0
Tetrachloro-m-xylene	3.548	3.442	3.642	50.880	50.000	1.8

Raw Data: **PL093516.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 12/26/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093516.D **Time Analyzed:** 12:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.789	5.688	5.888	56.140	50.000	12.3
4,4'-DDE	5.235	5.133	5.333	53.970	50.000	7.9
4,4'-DDT	6.040	5.937	6.137	58.000	50.000	16.0
Aldrin	4.229	4.128	4.328	52.000	50.000	4.0
Decachlorobiphenyl	7.915	7.812	8.012	57.100	50.000	14.2
Dieldrin	5.366	5.264	5.464	51.400	50.000	2.8
Tetrachloro-m-xylene	2.777	2.677	2.877	50.790	50.000	1.6

Quantitation Report (QT Reviewed)

Sample Results: **PL093516.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.548	2.777	126.0E6	147.8E6	50.876	50.786
28)	SA Decachlor...	9.065	7.915	101.0E6	170.5E6	54.636	57.103
	Target Compounds						
2)	A alpha-BHC	4.005	3.280	179.6E6	224.9E6	52.017	51.742
3)	MA gamma-BHC...	4.338	3.611	170.9E6	218.1E6	52.121	51.693
4)	MA Heptachlor	4.926	3.949	154.7E6	216.9E6	52.823	52.195
5)	MB Aldrin	5.267	4.229	151.9E6	213.3E6	52.223	51.998
6)	B beta-BHC	4.535	3.911	72239382	90171549	50.111	50.165
7)	B delta-BHC	4.783	4.139	162.9E6	220.2E6	53.206	52.064
8)	B Heptachlo...	5.693	4.732	137.2E6	199.1E6	52.097	51.991
9)	A Endosulfan I	6.079	5.101	125.1E6	187.0E6	53.020	53.533
10)	B gamma-Chl...	5.949	4.982	132.5E6	206.0E6	52.737	53.455
11)	B alpha-Chl...	6.028	5.046	134.0E6	203.0E6	53.525	53.310
12)	B 4,4'-DDE	6.202	5.235	119.5E6	198.5E6	53.245	53.974
13)	MA Dieldrin	6.354	5.366	132.3E6	198.1E6	53.020	51.399
14)	MA Endrin	6.584	5.641	111.4E6	182.9E6	51.736	55.277
15)	B Endosulfa...	6.803	5.936	114.8E6	180.9E6	50.512	55.677
16)	A 4,4'-DDD	6.719	5.789	92126587	158.9E6	52.465	56.140
17)	MA 4,4'-DDT	7.033	6.040	101.8E6	175.2E6	55.066	58.001
18)	B Endrin al...	6.934	6.116	93106844	147.3E6	52.468	54.699
19)	B Endosulfa...	7.168	6.338	107.9E6	174.9E6	53.444	55.456
20)	A Methoxychlor	7.509	6.615	55596231	90069079	55.614	55.956
21)	B Endrin ke...	7.653	6.844	121.7E6	200.1E6	54.221	54.967
22)	Mirex	8.125	7.023	100.4E6	161.4E6	53.730	52.799

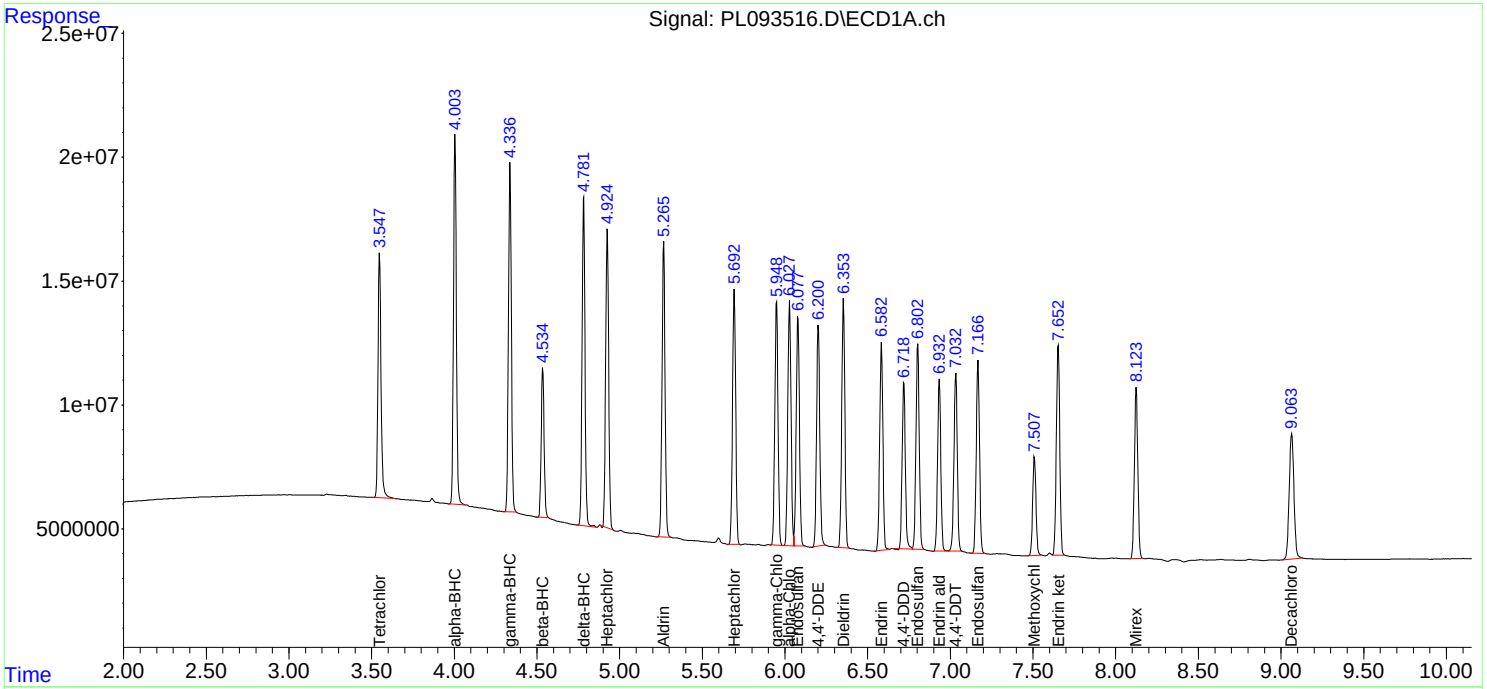
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

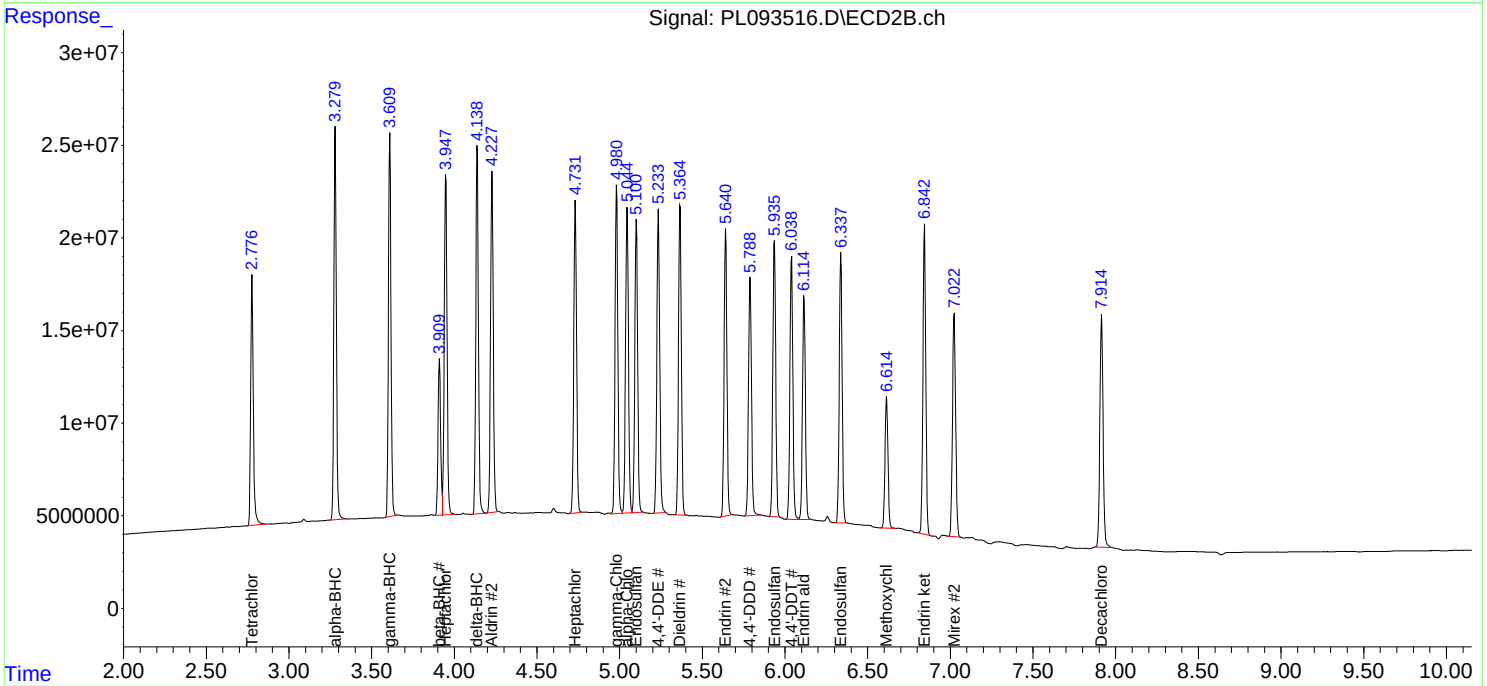
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL093526.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Continuing Calib Date: 12/26/2024 **Initial Calibration Date(s):** 12/23/2024 12/23/2024

Continuing Calib Time: 14:49 **Initial Calibration Time(s):** 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
4,4'-DDT	7.02	7.03	6.93	7.13	0.01

Raw Data: **PL093526.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Continuing Calib Date: 12/26/2024 **Initial Calibration Date(s):** 12/23/2024 12/23/2024

Continuing Calib Time: 14:49 **Initial Calibration Time(s):** 13:15 14:09

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Dieldrin	5.36	5.36	5.26	5.46	0.00
4,4'-DDE	5.23	5.23	5.13	5.33	0.00
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00

Raw Data: **PL093526.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 12/26/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093526.D **Time Analyzed:** 14:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.711	6.611	6.811	54.250	50.000	8.5
4,4'-DDE	6.194	6.094	6.294	53.270	50.000	6.5
4,4'-DDT	7.024	6.925	7.125	54.770	50.000	9.5
Aldrin	5.259	5.159	5.359	52.070	50.000	4.1
Decachlorobiphenyl	9.056	8.956	9.156	52.190	50.000	4.4
Dieldrin	6.345	6.246	6.446	52.070	50.000	4.1
Tetrachloro-m-xylene	3.540	3.442	3.642	51.770	50.000	3.5

Raw Data: **PL093526.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 12/26/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093526.D **Time Analyzed:** 14:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.787	5.688	5.888	56.180	50.000	12.4
4,4'-DDE	5.232	5.133	5.333	54.560	50.000	9.1
4,4'-DDT	6.037	5.937	6.137	56.650	50.000	13.3
Aldrin	4.227	4.128	4.328	54.060	50.000	8.1
Decachlorobiphenyl	7.912	7.812	8.012	54.840	50.000	9.7
Dieldrin	5.363	5.264	5.464	53.810	50.000	7.6
Tetrachloro-m-xylene	2.775	2.677	2.877	52.820	50.000	5.6

Quantitation Report (QT Reviewed)

Sample Results: **PL093526.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:04:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA	Tetrachlo...	3.540	2.775	128.2E6	153.8E6	51.773	52.817
28)	SA	Decachlor...	9.056	7.912	96504107	163.7E6	52.192	54.836
		Target Compounds						
2)	A	alpha-BHC	3.996	3.278	180.3E6	234.0E6	52.211	53.837
3)	MA	gamma-BHC...	4.329	3.608	172.8E6	227.7E6	52.704	53.955
4)	MA	Heptachlor	4.917	3.947	154.2E6	225.6E6	52.664	54.286
5)	MB	Aldrin	5.259	4.227	151.5E6	221.8E6	52.069	54.061
6)	B	beta-BHC	4.527	3.908	76023620	96553106	52.736	53.716
7)	B	delta-BHC	4.774	4.137	164.9E6	234.0E6	53.834	55.336
8)	B	Heptachlo...	5.685	4.729	136.4E6	203.3E6	51.791	53.104
9)	A	Endosulfan I	6.071	5.099	122.6E6	184.9E6	51.963	52.909
10)	B	gamma-Chl...	5.941	4.979	130.3E6	207.3E6	51.849	53.793
11)	B	alpha-Chl...	6.020	5.043	130.6E6	204.3E6	52.172	53.660
12)	B	4,4'-DDE	6.194	5.232	119.5E6	200.6E6	53.270	54.565
13)	MA	Dieldrin	6.345	5.363	129.9E6	207.4E6	52.074	53.812
14)	MA	Endrin	6.576	5.639	112.7E6	182.2E6	52.340	55.080
15)	B	Endosulfa...	6.795	5.934	113.1E6	178.8E6	49.753	55.047
16)	A	4,4'-DDD	6.711	5.787	95255737	159.0E6	54.247	56.183
17)	MA	4,4'-DDT	7.024	6.037	101.2E6	171.1E6	54.769	56.649
18)	B	Endrin al...	6.925	6.113	91637982	143.7E6	51.641	53.349
19)	B	Endosulfa...	7.160	6.335	105.7E6	171.2E6	52.341	54.284
20)	A	Methoxychlor	7.501	6.612	55867221	90355821	55.885	56.134
21)	B	Endrin ke...	7.645	6.840	118.1E6	196.4E6	52.614	53.959
22)		Mirex	8.117	7.021	94646278	158.4E6	50.648	51.810

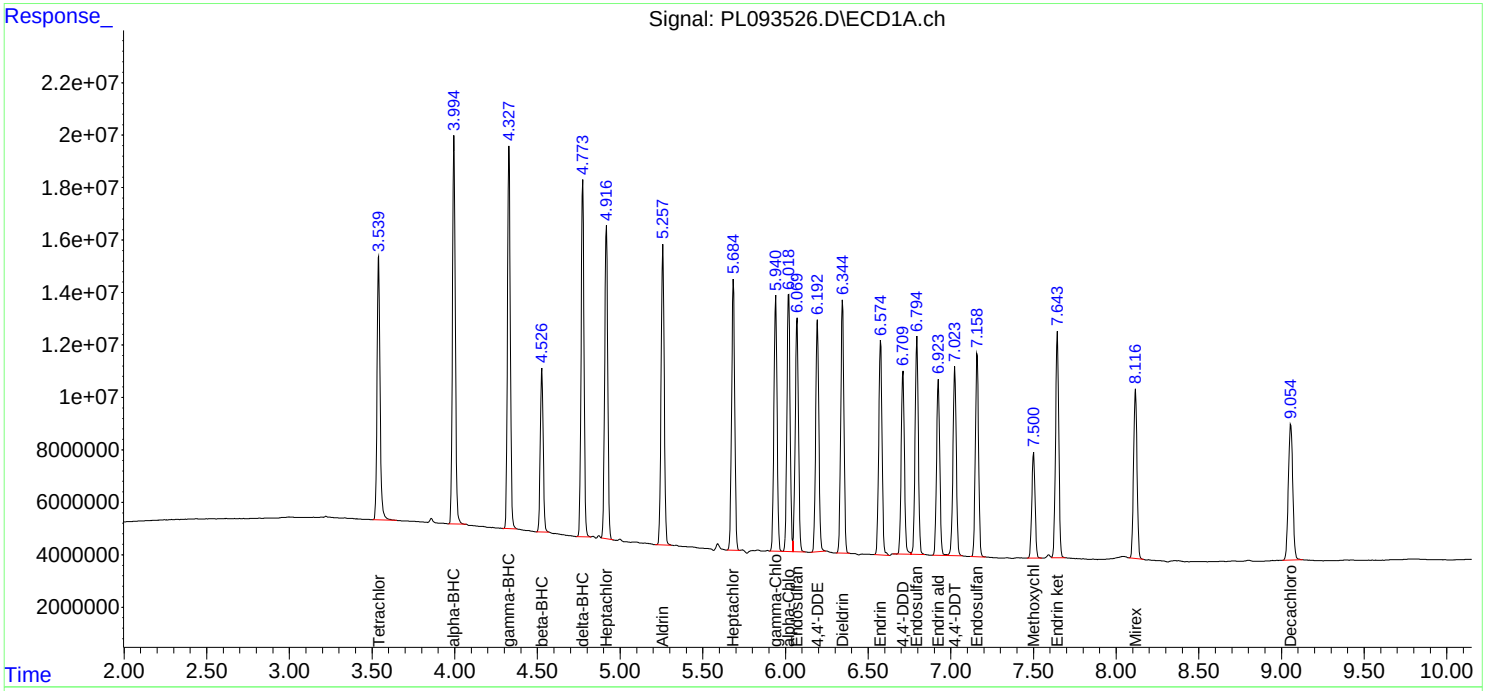
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

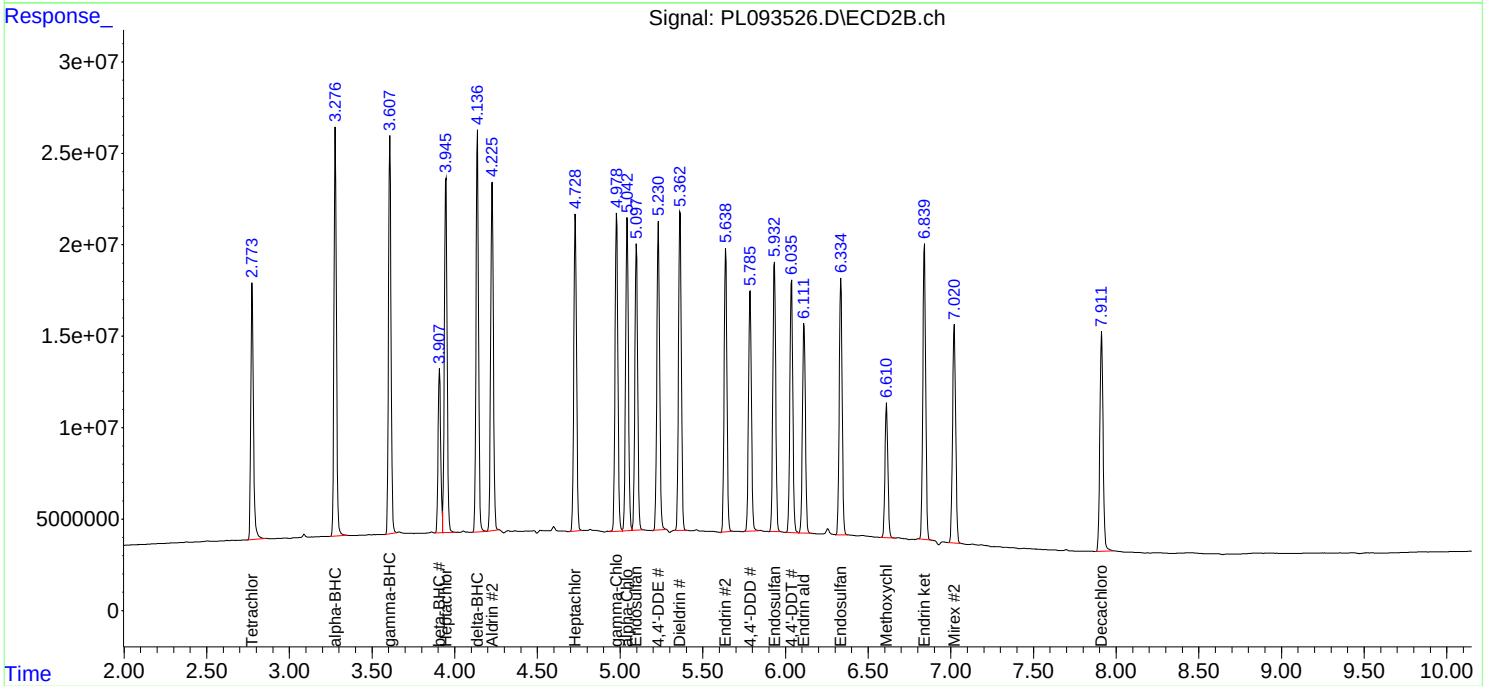
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:04:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No. (PEM): PEM - PL093482.D **Date Analyzed:** 12/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.054	8.950	9.150	19.460	20.000	-2.7
Tetrachloro-m-xylene	3.541	3.490	3.590	19.200	20.000	-4.0
alpha-BHC	3.997	3.950	4.050	9.900	10.000	-1.0
beta-BHC	4.528	4.480	4.580	9.800	10.000	-2.0
gamma-BHC (Lindane)	4.329	4.280	4.380	9.720	10.000	-2.8
Endrin	6.575	6.500	6.650	42.660	50.000	-14.7
4,4'-DDT	7.025	6.950	7.100	85.450	100.000	-14.6
Methoxychlor	7.501	7.430	7.570	195.970	250.000	-21.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No. (PEM): PEM - PL093482.D **Date Analyzed:** 12/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.912	7.810	8.010	18.580	20.000	-7.1
Tetrachloro-m-xylene	2.777	2.730	2.830	18.650	20.000	-6.8
alpha-BHC	3.280	3.230	3.330	8.850	10.000	-11.5
beta-BHC	3.910	3.860	3.960	9.830	10.000	-1.7
gamma-BHC (Lindane)	3.609	3.560	3.660	8.480	10.000	-15.2
Endrin	5.639	5.570	5.710	44.360	50.000	-11.3
4,4'-DDT	6.038	5.970	6.110	99.160	100.000	-0.8
Methoxychlor	6.612	6.540	6.680	219.190	250.000	-12.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 12:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:31:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.541	2.777	47536002	54294452	19.201	18.650
28)	SA Decachlor...	9.054	7.912	35989086	55472119	19.464	18.578
	Target Compounds						
2)	A alpha-BHC	3.997	3.280	34176583	38465322	9.899	8.849
3)	MA gamma-BHC...	4.329	3.609	31887544	35771899	9.724	8.478
6)	B beta-BHC	4.528	3.910	14127284	17662036	9.800	9.826
12)	B 4,4'-DDE	6.193	5.233	707104	399389	0.315m	0.109m#
14)	MA Endrin	6.575	5.639	91814867	146.7E6	42.656	44.355
16)	A 4,4'-DDD	6.712	5.788	2168081	3587757	1.235	1.268
17)	MA 4,4'-DDT	7.025	6.038	158.0E6	299.5E6	85.448	99.158
18)	B Endrin al...	6.925	6.113	2485458	5257887	1.401	1.952 #
20)	A Methoxychlor	7.501	6.612	195.9E6	352.8E6	195.970	219.193
21)	B Endrin ke...	7.643	6.839	4824418	7953250	2.150	2.185m

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

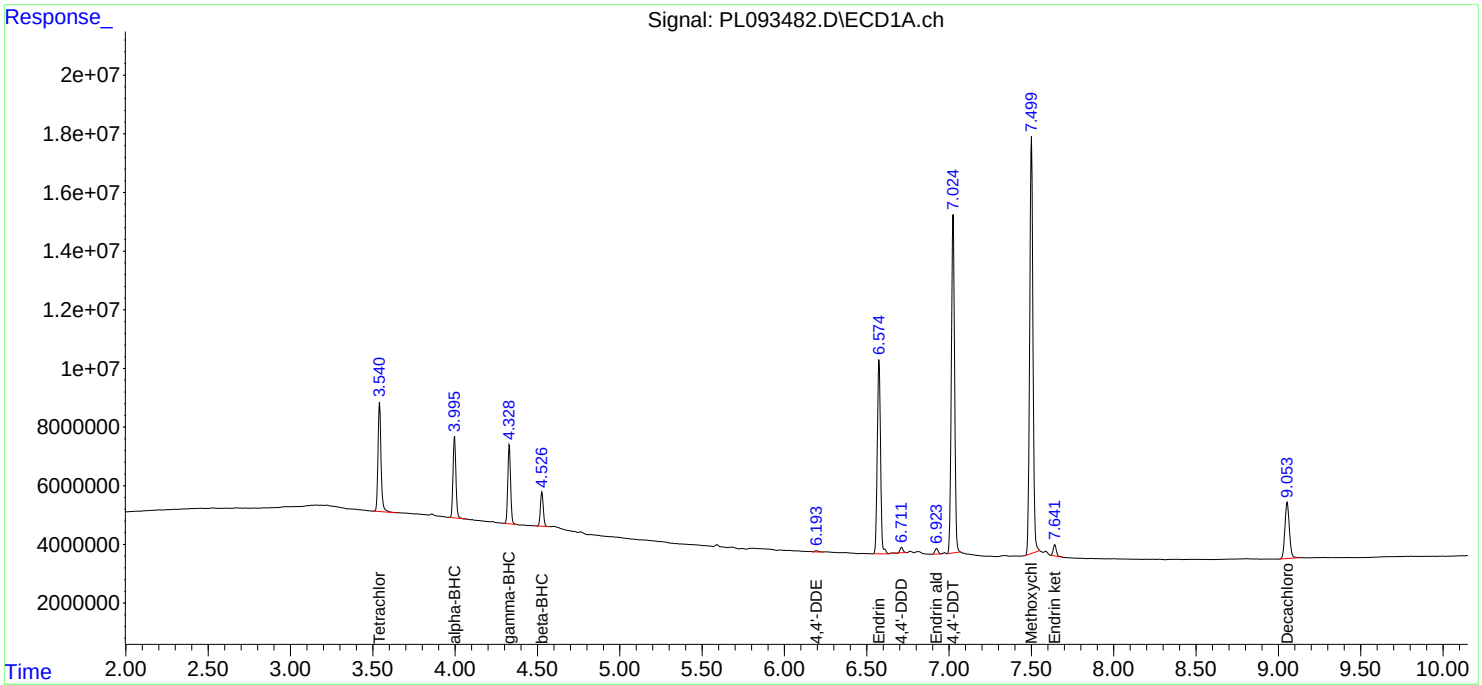
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 12:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

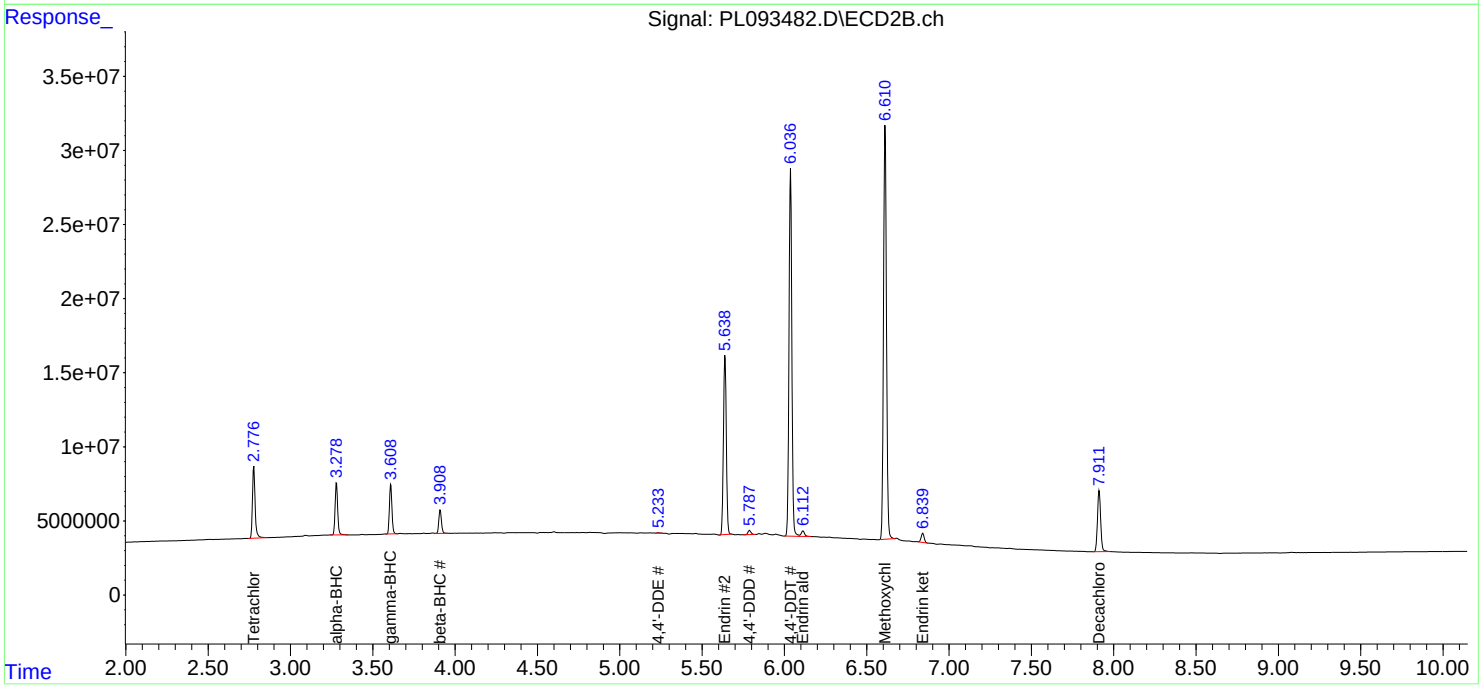
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:31:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No. (PEM): PEM - PL093515.D **Date Analyzed:** 12/26/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.055	8.950	9.160	23.450	20.000	17.3
Tetrachloro-m-xylene	3.539	3.490	3.590	21.970	20.000	9.9
alpha-BHC	3.994	3.940	4.040	11.630	10.000	16.3
beta-BHC	4.526	4.480	4.580	12.130	10.000	21.3
gamma-BHC (Lindane)	4.327	4.280	4.380	11.400	10.000	14.0
Endrin	6.575	6.500	6.650	50.530	50.000	1.1
4,4'-DDT	7.025	6.950	7.100	104.030	100.000	4.0
Methoxychlor	7.501	7.430	7.570	238.050	250.000	-4.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 12/23/2024 12/23/2024

Client Sample No. (PEM): PEM - PL093515.D **Date Analyzed:** 12/26/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.912	7.810	8.010	23.130	20.000	15.7
Tetrachloro-m-xylene	2.774	2.720	2.820	20.250	20.000	1.3
alpha-BHC	3.277	3.230	3.330	9.970	10.000	-0.3
beta-BHC	3.908	3.860	3.960	10.990	10.000	9.9
gamma-BHC (Lindane)	3.607	3.560	3.660	9.630	10.000	-3.7
Endrin	5.638	5.570	5.710	51.930	50.000	3.9
4,4'-DDT	6.037	5.970	6.110	117.700	100.000	17.7
Methoxychlor	6.612	6.540	6.680	261.100	250.000	4.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 11:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.539	2.774	54401953	58958935	21.974	20.252
28) SA	Decachlor...	9.055	7.912	43362095	69063962	23.451	23.130
	Target Compounds						
2) A	alpha-BHC	3.994	3.277	40156056	43358300	11.631	9.975
3) MA	gamma-BHC...	4.327	3.607	37398040	40652051	11.404	9.635
6) B	beta-BHC	4.526	3.908	17483792	19751193	12.128	10.988
12) B	4,4'-DDE	6.192	5.236	541113	663297	0.241m	0.180m#
14) MA	Endrin	6.575	5.638	108.8E6	171.8E6	50.527	51.926
16) A	4,4'-DDD	6.711	5.788	2131083	2343880	1.214m	0.828 #
17) MA	4,4'-DDT	7.025	6.037	192.3E6	355.5E6	104.032	117.698
18) B	Endrin al...	6.925	6.112	2823015	5214438	1.591	1.936
20) A	Methoxychlor	7.501	6.612	238.0E6	420.3E6	238.047	261.103
21) B	Endrin ke...	7.643	6.840	5372218	7759806	2.394	2.132

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

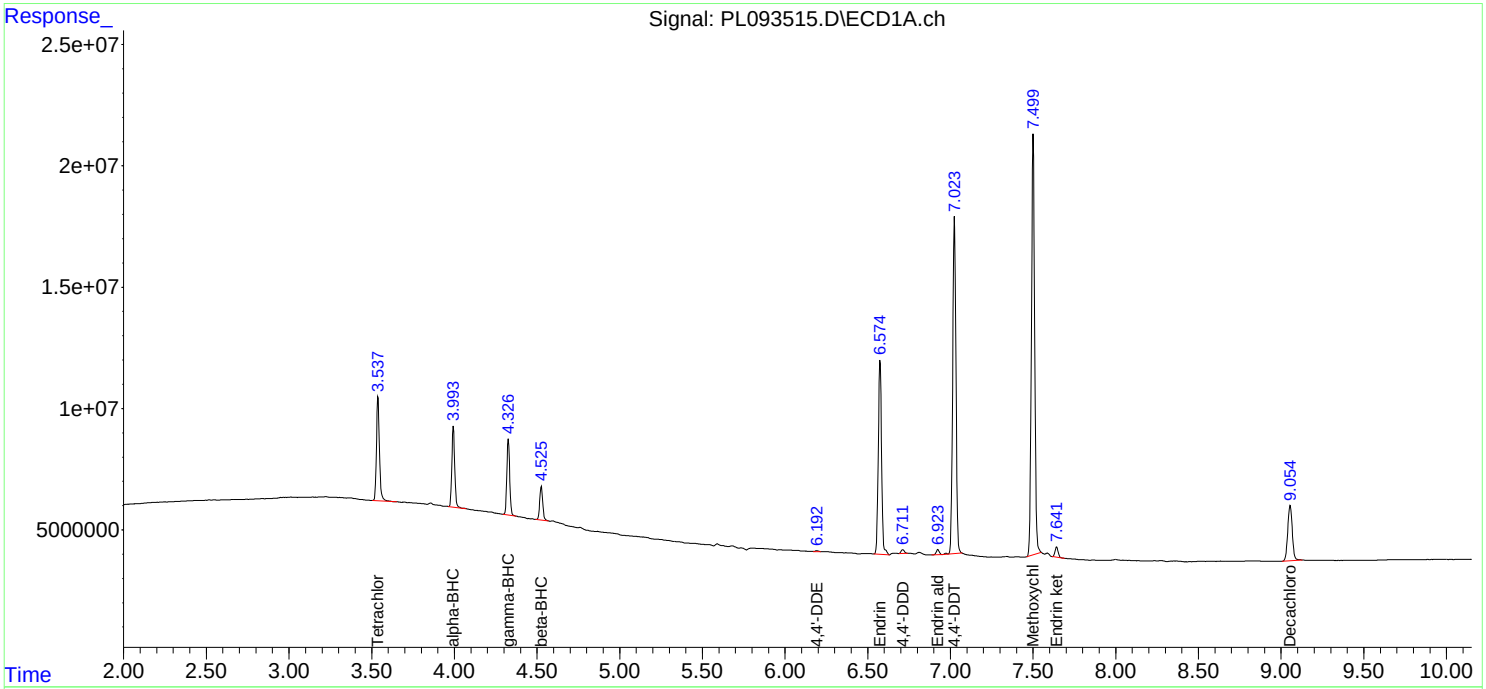
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 11:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

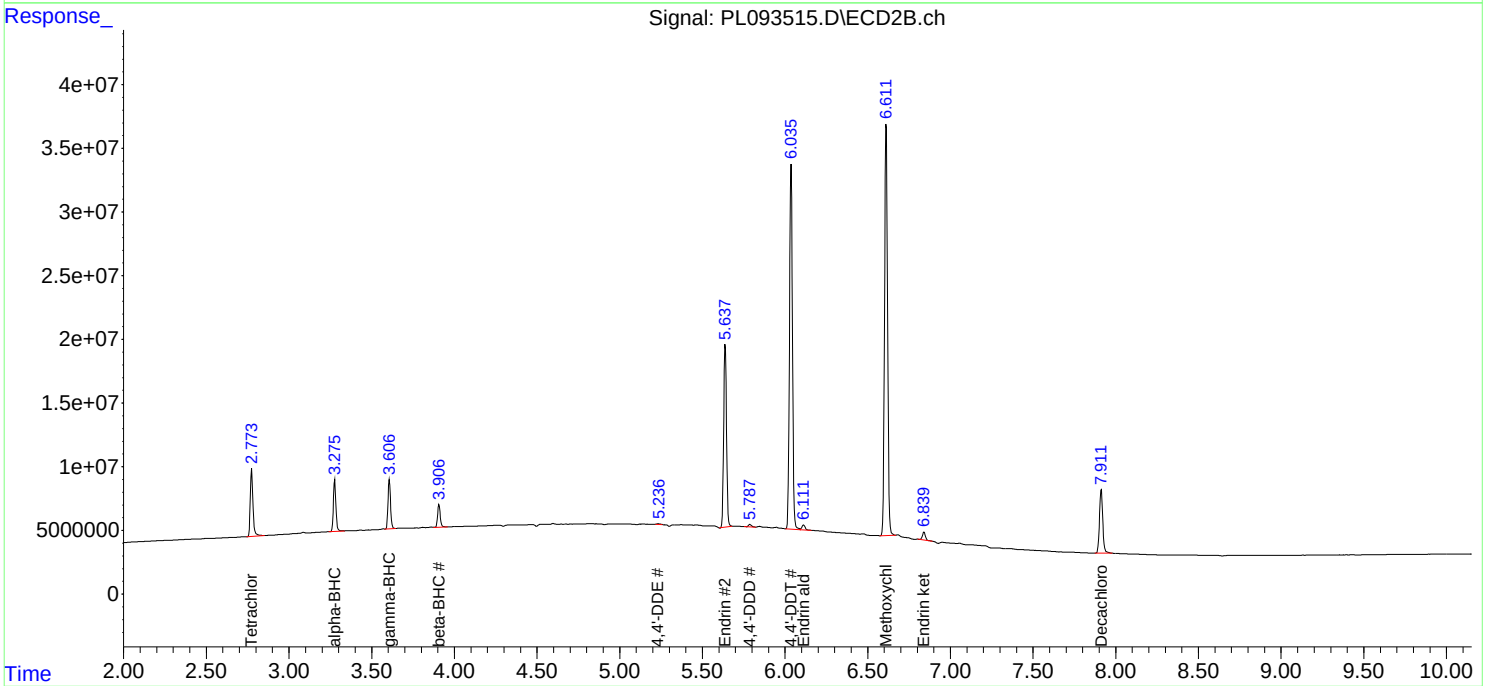
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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Analytical Sequence

Client: Kleinfelder **SDG No.:** P5382

Project: Comegys School **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/23/2024 12/23/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/23/2024	12:34	PL093481.D	9.06	3.54
PEM	PEM	12/23/2024	12:47	PL093482.D	9.05	3.54
RESCHK	RESCHK	12/23/2024	13:01	PL093483.D	9.06	3.54
PSTDICC100	PSTDICC100	12/23/2024	13:15	PL093484.D	9.06	3.54
PSTDICC075	PSTDICC075	12/23/2024	13:28	PL093485.D	9.06	3.54
PSTDICC050	PSTDICC050	12/23/2024	13:42	PL093486.D	9.06	3.54
PSTDICC025	PSTDICC025	12/23/2024	13:55	PL093487.D	9.05	3.54
PSTDICC005	PSTDICC005	12/23/2024	14:09	PL093488.D	9.05	3.54
PCHLORICC500	PCHLORICC500	12/23/2024	14:50	PL093491.D	9.06	3.54
PTOXICC500	PTOXICC500	12/23/2024	15:58	PL093496.D	9.06	3.54
I.BLK	I.BLK	12/26/2024	11:08	PL093514.D	9.06	3.54
PEM	PEM	12/26/2024	11:22	PL093515.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/26/2024	12:07	PL093516.D	9.07	3.55
PB165844BL	PB165844BL	12/26/2024	12:38	PL093517.D	9.06	3.55
PB165844BS	PB165844BS	12/26/2024	12:51	PL093518.D	9.06	3.54
COMP-1	P5382-01	12/26/2024	13:19	PL093520.D	9.05	3.54
COMP-2	P5382-02	12/26/2024	13:33	PL093521.D	9.05	3.54
COMP-3	P5382-03	12/26/2024	13:46	PL093522.D	9.05	3.54
COMP-3MS	P5382-03MS	12/26/2024	14:00	PL093523.D	9.05	3.54
COMP-3MSD	P5382-03MSD	12/26/2024	14:13	PL093524.D	9.05	3.54
I.BLK	I.BLK	12/26/2024	14:36	PL093525.D	9.06	3.55
PSTDCCC050	PSTDCCC050	12/26/2024	14:49	PL093526.D	9.06	3.54

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Analytical Sequence

Client: Kleinfelder **SDG No.:** P5382

Project: Comegys School **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 12/23/2024 12/23/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	12/23/2024	12:34	PL093481.D	7.91	2.78
PEM	PEM	12/23/2024	12:47	PL093482.D	7.91	2.78
RESCHK	RESCHK	12/23/2024	13:01	PL093483.D	7.91	2.78
PSTDICC100	PSTDICC100	12/23/2024	13:15	PL093484.D	7.91	2.78
PSTDICC075	PSTDICC075	12/23/2024	13:28	PL093485.D	7.91	2.78
PSTDICC050	PSTDICC050	12/23/2024	13:42	PL093486.D	7.91	2.78
PSTDICC025	PSTDICC025	12/23/2024	13:55	PL093487.D	7.91	2.78
PSTDICC005	PSTDICC005	12/23/2024	14:09	PL093488.D	7.91	2.78
PCHLORICC500	PCHLORICC500	12/23/2024	14:50	PL093491.D	7.91	2.78
PTOXICC500	PTOXICC500	12/23/2024	15:58	PL093496.D	7.91	2.78
I.BLK	I.BLK	12/26/2024	11:08	PL093514.D	7.91	2.77
PEM	PEM	12/26/2024	11:22	PL093515.D	7.91	2.77
PSTDCCC050	PSTDCCC050	12/26/2024	12:07	PL093516.D	7.92	2.78
PB165844BL	PB165844BL	12/26/2024	12:38	PL093517.D	7.92	2.78
PB165844BS	PB165844BS	12/26/2024	12:51	PL093518.D	7.91	2.78
COMP-1	P5382-01	12/26/2024	13:19	PL093520.D	7.91	2.77
COMP-2	P5382-02	12/26/2024	13:33	PL093521.D	7.91	2.77
COMP-3	P5382-03	12/26/2024	13:46	PL093522.D	7.91	2.77
COMP-3MS	P5382-03MS	12/26/2024	14:00	PL093523.D	7.91	2.77
COMP-3MSD	P5382-03MSD	12/26/2024	14:13	PL093524.D	7.91	2.77
I.BLK	I.BLK	12/26/2024	14:36	PL093525.D	7.92	2.78
PSTDCCC050	PSTDCCC050	12/26/2024	14:49	PL093526.D	7.91	2.78

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MS

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Lab Sample ID: P5382-03MS **Date(s) Analyzed:** 12/26/2024 12/26/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	22.7	0.4
	2	5.79	5.74	5.84	22.6	
4,4'-DDE	1	6.19	6.14	6.24	21.0	6.5
	2	5.23	5.18	5.28	22.4	
4,4'-DDT	1	7.02	6.97	7.07	23.4	2.5
	2	6.04	5.99	6.09	24.0	
Aldrin	1	5.26	5.21	5.31	20.5	2.4
	2	4.23	4.18	4.28	21.0	
Dieldrin	1	6.34	6.29	6.39	21.4	4.6
	2	5.36	5.31	5.41	22.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MSD

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Lab Sample ID: P5382-03MSD **Date(s) Analyzed:** 12/26/2024 12/26/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	22.4	0.9
	2	5.79	5.74	5.84	22.2	
4,4'-DDT	1	7.02	6.97	7.07	23.0	1.7
	2	6.04	5.99	6.09	23.4	
Aldrin	1	5.26	5.21	5.31	20.3	1.5
	2	4.23	4.18	4.28	20.6	
4,4'-DDE	1	6.19	6.14	6.24	20.8	5.6
	2	5.23	5.18	5.28	22.0	
Dieldrin	1	6.35	6.30	6.40	21.1	4.2
	2	5.36	5.31	5.41	22.0	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165844BS

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Lab Sample ID: PB165844BS **Date(s) Analyzed:** 12/26/2024 12/26/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	18.8	2.1
	2	5.79	5.74	5.84	19.2	
4,4'-DDT	1	7.03	6.98	7.08	19.7	2
	2	6.04	5.99	6.09	20.1	
Aldrin	1	5.26	5.21	5.31	17.3	0.6
	2	4.23	4.18	4.28	17.4	
4,4'-DDE	1	6.19	6.14	6.24	18.4	1.1
	2	5.23	5.18	5.28	18.6	
Dieldrin	1	6.35	6.30	6.40	18.3	2.2
	2	5.36	5.31	5.41	18.7	

QC SAMPLE DATA

Raw Data: **PL093517.D**

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165844BL	SDG No.:	P5382
Lab Sample ID:	PB165844BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093517.D	1	12/26/24 08:30	12/26/24 12:38	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.1		10 - 148	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		10 - 159	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093517.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:38
Operator : AR\AJ
Sample : PB165844BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165844BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:40:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.548	2.777	49067091	52902031	19.820	18.172
28)	SA Decachlor...	9.063	7.916	44474450	71078593	24.053	23.805
	Target Compounds						

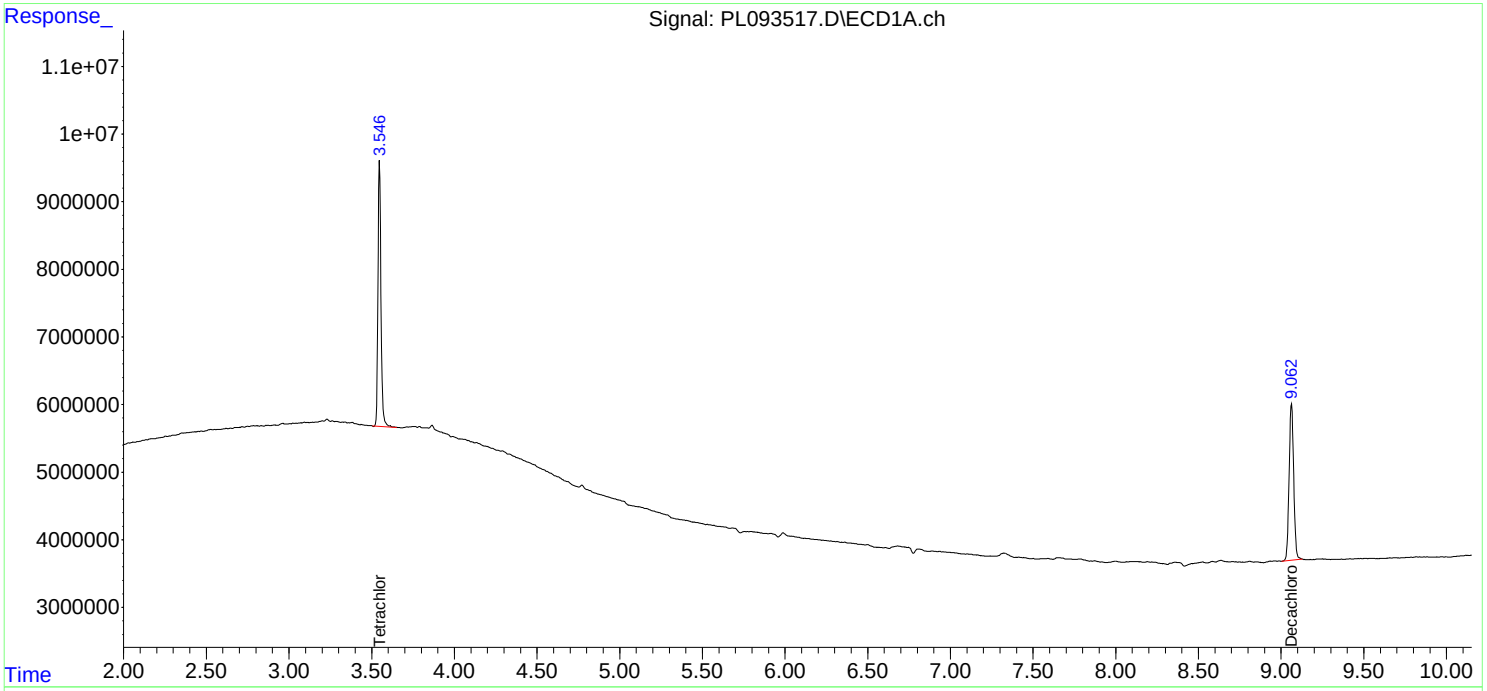
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

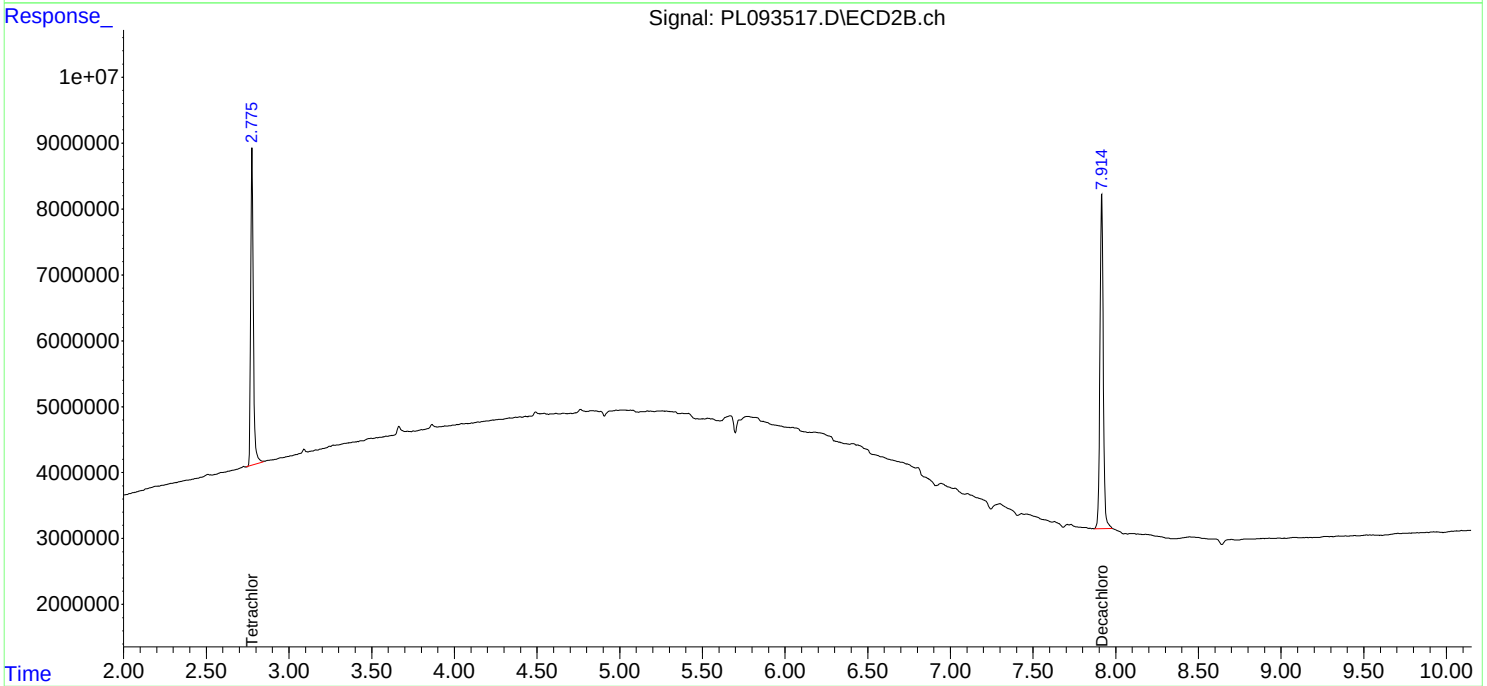
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:38
Operator : AR\AJ
Sample : PB165844BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

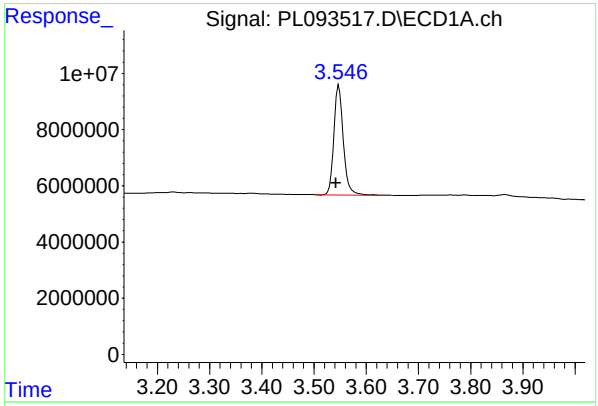
Instrument :
ECD_L
ClientSampleId :
PB165844BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:40:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



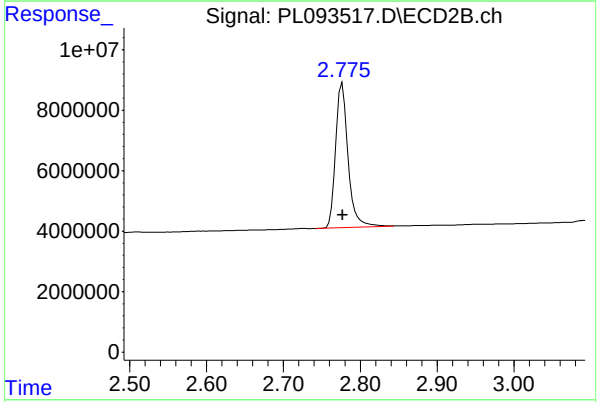




#1 Tetrachloro-m-xylene

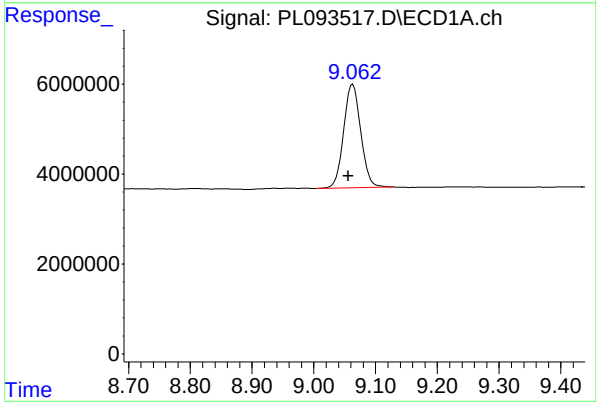
R.T.: 3.548 min
Delta R.T.: 0.006 min
Response: 49067091
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165844BL



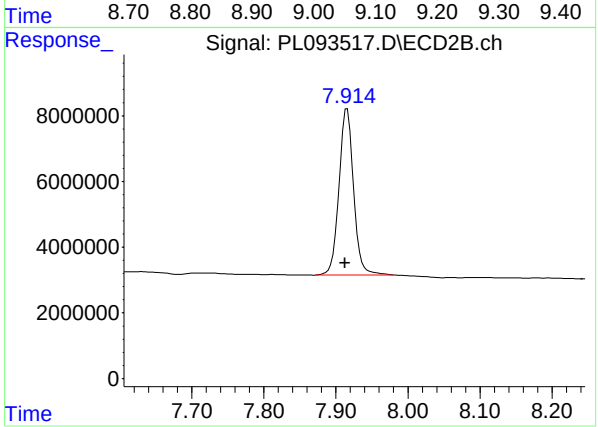
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 52902031
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.007 min
Response: 44474450
Conc: 24.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.003 min
Response: 71078593
Conc: 23.80 ng/ml

Raw Data: **PL093481.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/23/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	PIBLK-PL093481.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093481.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093481.D	1		12/23/24	PL122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		43 - 140	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		77 - 126	102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 12:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:31:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.542	2.778	50651566	57994359	20.460	19.921
28)	SA Decachlor...	9.055	7.912	40627812	63745441	21.973	21.349
	Target Compounds						

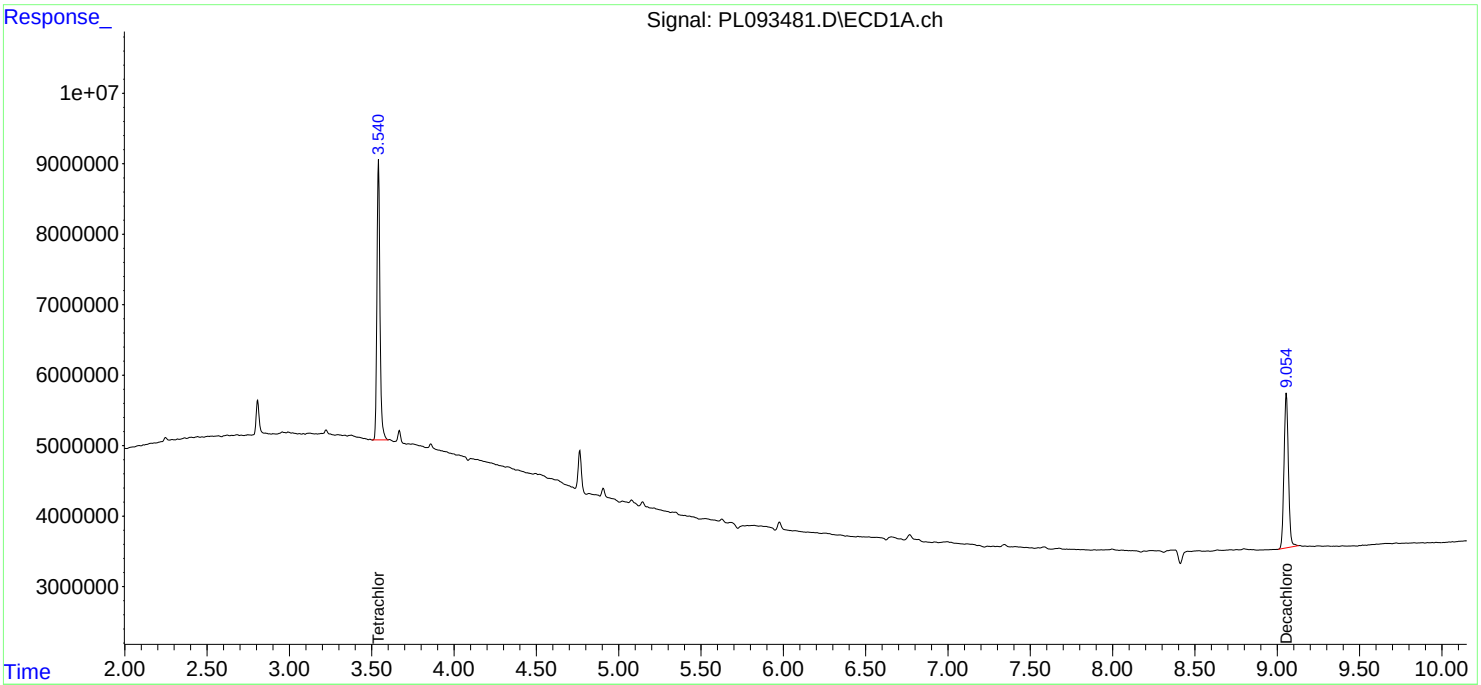
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

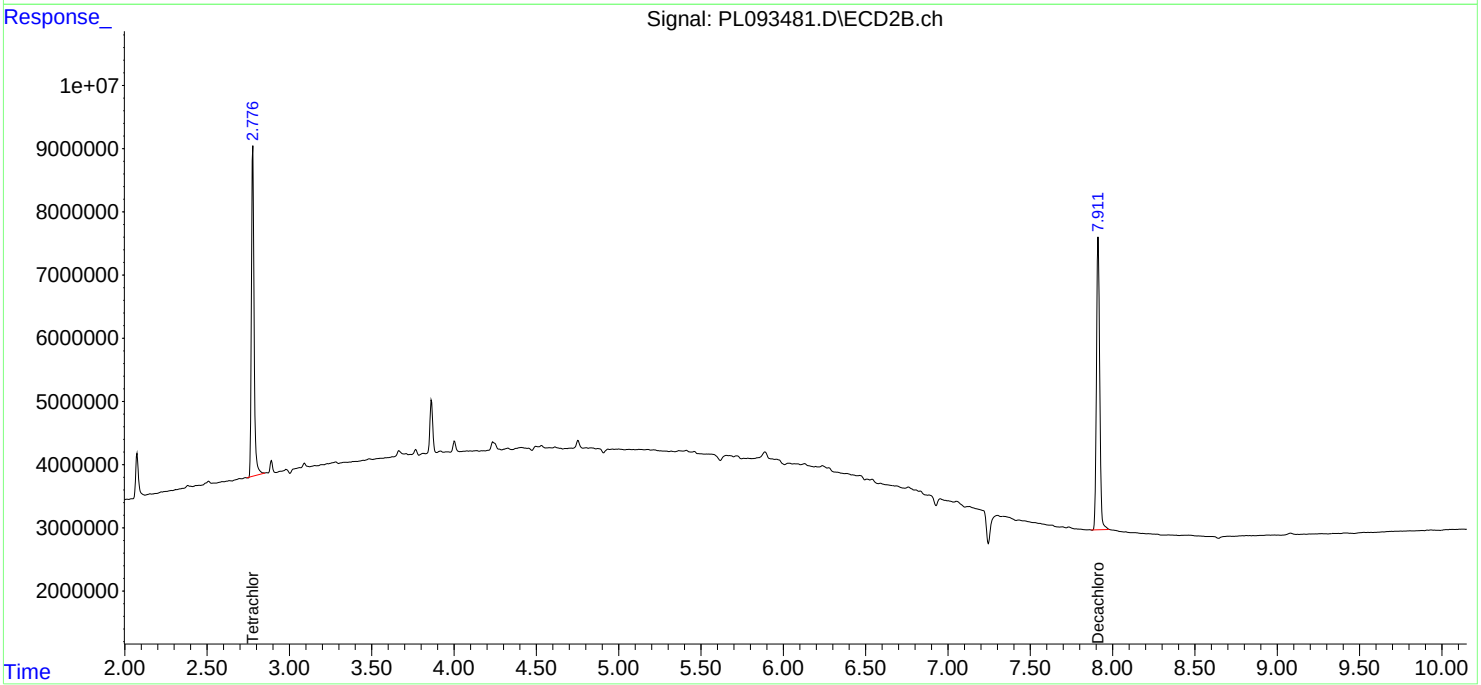
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 12:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

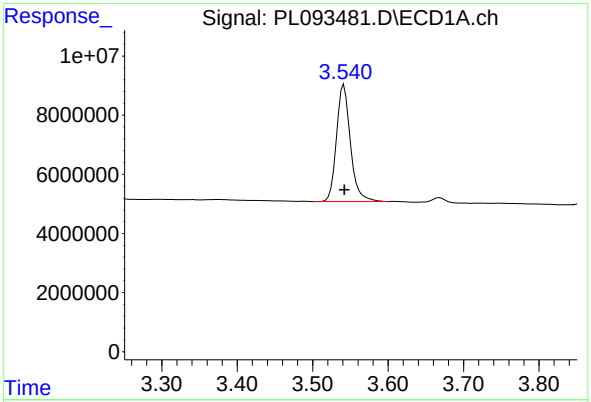
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 15:31:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



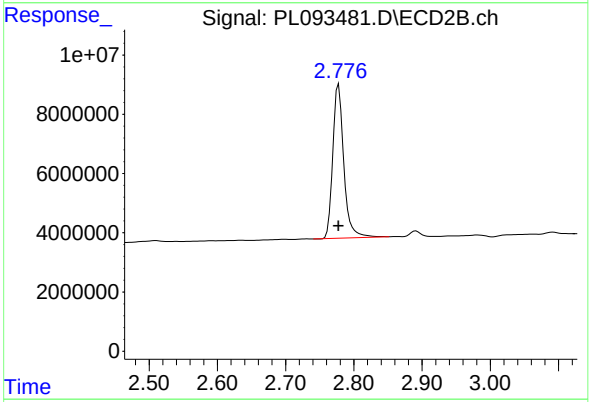




#1 Tetrachloro-m-xylene

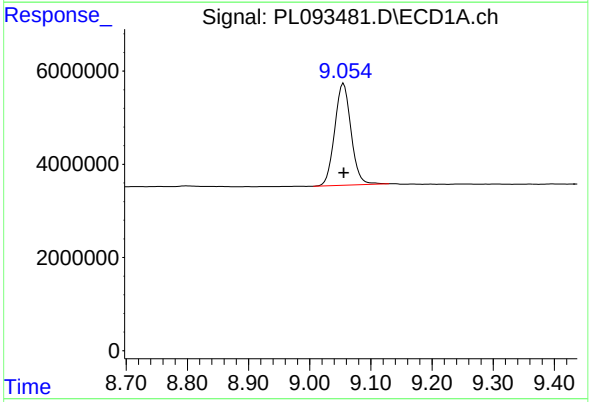
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 50651566
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



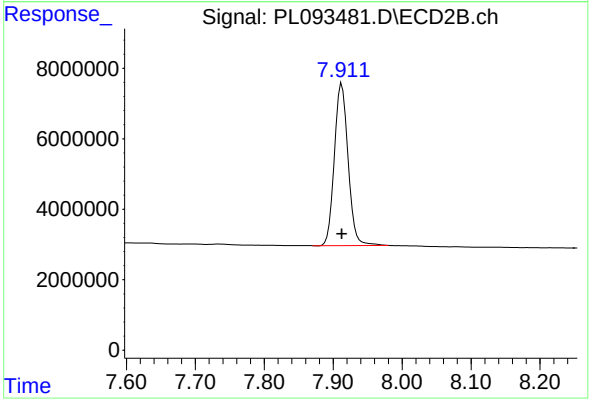
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 57994359
Conc: 19.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 40627812
Conc: 21.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 63745441
Conc: 21.35 ng/ml

Raw Data: **PL093514.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/26/24
Project:	Comegys School	Date Received:	12/26/24
Client Sample ID:	PIBLK-PL093514.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093514.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093514.D	1		12/26/24	pl122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		43 - 140	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		77 - 126	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093514.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 11:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.539	2.774	53239160	56754630	21.505	19.495
28)	SA Decachlor...	9.055	7.913	44373057	71060374	23.998	23.799
	Target Compounds						

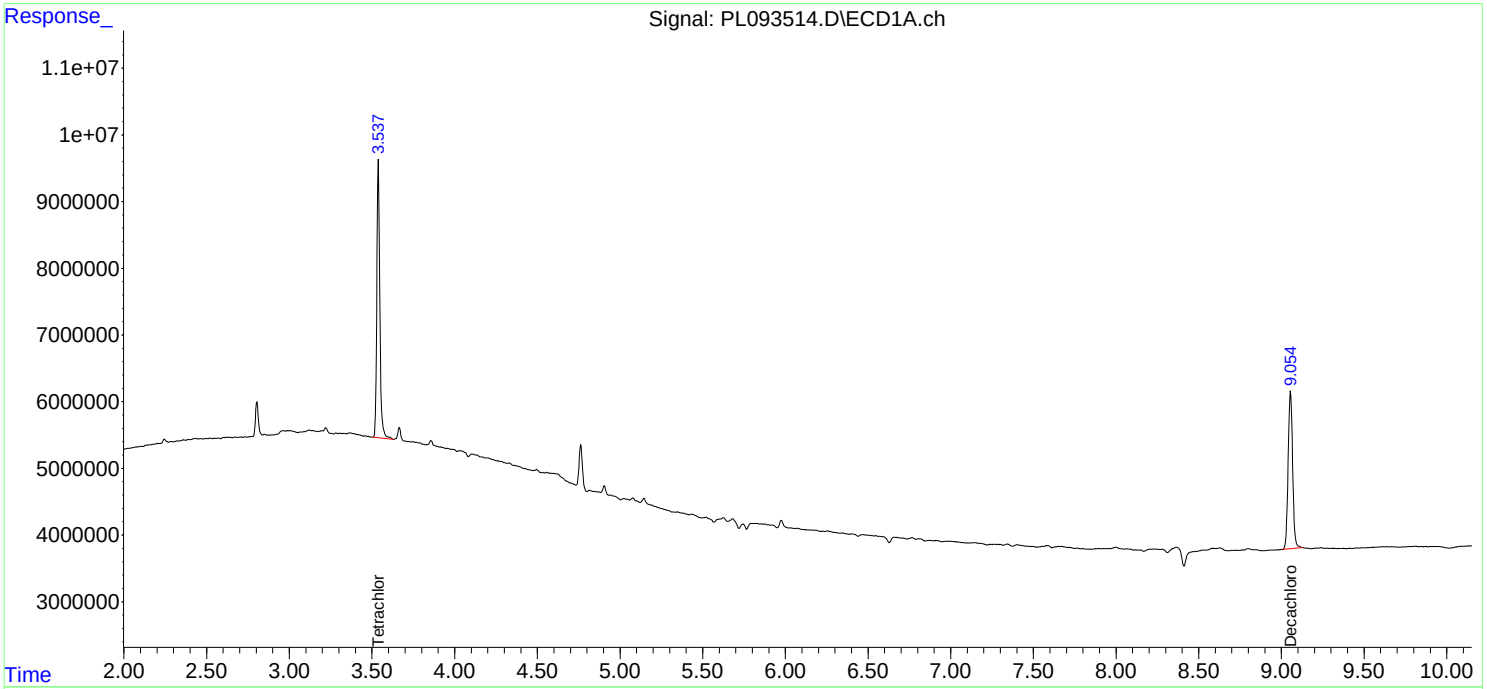
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

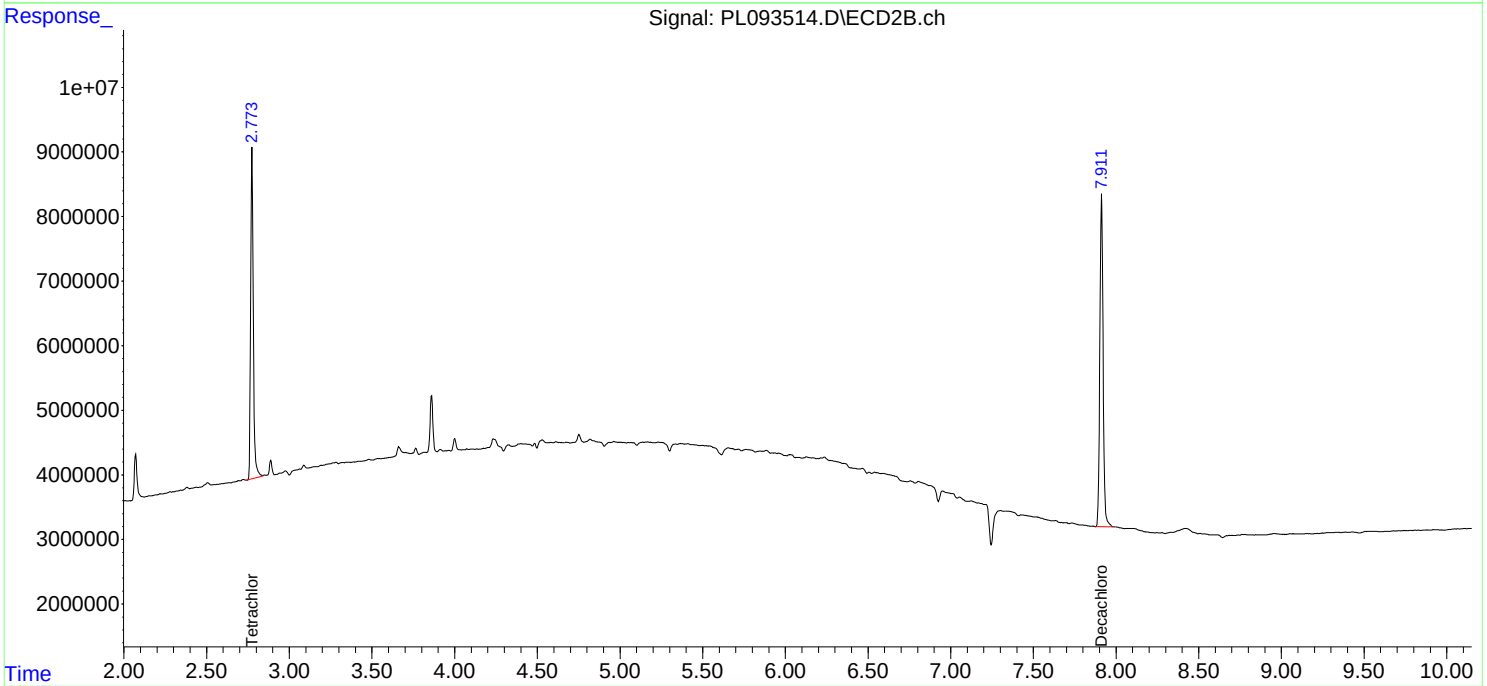
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 11:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

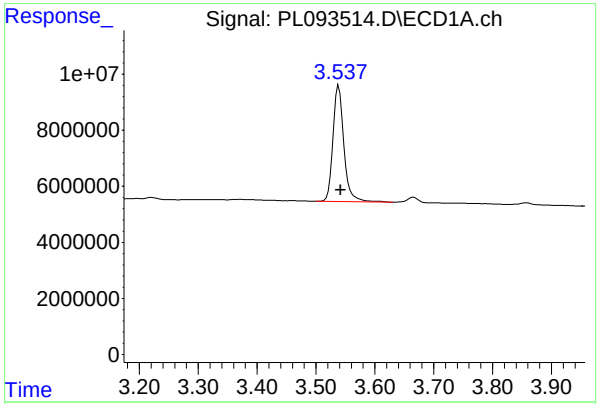
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:39:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



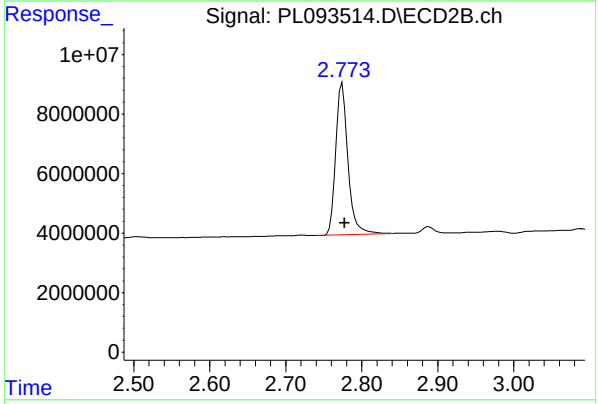




#1 Tetrachloro-m-xylene

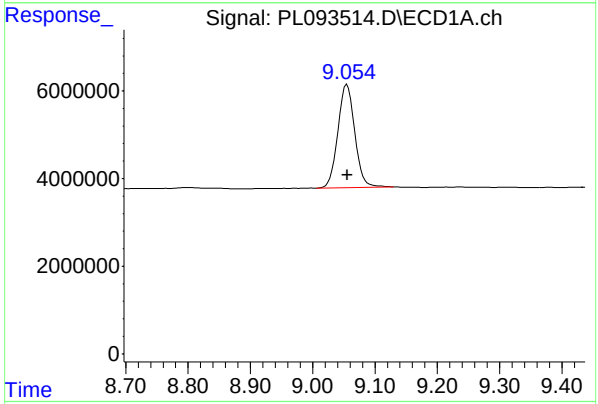
R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 53239160
Conc: 21.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



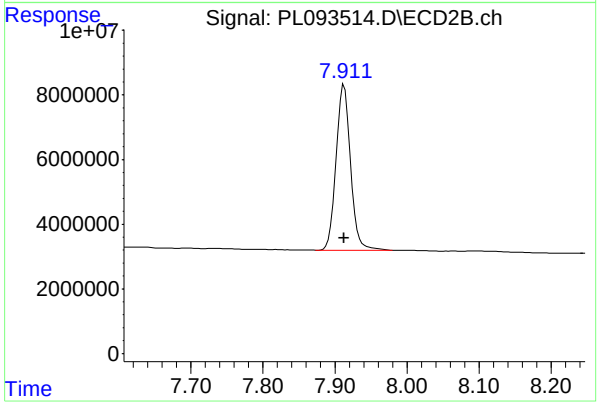
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.003 min
Response: 56754630
Conc: 19.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 44373057
Conc: 24.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 71060374
Conc: 23.80 ng/ml

Raw Data: **PL093525.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/26/24
Project:	Comegys School	Date Received:	12/26/24
Client Sample ID:	PIBLK-PL093525.D	SDG No.:	P5382
Lab Sample ID:	I.BLK-PL093525.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093525.D	1		12/26/24	pl122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		43 - 140	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		77 - 126	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093525.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:03:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.546	2.776	53699392	58572743	21.691	20.120
28)	SA Decachlor...	9.062	7.915	44346089	71144706	23.984	23.827
	Target Compounds						

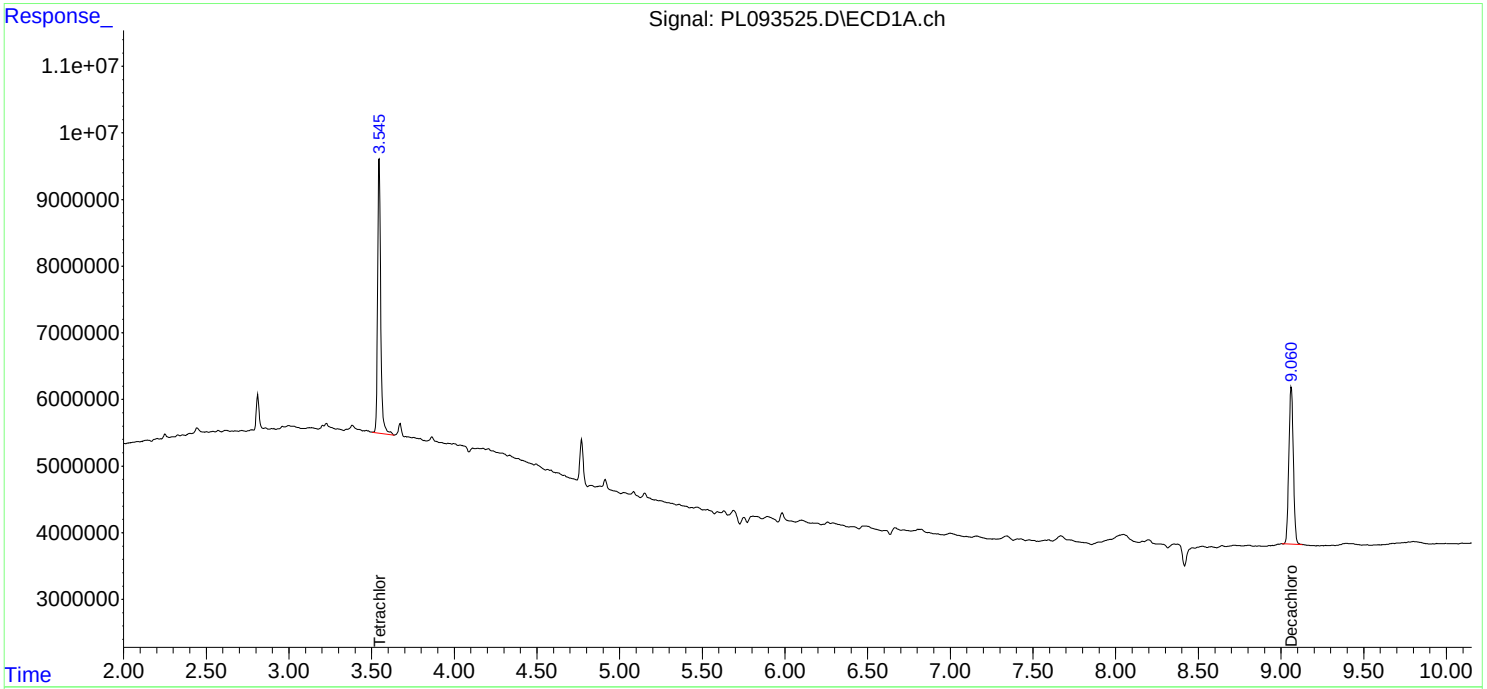
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

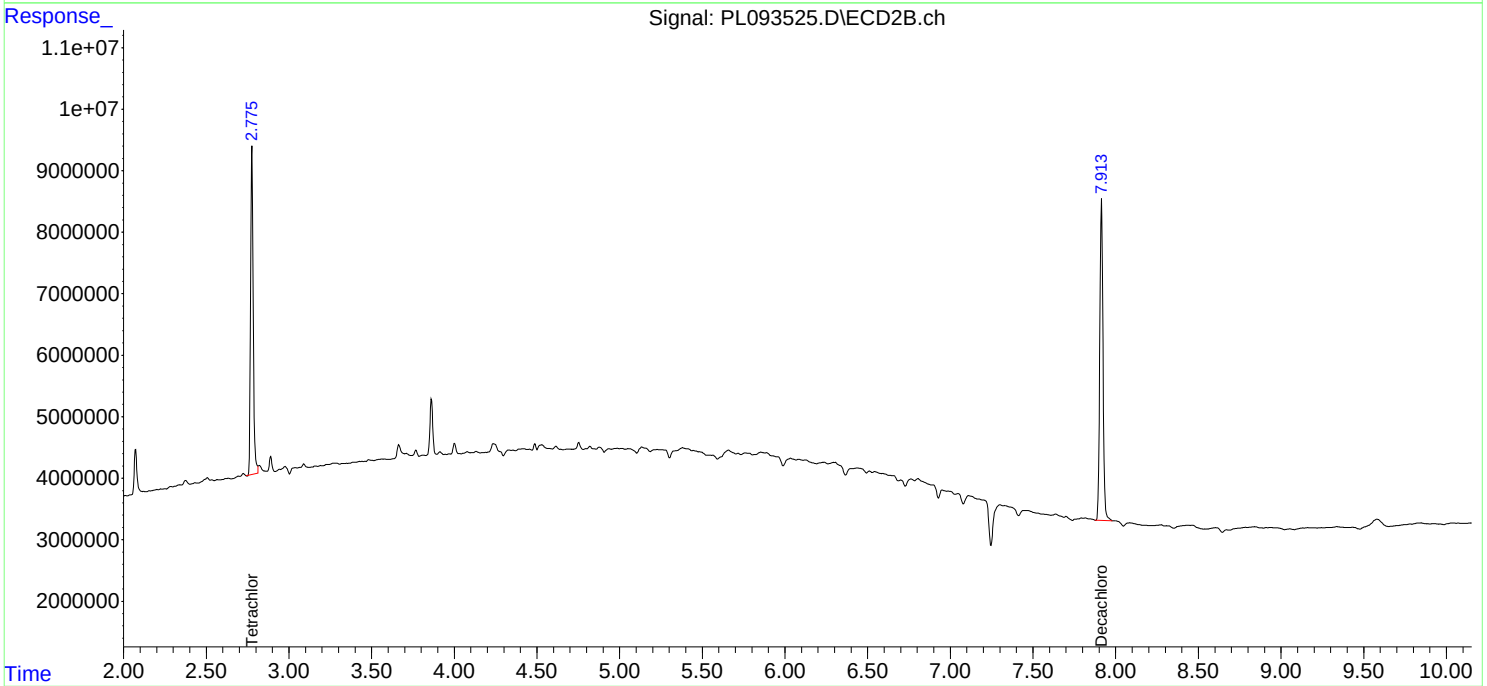
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

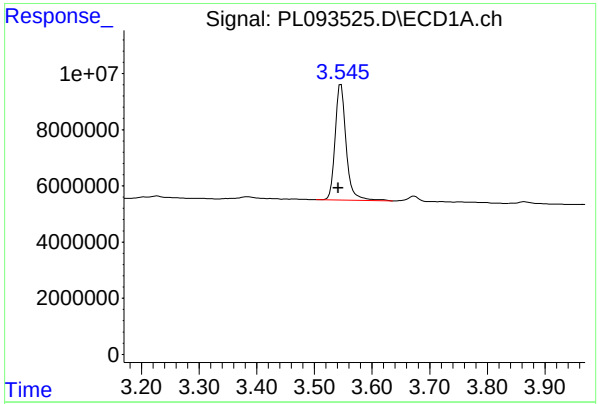
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:03:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



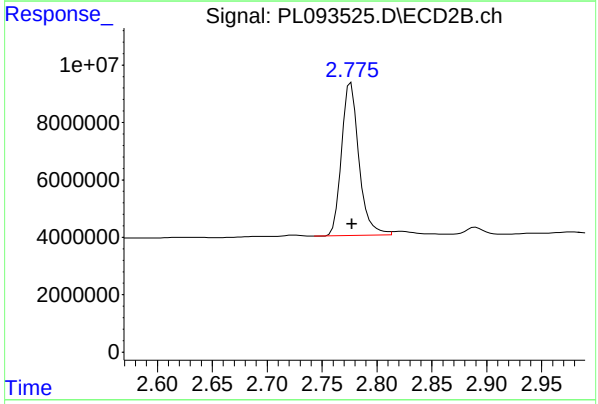




#1 Tetrachloro-m-xylene

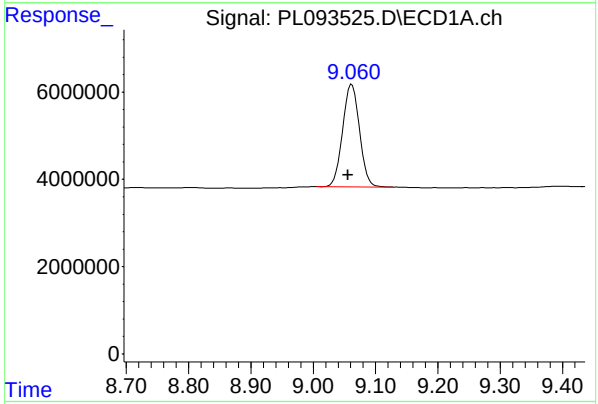
R.T.: 3.546 min
Delta R.T.: 0.004 mi
Response: 53699392
Conc: 21.69 ng/m

Instrument :
ECD_L
ClientSampleId :
I.BLK



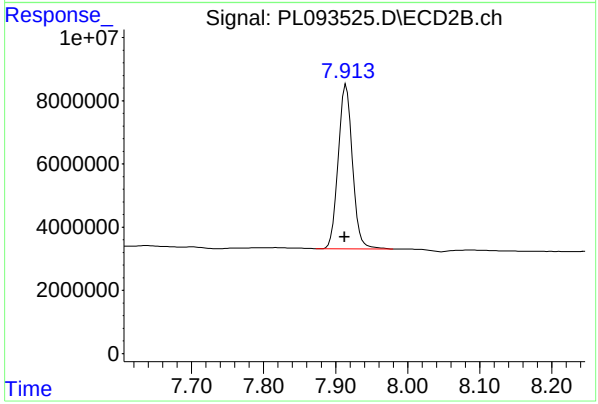
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 58572743
Conc: 20.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.006 min
Response: 44346089
Conc: 23.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.002 min
Response: 71144706
Conc: 23.83 ng/ml

Raw Data: **PL093518.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165844BS	SDG No.:	P5382
Lab Sample ID:	PB165844BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093518.D	1	12/26/24 08:30	12/26/24 12:51	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	17.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	18.7		0.15	1.70	ug/kg
72-55-9	4,4-DDE	18.6		0.13	1.70	ug/kg
72-54-8	4,4-DDD	19.2		0.19	1.70	ug/kg
50-29-3	4,4-DDT	20.1		0.17	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		10 - 148	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		10 - 159	105%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:51
Operator : AR\AJ
Sample : PB165844BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165844BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:40:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA	Tetrachlo...	3.540	2.775	51796663	55560381	20.922	19.085
28)	SA	Decachlor...	9.057	7.913	44252177	71108233	23.933	23.815
		Target Compounds						
2)	A	alpha-BHC	3.997	3.278	183.3E6	230.0E6	53.080	52.910
3)	MA	gamma-BHC...	4.330	3.608	172.1E6	219.0E6	52.480	51.910
4)	MA	Heptachlor	4.918	3.947	162.1E6	230.6E6	55.341	55.494
5)	MB	Aldrin	5.260	4.227	151.3E6	214.1E6	52.005	52.182
6)	B	beta-BHC	4.528	3.908	76950387	95141124	53.379	52.930
7)	B	delta-BHC	4.775	4.137	158.2E6	215.2E6	51.649	50.892
8)	B	Heptachlo...	5.686	4.729	139.7E6	207.4E6	53.026	54.178
9)	A	Endosulfan I	6.071	5.099	129.0E6	194.9E6	54.668	55.781
10)	B	gamma-Chl...	5.942	4.979	139.3E6	221.1E6	55.443	57.374
11)	B	alpha-Chl...	6.021	5.043	138.8E6	213.1E6	55.461	55.960
12)	B	4,4'-DDE	6.194	5.232	124.1E6	205.9E6	55.298	56.000
13)	MA	Dieldrin	6.347	5.363	136.8E6	215.9E6	54.825	56.023
14)	MA	Endrin	6.576	5.639	119.3E6	197.2E6	55.445	59.620
15)	B	Endosulfa...	6.797	5.934	119.8E6	191.0E6	52.707	58.793
16)	A	4,4'-DDD	6.713	5.786	99243484	163.4E6	56.518	57.720
17)	MA	4,4'-DDT	7.026	6.037	109.5E6	182.2E6	59.250	60.314
18)	B	Endrin al...	6.927	6.113	93203824	145.7E6	52.523	54.089
19)	B	Endosulfa...	7.161	6.336	111.2E6	181.4E6	55.092	57.507
20)	A	Methoxychlor	7.502	6.612	57054205	92639111	57.073	57.553
21)	B	Endrin ke...	7.646	6.841	123.8E6	206.3E6	55.185	56.677
22)		Mirex	8.119	7.021	97557554	157.1E6	52.206	51.388

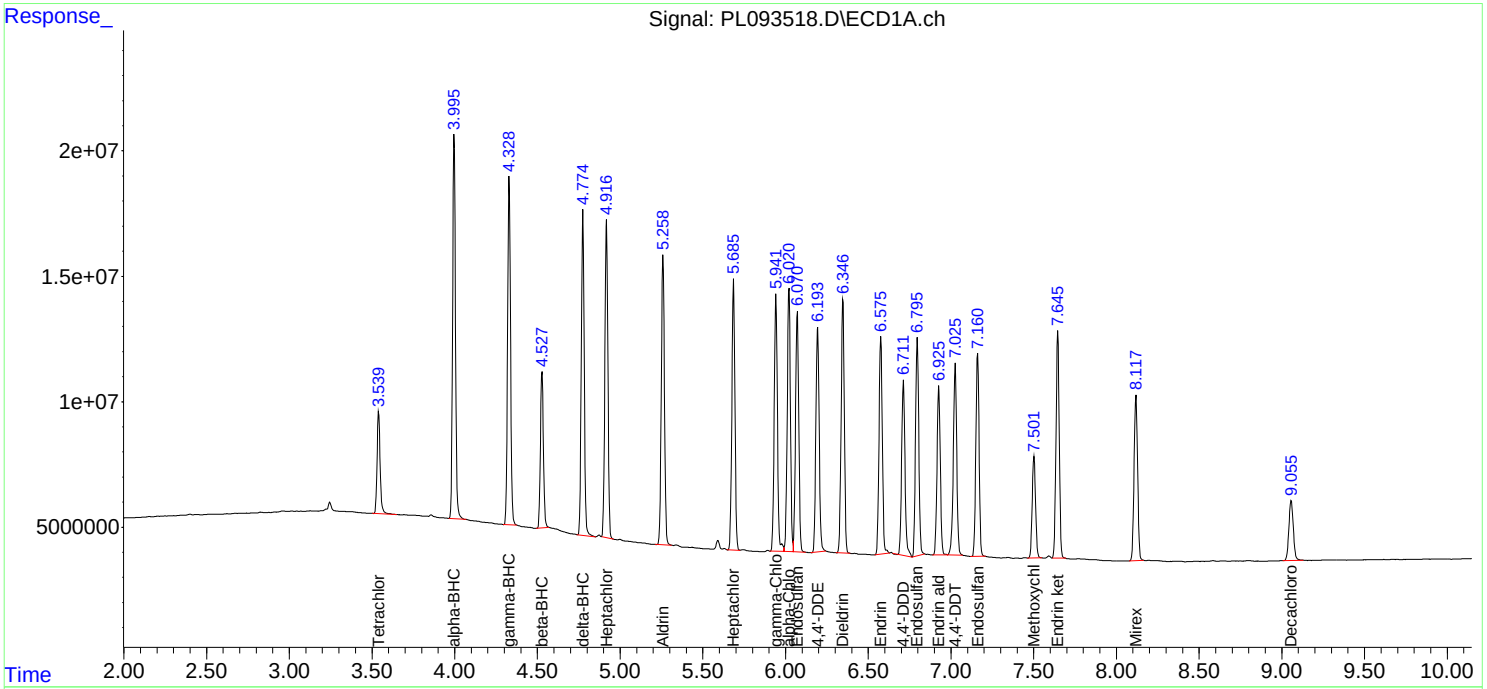
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

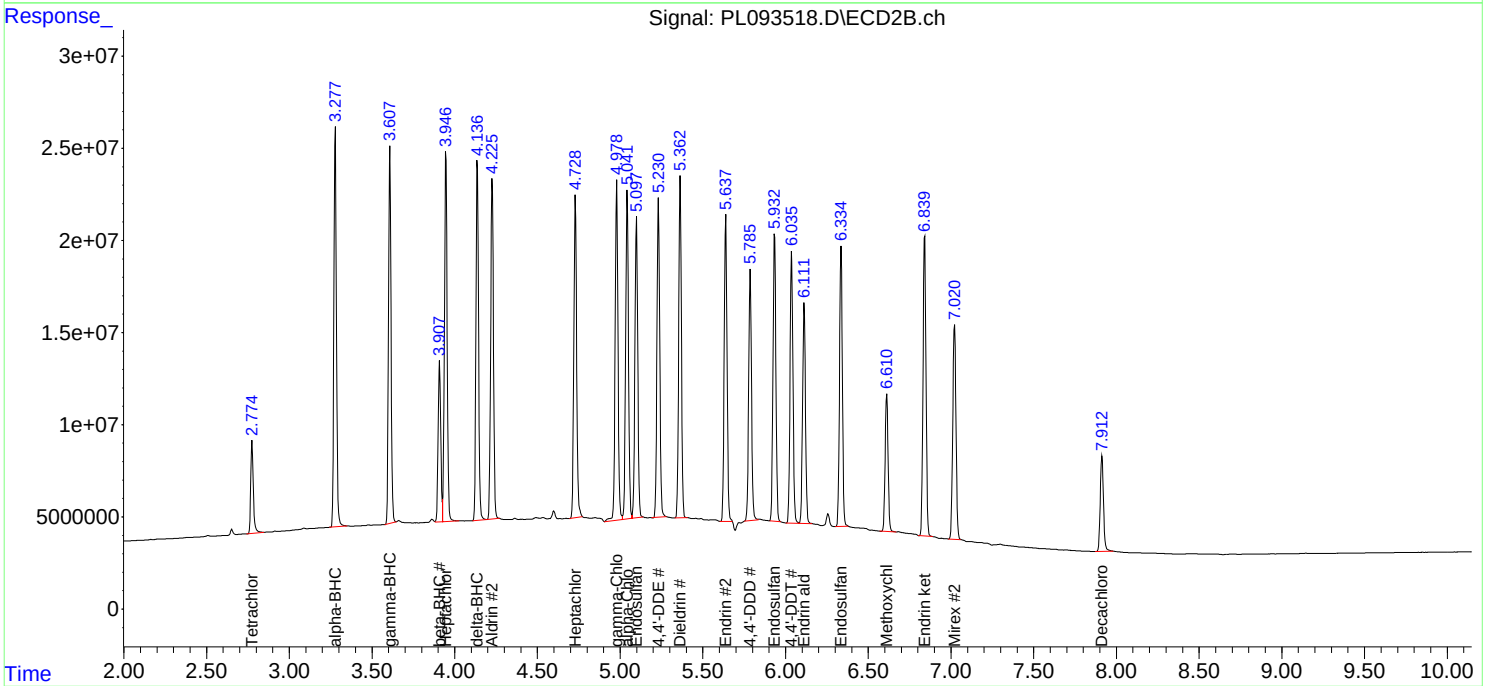
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 12:51
Operator : AR\AJ
Sample : PB165844BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165844BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:40:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL093523.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3MS	SDG No.:	P5382
Lab Sample ID:	P5382-03MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093523.D	1	12/26/24 08:30	12/26/24 14:00	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	21.0		0.17	2.00	ug/kg
60-57-1	Dieldrin	22.4		0.18	2.00	ug/kg
72-55-9	4,4-DDE	22.4		0.16	2.00	ug/kg
72-54-8	4,4-DDD	22.7		0.23	2.00	ug/kg
50-29-3	4,4-DDT	24.0		0.20	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		10 - 148	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		10 - 159	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093523.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:00
Operator : AR\AJ
Sample : P5382-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:01:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1)	SA Tetrachlo...	3.536	2.774	46376190	52199694	18.733m	17.931
28)	SA Decachlor...	9.054	7.911	36608932	57156251	19.799	19.142
	Target Compounds						
2)	A alpha-BHC	3.994	3.277	179.8E6	225.6E6	52.070	51.904
3)	MA gamma-BHC...	4.327	3.607	170.1E6	218.3E6	51.873	51.741
4)	MA Heptachlor	4.915	3.945	158.6E6	228.9E6	54.153	55.073
5)	MB Aldrin	5.257	4.225	148.3E6	214.2E6	50.992	52.225
6)	B beta-BHC	4.525	3.907	75627191	97742744	52.461	54.377
7)	B delta-BHC	4.772	4.136	159.2E6	222.0E6	51.973	52.507
8)	B Heptachlo...	5.683	4.727	137.3E6	202.2E6	52.110	52.821
9)	A Endosulfan I	6.069	5.098	127.0E6	181.2E6	53.830	51.852
10)	B gamma-Chl...	5.939	4.976	134.4E6	213.3E6	53.471	55.371m
11)	B alpha-Chl...	6.019	5.041	136.4E6	211.8E6	54.502	55.628
12)	B 4,4'-DDE	6.192	5.230	117.4E6	205.3E6	52.338	55.837
13)	MA Dieldrin	6.344	5.362	132.8E6	214.7E6	53.237	55.699
14)	MA Endrin	6.573	5.636	116.3E6	193.0E6	54.048m	58.350m
15)	B Endosulfa...	6.794	5.932	118.6E6	185.8E6	52.192	57.181
16)	A 4,4'-DDD	6.708	5.786	99306890	159.1E6	56.554m	56.225
17)	MA 4,4'-DDT	7.023	6.036	107.6E6	180.4E6	58.196	59.728
18)	B Endrin al...	6.923	6.112	91951314	142.6E6	51.817	52.952
19)	B Endosulfa...	7.158	6.335	110.9E6	174.8E6	54.949	55.419
20)	A Methoxychlor	7.499	6.611	58065101	92045427	58.084	57.184
21)	B Endrin ke...	7.643	6.840	122.6E6	192.9E6	54.646	52.978
22)	Mirex	8.117	7.020	91338500	149.5E6	48.878	48.914

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

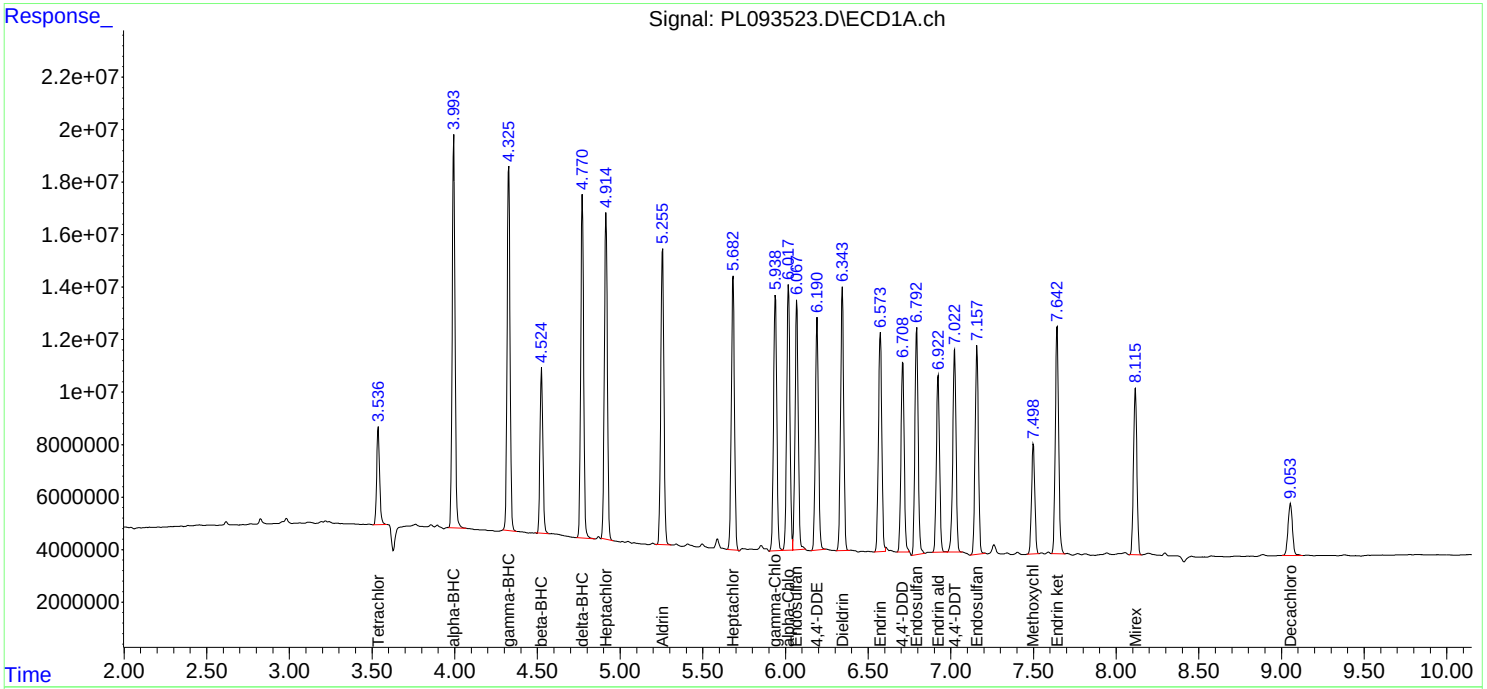
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:00
Operator : AR\AJ
Sample : P5382-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

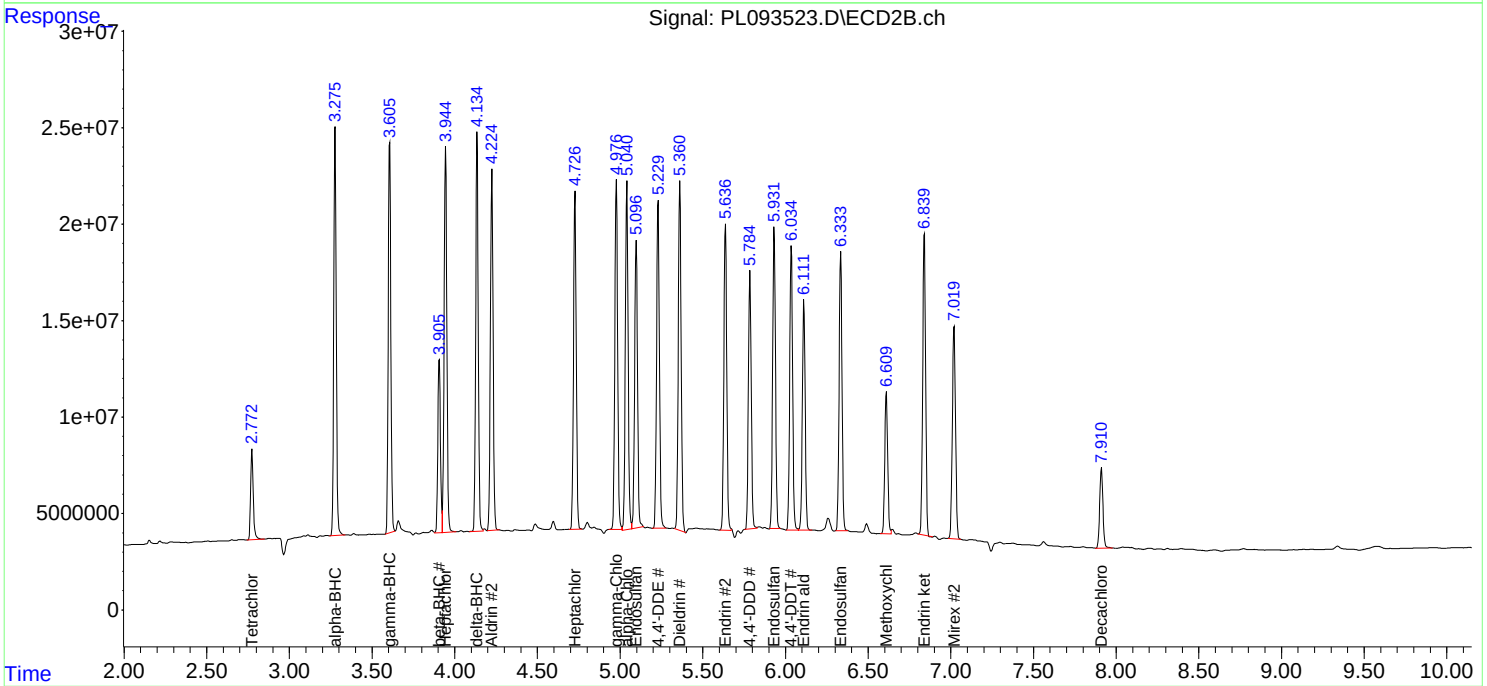
Instrument :
ECD_L
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:01:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL093524.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3MSD	SDG No.:	P5382
Lab Sample ID:	P5382-03MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	82.8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093524.D	1	12/26/24 08:30	12/26/24 14:13	PB165844

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	20.6		0.17	2.10	ug/kg
60-57-1	Dieldrin	22.0		0.18	2.10	ug/kg
72-55-9	4,4-DDE	22.0		0.16	2.10	ug/kg
72-54-8	4,4-DDD	22.4		0.23	2.10	ug/kg
50-29-3	4,4-DDT	23.4		0.21	2.10	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		10 - 148	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		10 - 159	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL093524.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:13
Operator : AR\AJ
Sample : P5382-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:02:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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						
1) SA	Tetrachlo...	3.537	2.774	46311297	51545641	18.706m	17.706
28) SA	Decachlor...	9.053	7.911	35870368	55585871	19.400	18.616
	Target Compounds						
2) A	alpha-BHC	3.994	3.277	177.7E6	223.5E6	51.470	51.426
3) MA	gamma-BHC...	4.327	3.607	168.1E6	215.6E6	51.244	51.093
4) MA	Heptachlor	4.915	3.946	156.7E6	226.1E6	53.523	54.414
5) MB	Aldrin	5.257	4.226	146.6E6	210.4E6	50.393	51.289
6) B	beta-BHC	4.526	3.907	74331879	96651816	51.562	53.770
7) B	delta-BHC	4.773	4.136	157.4E6	218.1E6	51.404	51.563
8) B	Heptachlo...	5.684	4.728	135.6E6	198.8E6	51.484	51.928
9) A	Endosulfan I	6.069	5.098	125.2E6	178.1E6	53.085	50.981
10) B	gamma-Chl...	5.940	4.976	132.7E6	209.7E6	52.815	54.415m
11) B	alpha-Chl...	6.019	5.042	134.5E6	207.7E6	53.737	54.547
12) B	4,4'-DDE	6.192	5.231	115.9E6	201.6E6	51.667	54.814
13) MA	Dieldrin	6.345	5.362	130.9E6	210.7E6	52.446	54.671
14) MA	Endrin	6.572	5.637	114.4E6	190.2E6	53.150m	57.486m
15) B	Endosulfa...	6.794	5.933	116.7E6	183.3E6	51.320	56.405
16) A	4,4'-DDD	6.708	5.786	97816936	156.2E6	55.706m	55.200
17) MA	4,4'-DDT	7.023	6.036	105.7E6	175.6E6	57.194	58.152
18) B	Endrin al...	6.924	6.112	90222224	139.6E6	50.843	51.834
19) B	Endosulfa...	7.159	6.335	109.0E6	172.6E6	53.993	54.706
20) A	Methoxychlor	7.500	6.611	56946559	90874046	56.965	56.456
21) B	Endrin ke...	7.644	6.840	121.0E6	190.0E6	53.914	52.188
22)	Mirex	8.116	7.021	89839579	147.4E6	48.076	48.219

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

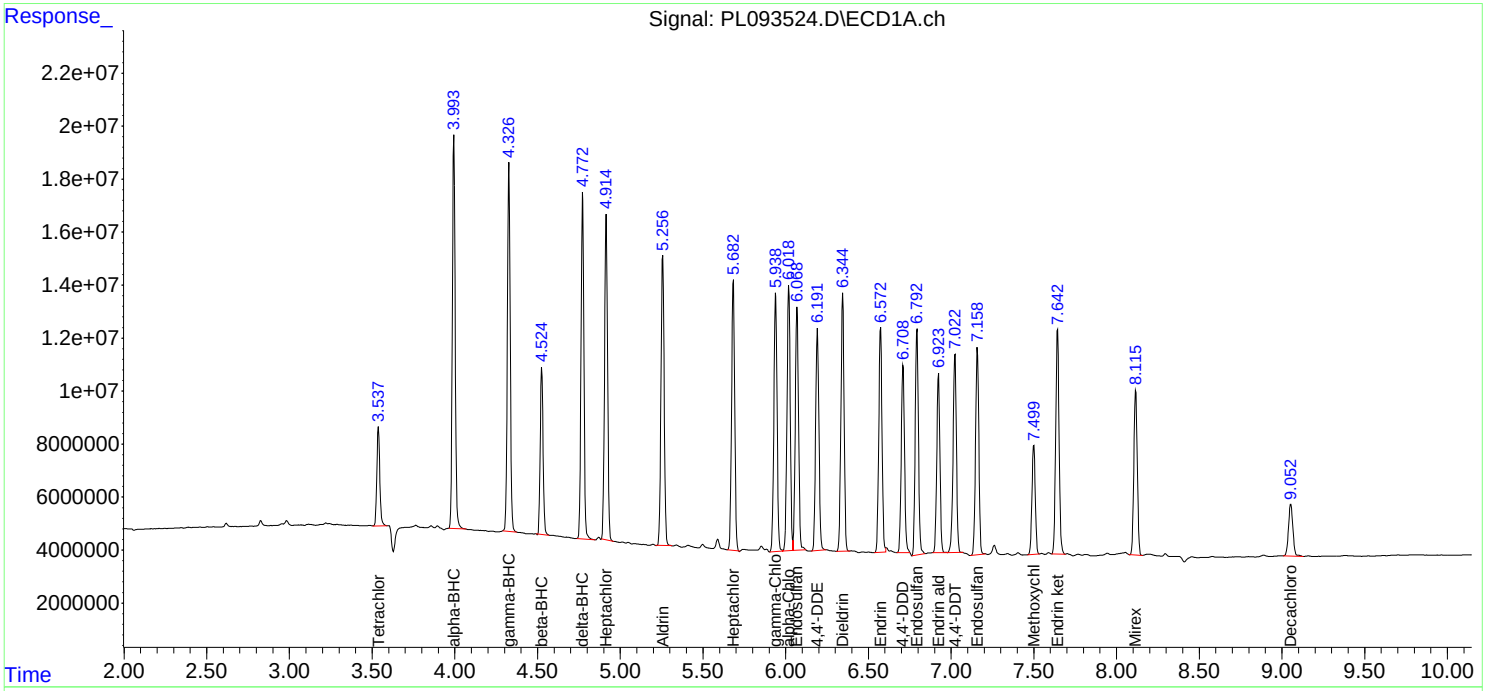
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:13
Operator : AR\AJ
Sample : P5382-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

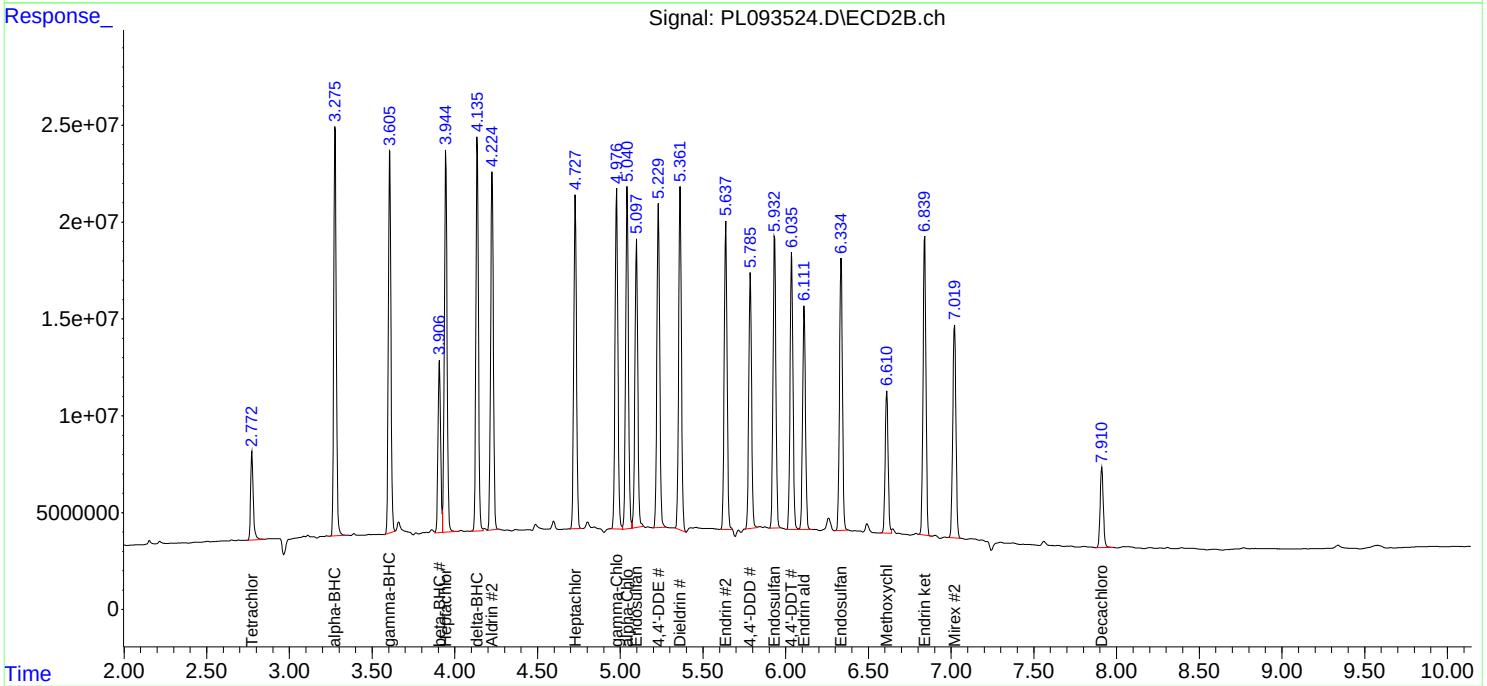
Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/27/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:02:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

Manual Integration Report

Sequence:	PL122324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093482.D	4,4"-DDE	Abdul	12/26/2024 8:01:46 AM	Ankita	12/27/2024 7:53:56	Peak Integrated by Software
PEM	PL093482.D	4,4"-DDE #2	Abdul	12/26/2024 8:01:46 AM	Ankita	12/27/2024 7:53:56	Peak Integrated by Software
PEM	PL093482.D	Endrin ketone #2	Abdul	12/26/2024 8:01:46 AM	Ankita	12/27/2024 7:53:56	Peak Integrated by Software
PCHLORICV500	PL093500.D	Chlordane-1 #2	Abdul	12/26/2024 8:01:51 AM	Ankita	12/27/2024 7:53:58	Peak Integrated by Software
PEM	PL093503.D	Endrin	Abdul	12/26/2024 8:01:54 AM	Ankita	12/27/2024 7:54:00	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl122624	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093515.D	4,4"-DDD	Abdul	12/27/2024 8:08:48 AM	Ankita	12/27/2024 8:18:07	Peak Integrated by Software
PEM	PL093515.D	4,4"-DDE	Abdul	12/27/2024 8:08:48 AM	Ankita	12/27/2024 8:18:07	Peak Integrated by Software
PEM	PL093515.D	4,4"-DDE #2	Abdul	12/27/2024 8:08:48 AM	Ankita	12/27/2024 8:18:07	Peak Integrated by Software
P5382-01	PL093520.D	Decachlorobiphenyl	Abdul	12/27/2024 8:08:41 AM	Ankita	12/27/2024 8:18:09	Peak Integrated by Software
P5382-01	PL093520.D	Tetrachloro-m-xylene	Abdul	12/27/2024 8:08:41 AM	Ankita	12/27/2024 8:18:09	Peak Integrated by Software
P5382-02	PL093521.D	Decachlorobiphenyl	Abdul	12/27/2024 8:09:29 AM	Ankita	12/27/2024 8:18:11	Peak Integrated by Software
P5382-02	PL093521.D	Decachlorobiphenyl #2	Abdul	12/27/2024 8:09:29 AM	Ankita	12/27/2024 8:18:11	Peak Integrated by Software
P5382-02	PL093521.D	Tetrachloro-m-xylene	Abdul	12/27/2024 8:09:29 AM	Ankita	12/27/2024 8:18:11	Peak Integrated by Software
P5382-03	PL093522.D	Decachlorobiphenyl	Abdul	12/27/2024 8:09:23 AM	Ankita	12/27/2024 8:18:12	Peak Integrated by Software
P5382-03	PL093522.D	Tetrachloro-m-xylene	Abdul	12/27/2024 8:09:23 AM	Ankita	12/27/2024 8:18:12	Peak Integrated by Software
P5382-03MS	PL093523.D	4,4"-DDD	Abdul	12/27/2024 8:08:55 AM	Ankita	12/27/2024 8:18:14	Peak Integrated by Software
P5382-03MS	PL093523.D	Endrin	Abdul	12/27/2024 8:08:55 AM	Ankita	12/27/2024 8:18:14	Peak Integrated by Software
P5382-03MS	PL093523.D	Endrin #2	Abdul	12/27/2024 8:08:55 AM	Ankita	12/27/2024 8:18:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl122624	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P5382-03MS	PL093523.D	gamma-Chlordane #2	Abdul	12/27/2024 8:08:55 AM	Ankita	12/27/2024 8:18:14	Peak Integrated by Software
P5382-03MS	PL093523.D	Tetrachloro-m-xylene	Abdul	12/27/2024 8:08:55 AM	Ankita	12/27/2024 8:18:14	Peak Integrated by Software
P5382-03MSD	PL093524.D	4,4"-DDD	Abdul	12/27/2024 8:08:59 AM	Ankita	12/27/2024 8:18:15	Peak Integrated by Software
P5382-03MSD	PL093524.D	Endrin	Abdul	12/27/2024 8:08:59 AM	Ankita	12/27/2024 8:18:15	Peak Integrated by Software
P5382-03MSD	PL093524.D	Endrin #2	Abdul	12/27/2024 8:08:59 AM	Ankita	12/27/2024 8:18:15	Peak Integrated by Software
P5382-03MSD	PL093524.D	gamma-Chlordane #2	Abdul	12/27/2024 8:08:59 AM	Ankita	12/27/2024 8:18:15	Peak Integrated by Software
P5382-03MSD	PL093524.D	Tetrachloro-m-xylene	Abdul	12/27/2024 8:08:59 AM	Ankita	12/27/2024 8:18:15	Peak Integrated by Software

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122324

Review By	Abdul	Review On	12/26/2024 8:02:37 AM		
Supervise By	Ankita	Supervise On	12/27/2024 7:54:20 AM		
SubDirectory	PL122324	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093480.D	23 Dec 2024 12:20	AR\AJ	Ok
2	I.BLK	PL093481.D	23 Dec 2024 12:34	AR\AJ	Ok
3	PEM	PL093482.D	23 Dec 2024 12:47	AR\AJ	Ok,M
4	RESCHK	PL093483.D	23 Dec 2024 13:01	AR\AJ	Ok
5	PSTDICC100	PL093484.D	23 Dec 2024 13:15	AR\AJ	Ok
6	PSTDICC075	PL093485.D	23 Dec 2024 13:28	AR\AJ	Ok
7	PSTDICC050	PL093486.D	23 Dec 2024 13:42	AR\AJ	Ok
8	PSTDICC025	PL093487.D	23 Dec 2024 13:55	AR\AJ	Ok
9	PSTDICC005	PL093488.D	23 Dec 2024 14:09	AR\AJ	Ok
10	PCHLORICC1000	PL093489.D	23 Dec 2024 14:23	AR\AJ	Ok
11	PCHLORICC750	PL093490.D	23 Dec 2024 14:36	AR\AJ	Ok
12	PCHLORICC500	PL093491.D	23 Dec 2024 14:50	AR\AJ	Ok
13	PCHLORICC250	PL093492.D	23 Dec 2024 15:03	AR\AJ	Ok
14	PCHLORICC050	PL093493.D	23 Dec 2024 15:17	AR\AJ	Ok
15	PTOXICC1000	PL093494.D	23 Dec 2024 15:30	AR\AJ	Ok
16	PTOXICC750	PL093495.D	23 Dec 2024 15:44	AR\AJ	Ok
17	PTOXICC500	PL093496.D	23 Dec 2024 15:58	AR\AJ	Ok
18	PTOXICC250	PL093497.D	23 Dec 2024 16:11	AR\AJ	Ok
19	PTOXICC100	PL093498.D	23 Dec 2024 16:25	AR\AJ	Ok
20	PSTDICV050	PL093499.D	23 Dec 2024 16:38	AR\AJ	Ok
21	PCHLORICV500	PL093500.D	23 Dec 2024 17:05	AR\AJ	Ok,M

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122324

Review By	Abdul	Review On	12/26/2024 8:02:37 AM		
Supervise By	Ankita	Supervise On	12/27/2024 7:54:20 AM		
SubDirectory	PL122324	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL093501.D	23 Dec 2024 17:46	AR\AJ	Ok
23	I.BLK	PL093502.D	23 Dec 2024 18:00	AR\AJ	Ok
24	PEM	PL093503.D	23 Dec 2024 18:13	AR\AJ	Ok,M
25	PSTDCCC050	PL093504.D	23 Dec 2024 18:27	AR\AJ	Ok
26	PB165812BL	PL093505.D	23 Dec 2024 18:40	AR\AJ	Ok
27	PB165812BS	PL093506.D	23 Dec 2024 18:54	AR\AJ	Ok
28	P5318-01	PL093507.D	23 Dec 2024 19:07	AR\AJ	Ok,M
29	P5355-01	PL093508.D	23 Dec 2024 19:21	AR\AJ	Ok,M
30	P5355-01MS	PL093509.D	23 Dec 2024 19:34	AR\AJ	Ok,M
31	P5355-01MSD	PL093510.D	23 Dec 2024 19:47	AR\AJ	Ok,M
32	I.BLK	PL093511.D	23 Dec 2024 20:28	AR\AJ	Ok
33	PSTDCCC050	PL093512.D	23 Dec 2024 20:42	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122624

Review By	Abdul	Review On	12/27/2024 8:09:43 AM		
Supervise By	Ankita	Supervise On	12/27/2024 8:18:24 AM		
SubDirectory	PL122624	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093513.D	26 Dec 2024 10:54	AR\AJ	Ok
2	I.BLK	PL093514.D	26 Dec 2024 11:08	AR\AJ	Ok
3	PEM	PL093515.D	26 Dec 2024 11:22	AR\AJ	Ok,M
4	PSTDCCC050	PL093516.D	26 Dec 2024 12:07	AR\AJ	Ok
5	PB165844BL	PL093517.D	26 Dec 2024 12:38	AR\AJ	Ok
6	PB165844BS	PL093518.D	26 Dec 2024 12:51	AR\AJ	Ok
7	P5383-01	PL093519.D	26 Dec 2024 13:06	AR\AJ	Ok
8	P5382-01	PL093520.D	26 Dec 2024 13:19	AR\AJ	Ok,M
9	P5382-02	PL093521.D	26 Dec 2024 13:33	AR\AJ	Ok,M
10	P5382-03	PL093522.D	26 Dec 2024 13:46	AR\AJ	Ok,M
11	P5382-03MS	PL093523.D	26 Dec 2024 14:00	AR\AJ	Ok,M
12	P5382-03MSD	PL093524.D	26 Dec 2024 14:13	AR\AJ	Ok,M
13	I.BLK	PL093525.D	26 Dec 2024 14:36	AR\AJ	Ok
14	PSTDCCC050	PL093526.D	26 Dec 2024 14:49	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122324

Review By	Abdul	Review On	12/26/2024 8:02:37 AM		
Supervise By	Ankita	Supervise On	12/27/2024 7:54:20 AM		
SubDirectory	PL122324	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093480.D	23 Dec 2024 12:20		AR\AJ	Ok
2	I.BLK	I.BLK	PL093481.D	23 Dec 2024 12:34		AR\AJ	Ok
3	PEM	PEM	PL093482.D	23 Dec 2024 12:47		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL093483.D	23 Dec 2024 13:01		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL093484.D	23 Dec 2024 13:15		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL093485.D	23 Dec 2024 13:28		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL093486.D	23 Dec 2024 13:42		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL093487.D	23 Dec 2024 13:55		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL093488.D	23 Dec 2024 14:09		AR\AJ	Ok
10	PCHLORICC1000	PCHLORICC1000	PL093489.D	23 Dec 2024 14:23		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL093490.D	23 Dec 2024 14:36		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL093491.D	23 Dec 2024 14:50		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL093492.D	23 Dec 2024 15:03		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL093493.D	23 Dec 2024 15:17		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL093494.D	23 Dec 2024 15:30		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL093495.D	23 Dec 2024 15:44		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL093496.D	23 Dec 2024 15:58		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL093497.D	23 Dec 2024 16:11		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122324

Review By	Abdul	Review On	12/26/2024 8:02:37 AM		
Supervise By	Ankita	Supervise On	12/27/2024 7:54:20 AM		
SubDirectory	PL122324	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL093498.D	23 Dec 2024 16:25		AR\AJ	Ok
20	PSTDICV050	ICVPL122324	PL093499.D	23 Dec 2024 16:38		AR\AJ	Ok
21	PCHLORICV500	ICVPL122324CHLOR	PL093500.D	23 Dec 2024 17:05		AR\AJ	Ok,M
22	PTOXICV500	ICVPL122324TOX	PL093501.D	23 Dec 2024 17:46		AR\AJ	Ok
23	I.BLK	I.BLK	PL093502.D	23 Dec 2024 18:00		AR\AJ	Ok
24	PEM	PEM	PL093503.D	23 Dec 2024 18:13		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL093504.D	23 Dec 2024 18:27		AR\AJ	Ok
26	PB165812BL	PB165812BL	PL093505.D	23 Dec 2024 18:40		AR\AJ	Ok
27	PB165812BS	PB165812BS	PL093506.D	23 Dec 2024 18:54		AR\AJ	Ok
28	P5318-01	AU-06-122024	PL093507.D	23 Dec 2024 19:07		AR\AJ	Ok,M
29	P5355-01	RBR251688	PL093508.D	23 Dec 2024 19:21		AR\AJ	Ok,M
30	P5355-01MS	RBR251688MS	PL093509.D	23 Dec 2024 19:34		AR\AJ	Ok,M
31	P5355-01MSD	RBR251688MSD	PL093510.D	23 Dec 2024 19:47		AR\AJ	Ok,M
32	I.BLK	I.BLK	PL093511.D	23 Dec 2024 20:28		AR\AJ	Ok
33	PSTDCCC050	PSTDCCC050	PL093512.D	23 Dec 2024 20:42		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL122624

Review By	Abdul	Review On	12/27/2024 8:09:43 AM		
Supervise By	Ankita	Supervise On	12/27/2024 8:18:24 AM		
SubDirectory	PL122624	HP Acquire Method		HP Processing Method	pl122324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093513.D	26 Dec 2024 10:54		AR\AJ	Ok
2	I.BLK	I.BLK	PL093514.D	26 Dec 2024 11:08		AR\AJ	Ok
3	PEM	PEM	PL093515.D	26 Dec 2024 11:22		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL093516.D	26 Dec 2024 12:07		AR\AJ	Ok
5	PB165844BL	PB165844BL	PL093517.D	26 Dec 2024 12:38		AR\AJ	Ok
6	PB165844BS	PB165844BS	PL093518.D	26 Dec 2024 12:51		AR\AJ	Ok
7	P5383-01	OK-02-12232024	PL093519.D	26 Dec 2024 13:06		AR\AJ	Ok
8	P5382-01	COMP-1	PL093520.D	26 Dec 2024 13:19		AR\AJ	Ok,M
9	P5382-02	COMP-2	PL093521.D	26 Dec 2024 13:33		AR\AJ	Ok,M
10	P5382-03	COMP-3	PL093522.D	26 Dec 2024 13:46		AR\AJ	Ok,M
11	P5382-03MS	COMP-3MS	PL093523.D	26 Dec 2024 14:00		AR\AJ	Ok,M
12	P5382-03MSD	COMP-3MSD	PL093524.D	26 Dec 2024 14:13		AR\AJ	Ok,M
13	I.BLK	I.BLK	PL093525.D	26 Dec 2024 14:36		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PL093526.D	26 Dec 2024 14:49		AR\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/27/2024

OVENTEMP IN Celsius(°C): 106
Time IN: 17:15
In Date: 12/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 12/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134080

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	1	1.15	8.48	9.63	8.47	86.3	
P5382-01	COMP-1	2	1.19	8.60	9.79	8.31	82.8	
P5382-02	COMP-2	3	1.15	8.82	9.97	8.43	82.5	
P5382-03	COMP-3	4	1.16	8.76	9.92	8.41	82.8	
P5382-04	SB-1	5	1.15	8.80	9.95	8.47	83.2	
P5382-05	SB-2	6	1.18	8.75	9.93	8.4	82.5	
P5382-06	SB-3	7	1.17	8.80	9.97	8.27	80.7	
P5382-07	SB-4	8	1.19	8.53	9.72	8.02	80.1	
P5382-08	SB-5	9	1.15	8.80	9.95	8.73	86.1	
P5382-09	SB-6	10	1.19	8.50	9.69	7.75	77.2	
P5382-10	SB-7	11	1.14	8.69	9.83	7.86	77.3	
P5382-11	SB-8	12	1.13	8.82	9.95	8.55	84.1	
P5382-12	SB-9	13	1.11	8.73	9.84	8.29	82.2	
P5382-13	SB-10	14	1.19	8.78	9.97	8.16	79.4	
P5382-14	SB-11	15	1.19	8.40	9.59	7.98	80.8	
P5382-15	SB-12	16	1.19	8.51	9.7	8.28	83.3	
P5383-01	OK-02-12232024	17	1.15	8.82	9.97	9.3	92.4	
P5383-02	OK-02-12232024-E2	18	1.13	8.81	9.94	9.54	95.5	
P5384-01	ORA-2066	19	1.00	1.00	2.00	2.00	100.0	wipe sample
P5384-02	ORA-2067	20	1.00	1.00	2.00	2.00	100.0	wipe sample
P5386-01	MOO-24-00398	21	1.15	8.44	9.59	8.99	92.9	
P5386-03	MOO-24-00395-96	22	1.00	1.00	2.00	2.00	100.0	debris
P5387-01	TR-05-122624	23	1.13	8.66	9.79	8.86	89.3	
P5387-02	TR-05-122624-E2	24	1.14	8.80	9.94	8.91	88.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 134080

WorkList Name : %1-122624 **WorkList ID :** 186590 **Department :** Wet-Chemistry **Date :** 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	Solid	Percent Solids	Cool 4 deg C	WEST04	N31	12/20/2024	Chemtech -SO
P5382-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-04	SB-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-05	SB-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-06	SB-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-07	SB-4	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-08	SB-5	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-09	SB-6	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-10	SB-7	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-11	SB-8	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-12	SB-9	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-13	SB-10	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-14	SB-11	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-15	SB-12	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5383-01	OK-02-12232024	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5383-02	OK-02-12232024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5384-01	ORA-2066	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5384-02	ORA-2067	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5386-01	MOO-24-00398	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO

Date/Time 12/26/24 16:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 12/26/24 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 134080

WorkList Name : %1-122624 **WorkList ID :** 186590 **Department :** Wet-Chemistry **Date :** 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5386-03	MOO-24-00395-96	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5387-01	TR-05-122624	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO
P5387-02	TR-05-122624-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO

Date/Time 12/26/24
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 12/26/24 17:20
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB165844

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	12/26/2024
Matrix :	Solid			**Extraction Start Time :**	08:30
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	12/26/2024
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:30
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23928
Surrogate	1.0ML	200 PPB	PP23985
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2561
Baked Na2SO4	N/A	EP2573
Sand	N/A	E2865
Hexane	N/A	E3847
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/26/24	RP (Ext. lab)	Y-P-PEST-PCB.
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB165844

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/26/2024

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165844BL	PBLK844	PESTICIDE Group1	30.01	N/A	ritesh	Evelyn	10			U7-1
PB165844BS	PLCS844	PESTICIDE Group1	30.03	N/A	ritesh	Evelyn	10			2
P5382-01	COMP-1	PESTICIDE Group1	30.08	N/A	ritesh	Evelyn	10	D		3
P5382-02	COMP-2	PESTICIDE Group1	30.03	N/A	ritesh	Evelyn	10	D		4
P5382-03	COMP-3	PESTICIDE Group1	30.01	N/A	ritesh	Evelyn	10	D		5
P5382-03MS	COMP-3MS	PESTICIDE Group1	30.06	N/A	ritesh	Evelyn	10	D		6
P5382-03MSD	COMP-3MSD	PESTICIDE Group1	30.04	N/A	ritesh	Evelyn	10	D		U6-1
P5383-01	OK-02-12232024	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		2

*** Extracts relinquished on the same date as received.**

12/26/24

168844
8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p5382 **WorkList ID :** 186611 **Department :** Extraction **Date :** 12-26-2024 08:28:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5382-01	COMP-1	Solid	PESTICIDE Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8081B
P5382-02	COMP-2	Solid	PESTICIDE Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8081B
P5382-03	COMP-3	Solid	PESTICIDE Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8081B
P5383-01	OK-02-12232024	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	K31	12/23/2024	8081B

Date/Time 12/26/24 8:28
Raw Sample Received by: RJ (Essa Lab)
Raw Sample Relinquished by: JD (SM)

Date/Time 12/26/24 9:00
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RJ (Essa Lab)

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. / QUOTE NO. P5382
COC Number 2041561

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY: Kleinfelder
ADDRESS: 25 Gold Drive
CITY Hamilton STATE: NJ ZIP: 08691
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME: JC [redacted] Comegys School
PROJECT NO.: 20005163.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION
BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION
- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other

ANALYSIS
PADEP List Full Parameters (Leave Full) On Hold

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	COMP-1	Soil	✓		12/20/24	9:15	3	✓									*4
2.	COMP-2		↓			9:50	↓	↓									*5
3.	COMP-3		↓			10:35	↓	↓									*4
4.	SB-1			✓		9:25	1		✓								
5.	SB-2			↓		9:00	↓		↓								
6.	SB-3					9:30											
7.	SB-4					9:10											
8.	SB-5					9:05											
9.	SB-6					8:30											
10.	SB-7	↓		↓	↓	9:40	↓	↓	↓								

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/20/24 12:45	1.
2. FedEx	12/23/24 1128	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.6°C °C
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other Fed Ex
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. P5382
COC Number 2041560

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelter
ADDRESS: 2 S Gold Drive
CITY Hamilton STATE: NJ ZIP: 08691
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Comegys School
PROJECT NO.: 24005163.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelter.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other

ANALYSIS

On Hold

PRESERVATIVES: E

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
1.	SB-8	So.		✓	12/20/24	9:45	1	✓									
2.	SB-9	↓		↓	↓	10:00	↓	↓									
3.	SB-10					10:15											
4.	SB-11					10:30											
5.	SB-12					10:05											
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/20/24 12:45	1.
2. FedEx	1128 12/23/24	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.6°C °C
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEx
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488