284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : P4103

Project ID : North Point

Client : ENTACT

Lab Sample Number	Client Sample Number
P4103-01	WC-22A
P4103-02	WC-22A
P4103-03	WC-22A
P4103-04	WC-14-5-7.5A
P4103-05	WC-14-5-7.5A
P4103-06	WC-14-5-7.5A
P4103-07	WC-14-5-7.5B
P4103-08	WC-14-5-7.5B
P4103-09	WC-14-5-7.5B
P4103-10	WC-14-7.5-10A
P4103-11	WC-14-7.5-10A
P4103-12	WC-14-7.5-10A
P4103-13	WC-14-7.5-10B
P4103-14	WC-14-7.5-10B
P4103-15	WC-14-7.5-10B
P4103-16	WC-23
P4103-17	WC-23
P4103-18	WC-23

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: 9/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: **P4103**

	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:** **09/28/2024**

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LAB CHRONICLE

OrderID:	P4103	**OrderDate:**	9/18/2024 3:16:00 PM
Client:	ENTACT	**Project:**	North Point
Contact:	Chris Lawrence	**Location:**	J11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4103-01	**WC-22A**	**SOIL**			**09/17/24**			**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/19/24	
			PCB	8082A		09/19/24	09/19/24	
			EPH	NJEPH		09/19/24	09/19/24	
			EPH	NJEPH		09/19/24	09/20/24	
P4103-01DL	**WC-22ADL**	**Solid**			**09/17/24**			**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24	
P4103-01DL2	**WC-22ADL2**	**Solid**			**09/17/24**			**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24	
P4103-02	**WC-22A**	**TCLP**			**09/17/24**			**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24	
P4103-04	**WC-14-5-7.5A**	**SOIL**			**09/17/24**			**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/19/24	
			PCB	8082A		09/19/24	09/19/24	
			EPH	NJEPH		09/19/24	09/19/24	
			EPH	NJEPH		09/19/24	09/20/24	
P4103-04DL	**WC-14-5-7.5ADL**	**Solid**			**09/17/24**			**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24	
P4103-05	**WC-14-5-7.5A**	**TCLP**			**09/17/24**			**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24	
P4103-07	**WC-14-5-7.5B**	**SOIL**			**09/17/24**			**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/20/24	

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LAB CHRONICLE

			PCB	8082A		09/19/24	09/19/24
			EPH	NJEPH		09/19/24	09/19/24
			EPH	NJEPH		09/19/24	09/20/24
P4103-07DL	**WC-14-5-7.5BDL**	**Solid**			**09/17/24**		**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24
P4103-08	**WC-14-5-7.5B**	**TCLP**			**09/17/24**		**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24
P4103-10	**WC-14-7.5-10A**	**SOIL**			**09/17/24**		**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24
			Gasoline Range Organics	8015D			09/20/24
			PCB	8082A		09/19/24	09/19/24
			EPH	NJEPH		09/19/24	09/19/24
			EPH	NJEPH		09/19/24	09/20/24
P4103-10DL	**WC-14-7.5-10ADL**	**Solid**			**09/17/24**		**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24
P4103-10DL 2	**WC-14-7.5-10ADL2**	**Solid**			**09/17/24**		**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24
P4103-11	**WC-14-7.5-10A**	**TCLP**			**09/17/24**		**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24
P4103-13	**WC-14-7.5-10B**	**SOIL**			**09/17/24**		**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24
			Diesel Range Organics	8015D		09/19/24	09/20/24
			Gasoline Range Organics	8015D			09/20/24
			PCB	8082A		09/19/24	09/19/24
			EPH	NJEPH		09/19/24	09/19/24
P4103-14	**WC-14-7.5-10B**	**TCLP**			**09/17/24**		**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24
P4103-16	**WC-23**	**SOIL**			**09/17/24**		**09/18/24**
			Diesel Range Organics	8015D		09/19/24	09/19/24
			Diesel Range Organics	8015D		09/19/24	09/20/24
			Gasoline Range Organics	8015D			09/20/24
			PCB	8082A		09/19/24	09/19/24

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LAB CHRONICLE

			EPH	NJEPH		09/19/24	09/19/24	
			EPH	NJEPH		09/19/24	09/20/24	
P4103-16DL	**WC-23DL**	**Solid**			**09/17/24**			**09/18/24**
			EPH	NJEPH		09/19/24	09/20/24	
P4103-17	**WC-23**	**TCLP**			**09/17/24**			**09/18/24**
			TCLP Pesticide	8081B		09/20/24	09/23/24	

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Hit Summary Sheet
SW-846

SDG No.: P4103 **Order ID:** P4103

Client: ENTACT **Project ID:** North Point

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: P4103

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL091953.D	PIBLK-PL091953.D	Decachlorobiphenyl	1	20	19.6	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.0	95		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	18.7	94		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.3	92		30 (77)	150 (126)
I.BLK-PL091974.D	PIBLK-PL091974.D	Decachlorobiphenyl	1	20	19.8	99		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.3	96		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.6	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.9	94		30 (77)	150 (126)
PB163572BL	PB163572BL	Decachlorobiphenyl	1	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.6	93		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.1	96		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (77)	150 (126)
PB163572BS	PB163572BS	Decachlorobiphenyl	1	20	18.1	90		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.1	90		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	17.9	89		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	16.9	85		30 (77)	150 (126)
P4103-02	WC-22A	Decachlorobiphenyl	1	20	16.9	85		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	13.8	69		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	17.1	86		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (77)	150 (126)
P4103-02MS	WC-22AMS	Decachlorobiphenyl	1	20	18.3	91		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	13.0	65		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	18.6	93		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.8	109		30 (77)	150 (126)
P4103-02MSD	WC-22AMSD	Decachlorobiphenyl	1	20	18.0	90		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	12.1	61		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	18.2	91		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (77)	150 (126)
P4103-05	WC-14-5-7.5A	Decachlorobiphenyl	1	20	13.8	69		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.3	87		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	14.2	71		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (77)	150 (126)
P4103-08	WC-14-5-7.5B	Decachlorobiphenyl	1	20	14.0	70		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.2	86		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	14.3	72		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.1	90		30 (77)	150 (126)
P4103-11	WC-14-7.5-10A	Decachlorobiphenyl	1	20	14.4	72		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	16.2	81		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	14.5	72		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (77)	150 (126)
P4103-14	WC-14-7.5-10B	Decachlorobiphenyl	1	20	16.3	82		30 (43)	150 (140)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: P4103

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
P4103-14	WC-14-7.5-10B	Tetrachloro-m-xylene	1	20	15.7	78		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	16.6	83		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.3	91		30 (77)	150 (126)
P4103-17	WC-23	Decachlorobiphenyl	1	20	20.3	101		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.6	88		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.4	102		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (77)	150 (126)
PB163511TB	PB163511TB	Decachlorobiphenyl	1	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.8	94		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.2	96		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.4	92		30 (77)	150 (126)
I.BLK-PL091988.D	PIBLK-PL091988.D	Decachlorobiphenyl	1	20	19.7	99		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.9	95		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	18.7	94		30 (77)	150 (126)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8081B **DataFile :** PL091980.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:	**WC-22AMS**											
P4103-02MS	gamma-BHC (Lindane)	5	0	7.60	ug/L	152	*			30 (60)	150 (152)	
	Heptachlor	5	0	5.80	ug/L	116				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.60	ug/L	112				30 (77)	150 (143)	
	Endrin	5	0	6.10	ug/L	122				30 (76)	150 (144)	
	Methoxychlor	5	0	5.70	ug/L	114				30 (70)	150 (142)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8081B **DataFile :** PL091981.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:	**WC-22AMSD**											
P4103-02MSD	gamma-BHC (Lindane)	5	0	7.10	ug/L	142		7		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.70	ug/L	114		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.50	ug/L	110		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.90	ug/L	118		3		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.60	ug/L	112		2		30 (70)	150 (142)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8081B **Datafile :** PL091978.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163572BS	gamma-BHC (Lindane)	0.5	0.42	ug/L	84				40 (82)	140 (129)	
	Heptachlor	0.5	0.44	ug/L	88				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.43	ug/L	86				40 (81)	140 (124)	
	Endrin	0.5	0.43	ug/L	87				40 (81)	140 (128)	
	Methoxychlor	0.5	0.43	ug/L	86				40 (78)	140 (108)	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163572BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG NO.: P4103

Lab Sample ID: PB163572BL Lab File ID: PL091977.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 09/20/2024

Date Analyzed (1): 09/23/2024 Date Analyzed (2): 09/23/2024

Time Analyzed (1): 16:54 Time Analyzed (2): 16:54

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB163572BS	PB163572BS	PL091978.D	09/23/2024	09/23/2024
WC-22A	P4103-02	PL091979.D	09/23/2024	09/23/2024
WC-22AMS	P4103-02MS	PL091980.D	09/23/2024	09/23/2024
WC-22AMSD	P4103-02MSD	PL091981.D	09/23/2024	09/23/2024
WC-14-5-7.5A	P4103-05	PL091982.D	09/23/2024	09/23/2024
WC-14-5-7.5B	P4103-08	PL091983.D	09/23/2024	09/23/2024
WC-14-7.5-10A	P4103-11	PL091984.D	09/23/2024	09/23/2024
WC-14-7.5-10B	P4103-14	PL091985.D	09/23/2024	09/23/2024
WC-23	P4103-17	PL091986.D	09/23/2024	09/23/2024
PB163511TB	PB163511TB	PL091987.D	09/23/2024	09/23/2024

COMMENTS:

SAMPLE DATA

Raw Data: **PL091979.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22A	SDG No.:	P4103
Lab Sample ID:	P4103-02	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091979.D	1	09/20/24 11:45	09/23/24 17:20	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.1		30 (43) - 150 (140)	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		30 (77) - 150 (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

Quantitation Report (QT Reviewed)

Sample Results: **PL091979.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:20
Operator : AR\AJ
Sample : P4103-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-22A

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:05:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	30632213	51099907	13.769	20.374m#
28)	SA Decachlor...	9.061	7.922	27775827	42845264	16.955	17.125m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:20
Operator : AR\AJ
Sample : P4103-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

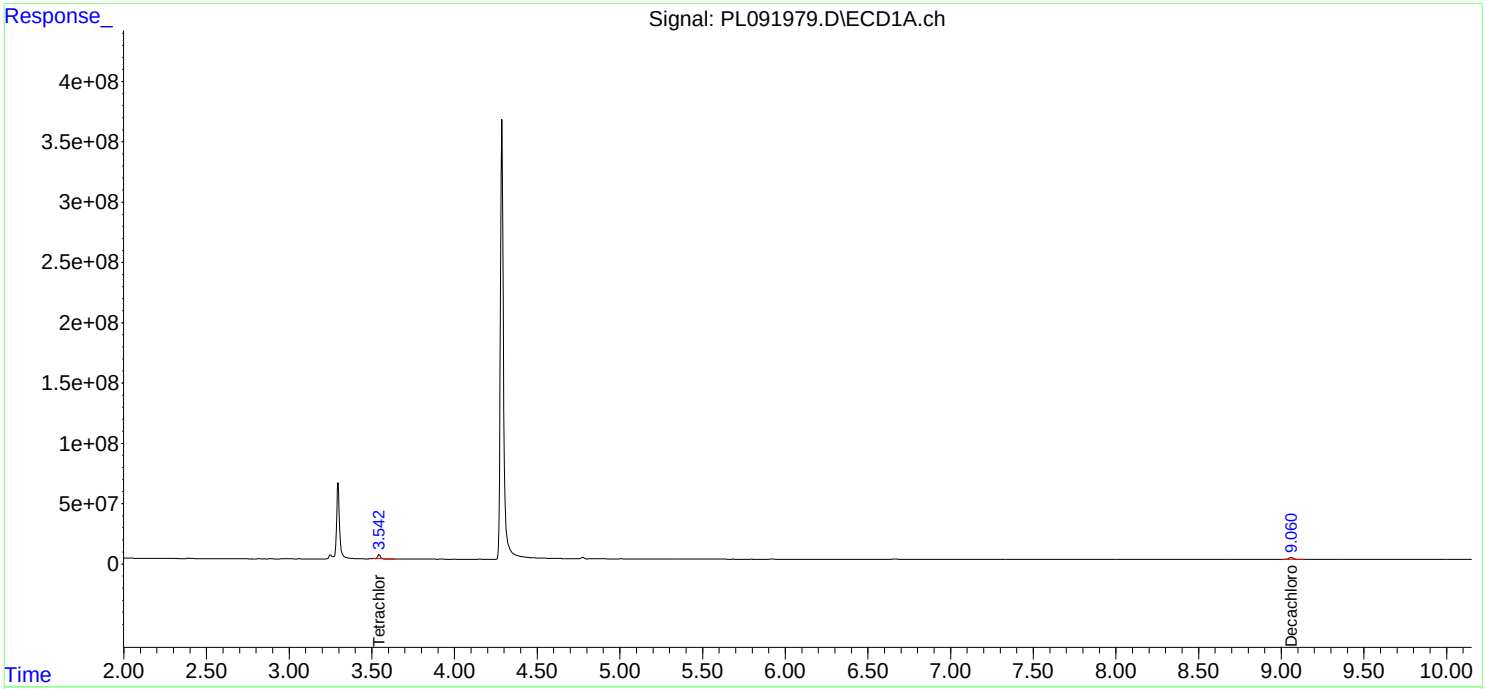
Instrument :
ECD_L
ClientSampleId :
WC-22A

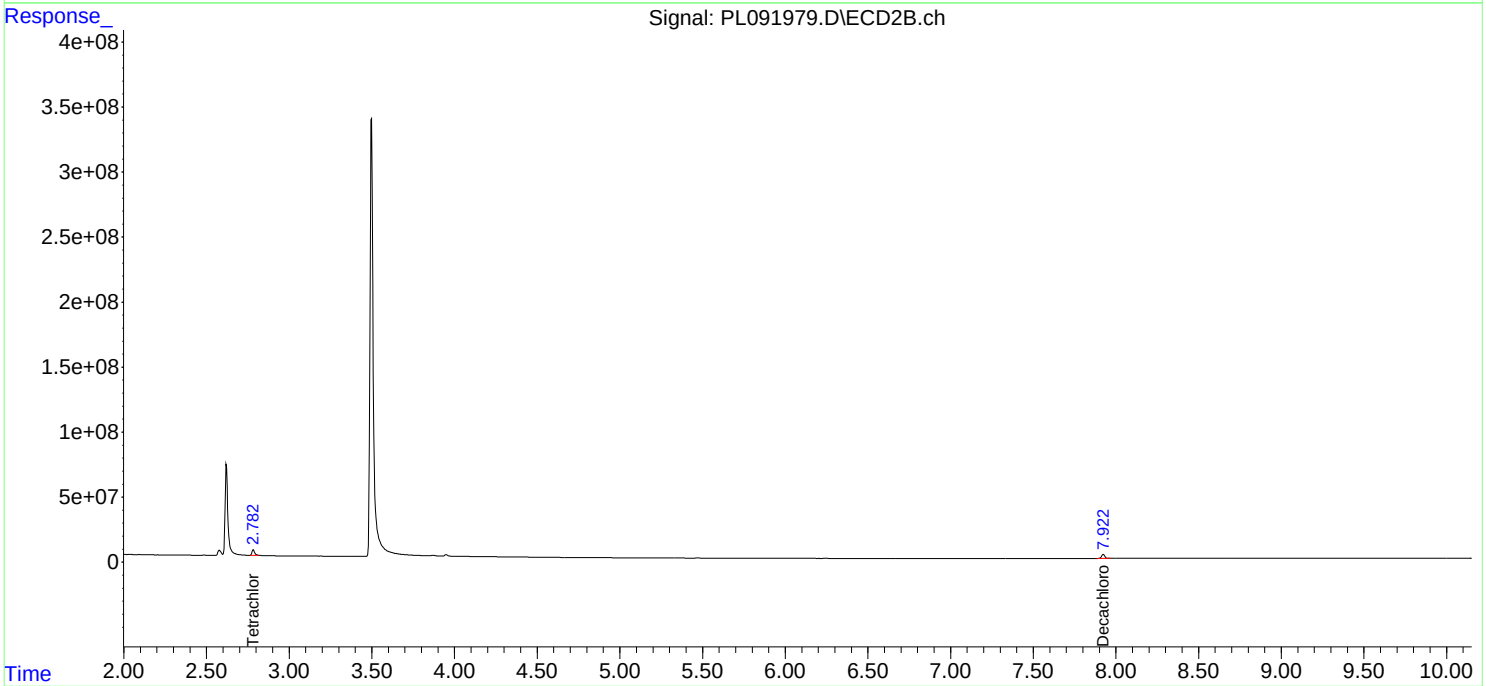
Manual Integrations APPROVED

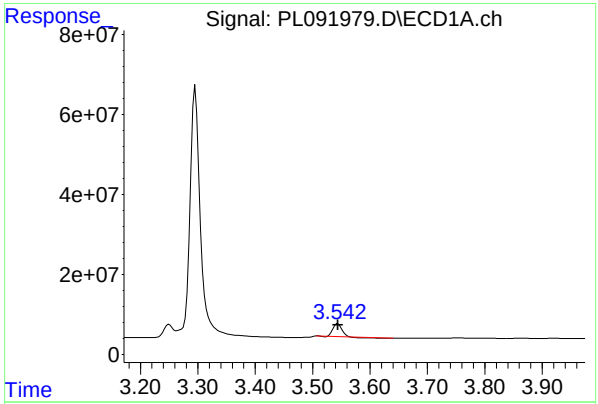
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:05:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







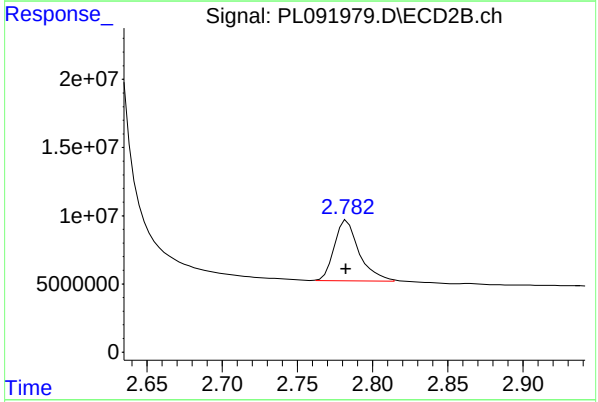
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 mi
Response: 30632213
Conc: 13.77 ng/m

Instrument :
ECD_L
ClientSampleId :
WC-22A

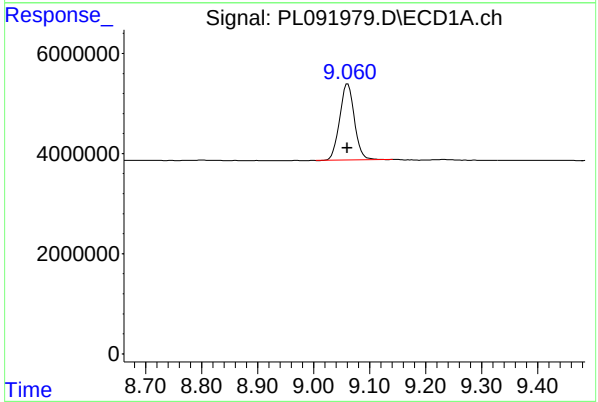
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



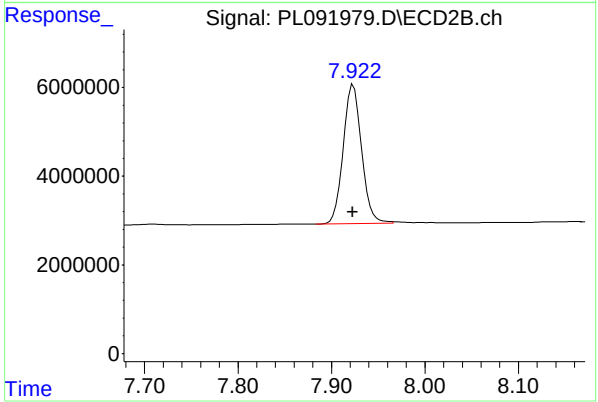
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 51099907
Conc: 20.37 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 27775827
Conc: 16.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 42845264
Conc: 17.12 ng/ml m

Raw Data: **PL091982.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5A	SDG No.:	P4103
Lab Sample ID:	P4103-05	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091982.D	1	09/20/24 11:45	09/23/24 18:01	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		30 (43) - 150 (140)	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		30 (77) - 150 (126)	98%	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\PL092324\
Data File : PL091982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:01
Operator : AR\AJ
Sample : P4103-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:08:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.783	38550842	49047775	17.329	19.556
28)	SA Decachlor...	9.061	7.924	22539124	35522223	13.758	14.198
	Target Compounds						

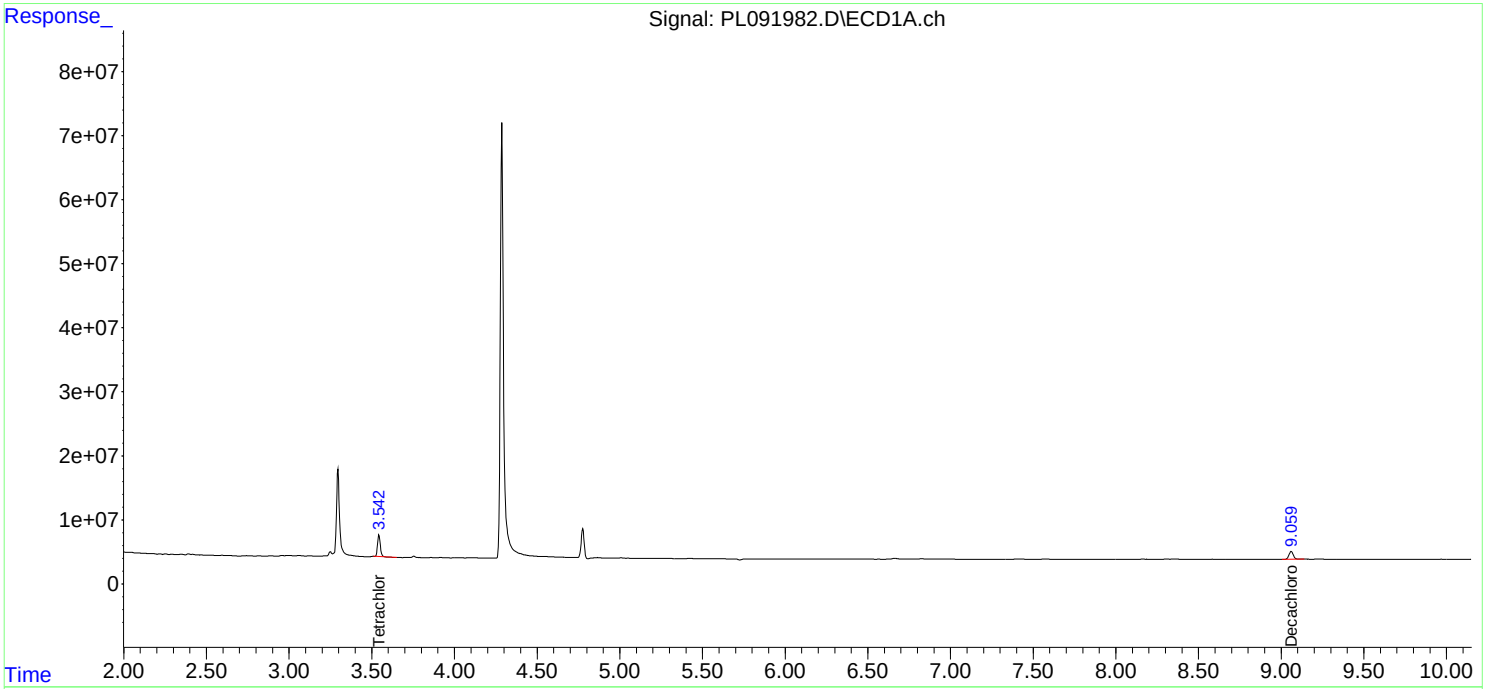
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

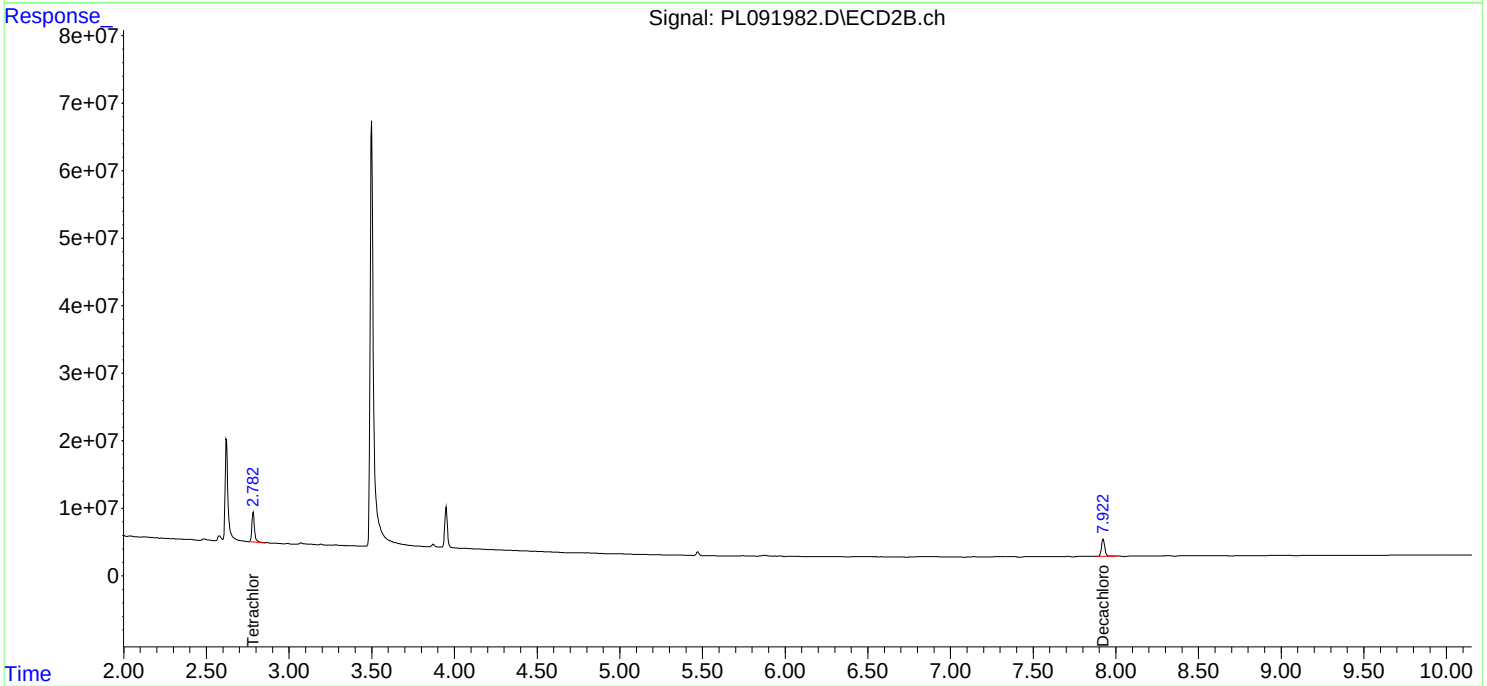
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:01
Operator : AR\AJ
Sample : P4103-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

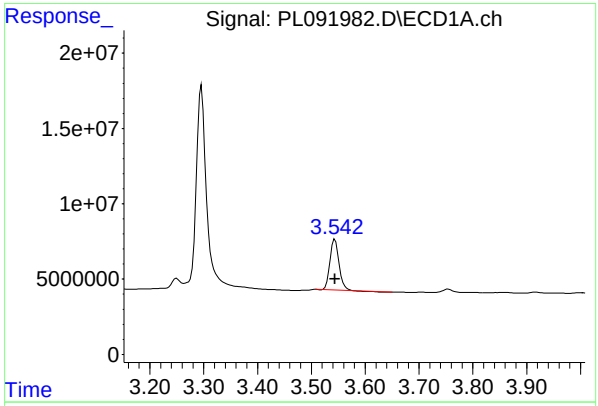
Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:08:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



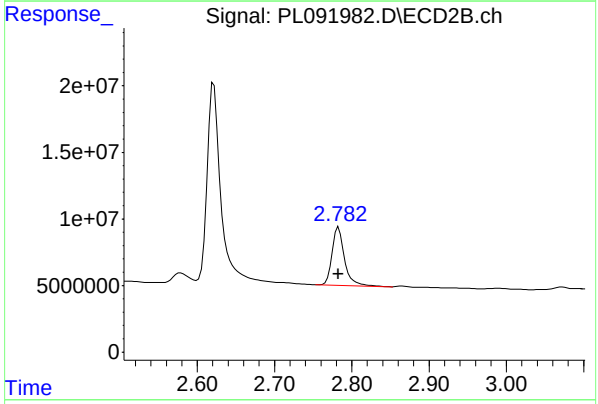




#1 Tetrachloro-m-xylene

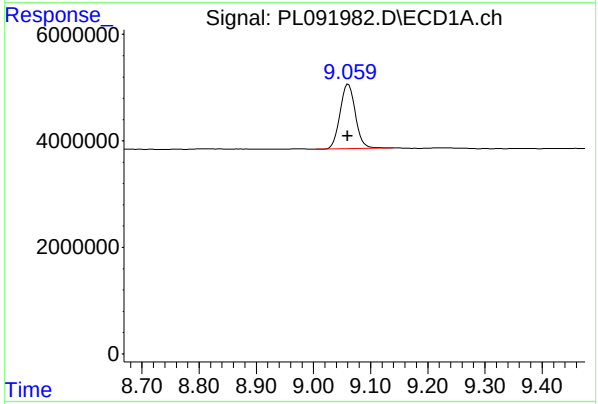
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 38550842
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5A



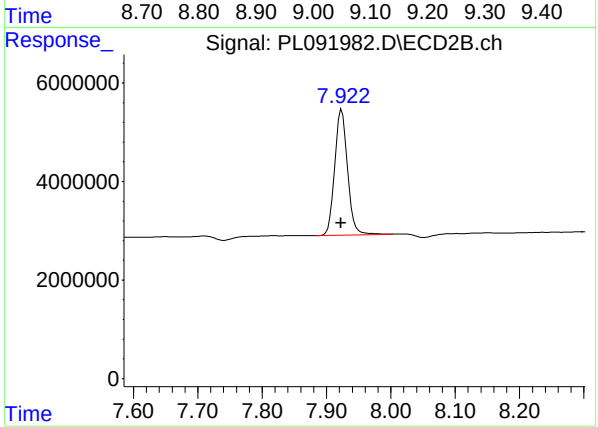
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 49047775
Conc: 19.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 22539124
Conc: 13.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 35522223
Conc: 14.20 ng/ml

Raw Data: **PL091983.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5B	SDG No.:	P4103
Lab Sample ID:	P4103-08	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091983.D	1	09/20/24 11:45	09/23/24 18:14	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.3		30 (43) - 150 (140)	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		30 (77) - 150 (126)	90%	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: **PL091983.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:14
Operator : AR\AJ
Sample : P4103-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5B

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:09:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	38364016	45304227	17.245	18.063m
28)	SA Decachlor...	9.059	7.923	22900593	35903266	13.979m	14.350
	Target Compounds						

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

Sample Results: **PL091983.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:14
Operator : AR\AJ
Sample : P4103-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

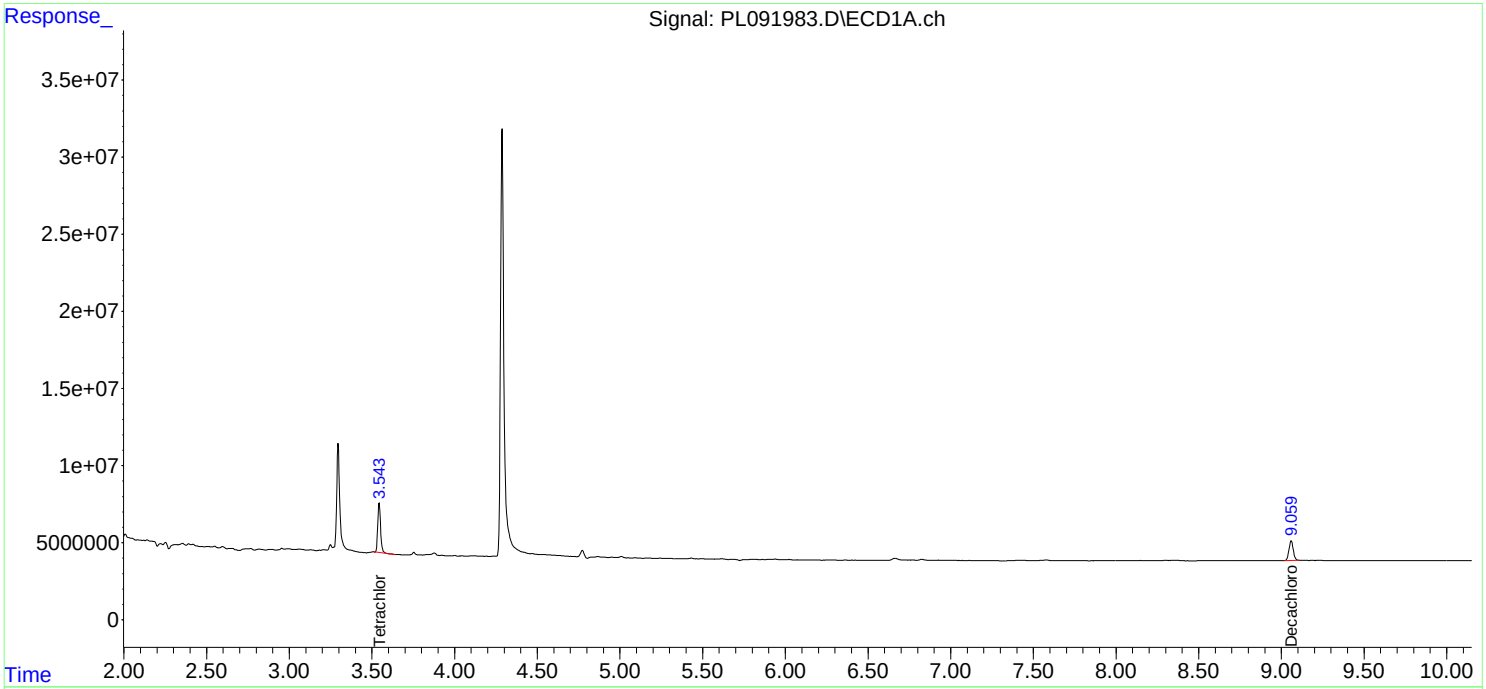
Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5B

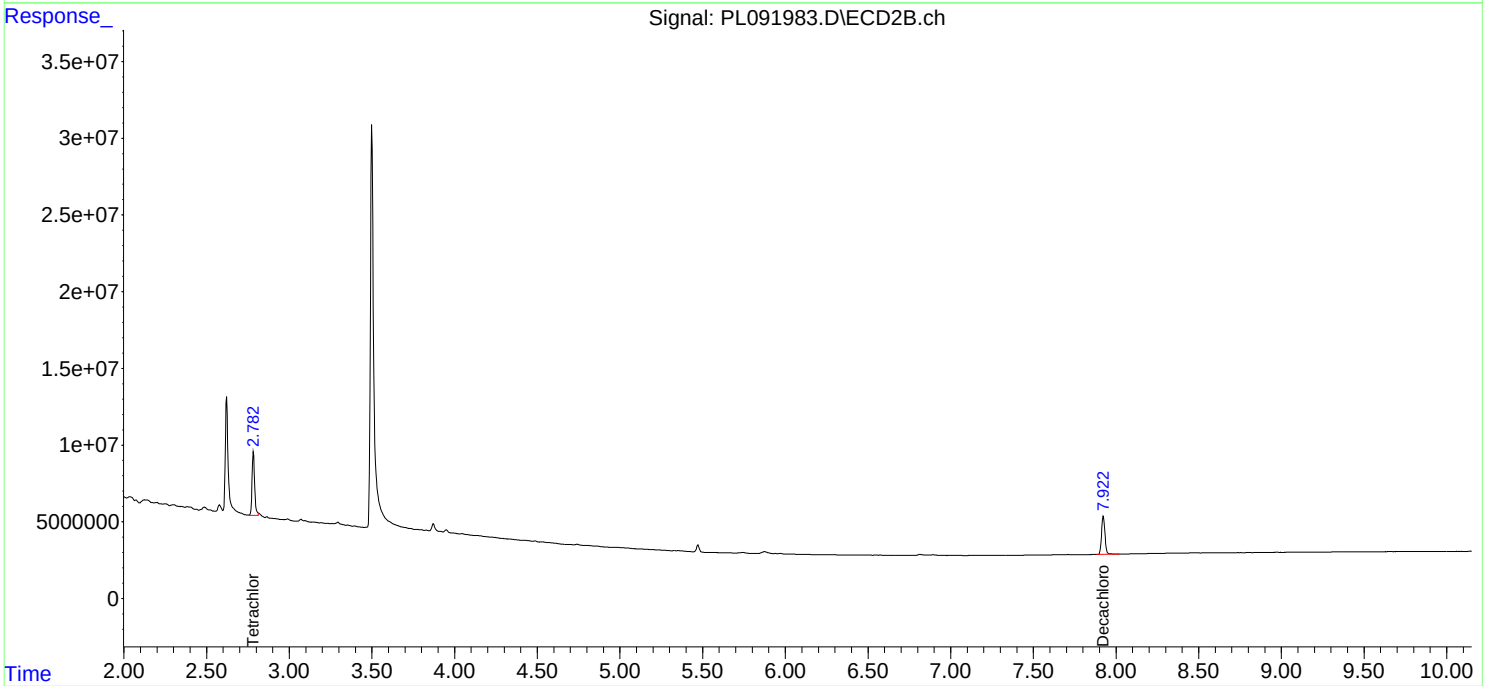
Manual Integrations APPROVED

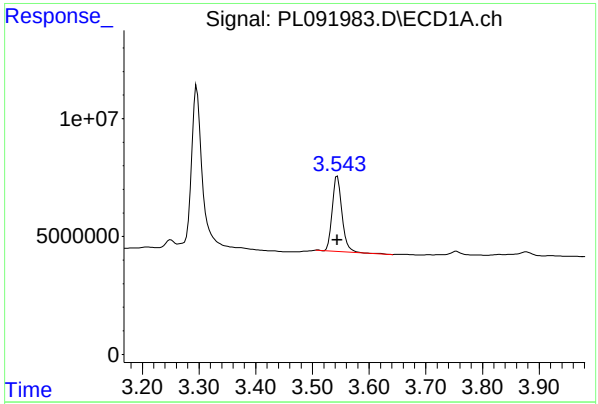
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:09:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







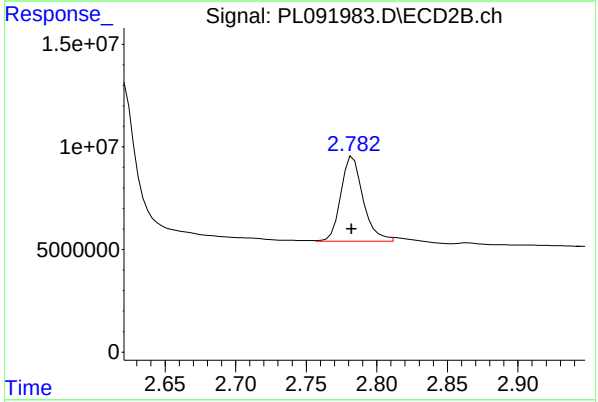
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 mi
Response: 38364016
Conc: 17.24 ng/m

Instrument :
ECD_L
ClientSampleId :
WC-14-5-7.5B

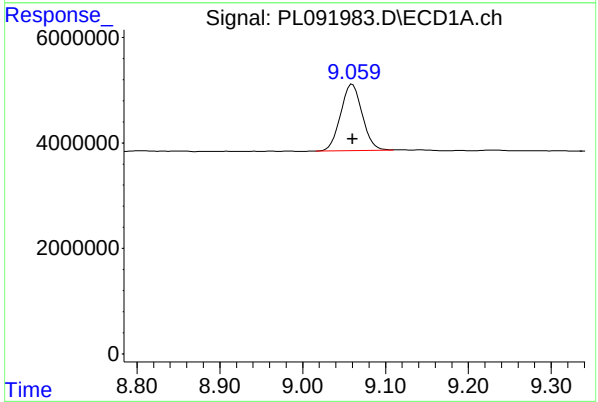
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



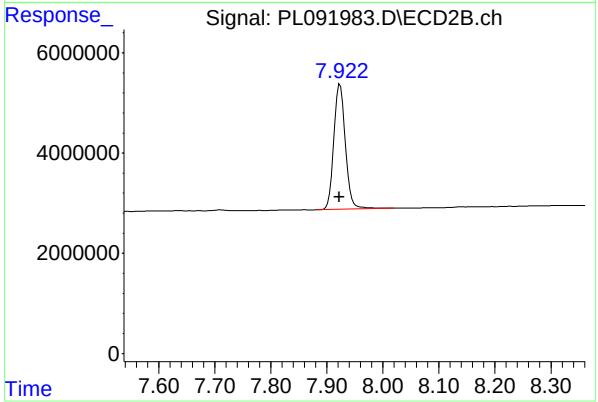
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45304227
Conc: 18.06 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 22900593
Conc: 13.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 35903266
Conc: 14.35 ng/ml

Raw Data: **PL091984.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10A	SDG No.:	P4103
Lab Sample ID:	P4103-11	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091984.D	1	09/20/24 11:45	09/23/24 18:28	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.5		30 (43) - 150 (140)	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		30 (77) - 150 (126)	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

Quantitation Report (QT Reviewed)

Sample Results: **PL091984.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:28
Operator : AR\AJ
Sample : P4103-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10A

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:10:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.782	35965652	52673585	16.167m	21.002m#
28)	SA Decachlor...	9.059	7.924	23590804	36237948	14.400m	14.484
	Target Compounds						

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

Sample Results: **PL091984.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:28
Operator : AR\AJ
Sample : P4103-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

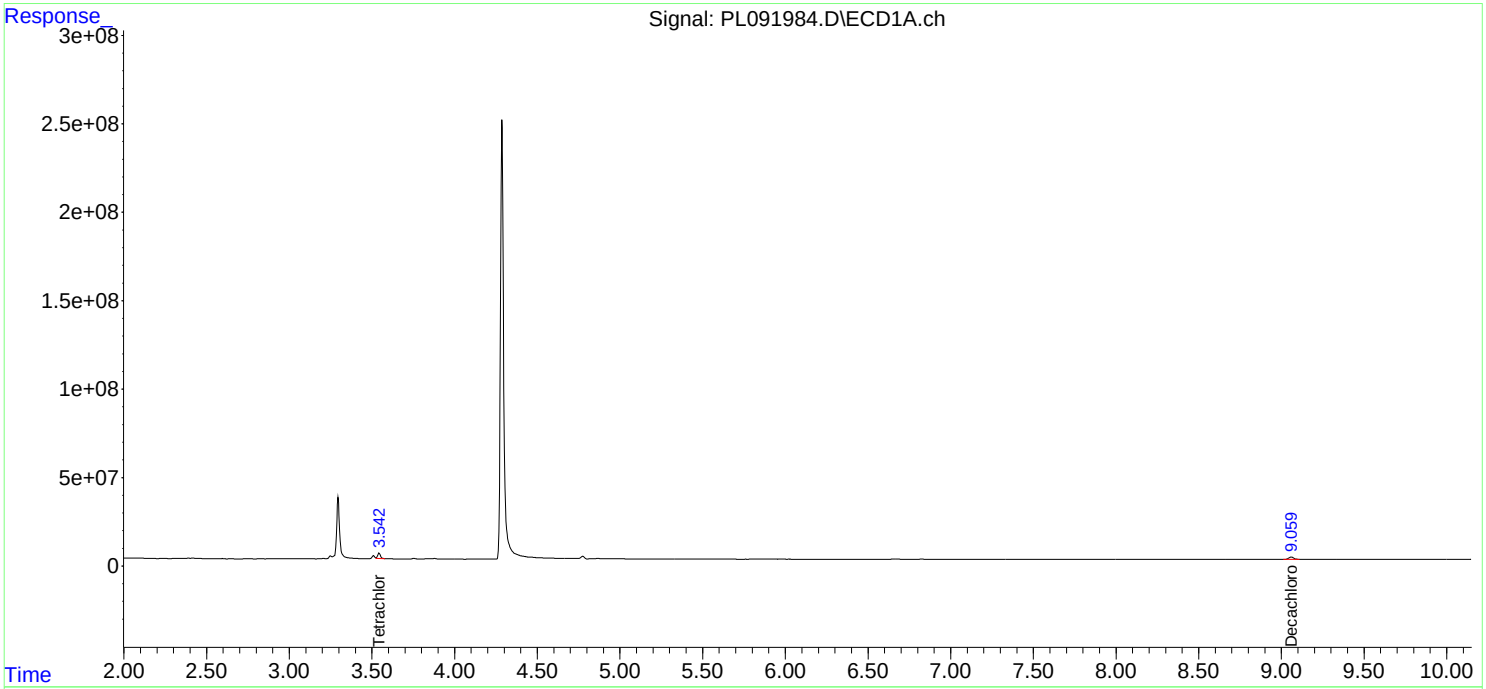
Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10A

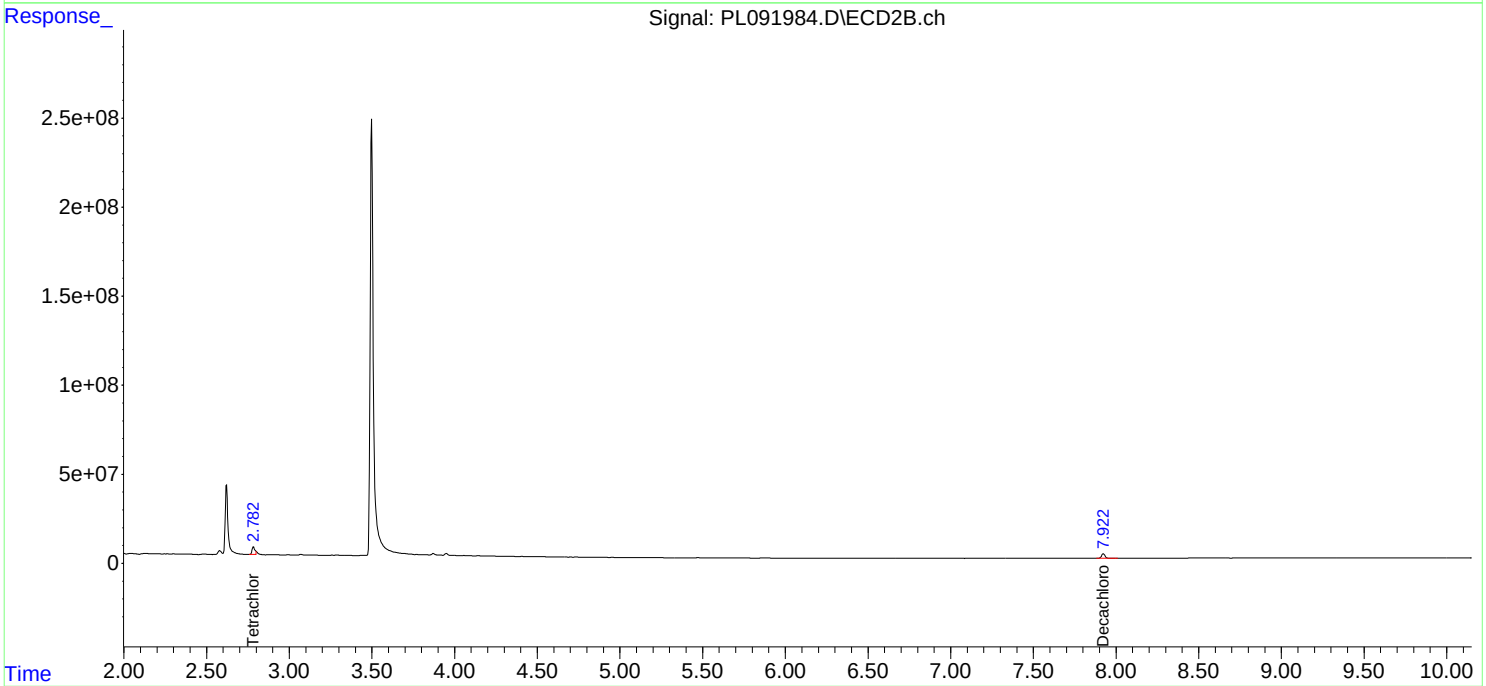
Manual Integrations APPROVED

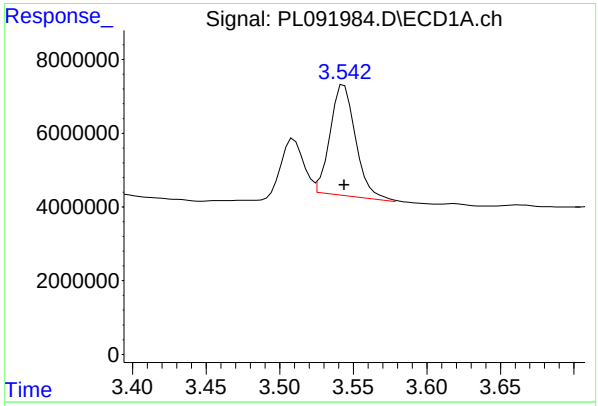
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:10:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







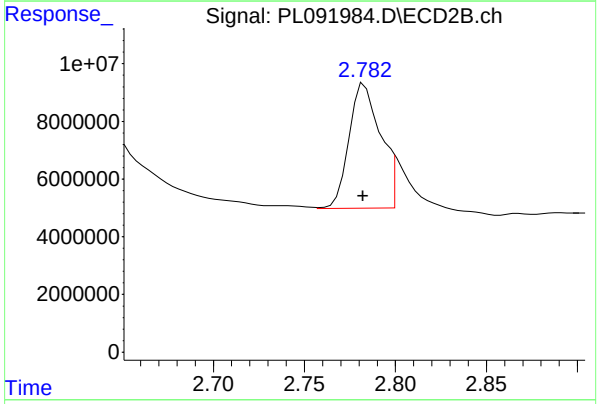
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 mi
Response: 35965652
Conc: 16.17 ng/m

Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10A

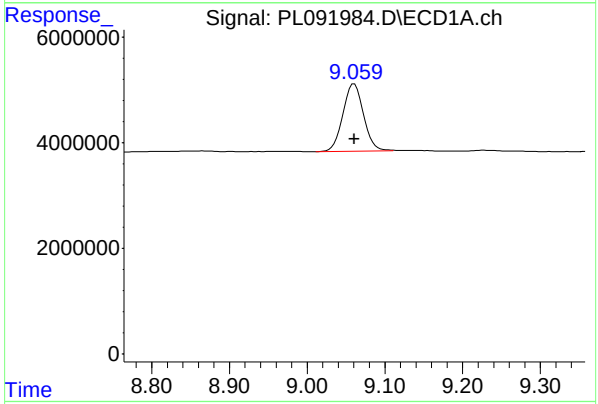
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



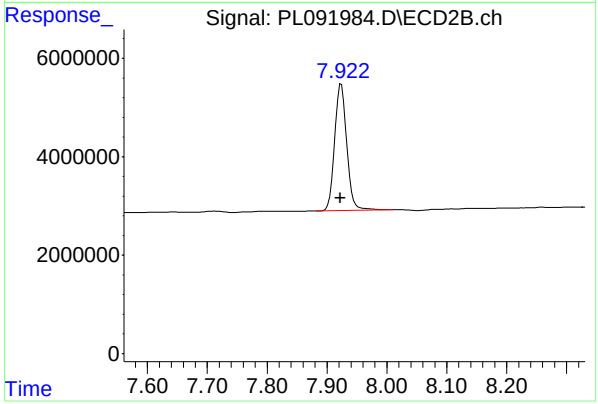
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 52673585
Conc: 21.00 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 23590804
Conc: 14.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 36237948
Conc: 14.48 ng/ml

Raw Data: **PL091985.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10B	SDG No.:	P4103
Lab Sample ID:	P4103-14	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091985.D	1	09/20/24 11:45	09/23/24 18:41	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		30 (43) - 150 (140)	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		30 (77) - 150 (126)	91%	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: **PL091985.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:41
Operator : AR\AJ
Sample : P4103-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10B

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:10:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.783	34810261	45843118	15.647m	18.278
28)	SA Decachlor...	9.060	7.923	26718708	41560352	16.309m	16.611
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:41
Operator : AR\AJ
Sample : P4103-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

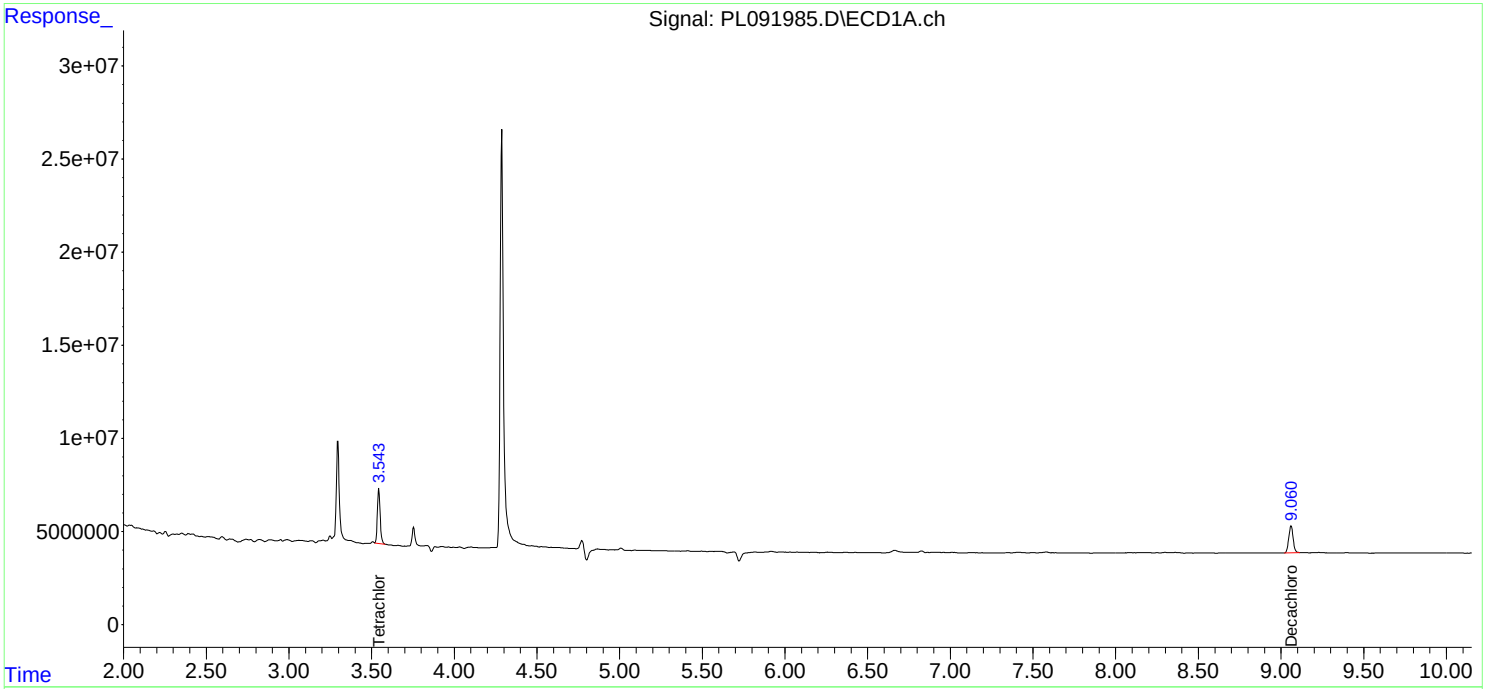
Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10B

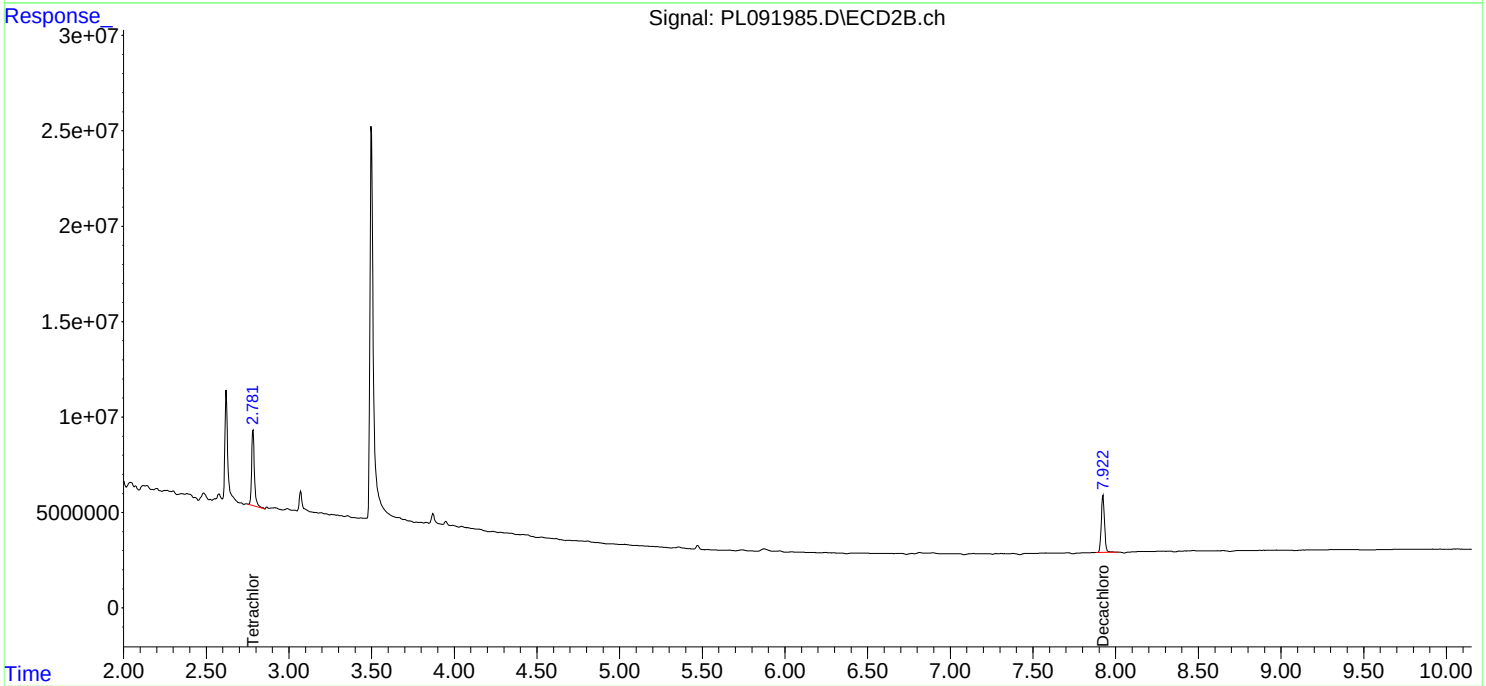
Manual Integrations APPROVED

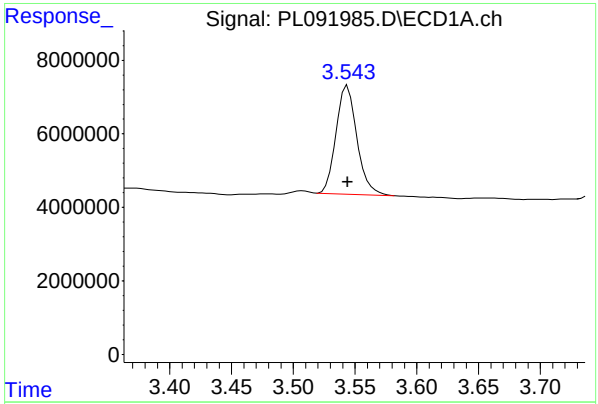
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:10:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







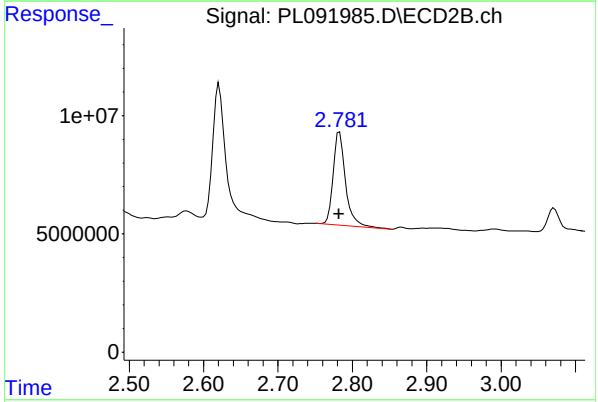
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 mi
Response: 34810261
Conc: 15.65 ng/m

Instrument :
ECD_L
ClientSampleId :
WC-14-7.5-10B

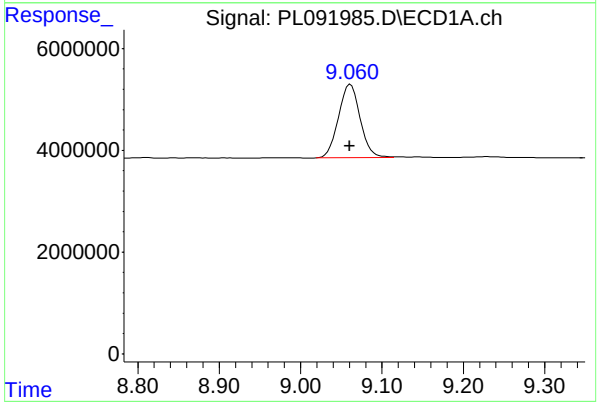
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



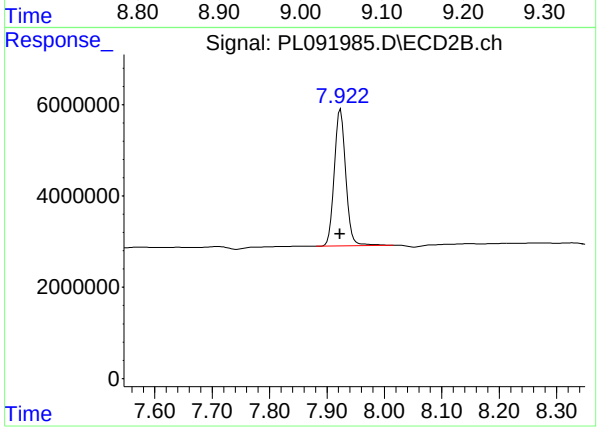
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 45843118
Conc: 18.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 26718708
Conc: 16.31 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 41560352
Conc: 16.61 ng/ml

Raw Data: **PL091986.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-23	SDG No.:	P4103
Lab Sample ID:	P4103-17	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091986.D	1	09/20/24 11:45	09/23/24 18:55	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		30 (43) - 150 (140)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		30 (77) - 150 (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

Quantitation Report (QT Reviewed)

Sample Results: **PL091986.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:55
Operator : AR\AJ
Sample : P4103-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-23

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:11:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.783	39183015	51102339	17.613m	20.375
28)	SA Decachlor...	9.059	7.923	33216158	50987576	20.276m	20.379
	Target Compounds						

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

Sample Results: **PL091986.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 18:55
Operator : AR\AJ
Sample : P4103-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

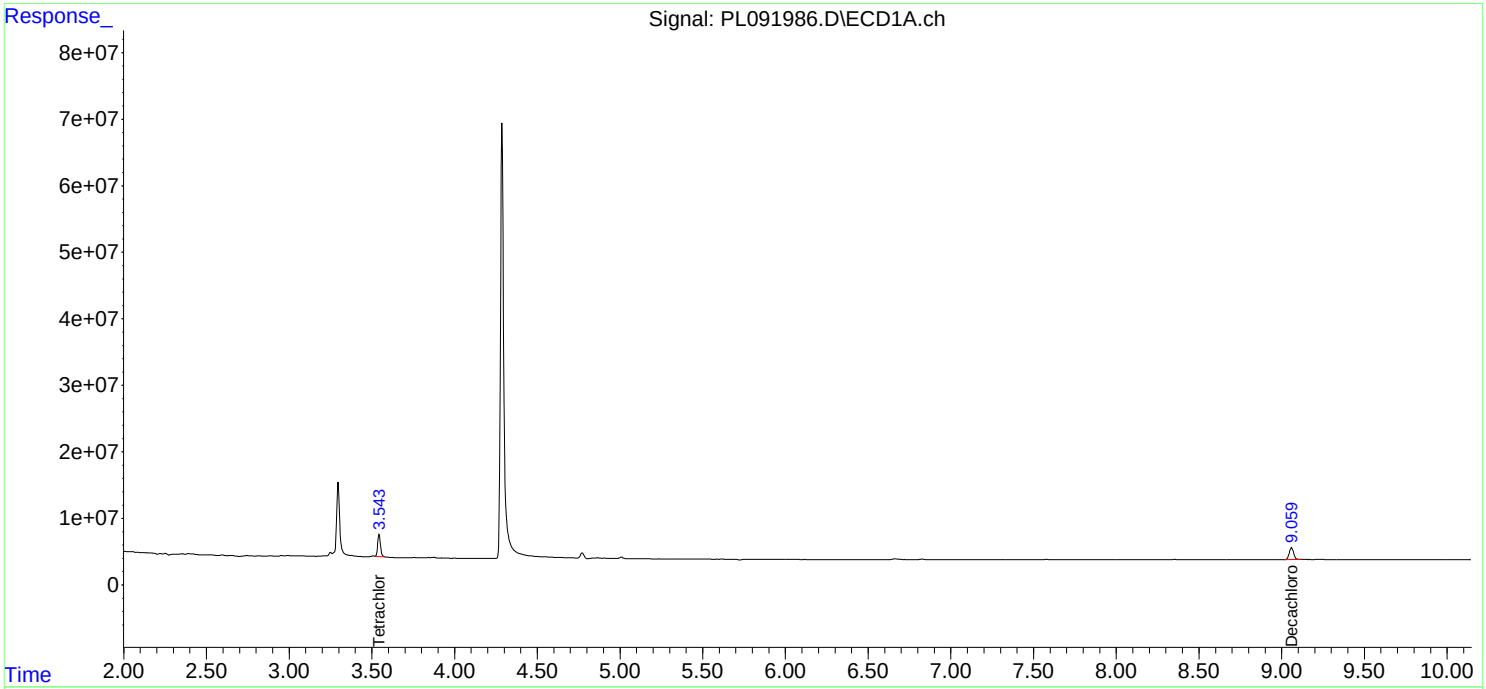
Instrument :
ECD_L
ClientSampleId :
WC-23

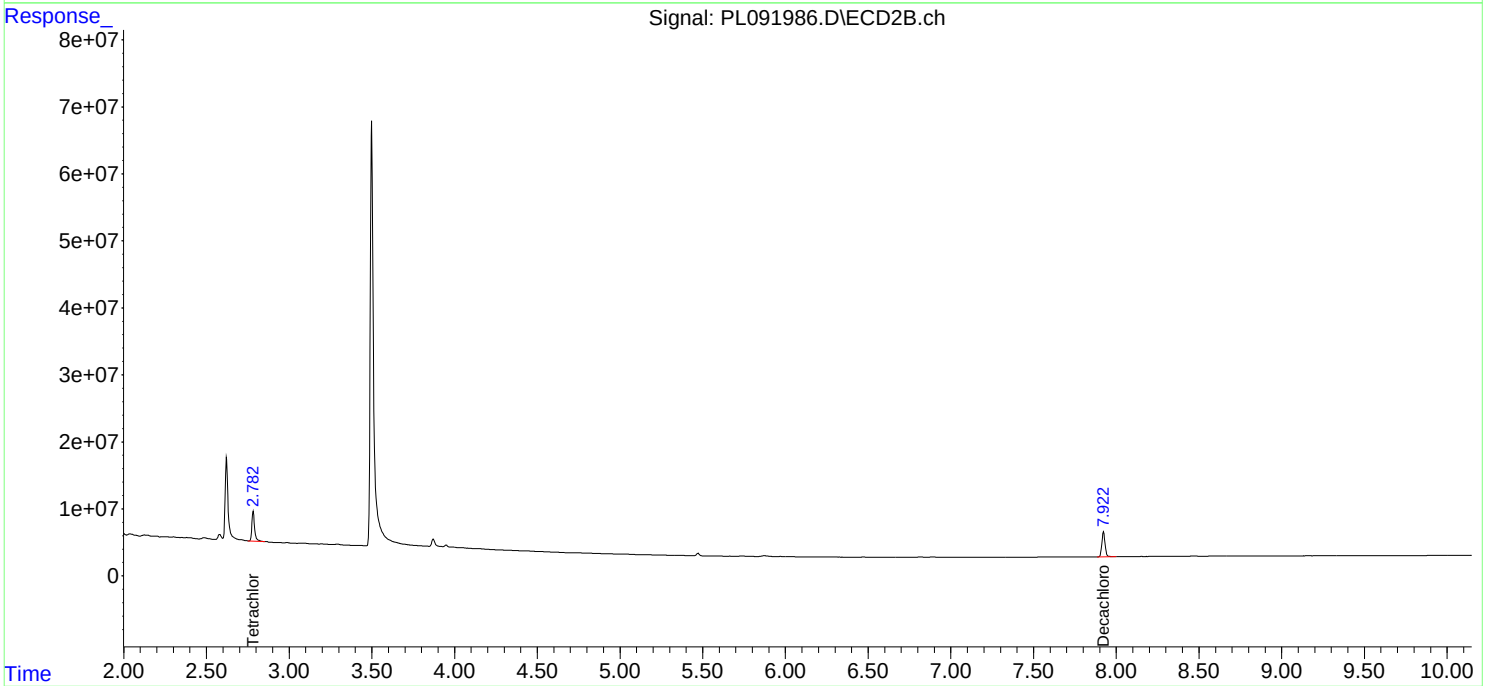
Manual Integrations APPROVED

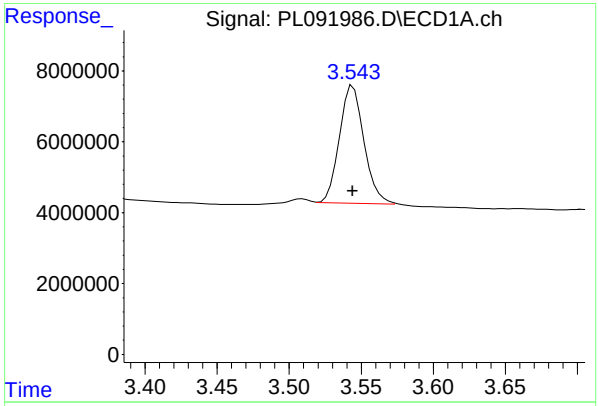
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:11:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







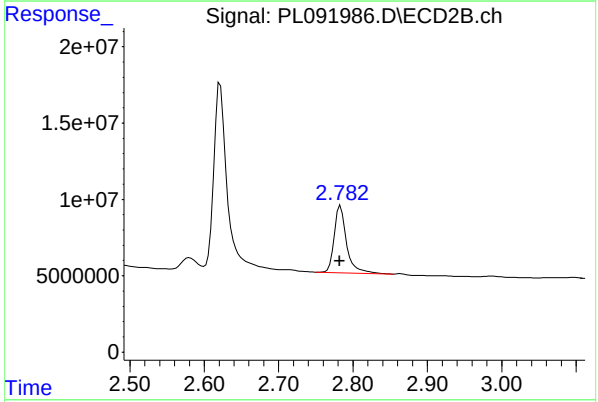
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 mi
Response: 39183015
Conc: 17.61 ng/m

Instrument :
ECD_L
ClientSampleId :
WC-23

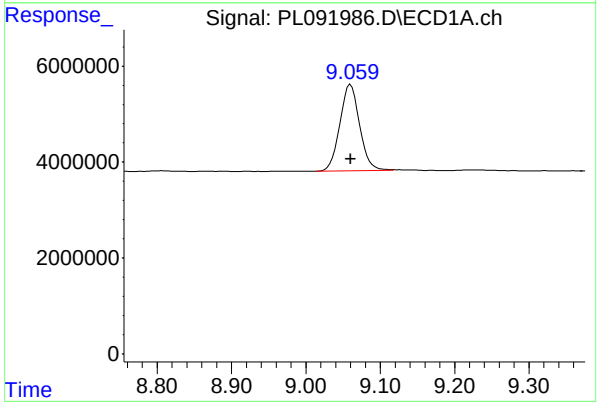
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



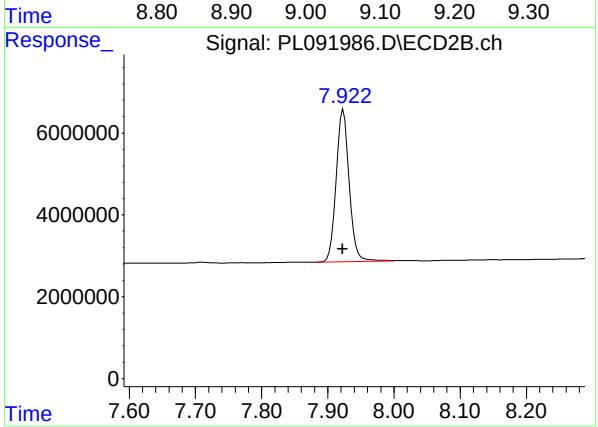
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 51102339
Conc: 20.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 33216158
Conc: 20.28 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 50987576
Conc: 20.38 ng/ml

Raw Data: **PL091987.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	09/20/24
Client Sample ID:	PB163511TB	SDG No.:	P4103
Lab Sample ID:	PB163511TB	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091987.D	1	09/20/24 11:45	09/23/24 19:08	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		30 (43) - 150 (140)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		30 (77) - 150 (126)	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

Sample Results: **PL091987.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:08
Operator : AR\AJ
Sample : PB163511TB
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163511TB

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:12:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.781	41789068	46231147	18.784	18.433m
28)	SA Decachlor...	9.061	7.923	31789638	47926524	19.405	19.156
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:08
Operator : AR\AJ
Sample : PB163511TB
Misc :
ALS Vial : 36 Sample Multiplier: 1

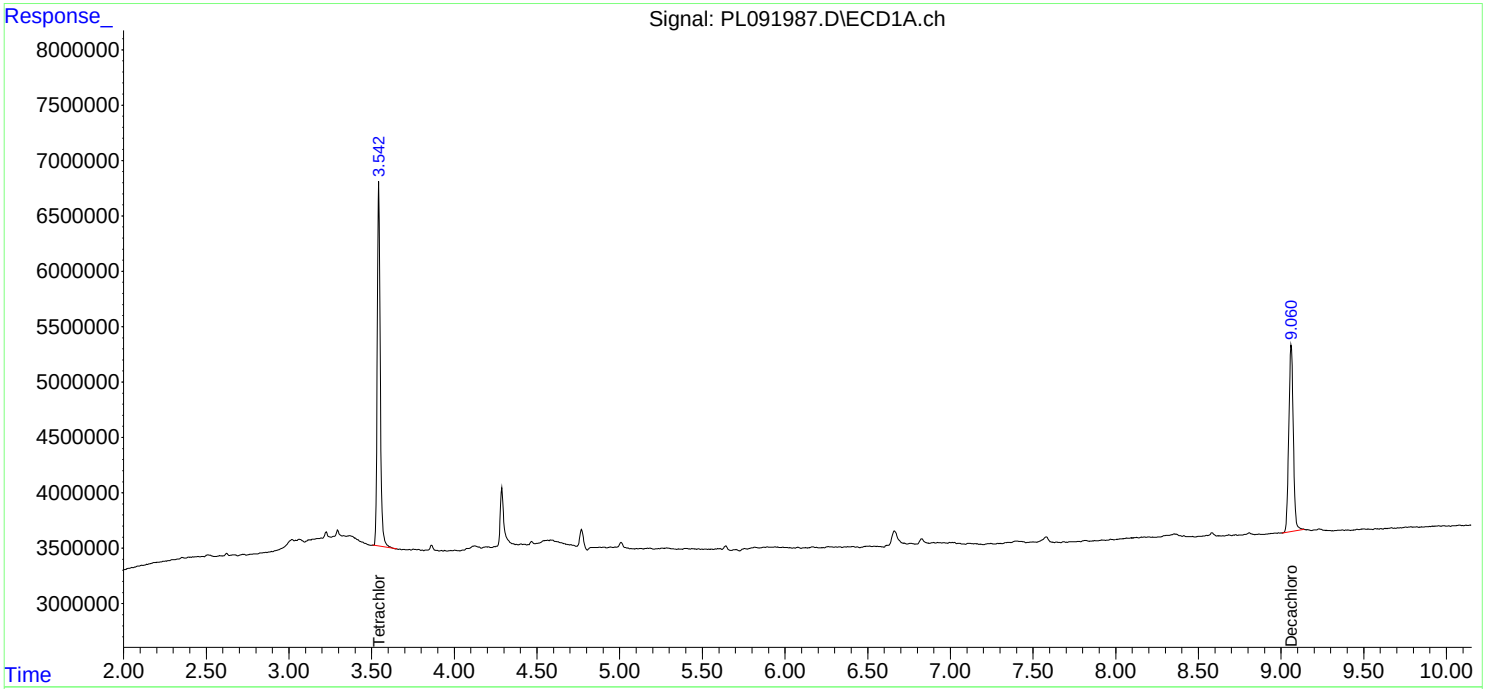
Instrument :
ECD_L
ClientSampleId :
PB163511TB

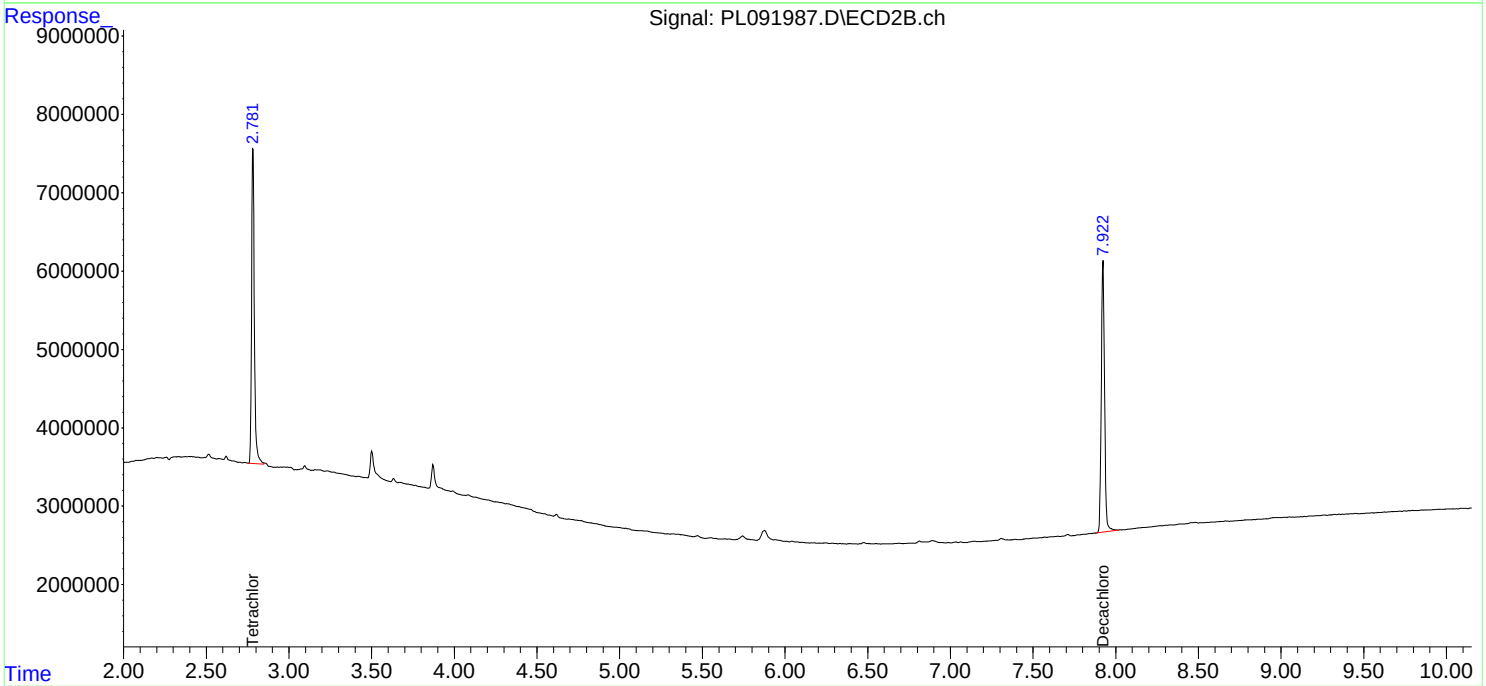
Manual Integrations APPROVED

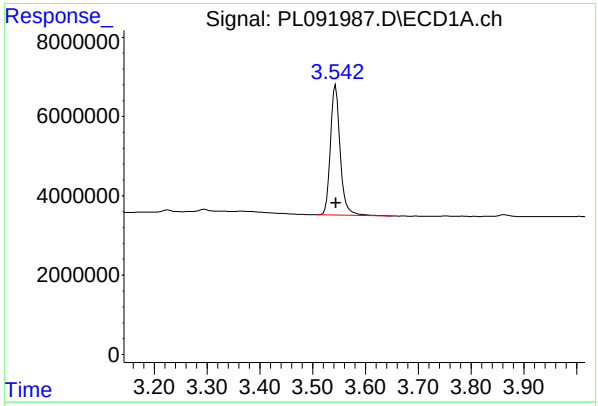
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:12:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







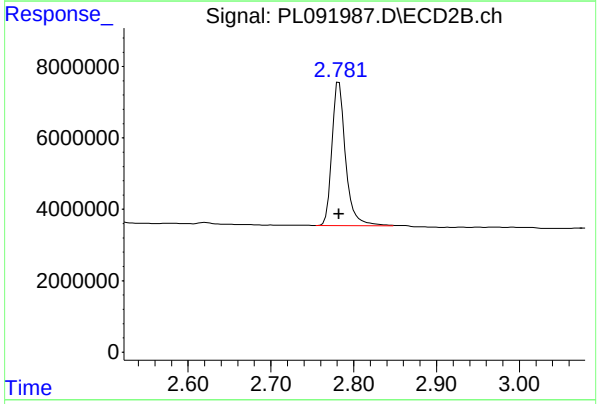
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 mi
Response: 41789068
Conc: 18.78 ng/m

Instrument :
ECD_L
ClientSampleId :
PB163511TB

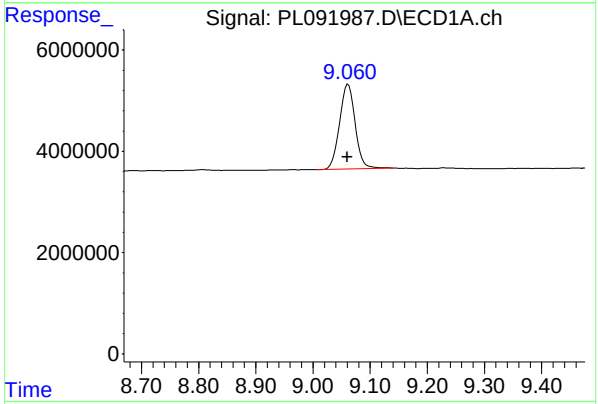
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



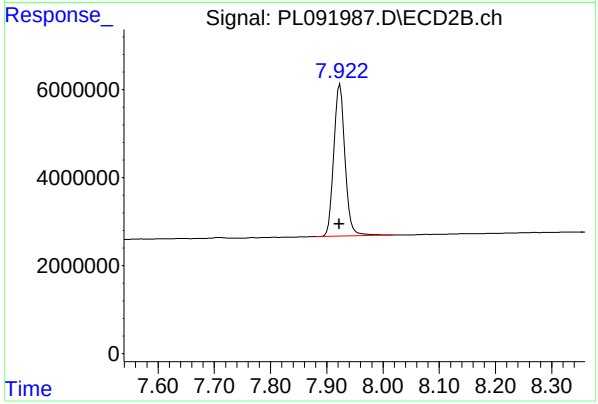
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 46231147
Conc: 18.43 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 31789638
Conc: 19.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 47926524
Conc: 19.16 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: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: RT 100 = PL091956.D RT 075 = PL091957.D

RT 050 = PL091958.D RT 025 = PL091959.D RT 005 = PL091960.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Endrin	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
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: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: **RT 100 =** PL091956.D **RT 075 =** PL091957.D

RT 050 = PL091958.D **RT 025 =** PL091959.D **RT 005 =** PL091960.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	7.92	7.92	7.92	7.92	7.92	7.92	7.82	8.02
Endrin	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
gamma-BHC (Lindane)	3.62	3.62	3.62	3.62	3.62	3.62	3.52	3.72
Heptachlor	3.96	3.96	3.96	3.96	3.96	3.95	3.85	4.05
Heptachlor epoxide	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Methoxychlor	6.62	6.62	6.62	6.62	6.62	6.62	6.52	6.72
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: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L

Calibration Date(s): 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: **CF 100 =** PL091956.D **CF 075 =** PL091957.D

CF 050 = PL091958.D **CF 025 =** PL091959.D **CF 005 =** PL091960.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1514180000	1546290000	1590790000	1642930000	1896960000	1638230000	9
Endrin	1940880000	1934170000	1971650000	2016300000	2440480000	2060700000	10
gamma-BHC (Lindane)	2990410000	2948600000	2949110000	2954630000	3651280000	3098800000	10
Heptachlor	2590450000	2581810000	2624270000	2731930000	3298830000	2765460000	11
Heptachlor epoxide	2355250000	2419410000	2410600000	2493740000	3045980000	2544990000	11
Methoxychlor	913738000	926950000	954169000	973623000	1140080000	981712000	9
Tetrachloro-m-xylene	2128490000	2125270000	2145440000	2197480000	2526630000	2224660000	8

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L

Calibration Date(s): 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: **CF 100 =** PL091956.D **CF 075 =** PL091957.D

CF 050 = PL091958.D **CF 025 =** PL091959.D **CF 005 =** PL091960.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2374340000	2399600000	2428470000	2478660000	2828640000	2501940000	7
Endrin	2724440000	2642180000	2624570000	2477520000	2642190000	2622180000	3
gamma-BHC (Lindane)	3775710000	3629090000	3577820000	3312530000	3359720000	3530980000	5
Heptachlor	3553790000	3434350000	3431490000	3238430000	3595010000	3450610000	4
Heptachlor epoxide	3090900000	2996730000	3012410000	2873000000	3141390000	3022890000	3
Methoxychlor	1228030000	1222750000	1234080000	1223180000	1343690000	1250350000	4
Tetrachloro-m-xylene	2544530000	2497760000	2476670000	2384990000	2636430000	2508080000	4

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L **Date(s) Analyzed:** 09/23/2024 09/23/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	98915300
		2	5.24	5.14	5.34	102853000
		3	5.95	5.85	6.05	355337000
		4	6.03	5.93	6.13	432063000
		5	6.88	6.78	6.98	84140800
Toxaphene	500	1	6.24	6.14	6.34	22665300
		2	6.45	6.35	6.55	13922000
		3	7.06	6.96	7.16	70960500
		4	7.15	7.05	7.25	53851200
		5	7.94	7.84	8.04	39727000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Instrument ID: ECD_L **Date(s) Analyzed:** 09/23/2024 09/23/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.78	3.68	3.88	98097600
		2	4.36	4.26	4.46	109311000
		3	4.99	4.89	5.09	329535000
		4	5.05	4.95	5.15	315560000
		5	5.95	5.85	6.05	108292000
Toxaphene	500	1	5.01	4.91	5.11	18093600
		2	5.34	5.24	5.44	17271700
		3	6.61	6.51	6.71	63995900
		4	6.74	6.64	6.84	88666300
		5	7.05	6.95	7.15	60349700

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:32
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: Sep 23 12:39:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	212.8E6	254.5E6	99.603	101.351
28)	SA	Decachlor...	9.060	7.923	151.4E6	237.4E6	97.533	98.873
		Target Compounds						
2)	A	alpha-BHC	4.000	3.286	307.7E6	393.8E6	101.499	103.244
3)	MA	gamma-BHC...	4.332	3.616	299.0E6	377.6E6	100.695	102.691
4)	MA	Heptachlor	4.921	3.955	259.0E6	355.4E6	99.351	101.751
5)	MB	Aldrin	5.263	4.236	264.1E6	359.3E6	99.985	102.476
6)	B	beta-BHC	4.529	3.915	123.4E6	148.3E6	98.567	100.580
7)	B	delta-BHC	4.777	4.145	284.1E6	372.6E6	101.111	103.000
8)	B	Heptachlo...	5.689	4.738	235.5E6	309.1E6	98.839	101.286
9)	A	Endosulfan I	6.074	5.108	214.9E6	281.6E6	98.662	101.348
10)	B	gamma-Chl...	5.945	4.989	232.3E6	313.6E6	99.274	102.079
11)	B	alpha-Chl...	6.024	5.052	230.6E6	308.5E6	98.969	101.565
12)	B	4,4'-DDE	6.197	5.241	206.7E6	293.7E6	99.873	102.451
13)	MA	Dieldrin	6.350	5.373	230.0E6	308.6E6	99.366	102.298
14)	MA	Endrin	6.579	5.648	194.1E6	272.4E6	99.214	101.867
15)	B	Endosulfa...	6.799	5.942	199.3E6	256.1E6	98.261	101.079
16)	A	4,4'-DDD	6.714	5.796	165.4E6	226.8E6	99.250	102.911
17)	MA	4,4'-DDT	7.028	6.046	173.4E6	245.6E6	99.419	102.637
18)	B	Endrin al...	6.929	6.122	158.4E6	203.5E6	98.026	100.378
19)	B	Endosulfa...	7.163	6.345	182.0E6	244.3E6	98.141	100.831
20)	A	Methoxychlor	7.503	6.622	91373843	122.8E6	97.836	99.754
21)	B	Endrin ke...	7.648	6.850	205.6E6	281.2E6	98.819	100.586
22)		Mirex	8.122	7.031	160.9E6	228.3E6	97.006	98.712

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

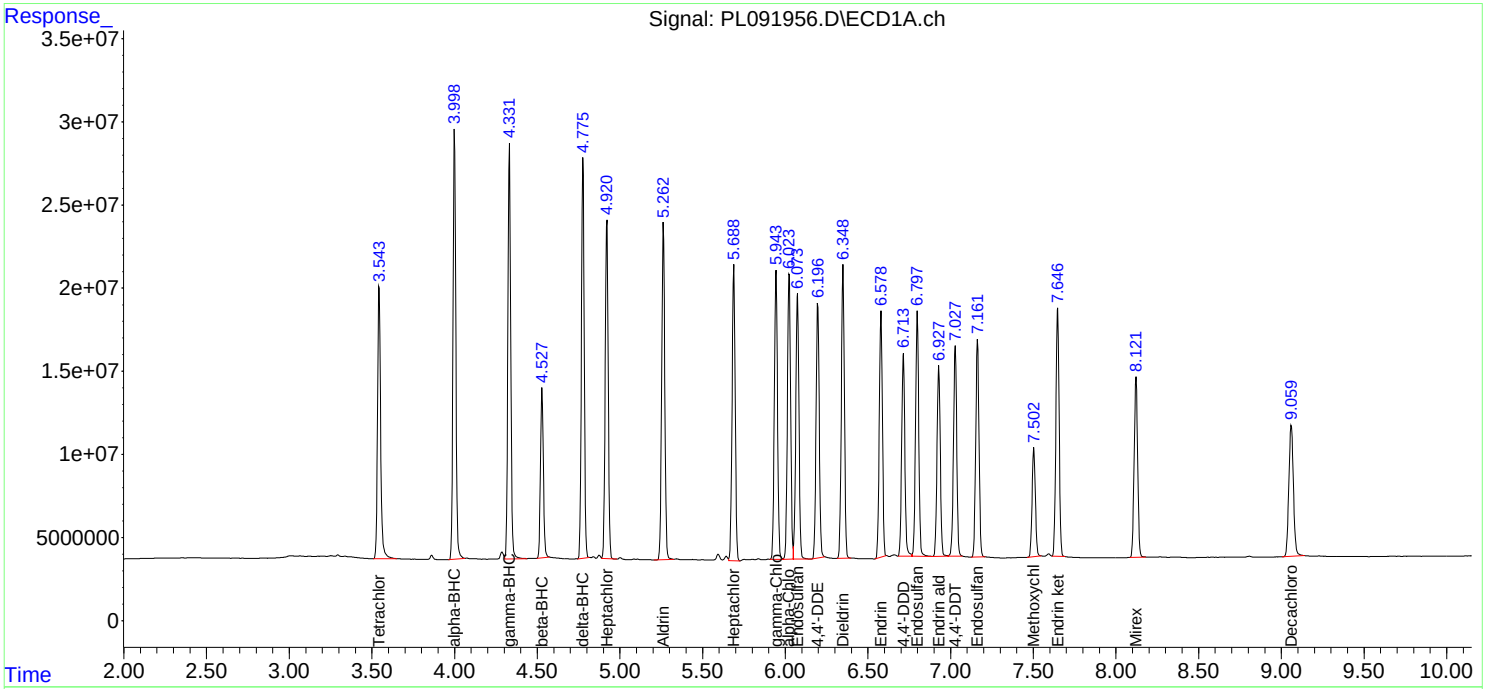
ICAL Form

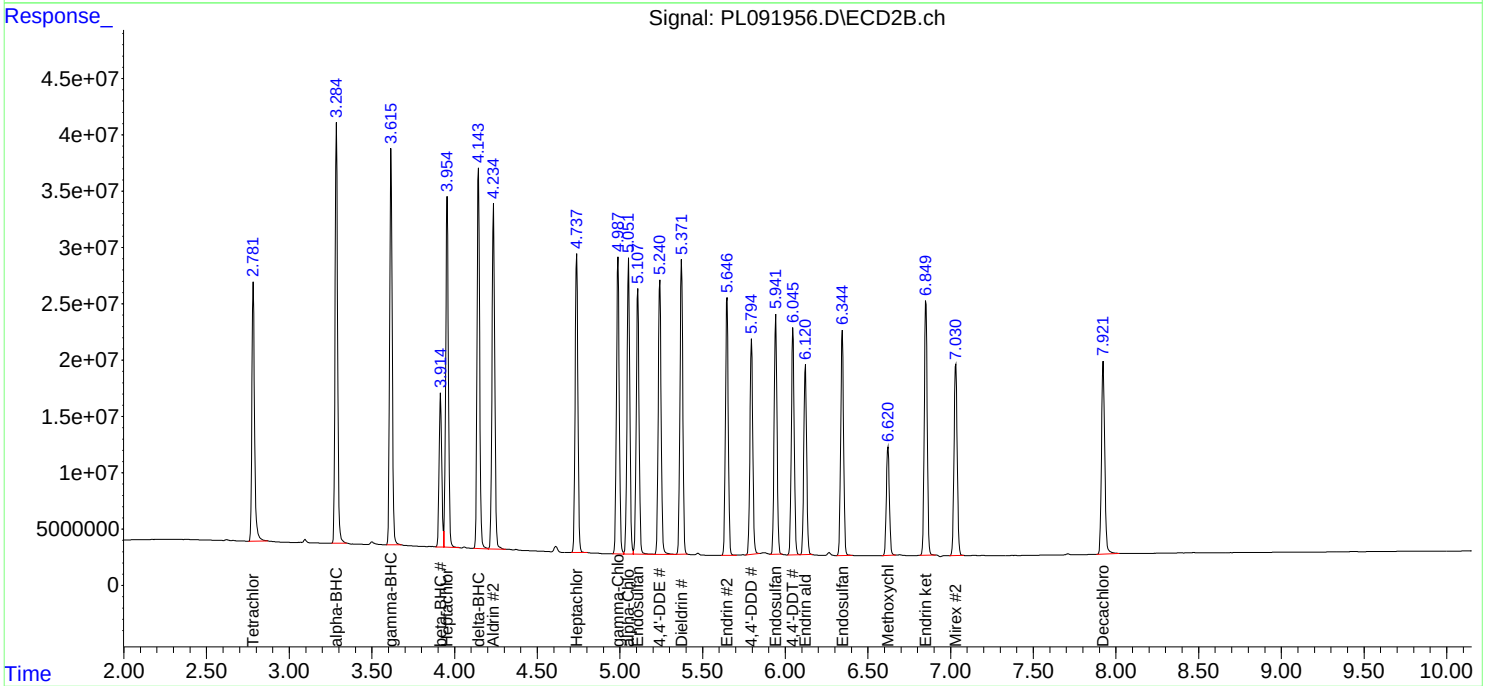
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:32
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:39:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:45
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: Sep 23 12:41:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	159.4E6	187.3E6	74.726	74.744
28)	SA	Decachlor...	9.060	7.924	116.0E6	180.0E6	74.800	74.962
		Target Compounds						
2)	A	alpha-BHC	3.999	3.286	225.8E6	284.0E6	74.655	74.640
3)	MA	gamma-BHC...	4.332	3.616	221.1E6	272.2E6	74.643	74.349
4)	MA	Heptachlor	4.921	3.955	193.6E6	257.6E6	74.508	74.161
5)	MB	Aldrin	5.263	4.235	195.5E6	259.2E6	74.349	74.269
6)	B	beta-BHC	4.530	3.915	92650426	108.6E6	74.347	74.115
7)	B	delta-BHC	4.777	4.145	206.8E6	268.5E6	74.062	74.471
8)	B	Heptachlo...	5.689	4.739	181.5E6	224.8E6	75.762	74.095
9)	A	Endosulfan I	6.074	5.108	161.4E6	205.2E6	74.409	74.223
10)	B	gamma-Chl...	5.945	4.988	172.9E6	226.5E6	74.253	74.159
11)	B	alpha-Chl...	6.024	5.052	172.6E6	223.8E6	74.395	74.108
12)	B	4,4'-DDE	6.197	5.241	153.4E6	211.6E6	74.435	74.206
13)	MA	Dieldrin	6.349	5.373	171.9E6	223.4E6	74.506	74.360
14)	MA	Endrin	6.579	5.648	145.1E6	198.2E6	74.433	74.393
15)	B	Endosulfa...	6.798	5.943	150.5E6	187.3E6	74.463	74.283
16)	A	4,4'-DDD	6.714	5.796	123.5E6	163.3E6	74.434	74.400
17)	MA	4,4'-DDT	7.028	6.047	130.2E6	177.8E6	74.751	74.550
18)	B	Endrin al...	6.929	6.122	120.3E6	150.3E6	74.659	74.427
19)	B	Endosulfa...	7.163	6.345	137.7E6	178.7E6	74.505	74.166
20)	A	Methoxychlor	7.504	6.622	69521260	91706580	74.624	74.662
21)	B	Endrin ke...	7.648	6.851	154.4E6	207.5E6	74.467	74.480
22)		Mirex	8.121	7.032	123.8E6	172.9E6	74.728	74.836

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

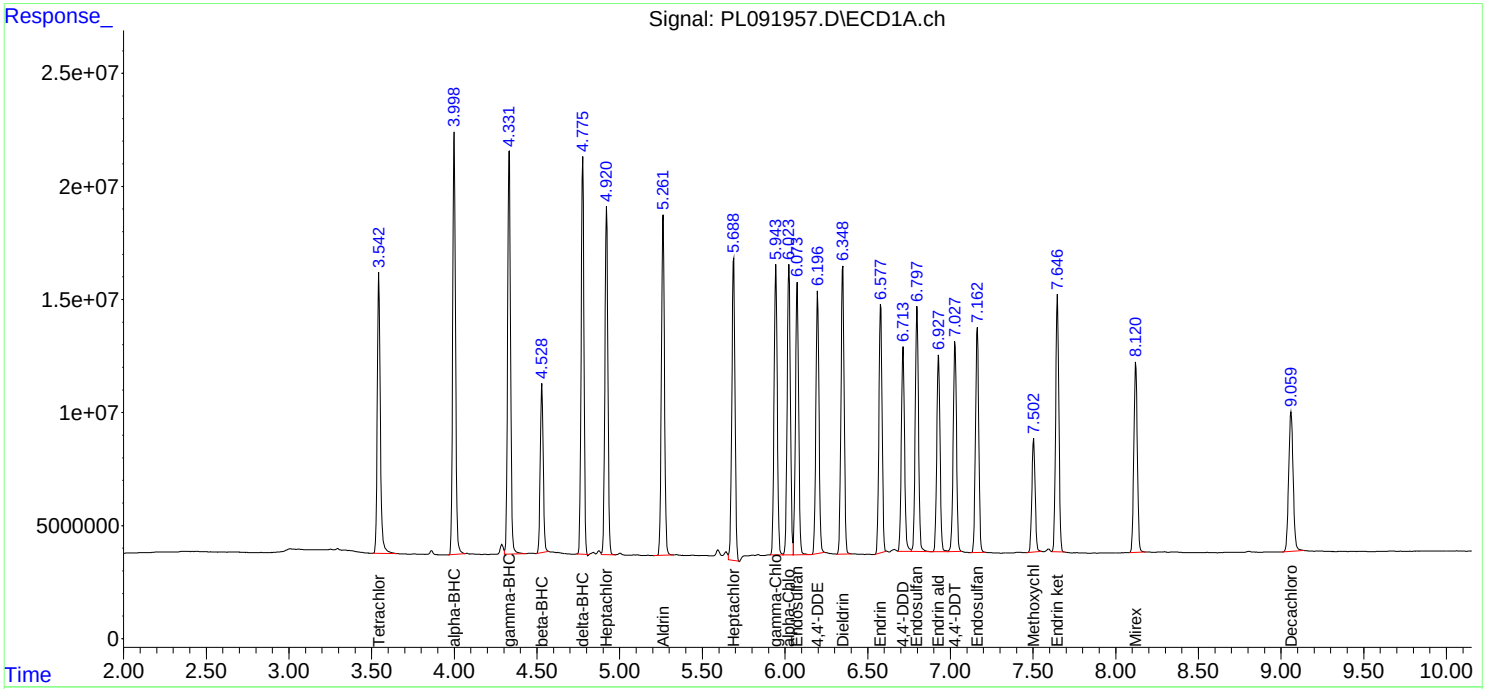
ICAL Form

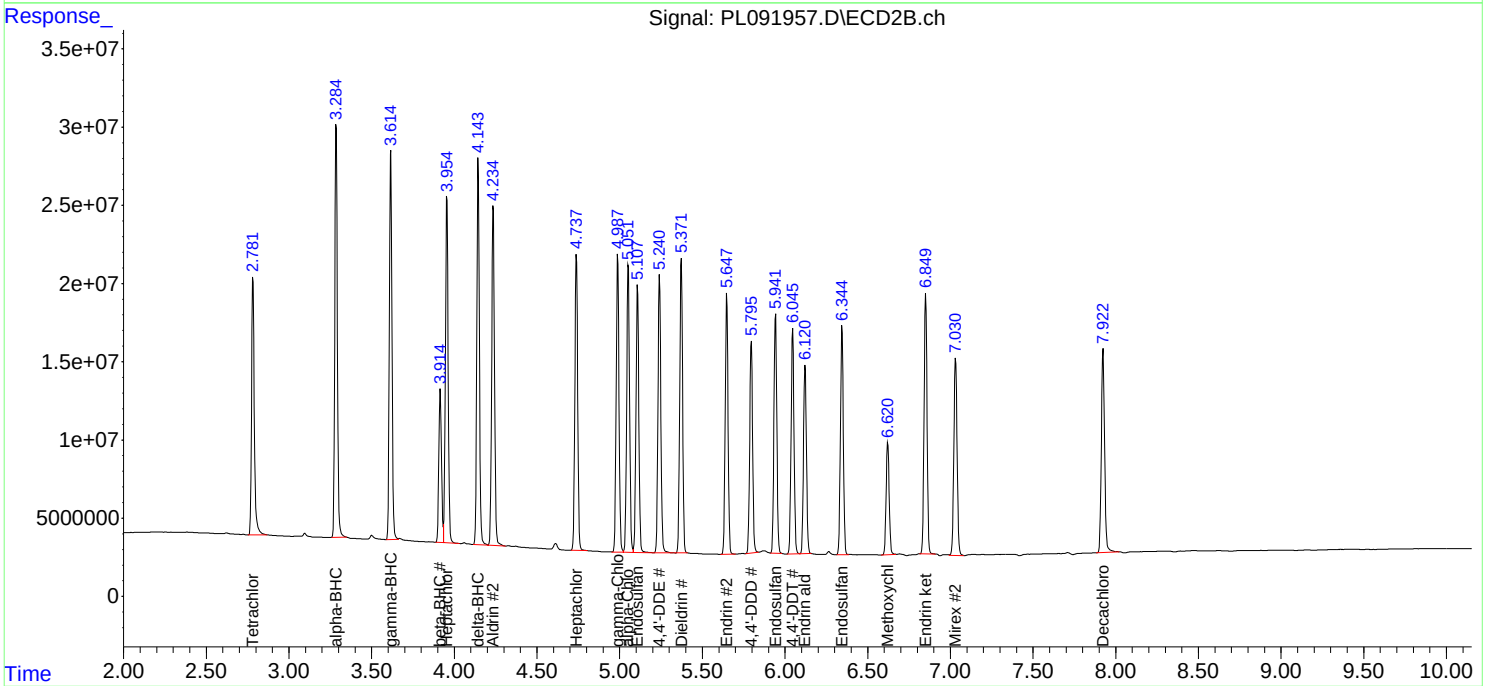
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:45
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:41:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:59
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: Sep 23 12:36:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	107.3E6	123.8E6	50.000	50.000
28)	SA	Decachlor...	9.060	7.923	79539342	121.4E6	50.000	50.000
		Target Compounds						
2)	A	alpha-BHC	3.999	3.286	149.3E6	184.5E6	50.000	50.000
3)	MA	gamma-BHC...	4.332	3.616	147.5E6	178.9E6	50.000	50.000
4)	MA	Heptachlor	4.920	3.955	131.2E6	171.6E6	50.000	50.000
5)	MB	Aldrin	5.263	4.235	132.1E6	171.0E6	50.000	50.000
6)	B	beta-BHC	4.529	3.915	63477159	73292412	50.000	50.000
7)	B	delta-BHC	4.777	4.145	138.9E6	175.5E6	50.000	50.000
8)	B	Heptachlo...	5.689	4.738	120.5E6	150.6E6	50.000	50.000
9)	A	Endosulfan I	6.075	5.108	110.4E6	137.1E6	50.000	50.000
10)	B	gamma-Chl...	5.945	4.988	117.9E6	150.4E6	50.000	50.000
11)	B	alpha-Chl...	6.024	5.052	117.7E6	149.5E6	50.000	50.000
12)	B	4,4'-DDE	6.197	5.241	103.6E6	139.8E6	50.000	50.000
13)	MA	Dieldrin	6.349	5.372	116.5E6	147.4E6	50.000	50.000
14)	MA	Endrin	6.579	5.648	98582726	131.2E6	50.000	50.000
15)	B	Endosulfa...	6.798	5.942	103.2E6	125.3E6	50.000	50.000
16)	A	4,4'-DDD	6.714	5.796	83925087	107.0E6	50.000	50.000
17)	MA	4,4'-DDT	7.028	6.046	87708743	116.5E6	50.000	50.000
18)	B	Endrin al...	6.928	6.122	82365868	101.0E6	50.000	50.000
19)	B	Endosulfa...	7.163	6.344	94470405	120.1E6	50.000	50.000
20)	A	Methoxychlor	7.504	6.621	47708430	61703976	50.000	50.000
21)	B	Endrin ke...	7.648	6.850	105.2E6	138.9E6	50.000	50.000
22)		Mirex	8.121	7.031	85437944	117.1E6	50.000	50.000

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

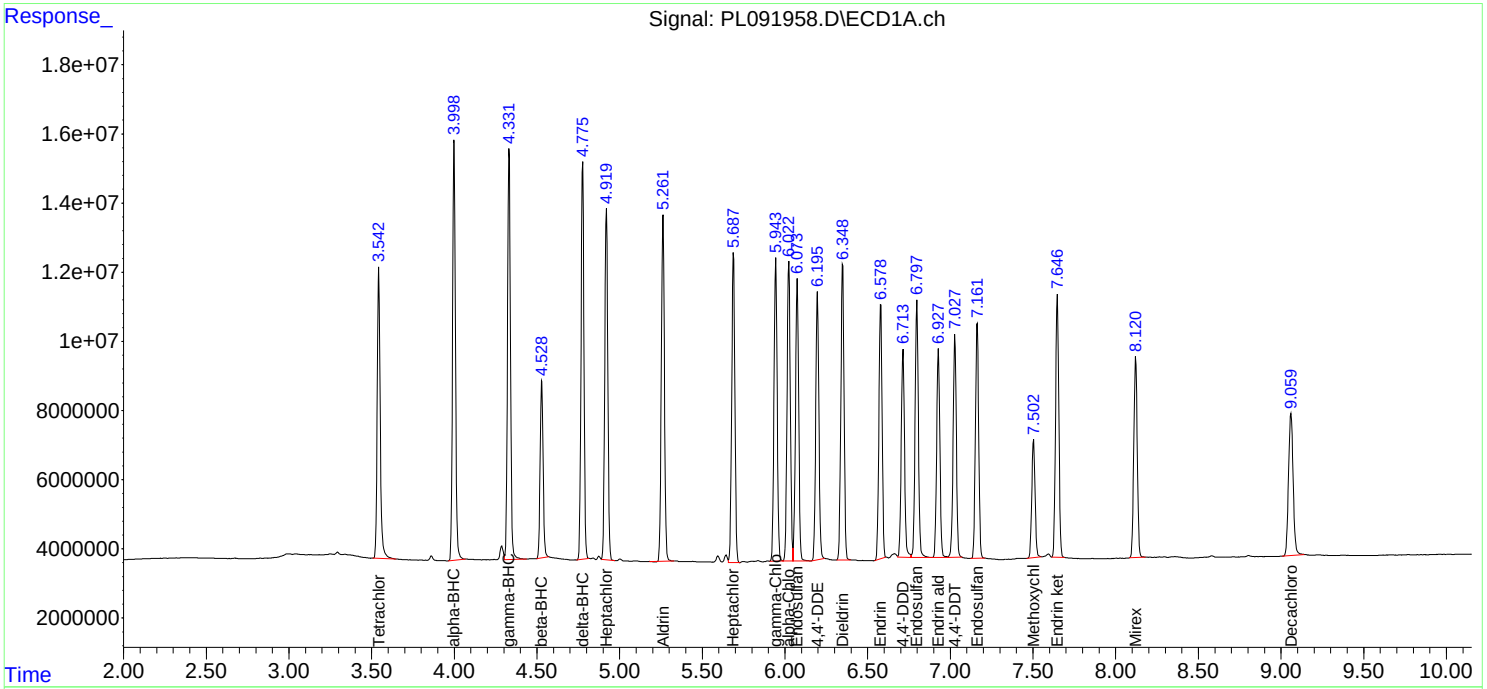
ICAL Form

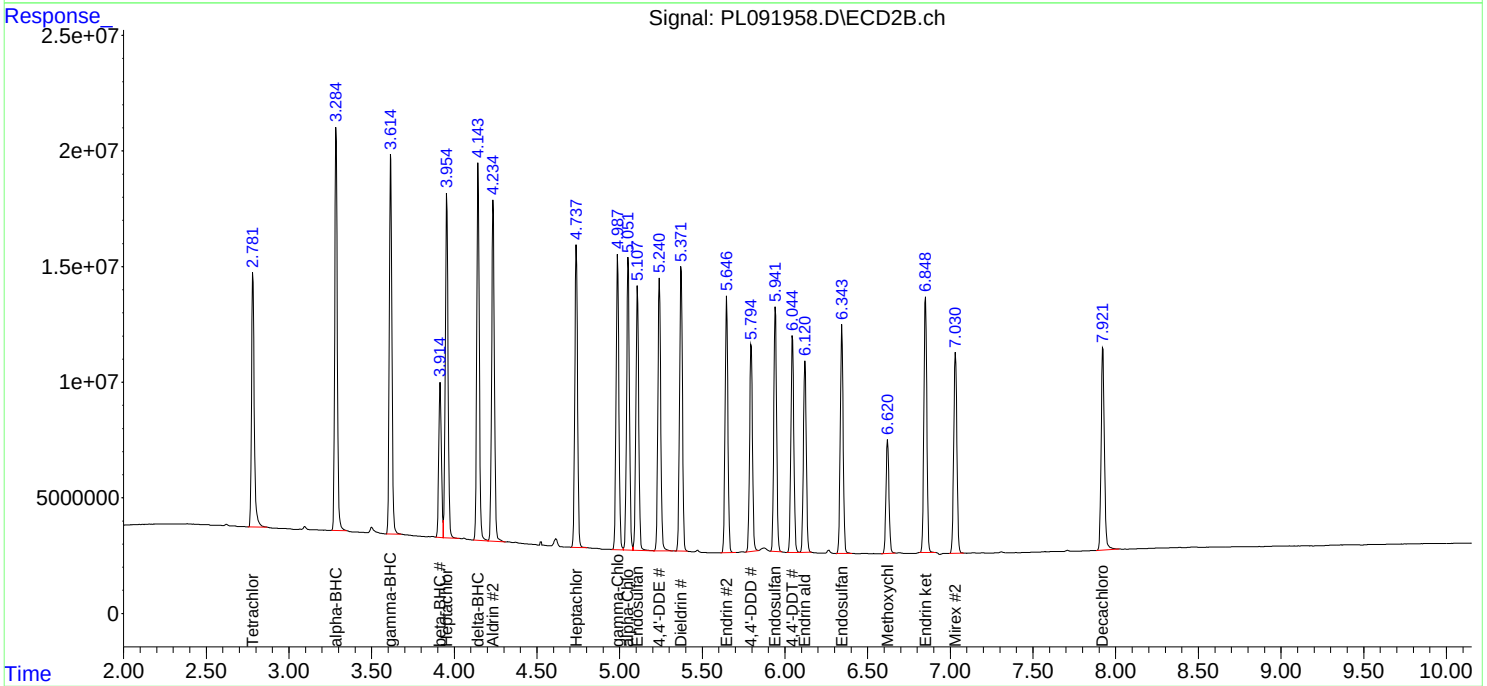
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:59
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:36:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:43:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.782	54937010	59624711	25.562	24.081
28) SA	Decachlor...	9.059	7.923	41073352	61966386	26.102	25.603
	Target Compounds						
2) A	alpha-BHC	3.999	3.286	74074890	85371658	24.618	23.028
3) MA	gamma-BHC...	4.331	3.616	73865719	82813172	24.949	23.172
4) MA	Heptachlor	4.920	3.955	68298152	80960696	25.948	23.711
5) MB	Aldrin	5.262	4.236	67254977	79381808	25.427	23.273
6) B	beta-BHC	4.529	3.915	32575804	35498092	25.846	24.409
7) B	delta-BHC	4.776	4.145	69935067	80745917	25.033	22.996
8) B	Heptachlo...	5.687	4.738	62343383	71825079	25.729m	23.996
9) A	Endosulfan I	6.074	5.108	57087002	65341726	25.971	23.963
10) B	gamma-Chl...	5.945	4.988	60585043	71022919	25.753	23.664
11) B	alpha-Chl...	6.023	5.052	60598011	71035000	25.826	23.875
12) B	4,4'-DDE	6.197	5.241	52611782	65370544	25.389	23.409
13) MA	Dieldrin	6.349	5.372	59510130	68975524	25.589	23.441
14) MA	Endrin	6.579	5.648	50407587	61937887	25.643	23.666
15) B	Endosulfa...	6.799	5.942	54023259	59969308	26.279	24.074
16) A	4,4'-DDD	6.714	5.796	43620120	49823326	25.949	23.231
17) MA	4,4'-DDT	7.028	6.046	45112797	54599950	25.676	23.382
18) B	Endrin al...	6.928	6.121	43011520	49279615	26.244	24.545
19) B	Endosulfa...	7.163	6.344	49193811	57864995	26.187	24.256
20) A	Methoxychlor	7.503	6.621	24340566	30579607	25.836	24.922
21) B	Endrin ke...	7.648	6.850	53814546	66992334	25.715	24.281
22)	Mirex	8.121	7.031	45018343	60930117	26.603	26.015

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

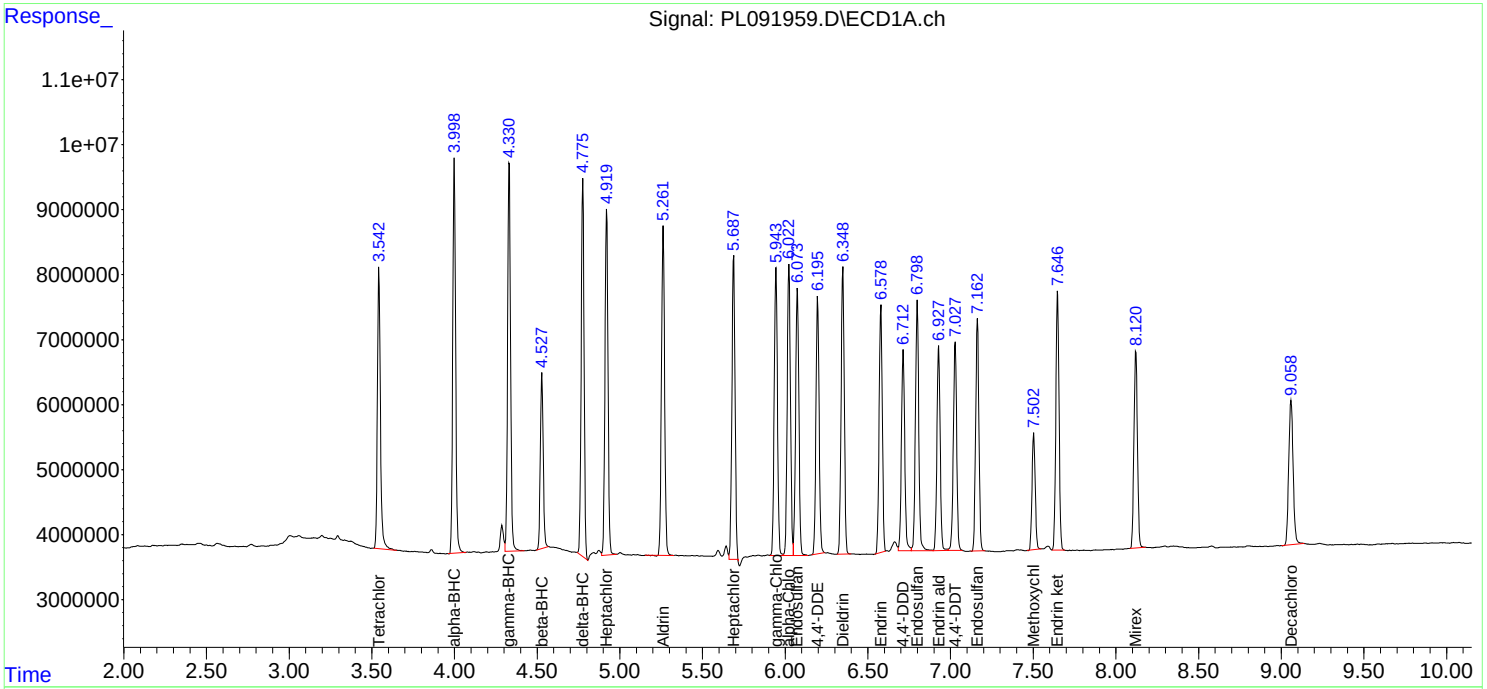
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

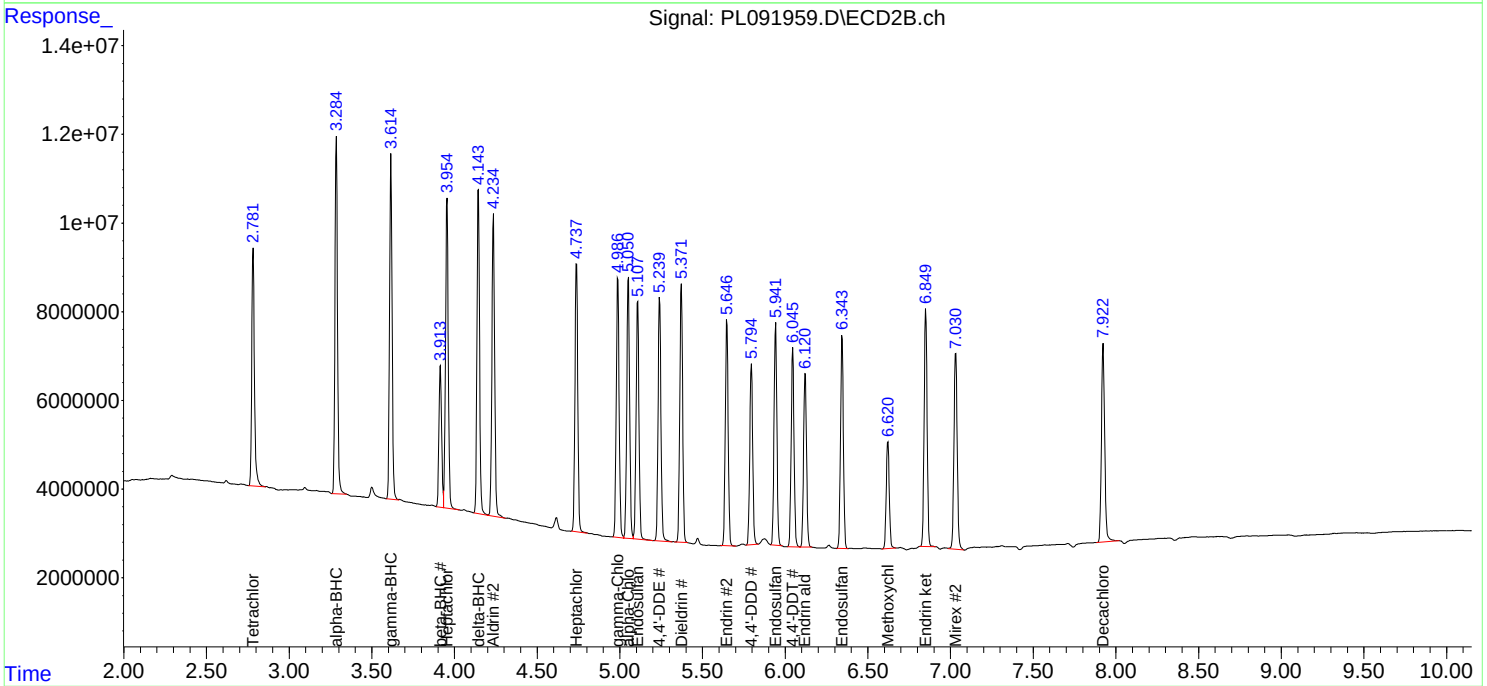
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:43:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:47:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:46:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.782	12633129	13182145	5.679	5.256
28) SA	Decachlor...	9.059	7.923	9484821	14143204	5.790	5.653
	Target Compounds						
2) A	alpha-BHC	3.999	3.285	17234641	16938621	5.566	4.649
3) MA	gamma-BHC...	4.331	3.615	18256381	16798623	5.891	4.758
4) MA	Heptachlor	4.919	3.955	16494140	17975038	5.973m	5.209
5) MB	Aldrin	5.262	4.235	16538396	16809155	5.954	4.942
6) B	beta-BHC	4.529	3.915	7951520	8491709	5.995	5.649
7) B	delta-BHC	4.774	4.144	16230374	16566283	5.661m	4.772
8) B	Heptachlo...	5.687	4.737	15229887	15706926	6.010m	5.196
9) A	Endosulfan I	6.074	5.108	13873483	14080406	5.997	5.130
10) B	gamma-Chl...	5.944	4.988	14729856	15187516	5.961	5.048
11) B	alpha-Chl...	6.023	5.052	14655099	15333163	5.949	5.122
12) B	4,4'-DDE	6.196	5.241	12666670	13620254	5.852	4.901
13) MA	Dieldrin	6.349	5.372	14459648	14445705	5.929	4.927
14) MA	Endrin	6.578	5.647	12202391	13210948	5.921	5.038
15) B	Endosulfa...	6.798	5.942	13878055	12738836	6.309	5.091
16) A	4,4'-DDD	6.713	5.795	11272715	10512441	6.382	4.921
17) MA	4,4'-DDT	7.027	6.046	10890247	11127077	5.915	4.810
18) B	Endrin al...	6.928	6.122	10790390	10863269	6.192	5.323
19) B	Endosulfa...	7.162	6.345	11985801	12600844	6.046	5.223
20) A	Methoxychlor	7.502	6.621	5700396	6718459	5.819m	5.373
21) B	Endrin ke...	7.647	6.848	13084630	14041873	5.954	5.068m
22)	Mirex	8.120	7.031	11179921	13974423	6.208	5.745

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

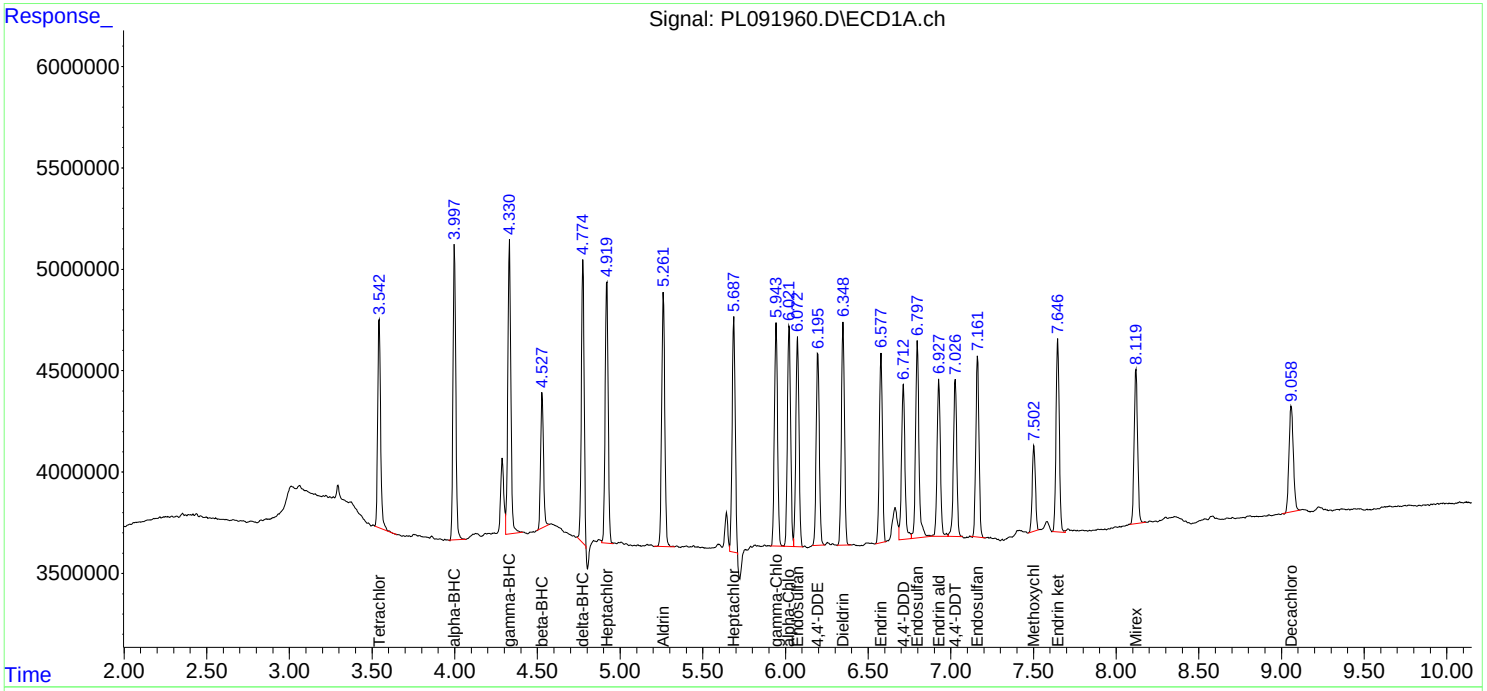
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

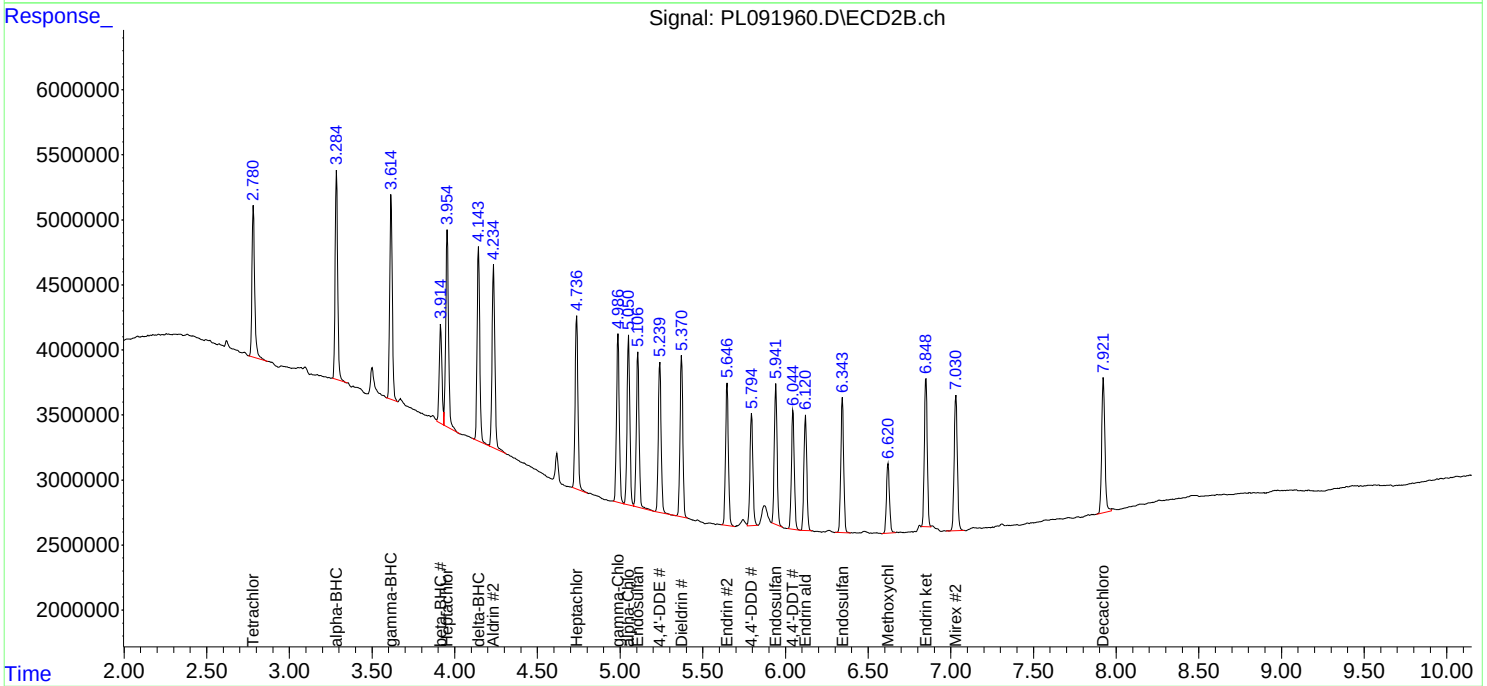
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:47:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:46:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 13:06
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: Sep 23 13:20:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 13:20:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	105.7E6	151.2E6	50.000	50.000
28)	SA Decachlor...	9.061	7.924	78626748	121.3E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.706	3.781	49457629	49048818	500.000	500.000
24)	Chlordane-2	5.236	4.358	51426580	54655467	500.000	500.000
25)	Chlordane-3	5.946	4.989	177.7E6	164.8E6	500.000	500.000
26)	Chlordane-4	6.028	5.051	216.0E6	157.8E6	500.000	500.000
27)	Chlordane-5	6.877	5.947	42070403	54145786	500.000	500.000

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

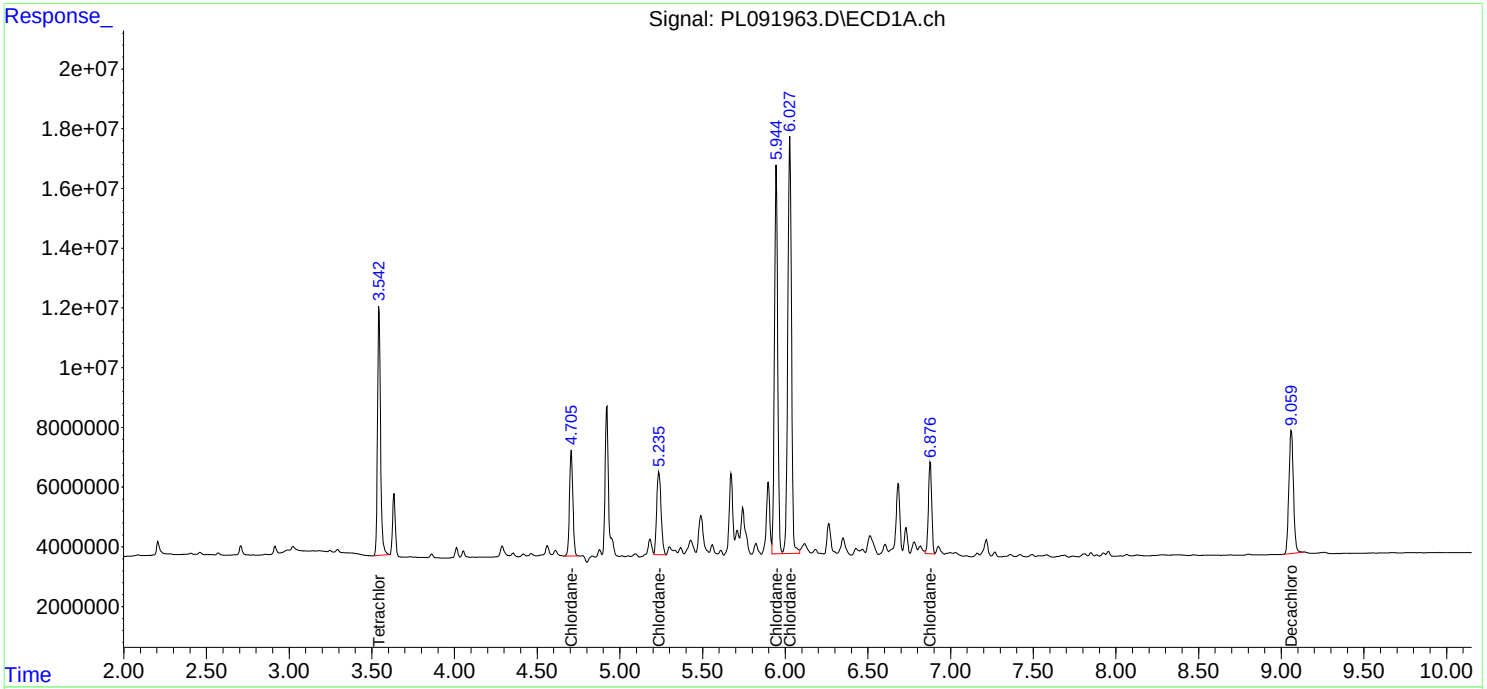
ICAL Form

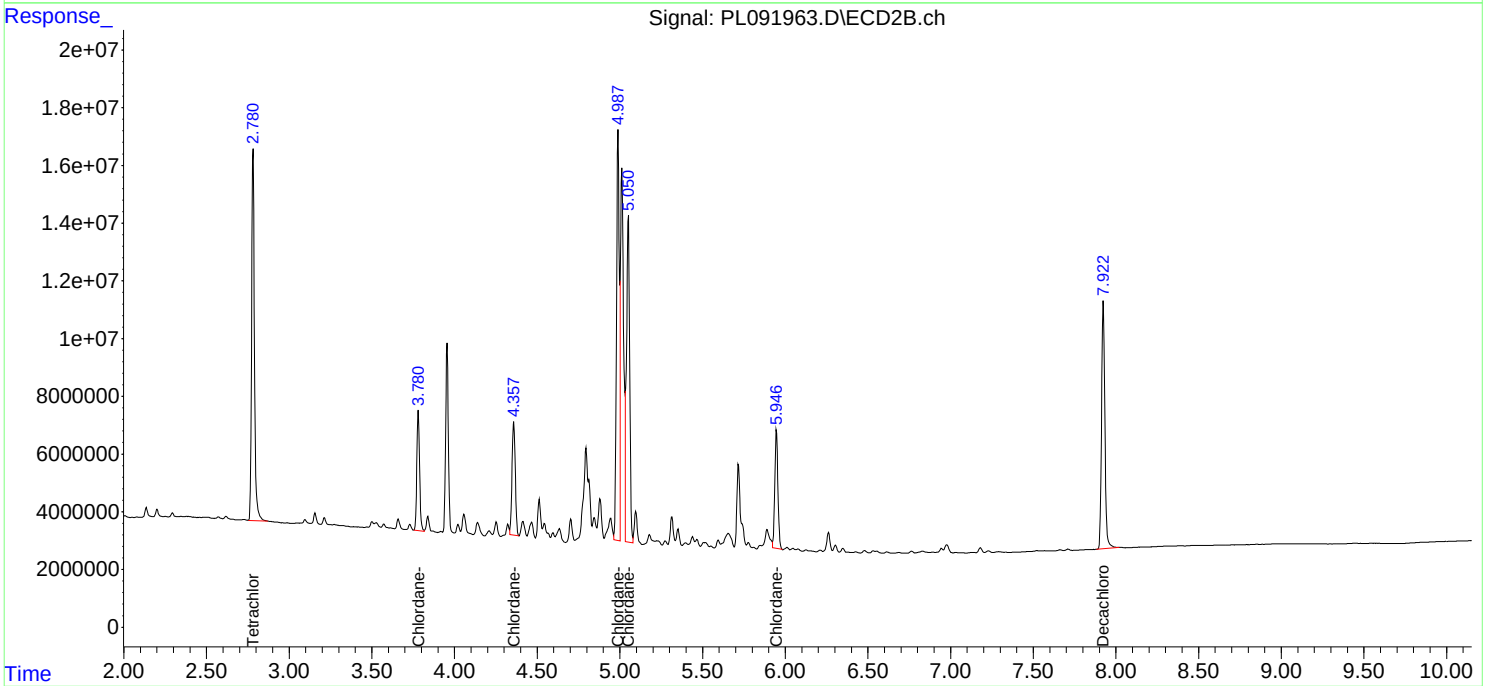
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 13:06
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:20:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 13:20:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:13
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: Sep 23 14:27:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:27:33 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...	3.544	2.783	109.5E6	128.2E6	50.000	50.000
7) SA	Decachlor...	9.061	7.924	79903287	127.0E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.242	5.013	11332642	9046791	500.000	500.000
3)	Toxaphene-2	6.446	5.338	6961013	8635853	500.000	500.000
4)	Toxaphene-3	7.064	6.612	35480266	31997930	500.000	500.000
5)	Toxaphene-4	7.154	6.740	26925608	44333132	500.000	500.000
6)	Toxaphene-5	7.939	7.053	19863490	30174872	500.000	500.000

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

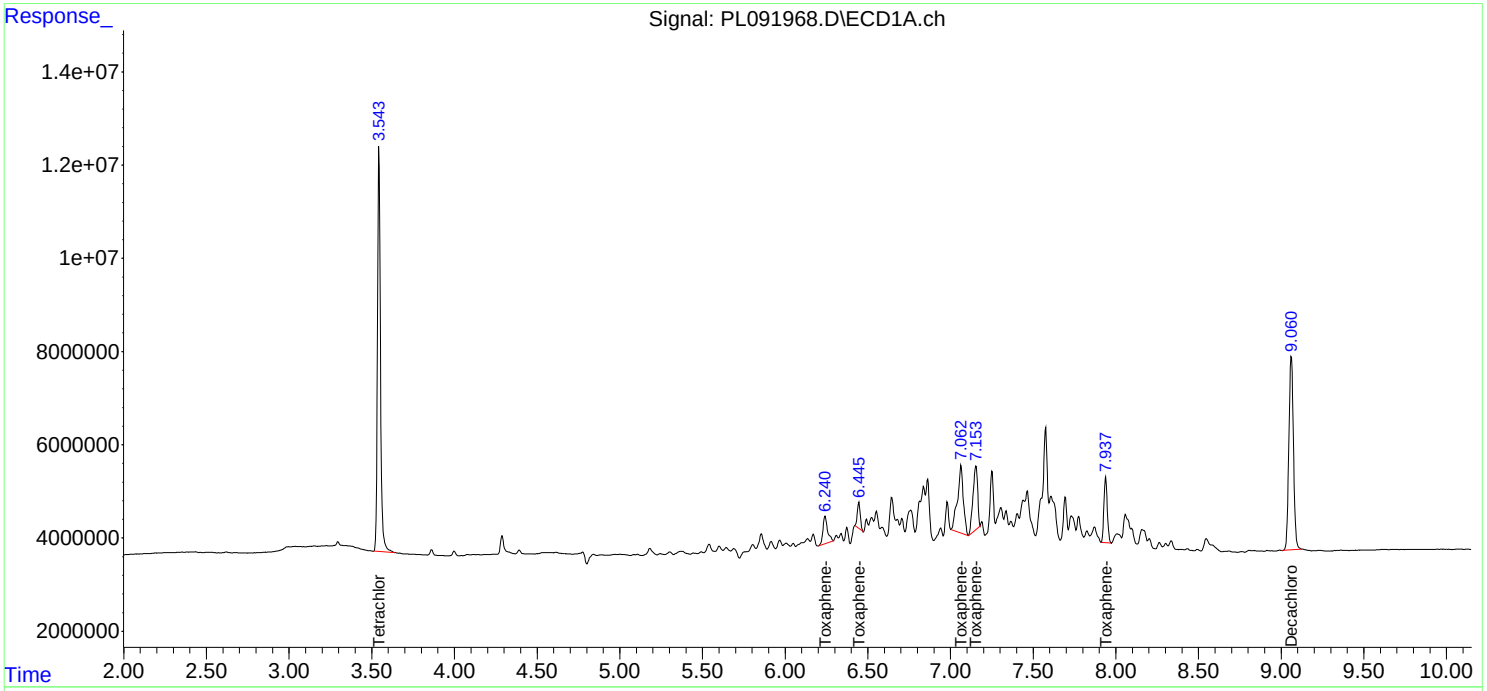
ICAL Form

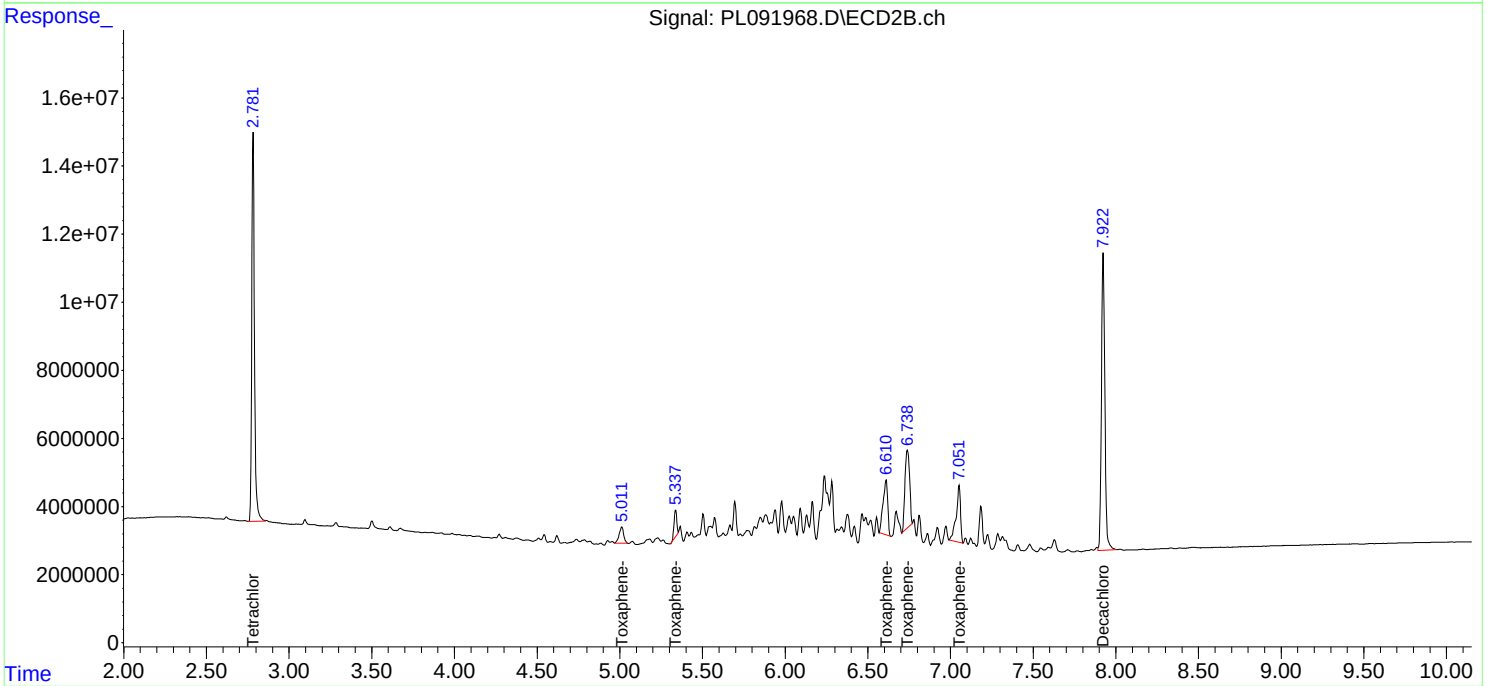
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:13
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:27:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:27:33 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\PL092324\
Data File : PL091971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:03:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.783	109.9E6	128.4E6	49.390	51.205
28) SA	Decachlor...	9.061	7.924	80630291	124.4E6	49.218	49.714
	Target Compounds						
2) A	alpha-BHC	4.000	3.286	153.8E6	191.8E6	49.681	52.648
3) MA	gamma-BHC...	4.333	3.616	148.6E6	180.9E6	47.945	51.231
4) MA	Heptachlor	4.921	3.956	136.9E6	180.2E6	49.499	52.235
5) MB	Aldrin	5.263	4.236	131.2E6	170.0E6	47.251	49.996
6) B	beta-BHC	4.529	3.916	66146006	76950183	49.870	51.194
7) B	delta-BHC	4.777	4.145	137.2E6	174.0E6	47.561	50.106
8) B	Heptachlo...	5.689	4.739	123.2E6	152.3E6	48.400	50.380
9) A	Endosulfan I	6.075	5.109	112.6E6	141.2E6	48.653	51.437
10) B	gamma-Chl...	5.945	4.989	121.7E6	157.8E6	49.229	52.448
11) B	alpha-Chl...	6.024	5.052	120.9E6	155.4E6	49.062	51.920
12) B	4,4'-DDE	6.197	5.242	105.6E6	144.3E6	48.782	51.912
13) MA	Dieldrin	6.350	5.373	118.3E6	151.6E6	48.519	51.702
14) MA	Endrin	6.579	5.649	98509120	136.0E6	47.804	51.857
15) B	Endosulfa...	6.799	5.943	105.0E6	130.1E6	47.716	51.995
16) A	4,4'-DDD	6.715	5.796	85129062	110.7E6	47.407	51.804
17) MA	4,4'-DDT	7.029	6.047	91095429	120.5E6	49.476	52.077
18) B	Endrin al...	6.929	6.122	80636033	99387650	46.269	48.702
19) B	Endosulfa...	7.163	6.345	95965254	123.4E6	48.412	51.142
20) A	Methoxychlor	7.504	6.622	48243371	62546426	49.142	50.023
21) B	Endrin ke...	7.648	6.851	105.6E6	141.0E6	48.075	50.910
22)	Mirex	8.122	7.032	83219849	114.6E6	46.208	47.114

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

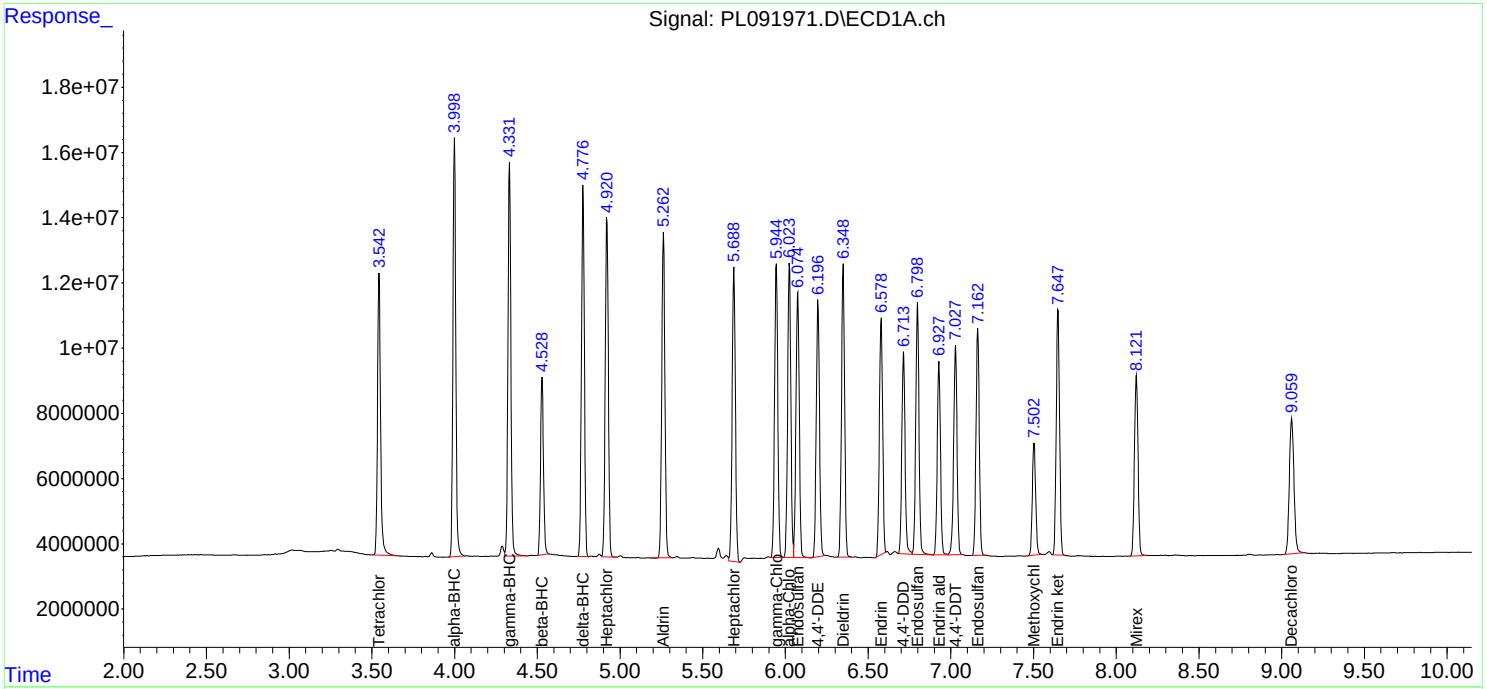
ICAL Form

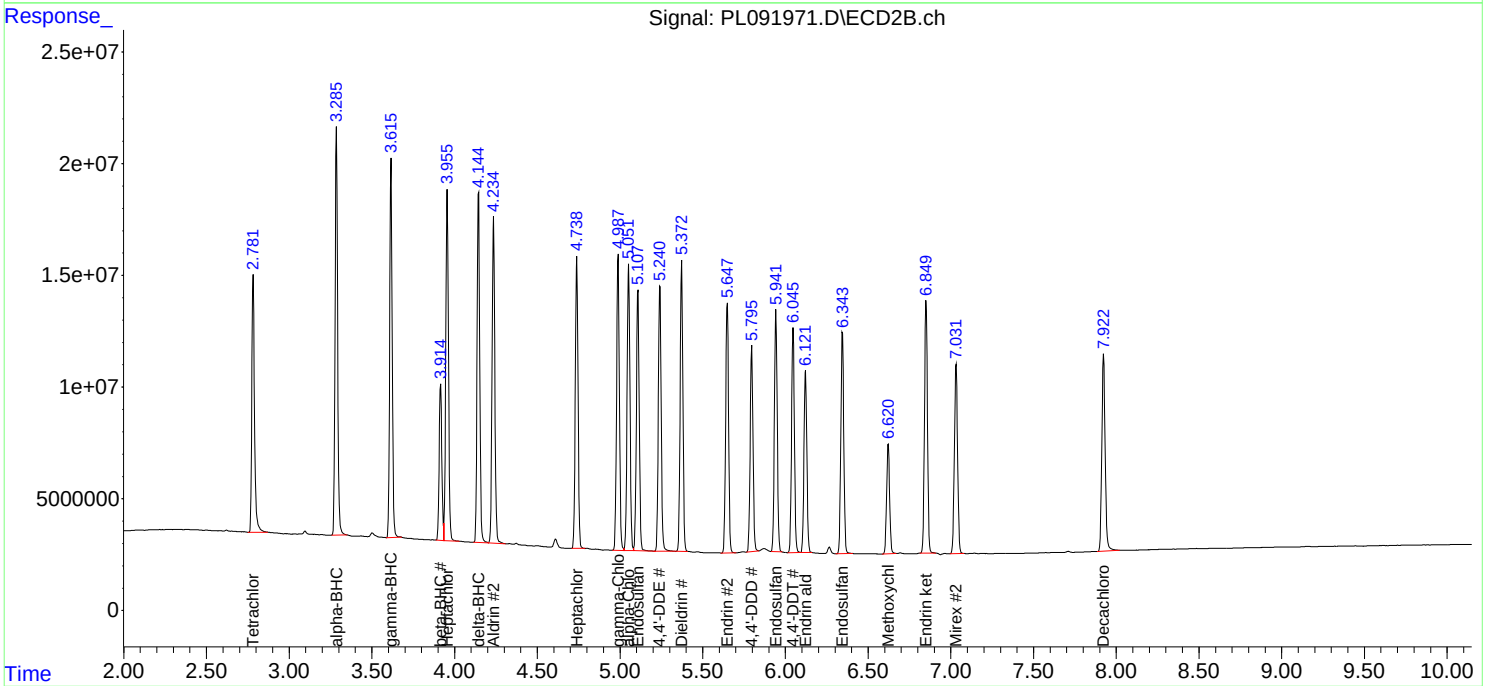
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:03:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:20
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:42:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:41:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	106.0E6	152.5E6	48.293	49.786
28)	SA Decachlor...	9.061	7.924	78307449	122.8E6	48.429	49.154
	Target Compounds						
23)	Chlordane-1	4.706	3.781	48433111	49506810	472.544	495.163
24)	Chlordane-2	5.236	4.359	51223526	55177128	477.624	491.661
25)	Chlordane-3	5.946	4.989	177.0E6	165.6E6	472.503	499.985
26)	Chlordane-4	6.028	5.052	215.1E6	156.2E6	474.993	492.258
27)	Chlordane-5	6.877	5.948	42165256	54383336	483.464	501.463

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

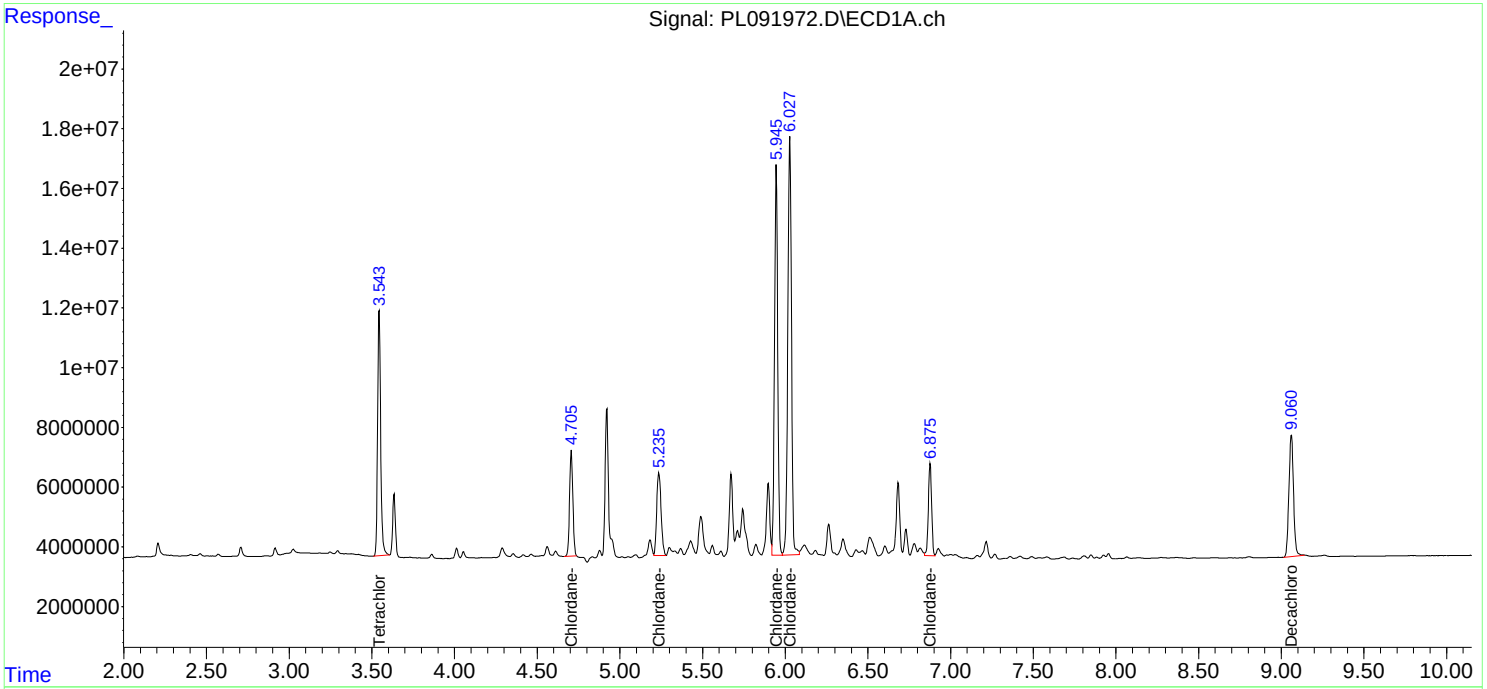
ICAL Form

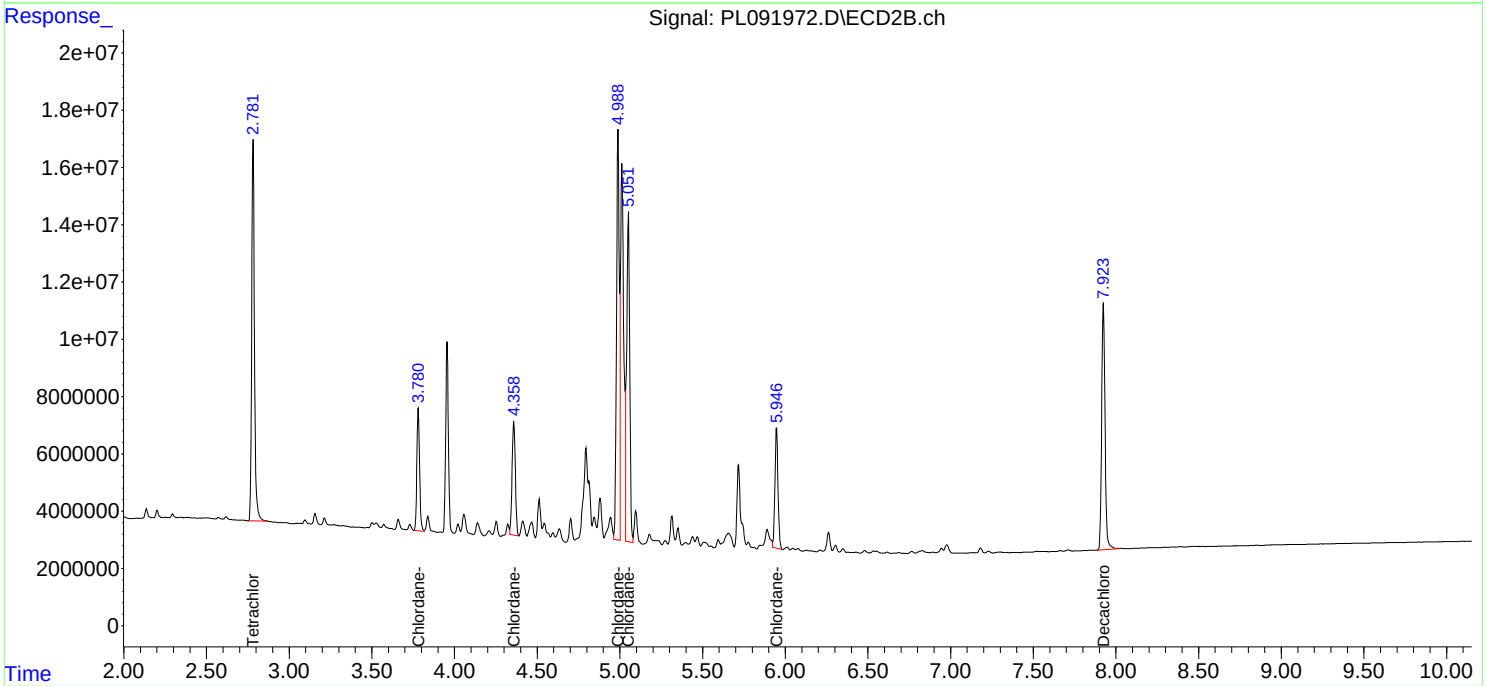
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:20
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:42:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:41:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:51:37 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...	3.544	2.783	106.0E6	124.1E6	46.888	47.823
7) SA	Decachlor...	9.061	7.924	76815884	122.2E6	46.636	47.394
	Target Compounds						
2)	Toxaphene-1	6.241	5.013	11013305	8801665	475.036	483.177
3)	Toxaphene-2	6.445	5.337	6784732	8482784	470.031	485.233
4)	Toxaphene-3	7.062	6.611	33644733	30213842	462.251	489.402
5)	Toxaphene-4	7.154	6.740	25440428	43005290	460.778	489.466
6)	Toxaphene-5	7.938	7.052	19006455	28140333	465.831	472.098

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

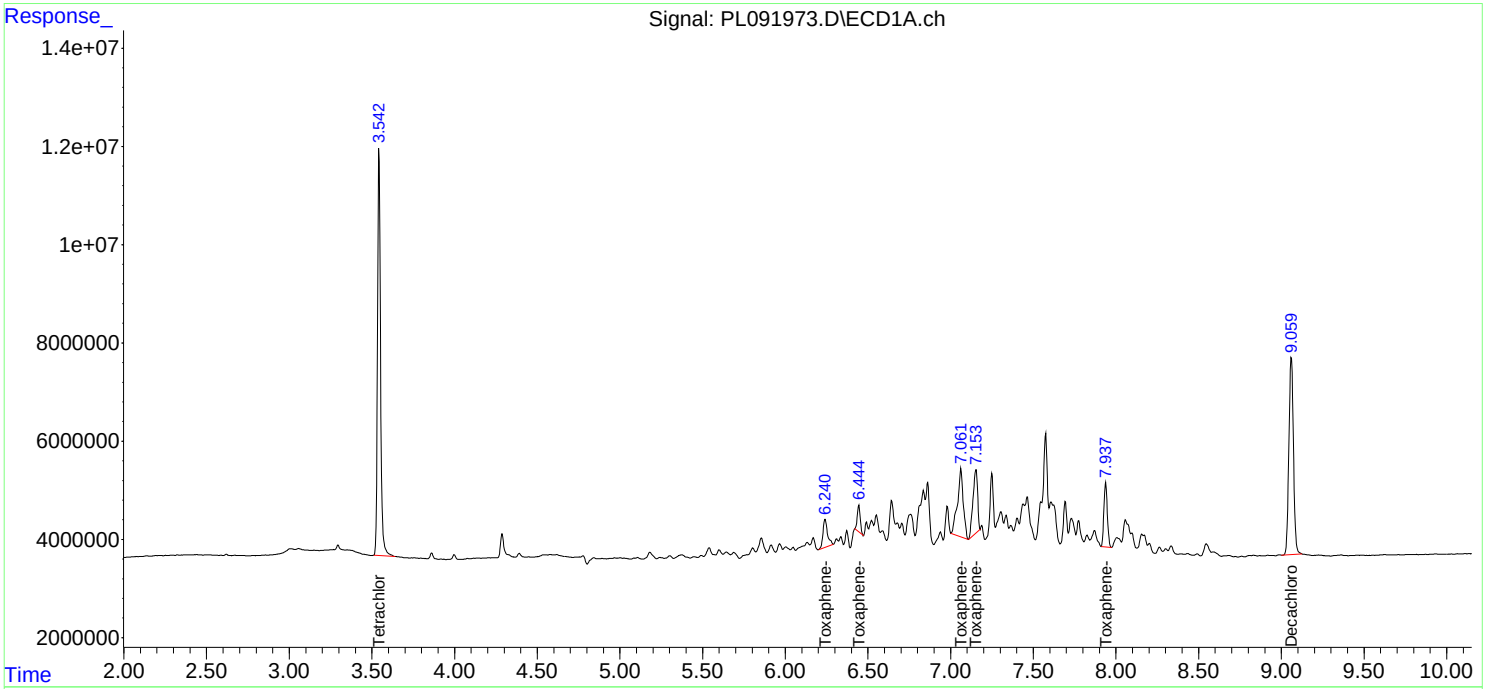
ICAL Form

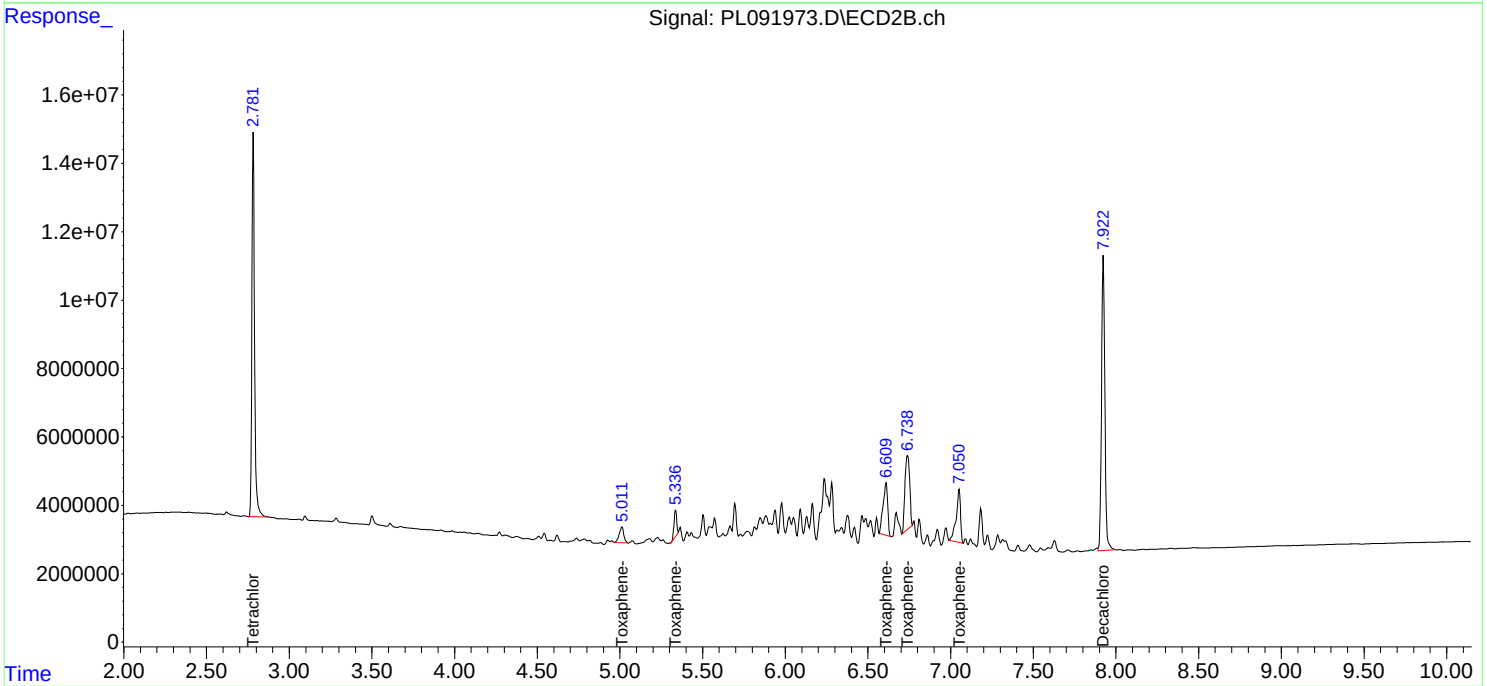
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:51:37 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





Raw Data: **PL091976.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Continuing Calib Date: 09/23/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 16:40 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR2 **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
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

Raw Data: **PL091976.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Continuing Calib Date: 09/23/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 16:40 **Initial Calibration Time(s):** 11:32 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.62	3.62	3.52	3.72	0.00
Heptachlor	3.96	3.96	3.86	4.06	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endrin	5.65	5.65	5.55	5.75	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

Raw Data: **PL091976.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 09/23/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL091976.D **Time Analyzed:** 16:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.060	8.960	9.160	49.110	50.000	-1.8
Endrin	6.579	6.479	6.679	48.110	50.000	-3.8
gamma-BHC (Lindane)	4.332	4.232	4.432	48.810	50.000	-2.4
Heptachlor	4.921	4.820	5.020	48.770	50.000	-2.5
Heptachlor epoxide	5.689	5.589	5.789	48.550	50.000	-2.9
Methoxychlor	7.504	7.404	7.604	49.420	50.000	-1.2
Tetrachloro-m-xylene	3.543	3.444	3.644	49.440	50.000	-1.1

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 09/23/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL091976.D **Time Analyzed:** 16:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.924	7.823	8.023	49.930	50.000	-0.1
Endrin	5.648	5.548	5.748	50.800	50.000	1.6
gamma-BHC (Lindane)	3.616	3.516	3.716	52.480	50.000	5.0
Heptachlor	3.955	3.855	4.055	51.560	50.000	3.1
Heptachlor epoxide	4.738	4.638	4.838	51.340	50.000	2.7
Methoxychlor	6.622	6.521	6.721	50.730	50.000	1.5
Tetrachloro-m-xylene	2.782	2.682	2.882	51.650	50.000	3.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:51:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.782	110.0E6	129.5E6	49.435	51.649
28)	SA Decachlor...	9.060	7.924	80446394	124.9E6	49.106	49.929
	Target Compounds						
2)	A alpha-BHC	3.999	3.286	153.7E6	191.7E6	49.625	52.607
3)	MA gamma-BHC...	4.332	3.616	151.3E6	185.3E6	48.814	52.479
4)	MA Heptachlor	4.921	3.955	134.9E6	177.9E6	48.774	51.557
5)	MB Aldrin	5.263	4.234	135.2E6	174.4E6	48.677	51.275m
6)	B beta-BHC	4.529	3.915	65072080	75804748	49.060	50.432
7)	B delta-BHC	4.776	4.143	142.6E6	180.5E6	49.435	52.005m
8)	B Heptachlo...	5.689	4.738	123.6E6	155.2E6	48.549	51.342
9)	A Endosulfan I	6.074	5.108	113.1E6	139.6E6	48.879	50.856
10)	B gamma-Chl...	5.945	4.989	121.7E6	154.7E6	49.239	51.436
11)	B alpha-Chl...	6.024	5.053	120.5E6	153.4E6	48.936	51.258
12)	B 4,4'-DDE	6.197	5.240	105.6E6	143.5E6	48.774	51.628m
13)	MA Dieldrin	6.349	5.373	118.9E6	151.8E6	48.743	51.787
14)	MA Endrin	6.579	5.648	99146341	133.2E6	48.113	50.798
15)	B Endosulfa...	6.798	5.943	104.5E6	128.6E6	47.524	51.378
16)	A 4,4'-DDD	6.714	5.796	86228018	111.7E6	48.019	52.270
17)	MA 4,4'-DDT	7.028	6.046	88980705	118.3E6	48.327	51.126
18)	B Endrin al...	6.927	6.122	83970515	104.1E6	48.182m	51.000
19)	B Endosulfa...	7.163	6.345	96455987	123.6E6	48.659	51.231
20)	A Methoxychlor	7.504	6.622	48519078	63434808	49.423	50.734
21)	B Endrin ke...	7.648	6.849	108.2E6	143.8E6	49.247	51.943m
22)	Mirex	8.122	7.032	86973380	120.1E6	48.292	49.368

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

Sample Results: **PL091976.D**

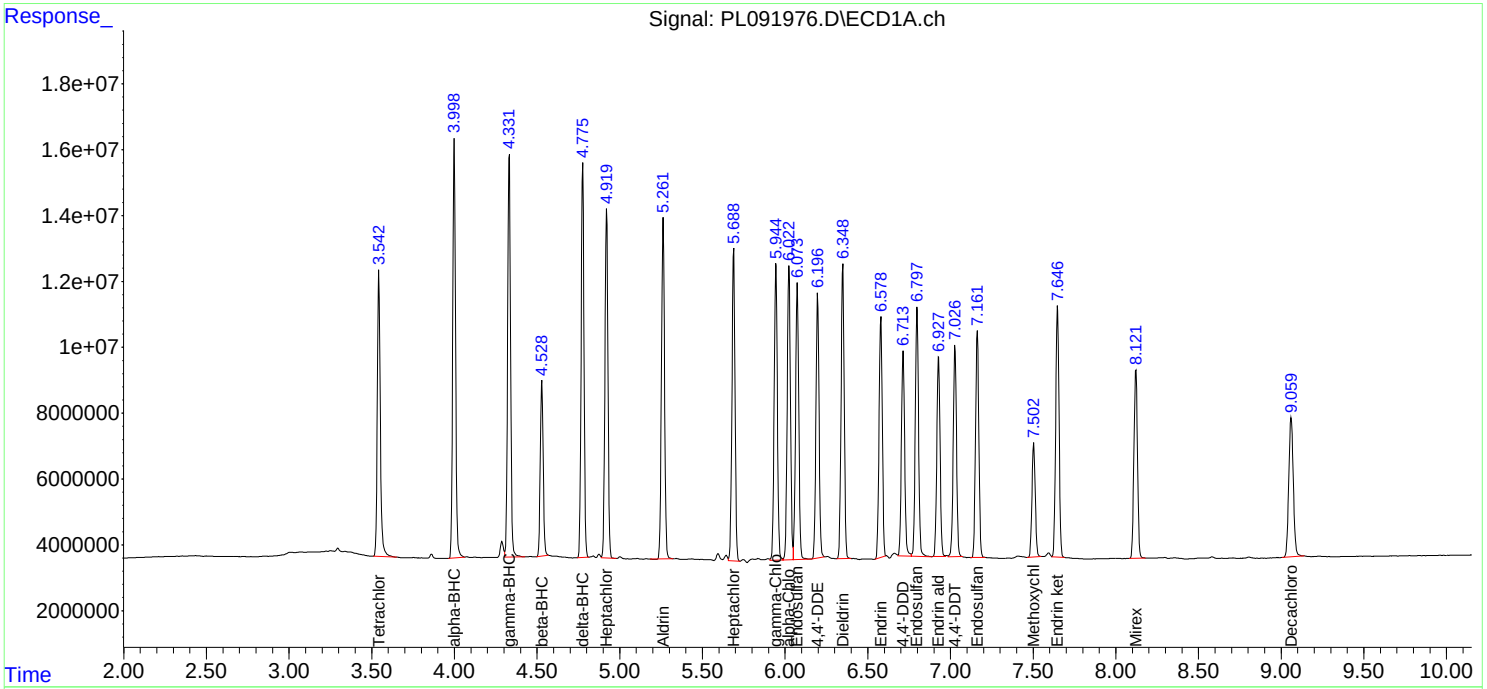
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

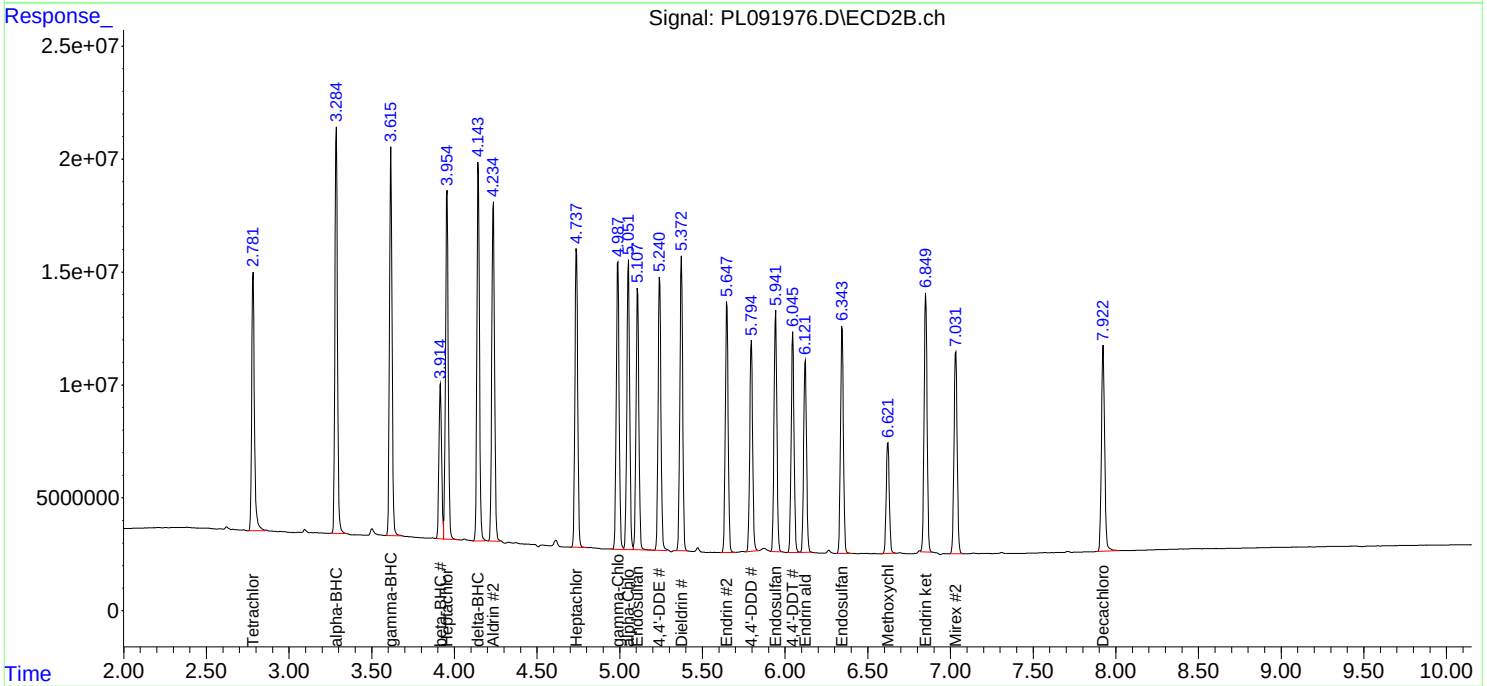
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:51:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL091989.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Continuing Calib Date: 09/23/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 19:35 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR2 **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
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

Raw Data: **PL091989.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Continuing Calib Date: 09/23/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 19:35 **Initial Calibration Time(s):** 11:32 12:26

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.62	3.62	3.52	3.72	0.00
Heptachlor	3.96	3.96	3.86	4.06	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endrin	5.65	5.65	5.55	5.75	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 09/23/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL091989.D **Time Analyzed:** 19:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.060	8.960	9.160	48.570	50.000	-2.9
Endrin	6.578	6.479	6.679	48.570	50.000	-2.9
gamma-BHC (Lindane)	4.332	4.232	4.432	47.920	50.000	-4.2
Heptachlor	4.921	4.820	5.020	49.250	50.000	-1.5
Heptachlor epoxide	5.689	5.589	5.789	47.570	50.000	-4.9
Methoxychlor	7.504	7.404	7.604	48.520	50.000	-3.0
Tetrachloro-m-xylene	3.544	3.444	3.644	49.060	50.000	-1.9

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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 09/23/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL091989.D **Time Analyzed:** 19:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.924	7.823	8.023	50.100	50.000	0.2
Endrin	5.648	5.548	5.748	52.220	50.000	4.4
gamma-BHC (Lindane)	3.616	3.516	3.716	51.120	50.000	2.2
Heptachlor	3.955	3.855	4.055	52.290	50.000	4.6
Heptachlor epoxide	4.738	4.638	4.838	50.440	50.000	0.9
Methoxychlor	6.621	6.521	6.721	50.650	50.000	1.3
Tetrachloro-m-xylene	2.782	2.682	2.882	50.940	50.000	1.9

Sample Results: **PL091989.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:14:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.782	109.1E6	127.8E6	49.063	50.938
28) SA	Decachlor...	9.060	7.924	79575905	125.4E6	48.574	50.103
	Target Compounds						
2) A	alpha-BHC	3.999	3.285	153.3E6	191.6E6	49.514	52.585
3) MA	gamma-BHC...	4.332	3.616	148.5E6	180.5E6	47.918	51.124
4) MA	Heptachlor	4.921	3.955	136.2E6	180.4E6	49.253	52.290
5) MB	Aldrin	5.263	4.234	130.3E6	169.2E6	46.922	49.734m
6) B	beta-BHC	4.529	3.915	65869478	76846343	49.661	51.125
7) B	delta-BHC	4.777	4.143	137.4E6	172.1E6	47.630	49.583m
8) B	Heptachlo...	5.689	4.738	121.1E6	152.5E6	47.566	50.444
9) A	Endosulfan I	6.075	5.108	112.4E6	140.8E6	48.605	51.318
10) B	gamma-Chl...	5.945	4.988	122.0E6	158.8E6	49.380	52.780
11) B	alpha-Chl...	6.024	5.052	120.9E6	156.7E6	49.064	52.354
12) B	4,4'-DDE	6.197	5.239	105.3E6	145.2E6	48.672	52.267m
13) MA	Dieldrin	6.350	5.372	118.2E6	152.8E6	48.460	52.128
14) MA	Endrin	6.578	5.648	100.1E6	136.9E6	48.568m	52.224
15) B	Endosulfa...	6.798	5.941	102.3E6	130.8E6	46.508m	52.264m
16) A	4,4'-DDD	6.713	5.796	85179984	112.9E6	47.435m	52.853
17) MA	4,4'-DDT	7.029	6.046	90242164	120.9E6	49.013	52.286
18) B	Endrin al...	6.929	6.122	80685939	100.1E6	46.298	49.064
19) B	Endosulfa...	7.163	6.345	95863873	125.0E6	48.360	51.818
20) A	Methoxychlor	7.504	6.621	47632003	63332261	48.519	50.652
21) B	Endrin ke...	7.648	6.850	105.6E6	141.8E6	48.066	51.215
22)	Mirex	8.122	7.032	82997482	115.8E6	46.084	47.611

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

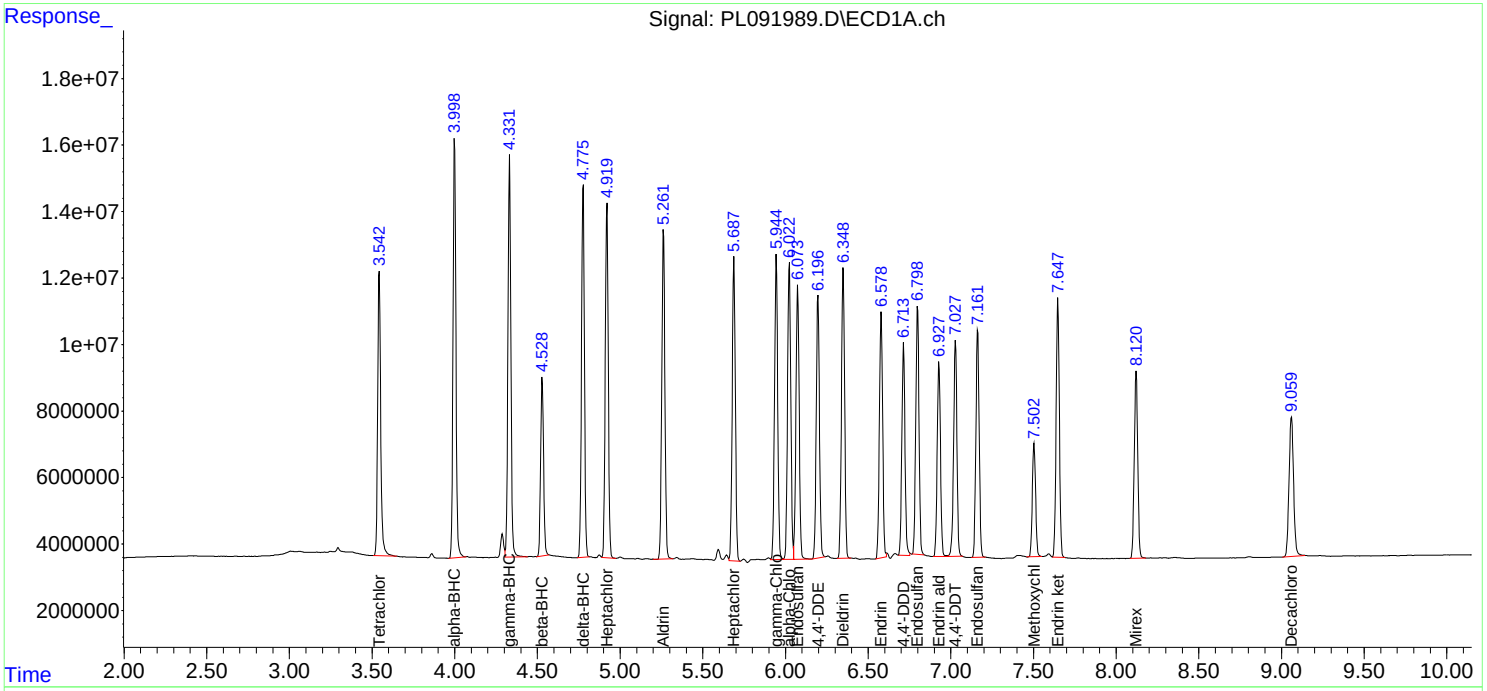
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

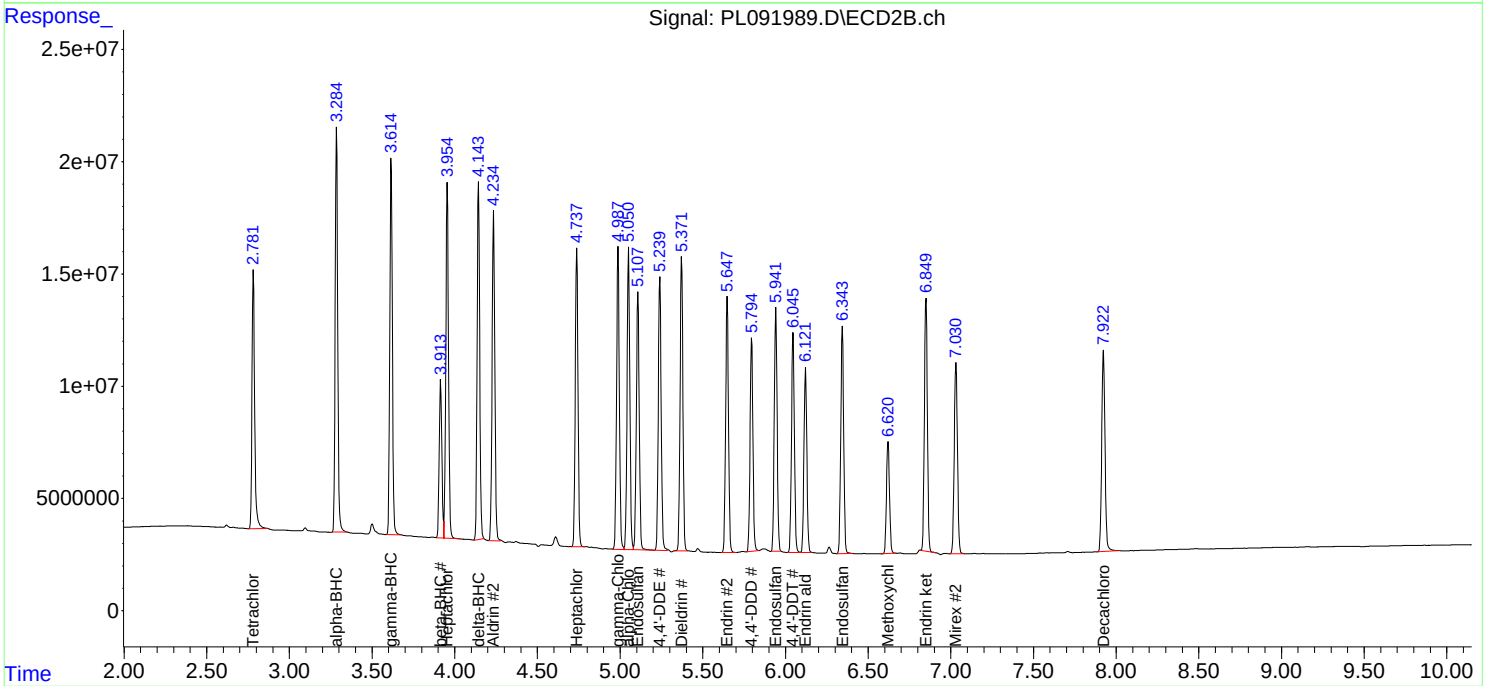
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:14:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:05

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.061	8.960	9.160	19.830	20.000	-0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	20.070	20.000	0.4
alpha-BHC	3.999	3.950	4.050	10.180	10.000	1.8
beta-BHC	4.529	4.480	4.580	10.750	10.000	7.5
gamma-BHC (Lindane)	4.332	4.280	4.380	10.100	10.000	1.0
Endrin	6.579	6.510	6.650	43.290	50.000	-13.4
4,4'-DDT	7.028	6.960	7.100	90.240	100.000	-9.8
Methoxychlor	7.504	7.430	7.570	212.390	250.000	-15.0

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:05

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.923	7.820	8.020	19.350	20.000	-3.3
Tetrachloro-m-xylene	2.782	2.730	2.830	19.290	20.000	-3.6
alpha-BHC	3.285	3.230	3.340	9.220	10.000	-7.8
beta-BHC	3.915	3.860	3.970	10.540	10.000	5.4
gamma-BHC (Lindane)	3.616	3.570	3.670	8.880	10.000	-11.2
Endrin	5.648	5.580	5.720	46.450	50.000	-7.1
4,4'-DDT	6.047	5.980	6.120	104.950	100.000	5.0
Methoxychlor	6.621	6.550	6.690	232.550	250.000	-7.0

PEM

Data File: PL091954.D **Date Acquired** 9/23/2024 11:05

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.58	89210787.09	95624224.03	6413436.94	**6.71**
Endrin aldehyde	6.93	2005686.368			
Endrin ketone	7.65	4407750.575			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.65	121797718.1	130041289.7	8243571.59	**6.34**
Endrin aldehyde #2	6.12	3161374.393			
Endrin ketone #2	6.85	5082197.197			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.03	166145728.9	168085243.5	1939514.63	**1.15**
4,4'-DDE	0.00	0			
4,4'-DDD	6.72	1939514.634			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.05	242762784.1	244890662.1	2127877.96	**0.87**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.80	2127877.965			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	3.544	2.782	44655553	48372105	20.073	19.287	
28) SA	Decachlor...	9.061	7.923	32491916	48400108	19.834	19.345	
	Target Compounds							
2) A	alpha-BHC	3.999	3.285	31525485	33598423	10.181	9.222	
3) MA	gamma-BHC...	4.332	3.616	31299814	31345350	10.101	8.877	
6) B	beta-BHC	4.529	3.915	14260072	15849227	10.751	10.544	
14) MA	Endrin	6.579	5.648	89210787	121.8E6	43.292	46.449	
16) A	4,4'-DDD	6.715	5.798	1939515	2127878	1.080	0.996	
17) MA	4,4'-DDT	7.028	6.047	166.1E6	242.8E6	90.238	104.948	
18) B	Endrin al...	6.928	6.122	2005686	3161374	1.151	1.549	#
20) A	Methoxychlor	7.504	6.621	208.5E6	290.8E6	212.393	232.546	
21) B	Endrin ke...	7.647	6.848	4407751	5082197	2.006	1.835	m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

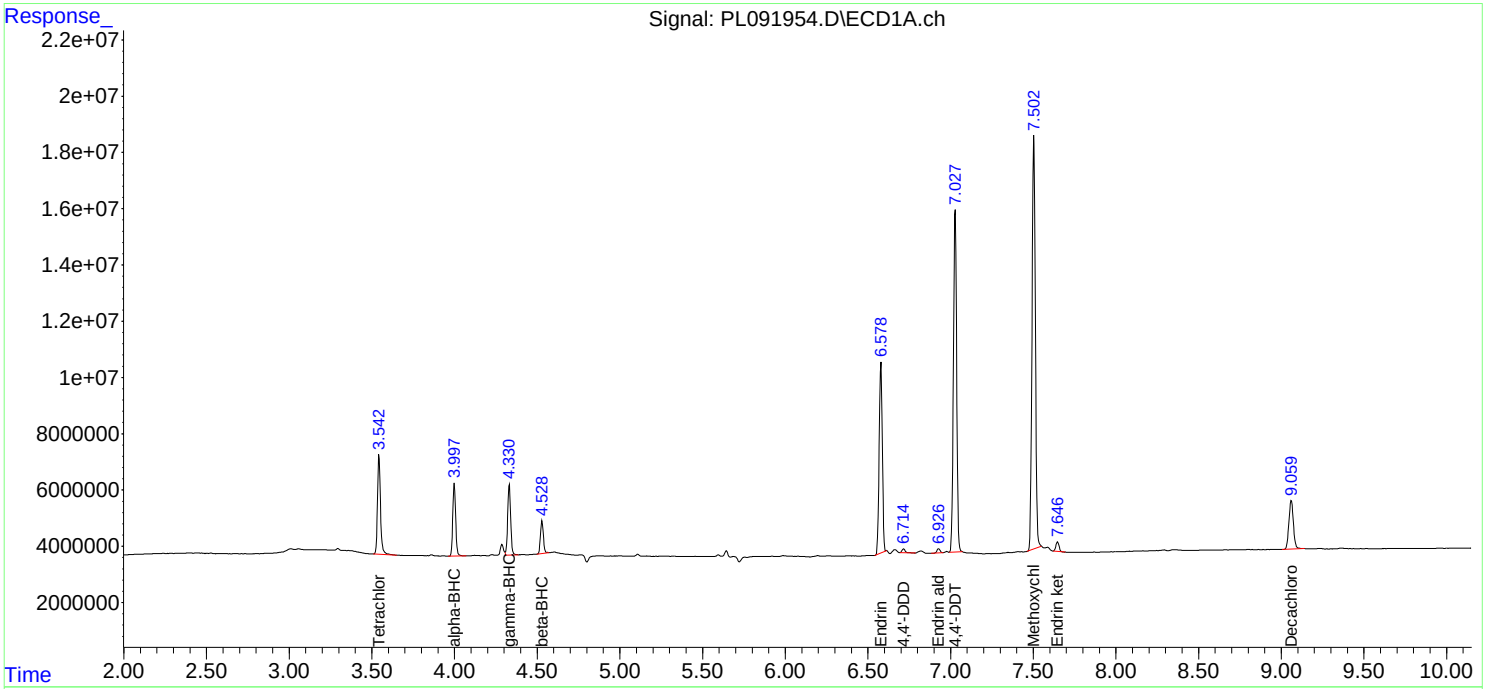
Instrument :
ECD_L
ClientSampleId :
PEM

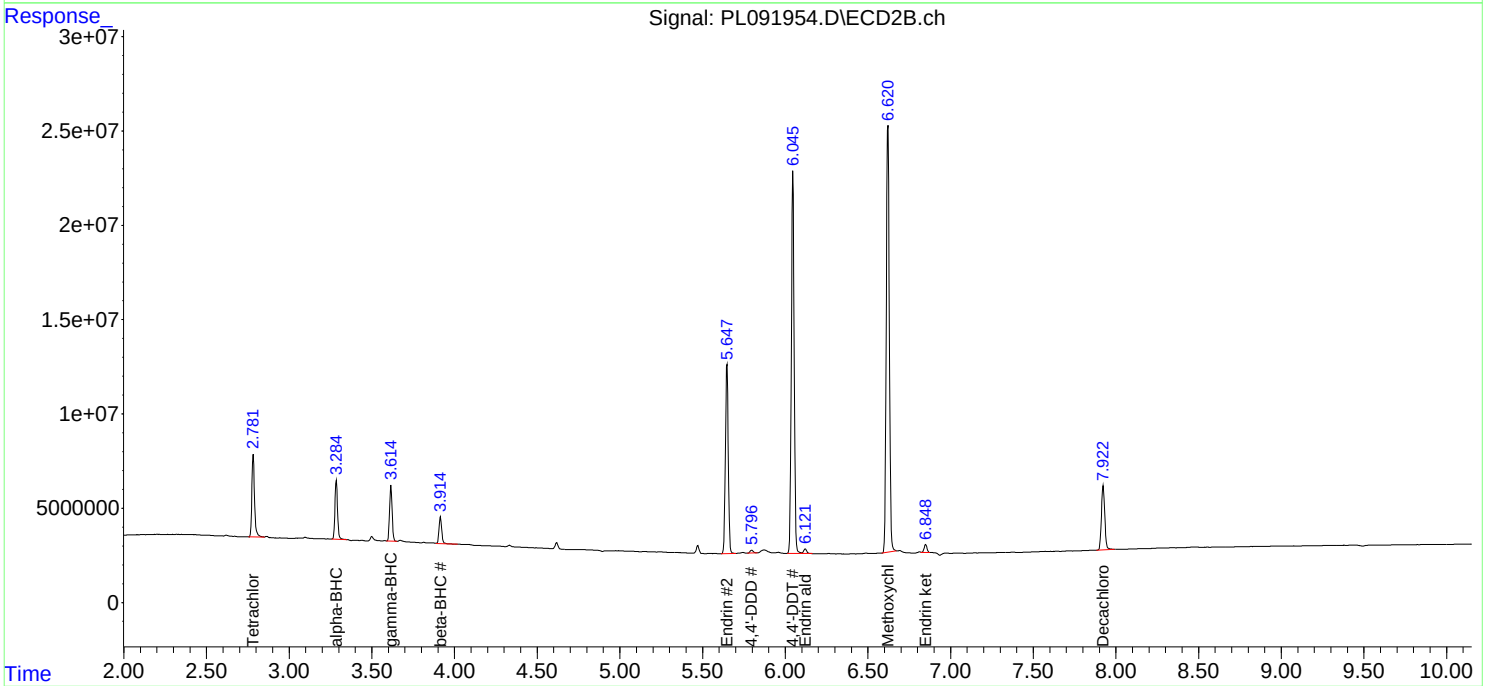
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091975.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:27

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.060	8.960	9.160	20.370	20.000	1.9
Tetrachloro-m-xylene	3.544	3.490	3.590	20.100	20.000	0.5
alpha-BHC	3.999	3.950	4.050	10.340	10.000	3.4
beta-BHC	4.529	4.480	4.580	10.950	10.000	9.5
gamma-BHC (Lindane)	4.330	4.280	4.380	9.830	10.000	-1.7
Endrin	6.579	6.510	6.650	42.910	50.000	-14.2
4,4'-DDT	7.028	6.960	7.100	89.740	100.000	-10.3
Methoxychlor	7.504	7.430	7.570	213.100	250.000	-14.8

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091975.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:27

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.923	7.820	8.020	20.160	20.000	0.8
Tetrachloro-m-xylene	2.783	2.730	2.830	19.690	20.000	-1.6
alpha-BHC	3.286	3.240	3.340	9.300	10.000	-7.0
beta-BHC	3.915	3.860	3.970	10.900	10.000	9.0
gamma-BHC (Lindane)	3.616	3.570	3.670	8.970	10.000	-10.3
Endrin	5.648	5.580	5.720	46.440	50.000	-7.1
4,4'-DDT	6.045	5.970	6.120	104.350	100.000	4.4
Methoxychlor	6.620	6.550	6.690	238.090	250.000	-4.8

PEM

Data File: PL091975.D **Date Acquired** 9/23/2024 16:27

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.58	88429360.71	96596169.67	8166808.96	**8.45**
Endrin aldehyde	6.93	2460763.25			
Endrin ketone	7.65	5706045.708			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.65	121765989	132029308.6	10263319.6	**7.77**
Endrin aldehyde #2	6.12	3730887.434			
Endrin ketone #2	6.85	6532432.178			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.03	165220598	169187659.7	3967061.66	**2.34**
4,4'-DDE	6.20	306155.713			
4,4'-DDD	6.71	3660905.949			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.04	241372073.2	247280195.6	5908122.43	**2.39**
4,4'-DDE #2	5.24	2160493.473			
4,4'-DDD #2	5.80	3747628.959			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/25/2024
Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:48:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.783	44709491	49374933	20.097	19.686
28) SA	Decachlor...	9.060	7.923	33375350	50433954	20.373	20.158
	Target Compounds						
2) A	alpha-BHC	3.999	3.286	32013024	33892550	10.338	9.303
3) MA	gamma-BHC...	4.330	3.616	30473906	31669141	9.834m	8.969
6) B	beta-BHC	4.529	3.915	14525944	16378840	10.952	10.897
12) B	4,4'-DDE	6.198	5.240	306156	327929	0.141m	0.118m
14) MA	Endrin	6.579	5.648	88429361	121.8E6	42.912	46.437
16) A	4,4'-DDD	6.714	5.796	3660906	3747629	2.039	1.754
17) MA	4,4'-DDT	7.028	6.045	165.2E6	241.4E6	89.735	104.347m
18) B	Endrin al...	6.928	6.122	2460763	3730887	1.412	1.828 #
20) A	Methoxychlor	7.504	6.620	209.2E6	297.7E6	213.104	238.092m
21) B	Endrin ke...	7.647	6.848	5706046	6532432	2.597	2.359m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

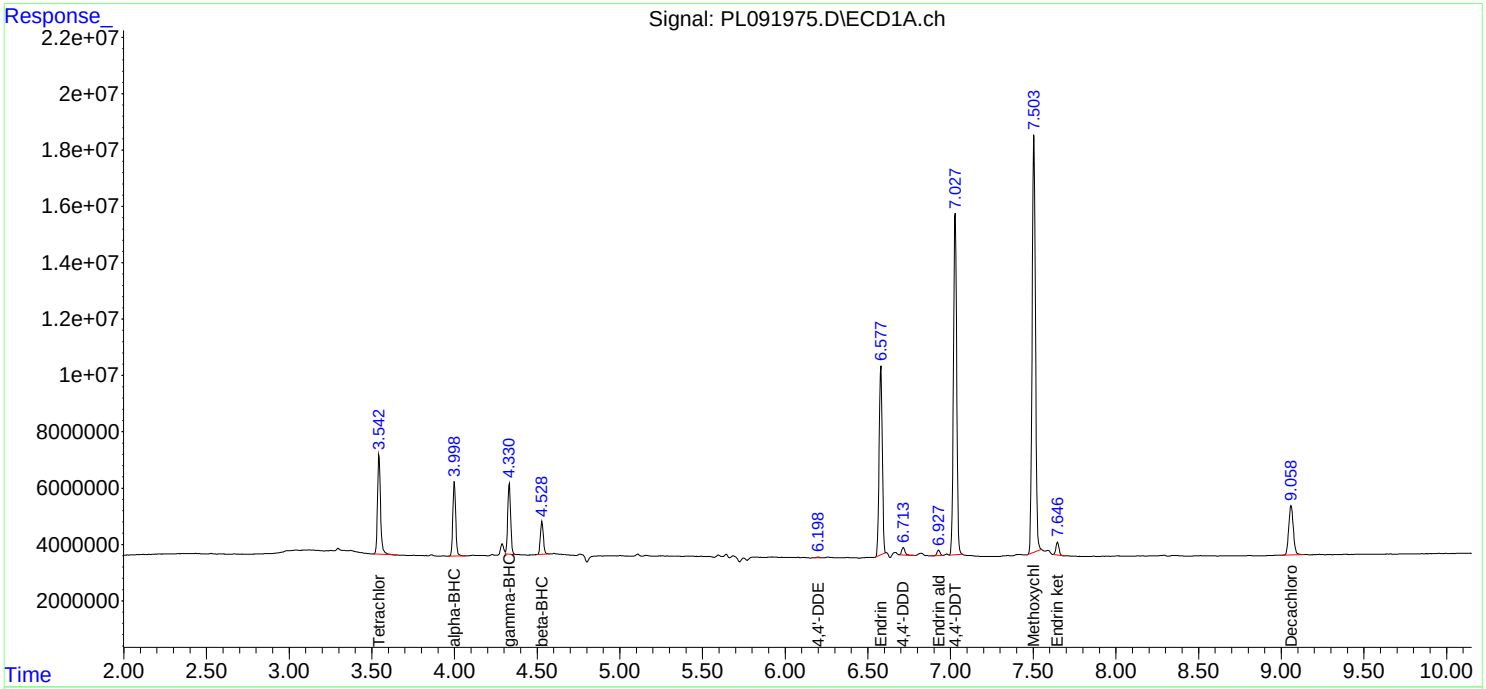
Instrument :
ECD_L
ClientSampleId :
PEM

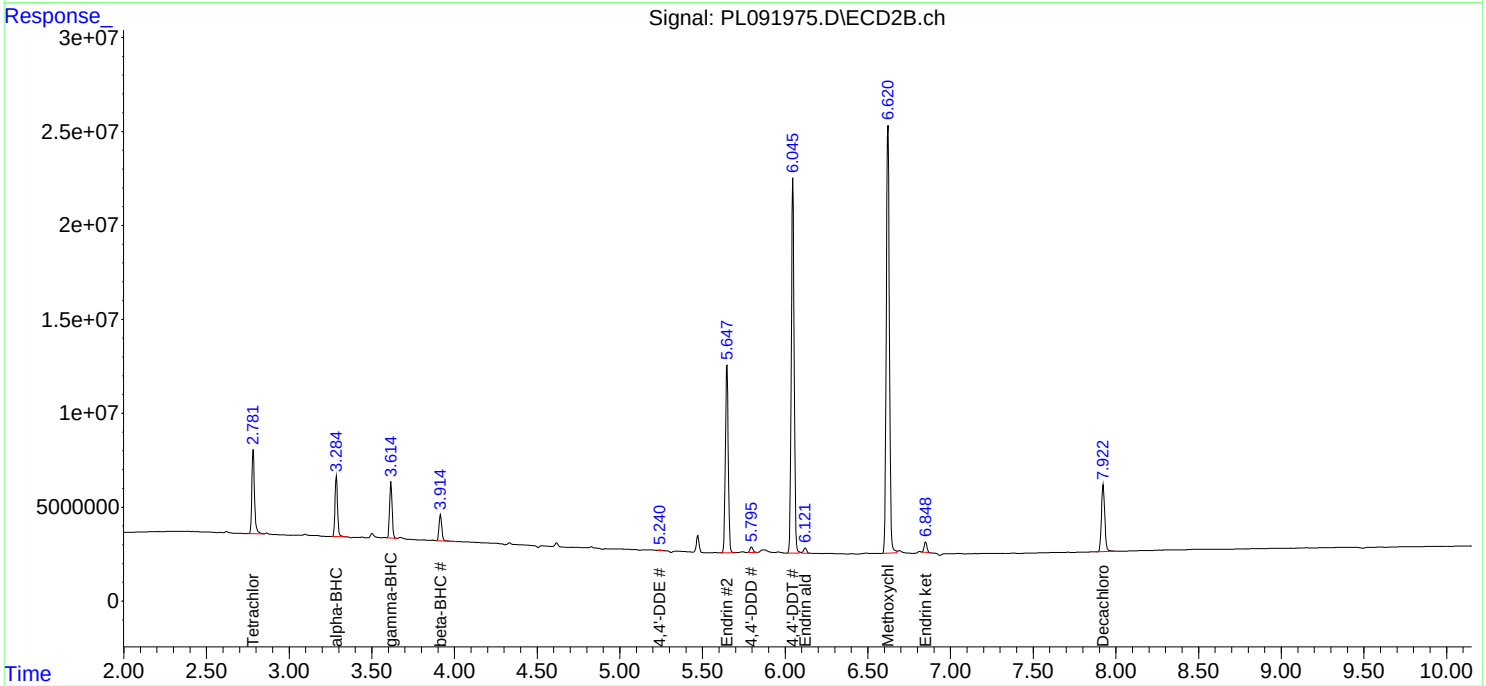
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/25/2024
Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:48:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091955.D
Acq On : 23 Sep 2024 11:19
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Title : GC Extractables
Last Update : Mon Sep 23 14:03:20 2024
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.944	100.00%
5.944	6.074	100.00%
6.074	6.196	100.00%
6.196	6.349	100.00%
6.349	7.162	100.00%
7.162	7.503	100.00%
7.503	7.647	100.00%
7.647	9.060	100.00%

Signal #2

2.782	4.988	100.00%
4.988	5.108	100.00%
5.108	5.241	100.00%
5.241	5.372	100.00%
5.372	6.344	100.00%
6.344	6.621	100.00%
6.621	6.850	100.00%
6.850	7.923	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	3.544	2.782	44655553	48372105	20.073	19.287	
28) SA	Decachlor...	9.061	7.923	32491916	48400108	19.834	19.345	
	Target Compounds							
2) A	alpha-BHC	3.999	3.285	31525485	33598423	10.181	9.222	
3) MA	gamma-BHC...	4.332	3.616	31299814	31345350	10.101	8.877	
6) B	beta-BHC	4.529	3.915	14260072	15849227	10.751	10.544	
14) MA	Endrin	6.579	5.648	89210787	121.8E6	43.292	46.449	
16) A	4,4'-DDD	6.715	5.798	1939515	2127878	1.080	0.996	
17) MA	4,4'-DDT	7.028	6.047	166.1E6	242.8E6	90.238	104.948	
18) B	Endrin al...	6.928	6.122	2005686	3161374	1.151	1.549	#
20) A	Methoxychlor	7.504	6.621	208.5E6	290.8E6	212.393	232.546	
21) B	Endrin ke...	7.647	6.848	4407751	5082197	2.006	1.835	m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

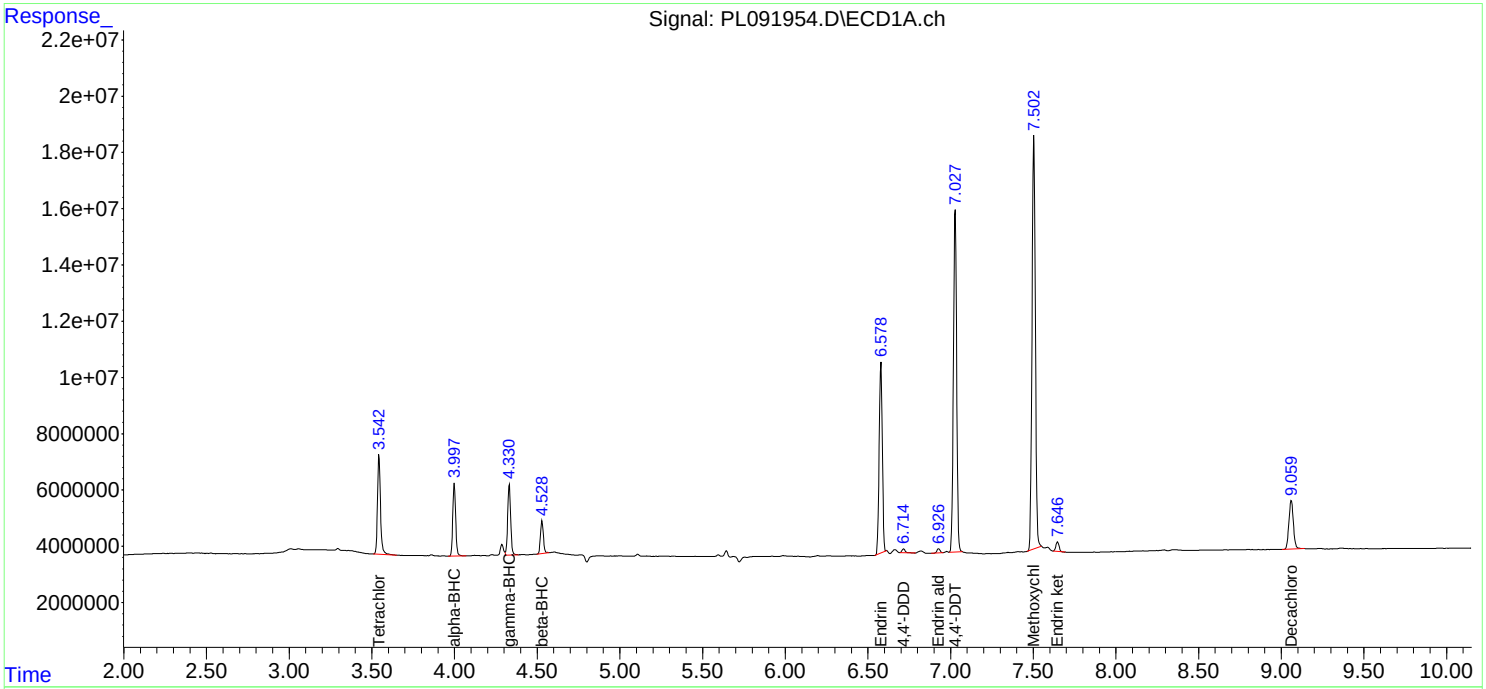
Instrument :
ECD_L
ClientSampleId :
PEM

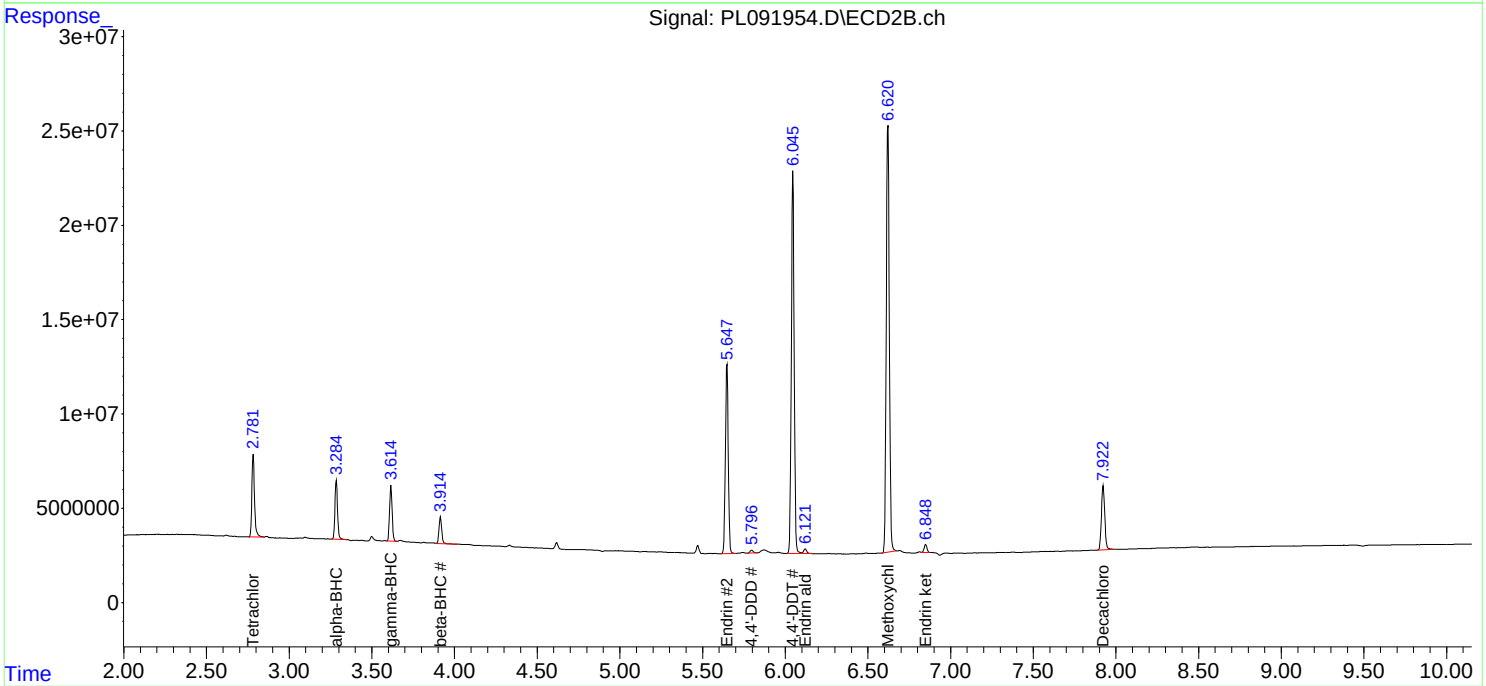
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

Analytical Sequence

Client: ENTACT **SDG No.:** P4103

Project: North Point **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/23/2024 09/23/2024

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	09/23/2024	10:52	PL091953.D	9.06	3.54
PEM	PEM	09/23/2024	11:05	PL091954.D	9.06	3.54
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	9.06	3.54
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	9.06	3.54
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	9.06	3.54
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	9.06	3.54
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	9.06	3.54
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	9.06	3.54
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	9.06	3.54
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	9.06	3.54
I.BLK	I.BLK	09/23/2024	16:13	PL091974.D	9.06	3.54
PEM	PEM	09/23/2024	16:27	PL091975.D	9.06	3.54
PSTDCCC050	PSTDCCC050	09/23/2024	16:40	PL091976.D	9.06	3.54
PB163572BL	PB163572BL	09/23/2024	16:54	PL091977.D	9.06	3.54
PB163572BS	PB163572BS	09/23/2024	17:07	PL091978.D	9.06	3.54
WC-22A	P4103-02	09/23/2024	17:20	PL091979.D	9.06	3.54
WC-22AMS	P4103-02MS	09/23/2024	17:34	PL091980.D	9.06	3.54
WC-22AMSD	P4103-02MSD	09/23/2024	17:47	PL091981.D	9.06	3.54
WC-14-5-7.5A	P4103-05	09/23/2024	18:01	PL091982.D	9.06	3.54
WC-14-5-7.5B	P4103-08	09/23/2024	18:14	PL091983.D	9.06	3.54
WC-14-7.5-10A	P4103-11	09/23/2024	18:28	PL091984.D	9.06	3.54
WC-14-7.5-10B	P4103-14	09/23/2024	18:41	PL091985.D	9.06	3.54
WC-23	P4103-17	09/23/2024	18:55	PL091986.D	9.06	3.54
PB163511TB	PB163511TB	09/23/2024	19:08	PL091987.D	9.06	3.54
I.BLK	I.BLK	09/23/2024	19:21	PL091988.D	9.06	3.54
PSTDCCC050	PSTDCCC050	09/23/2024	19:35	PL091989.D	9.06	3.54

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

Analytical Sequence

Client: ENTACT **SDG No.:** P4103

Project: North Point **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/23/2024 09/23/2024

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	09/23/2024	10:52	PL091953.D	7.92	2.78
PEM	PEM	09/23/2024	11:05	PL091954.D	7.92	2.78
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	7.92	2.78
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	7.92	2.78
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	7.92	2.78
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	7.92	2.78
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	7.92	2.78
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	7.92	2.78
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	7.92	2.78
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	7.92	2.78
I.BLK	I.BLK	09/23/2024	16:13	PL091974.D	7.92	2.78
PEM	PEM	09/23/2024	16:27	PL091975.D	7.92	2.78
PSTDCCC050	PSTDCCC050	09/23/2024	16:40	PL091976.D	7.92	2.78
PB163572BL	PB163572BL	09/23/2024	16:54	PL091977.D	7.92	2.78
PB163572BS	PB163572BS	09/23/2024	17:07	PL091978.D	7.92	2.78
WC-22A	P4103-02	09/23/2024	17:20	PL091979.D	7.92	2.78
WC-22AMS	P4103-02MS	09/23/2024	17:34	PL091980.D	7.92	2.78
WC-22AMSD	P4103-02MSD	09/23/2024	17:47	PL091981.D	7.92	2.78
WC-14-5-7.5A	P4103-05	09/23/2024	18:01	PL091982.D	7.92	2.78
WC-14-5-7.5B	P4103-08	09/23/2024	18:14	PL091983.D	7.92	2.78
WC-14-7.5-10A	P4103-11	09/23/2024	18:28	PL091984.D	7.92	2.78
WC-14-7.5-10B	P4103-14	09/23/2024	18:41	PL091985.D	7.92	2.78
WC-23	P4103-17	09/23/2024	18:55	PL091986.D	7.92	2.78
PB163511TB	PB163511TB	09/23/2024	19:08	PL091987.D	7.92	2.78
I.BLK	I.BLK	09/23/2024	19:21	PL091988.D	7.92	2.78
PSTDCCC050	PSTDCCC050	09/23/2024	19:35	PL091989.D	7.92	2.78

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB163572BS

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Lab Sample ID: PB163572BS **Date(s) Analyzed:** 09/23/2024 09/23/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.58	6.53	6.63	0.41	5.3
	2	5.65	5.60	5.70	0.43	
Methoxychlor	1	7.50	7.45	7.55	0.42	1.5
	2	6.62	6.57	6.67	0.43	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.40	5.2
	2	3.62	3.57	3.67	0.42	
Heptachlor	1	4.92	4.87	4.97	0.42	4.1
	2	3.96	3.91	4.01	0.44	
Heptachlor epoxide	1	5.69	5.64	5.74	0.41	4.4
	2	4.74	4.69	4.79	0.43	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-22AMS

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Lab Sample ID: P4103-02MS **Date(s) Analyzed:** 09/23/2024 09/23/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.51	7.46	7.56	5.40	5.4
	2	6.62	6.57	6.67	5.70	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	7.60	25.2
	2	3.62	3.57	3.67	5.90	
Heptachlor	1	4.92	4.87	4.97	5.20	10.9
	2	3.96	3.91	4.01	5.80	
Heptachlor epoxide	1	5.69	5.64	5.74	5.20	7.4
	2	4.74	4.69	4.79	5.60	
Endrin	1	6.58	6.53	6.63	5.40	12.2
	2	5.65	5.60	5.70	6.10	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-22AMSD

Contract: ENTA05

Lab Code: CHEM **Case No.:** P4103 **SAS No.:** P4103 **SDG NO.:** P4103

Lab Sample ID: P4103-02MSD **Date(s) Analyzed:** 09/23/2024 09/23/2024

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	5.30	5.5
	2	6.62	6.57	6.67	5.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	7.10	16.8
	2	3.62	3.57	3.67	6.00	
Heptachlor	1	4.92	4.87	4.97	5.10	11.1
	2	3.96	3.91	4.01	5.70	
Heptachlor epoxide	1	5.69	5.64	5.74	5.10	7.5
	2	4.74	4.69	4.79	5.50	
Endrin	1	6.58	6.53	6.63	5.30	10.7
	2	5.65	5.60	5.70	5.90	

QC SAMPLE DATA

Raw Data: **PL091977.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163572BL	SDG No.:	P4103
Lab Sample ID:	PB163572BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091977.D	1	09/20/24 11:45	09/23/24 16:54	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		30 (43) - 150 (140)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		30 (77) - 150 (126)	93%	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\PL092324\
Data File : PL091977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:54
Operator : AR\AJ
Sample : PB163572BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163572BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.782	41491576	45625242	18.651	18.191
28)	SA Decachlor...	9.061	7.923	31860835	47808738	19.448	19.109
	Target Compounds						

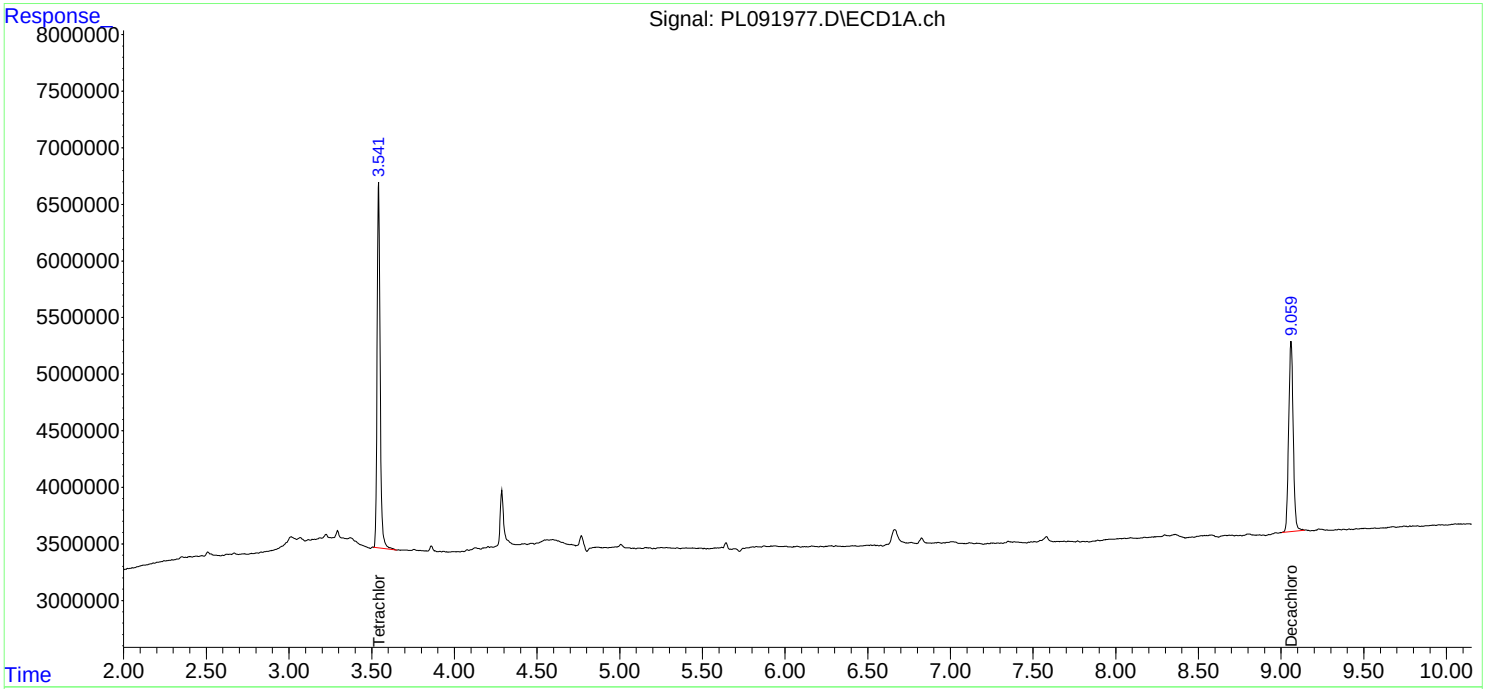
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

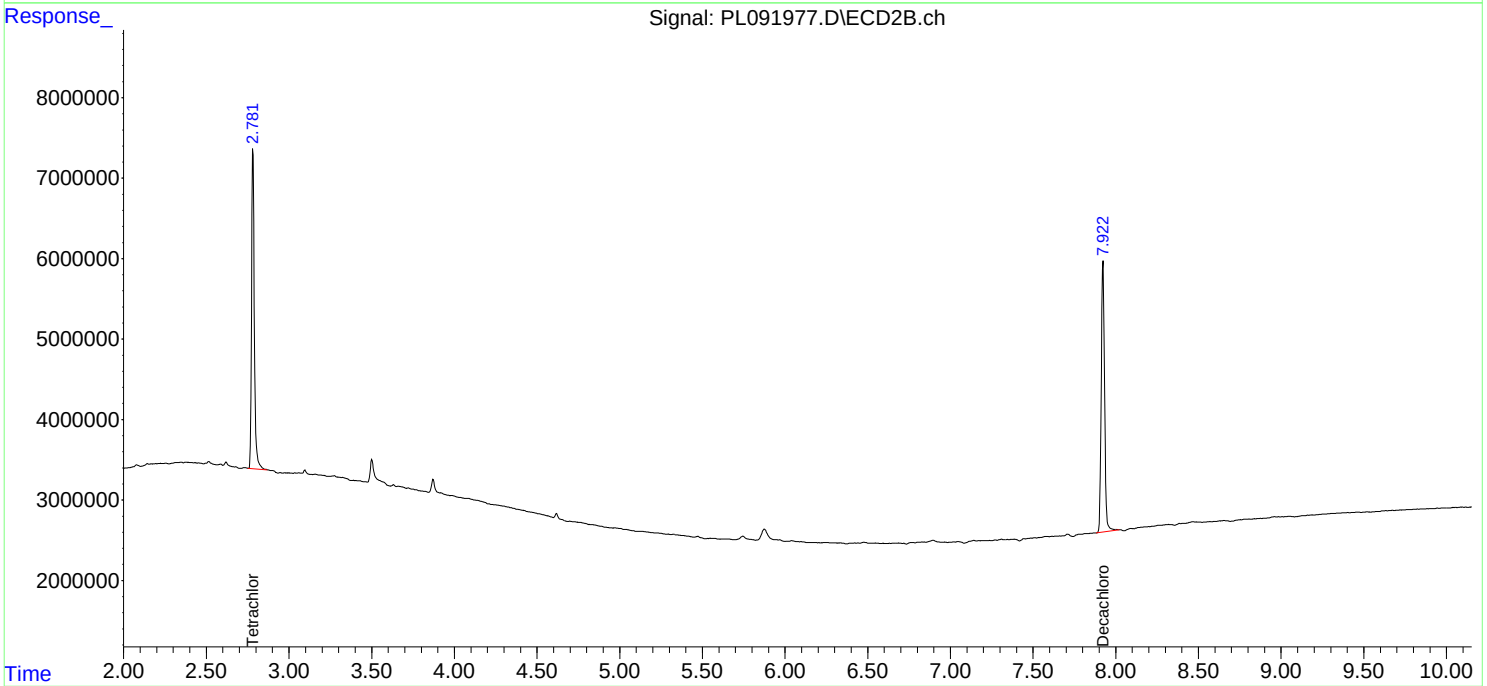
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:54
Operator : AR\AJ
Sample : PB163572BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

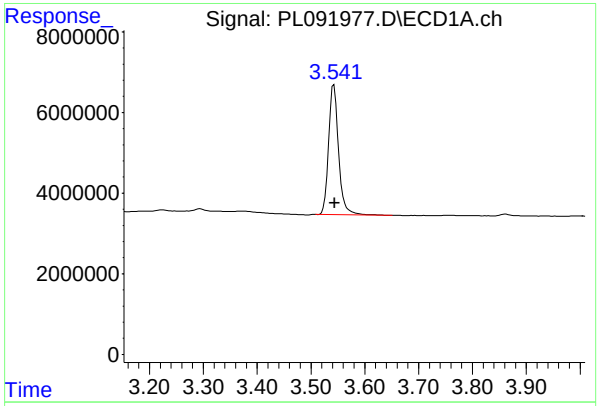
Instrument :
ECD_L
ClientSampleId :
PB163572BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



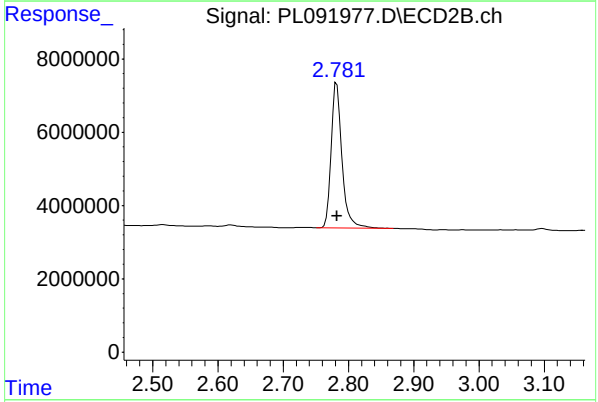




#1 Tetrachloro-m-xylene

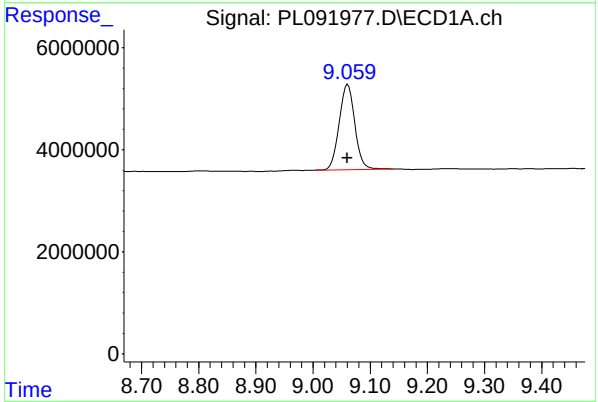
R.T.: 3.543 min
Delta R.T.: -0.001 mi
Response: 41491576
Conc: 18.65 ng/m

Instrument :
ECD_L
ClientSampleId :
PB163572BL



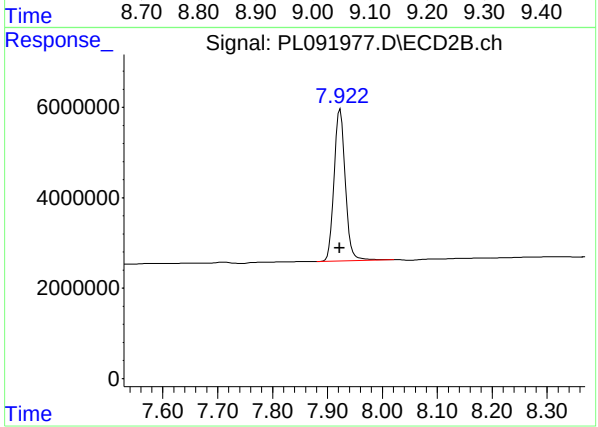
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45625242
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 31860835
Conc: 19.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 47808738
Conc: 19.11 ng/ml

Raw Data: **PL091953.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/23/24
Project:	North Point	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091953.D	SDG No.:	P4103
Lab Sample ID:	I.BLK-PL091953.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091953.D	1		09/23/24	PL092324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.6		30 (43) - 150 (140)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		30 (77) - 150 (126)	95%	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\PL092324\
Data File : PL091953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 10:52
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: Sep 23 14:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	42236372	45921989	18.986	18.310
28)	SA Decachlor...	9.060	7.923	32124664	46897103	19.609	18.744
	Target Compounds						

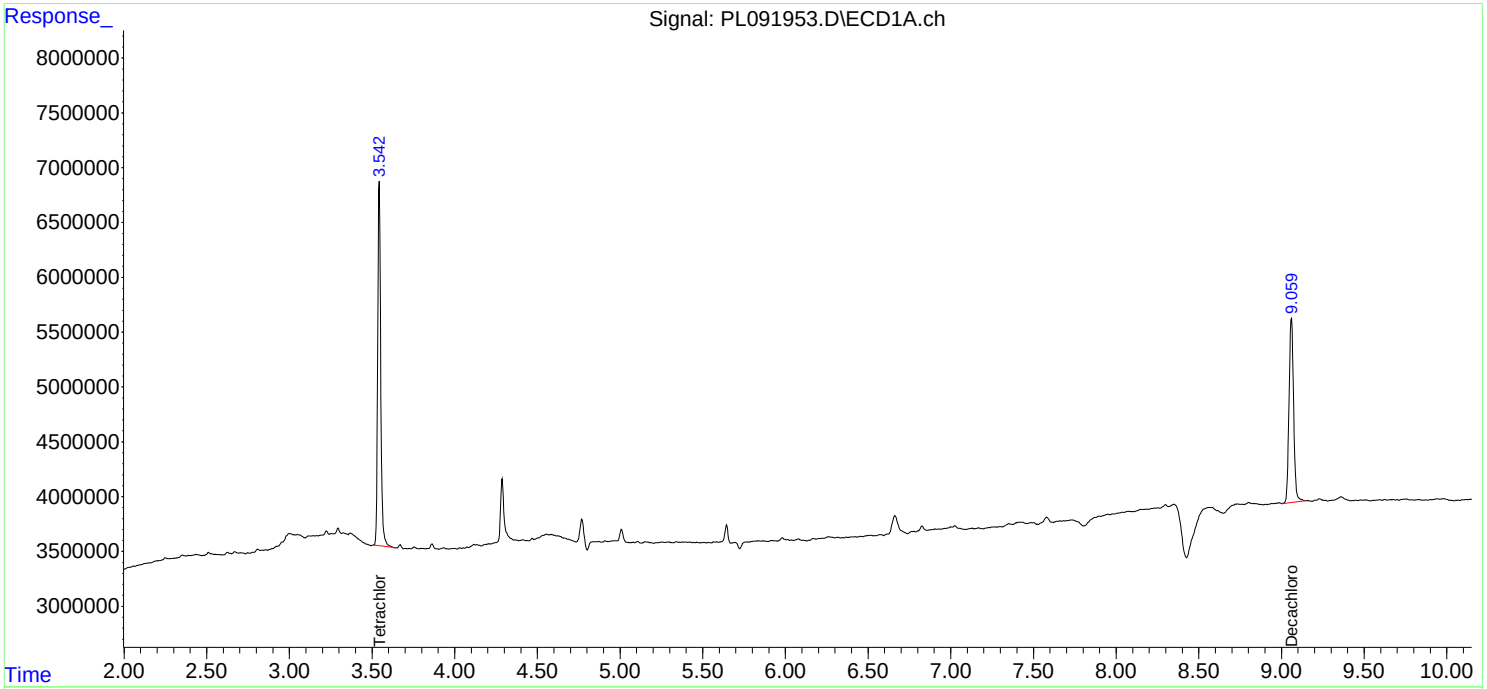
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

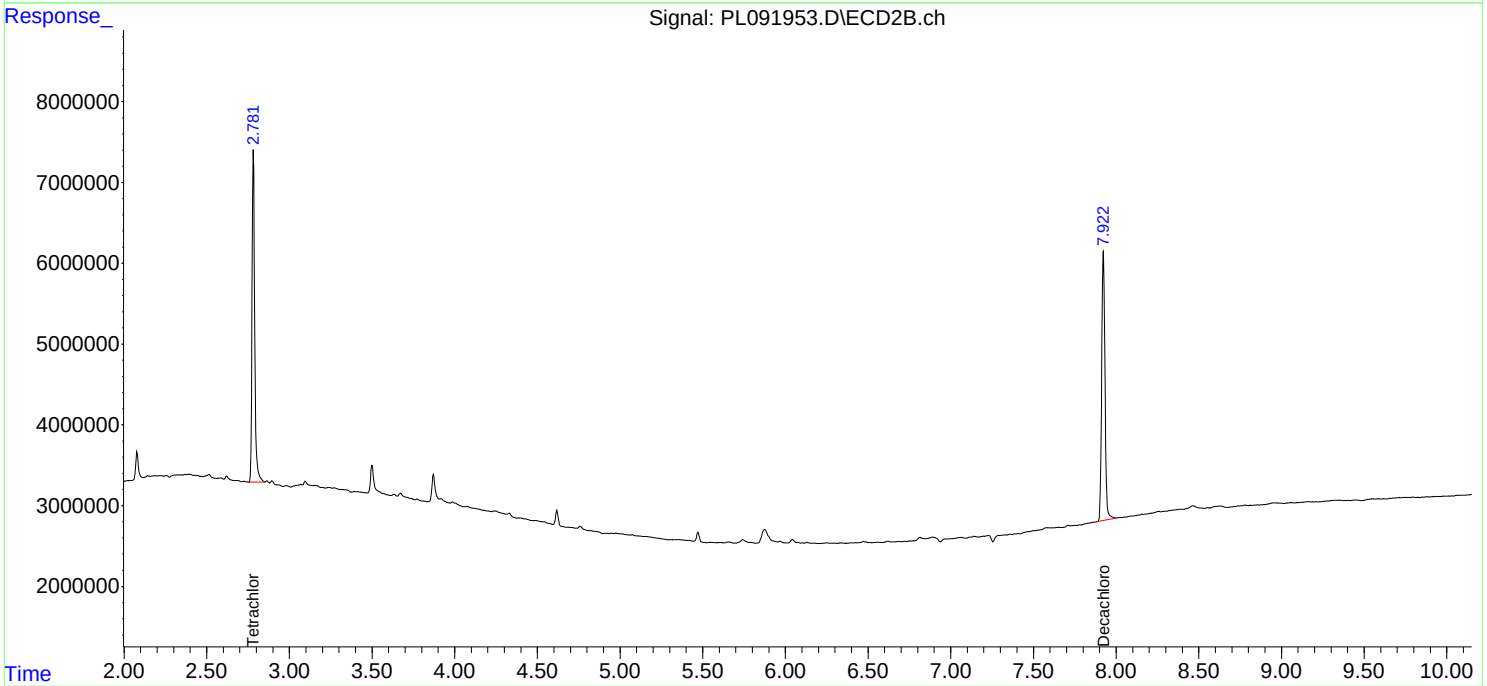
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 10:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

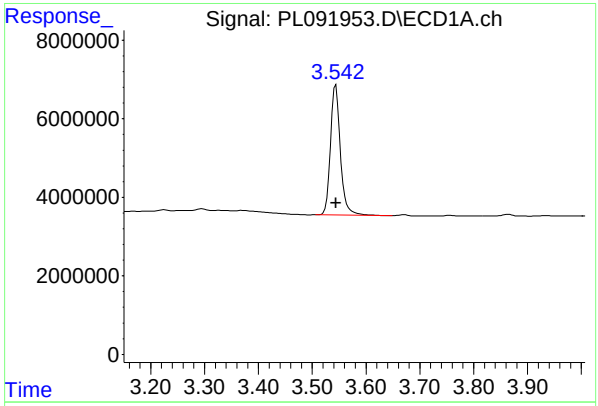
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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



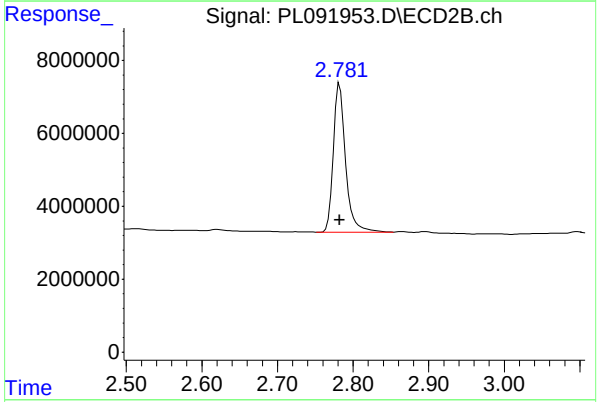




#1 Tetrachloro-m-xylene

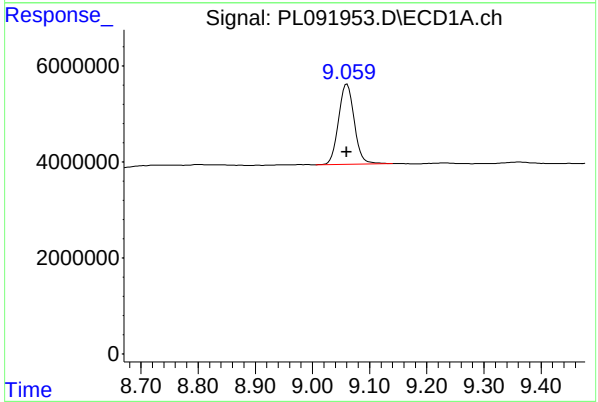
R.T.: 3.544 min
Delta R.T.: 0.000 mi
Response: 42236372
Conc: 18.99 ng/m

Instrument :
ECD_L
ClientSampleId :
I.BLK



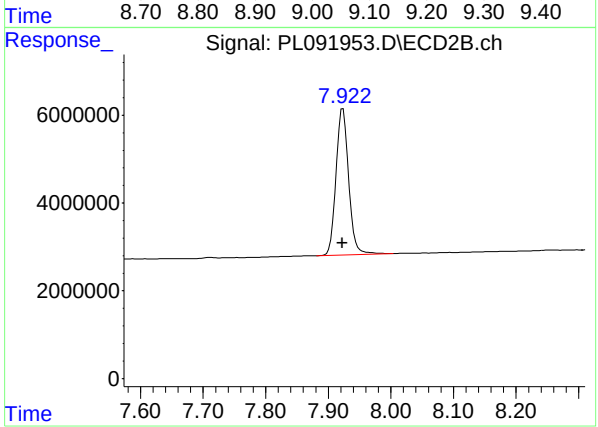
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45921989
Conc: 18.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32124664
Conc: 19.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 46897103
Conc: 18.74 ng/ml

Raw Data: **PL091974.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/23/24
Project:	North Point	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091974.D	SDG No.:	P4103
Lab Sample ID:	I.BLK-PL091974.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091974.D	1		09/23/24	PL092324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		30 (43) - 150 (140)	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		30 (77) - 150 (126)	96%	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: **PL091974.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:13
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: Sep 23 16:45:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	42886564	47349414	19.278	18.879
28)	SA Decachlor...	9.060	7.923	32372051	48991701	19.760	19.581
	Target Compounds						

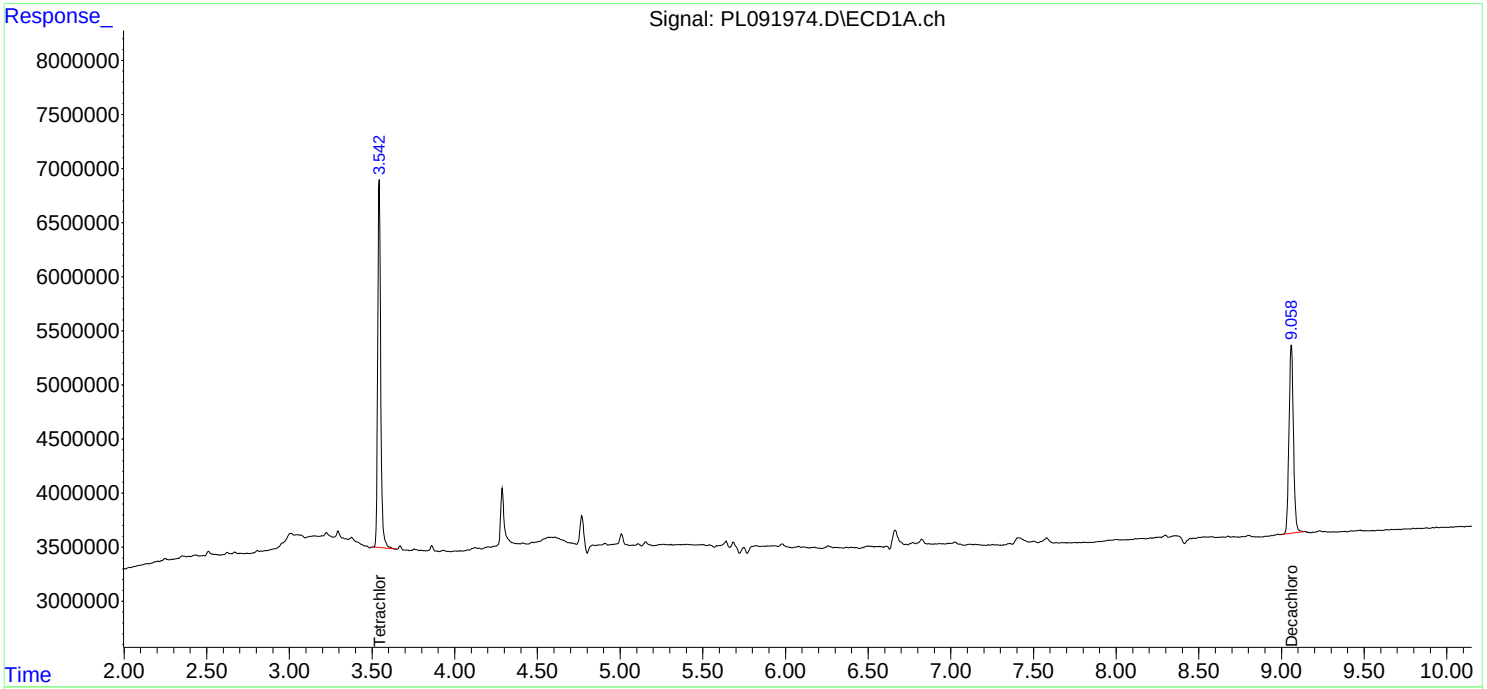
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

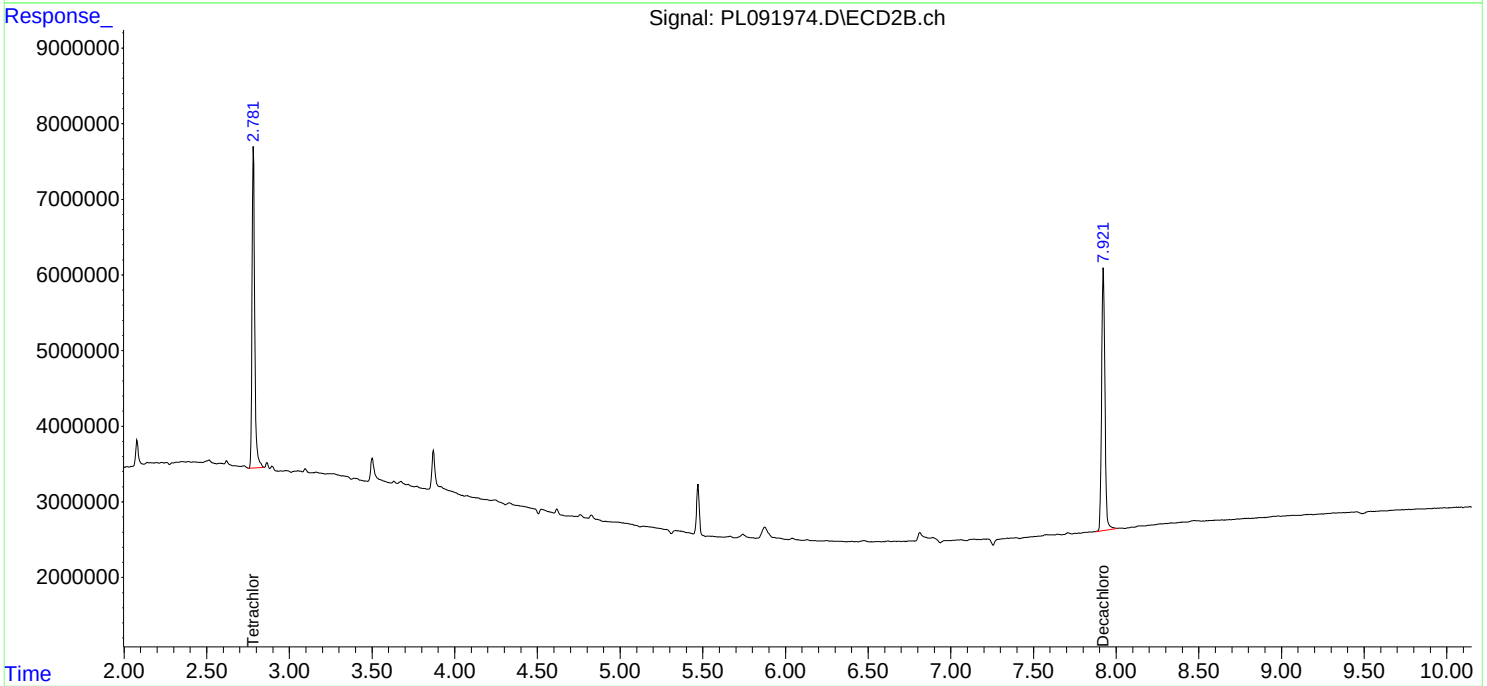
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 16:13
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

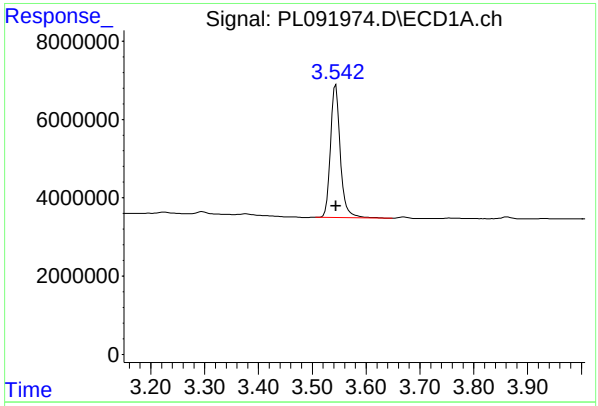
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:45:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



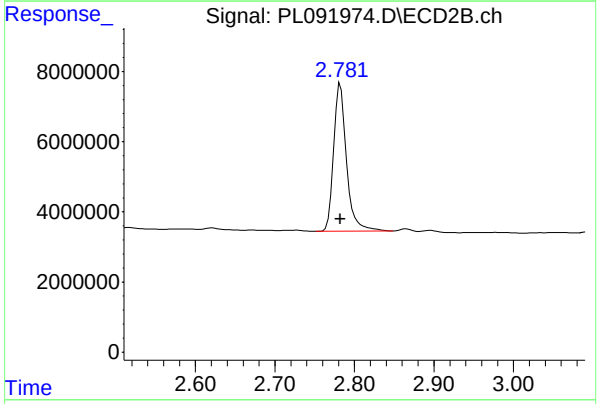




#1 Tetrachloro-m-xylene

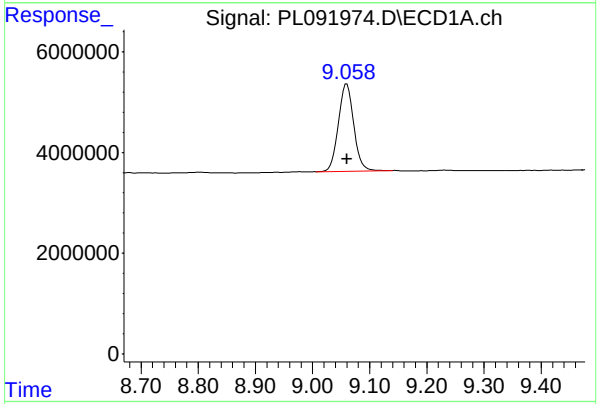
R.T.: 3.544 min
Delta R.T.: 0.000 mi
Response: 42886564
Conc: 19.28 ng/m

Instrument :
ECD_L
ClientSampleId :
I.BLK



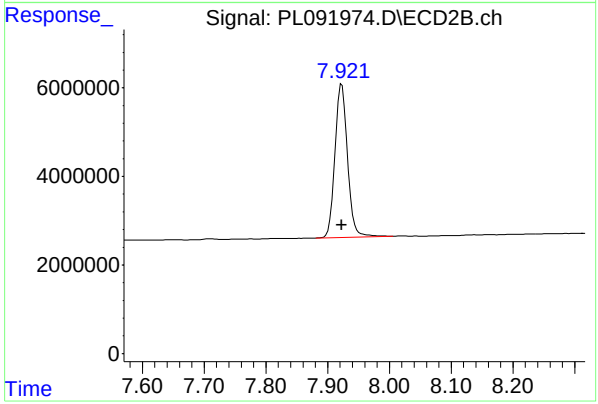
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 47349414
Conc: 18.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32372051
Conc: 19.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 48991701
Conc: 19.58 ng/ml

Raw Data: **PL091988.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/23/24
Project:	North Point	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091988.D	SDG No.:	P4103
Lab Sample ID:	I.BLK-PL091988.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091988.D	1		09/23/24	PL092324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.7		30 (43) - 150 (140)	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		30 (77) - 150 (126)	95%	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: **PL091988.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:13:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.783	42098486	46970925	18.924m	18.728
28)	SA Decachlor...	9.061	7.924	32282885	48669212	19.706	19.453
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 19:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

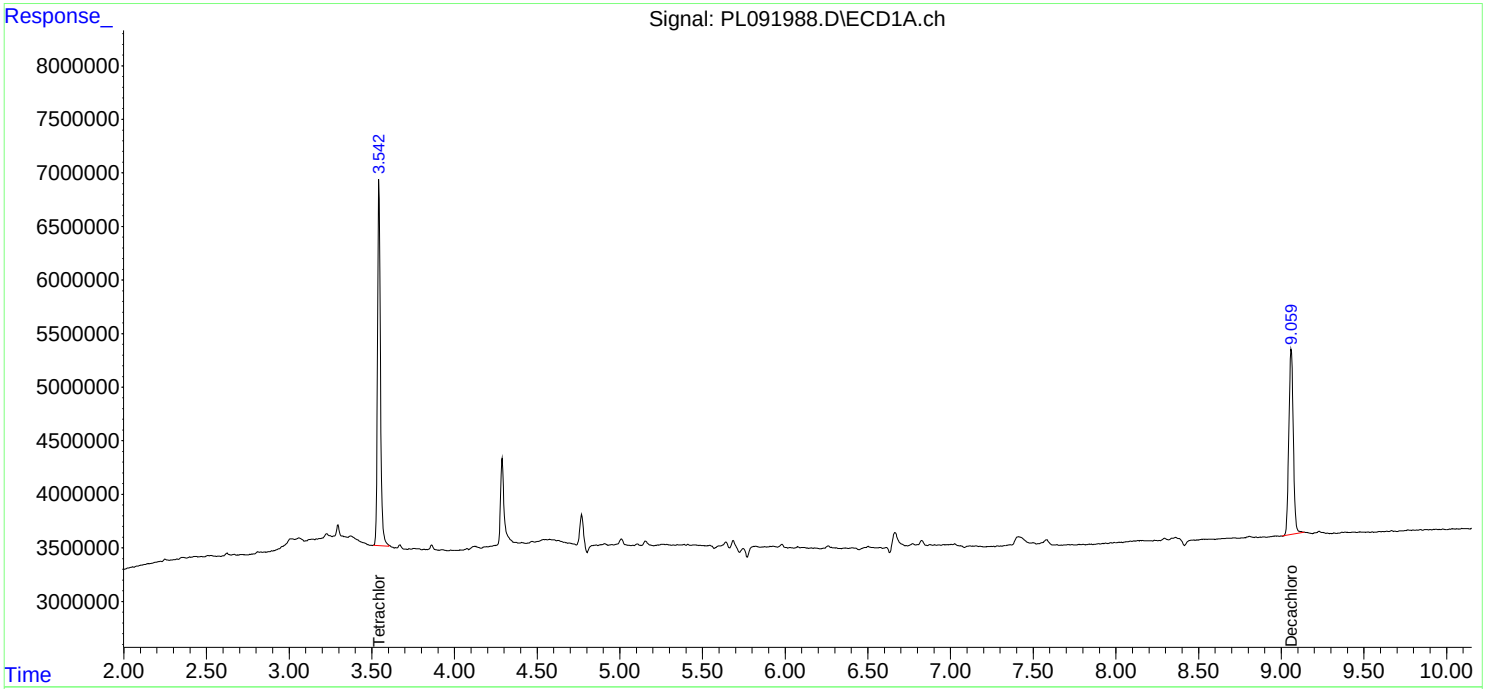
Instrument :
ECD_L
ClientSampleId :
I.BLK

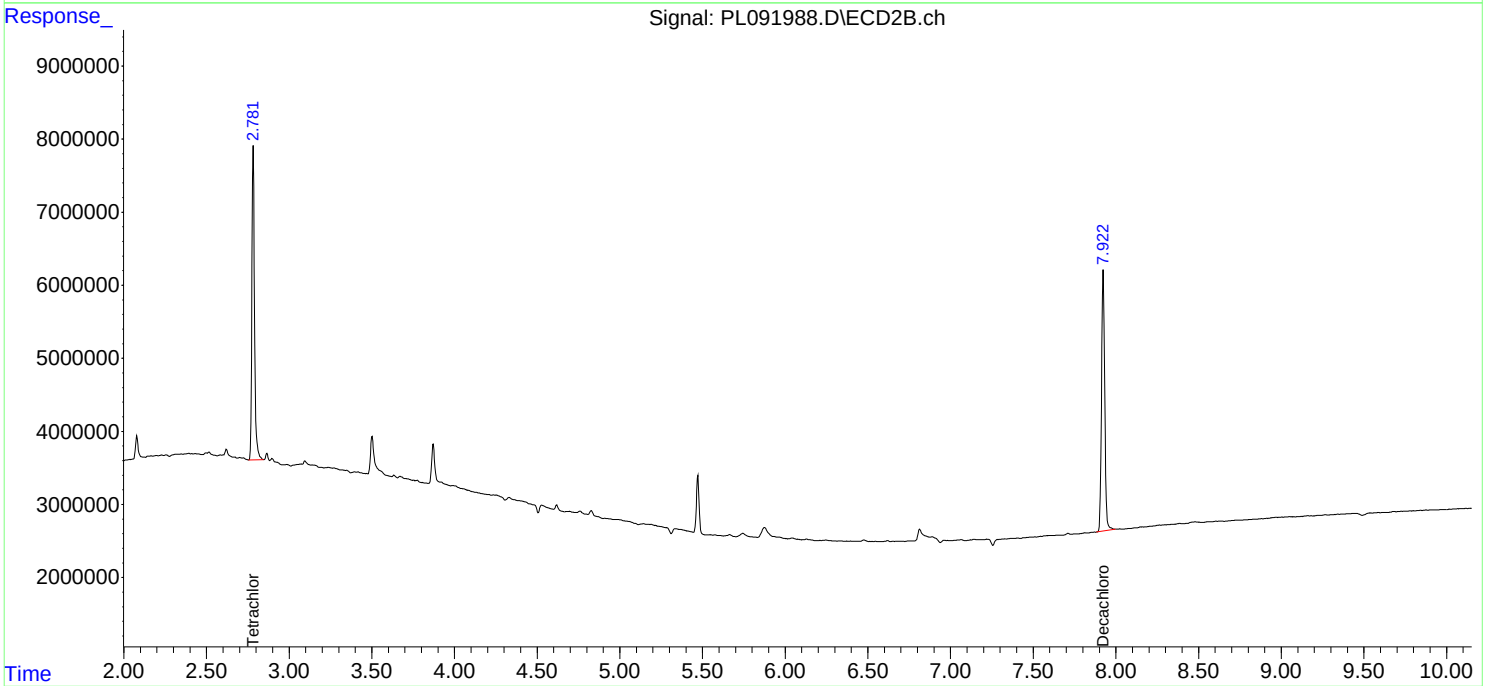
Manual Integrations APPROVED

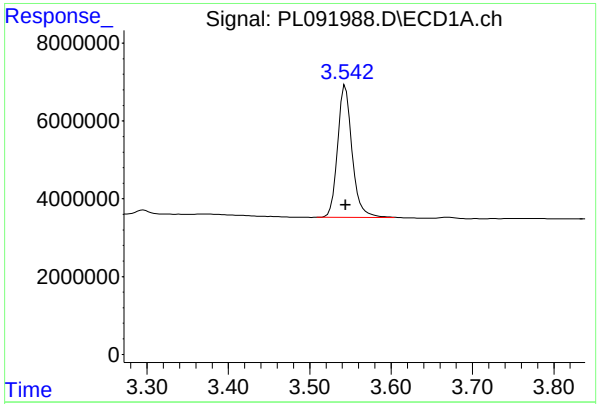
Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:13:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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







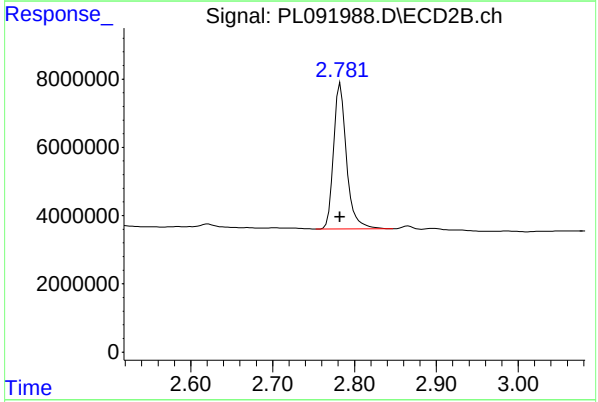
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 42098486
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

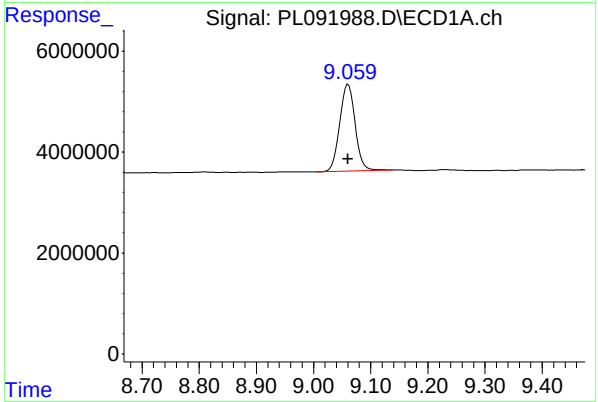
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



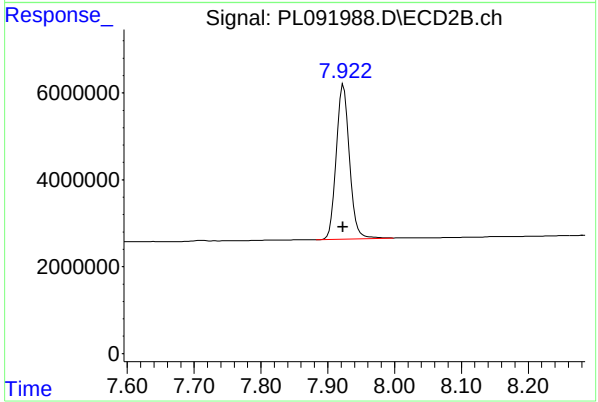
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 46970925
Conc: 18.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 32282885
Conc: 19.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 48669212
Conc: 19.45 ng/ml

Raw Data: **PL091978.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163572BS	SDG No.:	P4103
Lab Sample ID:	PB163572BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091978.D	1	09/20/24 11:45	09/23/24 17:07	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.42		0.0049	0.050	ug/L
76-44-8	Heptachlor	0.44		0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.43		0.0090	0.050	ug/L
72-20-8	Endrin	0.43		0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.43		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.1		30 (43) - 150 (140)	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		30 (77) - 150 (126)	90%	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: **PL091978.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:07
Operator : AR\AJ
Sample : PB163572BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163572BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:04:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.783	40188364	42502621	18.065	16.946
28)	SA Decachlor...	9.061	7.924	29639643	44648259	18.092	17.845
	Target Compounds						
2)	A alpha-BHC	4.000	3.286	126.3E6	155.6E6	40.774	42.709
3)	MA gamma-BHC...	4.333	3.616	123.7E6	148.5E6	39.921	42.060
4)	MA Heptachlor	4.922	3.956	116.8E6	152.0E6	42.253	44.042
5)	MB Aldrin	5.263	4.236	111.3E6	142.0E6	40.085	41.761
6)	B beta-BHC	4.529	3.915	56510674	65688386	42.605	43.702
7)	B delta-BHC	4.777	4.143	94141113	114.4E6	32.640	32.962m
8)	B Heptachlo...	5.689	4.739	104.6E6	129.9E6	41.103	42.962
9)	A Endosulfan I	6.075	5.109	97536253	120.4E6	42.161	43.875
10)	B gamma-Chl...	5.945	4.988	105.5E6	133.9E6	42.684	44.513
11)	B alpha-Chl...	6.024	5.052	104.6E6	132.4E6	42.471	44.220
12)	B 4,4'-DDE	6.197	5.240	91074227	122.7E6	42.078	44.158m
13)	MA Dieldrin	6.350	5.373	102.7E6	129.1E6	42.099	44.020
14)	MA Endrin	6.578	5.648	85016592	114.0E6	41.256m	43.490
15)	B Endosulfa...	6.797	5.943	89590426	112.2E6	40.728m	44.848
16)	A 4,4'-DDD	6.714	5.796	74131202	95019675	41.282	44.480
17)	MA 4,4'-DDT	7.028	6.046	79616266	101.1E6	43.241	43.691
18)	B Endrin al...	6.929	6.122	71138770	86596504	40.819	42.434
19)	B Endosulfa...	7.163	6.345	81539987	103.8E6	41.135	43.018
20)	A Methoxychlor	7.504	6.622	41542820	53717181	42.317	42.962
21)	B Endrin ke...	7.648	6.849	93209541	124.1E6	42.415	44.825m
22)	Mirex	8.121	7.032	74404697	102.6E6	41.313	42.166

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

Sample Results: **PL091978.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:07
Operator : AR\AJ
Sample : PB163572BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

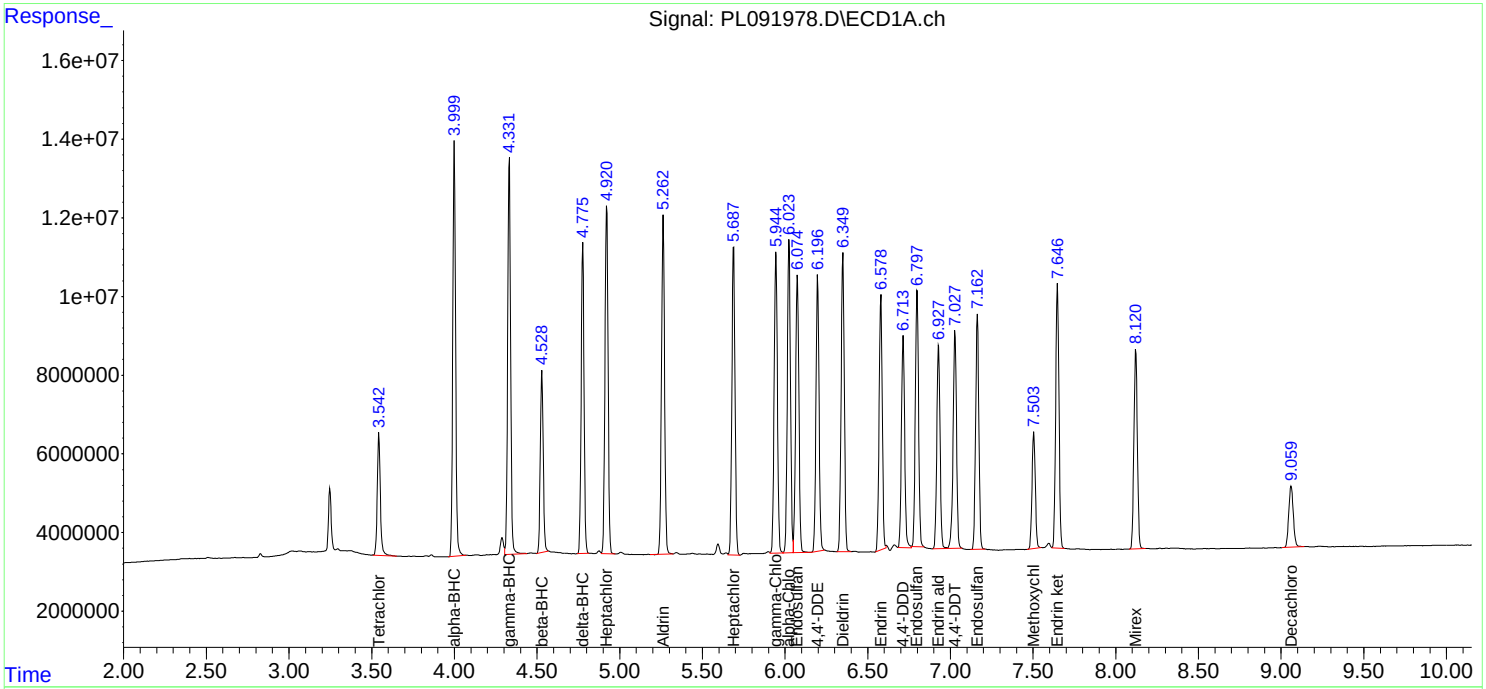
Instrument :
ECD_L
ClientSampleId :
PB163572BS

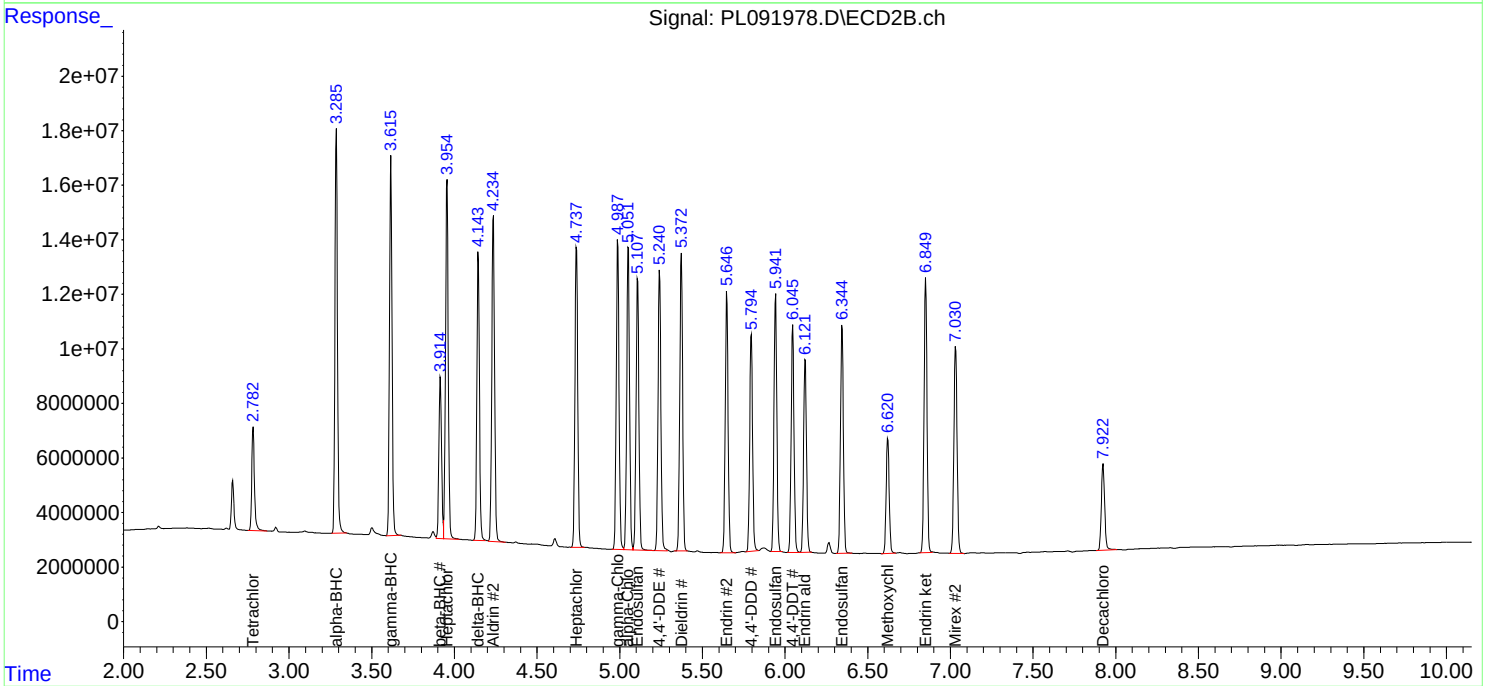
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:04:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL091980.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22AMS	SDG No.:	P4103
Lab Sample ID:	P4103-02MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091980.D	1	09/20/24 11:45	09/23/24 17:34	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.60	P	0.049	0.50	ug/L
76-44-8	Heptachlor	5.80		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.60		0.090	0.50	ug/L
72-20-8	Endrin	6.10		0.043	0.50	ug/L
72-43-5	Methoxychlor	5.70		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.6		30 (43) - 150 (140)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		30 (77) - 150 (126)	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: **PL091980.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:34
Operator : AR\AJ
Sample : P4103-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:06:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.783	28882215	54699550	12.983	21.809 #
28)	SA	Decachlor...	9.061	7.924	29906714	46409053	18.256	18.549
		Target Compounds						
2)	A	alpha-BHC	4.000	3.286	162.8E6	203.6E6	52.576	55.886
3)	MA	gamma-BHC...	4.328	3.615	235.6E6	209.5E6	76.044m	59.332m
4)	MA	Heptachlor	4.921	3.956	144.2E6	199.3E6	52.156	57.770
5)	MB	Aldrin	5.263	4.235	132.5E6	171.9E6	47.705	50.529
6)	B	beta-BHC	4.529	3.915	68924609	82918823	51.965	55.165
7)	B	delta-BHC	4.776	4.145	132.6E6	159.2E6	45.981	45.854
8)	B	Heptachlo...	5.689	4.738	131.1E6	169.3E6	51.532	56.017
9)	A	Endosulfan I	6.075	5.108	122.3E6	156.3E6	52.878	56.959
10)	B	gamma-Chl...	5.945	4.988	133.2E6	173.9E6	53.884	57.809
11)	B	alpha-Chl...	6.024	5.052	131.0E6	171.5E6	53.175	57.283
12)	B	4,4'-DDE	6.197	5.241	113.5E6	159.1E6	52.454	57.251
13)	MA	Dieldrin	6.350	5.373	130.2E6	170.3E6	53.376	58.076
14)	MA	Endrin	6.578	5.647	111.2E6	158.8E6	53.943m	60.575m
15)	B	Endosulfa...	6.799	5.942	114.7E6	146.2E6	52.131	58.432
16)	A	4,4'-DDD	6.714	5.796	91632677	122.9E6	51.028	57.550
17)	MA	4,4'-DDT	7.029	6.046	103.0E6	137.2E6	55.936	59.312
18)	B	Endrin al...	6.929	6.122	87756982	111.2E6	50.355	54.500
19)	B	Endosulfa...	7.163	6.344	102.7E6	136.4E6	51.827	56.556
20)	A	Methoxychlor	7.505	6.621	53256296	71055541	54.248	56.829
21)	B	Endrin ke...	7.648	6.849	116.8E6	159.1E6	53.157	57.468m
22)		Mirex	8.121	7.030	90835388	127.5E6	50.436	52.415m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:34
Operator : AR\AJ
Sample : P4103-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

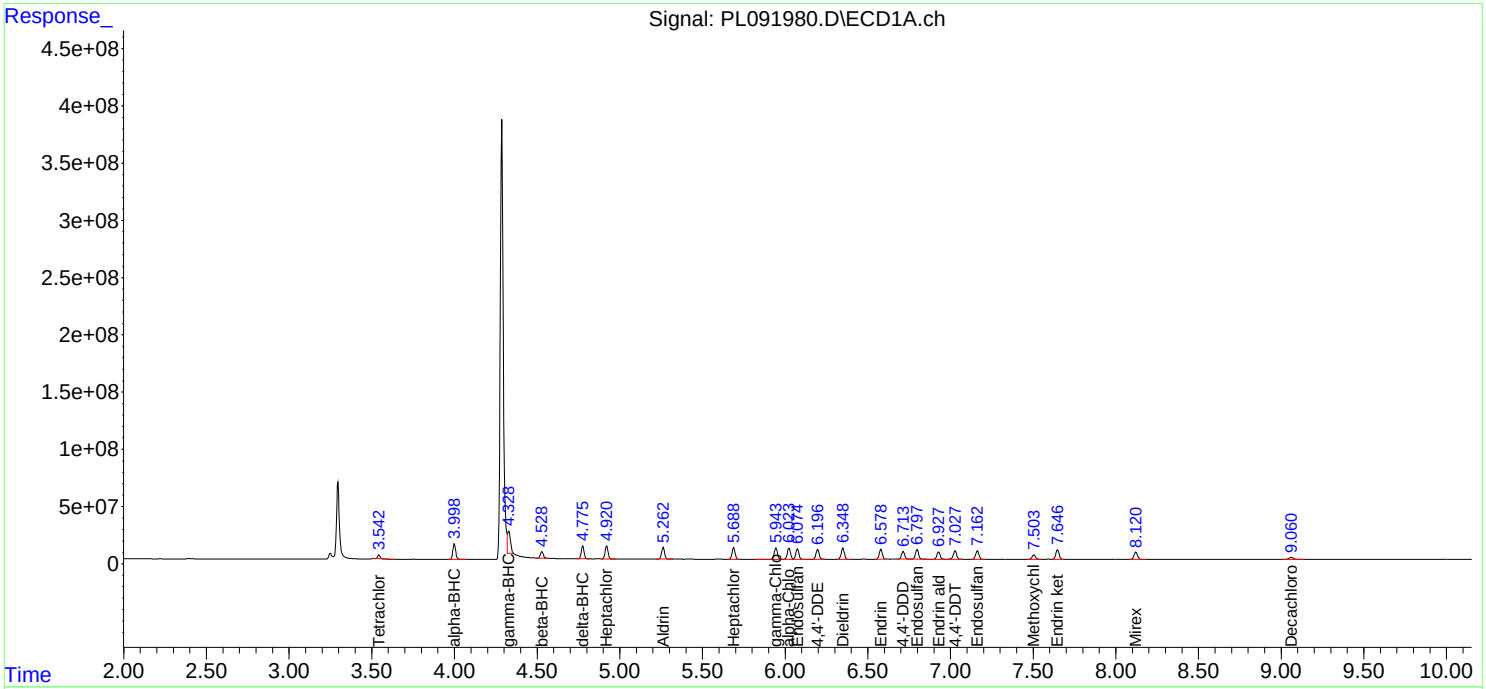
Instrument :
ECD_L
ClientSampleId :
WC-22AMS

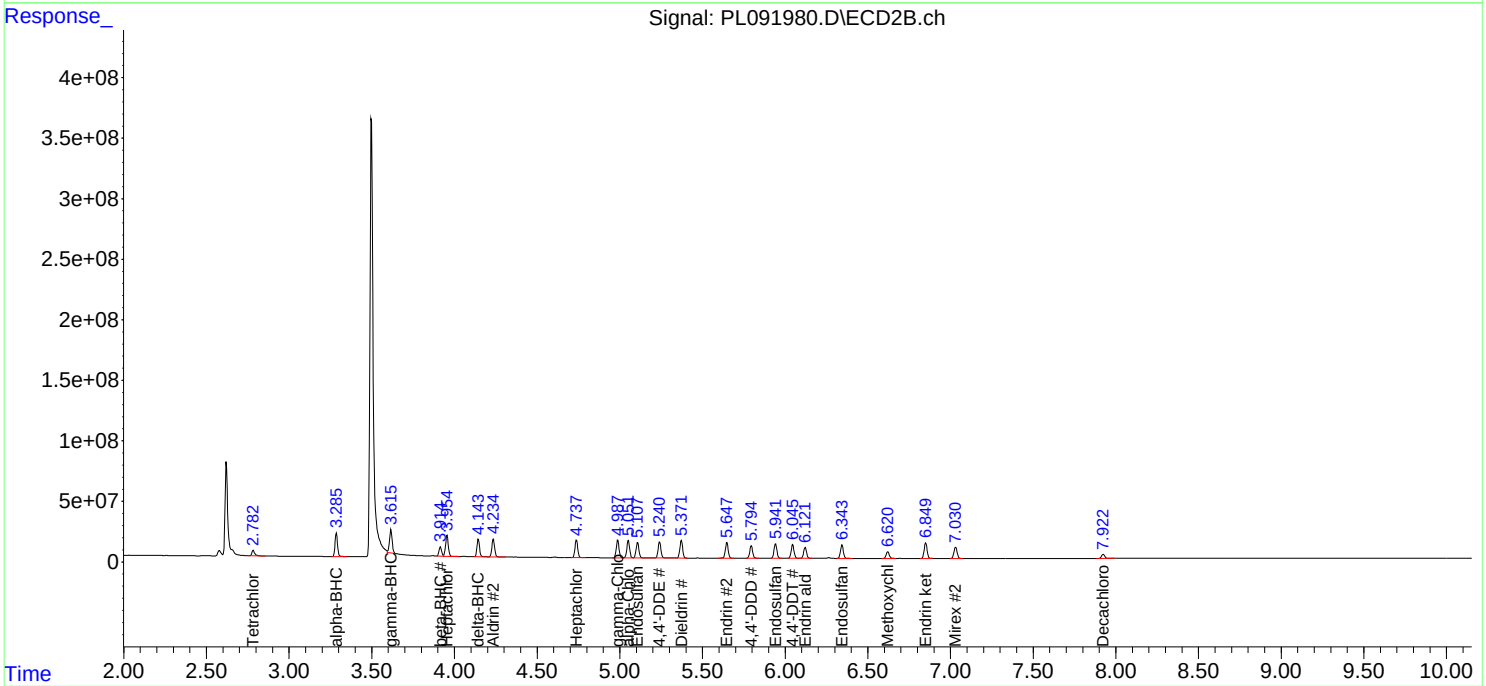
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:06:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL091981.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22AMSD	SDG No.:	P4103
Lab Sample ID:	P4103-02MSD	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091981.D	1	09/20/24 11:45	09/23/24 17:47	PB163572

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.10		0.049	0.50	ug/L
76-44-8	Heptachlor	5.70		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.50		0.090	0.50	ug/L
72-20-8	Endrin	5.90		0.043	0.50	ug/L
72-43-5	Methoxychlor	5.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		30 (43) - 150 (140)	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		30 (77) - 150 (126)	104%	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: **PL091981.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:47
Operator : AR\AJ
Sample : P4103-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-22AMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:07:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.783	26948365	52229285	12.113	20.824 #
28)	SA	Decachlor...	9.060	7.923	29415029	45604843	17.955	18.228
		Target Compounds						
2)	A	alpha-BHC	4.000	3.286	159.6E6	199.4E6	51.536	54.740
3)	MA	gamma-BHC...	4.328	3.615	218.6E6	211.1E6	70.555m	59.781m
4)	MA	Heptachlor	4.921	3.955	141.2E6	197.3E6	51.074	57.175
5)	MB	Aldrin	5.263	4.236	129.4E6	168.7E6	46.599	49.598
6)	B	beta-BHC	4.529	3.916	68020460	81709216	51.283	54.361
7)	B	delta-BHC	4.777	4.145	131.1E6	155.9E6	45.452	44.908
8)	B	Heptachlo...	5.689	4.738	128.7E6	166.4E6	50.559	55.047
9)	A	Endosulfan I	6.074	5.108	120.1E6	154.4E6	51.911	56.245
10)	B	gamma-Chl...	5.945	4.988	130.4E6	171.0E6	52.772	56.821
11)	B	alpha-Chl...	6.024	5.052	128.6E6	168.8E6	52.193	56.397
12)	B	4,4'-DDE	6.197	5.241	111.4E6	156.8E6	51.457	56.426
13)	MA	Dieldrin	6.349	5.372	127.4E6	167.8E6	52.226	57.236
14)	MA	Endrin	6.578	5.646	109.9E6	155.8E6	53.352m	59.422m
15)	B	Endosulfa...	6.798	5.942	112.1E6	143.5E6	50.972	57.347
16)	A	4,4'-DDD	6.714	5.795	89813117	121.2E6	50.015	56.741
17)	MA	4,4'-DDT	7.028	6.046	100.9E6	135.0E6	54.801	58.351
18)	B	Endrin al...	6.928	6.122	85726668	109.2E6	49.190	53.513
19)	B	Endosulfa...	7.163	6.345	100.8E6	134.2E6	50.868	55.643
20)	A	Methoxychlor	7.503	6.621	52061434	69865281	53.031	55.877
21)	B	Endrin ke...	7.648	6.850	114.5E6	156.4E6	52.115	56.475
22)		Mirex	8.121	7.031	88713825	125.1E6	49.258	51.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:47
Operator : AR\AJ
Sample : P4103-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

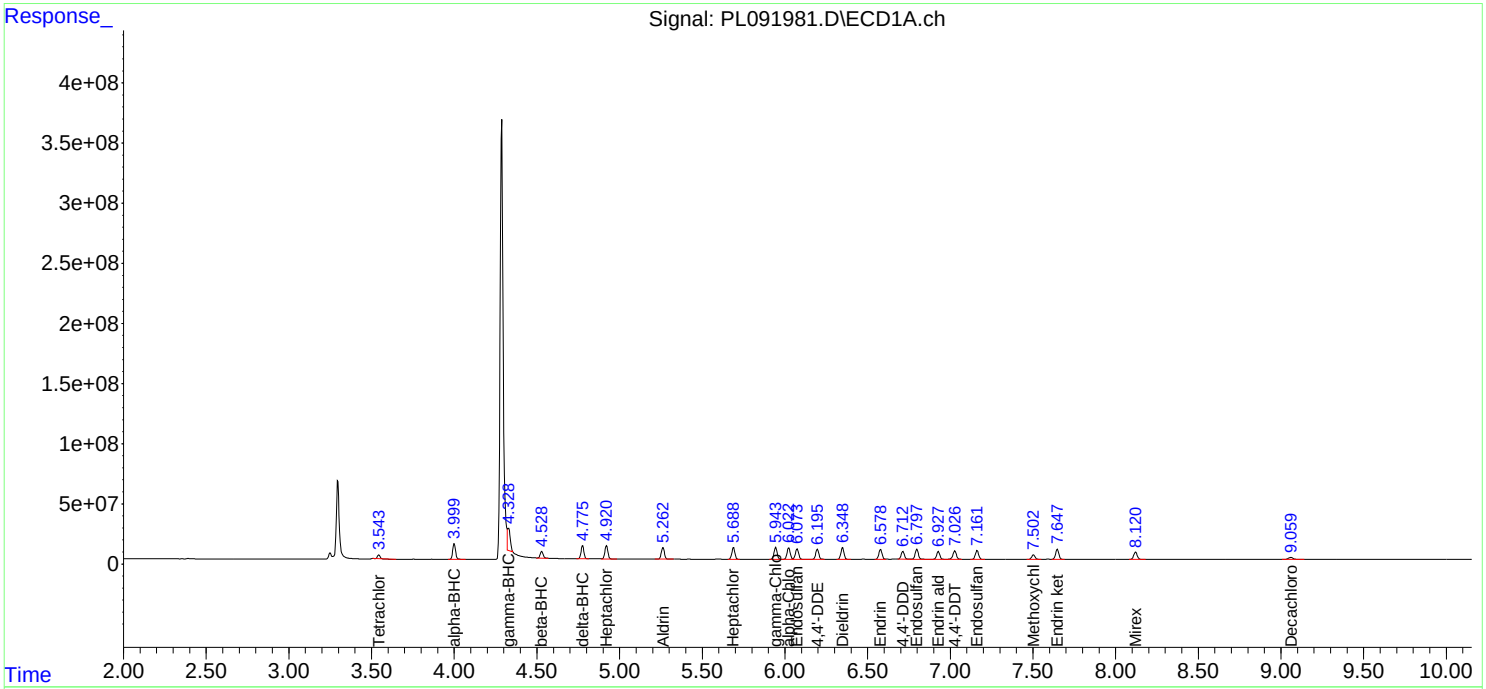
Instrument :
ECD_L
ClientSampleId :
WC-22AMSD

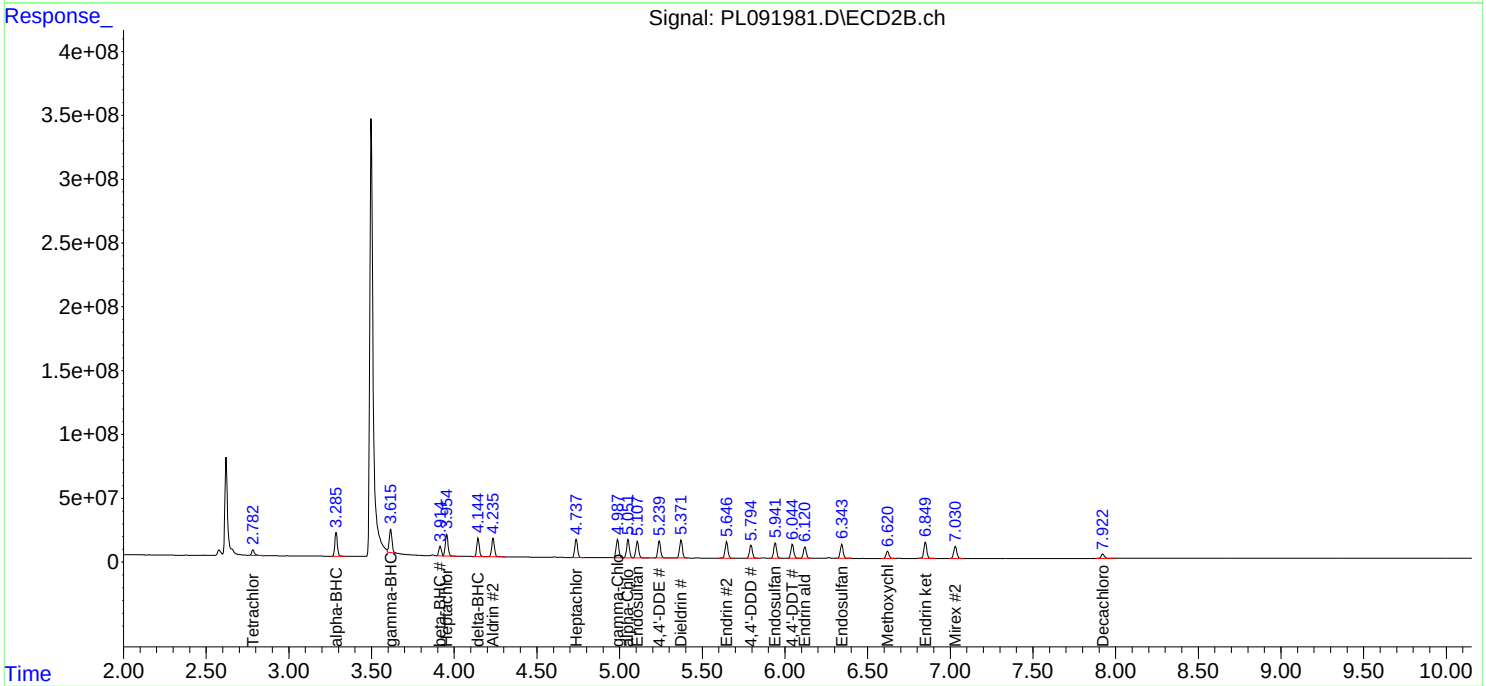
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:07:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL091954.D	Endrin ketone #2	Abdul	9/24/2024 9:17:41 AM	Ankita	9/24/2024 11:06:36	Peak Integrated by Software
PSTDICC025	PL091959.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:44 AM	Ankita	9/24/2024 11:06:38	Peak Integrated by Software
PSTDICC005	PL091960.D	delta-BHC	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Endrin ketone #2	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Methoxychlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDE	Abdul	9/24/2024 9:17:57 AM	Ankita	9/24/2024 11:06:45	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDT #2	Abdul	9/24/2024 9:17:57 AM	Ankita	9/24/2024 11:06:45	Peak Integrated by Software
PEM	PL091975.D	Endrin ketone #2	Abdul	9/24/2024 9:17:57 AM	Ankita	9/24/2024 11:06:45	Peak Integrated by Software
PEM	PL091975.D	gamma-BHC (Lindane)	Abdul	9/24/2024 9:17:57 AM	Ankita	9/24/2024 11:06:45	Peak Integrated by Software
PEM	PL091975.D	Methoxychlor #2	Abdul	9/24/2024 9:17:57 AM	Ankita	9/24/2024 11:06:45	Peak Integrated by Software
PSTDCCC050	PL091976.D	4,4"-DDE #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL091976.D	Aldrin #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	delta-BHC #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin aldehyde	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin ketone #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PB163572BS	PL091978.D	4,4"-DDE #2	Abdul	9/24/2024 9:18:12 AM	Ankita	9/24/2024 11:06:51	Peak Integrated by Software
PB163572BS	PL091978.D	delta-BHC #2	Abdul	9/24/2024 9:18:12 AM	Ankita	9/24/2024 11:06:51	Peak Integrated by Software
PB163572BS	PL091978.D	Endosulfan II	Abdul	9/24/2024 9:18:12 AM	Ankita	9/24/2024 11:06:51	Peak Integrated by Software
PB163572BS	PL091978.D	Endrin	Abdul	9/24/2024 9:18:12 AM	Ankita	9/24/2024 11:06:51	Peak Integrated by Software
PB163572BS	PL091978.D	Endrin ketone #2	Abdul	9/24/2024 9:18:12 AM	Ankita	9/24/2024 11:06:51	Peak Integrated by Software
P4103-02	PL091979.D	Decachlorobiphenyl #2	Abdul	9/24/2024 9:18:16 AM	Ankita	9/24/2024 11:06:53	Peak Integrated by Software
P4103-02	PL091979.D	Tetrachloro-m-xylene #2	Abdul	9/24/2024 9:18:16 AM	Ankita	9/24/2024 11:06:53	Peak Integrated by Software
P4103-02MS	PL091980.D	Endrin	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software
P4103-02MS	PL091980.D	Endrin #2	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4103-02MS	PL091980.D	Endrin ketone #2	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software
P4103-02MS	PL091980.D	gamma-BHC (Lindane)	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software
P4103-02MS	PL091980.D	gamma-BHC (Lindane) #2	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software
P4103-02MS	PL091980.D	Mirex #2	Abdul	9/24/2024 9:18:20 AM	Ankita	9/24/2024 11:06:55	Peak Integrated by Software
P4103-02MSD	PL091981.D	Endrin	Abdul	9/24/2024 9:18:24 AM	Ankita	9/24/2024 11:07:12	Peak Integrated by Software
P4103-02MSD	PL091981.D	Endrin #2	Abdul	9/24/2024 9:18:24 AM	Ankita	9/24/2024 11:07:12	Peak Integrated by Software
P4103-02MSD	PL091981.D	gamma-BHC (Lindane)	Abdul	9/24/2024 9:18:24 AM	Ankita	9/24/2024 11:07:12	Peak Integrated by Software
P4103-02MSD	PL091981.D	gamma-BHC (Lindane) #2	Abdul	9/24/2024 9:18:24 AM	Ankita	9/24/2024 11:07:12	Peak Integrated by Software
P4103-08	PL091983.D	Decachlorobiphenyl	Abdul	9/24/2024 9:18:35 AM	Ankita	9/24/2024 11:07:15	Peak Integrated by Software
P4103-08	PL091983.D	Tetrachloro-m-xylene #2	Abdul	9/24/2024 9:18:35 AM	Ankita	9/24/2024 11:07:15	Peak Integrated by Software
P4103-11	PL091984.D	Decachlorobiphenyl	Abdul	9/24/2024 9:18:38 AM	Ankita	9/24/2024 11:07:17	Peak Integrated by Software
P4103-11	PL091984.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:18:38 AM	Ankita	9/24/2024 11:07:17	Peak Integrated by Software
P4103-11	PL091984.D	Tetrachloro-m-xylene #2	Abdul	9/24/2024 9:18:38 AM	Ankita	9/24/2024 11:07:17	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4103-14	PL091985.D	Decachlorobiphenyl	Abdul	9/24/2024 9:18:42 AM	Ankita	9/24/2024 11:07:19	Peak Integrated by Software
P4103-14	PL091985.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:18:42 AM	Ankita	9/24/2024 11:07:19	Peak Integrated by Software
P4103-17	PL091986.D	Decachlorobiphenyl	Abdul	9/24/2024 9:18:46 AM	Ankita	9/24/2024 11:07:22	Peak Integrated by Software
P4103-17	PL091986.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:18:46 AM	Ankita	9/24/2024 11:07:22	Peak Integrated by Software
PB163511TB	PL091987.D	Tetrachloro-m-xylene #2	Abdul	9/24/2024 9:23:04 AM	Ankita	9/24/2024 11:07:24	Peak Integrated by Software
I.BLK	PL091988.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:23:07 AM	Ankita	9/24/2024 11:07:26	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDD	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDE #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Aldrin #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	delta-BHC #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endrin	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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 # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
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	PL091952.D	23 Sep 2024 10:38	AR\AJ	Ok
2	I.BLK	PL091953.D	23 Sep 2024 10:52	AR\AJ	Ok
3	PEM	PL091954.D	23 Sep 2024 11:05	AR\AJ	Ok,M
4	RESCHK	PL091955.D	23 Sep 2024 11:19	AR\AJ	Ok
5	PSTDICC100	PL091956.D	23 Sep 2024 11:32	AR\AJ	Ok
6	PSTDICC075	PL091957.D	23 Sep 2024 11:45	AR\AJ	Ok
7	PSTDICC050	PL091958.D	23 Sep 2024 11:59	AR\AJ	Ok
8	PSTDICC025	PL091959.D	23 Sep 2024 12:12	AR\AJ	Ok,M
9	PSTDICC005	PL091960.D	23 Sep 2024 12:26	AR\AJ	Ok,M
10	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39	AR\AJ	Ok
11	PCHLORICC750	PL091962.D	23 Sep 2024 12:52	AR\AJ	Ok
12	PCHLORICC500	PL091963.D	23 Sep 2024 13:06	AR\AJ	Ok
13	PCHLORICC250	PL091964.D	23 Sep 2024 13:19	AR\AJ	Ok
14	PCHLORICC050	PL091965.D	23 Sep 2024 13:33	AR\AJ	Ok
15	PTOXICC1000	PL091966.D	23 Sep 2024 13:46	AR\AJ	Ok
16	PTOXICC750	PL091967.D	23 Sep 2024 13:59	AR\AJ	Ok
17	PTOXICC500	PL091968.D	23 Sep 2024 14:13	AR\AJ	Ok
18	PTOXICC250	PL091969.D	23 Sep 2024 14:26	AR\AJ	Ok
19	PTOXICC100	PL091970.D	23 Sep 2024 14:40	AR\AJ	Ok,M
20	PSTDICV050	PL091971.D	23 Sep 2024 14:53	AR\AJ	Ok
21	PCHLORICV500	PL091972.D	23 Sep 2024 15:20	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
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	PL091973.D	23 Sep 2024 15:47	AR\AJ	Ok
23	I.BLK	PL091974.D	23 Sep 2024 16:13	AR\AJ	Ok
24	PEM	PL091975.D	23 Sep 2024 16:27	AR\AJ	Ok,M
25	PSTDCCC050	PL091976.D	23 Sep 2024 16:40	AR\AJ	Ok,M
26	PB163572BL	PL091977.D	23 Sep 2024 16:54	AR\AJ	Ok
27	PB163572BS	PL091978.D	23 Sep 2024 17:07	AR\AJ	Ok,M
28	P4103-02	PL091979.D	23 Sep 2024 17:20	AR\AJ	Ok,M
29	P4103-02MS	PL091980.D	23 Sep 2024 17:34	AR\AJ	Ok,M
30	P4103-02MSD	PL091981.D	23 Sep 2024 17:47	AR\AJ	Ok,M
31	P4103-05	PL091982.D	23 Sep 2024 18:01	AR\AJ	Ok
32	P4103-08	PL091983.D	23 Sep 2024 18:14	AR\AJ	Ok,M
33	P4103-11	PL091984.D	23 Sep 2024 18:28	AR\AJ	Ok,M
34	P4103-14	PL091985.D	23 Sep 2024 18:41	AR\AJ	Ok,M
35	P4103-17	PL091986.D	23 Sep 2024 18:55	AR\AJ	Ok,M
36	PB163511TB	PL091987.D	23 Sep 2024 19:08	AR\AJ	Ok,M
37	I.BLK	PL091988.D	23 Sep 2024 19:21	AR\AJ	Ok,M
38	PSTDCCC050	PL091989.D	23 Sep 2024 19:35	AR\AJ	Ok,M

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 # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
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	PL091952.D	23 Sep 2024 10:38		AR\AJ	Ok
2	I.BLK	I.BLK	PL091953.D	23 Sep 2024 10:52		AR\AJ	Ok
3	PEM	PEM	PL091954.D	23 Sep 2024 11:05		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL091955.D	23 Sep 2024 11:19		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL091956.D	23 Sep 2024 11:32		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL091957.D	23 Sep 2024 11:45		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL091958.D	23 Sep 2024 11:59		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL091959.D	23 Sep 2024 12:12		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL091960.D	23 Sep 2024 12:26		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL091962.D	23 Sep 2024 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL091963.D	23 Sep 2024 13:06		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL091964.D	23 Sep 2024 13:19		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL091965.D	23 Sep 2024 13:33		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL091966.D	23 Sep 2024 13:46		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL091967.D	23 Sep 2024 13:59		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL091968.D	23 Sep 2024 14:13		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL091969.D	23 Sep 2024 14:26		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 # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
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	PL091970.D	23 Sep 2024 14:40		AR\AJ	Ok,M
20	PSTDICV050	ICVPL092324	PL091971.D	23 Sep 2024 14:53		AR\AJ	Ok
21	PCHLORICV500	ICVPL092324	PL091972.D	23 Sep 2024 15:20		AR\AJ	Ok
22	PTOXICV500	ICVPL092324	PL091973.D	23 Sep 2024 15:47		AR\AJ	Ok
23	I.BLK	I.BLK	PL091974.D	23 Sep 2024 16:13		AR\AJ	Ok
24	PEM	PEM	PL091975.D	23 Sep 2024 16:27		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL091976.D	23 Sep 2024 16:40		AR\AJ	Ok,M
26	PB163572BL	PB163572BL	PL091977.D	23 Sep 2024 16:54		AR\AJ	Ok
27	PB163572BS	PB163572BS	PL091978.D	23 Sep 2024 17:07		AR\AJ	Ok,M
28	P4103-02	WC-22A	PL091979.D	23 Sep 2024 17:20	TCMX low 1st column	AR\AJ	Ok,M
29	P4103-02MS	WC-22AMS	PL091980.D	23 Sep 2024 17:34	TCMX low 1st column	AR\AJ	Ok,M
30	P4103-02MSD	WC-22AMSD	PL091981.D	23 Sep 2024 17:47	TCMX low 1st column	AR\AJ	Ok,M
31	P4103-05	WC-14-5-7.5A	PL091982.D	23 Sep 2024 18:01		AR\AJ	Ok
32	P4103-08	WC-14-5-7.5B	PL091983.D	23 Sep 2024 18:14		AR\AJ	Ok,M
33	P4103-11	WC-14-7.5-10A	PL091984.D	23 Sep 2024 18:28		AR\AJ	Ok,M
34	P4103-14	WC-14-7.5-10B	PL091985.D	23 Sep 2024 18:41		AR\AJ	Ok,M
35	P4103-17	WC-23	PL091986.D	23 Sep 2024 18:55		AR\AJ	Ok,M
36	PB163511TB	PB163511TB	PL091987.D	23 Sep 2024 19:08		AR\AJ	Ok,M
37	I.BLK	I.BLK	PL091988.D	23 Sep 2024 19:21		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 # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
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	

38	PSTDCCC050	PSTDCCC050	PL091989.D	23 Sep 2024 19:35		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163511

SOP ID : M1311-TCLP-14

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 114771

Start Prep Date : 09/19/2024 **Time :** 17:00

End Prep Date : 09/20/2024 **Time :** 10:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JP

Standared Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. p4123-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/20/24 11:00	JP ICC2R Room	JPP / IEXT
	Preparation Group TCLP	Analysis Group INORG

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163511

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4099-01	GAS-TRANSMISSION-DEBRIS	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4103-02	WC-22A	02	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4103-05	WC-14-5-7.5A	03	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
P4103-08	WC-14-5-7.5B	04	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4103-11	WC-14-7.5-10A	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4103-14	WC-14-7.5-10B	06	100.04	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4103-17	WC-23	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4120-02	T1	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-04	T2	09	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-06	SF-6-A	10	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4120-08	SF-6-B	11	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-2
P4120-10	COMP-1	12	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
P4120-12	COMP-2	13	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
P4120-14	RB24085	14	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
P4121-01	COMP-1	15	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-2
P4121-02	COMP-2	16	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
P4123-01	910-B	17	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB163511TB	LEB511	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4099-01	GAS-TRANSMISSION-DEBRIS	N/A	N/A	N/A	N/A	100	N/A
P4103-02	WC-22A	N/A	N/A	N/A	N/A	100	N/A
P4103-05	WC-14-5-7.5A	N/A	N/A	N/A	N/A	100	N/A
P4103-08	WC-14-5-7.5B	N/A	N/A	N/A	N/A	100	N/A
P4103-11	WC-14-7.5-10A	N/A	N/A	N/A	N/A	100	N/A
P4103-14	WC-14-7.5-10B	N/A	N/A	N/A	N/A	100	N/A
P4103-17	WC-23	N/A	N/A	N/A	N/A	100	N/A
P4120-02	T1	N/A	N/A	N/A	N/A	100	N/A
P4120-04	T2	N/A	N/A	N/A	N/A	100	N/A
P4120-06	SF-6-A	N/A	N/A	N/A	N/A	100	N/A
P4120-08	SF-6-B	N/A	N/A	N/A	N/A	100	N/A
P4120-10	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4120-12	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4120-14	RB24085	N/A	N/A	N/A	N/A	100	N/A
P4121-01	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4121-02	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4123-01	910-B	N/A	N/A	N/A	N/A	100	N/A
PB163511TB	LEB511	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB163511

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
P4099-01	GAS-TRANSMISSION-DEBRIS	5.02	96.5	9.0	3.5	#1	4.94
P4103-02	WC-22A	5.03	96.5	7.2	2.5	#1	4.94
P4103-05	WC-14-5-7.5A	5.02	96.5	10.0	4.0	#1	4.94
P4103-08	WC-14-5-7.5B	5.03	96.5	9.3	3.5	#1	4.94
P4103-11	WC-14-7.5-10A	5.02	96.5	7.4	2.5	#1	4.94
P4103-14	WC-14-7.5-10B	5.01	96.5	8.0	3.0	#1	4.94
P4103-17	WC-23	5.02	96.5	8.4	3.5	#1	4.94
P4120-02	T1	5.03	96.5	11.5	4.5	#1	4.94
P4120-04	T2	5.04	96.5	11.5	4.5	#1	4.94
P4120-06	SF-6-A	5.03	96.5	11.0	4.0	#1	4.94
P4120-08	SF-6-B	5.02	96.5	11.0	4.5	#1	4.94
P4120-10	COMP-1	5.03	96.5	11.0	4.5	#1	4.94
P4120-12	COMP-2	5.02	96.5	11.5	4.5	#1	4.94
P4120-14	RB24085	5.02	96.5	8.6	3.5	#1	4.94
P4121-01	COMP-1	5.02	96.5	6.2	2.0	#1	4.94
P4121-02	COMP-2	5.02	96.5	7.2	2.5	#1	4.94
P4123-01	910-B	5.02	96.5	7.6	2.5	#1	4.94
PB163511TB	LEB511	N/A	N/A	N/A	N/A	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP P4103 **WorkList ID :** 183644 **Department :** TCLP Extraction **Date :** 09-19-2024 11:38:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4099-01	GAS-TRANSMISSION-DEBRIS	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H53	09/18/2024	1311
P4103-02	WC-22A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-05	WC-14-5-7.5A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-08	WC-14-5-7.5B	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-11	WC-14-7.5-10A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-14	WC-14-7.5-10B	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-17	WC-23	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4120-02	T1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-04	T2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-06	SF-6-A	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-08	SF-6-B	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-10	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-12	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-14	RB24085	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4121-01	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4121-02	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4123-01	910-B	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J21	09/19/2024	1311

Date/Time 09.19.24 16:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 09.19.24 18:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB163572

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 09/20/2024

Extraction Start Time : 11:45

Extraction End Date : 09/20/2024

Extraction End Time : 16:45

Concentration By: EH

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	PP23638
Surrogate	1.0ML	200 PPB	PP23641
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
Methylene Chloride	N/A	E3794
Baked Na2SO4	N/A	EP2540
Hexane	N/A	E3792
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/20/24	RP (Ext. Lab)	AJ / Pest / PCB Lab
16:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

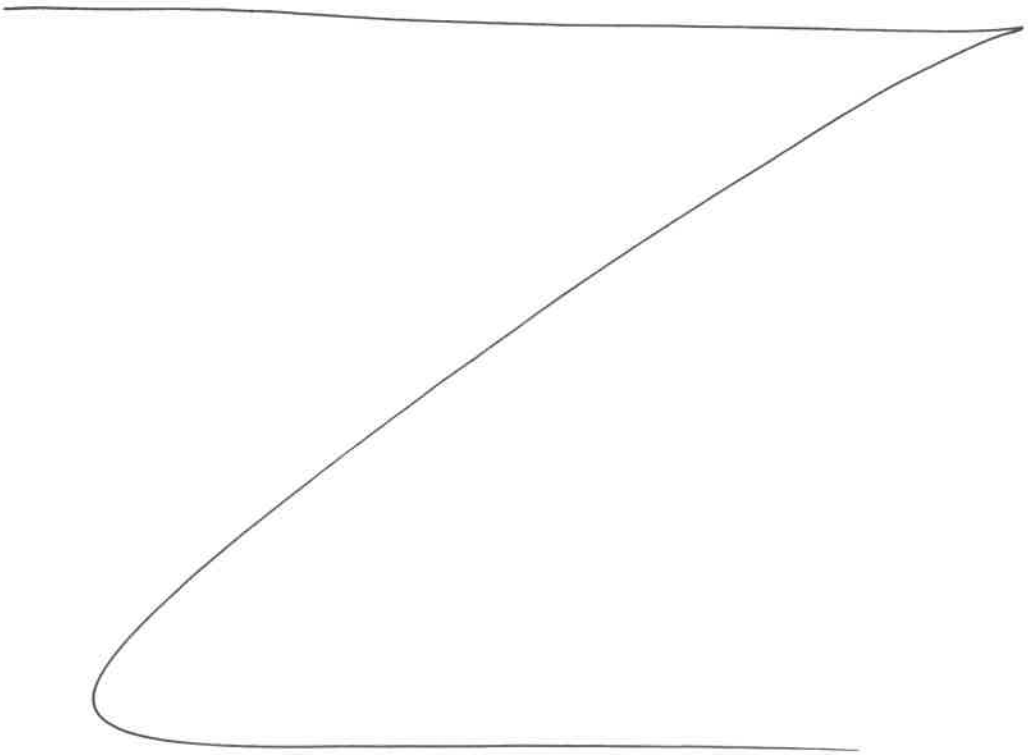
EXTRACTION LOGPAGE

PrepBatch ID : PB163572

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 09/20/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163511TB	PB163511TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-01
PB163572BL	PBLK572	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB163572BS	PLCS572	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
P4103-02	WC-22A	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
P4103-02MS	WC-22AMS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
P4103-02MSD	WC-22AMSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
P4103-05	WC-14-5-7.5A	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
P4103-08	WC-14-5-7.5B	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
P4103-11	WC-14-7.5-10A	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
P4103-14	WC-14-7.5-10B	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10
P4103-17	WC-23	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		11



9/20/24

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

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163511

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4099-01	GAS-TRANSMISSION-DEBRIS	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4103-02	WC-22A	02	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4103-05	WC-14-5-7.5A	03	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
P4103-08	WC-14-5-7.5B	04	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4103-11	WC-14-7.5-10A	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4103-14	WC-14-7.5-10B	06	100.04	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4103-17	WC-23	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4120-02	T1	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-04	T2	09	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-06	SF-6-A	10	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4120-08	SF-6-B	11	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-2
P4120-10	COMP-1	12	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
P4120-12	COMP-2	13	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
P4120-14	RB24085	14	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
P4121-01	COMP-1	15	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-2
P4121-02	COMP-2	16	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
P4123-01	910-B	17	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB163511TB	LEB511	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2

09/20/2024
11:00

SHIPPING DOCUMENTS

P4103

ENTACT

CHAIN OF CUSTODY RECORD

NO. 1 OF 5

COMPANY INFORMATION		PROJECT INFORMATION	
LOCATION	ENTACT LLC	PROJECT	North Point
ATTN	Wyatt Seel	BILLING INFORMATION	
ADDRESS	150 Bay Street, Suite 801	BILL TO	ENTACT LLC
	Jersey City, NJ	ADDRESS	999 Oakmont Plaza Drive Suite 300
			Westmont, IL 60559
PHONE	419-266-4671	PHONE	630-986-2900
FAX		FAX	PO# E9306

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TCL + 20 SVOCs (8270)	TAL Metals + Boron & Tin (6010/7471)	Full TCLP + TCLP Cu, Ni & Zn (1311/8270/8081/8151/6010/7471)	RCRA Characteristics-I/C/R (1030/9045D/Ch 7 rev3)	PCBs (8082); Hex Chromium (7196)	Ammonia-Nitrogen (ASTM/SM4500H); COD (ASTM/5220D); Oil & Grease (ASTM/1664);	Total Solids (ASTM/SM2540G); Total Volatile Solids (160.4)	TCL+10 VOCs (8260); TCLP VOCs (1311/8260); TPH DRO & GRO (8015)	Tox (9020 or 9023)	COMMENTS
WC-22A	Waste characterization	9/17	11:40	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5A	Waste characterization	9/17	11:50	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5B	Waste characterization	9/17	13:30	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10A	Waste characterization	9/17	12:35	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10B	Waste characterization	9/17	14:20	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-23	Waste characterization	9/17	14:45	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	See Full List Attached

SAMPLER	W. Seel	SHIPMENT	courier	AIRBILL	

REQUIRED TURNAROUND ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: _____

1. RELINQUISHED BY	DATE	2. RELINQUISHED BY	DATE	3. RELINQUISHED BY	DATE
SIGNATURE:	9-18-24	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Wyatt Seel	14:10	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	
1. RECEIVED BY	DATE	2. RECEIVED BY	DATE	3. RECEIVED BY	DATE
SIGNATURE:	9-18-24	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Bonova Peña	14:10	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	

Parameter	Test Method
TCL + 10 VOCs	8270D
TCL + 20 SVOCs	8260B
TAL Metals (+Boron, Tin)	6010/7471
Hexavalent Chromium (Cr+6)	7196
Total Cyanide	9014
TCLP VOCs	1311/8260B
TCLP SVOCs	1311/8270D
TCLP Metals (+ Beryllium, Copper, Nickel, Zinc)	1311/6010/7471
TCLP Pesticides/Herbicides	1311/8080/8151
RCRA Characteristics (Ignitability, Corrosivity, Reactive Sulfide/Cyanide)	SW 846 1030 SW 846/9045D SW 846 7.3.3.2 Rev. 3
PCBs	8082A
TPH/DRO & GRO	8015D
TOX	9020 or 9023
Paint Filter	9095

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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4103 ENTA05
Client Name : ENTACT
Client Contact : Chris Lawrence
Invoice Name : ENTACT
Invoice Contact : Chris Lawrence

Order Date : 9/18/2024 3:16:00 PM
North Point
Project Name : ~~CMC - CTV2 #E9322~~
Receive DateTime : 9/18/2024 2:10:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4103-01	WC-22A	Solid	09/17/2024	11:40					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-07	WC-14-5-7.5B	Solid	09/17/2024	13:30					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-10	WC-14-7.5-10A	Solid	09/17/2024	12:35					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-13	WC-14-7.5-10B	Solid	09/17/2024	14:20					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-16	WC-23	Solid	09/17/2024	14:45					
p4103-04	WC-14-5-7.5A	solid	09/17/2024	11:50am	VOC-TCLVOA-10		8260D		5 Bus. Days
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 9-18-24 16:25

Received By : JC
Date / Time : 9/18/24 1625

Storage Area : **VOA Refridgerator Room**