

Cover Page

Order ID : Q3181

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q3181-01
Q3181-02
Q3181-03
Q3181-04
Q3181-05
Q3181-06
Q3181-07
Q3181-08
Q3181-09
Q3181-10
Q3181-11
Q3181-12

Client Sample Number

WC-A3-01-G
WC-A3-01-C
WC-A3-01-C
WC-A3-01-C
WC-A3-02-G
WC-A3-02-C
WC-A3-02-C
WC-A3-02-C
WC-A3-03-G
WC-A3-03-C
WC-A3-03-C
WC-A3-03-C

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: 9/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3181

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 Custody

✓

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: PRADIP PRAJAPATI

Date: 09/30/2025

LAB CHRONICLE

OrderID:	Q3181	OrderDate:	9/24/2025 12:57:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	J33

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3181-02	WC-A3-01-C	SOIL			09/24/25			09/24/25
			PCB	8082A		09/26/25	09/29/25	
Q3181-03	WC-A3-01-C	TCLP			09/24/25			09/24/25
			TCLP Herbicide	8151A		09/26/25	09/29/25	
			TCLP Pesticide	8081B		09/26/25	09/29/25	
Q3181-06	WC-A3-02-C	SOIL			09/24/25			09/24/25
			PCB	8082A		09/26/25	09/29/25	
Q3181-07	WC-A3-02-C	TCLP			09/24/25			09/24/25
			TCLP Herbicide	8151A		09/26/25	09/29/25	
			TCLP Pesticide	8081B		09/26/25	09/29/25	
Q3181-10	WC-A3-03-C	SOIL			09/24/25			09/24/25
			PCB	8082A		09/26/25	09/29/25	
Q3181-11	WC-A3-03-C	TCLP			09/24/25			09/24/25
			TCLP Herbicide	8151A		09/26/25	09/29/25	
			TCLP Pesticide	8081B		09/26/25	09/29/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q3181

Order ID: Q3181

Client: ENTACT

Project ID: 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q3181**

Client: **ENTACT**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090327.D	PIBLK-PD090327.D	Decachlorobiphen	1	20	17.6	88		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.5	83		30 (61)	150 (148)
		Decachlorobiphen	2	20	17.2	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	16.9	85		30 (61)	150 (148)
I.BLK-PD090431.D	PIBLK-PD090431.D	Decachlorobiphen	1	20	19.8	99		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	19.1	96		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.7	99		30 (61)	150 (148)
PB169874BL	PB169874BL	Decachlorobiphen	1	20	20.5	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.8	99		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.0	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.9	99		30 (61)	150 (148)
PB169840TB	PB169840TB	Decachlorobiphen	1	20	14.8	74		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	14.8	74		30 (61)	150 (148)
		Decachlorobiphen	2	20	14.5	72		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	14.4	72		30 (61)	150 (148)
Q3181-03	WC-A3-01-C	Decachlorobiphen	1	20	16.1	81		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	15.2	76		30 (61)	150 (148)
		Decachlorobiphen	2	20	15.6	78		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	16.5	82		30 (61)	150 (148)
Q3181-03MS	WC-A3-01-CMS	Decachlorobiphen	1	20	15.2	76		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	15.2	76		30 (61)	150 (148)
		Decachlorobiphen	2	20	14.6	73		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	15.6	78		30 (61)	150 (148)
Q3181-03MSD	WC-A3-01-CMSD	Decachlorobiphen	1	20	15.0	75		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.1	81		30 (61)	150 (148)
		Decachlorobiphen	2	20	14.6	73		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	15.3	76		30 (61)	150 (148)
Q3181-07	WC-A3-02-C	Decachlorobiphen	1	20	15.3	77		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	15.1	76		30 (61)	150 (148)
		Decachlorobiphen	2	20	14.9	74		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	16.4	82		30 (61)	150 (148)
Q3181-11	WC-A3-03-C	Decachlorobiphen	1	20	17.6	88		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.3	81		30 (61)	150 (148)
		Decachlorobiphen	2	20	17.1	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	15.3	76		30 (61)	150 (148)
I.BLK-PD090444.D	PIBLK-PD090444.D	Decachlorobiphen	1	20	21.0	105		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.3	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.1	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.5	97		30 (61)	150 (148)
I.BLK-PD090447.D	PIBLK-PD090447.D	Decachlorobiphen	1	20	22.3	111		30 (57)	150 (171)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q3181

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090447.D	PIBLK-PD090447.D	Tetrachloro-m-xyl	1	20	19.9	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	21.7	109		30 (57)	150 (171)
PB169874BS	PB169874BS	Tetrachloro-m-xyl	2	20	20.6	103		30 (61)	150 (148)
		Decachlorobiphen	1	20	21.8	109		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.9	99		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.0	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.8	99		30 (61)	150 (148)
I.BLK-PD090462.D	PIBLK-PD090462.D	Decachlorobiphen	1	20	22.2	111		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.6	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.0	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.1	100		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3181</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ENTACT</u>	DataFile :	<u>PD090438.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
			Result	Result							High	RPD
Lab Sample ID:	Q3181-03MS	Client Sample ID:		WC-A3-01-CMS								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	3.70	ug/L	74				30 (60)	150 (152)	
	Heptachlor	5	0	3.70	ug/L	74				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	3.80	ug/L	76				30 (77)	150 (143)	
	Endrin	5	0	3.90	ug/L	78				30 (76)	150 (144)	
	Methoxychlor	5	0	3.90	ug/L	78				30 (70)	150 (142)	
Lab Sample ID:	Q3181-03MS	Client Sample ID:		WC-A3-01-CMS								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	3.60	ug/L	72				30 (60)	150 (152)	
	Heptachlor	5	0	3.60	ug/L	72				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	3.70	ug/L	74				30 (77)	150 (143)	
	Endrin	5	0	3.70	ug/L	74				30 (76)	150 (144)	
	Methoxychlor	5	0	3.80	ug/L	76				30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3181</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ENTACT</u>	DataFile :	<u>PD090439.D</u>

	Parameter	Sample					Rec	RPD		Limits	
		Spike	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3181-03MSD	Client Sample ID:		WC-A3-01-CMSD							
	(Column 1)										
	gamma-BHC (Lindane)	5	0	3.70	ug/L	74		0		30 (60)	150 (152) 20 (20)
	Heptachlor	5	0	3.70	ug/L	74		0		30 (56)	150 (147) 20 (20)
	Heptachlor epoxide	5	0	3.60	ug/L	72		5		30 (77)	150 (143) 20 (20)
	Endrin	5	0	3.90	ug/L	78		0		30 (76)	150 (144) 20 (20)
	Methoxychlor	5	0	3.80	ug/L	76		3		30 (70)	150 (142) 20 (20)
Lab Sample ID:	Q3181-03MSD	Client Sample ID:		WC-A3-01-CMSD							
	(Column 2)										
	gamma-BHC (Lindane)	5	0	3.50	ug/L	70		3		30 (60)	150 (152) 20 (20)
	Heptachlor	5	0	3.60	ug/L	72		0		30 (56)	150 (147) 20 (20)
	Heptachlor epoxide	5	0	4.00	ug/L	80		8		30 (77)	150 (143) 20 (20)
	Endrin	5	0	3.70	ug/L	74		0		30 (76)	150 (144) 20 (20)
	Methoxychlor	5	0	3.70	ug/L	74		3		30 (70)	150 (142) 20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3181</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ENTACT</u>	Datafile :	<u>PD090461.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169874BS (Column 1)	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				40 (82)	140 (129)	
	Heptachlor	0.5	0.52	ug/L	104				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.52	ug/L	104				40 (81)	140 (124)	
	Endrin	0.5	0.53	ug/L	106				40 (81)	140 (128)	
	Methoxychlor	0.5	0.53	ug/L	106				40 (78)	140 (108)	
PB169874BS (Column 2)	gamma-BHC (Lindane)	0.5	0.48	ug/L	97				40 (82)	140 (129)	
	Heptachlor	0.5	0.49	ug/L	98				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.49	ug/L	98				40 (81)	140 (124)	
	Endrin	0.5	0.50	ug/L	101				40 (81)	140 (128)	
	Methoxychlor	0.5	0.48	ug/L	96				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169874BL

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Lab Sample ID: PB169874BL

Lab File ID: PD090434.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/26/2025

Date Analyzed (1): 09/29/2025

Date Analyzed (2): 09/29/2025

Time Analyzed (1): 20:35

Time Analyzed (2): 20:35

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169840TB	PB169840TB	PD090436.D	09/29/2025	09/29/2025
WC-A3-01-C	Q3181-03	PD090437.D	09/29/2025	09/29/2025
WC-A3-01-CMS	Q3181-03MS	PD090438.D	09/29/2025	09/29/2025
WC-A3-01-CMSD	Q3181-03MSD	PD090439.D	09/29/2025	09/29/2025
WC-A3-02-C	Q3181-07	PD090440.D	09/29/2025	09/29/2025
WC-A3-03-C	Q3181-11	PD090441.D	09/29/2025	09/29/2025
PB169874BS	PB169874BS	PD090461.D	09/30/2025	09/30/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/26/25
Client Sample ID:	PB169840TB	SDG No.:	Q3181
Lab Sample ID:	PB169840TB	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090436.D	1	09/26/25 11:40	09/29/25 21:02	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.8		30 (57) - 150 (171)	74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.8		30 (61) - 150 (148)	74%	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_D\Data\PD092925\
Data File : PD090436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:02
Operator : AR\AJ
Sample : PB169840TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169840TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.876	48141465	396.2E6	14.811	14.433
28) SA Decachlor...	9.063	8.062	71508476	469.8E6	14.820	14.495

Target Compounds

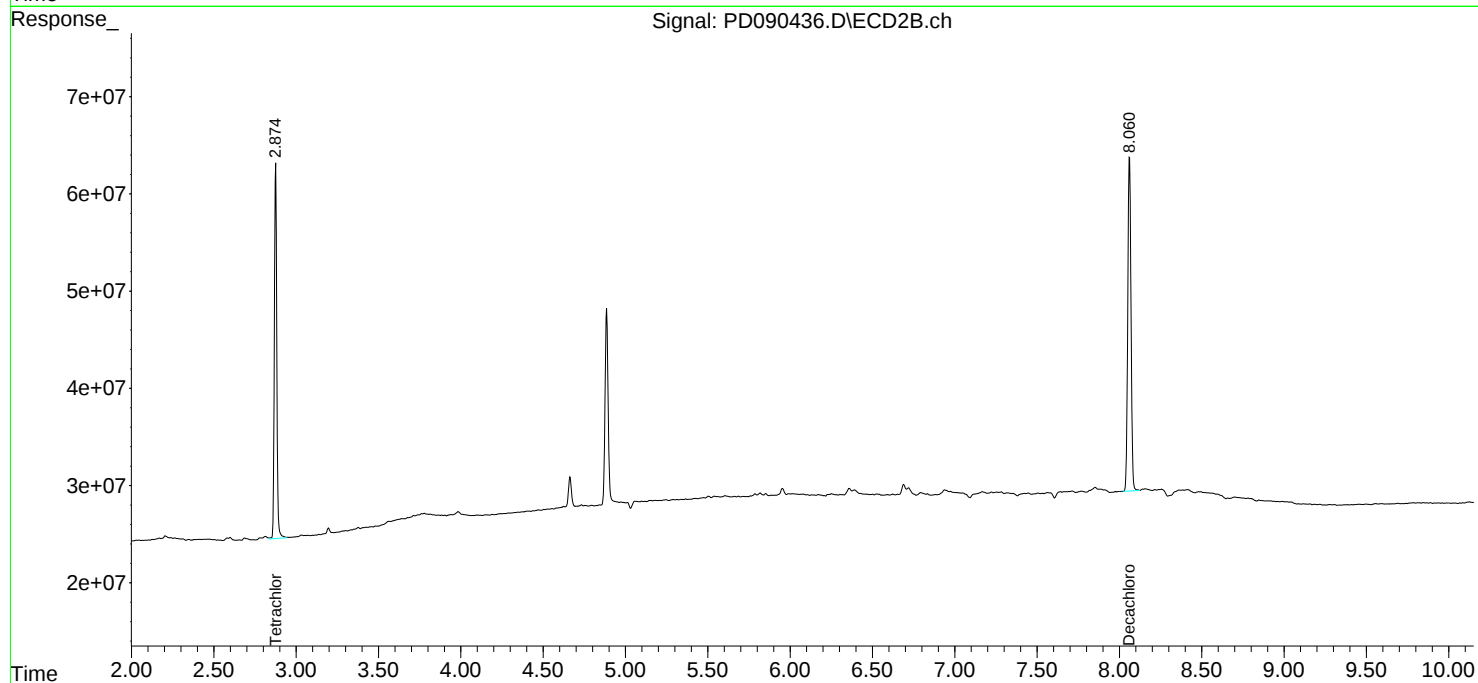
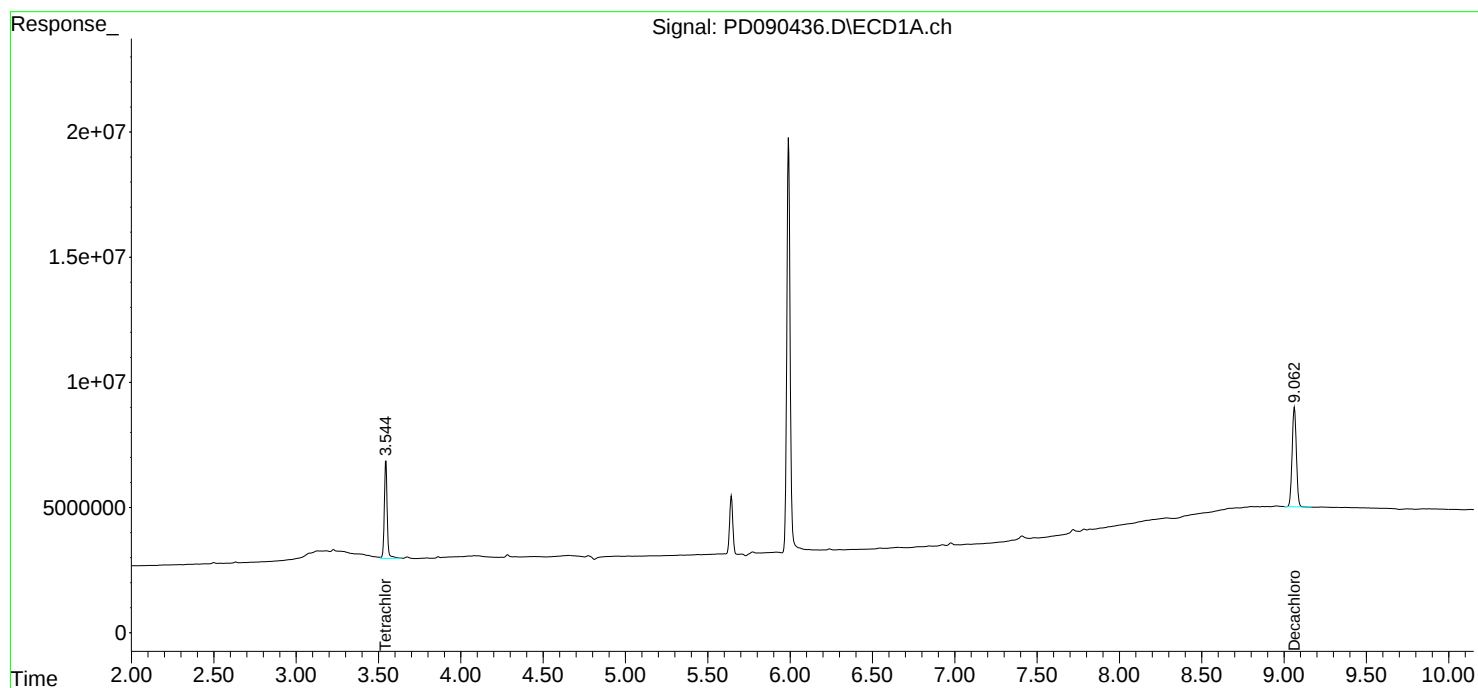
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

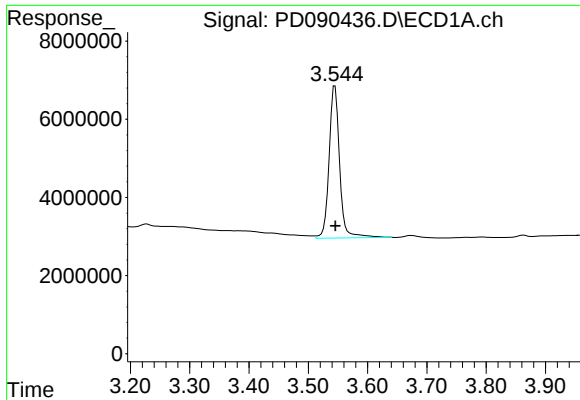
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:02
Operator : AR\AJ
Sample : PB169840TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169840TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

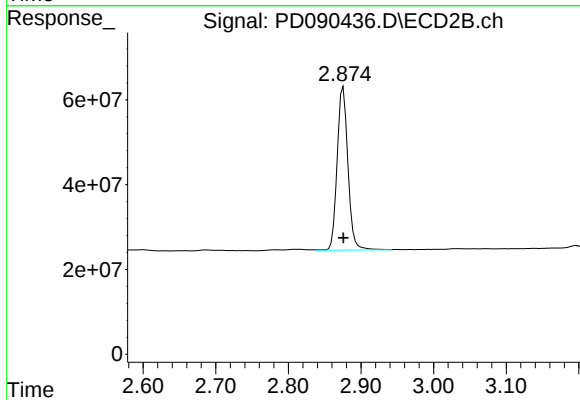




#1 Tetrachloro-m-xylene

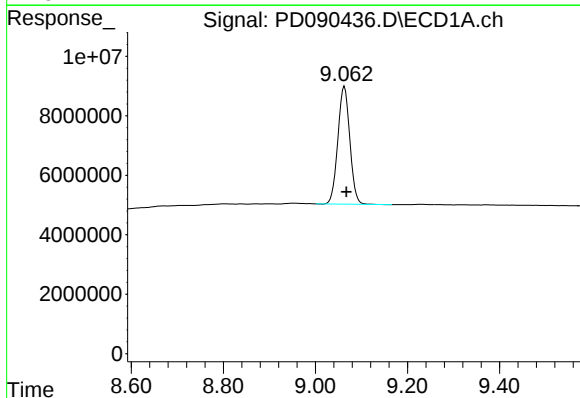
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 48141465
Conc: 14.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169840TB



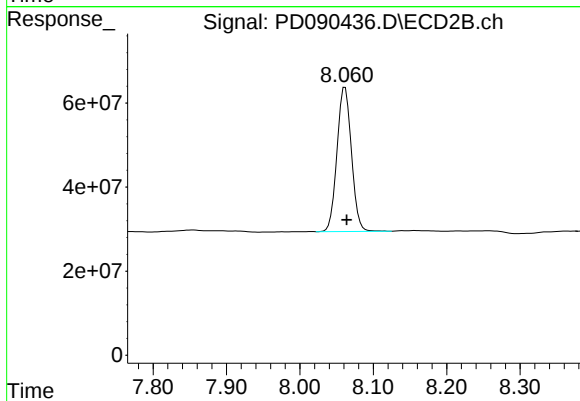
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 396195258
Conc: 14.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 71508476
Conc: 14.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 469838184
Conc: 14.49 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/24/25
Client Sample ID:	WC-A3-01-C	SDG No.:	Q3181
Lab Sample ID:	Q3181-03	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090437.D	1	09/26/25 11:40	09/29/25 21:16	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.1		30 (57) - 150 (171)	81%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		30 (61) - 150 (148)	82%	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_D\Data\PD092925\
 Data File : PD090437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:16
 Operator : AR\AJ
 Sample : Q3181-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-01-C

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:34:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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...	3.546	2.875	49436665	452.2E6	15.209	16.473m
28) SA Decachlor...	9.063	8.061	77866948	505.5E6	16.138	15.594

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:16
Operator : AR\AJ
Sample : Q3181-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

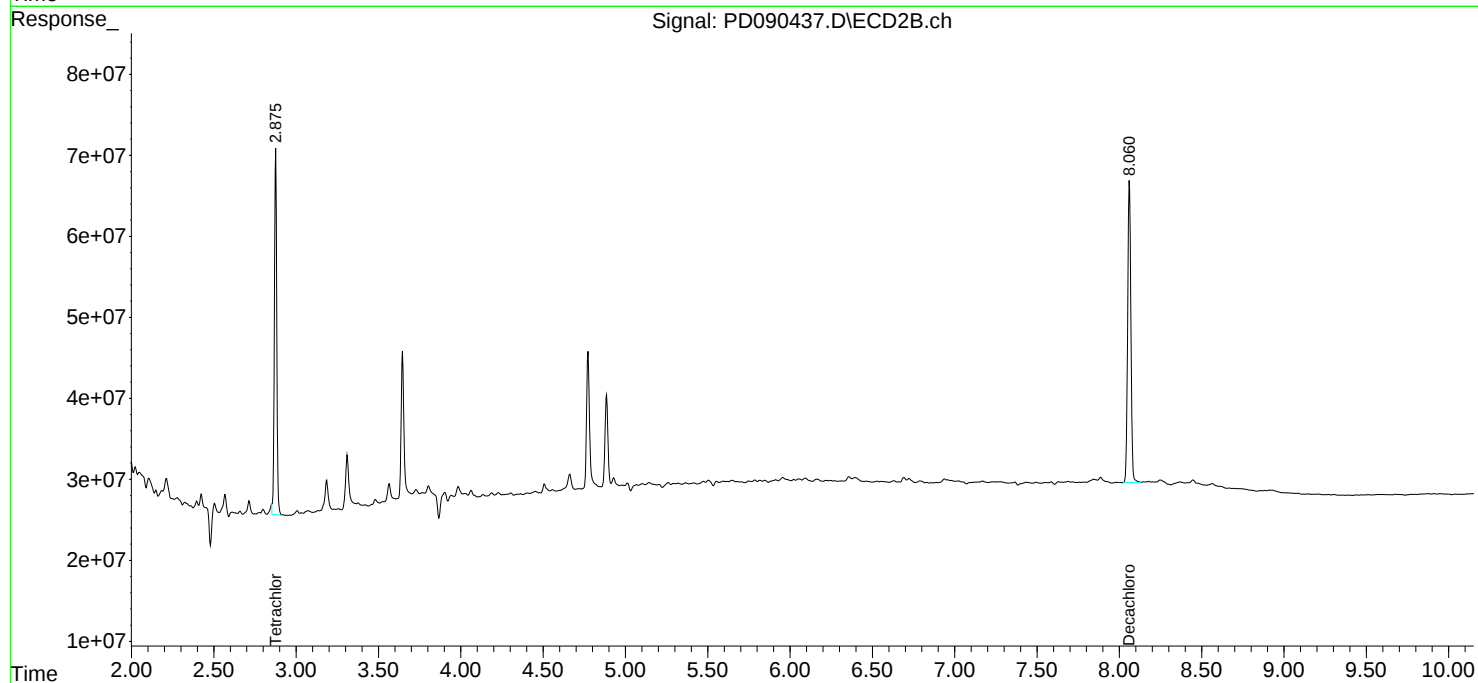
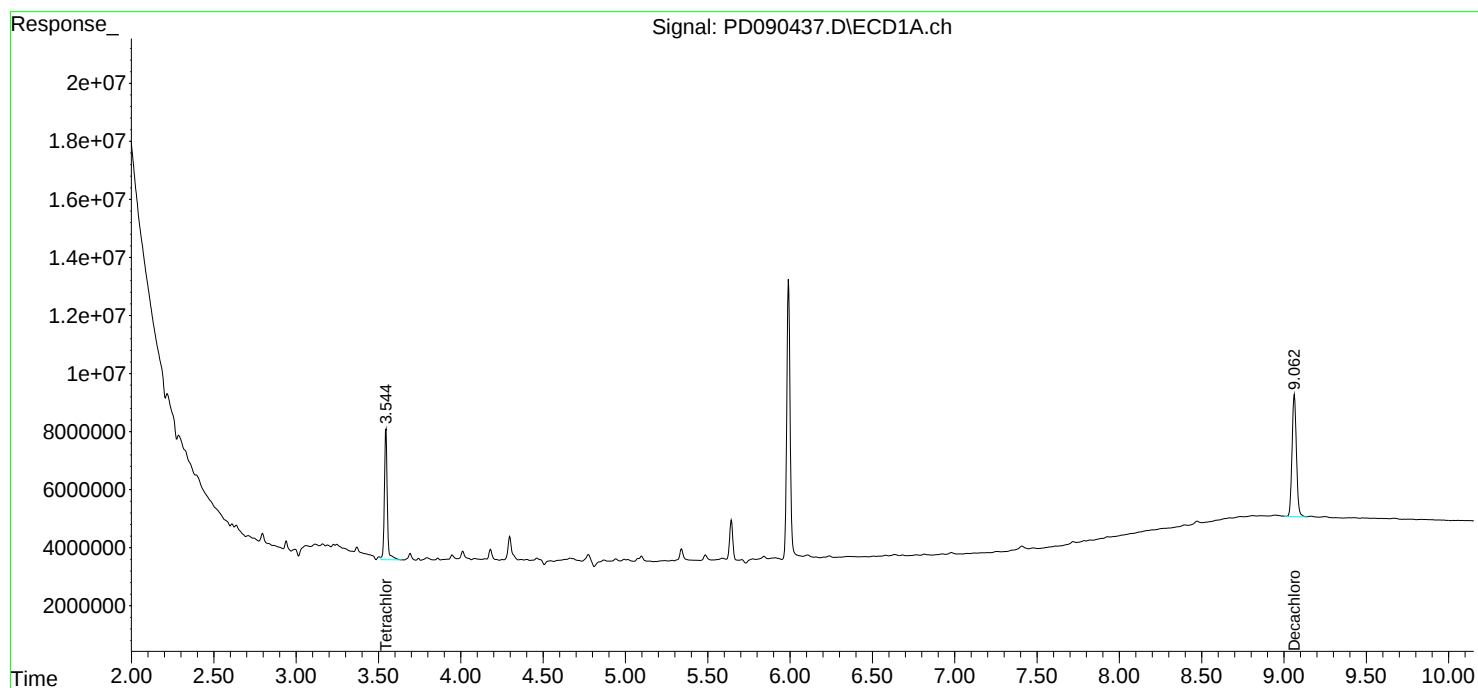
Instrument :
ECD_D
ClientSampleId :
WC-A3-01-C

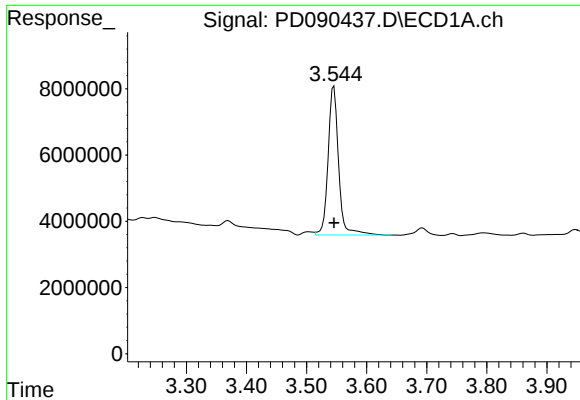
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





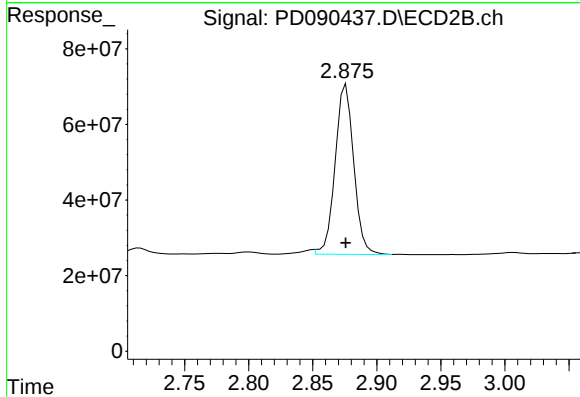
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 49436665
Conc: 15.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-01-C

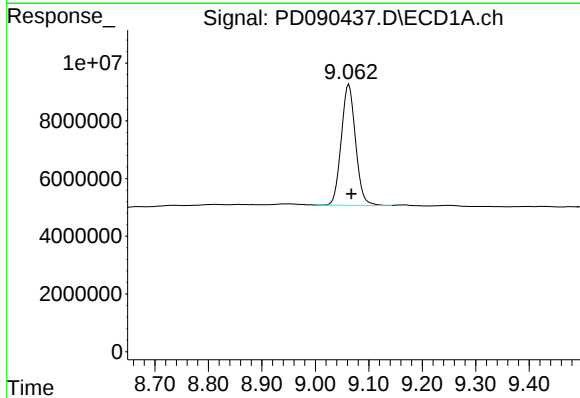
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



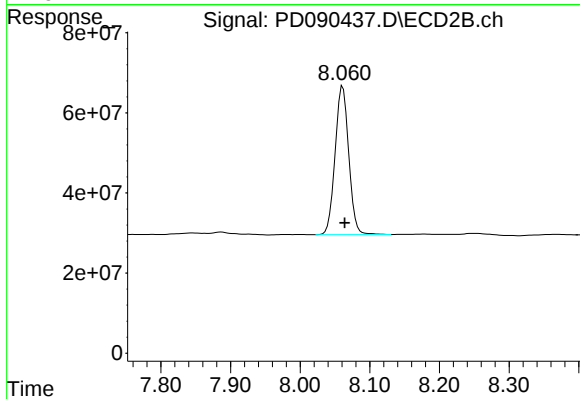
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 452176512
Conc: 16.47 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 77866948
Conc: 16.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 505459773
Conc: 15.59 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/24/25
Client Sample ID:	WC-A3-02-C	SDG No.:	Q3181
Lab Sample ID:	Q3181-07	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090440.D	1	09/26/25 11:40	09/29/25 21:57	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.3		30 (57) - 150 (171)	77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.4		30 (61) - 150 (148)	82%	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_D\Data\PD092925\
 Data File : PD090440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:57
 Operator : AR\AJ
 Sample : Q3181-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-02-C

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:35:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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...	3.545	2.874	49096139	449.4E6	15.104	16.370m
28) SA Decachlor...	9.064	8.061	74077798	482.6E6	15.353	14.888

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:57
Operator : AR\AJ
Sample : Q3181-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

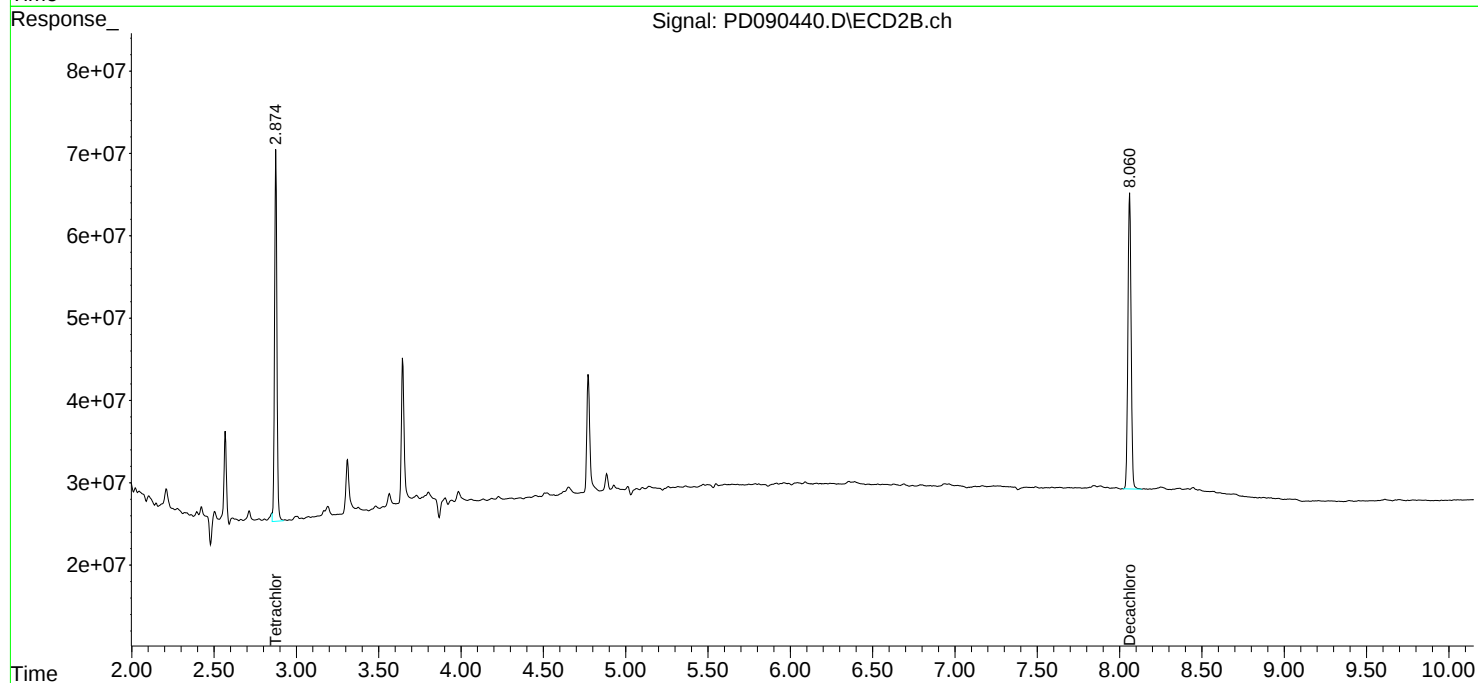
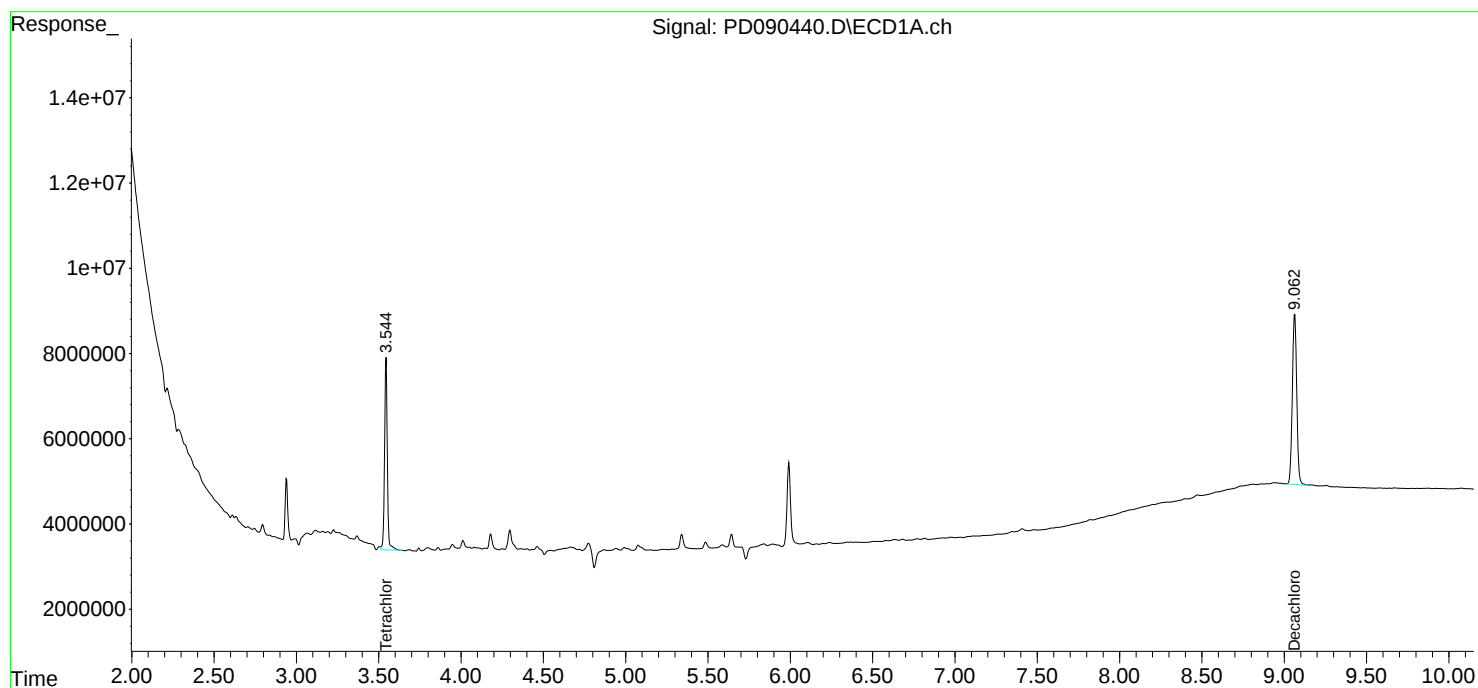
Instrument :
ECD_D
ClientSampleId :
WC-A3-02-C

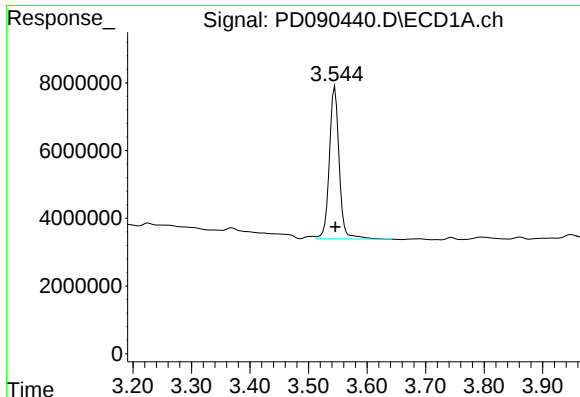
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





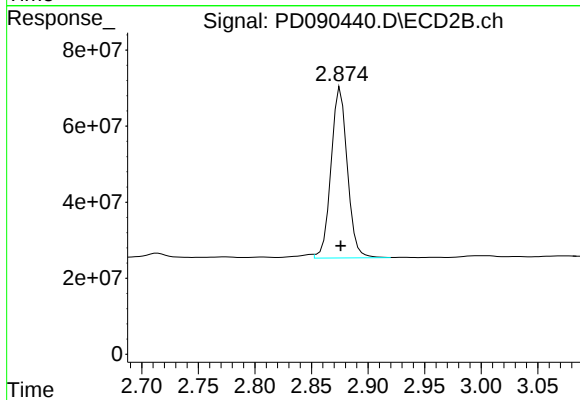
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 49096139
Conc: 15.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-02-C

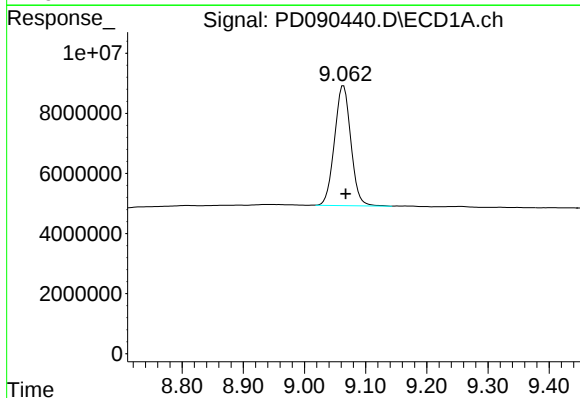
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



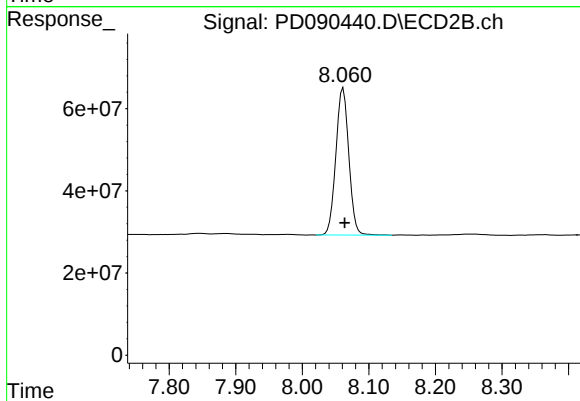
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 449363894
Conc: 16.37 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.004 min
Response: 74077798
Conc: 15.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 482598060
Conc: 14.89 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/24/25
Client Sample ID:	WC-A3-03-C	SDG No.:	Q3181
Lab Sample ID:	Q3181-11	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090441.D	1	09/26/25 11:40	09/29/25 22:11	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		30 (57) - 150 (171)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.3		30 (61) - 150 (148)	81%	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_D\Data\PD092925\
 Data File : PD090441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 22:11
 Operator : AR\AJ
 Sample : Q3181-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-03-C

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:35:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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...	3.545	2.874	52987770	419.5E6	16.302	15.283m
28) SA Decachlor...	9.063	8.061	85118598	554.8E6	17.641	17.116

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 22:11
Operator : AR\AJ
Sample : Q3181-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

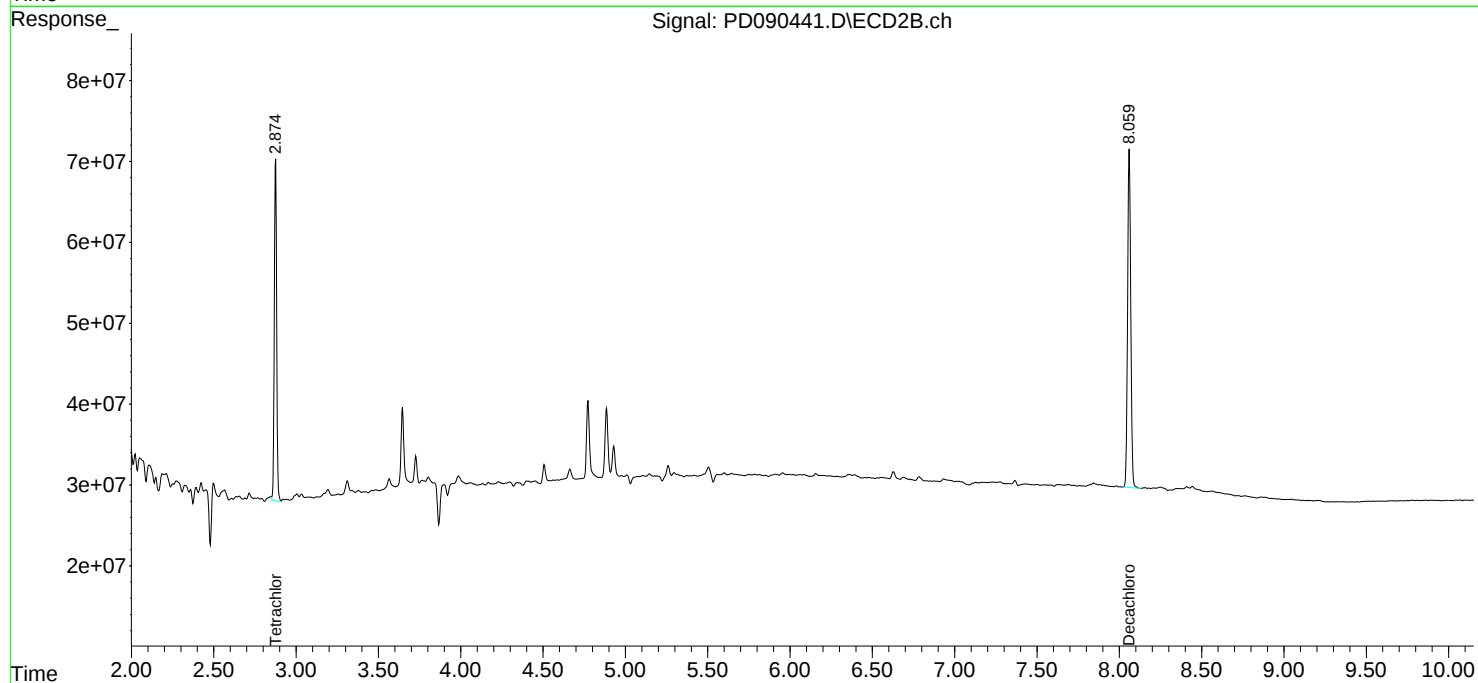
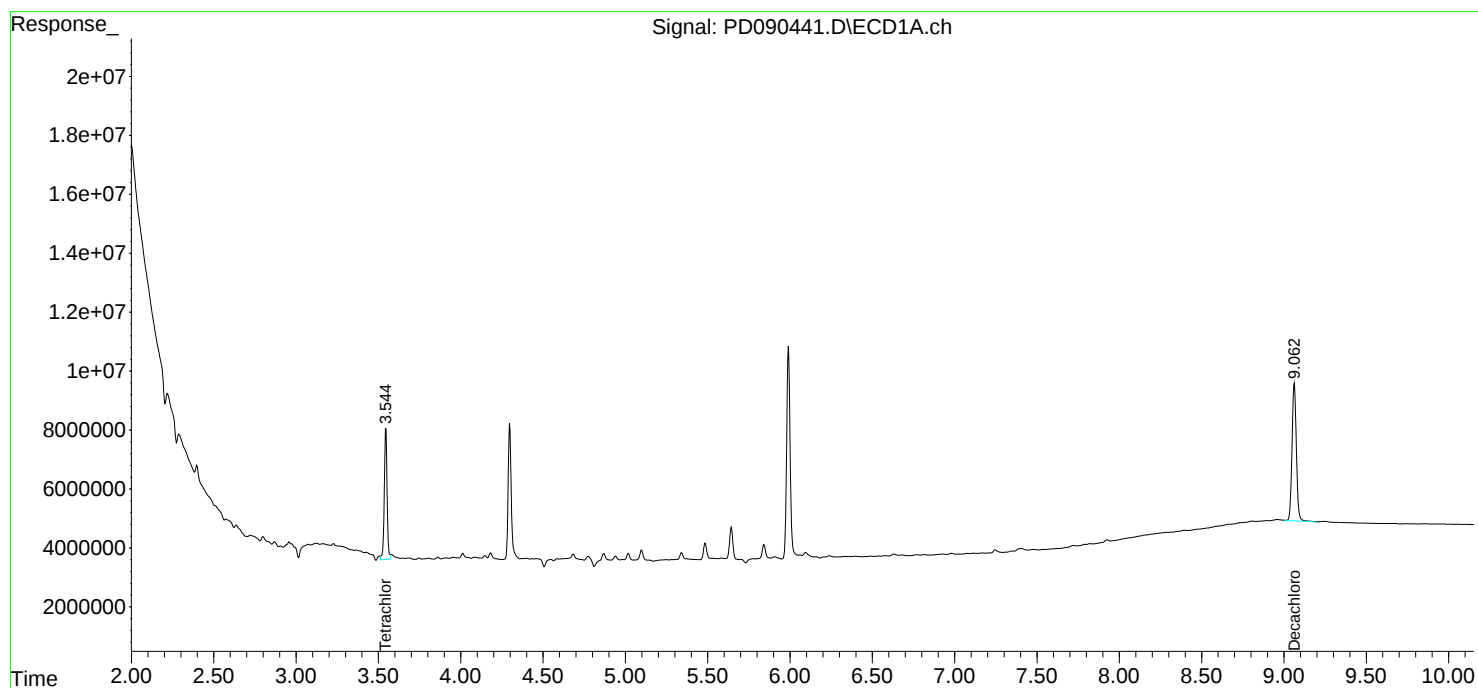
Instrument :
ECD_D
ClientSampleId :
WC-A3-03-C

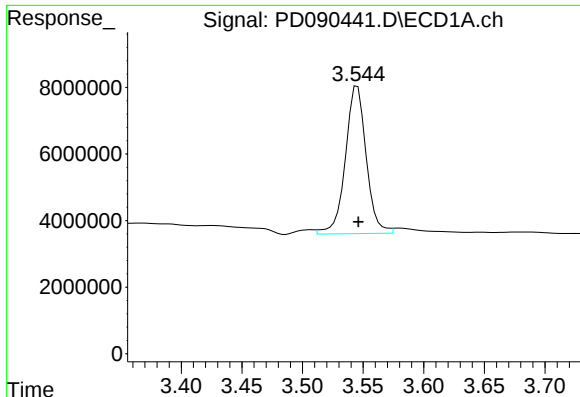
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/30/2025
Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





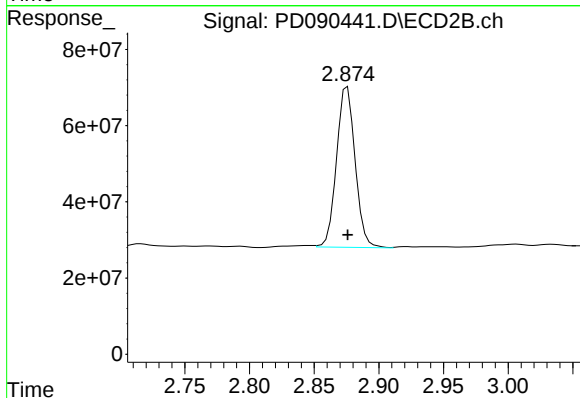
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 52987770
Conc: 16.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A3-03-C

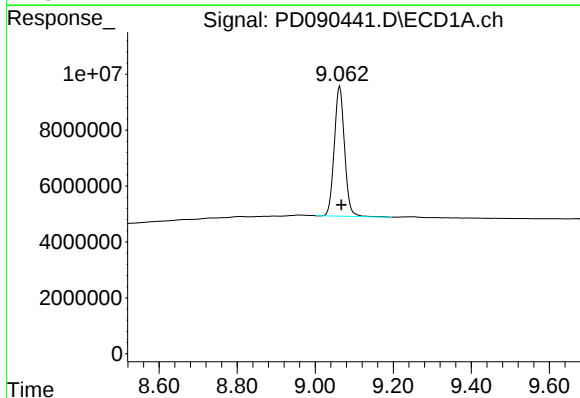
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



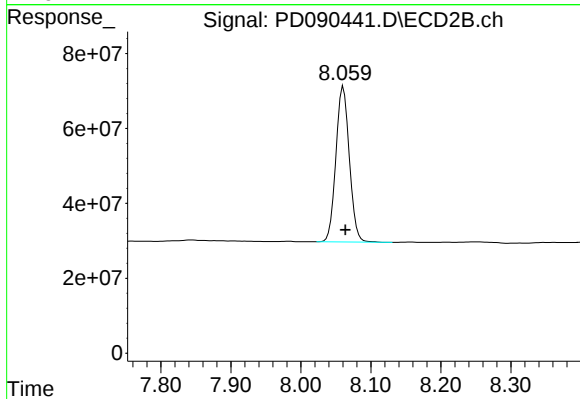
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 419531131
Conc: 15.28 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 85118598
Conc: 17.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 554804480
Conc: 17.12 ng/ml



CALIBRATION SUMMARY

Calibration Times: **10:30** **11:24**

LAB FILE ID:	RT 100 =	<u>PD090330.D</u>	RT 075 =	<u>PD090331.D</u>
	RT 050 =	PD090332.D	RT 025 =	PD090333.D
			RT 005 =	PD090334.D

[illegible]

Calibration Times: **10:30** **11:24**

LAB FILE ID:	RT 100 =	<u>PD090330.D</u>	RT 075 =	<u>PD090331.D</u>
	RT 050 =	PD090332.D	RT 025 =	PD090333.D
			RT 005 =	PD090334.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Instrument ID: ECD_D

Calibration Date(s): 09/18/2025 09/18/2025

Calibration Times: 10:30 11:24

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090330.D</u>	CF 075 =	<u>PD090331.D</u>		
CF 050 =		<u>PD090332.D</u>	CF 025 =	<u>PD090333.D</u>	CF 005 =	<u>PD090334.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4402260000	4491650000	4568910000	4877590000	5784880000	4825060000	12
Endrin	4996080000	4929650000	4790800000	4732630000	5020530000	4893940000	3
gamma-BHC (Lindane)	6999120000	6835130000	6524340000	6332700000	6393110000	6616880000	4
Heptachlor	6772400000	6712800000	6486200000	6442050000	6649430000	6612570000	2
Heptachlor epoxide	5686760000	5637150000	5520680000	5549540000	6180470000	5714920000	5
Methoxychlor	2238390000	2263790000	2253430000	2355450000	2671490000	2356510000	8
Tetrachloro-m-xylene	3132360000	3130620000	3109950000	3314170000	3565160000	3250450000	6



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Instrument ID: ECD_D

Calibration Date(s): 09/18/2025 09/18/2025

Calibration Times: 10:30 11:24

GC Column: ZB-MR2

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090330.D</u>	CF 075 =	<u>PD090331.D</u>		
CF 050 =		<u>PD090332.D</u>	CF 025 =	<u>PD090333.D</u>	CF 005 =	<u>PD090334.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	30416300000	30281700000	30308400000	32239300000	38828000000	32414700000	11
Endrin	32764600000	33397800000	34021300000	37450400000	41526700000	35832100000	10
gamma-BHC (Lindane)	39011200000	39020700000	38893100000	40648000000	46104500000	40735500000	8
Heptachlor	38021400000	38528800000	38887000000	41156300000	46990300000	40716800000	9
Heptachlor epoxide	33658400000	34135100000	34882100000	37203700000	44446000000	36865100000	12
Methoxychlor	15805600000	16152500000	16575000000	17899900000	20568800000	17400400000	11
Tetrachloro-m-xylene	25734100000	25856000000	26010100000	27671900000	31977700000	27449900000	10



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENTA05

Lab Code: ACE SDG NO.: Q3181

Instrument ID: ECD_D Date(s) Analyzed: 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.71	4.61	4.81	204668000
		2	5.24	5.14	5.34	205308000
		3	5.94	5.84	6.04	824953000
		4	6.03	5.93	6.13	997407000
		5	6.87	6.77	6.97	174700000
Toxaphene	500	1	6.24	6.14	6.34	44388200
		2	6.44	6.34	6.54	60483400
		3	7.14	7.04	7.24	113658000
		4	7.56	7.46	7.66	146448000
		5	7.93	7.83	8.03	83400400



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENTA05
Lab Code: ACE **SDG NO.:** Q3181
Instrument ID: ECD_D **Date(s) Analyzed:** 09/18/2025 09/18/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.90	3.80	4.00	1171880000
		2	4.48	4.38	4.58	1211170000
		3	5.12	5.02	5.22	3662550000
		4	5.18	5.08	5.28	3137810000
		5	6.08	5.98	6.18	1492570000
Toxaphene	500	1	5.47	5.37	5.57	277984000
		2	5.64	5.54	5.74	187173000
		3	6.75	6.65	6.85	940593000
		4	7.19	7.09	7.29	622769000
		5	7.32	7.22	7.42	479062000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 10:30
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	313.2E6	2573.4E6	100.721	98.939
28)	SA Decachlor...	9.066	8.063	440.2E6	3041.6E6	96.353	100.356
Target Compounds							
2)	A alpha-BHC	3.995	3.388	753.2E6	4198.4E6	108.692	100.255
3)	MA gamma-BHC...	4.326	3.725	699.9E6	3901.1E6	107.277	100.303
4)	MA Heptachlor	4.925	4.077	677.2E6	3802.1E6	104.413	97.774
5)	MB Aldrin	5.266	4.363	653.8E6	3775.6E6	104.885	98.650
6)	B beta-BHC	4.513	4.020	248.2E6	1610.4E6	100.737	97.893
7)	B delta-BHC	4.761	4.257	690.1E6	3947.8E6	107.205	99.629
8)	B Heptachlo...	5.686	4.866	568.7E6	3365.8E6	103.008	96.492
9)	A Endosulfan I	6.070	5.241	535.6E6	3192.6E6	102.075	96.507
10)	B gamma-Chl...	5.941	5.119	581.4E6	3713.6E6	104.097	98.943
11)	B alpha-Chl...	6.022	5.184	577.5E6	3549.7E6	103.048	98.646
12)	B 4,4'-DDE	6.192	5.368	537.4E6	3612.4E6	104.785	98.468
13)	MA Dieldrin	6.342	5.506	587.8E6	3629.1E6	103.885	97.142
14)	MA Endrin	6.570	5.783	499.6E6	3276.5E6	104.285	96.306
15)	B Endosulfa...	6.782	6.074	486.4E6	3116.2E6	102.013	96.527
16)	A 4,4'-DDD	6.701	5.923	420.7E6	3030.5E6	104.811	97.729
17)	MA 4,4'-DDT	7.017	6.177	457.4E6	3310.0E6	104.609	99.546
18)	B Endrin al...	6.911	6.252	327.8E6	2165.3E6	99.079	95.545
19)	B Endosulfa...	7.145	6.476	448.8E6	3012.5E6	100.833	96.776
20)	A Methoxychlor	7.489	6.747	223.8E6	1580.6E6	99.333	95.358
21)	B Endrin ke...	7.626	6.985	489.1E6	3302.6E6	102.013	96.127
22)	Mirex	8.109	7.178	339.1E6	2515.9E6	97.222	97.045

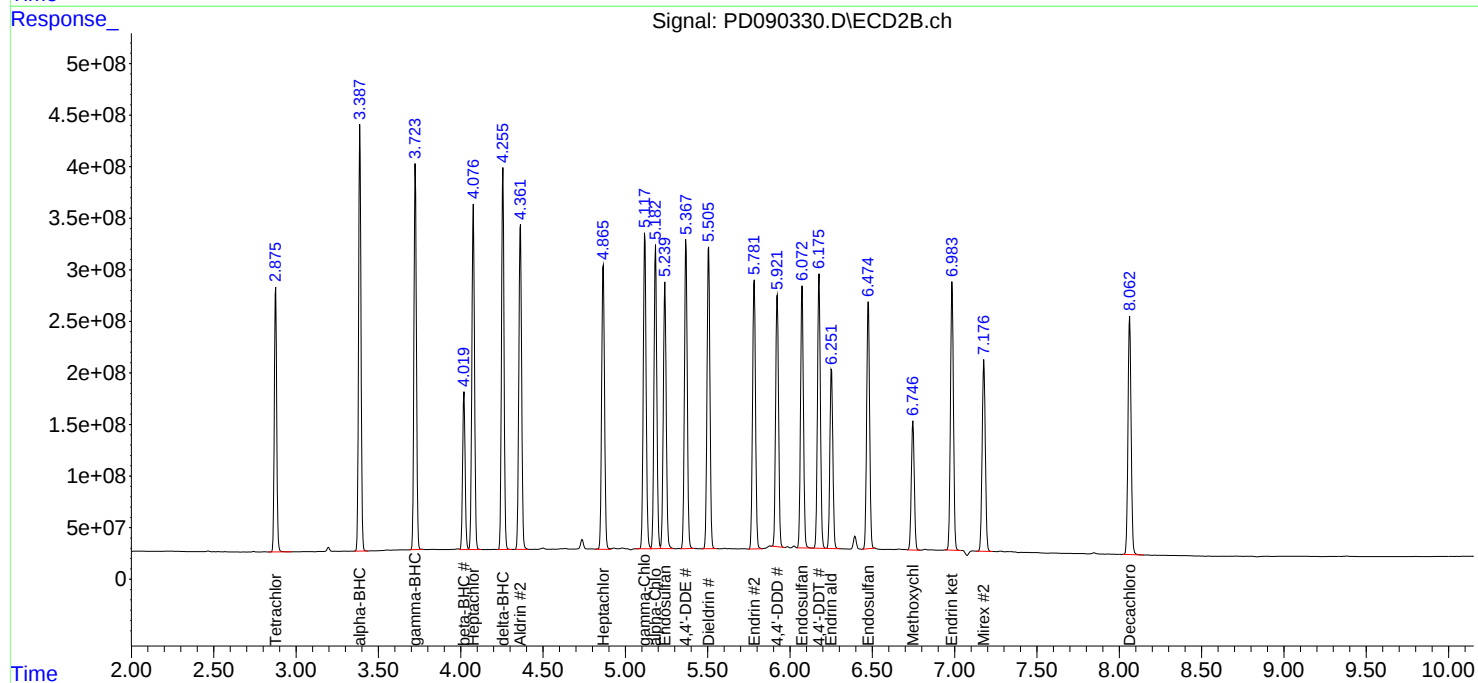
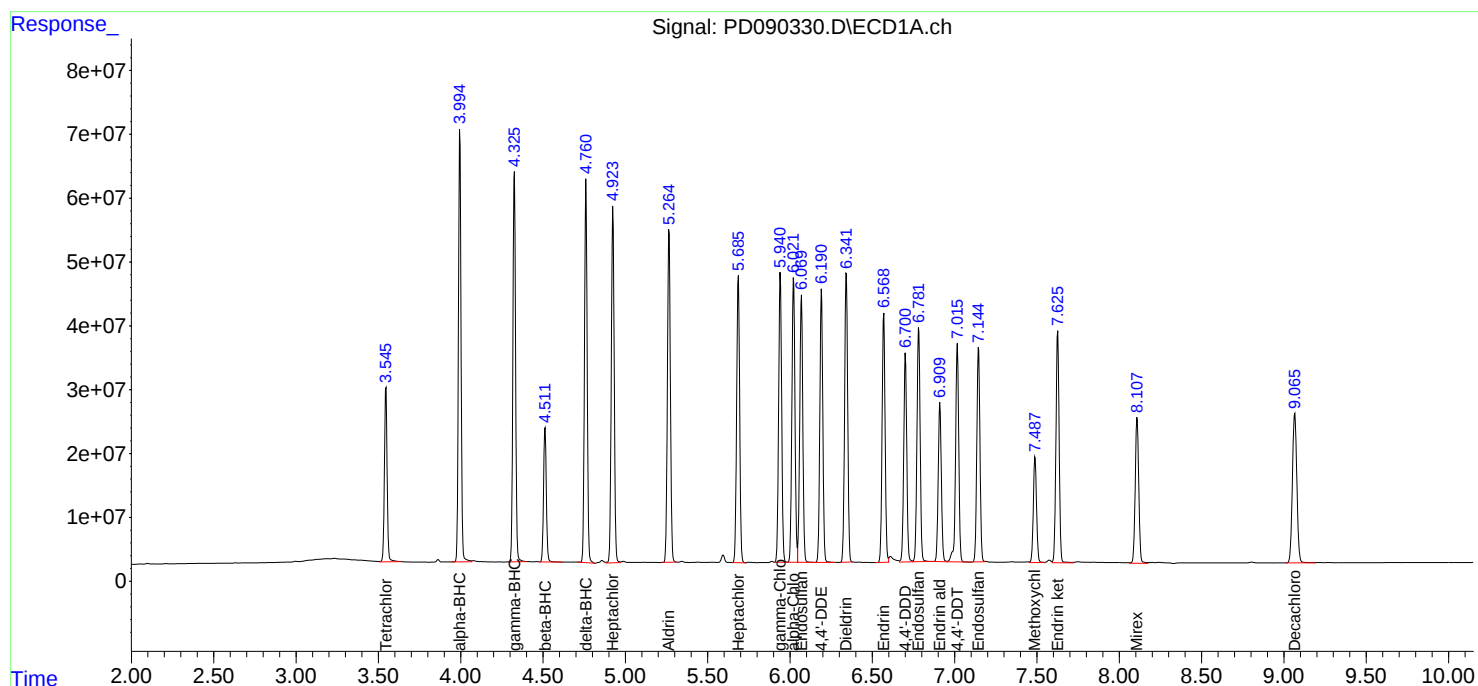
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:30
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 10:43
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	234.8E6	1939.2E6	75.498	74.556
2)	SA Decachlor...	9.067	8.063	336.9E6	2271.1E6	73.732	74.934
Target Compounds							
2)	A alpha-BHC	3.996	3.387	548.9E6	3157.8E6	79.212	75.406
3)	MA gamma-BHC...	4.326	3.724	512.6E6	2926.6E6	78.573	75.246
4)	MA Heptachlor	4.925	4.076	503.5E6	2889.7E6	77.620	74.309
5)	MB Aldrin	5.266	4.362	483.4E6	2851.1E6	77.547	74.494
6)	B beta-BHC	4.513	4.020	186.2E6	1219.9E6	75.559	74.151
7)	B delta-BHC	4.761	4.256	505.8E6	2968.1E6	78.572	74.906
8)	B Heptachlo...	5.686	4.866	422.8E6	2560.1E6	76.582	73.394
9)	A Endosulfan I	6.070	5.240	399.8E6	2430.6E6	76.189	73.473
10)	B gamma-Chl...	5.941	5.119	431.4E6	2800.3E6	77.251	74.610
11)	B alpha-Chl...	6.023	5.183	429.3E6	2674.9E6	76.606	74.337
12)	B 4,4'-DDE	6.191	5.368	396.6E6	2720.4E6	77.320	74.153
13)	MA Dieldrin	6.343	5.505	436.0E6	2754.3E6	77.057	73.724
14)	MA Endrin	6.570	5.782	369.7E6	2504.8E6	77.174	73.626
15)	B Endosulfa...	6.782	6.073	360.7E6	2368.6E6	75.662	73.368
16)	A 4,4'-DDD	6.701	5.922	309.8E6	2301.9E6	77.178	74.234
17)	MA 4,4'-DDT	7.017	6.176	339.3E6	2482.7E6	77.587	74.665
18)	B Endrin al...	6.911	6.252	249.1E6	1656.9E6	75.274	73.112
19)	B Endosulfa...	7.146	6.475	337.9E6	2291.5E6	75.907	73.614
20)	A Methoxychlor	7.490	6.746	169.8E6	1211.4E6	75.345	73.089
21)	B Endrin ke...	7.626	6.984	367.3E6	2512.0E6	76.614	73.116
22)	Mirex	8.109	7.177	259.4E6	1905.4E6	74.356	73.496

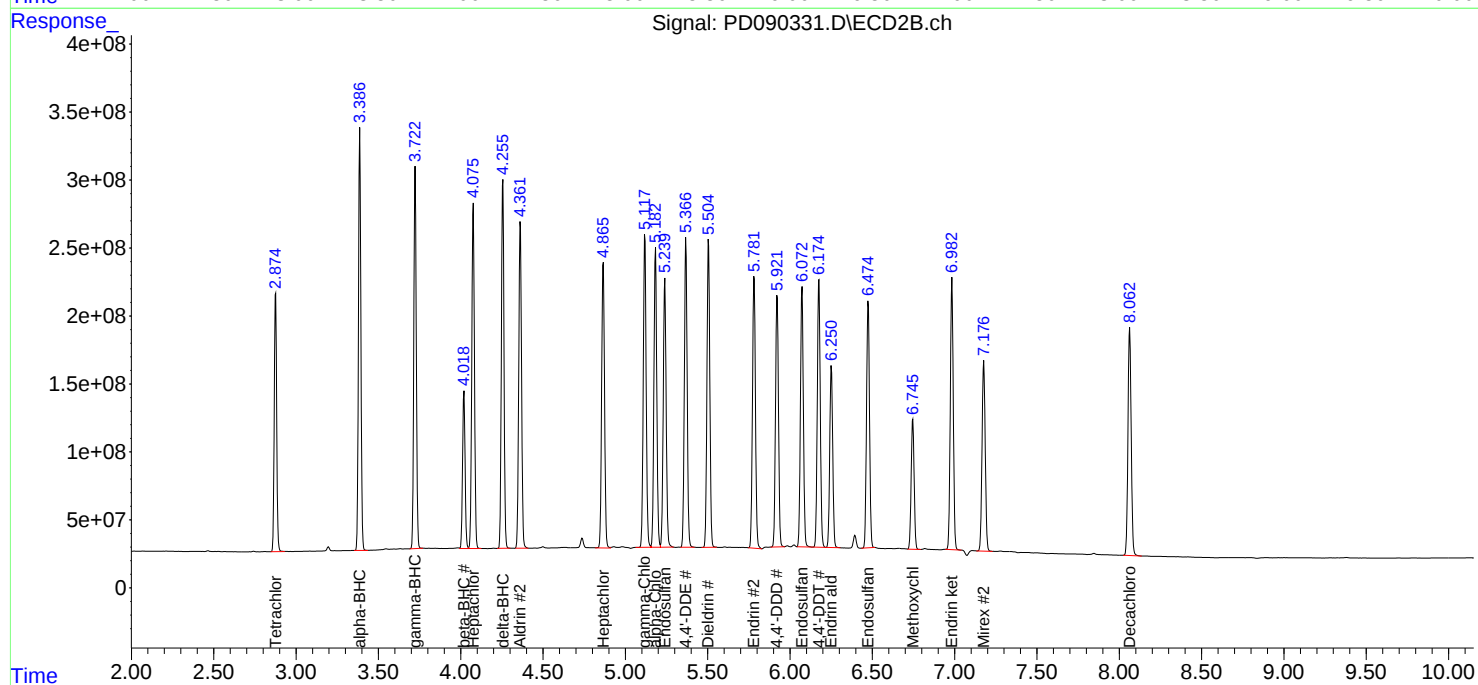
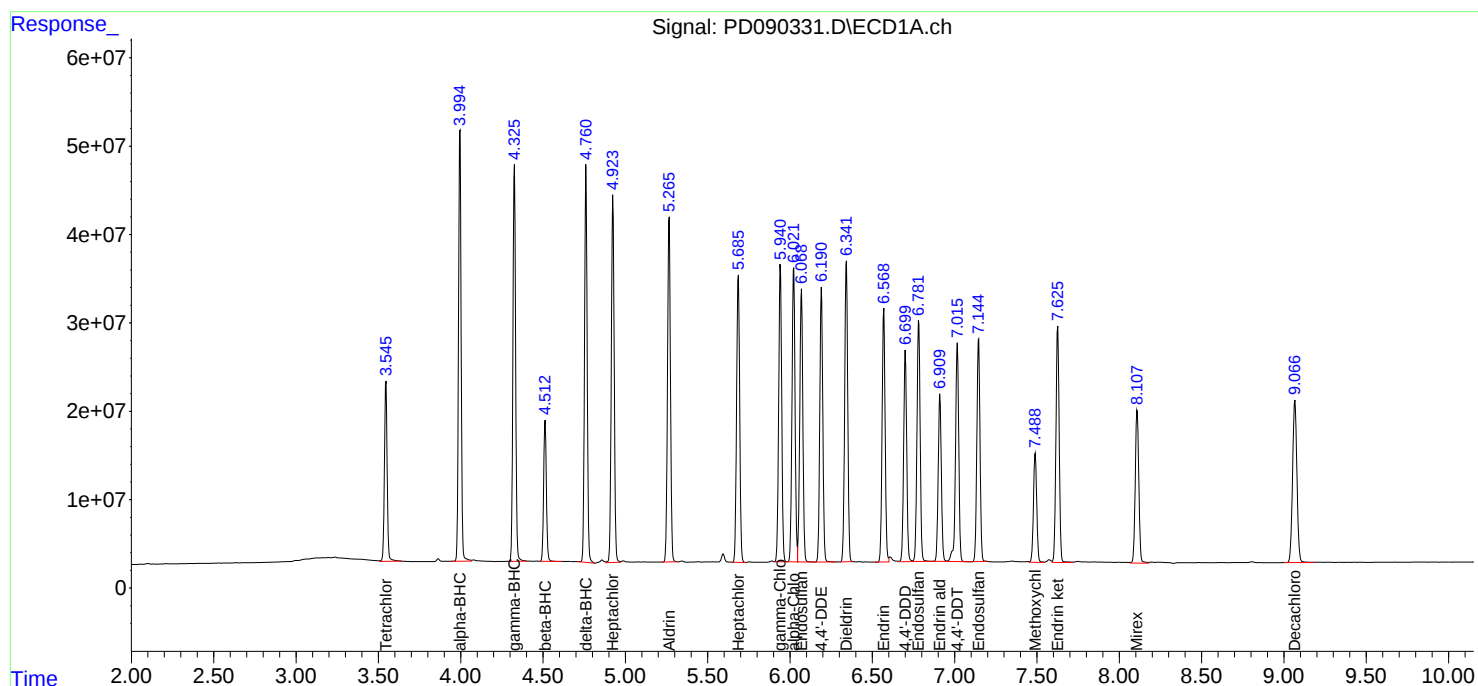
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:43
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 10:57
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	155.5E6	1300.5E6	50.000	50.000
28)	SA Decachlor...	9.068	8.064	228.4E6	1515.4E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.995	3.388	346.5E6	2093.9E6	50.000	50.000
3)	MA gamma-BHC...	4.326	3.724	326.2E6	1944.7E6	50.000	50.000
4)	MA Heptachlor	4.925	4.076	324.3E6	1944.4E6	50.000	50.000
5)	MB Aldrin	5.266	4.362	311.7E6	1913.6E6	50.000	50.000
6)	B beta-BHC	4.513	4.020	123.2E6	822.5E6	50.000	50.000
7)	B delta-BHC	4.761	4.256	321.8E6	1981.3E6	50.000	50.000
8)	B Heptachlo...	5.686	4.866	276.0E6	1744.1E6	50.000	50.000
9)	A Endosulfan I	6.070	5.240	262.3E6	1654.1E6	50.000	50.000
10)	B gamma-Chl...	5.942	5.118	279.2E6	1876.6E6	50.000	50.000
11)	B alpha-Chl...	6.022	5.183	280.2E6	1799.2E6	50.000	50.000
12)	B 4,4'-DDE	6.192	5.368	256.4E6	1834.3E6	50.000	50.000
13)	MA Dieldrin	6.343	5.506	282.9E6	1867.9E6	50.000	50.000
14)	MA Endrin	6.569	5.782	239.5E6	1701.1E6	50.000	50.000
15)	B Endosulfa...	6.782	6.073	238.4E6	1614.2E6	50.000	50.000
16)	A 4,4'-DDD	6.701	5.922	200.7E6	1550.5E6	50.000	50.000
17)	MA 4,4'-DDT	7.017	6.176	218.6E6	1662.5E6	50.000	50.000
18)	B Endrin al...	6.911	6.252	165.4E6	1133.2E6	50.000	50.000
19)	B Endosulfa...	7.146	6.475	222.6E6	1556.4E6	50.000	50.000
20)	A Methoxychlor	7.490	6.746	112.7E6	828.7E6	50.000	50.000
21)	B Endrin ke...	7.627	6.984	239.7E6	1717.8E6	50.000	50.000
22)	Mirex	8.109	7.177	174.4E6	1296.3E6	50.000	50.000

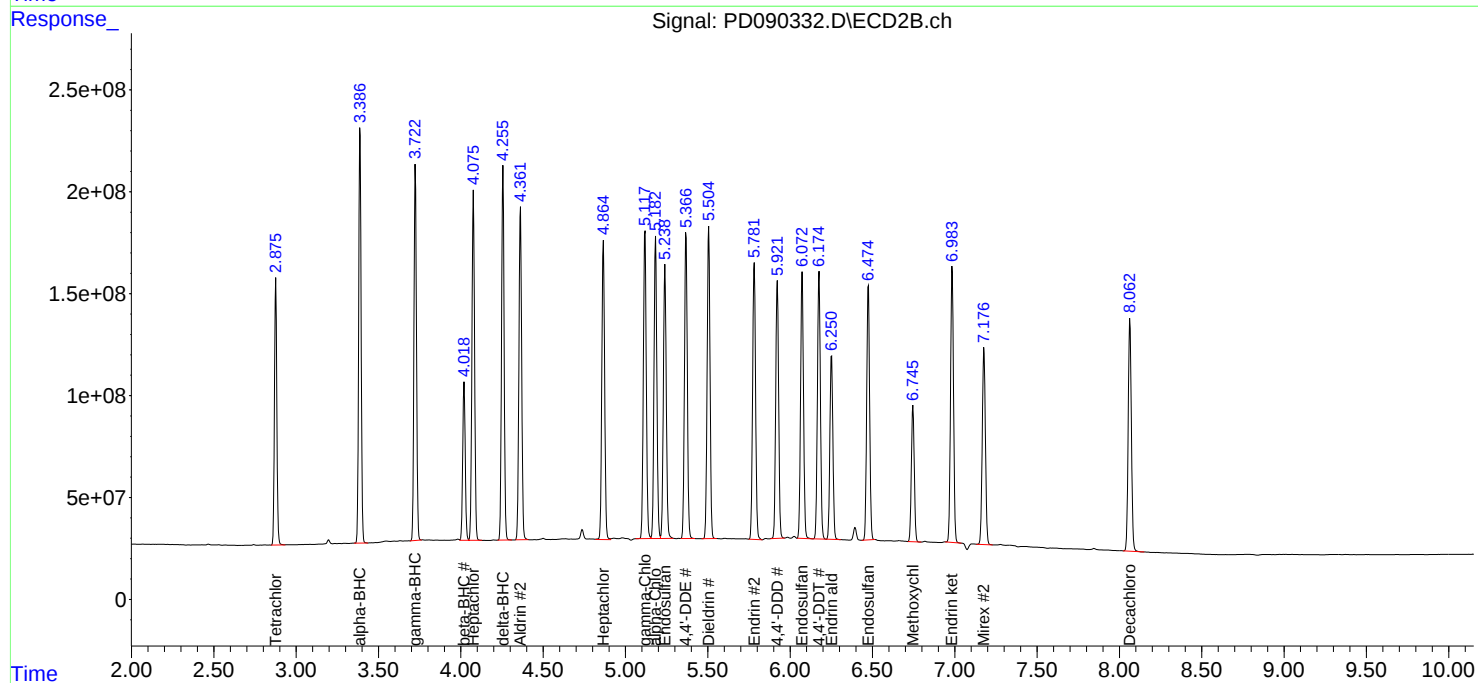
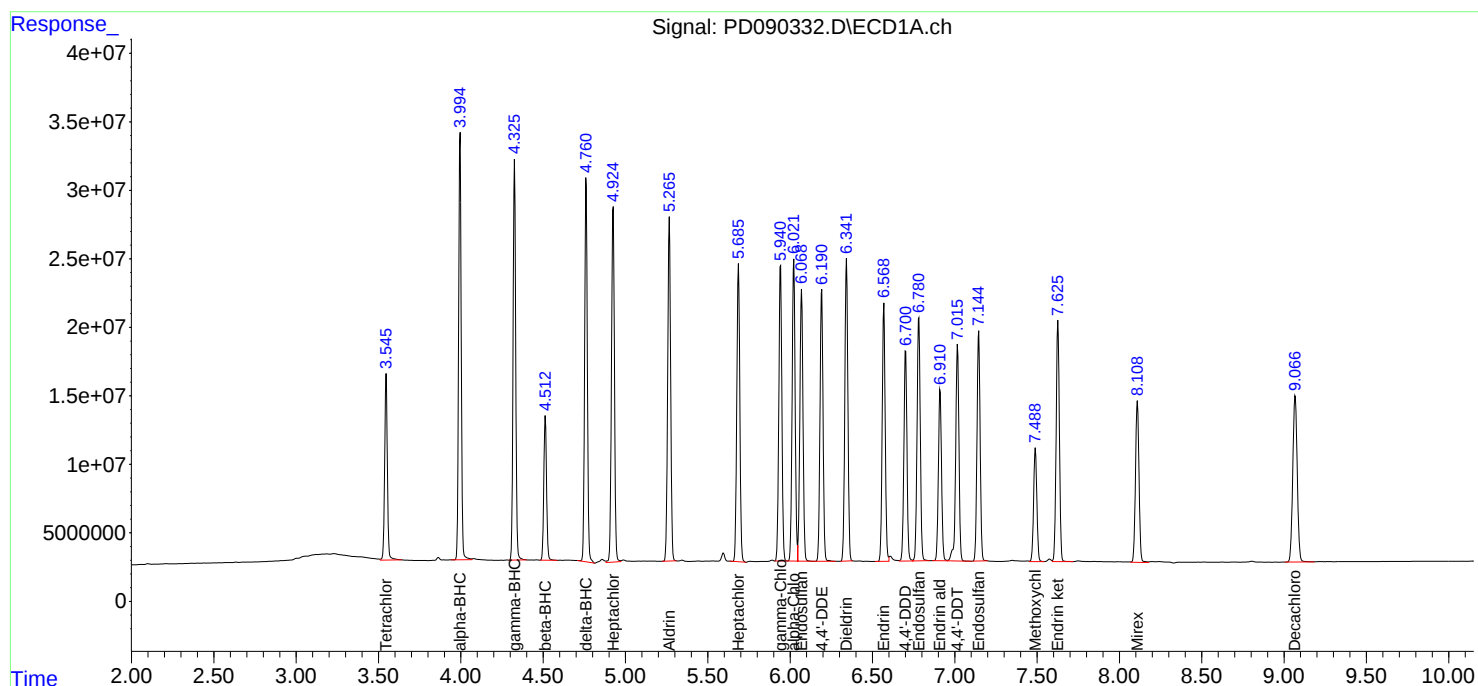
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:57
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 11:11
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	82854234	691.8E6	26.642	26.597
2)	SA Decachlor...	9.067	8.064	121.9E6	806.0E6	26.689	26.593
Target Compounds							
2)	A alpha-BHC	3.996	3.388	166.5E6	1093.8E6	24.032	26.119
3)	MA gamma-BHC...	4.326	3.724	158.3E6	1016.2E6	24.266	26.128
4)	MA Heptachlor	4.925	4.077	161.1E6	1028.9E6	24.830	26.459
5)	MB Aldrin	5.266	4.363	153.4E6	1007.5E6	24.606	26.324
6)	B beta-BHC	4.513	4.020	64059316	438.0E6	25.997	26.626
7)	B delta-BHC	4.762	4.257	154.9E6	1031.3E6	24.067	26.027
8)	B Heptachlo...	5.686	4.866	138.7E6	930.1E6	25.131	26.664
9)	A Endosulfan I	6.070	5.241	132.4E6	881.0E6	25.235	26.632
10)	B gamma-Chl...	5.942	5.119	138.8E6	984.2E6	24.845	26.222
11)	B alpha-Chl...	6.023	5.183	140.5E6	948.1E6	25.069	26.349
12)	B 4,4'-DDE	6.192	5.368	125.6E6	969.1E6	24.492	26.415
13)	MA Dieldrin	6.343	5.506	139.8E6	988.2E6	24.705	26.451
14)	MA Endrin	6.570	5.782	118.3E6	936.3E6	24.696	27.520
15)	B Endosulfa...	6.782	6.074	118.3E6	856.7E6	24.811	26.538
16)	A 4,4'-DDD	6.702	5.922	99114690	822.6E6	24.692	26.527
17)	MA 4,4'-DDT	7.017	6.176	107.9E6	868.4E6	24.672	26.117
18)	B Endrin al...	6.912	6.252	84815631	597.7E6	25.635	26.373
19)	B Endosulfa...	7.146	6.476	113.5E6	829.7E6	25.489	26.654
20)	A Methoxychlor	7.490	6.747	58886348	447.5E6	26.132	26.998
21)	B Endrin ke...	7.627	6.985	121.6E6	920.0E6	25.368	26.778
22)	Mirex	8.110	7.178	93886990	701.1E6	26.915	27.043

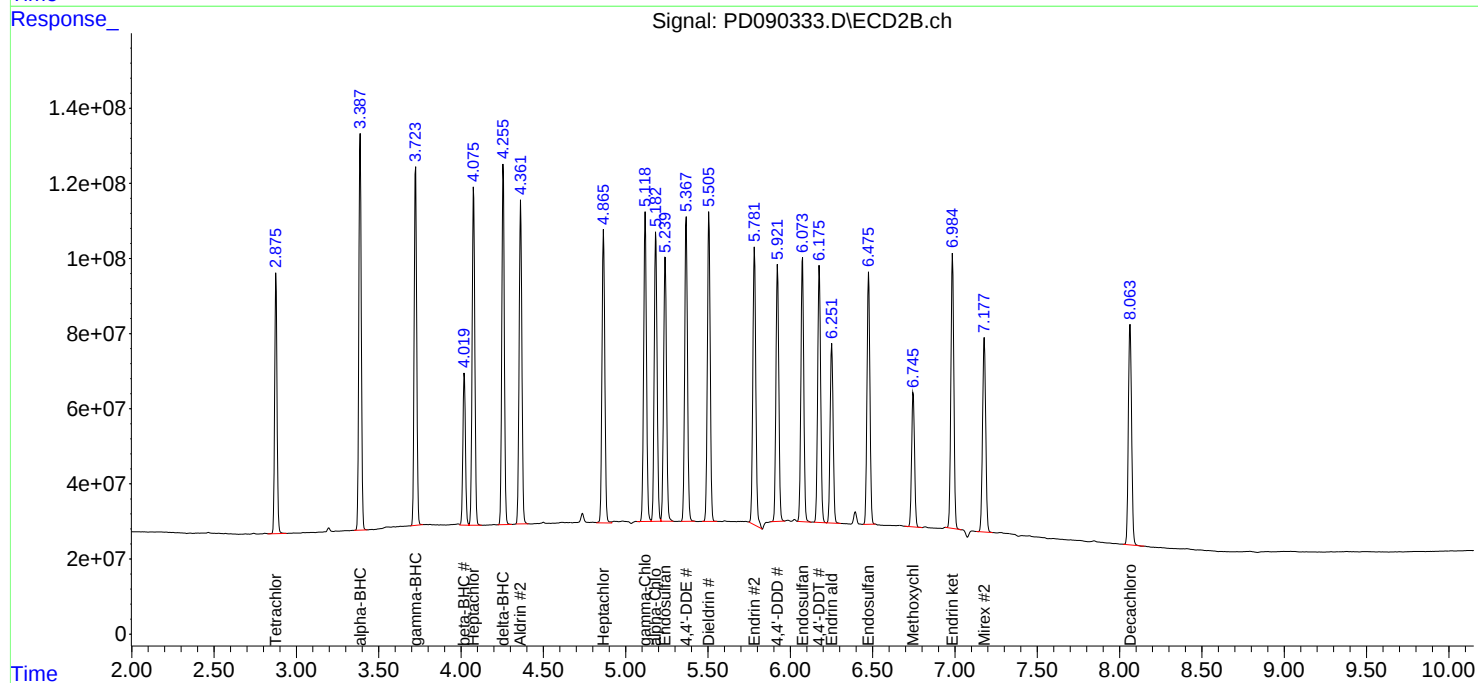
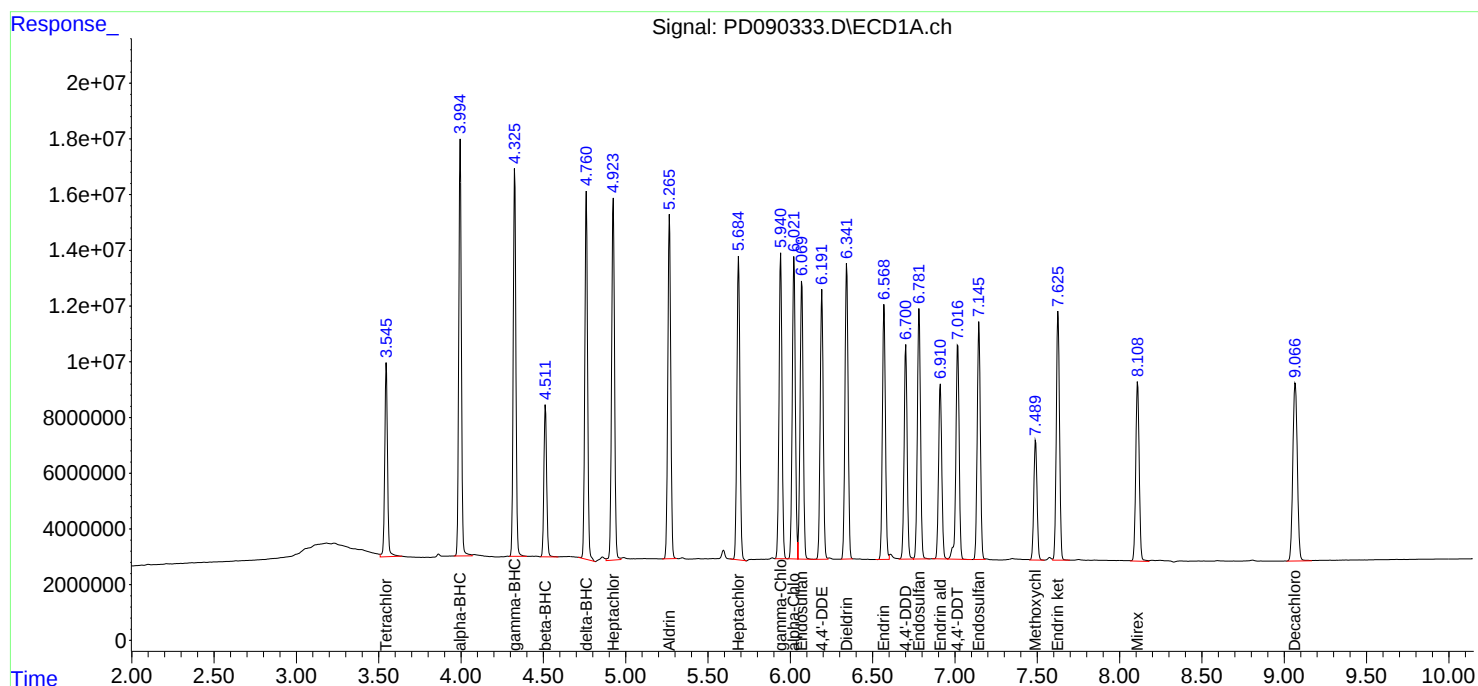
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:11
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 11:24
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:14:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:54:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.876	17825803	159.9E6	5.732m	6.147
28) SA Decachlor...	9.067	8.064	28924383	194.1E6	6.331	6.405
Target Compounds						
2) A alpha-BHC	3.995	3.388	32409405	246.0E6	4.677	5.874 #
3) MA gamma-BHC...	4.326	3.724	31965550	230.5E6	4.899	5.927
4) MA Heptachlor	4.923	4.076	33247136	235.0E6	5.126m	6.042
5) MB Aldrin	5.266	4.362	31981202	226.7E6	5.130	5.922
6) B beta-BHC	4.513	4.020	14541568	101.7E6	5.901	6.181
7) B delta-BHC	4.760	4.256	30051030	232.7E6	4.669m	5.873 #
8) B Heptachlo...	5.686	4.866	30902364	222.2E6	5.598	6.371
9) A Endosulfan I	6.070	5.240	28890370	201.8E6	5.506	6.101
10) B gamma-Chl...	5.941	5.119	29291567	225.3E6	5.245	6.002
11) B alpha-Chl...	6.022	5.183	30398915	216.3E6	5.424	6.010
12) B 4,4'-DDE	6.191	5.367	26114536	217.7E6	5.092	5.935m
13) MA Dieldrin	6.342	5.505	29402820	224.1E6	5.196	6.000
14) MA Endrin	6.569	5.781	25102642	207.6E6	5.240	6.103m
15) B Endosulfa...	6.782	6.074	26078573	197.3E6	5.470	6.111
16) A 4,4'-DDD	6.701	5.922	20863834	186.1E6	5.198	6.003
17) MA 4,4'-DDT	7.016	6.176	22380902	188.5E6	5.118	5.670
18) B Endrin al...	6.911	6.252	19263706	137.1E6	5.822	6.049
19) B Endosulfa...	7.145	6.475	25098674	192.3E6	5.639	6.177
20) A Methoxychlor	7.489	6.747	13357437	102.8E6	5.928	6.205
21) B Endrin ke...	7.627	6.985	26444173	214.2E6	5.516	6.234
22) Mirex	8.110	7.178	22153300	167.5E6	6.351	6.460

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:24
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

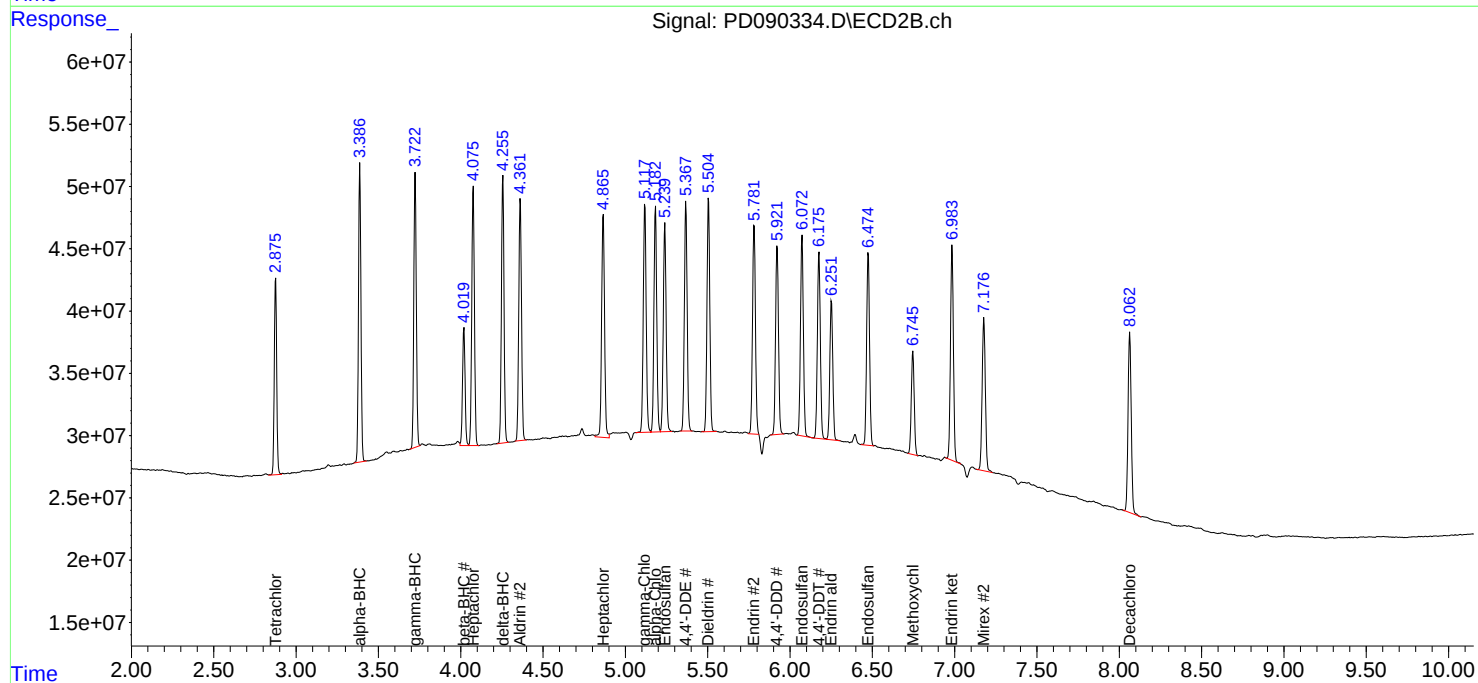
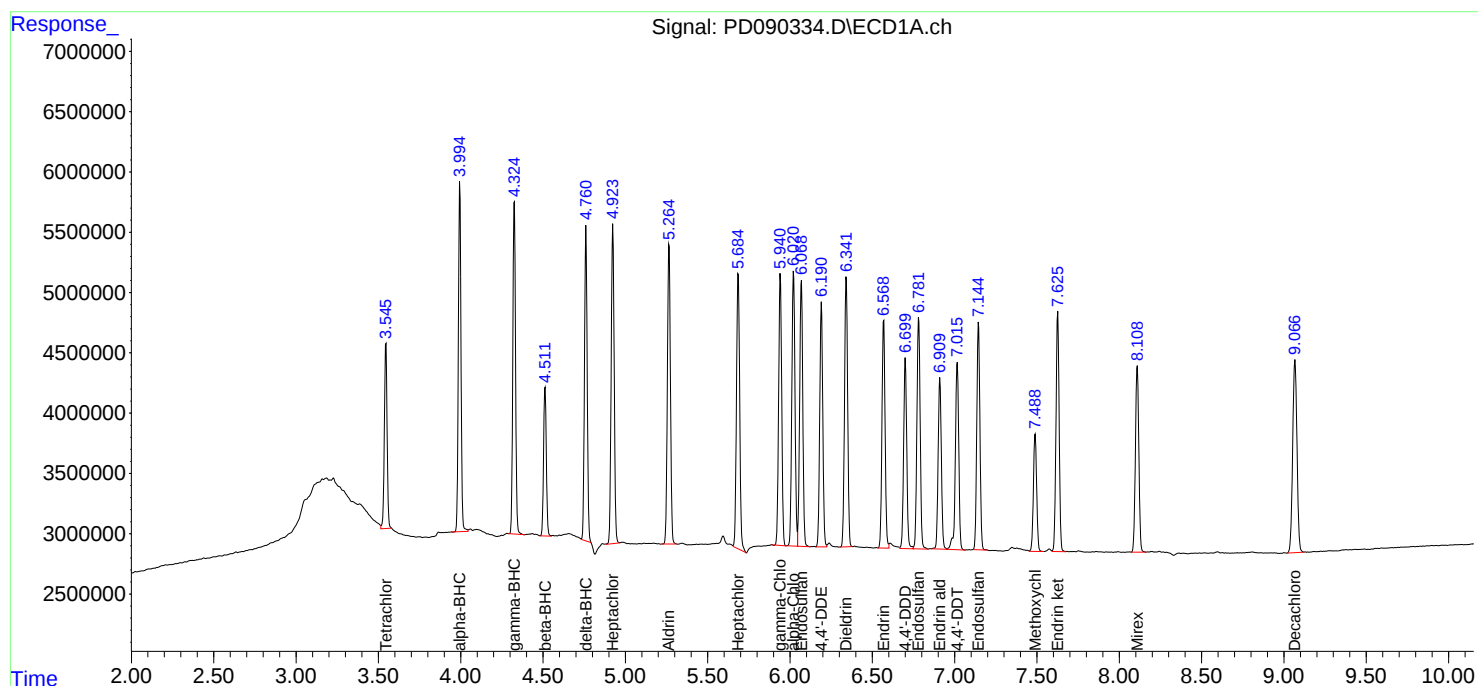
APPROVED

Reviewed By :Abdul Mirza 09/19/2025

Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 12:05
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:32:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:30:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	131.5E6	1423.2E6	50.000	50.000
28)	SA Decachlor...	9.067	8.064	198.1E6	1343.5E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.710	3.900	102.3E6	585.9E6	500.000	500.000
24)	Chlordane-2	5.237	4.481	102.7E6	605.6E6	500.000	500.000
25)	Chlordane-3	5.942	5.120	412.5E6	1831.3E6	500.000	500.000
26)	Chlordane-4	6.027	5.184	498.7E6	1568.9E6	500.000	500.000
27)	Chlordane-5	6.867	6.083	87350033	746.3E6	500.000	500.000

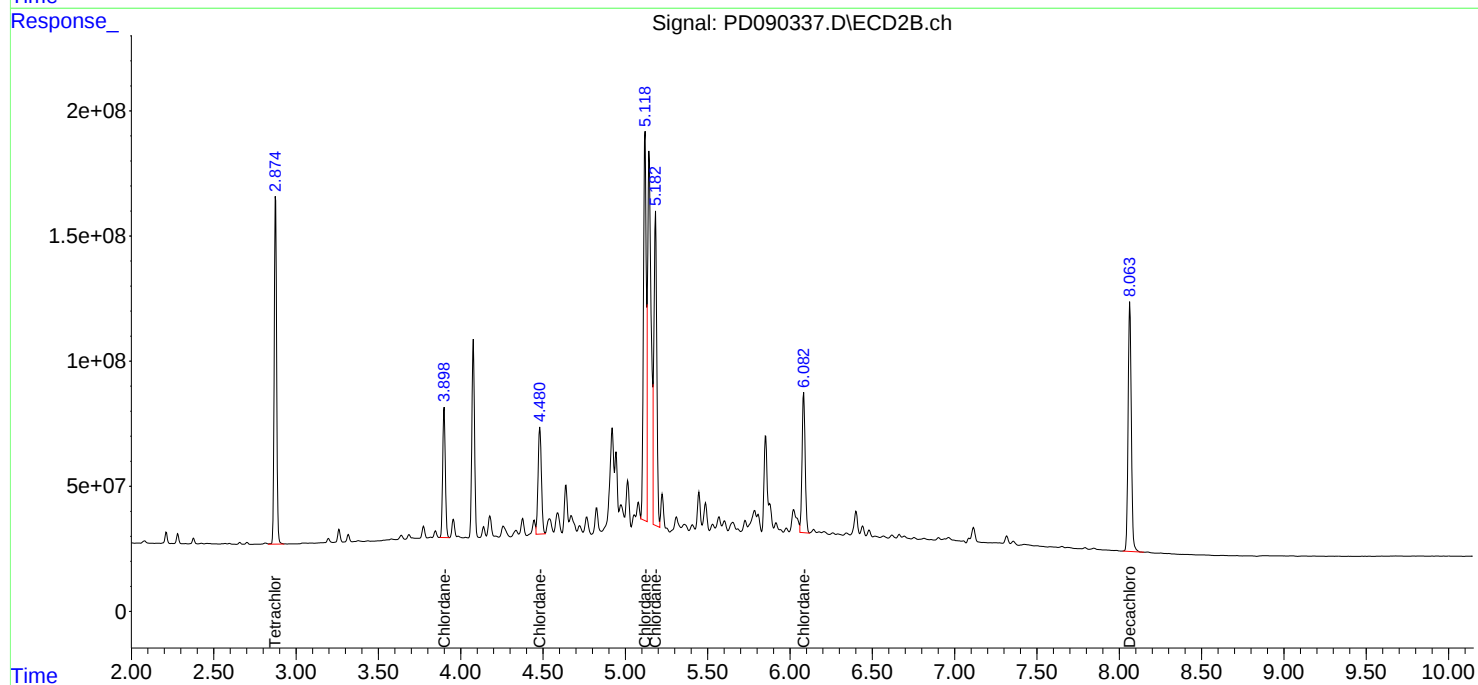
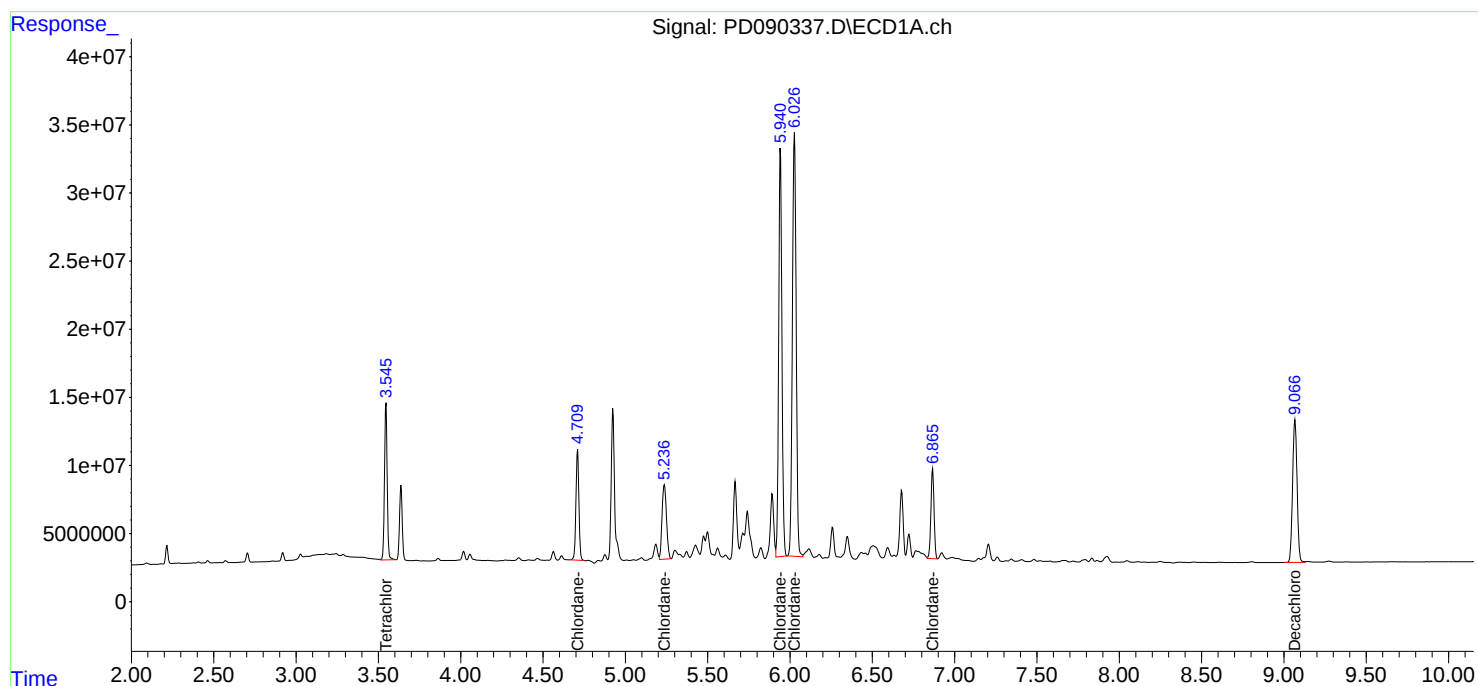
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 12:05
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:32:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:30:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 13:12
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:45:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:45:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

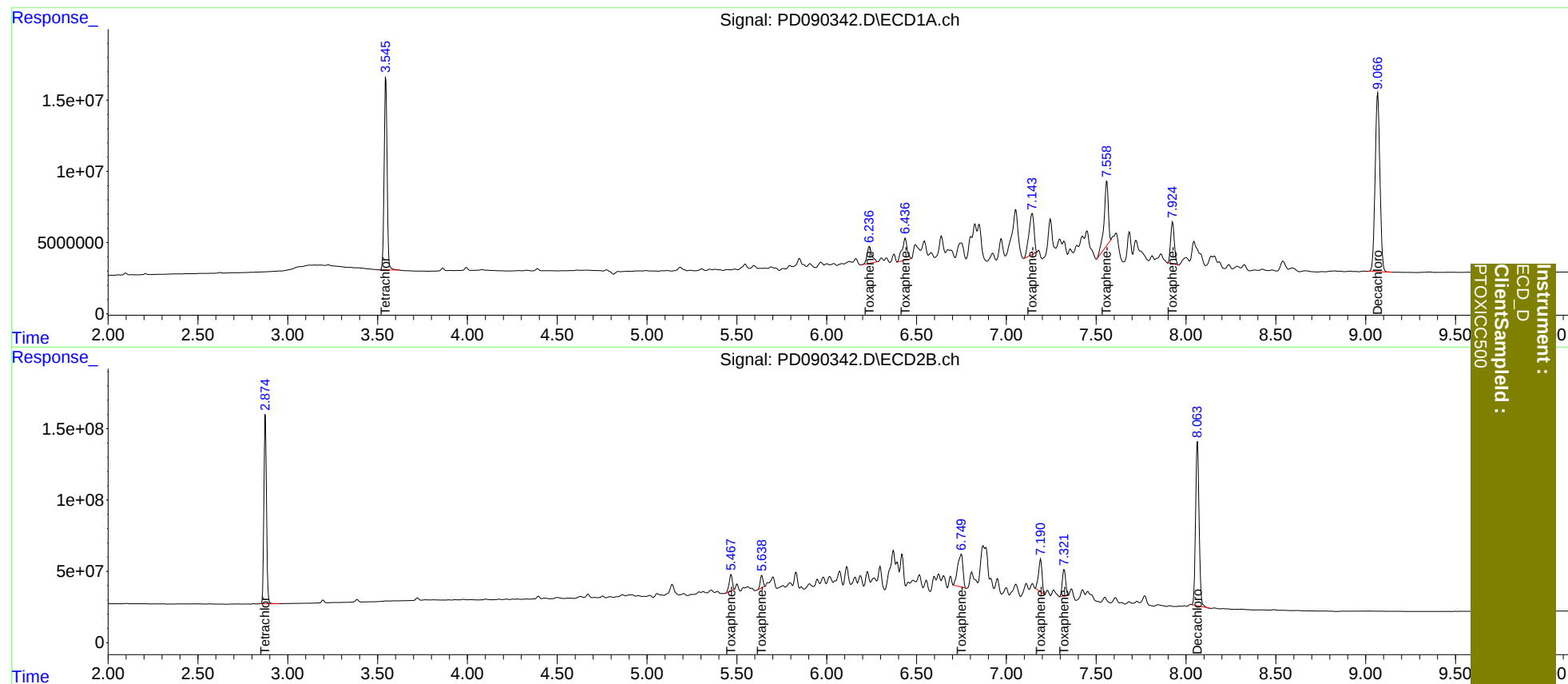
System Monitoring Compounds						
1) SA Tetrachlo...	3.546	2.875	154.0E6	1316.4E6	50.000	50.000
7) SA Decachlor...	9.067	8.064	232.3E6	1556.3E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.238	5.468	22194102	139.0E6	500.000	500.000
3) Toxaphene-2	6.438	5.639	30241683	93586595	500.000	500.000
4) Toxaphene-3	7.144	6.750	56828768	470.3E6	500.000	500.000
5) Toxaphene-4	7.559	7.191	73223973	311.4E6	500.000	500.000
6) Toxaphene-5	7.926	7.322	41700188	239.5E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:12
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:45:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:45:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 13:53
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD091825

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:54:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	157.4E6	1319.9E6	48.428	48.082
28)	SA Decachlor...	9.067	8.064	233.8E6	1568.0E6	48.465	48.375
Target Compounds							
2)	A alpha-BHC	3.996	3.388	351.7E6	2123.5E6	50.350	48.500
3)	MA gamma-BHC...	4.326	3.724	330.8E6	1969.8E6	49.987	48.355
4)	MA Heptachlor	4.925	4.076	325.8E6	1968.1E6	49.274	48.335
5)	MB Aldrin	5.266	4.362	315.4E6	1930.2E6	49.669	48.334
6)	B beta-BHC	4.513	4.020	124.9E6	831.7E6	48.395	47.975
7)	B delta-BHC	4.760	4.256	323.6E6	2001.0E6	50.107m	48.457
8)	B Heptachlo...	5.687	4.866	279.1E6	1766.9E6	48.842	47.930
9)	A Endosulfan I	6.070	5.240	265.5E6	1670.3E6	49.149	48.268
10)	B gamma-Chl...	5.942	5.119	282.7E6	1894.5E6	49.490	48.224
11)	B alpha-Chl...	6.023	5.183	283.5E6	1815.3E6	49.204	48.195
12)	B 4,4'-DDE	6.192	5.368	259.4E6	1854.9E6	49.812	48.458
13)	MA Dieldrin	6.343	5.506	286.4E6	1884.9E6	49.683	48.397
14)	MA Endrin	6.570	5.782	242.8E6	1721.2E6	49.612	48.036
15)	B Endosulfa...	6.782	6.074	246.0E6	1633.1E6	50.439	48.386
16)	A 4,4'-DDD	6.702	5.923	204.5E6	1574.5E6	49.914	48.554
17)	MA 4,4'-DDT	7.017	6.177	223.7E6	1690.5E6	50.245	49.173
18)	B Endrin al...	6.912	6.252	171.2E6	1146.7E6	49.898	48.698
19)	B Endosulfa...	7.146	6.476	226.4E6	1576.6E6	49.206	48.229
20)	A Methoxychlor	7.490	6.747	115.7E6	851.6E6	49.103	48.941
21)	B Endrin ke...	7.626	6.985	244.7E6	1750.8E6	49.463	48.494
22)	Mirex	8.109	7.178	179.2E6	1323.1E6	48.364	47.928

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ICVPD091825

Manual Integrations

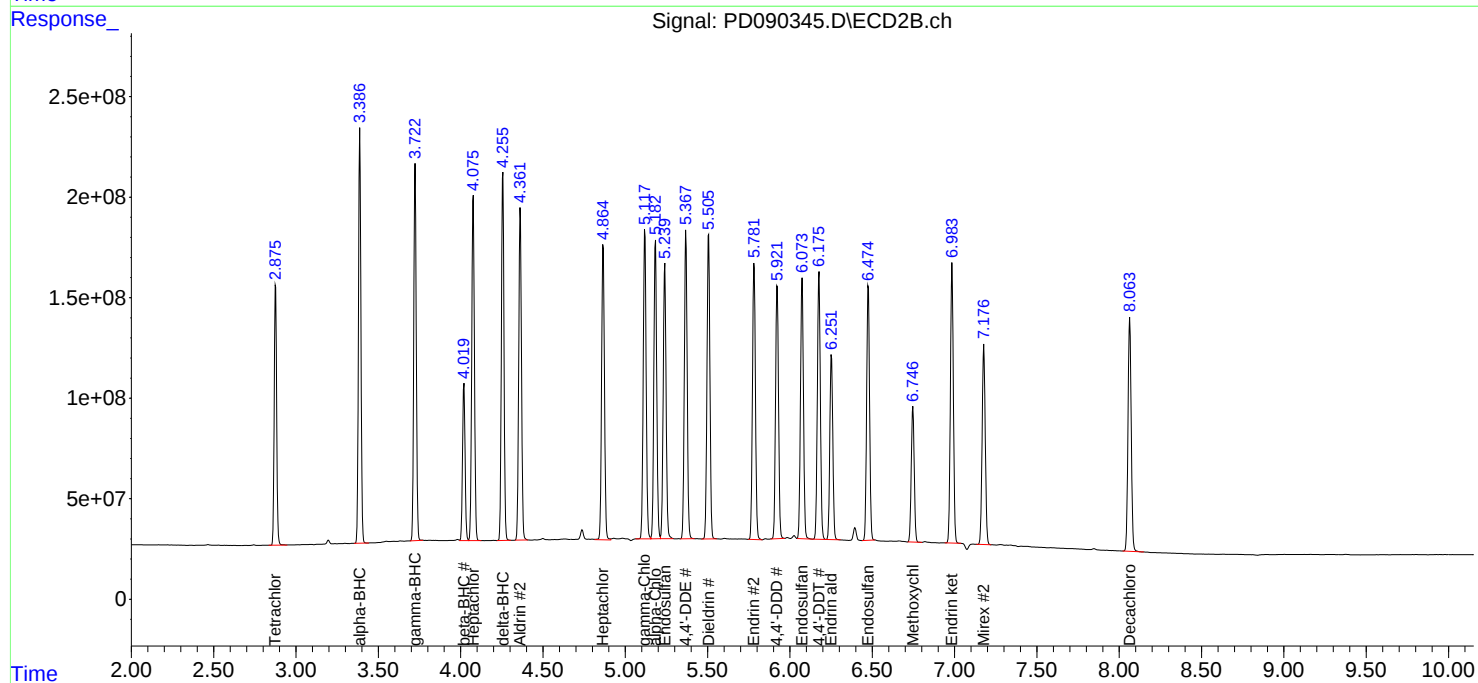
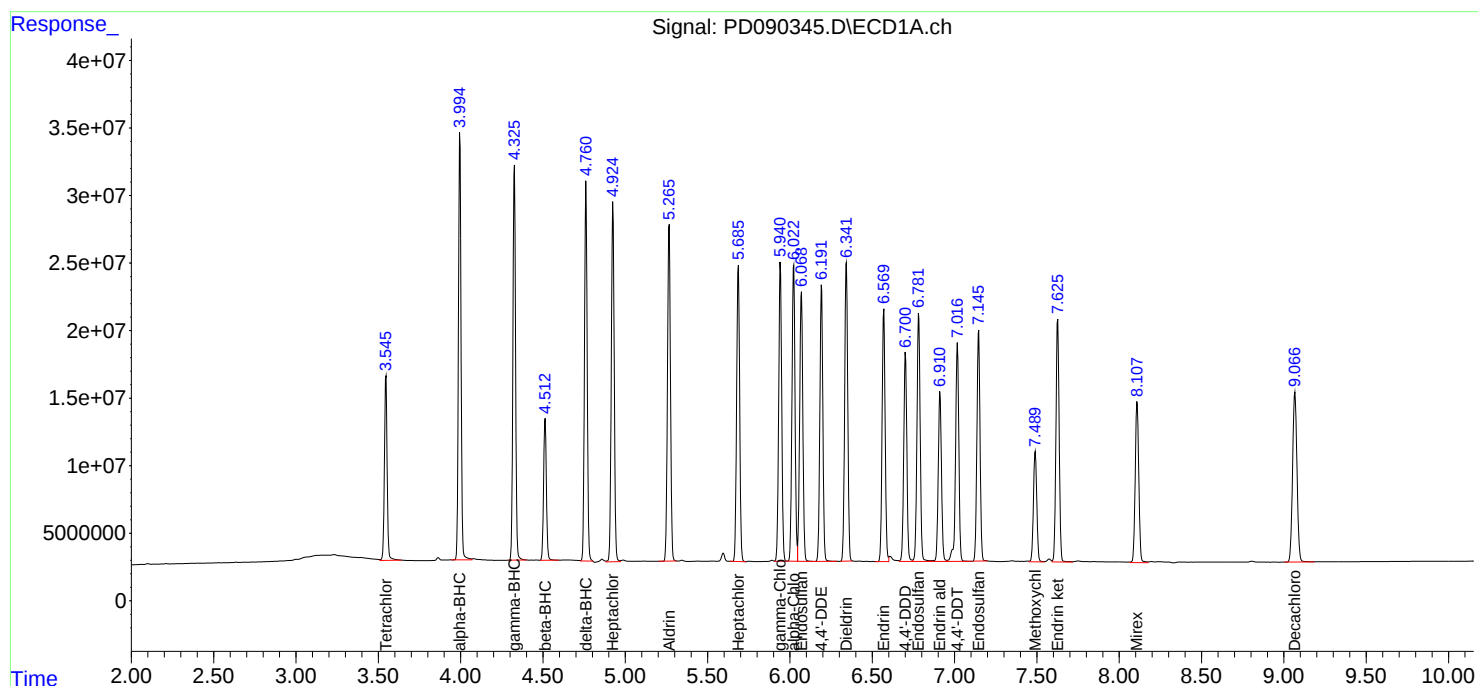
APPROVED

Reviewed By :Abdul Mirza 09/19/2025

Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 14:07
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD091825CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:38:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:37:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.875	129.1E6	1402.8E6	47.340	47.897
28)	SA Decachlor...	9.068	8.064	194.3E6	1309.0E6	47.267	47.285
Target Compounds							
23)	Chlordane-1	4.710	3.899	100.8E6	576.9E6	479.474	479.360
24)	Chlordane-2	5.237	4.481	102.1E6	593.4E6	475.722	474.577
25)	Chlordane-3	5.942	5.119	409.5E6	1812.3E6	489.211	478.119
26)	Chlordane-4	6.027	5.183	494.7E6	1533.5E6	484.786	470.960
27)	Chlordane-5	6.867	6.083	86799597	733.2E6	487.543	483.129

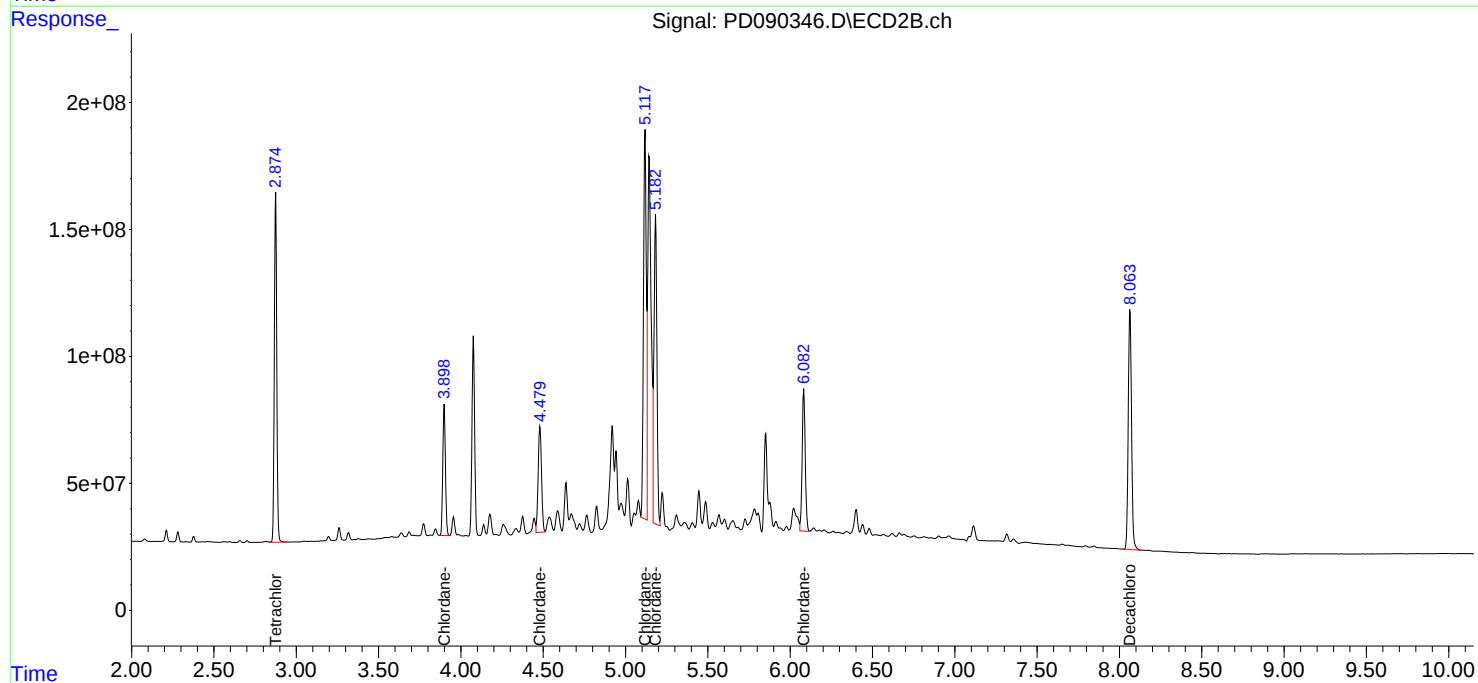
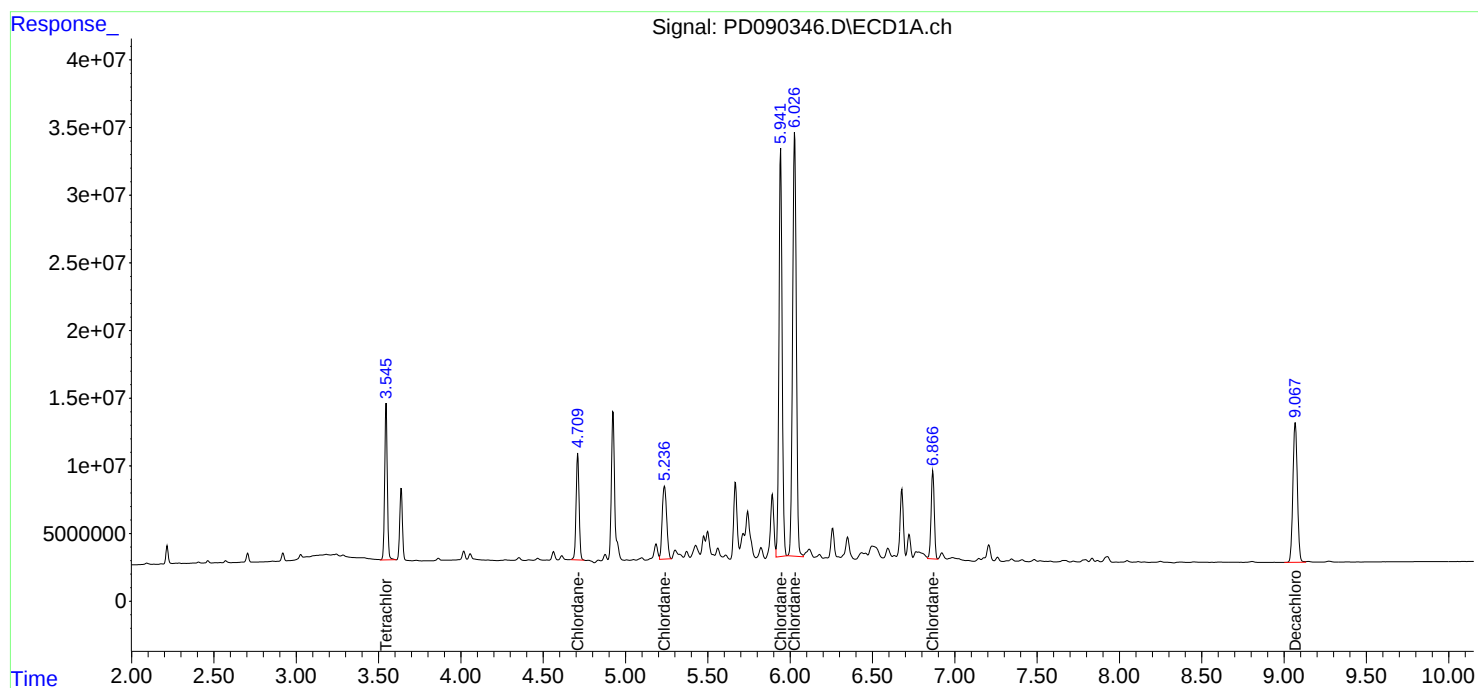
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 14:07
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD091825CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:38:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:37:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 15:21
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD091825TOX

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:50:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:49:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

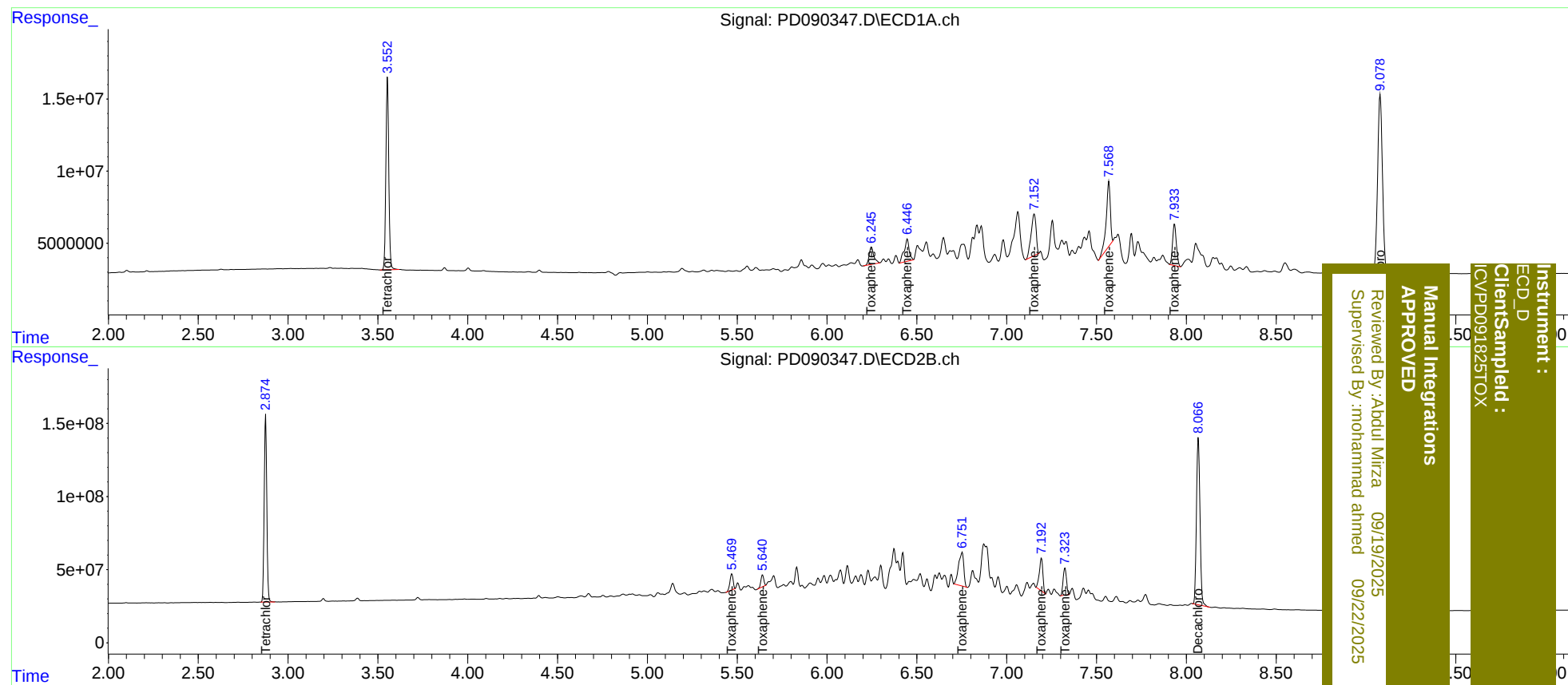
System Monitoring Compounds						
1) SA Tetrachlo...	3.554	2.875	149.7E6	1282.2E6	49.762	49.788
7) SA Decachlor...	9.079	8.067	232.6E6	1556.5E6	50.916	51.307
Target Compounds						
2) Toxaphene-1	6.247	5.470	21756033	134.0E6	492.616	495.333
3) Toxaphene-2	6.447	5.641	29840377	89582946	498.356	498.830
4) Toxaphene-3	7.154	6.753	56224977	461.1E6	504.212	514.813
5) Toxaphene-4	7.569	7.194	71351974	306.1E6	500.438	509.297
6) Toxaphene-5	7.933	7.325	41788434	239.3E6	512.136m	531.200

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 15:21
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:50:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:49:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 19:54

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.07	8.97	9.17	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.93	4.83	5.03	0.01
Heptachlor epoxide	5.68	5.69	5.59	5.79	0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 19:54

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.87	4.77	4.97	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL01 Date Analyzed: 09/29/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090433.D Time Analyzed: 19:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.968	9.168	48.970	50.000	-2.1
Endrin	6.567	6.469	6.669	58.160	50.000	16.3
gamma-BHC (Lindane)	4.325	4.226	4.426	56.290	50.000	12.6
Heptachlor	4.923	4.825	5.025	57.190	50.000	14.4
Heptachlor epoxide	5.684	5.586	5.786	55.510	50.000	11.0
Methoxychlor	7.487	7.390	7.590	55.050	50.000	10.1
Tetrachloro-m-xylene	3.545	3.446	3.646	50.400	50.000	0.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05
Lab Code: ACE **SDG NO.:** Q3181
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/29/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090433.D **Time Analyzed:** 19:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.060	7.964	8.164	48.060	50.000	-3.9
Endrin	5.780	5.682	5.882	53.500	50.000	7.0
gamma-BHC (Lindane)	3.723	3.624	3.824	53.420	50.000	6.8
Heptachlor	4.075	3.976	4.176	53.840	50.000	7.7
Heptachlor epoxide	4.864	4.766	4.966	54.350	50.000	8.7
Methoxychlor	6.744	6.646	6.846	53.300	50.000	6.6
Tetrachloro-m-xylene	2.875	2.776	2.976	49.460	50.000	-1.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	163.8E6	1357.7E6	50.402	49.462
28)	SA Decachlor...	9.063	8.060	236.3E6	1557.8E6	48.971	48.057
Target Compounds							
2)	A alpha-BHC	3.994	3.387	400.7E6	2349.6E6	57.372	53.665
3)	MA gamma-BHC...	4.325	3.723	372.5E6	2176.1E6	56.288	53.421
4)	MA Heptachlor	4.923	4.075	378.2E6	2192.4E6	57.194	53.845
5)	MB Aldrin	5.264	4.361	361.8E6	2139.1E6	56.975	53.564
6)	B beta-BHC	4.511	4.019	137.4E6	904.7E6	53.273	52.186
7)	B delta-BHC	4.758	4.255	373.0E6	2206.9E6	57.765m	53.443
8)	B Heptachlo...	5.684	4.864	317.2E6	2003.8E6	55.507	54.355
9)	A Endosulfan I	6.066	5.238	296.2E6	1848.0E6	54.834m	53.401
10)	B gamma-Chl...	5.939	5.117	319.5E6	2091.5E6	55.930	53.236
11)	B alpha-Chl...	6.019	5.182	333.8E6	2005.5E6	57.946m	53.245
12)	B 4,4'-DDE	6.189	5.366	297.4E6	2046.0E6	57.101	53.450
13)	MA Dieldrin	6.340	5.504	331.0E6	2084.4E6	57.413	53.520
14)	MA Endrin	6.567	5.780	284.7E6	1917.0E6	58.165	53.499
15)	B Endosulfa...	6.780	6.072	279.4E6	1799.5E6	57.285	53.317
16)	A 4,4'-DDD	6.699	5.920	233.6E6	1714.5E6	57.011	52.870
17)	MA 4,4'-DDT	7.014	6.174	259.8E6	1854.9E6	58.343	53.955
18)	B Endrin al...	6.908	6.250	200.8E6	1320.3E6	58.534	56.072
19)	B Endosulfa...	7.143	6.474	258.9E6	1741.1E6	56.272	53.260
20)	A Methoxychlor	7.487	6.744	129.7E6	927.5E6	55.046	53.305
21)	B Endrin ke...	7.623	6.982	277.9E6	1862.6E6	56.169	51.592
22)	Mirex	8.104	7.175	174.5E6	1272.3E6	47.112m	46.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

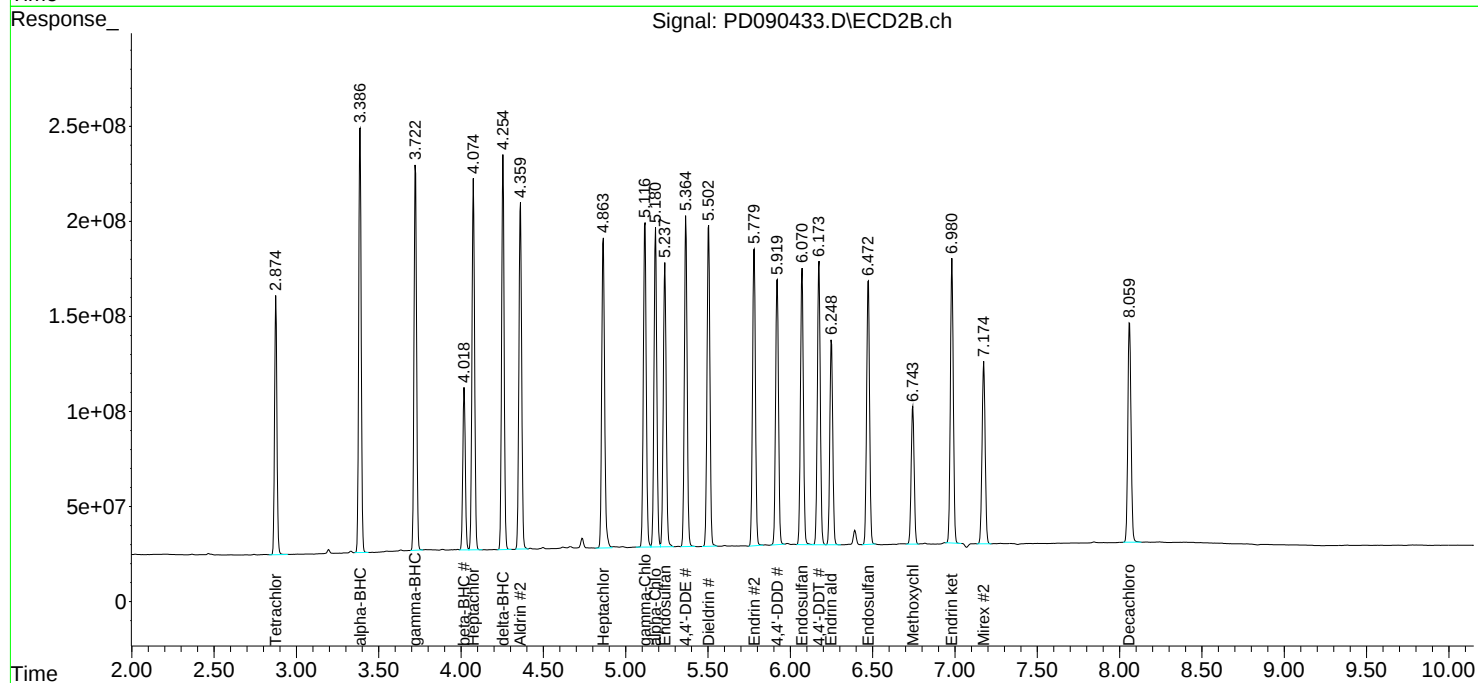
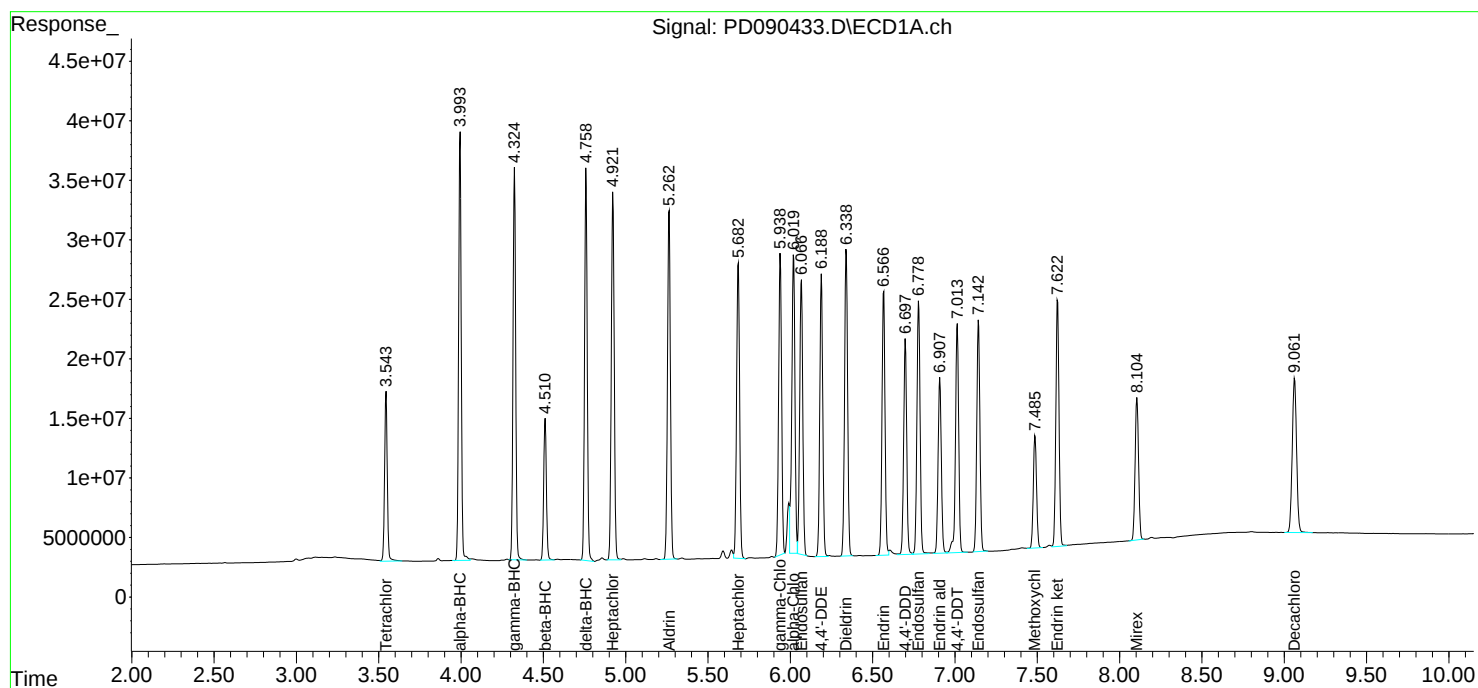
APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 23:19

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.07	8.97	9.17	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.93	4.83	5.03	0.01
Heptachlor epoxide	5.68	5.69	5.59	5.79	0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/29/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 23:19

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.87	4.77	4.97	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL02 Date Analyzed: 09/29/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090445.D Time Analyzed: 23:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.968	9.168	51.010	50.000	2.0
Endrin	6.568	6.469	6.669	59.240	50.000	18.5
gamma-BHC (Lindane)	4.325	4.226	4.426	57.270	50.000	14.5
Heptachlor	4.923	4.825	5.025	58.150	50.000	16.3
Heptachlor epoxide	5.684	5.586	5.786	56.760	50.000	13.5
Methoxychlor	7.487	7.390	7.590	56.670	50.000	13.3
Tetrachloro-m-xylene	3.545	3.446	3.646	50.800	50.000	1.6



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL02 Date Analyzed: 09/29/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090445.D Time Analyzed: 23:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.061	7.964	8.164	49.880	50.000	-0.2
Endrin	5.781	5.682	5.882	54.490	50.000	9.0
gamma-BHC (Lindane)	3.723	3.624	3.824	53.560	50.000	7.1
Heptachlor	4.075	3.976	4.176	54.030	50.000	8.1
Heptachlor epoxide	4.864	4.766	4.966	54.300	50.000	8.6
Methoxychlor	6.744	6.646	6.846	54.210	50.000	8.4
Tetrachloro-m-xylene	2.875	2.776	2.976	49.580	50.000	-0.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 23:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:36:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	165.1E6	1361.1E6	50.803	49.585
28)	SA Decachlor...	9.063	8.061	246.1E6	1616.7E6	51.009	49.876
Target Compounds							
2)	A alpha-BHC	3.994	3.387	405.9E6	2356.0E6	58.107	53.810
3)	MA gamma-BHC...	4.325	3.723	378.9E6	2181.8E6	57.269	53.560
4)	MA Heptachlor	4.923	4.075	384.5E6	2199.8E6	58.148	54.026
5)	MB Aldrin	5.264	4.361	367.8E6	2150.5E6	57.922	53.849
6)	B beta-BHC	4.512	4.019	139.5E6	905.7E6	54.061	52.244
7)	B delta-BHC	4.759	4.255	377.0E6	2218.2E6	58.384m	53.715
8)	B Heptachlo...	5.684	4.864	324.4E6	2001.7E6	56.763	54.298
9)	A Endosulfan I	6.066	5.239	309.2E6	1832.3E6	57.240m	52.947
10)	B gamma-Chl...	5.939	5.117	326.1E6	2104.5E6	57.090	53.568
11)	B alpha-Chl...	6.019	5.182	328.4E6	2018.8E6	57.002m	53.598
12)	B 4,4'-DDE	6.190	5.366	301.4E6	2064.0E6	57.878	53.919
13)	MA Dieldrin	6.340	5.504	336.9E6	2103.0E6	58.443	53.998
14)	MA Endrin	6.568	5.781	289.9E6	1952.5E6	59.241	54.490
15)	B Endosulfa...	6.780	6.072	287.6E6	1818.4E6	58.961	53.878
16)	A 4,4'-DDD	6.699	5.921	239.8E6	1728.7E6	58.518	53.309
17)	MA 4,4'-DDT	7.015	6.174	264.6E6	1862.3E6	59.434	54.168
18)	B Endrin al...	6.908	6.250	203.0E6	1339.0E6	59.172m	56.865
19)	B Endosulfa...	7.143	6.473	263.8E6	1767.5E6	57.351	54.069
20)	A Methoxychlor	7.487	6.744	133.5E6	943.2E6	56.671	54.206
21)	B Endrin ke...	7.624	6.982	284.5E6	1883.7E6	57.498	52.177
22)	Mirex	8.106	7.174	183.9E6	1304.0E6	49.629	47.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 23:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

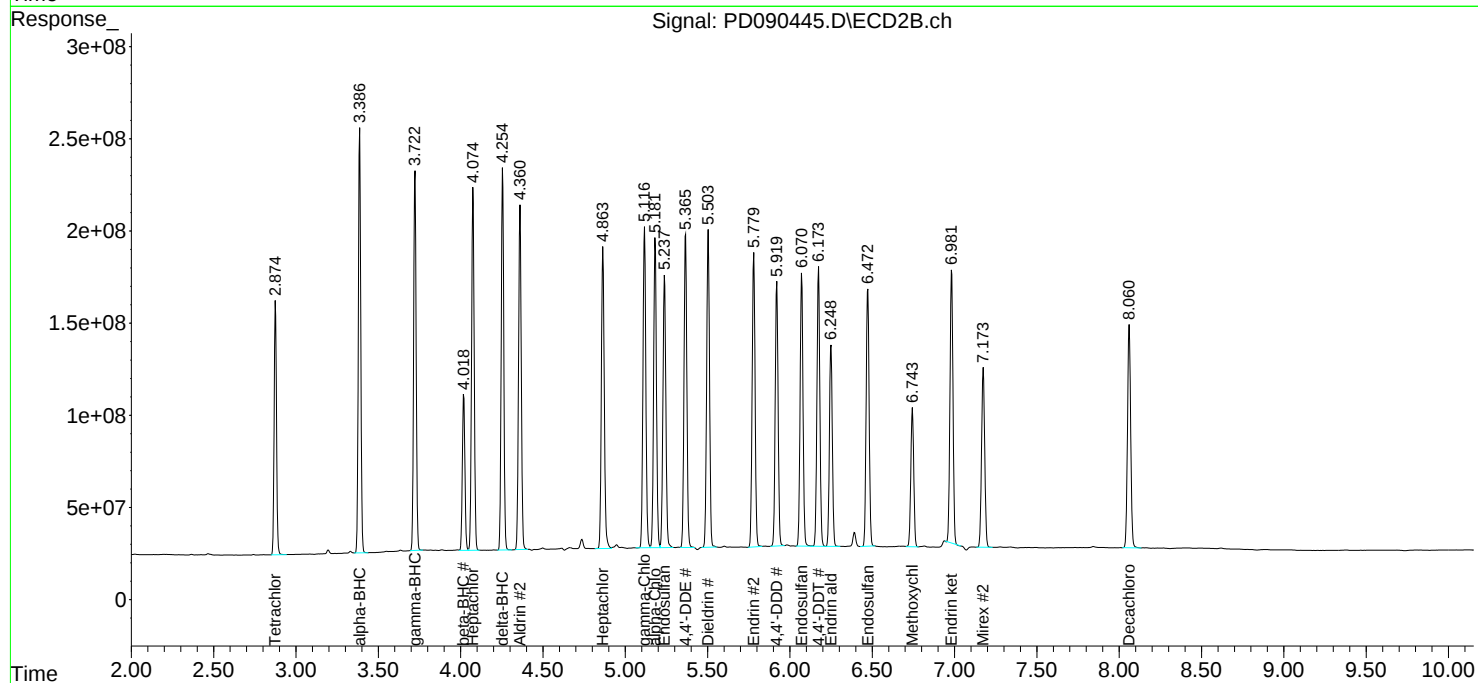
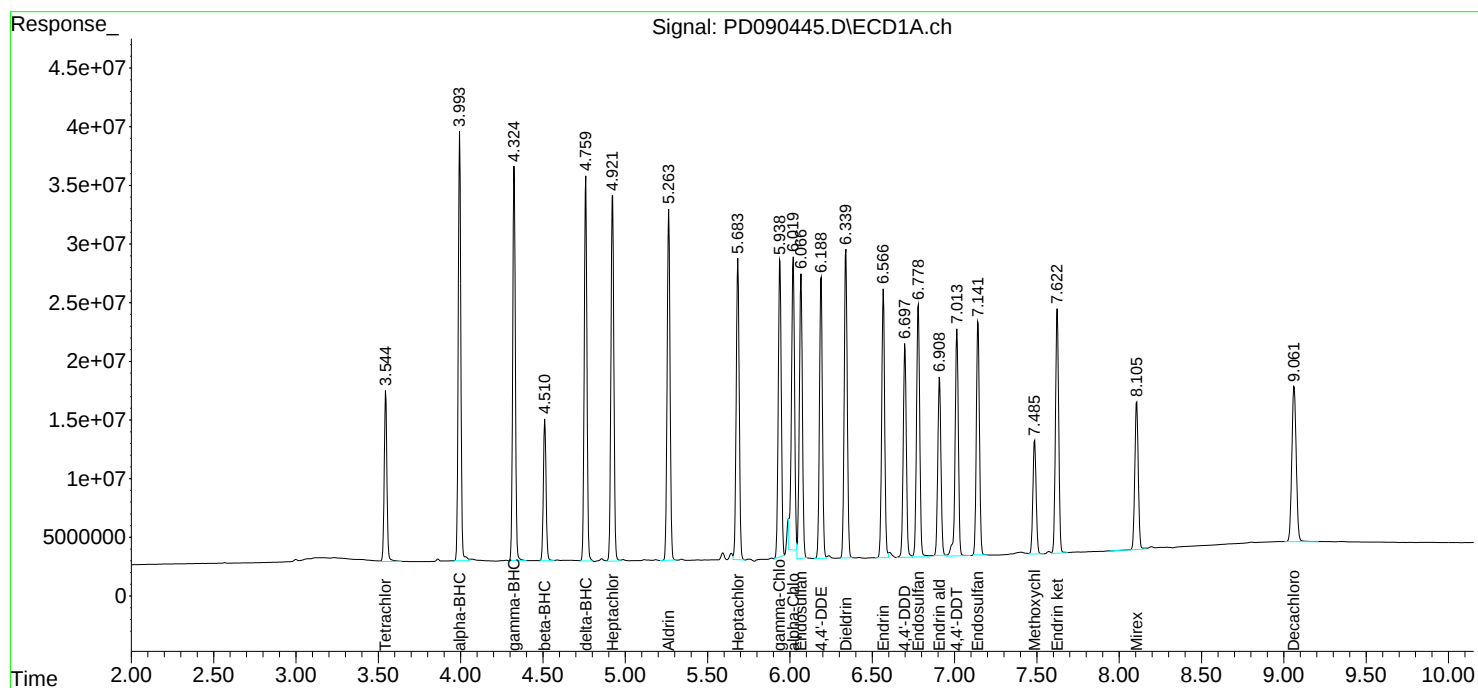
APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:36:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/30/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 11:00

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/30/2025

Initial Calibration Date(s): 09/18/2025 09/18/2025

Continuing Calib Time: 11:00

Initial Calibration Time(s): 10:30 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL03 Date Analyzed: 09/30/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090449.D Time Analyzed: 11:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.968	9.168	47.940	50.000	-4.1
Endrin	6.576	6.469	6.669	55.090	50.000	10.2
gamma-BHC (Lindane)	4.333	4.226	4.426	51.160	50.000	2.3
Heptachlor	4.931	4.825	5.025	52.930	50.000	5.9
Heptachlor epoxide	5.692	5.586	5.786	52.610	50.000	5.2
Methoxychlor	7.496	7.390	7.590	55.510	50.000	11.0
Tetrachloro-m-xylene	3.552	3.446	3.646	45.550	50.000	-8.9



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL03 Date Analyzed: 09/30/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090449.D Time Analyzed: 11:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.064	7.964	8.164	47.210	50.000	-5.6
Endrin	5.782	5.682	5.882	50.380	50.000	0.8
gamma-BHC (Lindane)	3.723	3.624	3.824	48.390	50.000	-3.2
Heptachlor	4.076	3.976	4.176	48.830	50.000	-2.3
Heptachlor epoxide	4.865	4.766	4.966	48.910	50.000	-2.2
Methoxychlor	6.746	6.646	6.846	50.260	50.000	0.5
Tetrachloro-m-xylene	2.874	2.776	2.976	44.920	50.000	-10.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 11:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/01/2025
 Supervised By : mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 13:16:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	2.874	148.1E6	1233.0E6	45.553	44.918
28)	SA Decachlor...	9.074	8.064	231.3E6	1530.2E6	47.936	47.206
Target Compounds							
2)	A alpha-BHC	4.001	3.386	361.7E6	2125.7E6	51.786	48.551
3)	MA gamma-BHC...	4.333	3.723	338.5E6	1971.1E6	51.162	48.387
4)	MA Heptachlor	4.931	4.076	350.0E6	1988.1E6	52.925	48.828
5)	MB Aldrin	5.273	4.361	332.1E6	1946.7E6	52.306	48.747
6)	B beta-BHC	4.520	4.019	125.7E6	809.6E6	48.729	46.701
7)	B delta-BHC	4.766	4.255	340.1E6	1998.6E6	52.674m	48.399
8)	B Heptachlo...	5.692	4.865	300.6E6	1803.0E6	52.605	48.909
9)	A Endosulfan I	6.076	5.239	278.2E6	1575.6E6	51.498	45.532
10)	B gamma-Chl...	5.948	5.118	298.4E6	1917.1E6	52.247	48.799
11)	B alpha-Chl...	6.029	5.183	317.0E6	1835.1E6	55.032	48.721
12)	B 4,4'-DDE	6.198	5.367	272.5E6	1888.9E6	52.328	49.345
13)	MA Dieldrin	6.349	5.505	305.9E6	1916.4E6	53.062	49.206
14)	MA Endrin	6.576	5.782	269.6E6	1805.1E6	55.093	50.378
15)	B Endosulfa...	6.788	6.073	275.3E6	1661.8E6	56.440	49.236
16)	A 4,4'-DDD	6.708	5.922	231.7E6	1585.0E6	56.532	48.879
17)	MA 4,4'-DDT	7.023	6.176	248.5E6	1718.6E6	55.805	49.990
18)	B Endrin al...	6.917	6.251	199.1E6	1250.6E6	58.030	53.112
19)	B Endosulfa...	7.152	6.476	243.7E6	1623.6E6	52.974	49.667
20)	A Methoxychlor	7.496	6.746	130.8E6	874.5E6	55.511	50.259
21)	B Endrin ke...	7.633	6.983	262.4E6	1869.2E6	53.046	51.775m
22)	Mirex	8.115	7.177	172.7E6	1218.6E6	46.622	44.144

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 11:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

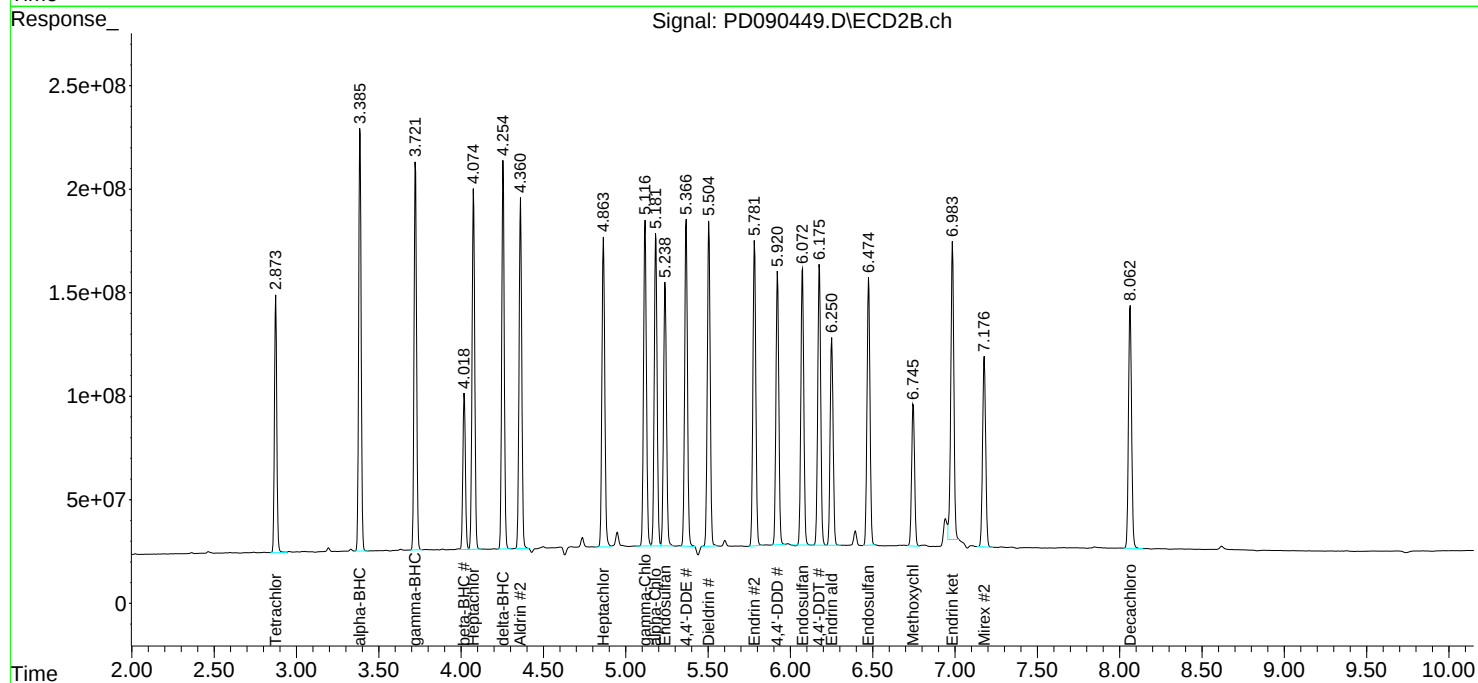
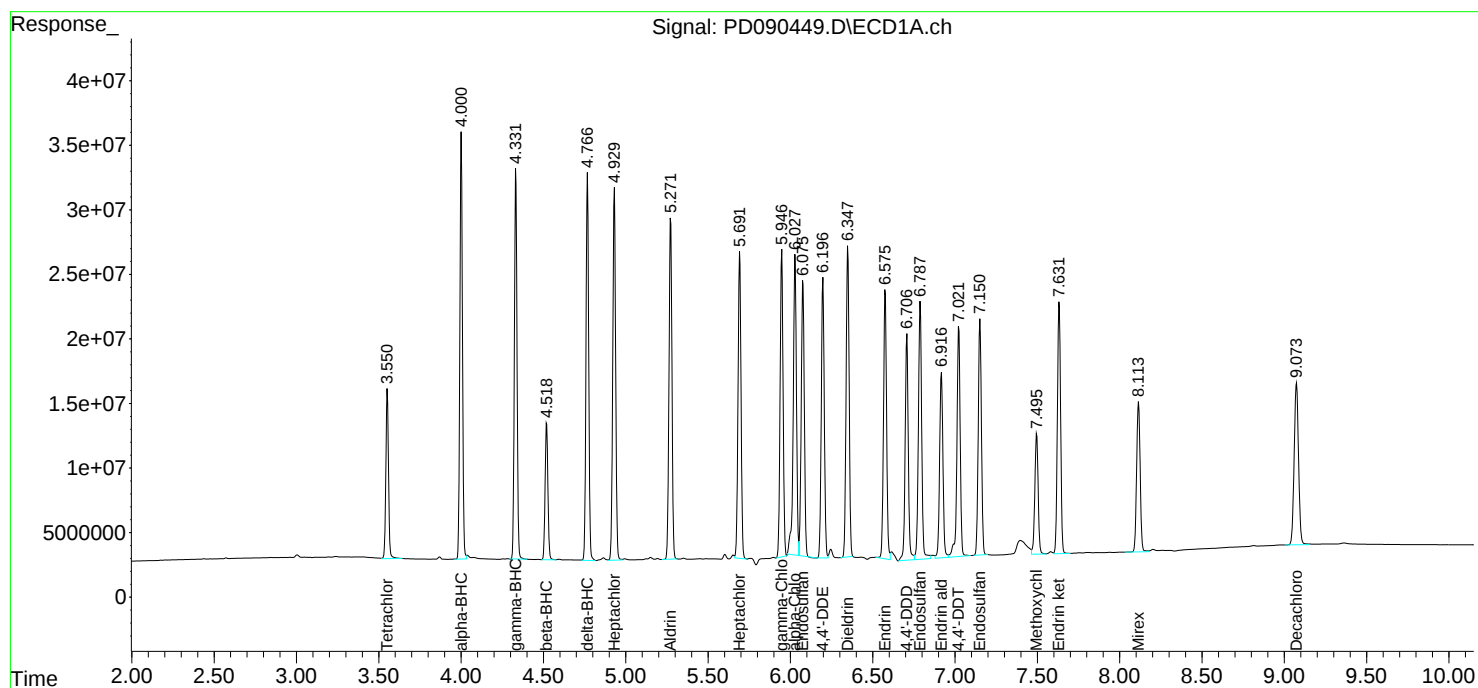
APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 13:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/30/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 17:09

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.93	4.83	5.03	0.01
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Continuing Calib Date: 09/30/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 17:09

Initial Calibration Time(s): 10:30

11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.87	4.77	4.97	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG NO.: Q3181
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No.: CCAL04 Date Analyzed: 09/30/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090463.D Time Analyzed: 17:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.065	8.968	9.168	46.930	50.000	-6.1
Endrin	6.568	6.469	6.669	54.950	50.000	9.9
gamma-BHC (Lindane)	4.326	4.226	4.426	52.610	50.000	5.2
Heptachlor	4.924	4.825	5.025	53.650	50.000	7.3
Heptachlor epoxide	5.685	5.586	5.786	53.830	50.000	7.7
Methoxychlor	7.488	7.390	7.590	52.970	50.000	5.9
Tetrachloro-m-xylene	3.545	3.446	3.646	47.080	50.000	-5.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05
Lab Code: ACE **SDG NO.:** Q3181
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/30/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090463.D **Time Analyzed:** 17:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.061	7.964	8.164	43.850	50.000	-12.3
Endrin	5.781	5.682	5.882	50.970	50.000	1.9
gamma-BHC (Lindane)	3.723	3.624	3.824	49.090	50.000	-1.8
Heptachlor	4.075	3.976	4.176	49.880	50.000	-0.2
Heptachlor epoxide	4.864	4.766	4.966	48.960	50.000	-2.1
Methoxychlor	6.745	6.646	6.846	49.180	50.000	-1.6
Tetrachloro-m-xylene	2.876	2.776	2.976	45.660	50.000	-8.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 17:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/01/2025
 Supervised By : mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:22:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.876	153.0E6	1253.4E6	47.081	45.660
28)	SA Decachlor...	9.065	8.061	226.4E6	1421.3E6	46.930	43.848
Target Compounds							
2)	A alpha-BHC	3.995	3.387	368.9E6	2164.8E6	52.818	49.444
3)	MA gamma-BHC...	4.326	3.723	348.1E6	1999.5E6	52.614	49.085
4)	MA Heptachlor	4.924	4.075	354.8E6	2031.1E6	53.649	49.885
5)	MB Aldrin	5.265	4.361	339.8E6	1976.8E6	53.513	49.501
6)	B beta-BHC	4.512	4.019	129.2E6	821.8E6	50.069	47.407
7)	B delta-BHC	4.759	4.255	346.1E6	2035.7E6	53.589m	49.297
8)	B Heptachlo...	5.685	4.864	307.6E6	1805.0E6	53.826	48.963
9)	A Endosulfan I	6.067	5.239	287.2E6	1572.6E6	53.167m	45.443
10)	B gamma-Chl...	5.941	5.117	302.8E6	1929.0E6	53.020	49.102
11)	B alpha-Chl...	6.020	5.182	312.9E6	1842.2E6	54.309m	48.909
12)	B 4,4'-DDE	6.190	5.366	273.5E6	1893.6E6	52.526	49.468
13)	MA Dieldrin	6.342	5.504	306.7E6	1925.1E6	53.198	49.430
14)	MA Endrin	6.568	5.781	268.9E6	1826.4E6	54.953	50.972
15)	B Endosulfa...	6.780	6.072	258.4E6	1645.0E6	52.977m	48.741
16)	A 4,4'-DDD	6.700	5.921	231.3E6	1564.9E6	56.443	48.257
17)	MA 4,4'-DDT	7.016	6.175	243.8E6	1679.2E6	54.756	48.845
18)	B Endrin al...	6.910	6.250	197.4E6	1227.5E6	57.542	52.132
19)	B Endosulfa...	7.145	6.474	242.4E6	1595.4E6	52.686	48.803
20)	A Methoxychlor	7.488	6.745	124.8E6	855.8E6	52.974	49.184
21)	B Endrin ke...	7.626	6.983	257.9E6	1628.3E6	52.137	45.101
22)	Mirex	8.108	7.176	169.1E6	1153.3E6	45.635	41.777

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 17:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

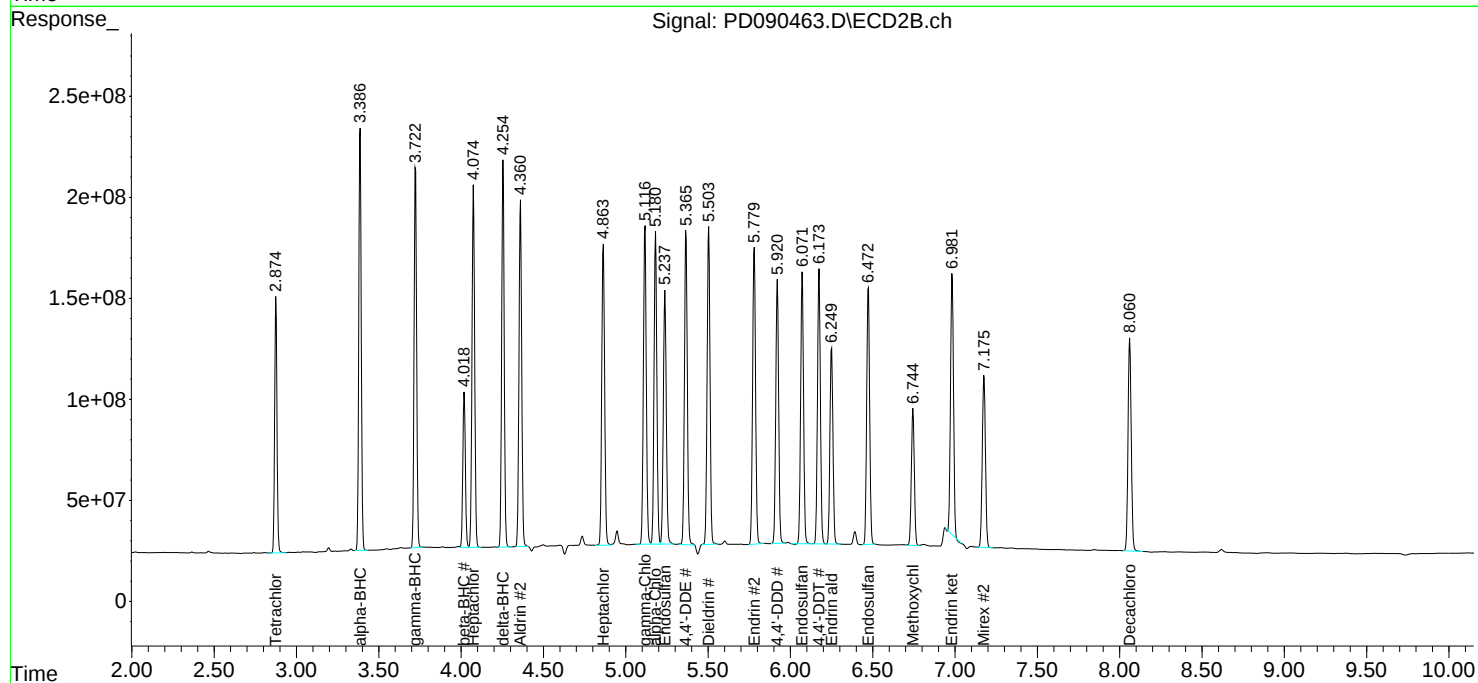
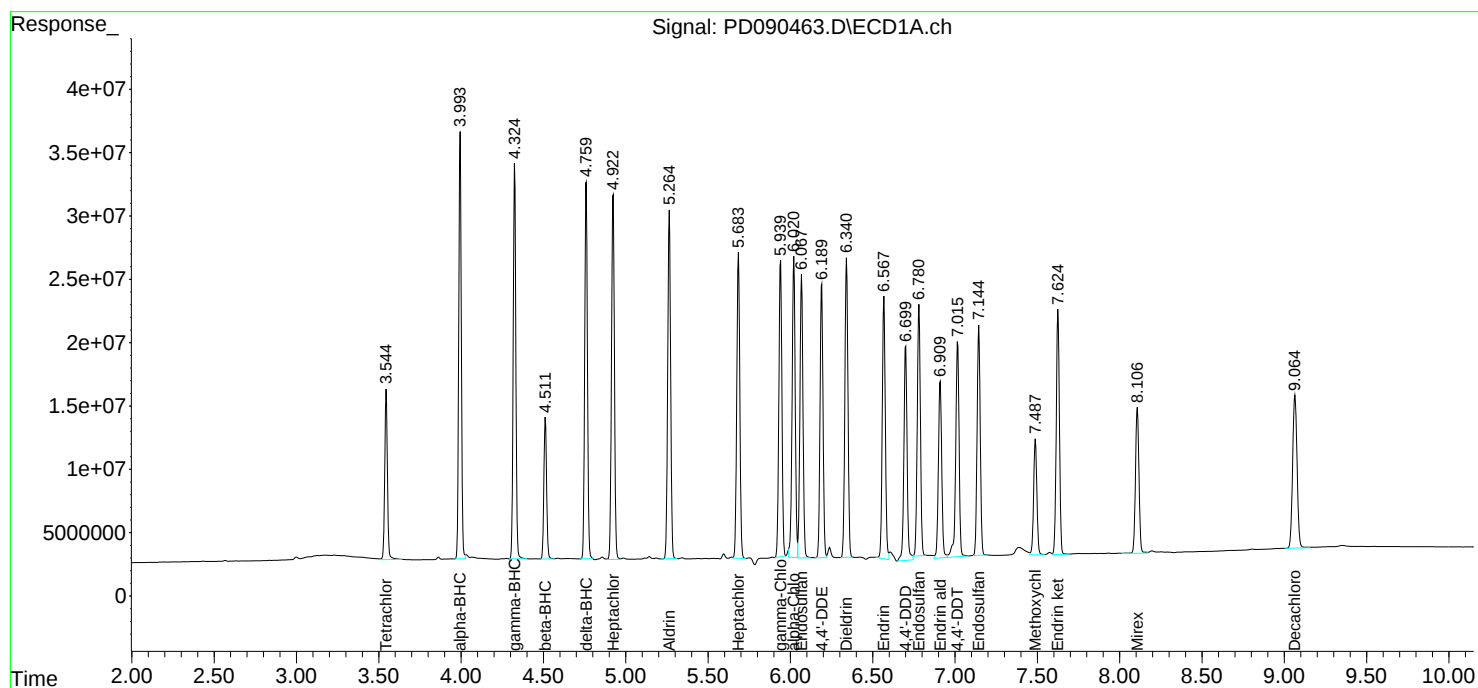
APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:03

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	16.390	20.000	-18.1
Tetrachloro-m-xylene	3.546	3.500	3.600	16.190	20.000	-19.1
alpha-BHC	3.995	3.940	4.050	7.010	10.000	-29.9
beta-BHC	4.512	4.460	4.560	7.900	10.000	-21.0
gamma-BHC (Lindane)	4.325	4.270	4.380	7.190	10.000	-28.1
Endrin	6.569	6.500	6.640	38.000	50.000	-24.0
4,4'-DDT	7.016	6.950	7.090	74.700	100.000	-25.3
Methoxychlor	7.489	7.420	7.560	174.520	250.000	-30.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:03

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.063	7.960	8.160	15.820	20.000	-20.9
Tetrachloro-m-xylene	2.876	2.830	2.930	15.940	20.000	-20.3
alpha-BHC	3.388	3.340	3.440	8.280	10.000	-17.2
beta-BHC	4.020	3.970	4.070	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.724	3.670	3.770	8.260	10.000	-17.4
Endrin	5.782	5.710	5.850	37.930	50.000	-24.1
4,4'-DDT	6.176	6.110	6.250	73.820	100.000	-26.2
Methoxychlor	6.746	6.680	6.820	155.590	250.000	-37.8

PEM
 Data File: PD090328.D Date Acquired 9/18/2025 10:03
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	185982244.3	190943546	4961301.7	2.60
Endrin aldehyde	6.91	866602.768			
Endrin ketone	7.63	4094698.937			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1358982336	1403287997	44305661	3.16
Endrin aldehyde #2	6.25	15992666.68			
Endrin ketone #2	6.98	28312994.3			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	332607789.5	335744897.9	3137108.44	0.93
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3137108.439			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.18	2537873822	2570934646	33060823.6	1.29
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	33060823.6			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
 Data File : PD090328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 10:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2025
 Supervised By : mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:54:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	52614883	437.5E6	16.187	15.938
28)	SA Decachlor...	9.066	8.063	79104389	512.8E6	16.395	15.820
Target Compounds							
2)	A alpha-BHC	3.995	3.388	48940172	362.6E6	7.007	8.282
3)	MA gamma-BHC...	4.325	3.724	47568494	336.3E6	7.189	8.255
6)	B beta-BHC	4.512	4.020	20379483	146.1E6	7.899	8.429
14)	MA Endrin	6.569	5.782	186.0E6	1359.0E6	38.003	37.926
16)	A 4,4'-DDD	6.699	5.923	3137108	33060824	0.766m	1.020 #
17)	MA 4,4'-DDT	7.016	6.176	332.6E6	2537.9E6	74.702	73.820
18)	B Endrin al...	6.909	6.249	866603	15992667	0.253m	0.679 #
20)	A Methoxychlor	7.489	6.746	411.3E6	2707.3E6	174.521	155.591
21)	B Endrin ke...	7.626	6.983	4094699	28312994	0.828	0.784

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

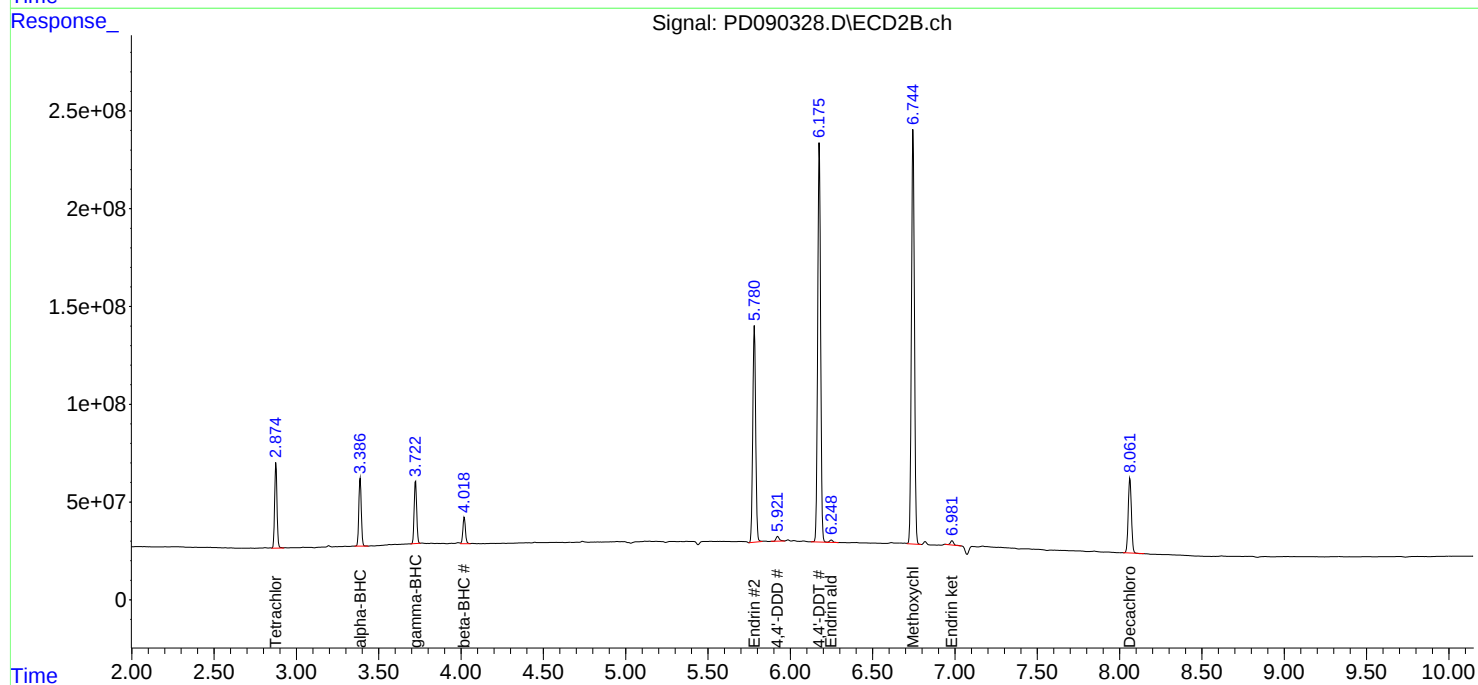
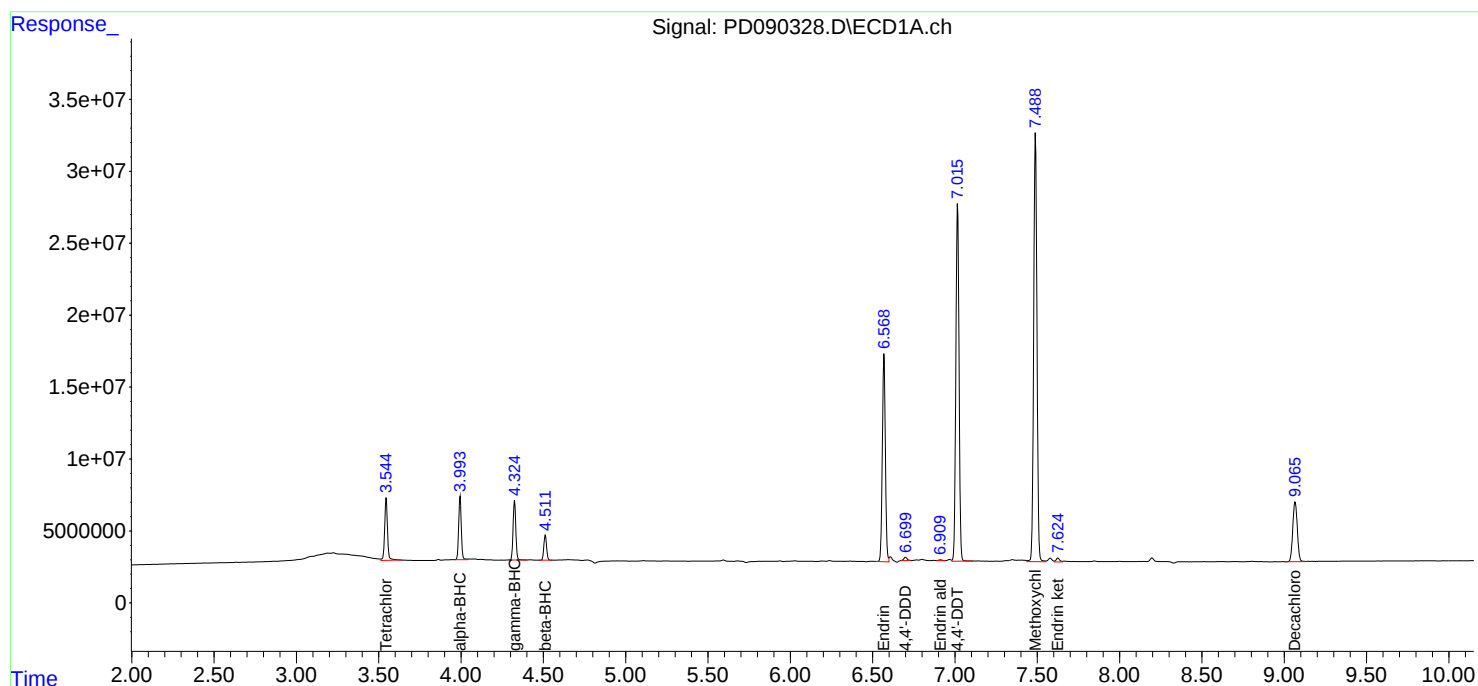
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090432.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.960	9.160	18.840	20.000	-5.8
Tetrachloro-m-xylene	3.545	3.490	3.600	19.130	20.000	-4.4
alpha-BHC	3.994	3.940	4.040	8.430	10.000	-15.7
beta-BHC	4.512	4.460	4.560	9.360	10.000	-6.4
gamma-BHC (Lindane)	4.324	4.270	4.370	8.540	10.000	-14.6
Endrin	6.568	6.500	6.640	49.000	50.000	-2.0
4,4'-DDT	7.015	6.940	7.090	98.920	100.000	-1.1
Methoxychlor	7.487	7.420	7.560	228.680	250.000	-8.5

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090432.D Date Analyzed: 09/29/2025

Lab Sample No.(PEM): PEM Time Analyzed: 19:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	18.540	20.000	-7.3
Tetrachloro-m-xylene	2.875	2.820	2.930	18.780	20.000	-6.1
alpha-BHC	3.387	3.340	3.440	9.760	10.000	-2.4
beta-BHC	4.019	3.970	4.070	9.820	10.000	-1.8
gamma-BHC (Lindane)	3.723	3.670	3.770	9.820	10.000	-1.8
Endrin	5.781	5.710	5.850	46.210	50.000	-7.6
4,4'-DDT	6.174	6.100	6.240	89.980	100.000	-10.0
Methoxychlor	6.745	6.670	6.820	190.510	250.000	-23.8

PEM
 Data File: PD090432.D Date Acquired 9/29/2025 19:40
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	239787681.1	242268677.8	2480996.65	Down 1.02
Endrin aldehyde	6.92	830379.837			
Endrin ketone	7.62	1650616.816			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1655763559	1684037024	28273464.1	1.68
Endrin aldehyde #2	6.25	13089471.16			
Endrin ketone #2	6.98	15183992.92			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	440416694.4	441359208.1	942513.73	0.21
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	942513.73			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3093499847	3104965953	11466106.2	0.37
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	11466106.22			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	62184378	515.4E6	19.131	18.776
28)	SA Decachlor...	9.063	8.062	90898798	601.0E6	18.839	18.542
Target Compounds							
2)	A alpha-BHC	3.994	3.387	58897576	427.5E6	8.433	9.765
3)	MA gamma-BHC...	4.324	3.723	56519854	400.2E6	8.542	9.824
6)	B beta-BHC	4.512	4.019	24143810	170.3E6	9.358	9.821
14)	MA Endrin	6.568	5.781	239.8E6	1655.8E6	48.997	46.209
16)	A 4,4'-DDD	6.701	5.924	942514	11466106	0.230m	0.354m#
17)	MA 4,4'-DDT	7.015	6.174	440.4E6	3093.5E6	98.915	89.982
18)	B Endrin al...	6.920	6.247	830380	13089471	0.242m	0.556 #
20)	A Methoxychlor	7.487	6.745	538.9E6	3314.9E6	228.685	190.506
21)	B Endrin ke...	7.623	6.981	1650617	15183993	0.334m	0.421m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

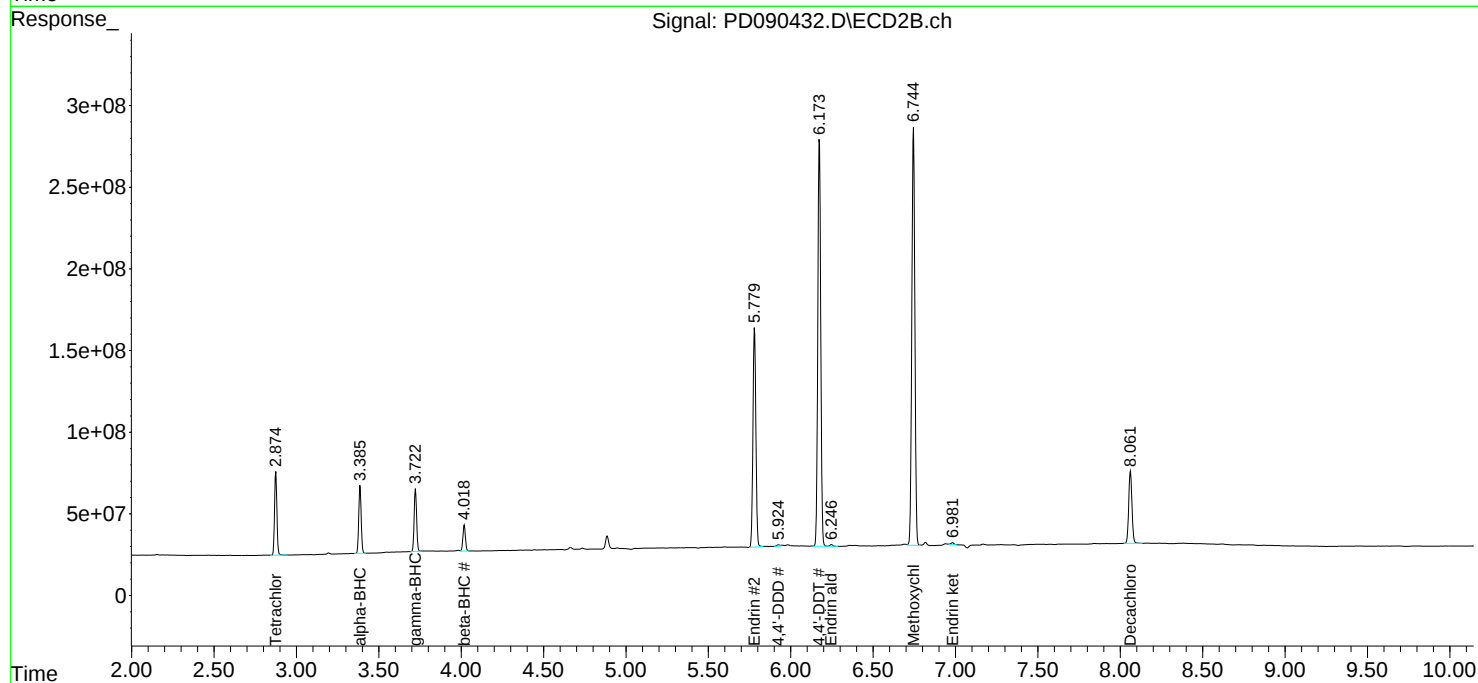
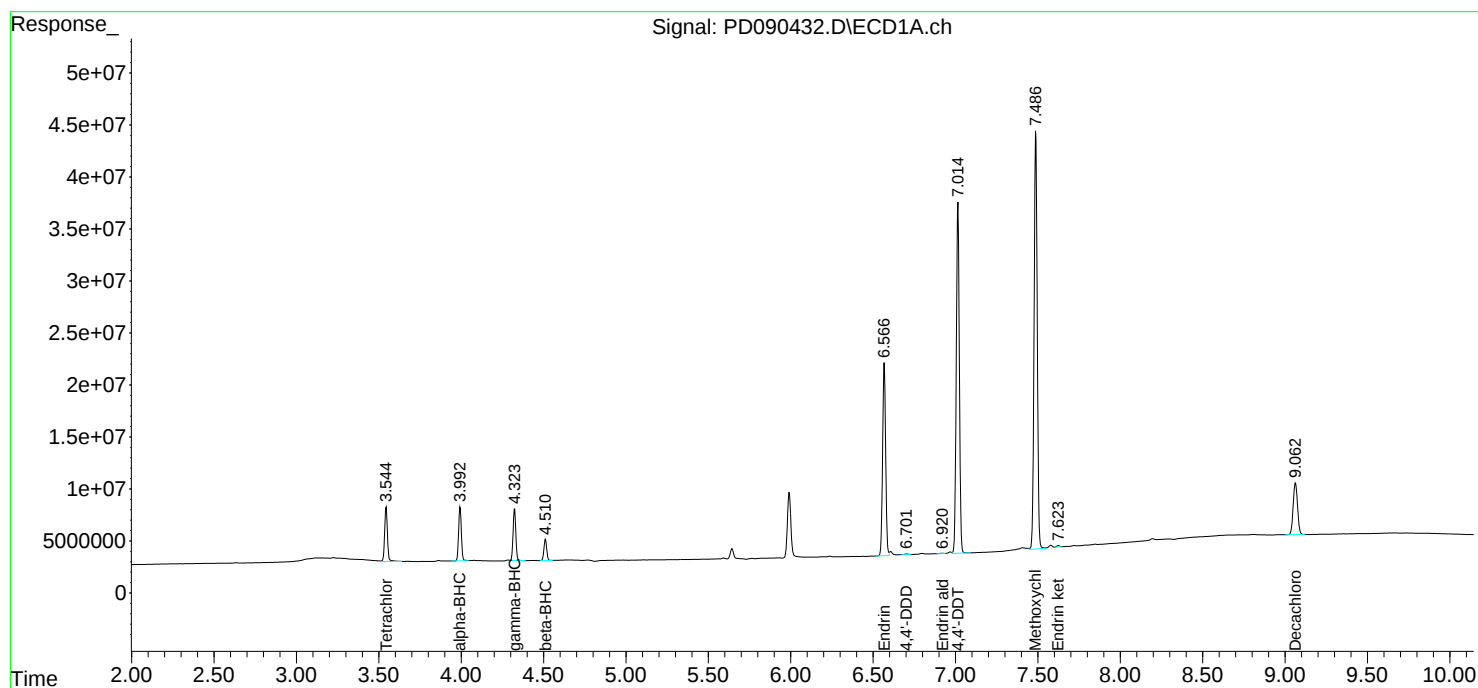
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090448.D Date Analyzed: 09/30/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.065	8.960	9.170	20.790	20.000	4.0
Tetrachloro-m-xylene	3.545	3.490	3.600	19.350	20.000	-3.3
alpha-BHC	3.993	3.940	4.040	8.550	10.000	-14.5
beta-BHC	4.512	4.460	4.560	9.680	10.000	-3.2
gamma-BHC (Lindane)	4.325	4.270	4.380	8.960	10.000	-10.4
Endrin	6.569	6.500	6.640	51.240	50.000	2.5
4,4'-DDT	7.016	6.950	7.090	103.730	100.000	3.7
Methoxychlor	7.489	7.420	7.560	239.570	250.000	-4.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090448.D Date Analyzed: 09/30/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.061	7.960	8.160	20.370	20.000	1.9
Tetrachloro-m-xylene	2.875	2.820	2.930	19.200	20.000	-4.0
alpha-BHC	3.386	3.340	3.440	10.040	10.000	0.4
beta-BHC	4.018	3.970	4.070	10.160	10.000	1.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.110	10.000	1.1
Endrin	5.780	5.710	5.850	47.870	50.000	-4.3
4,4'-DDT	6.174	6.100	6.240	93.910	100.000	-6.1
Methoxychlor	6.744	6.670	6.810	195.370	250.000	-21.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 10:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 13:16:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	62882545	527.1E6	19.346	19.203
28)	SA Decachlor...	9.065	8.061	100.3E6	660.2E6	20.789	20.368
Target Compounds							
2)	A alpha-BHC	3.993	3.386	59725870	439.8E6	8.551m	10.045
3)	MA gamma-BHC...	4.325	3.723	59266317	411.8E6	8.957	10.109
6)	B beta-BHC	4.512	4.018	24976304	176.2E6	9.681	10.163
14)	MA Endrin	6.569	5.780	250.8E6	1715.4E6	51.241	47.873
16)	A 4,4'-DDD	6.699	5.922	1636163	19462837	0.399m	0.600 #
17)	MA 4,4'-DDT	7.016	6.174	461.9E6	3228.5E6	103.734	93.910
18)	B Endrin al...	6.912	6.247	636158	14580434	0.185m	0.619 #
20)	A Methoxychlor	7.489	6.744	564.5E6	3399.4E6	239.566	195.366
21)	B Endrin ke...	7.625	6.979	2795525	24600552	0.565	0.681m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 10:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

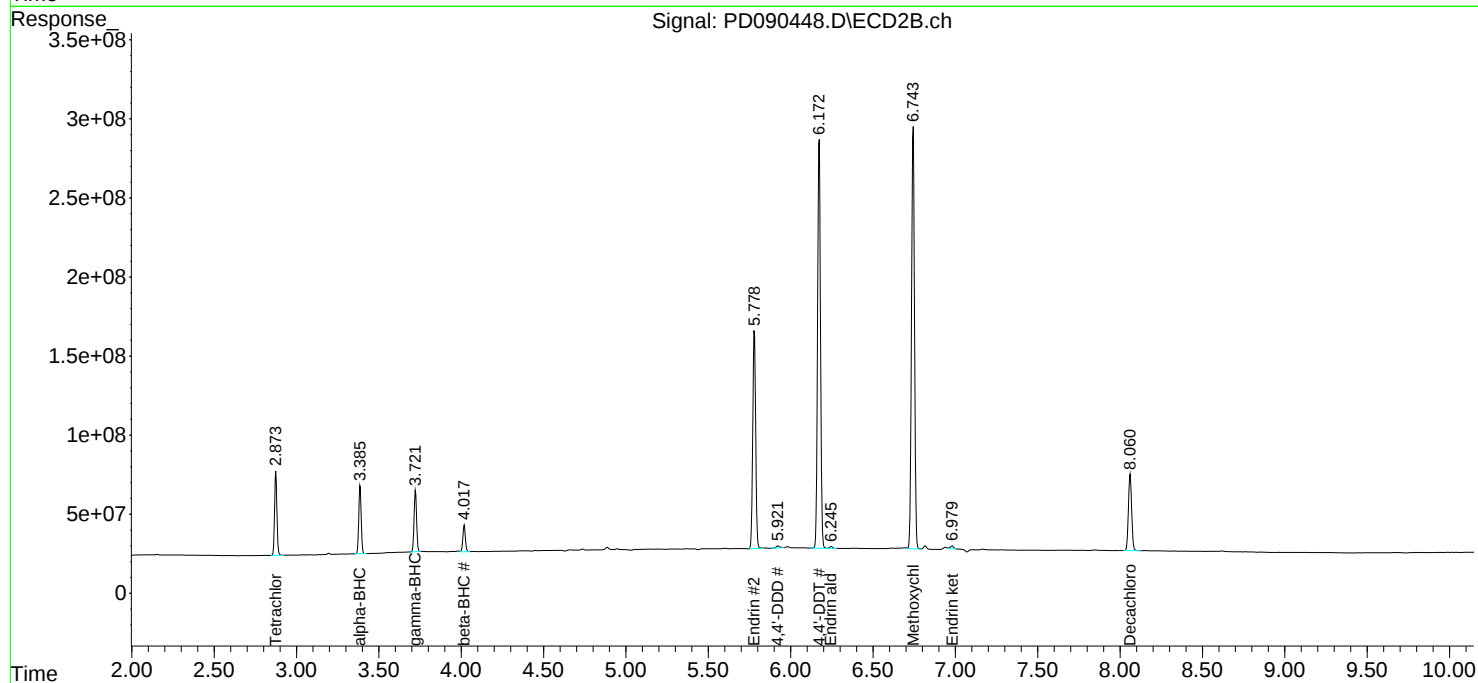
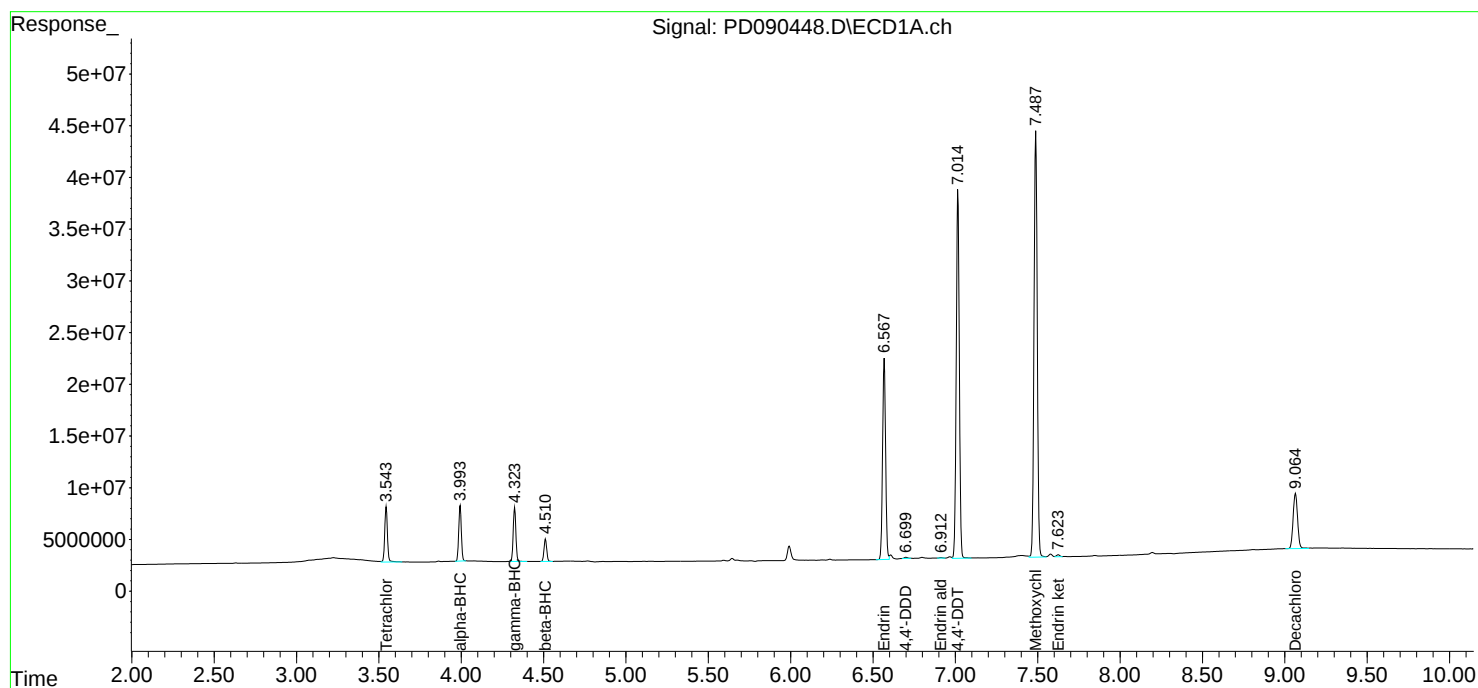
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 13:16:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: ENTACT	SDG No.: Q3181
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	09/18/2025	09:49	PD090327.D	9.07	3.55
PEM	PEM	09/18/2025	10:03	PD090328.D	9.07	3.55
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	9.07	3.55
PSTDICC100	PSTDICC100	09/18/2025	10:30	PD090330.D	9.07	3.55
PSTDICC075	PSTDICC075	09/18/2025	10:43	PD090331.D	9.07	3.55
PSTDICC050	PSTDICC050	09/18/2025	10:57	PD090332.D	9.07	3.55
PSTDICC025	PSTDICC025	09/18/2025	11:11	PD090333.D	9.07	3.55
PSTDICC005	PSTDICC005	09/18/2025	11:24	PD090334.D	9.07	3.55
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	9.07	3.55
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	9.07	3.55
LBLK	LBLK	09/29/2025	19:27	PD090431.D	9.06	3.55
PEM	PEM	09/29/2025	19:40	PD090432.D	9.06	3.55
PSTDCCC050	PSTDCCC050	09/29/2025	19:54	PD090433.D	9.06	3.55
PB169874BL	PB169874BL	09/29/2025	20:35	PD090434.D	9.06	3.55
PB169840TB	PB169840TB	09/29/2025	21:02	PD090436.D	9.06	3.55
WC-A3-01-C	Q3181-03	09/29/2025	21:16	PD090437.D	9.06	3.55
WC-A3-01-CMS	Q3181-03MS	09/29/2025	21:30	PD090438.D	9.06	3.55
WC-A3-01-CMSD	Q3181-03MSD	09/29/2025	21:43	PD090439.D	9.06	3.55
WC-A3-02-C	Q3181-07	09/29/2025	21:57	PD090440.D	9.06	3.55
WC-A3-03-C	Q3181-11	09/29/2025	22:11	PD090441.D	9.06	3.55
LBLK	LBLK	09/29/2025	22:52	PD090444.D	9.06	3.55
PSTDCCC050	PSTDCCC050	09/29/2025	23:19	PD090445.D	9.06	3.55
LBLK	LBLK	09/30/2025	10:06	PD090447.D	9.07	3.55
PEM	PEM	09/30/2025	10:19	PD090448.D	9.07	3.55
PSTDCCC050	PSTDCCC050	09/30/2025	11:00	PD090449.D	9.07	3.55
PB169874BS	PB169874BS	09/30/2025	16:39	PD090461.D	9.07	3.55
LBLK	LBLK	09/30/2025	16:55	PD090462.D	9.07	3.55
PSTDCCC050	PSTDCCC050	09/30/2025	17:09	PD090463.D	9.07	3.55

Analytical Sequence

Client: ENTACT

SDG No.: Q3181

Project: 540 Degraw St, Brooklyn, NY - E9309

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	09:49	PD090327.D	8.06	2.88
PEM	PEM	09/18/2025	10:03	PD090328.D	8.06	2.88
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	8.06	2.88
PSTDICCC100	PSTDICCC100	09/18/2025	10:30	PD090330.D	8.06	2.88
PSTDICCC075	PSTDICCC075	09/18/2025	10:43	PD090331.D	8.06	2.88
PSTDICCC050	PSTDICCC050	09/18/2025	10:57	PD090332.D	8.06	2.88
PSTDICCC025	PSTDICCC025	09/18/2025	11:11	PD090333.D	8.06	2.88
PSTDICCC005	PSTDICCC005	09/18/2025	11:24	PD090334.D	8.06	2.88
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	8.06	2.88
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	8.06	2.88
IBLK	IBLK	09/29/2025	19:27	PD090431.D	8.06	2.88
PEM	PEM	09/29/2025	19:40	PD090432.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/29/2025	19:54	PD090433.D	8.06	2.88
PB169874BL	PB169874BL	09/29/2025	20:35	PD090434.D	8.06	2.88
PB169840TB	PB169840TB	09/29/2025	21:02	PD090436.D	8.06	2.88
WC-A3-01-C	Q3181-03	09/29/2025	21:16	PD090437.D	8.06	2.88
WC-A3-01-CMS	Q3181-03MS	09/29/2025	21:30	PD090438.D	8.06	2.87
WC-A3-01-CMSD	Q3181-03MSD	09/29/2025	21:43	PD090439.D	8.06	2.87
WC-A3-02-C	Q3181-07	09/29/2025	21:57	PD090440.D	8.06	2.87
WC-A3-03-C	Q3181-11	09/29/2025	22:11	PD090441.D	8.06	2.87
IBLK	IBLK	09/29/2025	22:52	PD090444.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/29/2025	23:19	PD090445.D	8.06	2.88
IBLK	IBLK	09/30/2025	10:06	PD090447.D	8.06	2.87
PEM	PEM	09/30/2025	10:19	PD090448.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/30/2025	11:00	PD090449.D	8.06	2.87
PB169874BS	PB169874BS	09/30/2025	16:39	PD090461.D	8.06	2.88
IBLK	IBLK	09/30/2025	16:55	PD090462.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/30/2025	17:09	PD090463.D	8.06	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169874BS

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Lab Sample ID: PB169874BS

Date(s) Analyzed: 09/30/2025 09/30/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	0.53	10.1
	2	6.75	6.70	6.80	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.51	5.3
	2	3.72	3.67	3.77	0.48	
Heptachlor	1	4.92	4.87	4.97	0.52	6.1
	2	4.08	4.03	4.13	0.49	
Heptachlor epoxide	1	5.69	5.64	5.74	0.52	5.8
	2	4.87	4.82	4.92	0.49	
Endrin	1	6.57	6.52	6.62	0.53	5.7
	2	5.78	5.73	5.83	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A3-01-CMS

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Lab Sample ID: Q3181-03MS

Date(s) Analyzed: 09/29/2025 09/29/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	3.90	2.6
	2	6.75	6.70	6.80	3.80	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	3.70	2.7
	2	3.72	3.67	3.77	3.60	
Heptachlor	1	4.92	4.87	4.97	3.70	2.7
	2	4.08	4.03	4.13	3.60	
Heptachlor epoxide	1	5.68	5.63	5.73	3.80	2.7
	2	4.87	4.82	4.92	3.70	
Endrin	1	6.57	6.52	6.62	3.90	5.3
	2	5.78	5.73	5.83	3.70	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A3-01-CMSD

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Lab Sample ID: Q3181-03MSD

Date(s) Analyzed: 09/29/2025 09/29/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	3.80	2.7
	2	6.75	6.70	6.80	3.70	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	3.70	5.6
	2	3.72	3.67	3.77	3.50	
Heptachlor	1	4.92	4.87	4.97	3.70	2.7
	2	4.08	4.03	4.13	3.60	
Heptachlor epoxide	1	5.68	5.63	5.73	3.60	10.5
	2	4.87	4.82	4.92	4.00	
Endrin	1	6.57	6.52	6.62	3.90	5.3
	2	5.78	5.73	5.83	3.70	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169874BL	SDG No.:	Q3181
Lab Sample ID:	PB169874BL	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090434.D	1	09/26/25 11:40	09/29/25 20:35	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.5		30 (57) - 150 (171)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		30 (61) - 150 (148)	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 20:35
Operator : AR\AJ
Sample : PB169874BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169874BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.876	64425187	545.1E6	19.820	19.858
28)	SA Decachlor...	9.063	8.061	98762208	647.6E6	20.469	19.979

Target Compounds

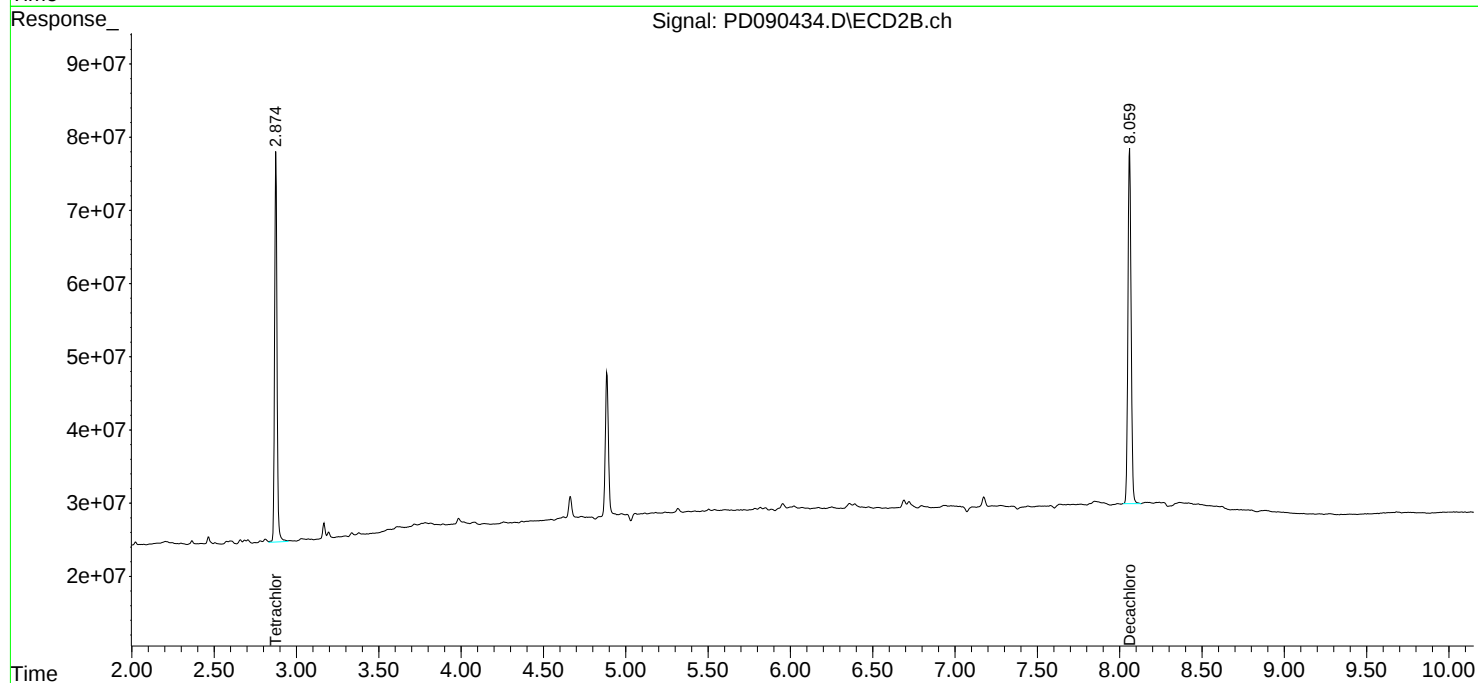
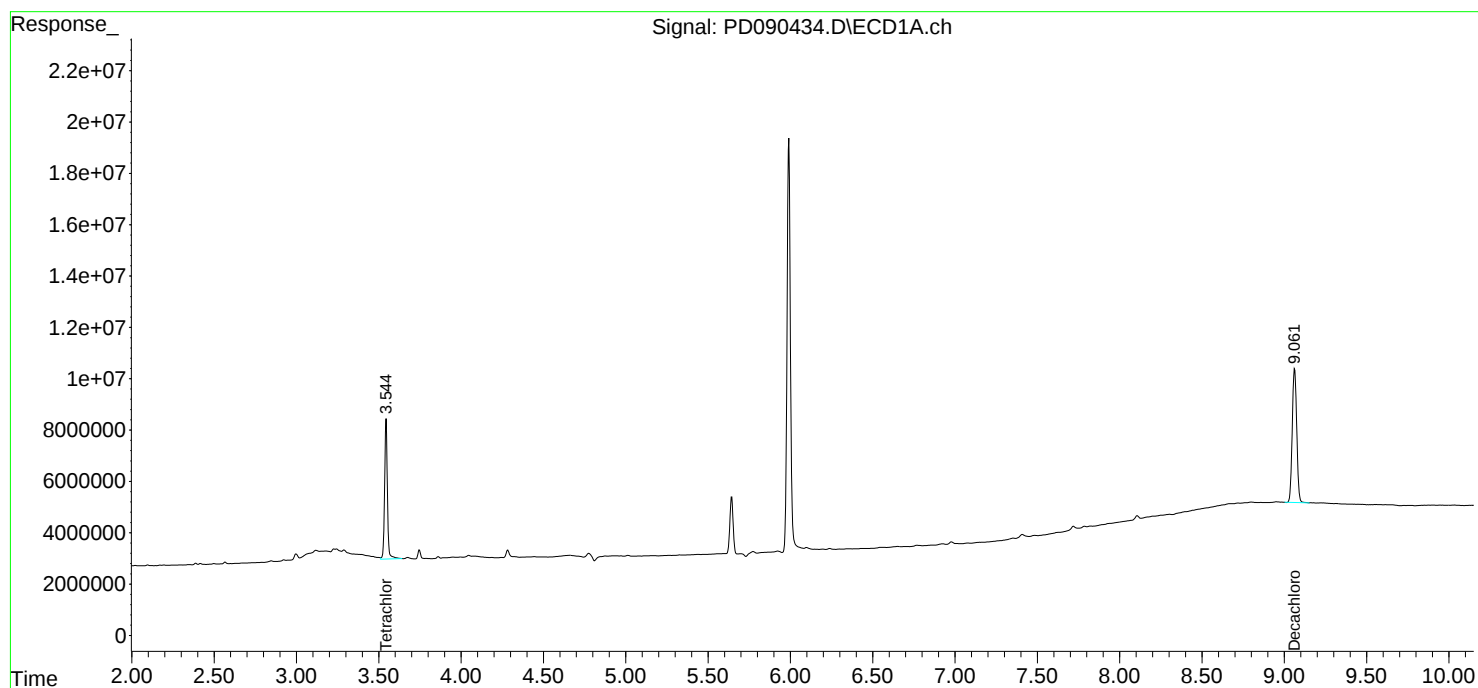
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

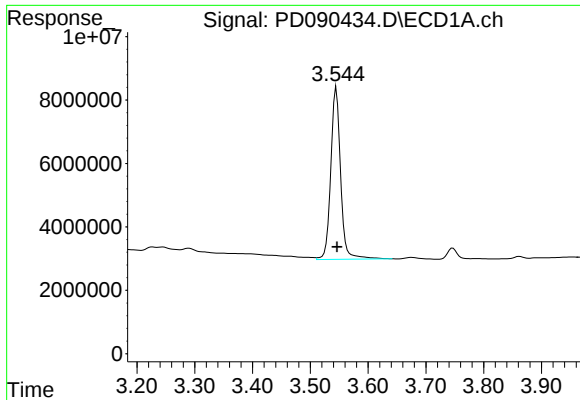
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 20:35
Operator : AR\AJ
Sample : PB169874BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169874BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

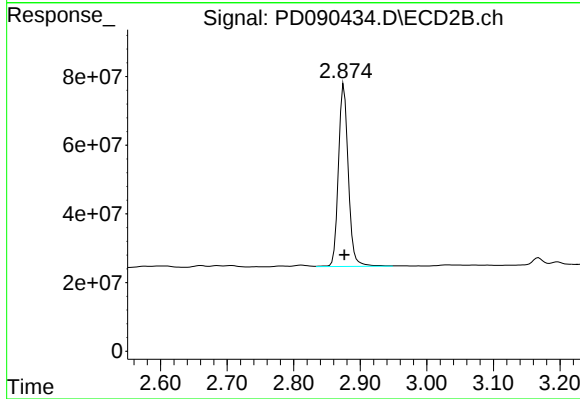




#1 Tetrachloro-m-xylene

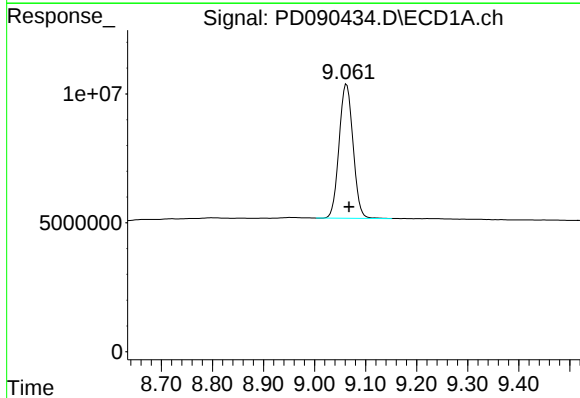
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 64425187
Conc: 19.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169874BL



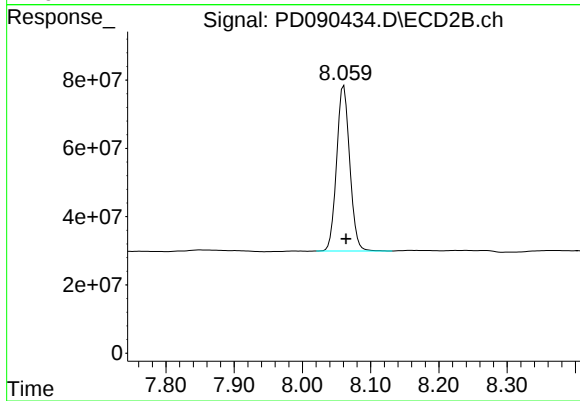
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 545107541
Conc: 19.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 98762208
Conc: 20.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 647625477
Conc: 19.98 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/18/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/18/25
Client Sample ID:	PIBLK-PD090327.D	SDG No.:	Q3181
Lab Sample ID:	I.BLK-PD090327.D	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090327.D	1		09/18/25	pd091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		30 (57) - 150 (171)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		30 (61) - 150 (148)	85%	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_D\Data\PD091825\
 Data File : PD090327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 09:49
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 05:53:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	53680424	464.5E6	16.515	16.922
28)	SA Decachlor...	9.067	8.063	84762935	556.2E6	17.567	17.160

Target Compounds

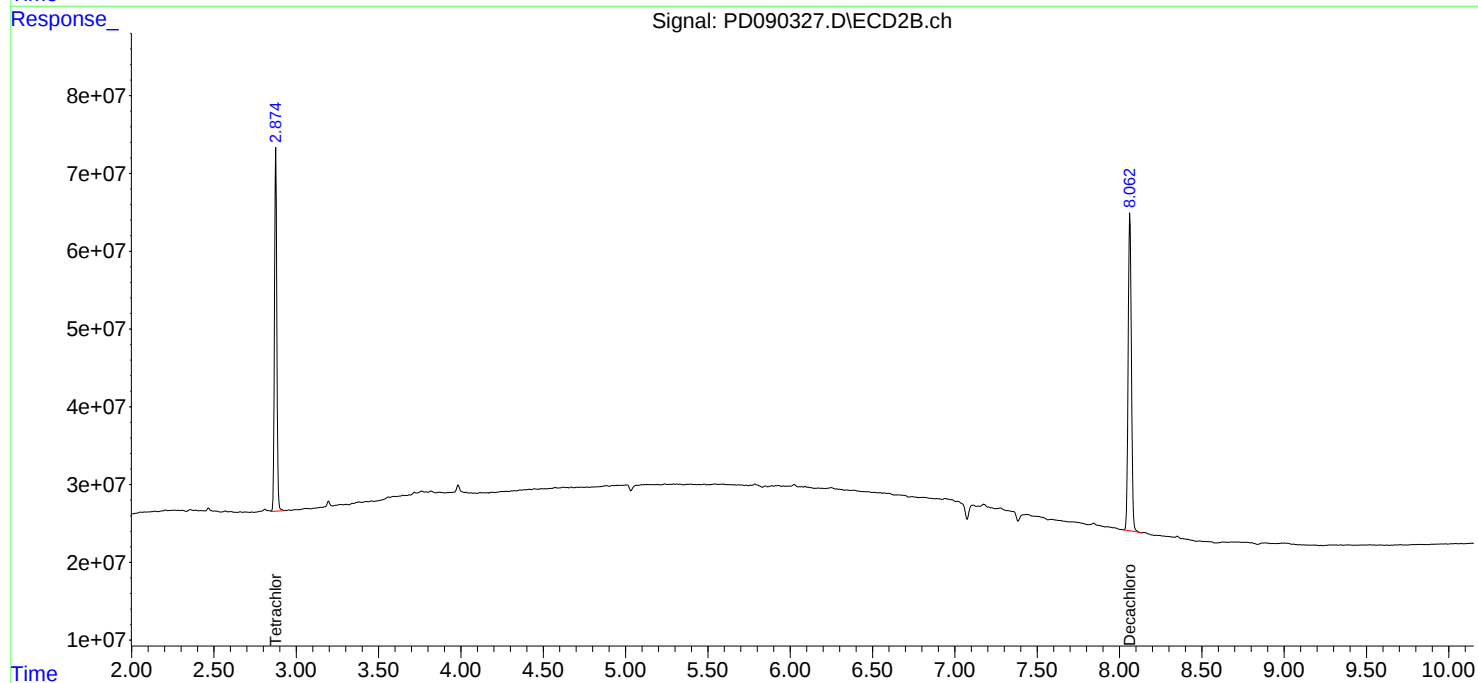
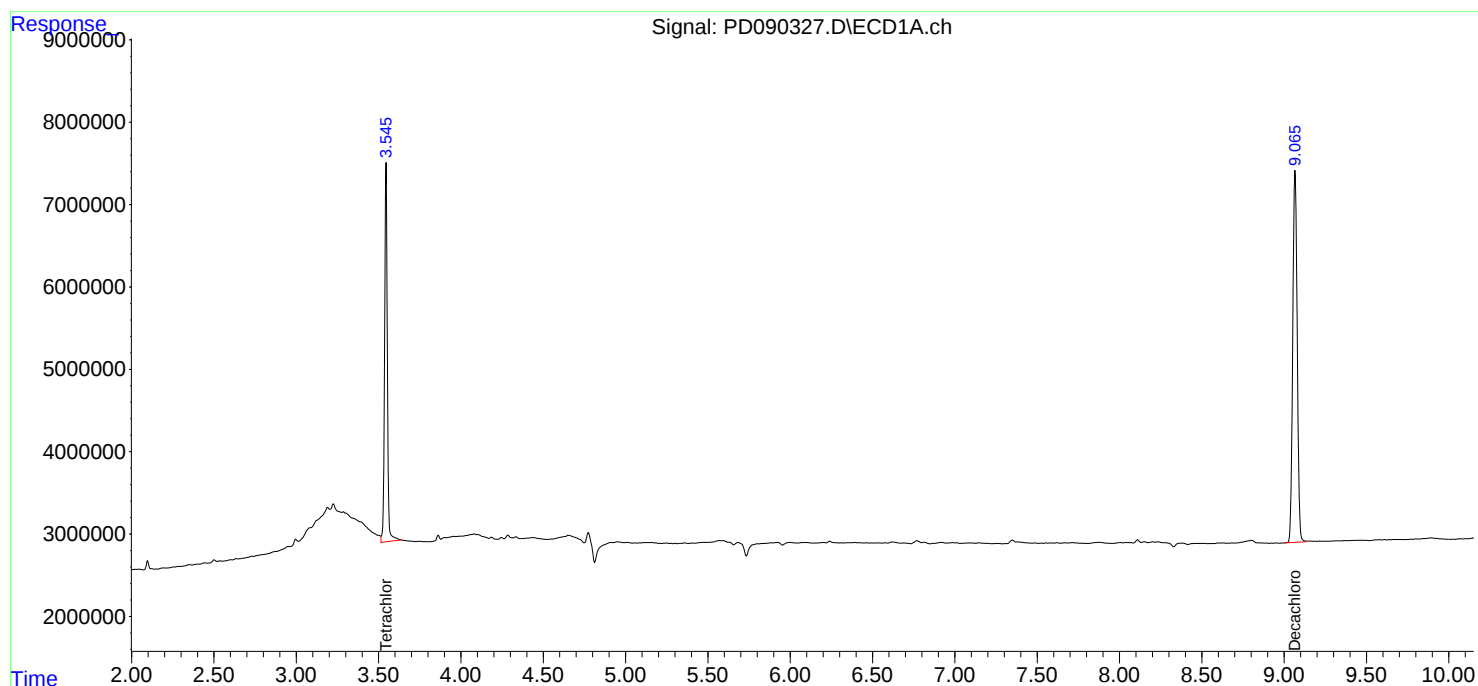
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

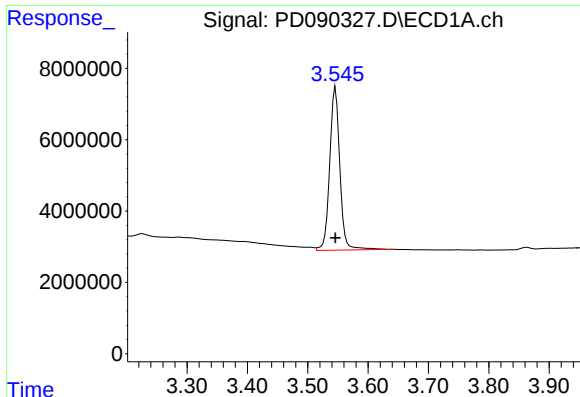
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 09:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:53:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

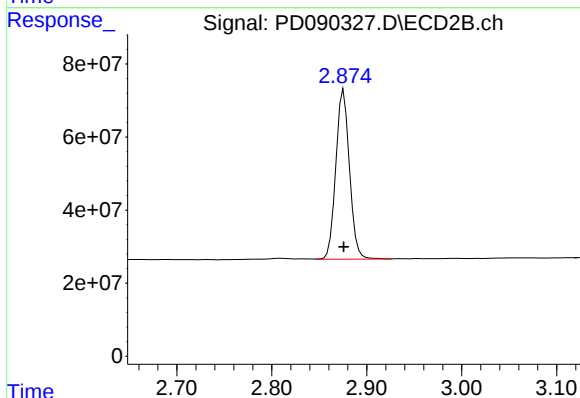




#1 Tetrachloro-m-xylene

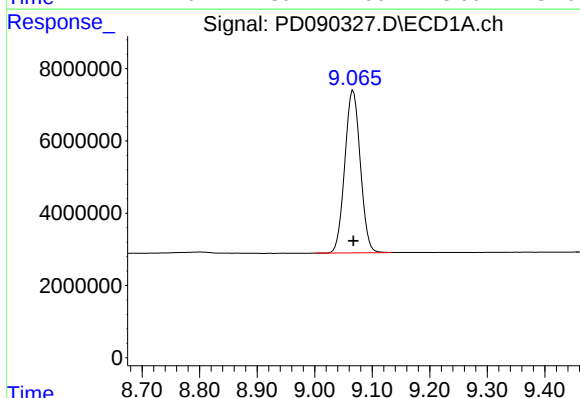
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 53680424
Conc: 16.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



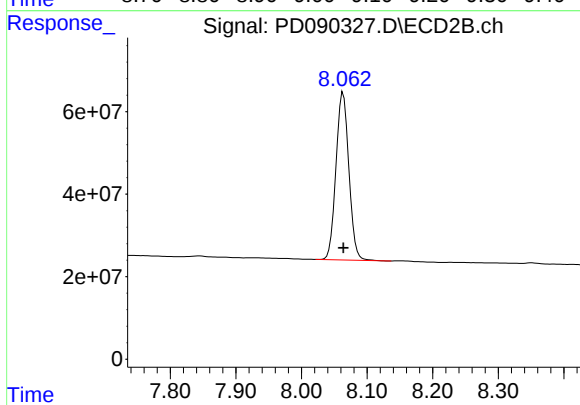
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 464498064
Conc: 16.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 84762935
Conc: 17.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 556238349
Conc: 17.16 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/29/25
Client Sample ID:	PIBLK-PD090431.D	SDG No.:	Q3181
Lab Sample ID:	I.BLK-PD090431.D	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090431.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.8		30 (57) - 150 (171)	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (61) - 150 (148)	100%	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_D\Data\PD092925\
Data File : PD090431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:27
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	65216450	541.1E6	20.064	19.713
28)	SA Decachlor...	9.063	8.062	95312344	619.8E6	19.754	19.120

Target Compounds

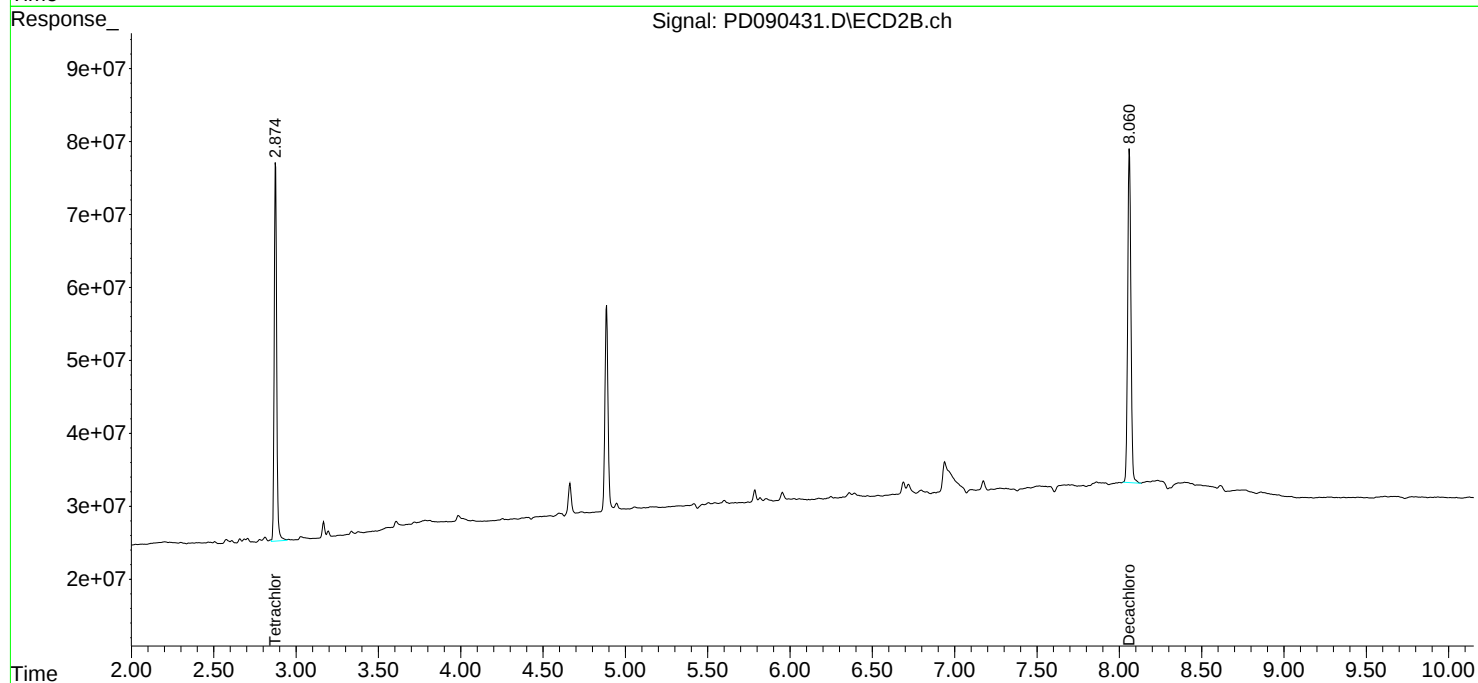
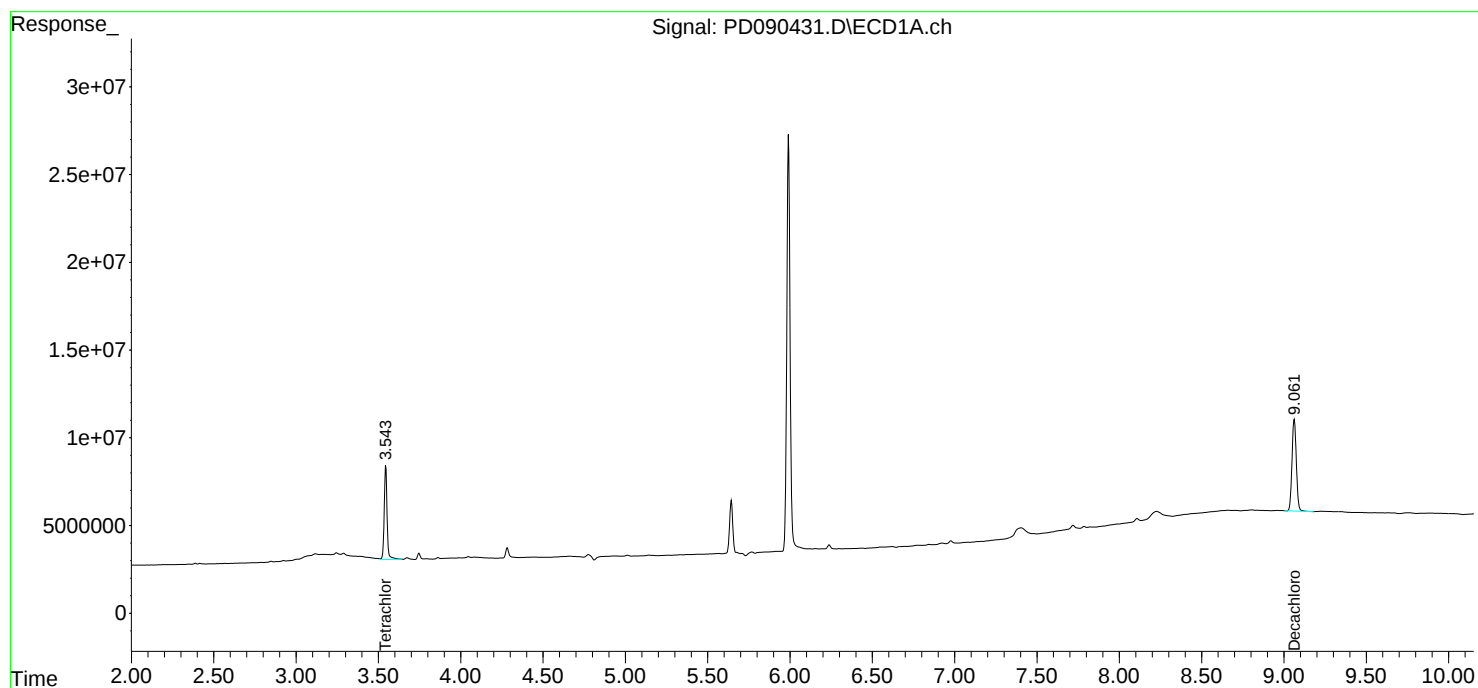
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

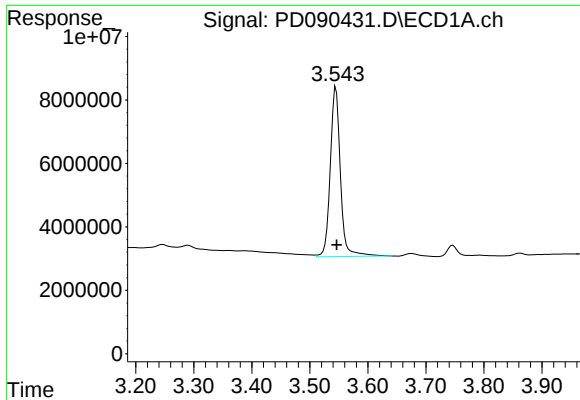
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:27
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

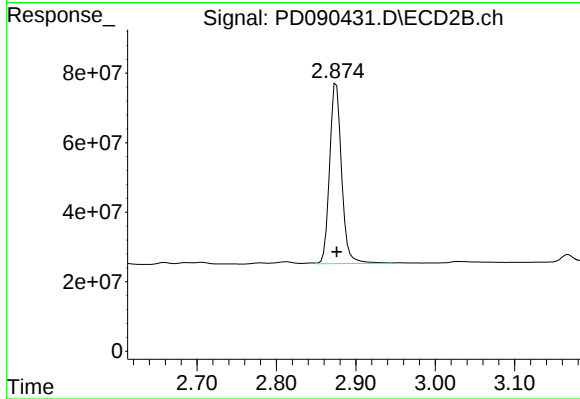




#1 Tetrachloro-m-xylene

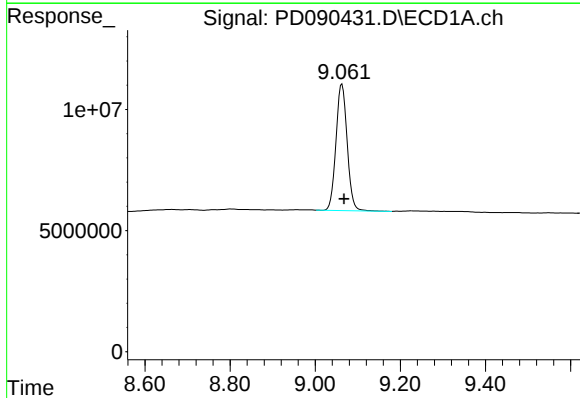
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 65216450
Conc: 20.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



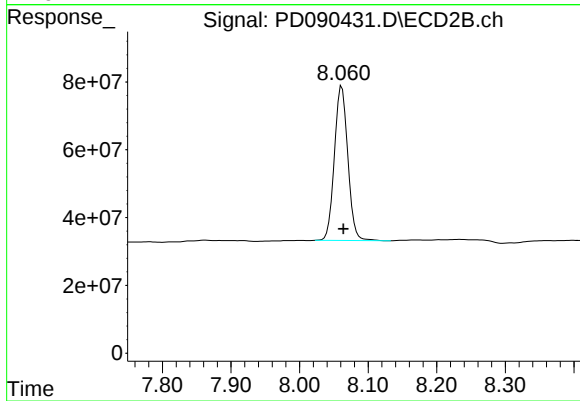
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 541114963
Conc: 19.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 95312344
Conc: 19.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 619783061
Conc: 19.12 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/29/25
Client Sample ID:	PIBLK-PD090444.D	SDG No.:	Q3181
Lab Sample ID:	I.BLK-PD090444.D	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090444.D	1		09/29/25	pd092925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		30 (57) - 150 (171)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		30 (61) - 150 (148)	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 22:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.875	62857781	534.2E6	19.338	19.461
28)	SA Decachlor...	9.063	8.061	101.3E6	651.3E6	20.992	20.091

Target Compounds

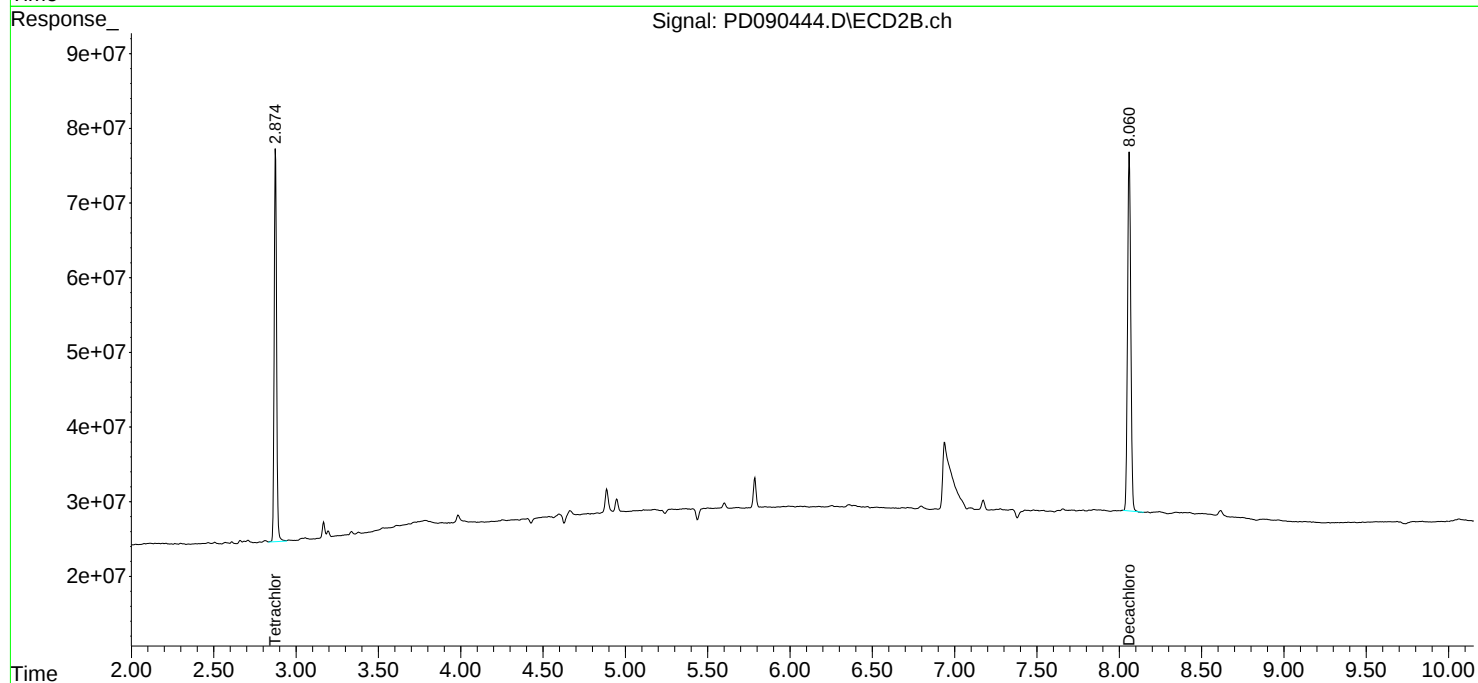
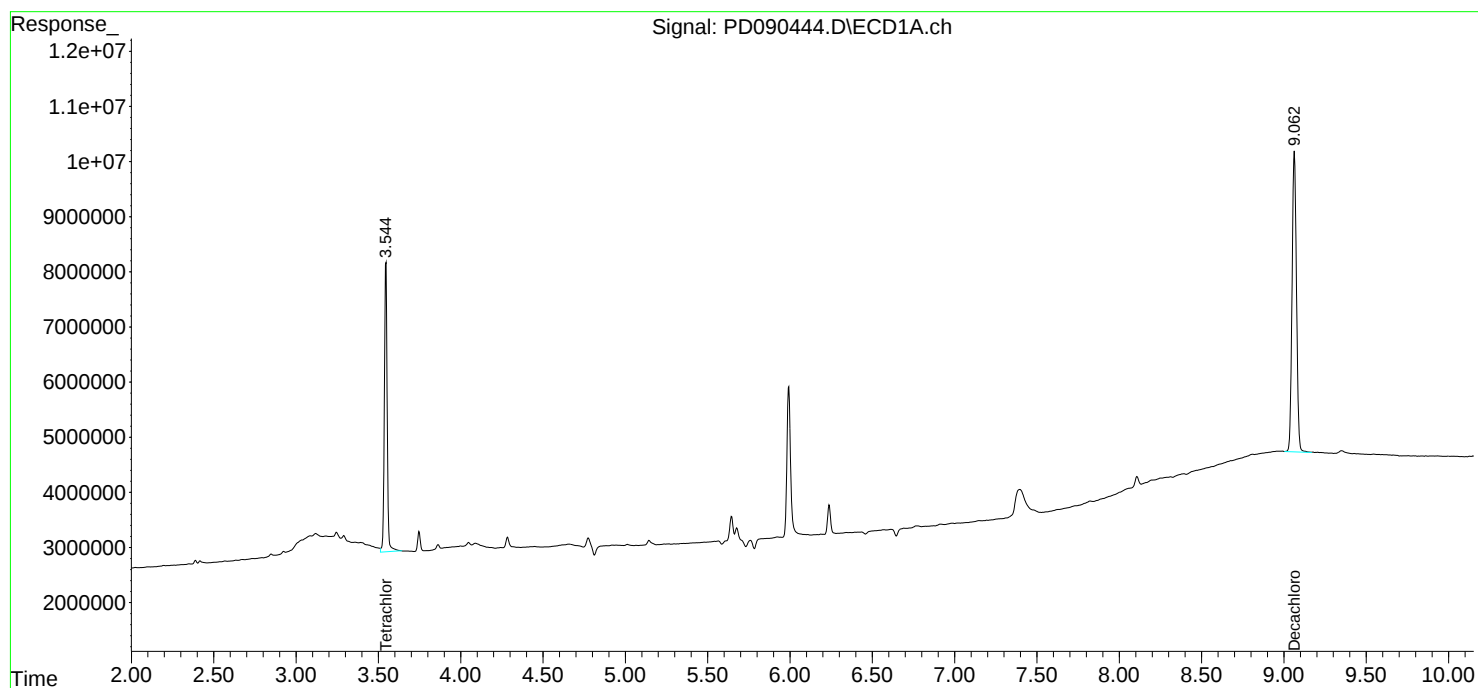
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

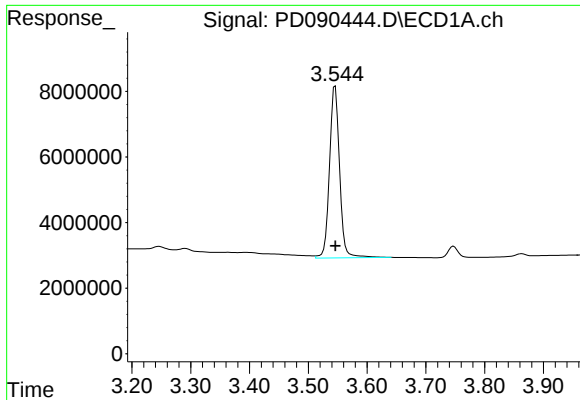
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 22:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

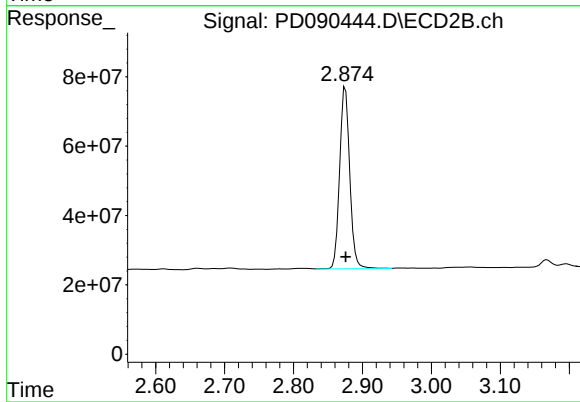




#1 Tetrachloro-m-xylene

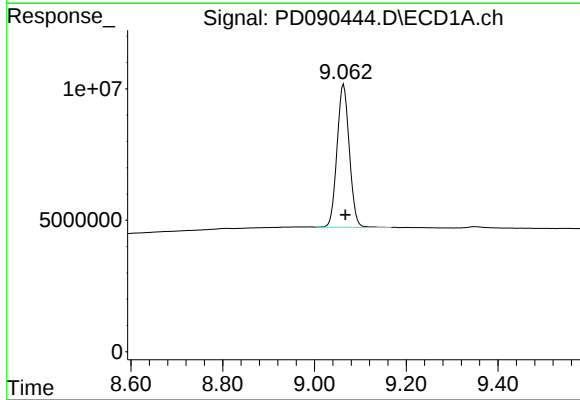
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 62857781
Conc: 19.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



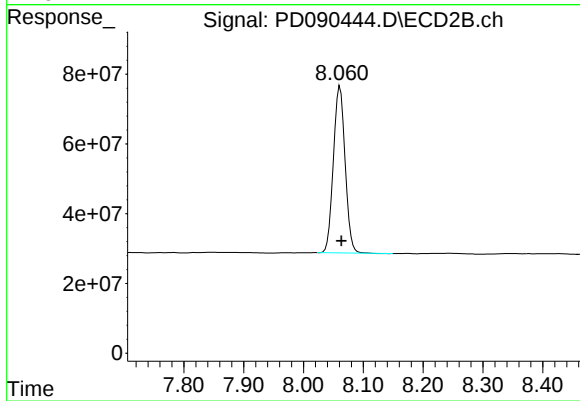
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 534198980
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.004 min
Response: 101286853
Conc: 20.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 651251729
Conc: 20.09 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/30/25
Client Sample ID:	PIBLK-PD090447.D	SDG No.:	Q3181
Lab Sample ID:	I.BLK-PD090447.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090447.D	1		09/30/25	Pd093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.3		30 (57) - 150 (171)	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (61) - 150 (148)	103%	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_D\Data\PD093025\
Data File : PD090447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 10:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 13:15:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.874	64818167	565.2E6	19.941	20.589
28)	SA Decachlor...	9.066	8.062	107.4E6	704.6E6	22.262	21.738

Target Compounds

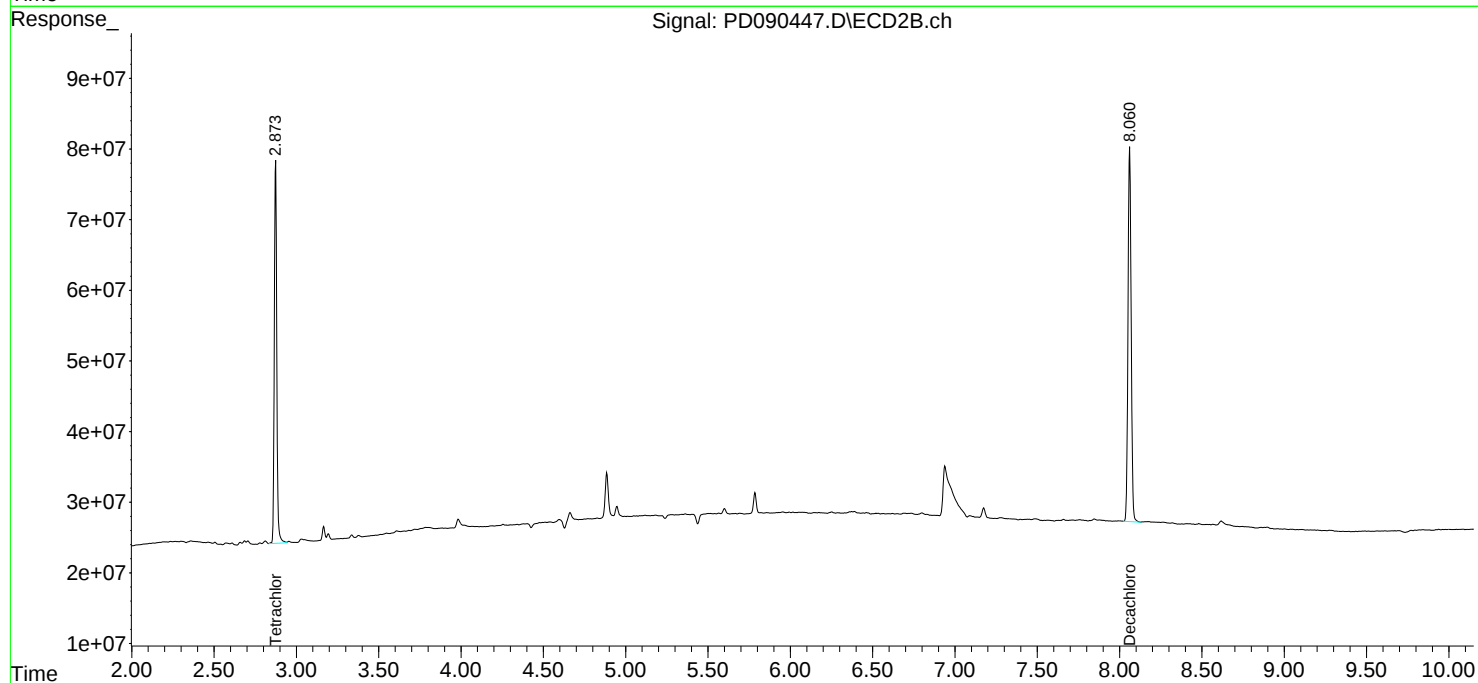
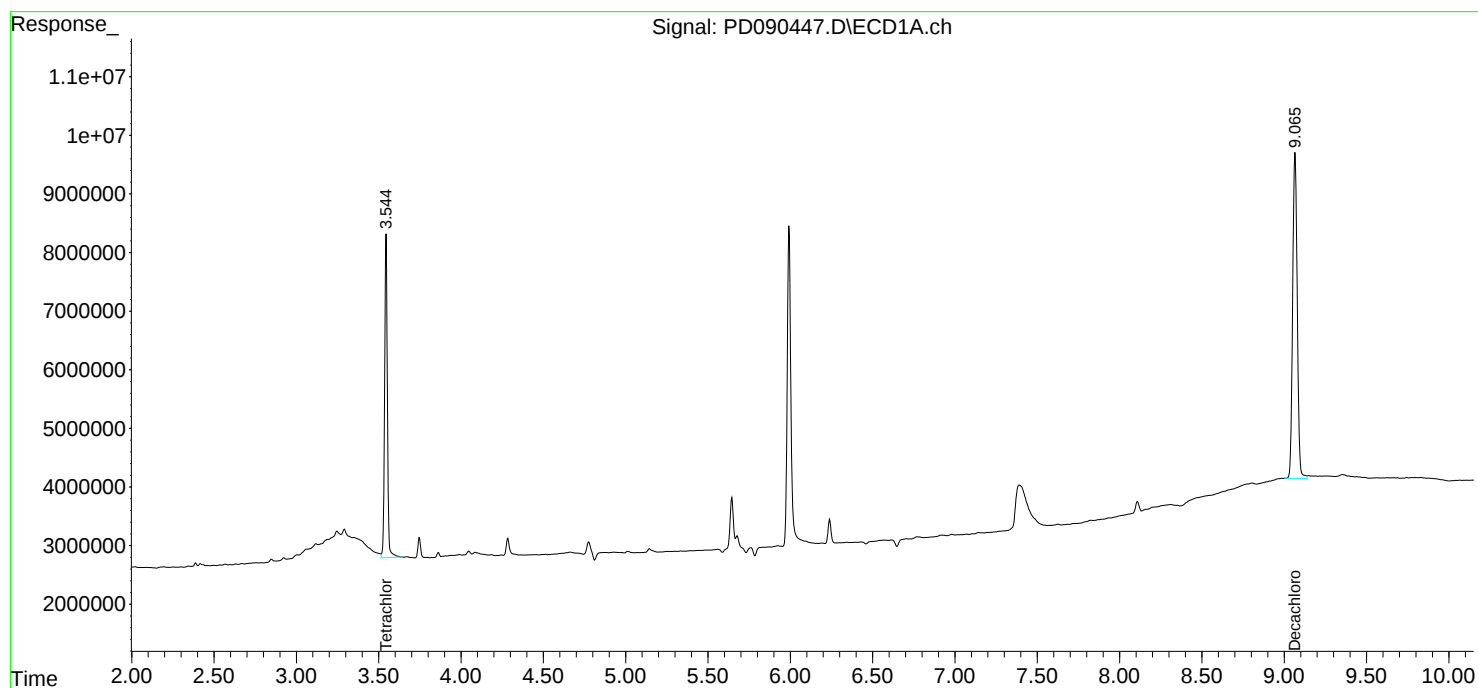
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

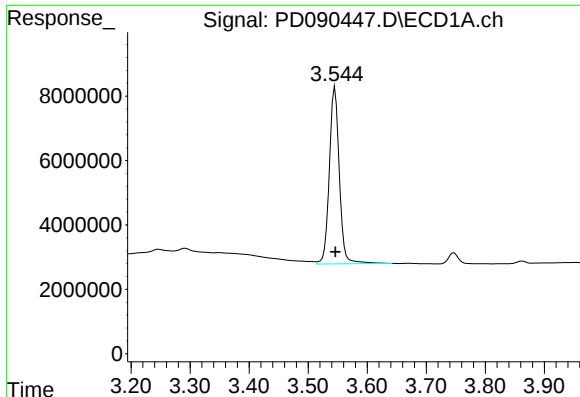
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 10:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 13:15:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

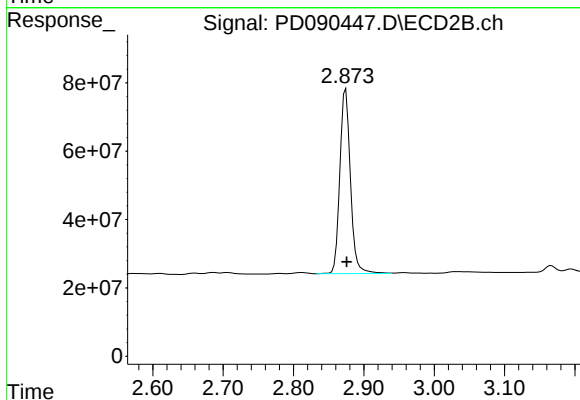




#1 Tetrachloro-m-xylene

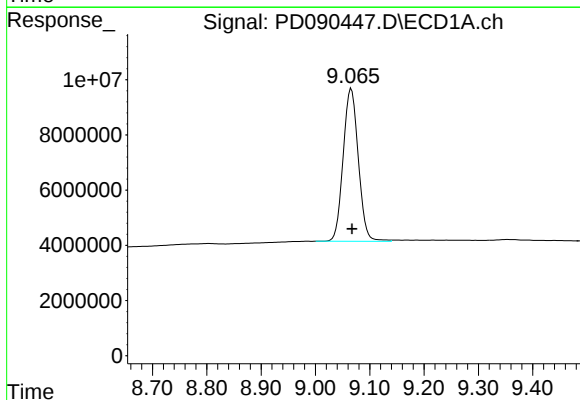
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 64818167
Conc: 19.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



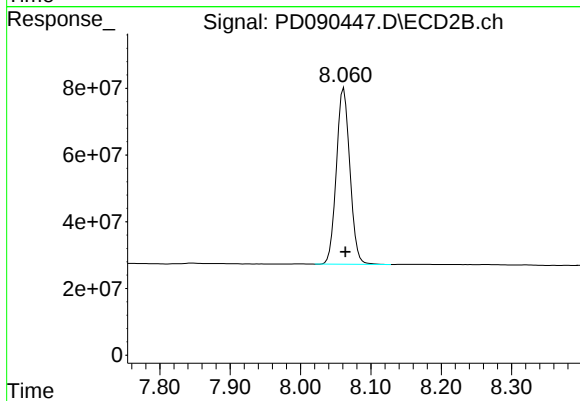
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 565170887
Conc: 20.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 107415165
Conc: 22.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 704617700
Conc: 21.74 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	09/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/30/25
Client Sample ID:	PIBLK-PD090462.D	SDG No.:	Q3181
Lab Sample ID:	I.BLK-PD090462.D	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090462.D	1		09/30/25	pd093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		30 (57) - 150 (171)	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (61) - 150 (148)	100%	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_D\Data\PD093025\
Data File : PD090462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 16:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.875	63818504	551.5E6	19.634	20.091
28)	SA Decachlor...	9.069	8.063	107.0E6	646.9E6	22.174	19.956

Target Compounds

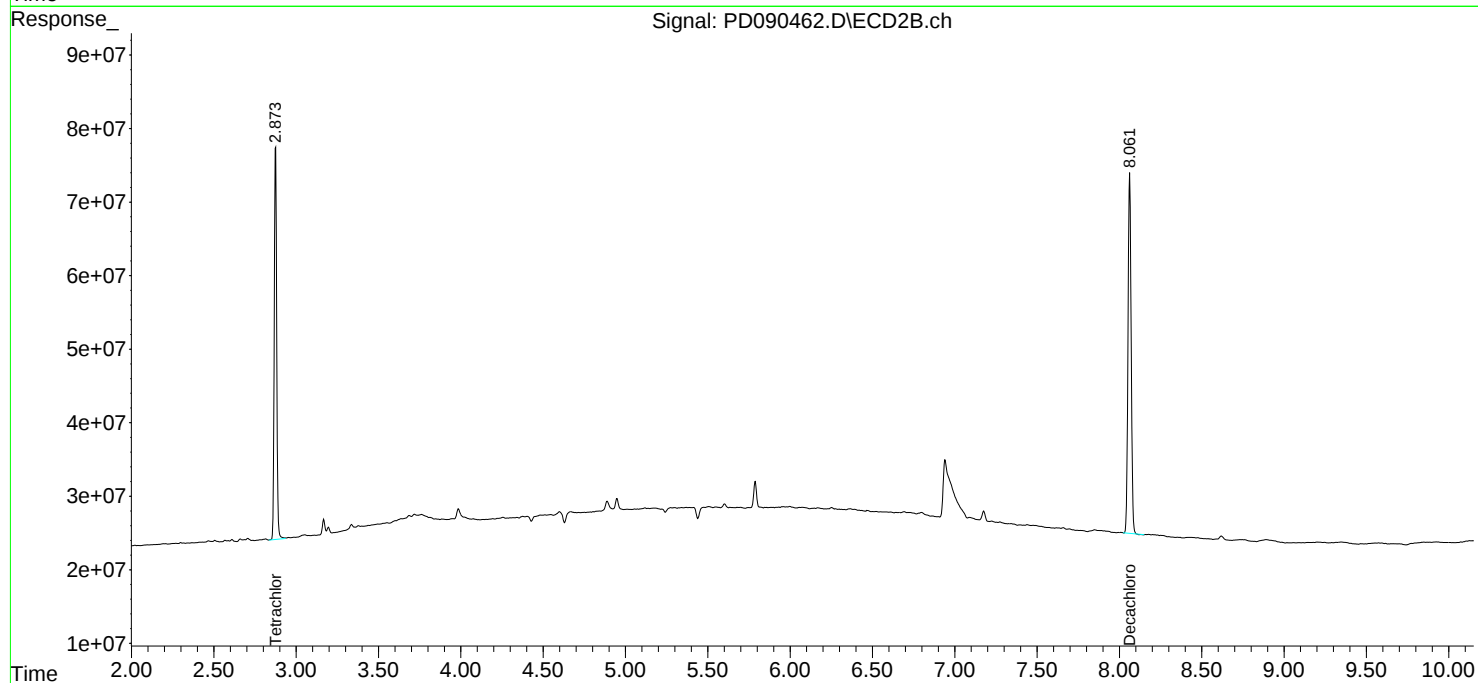
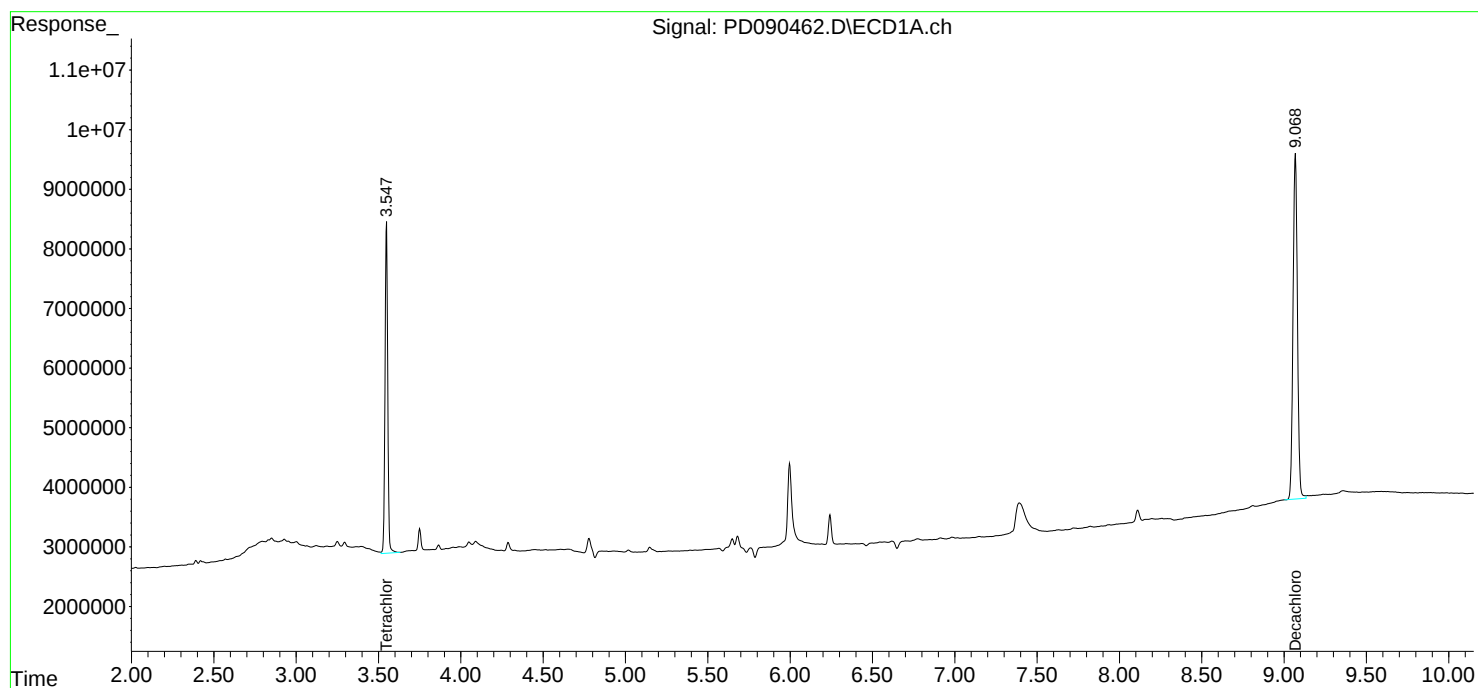
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

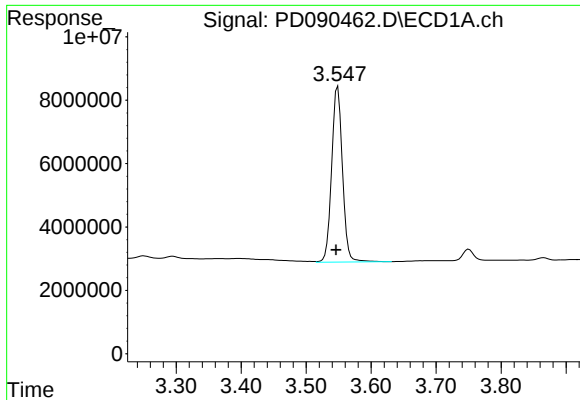
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 16:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

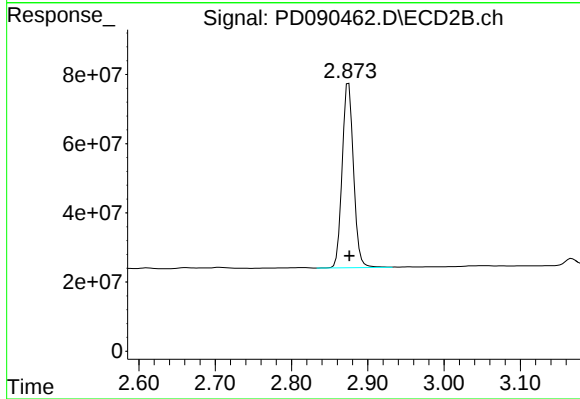




#1 Tetrachloro-m-xylene

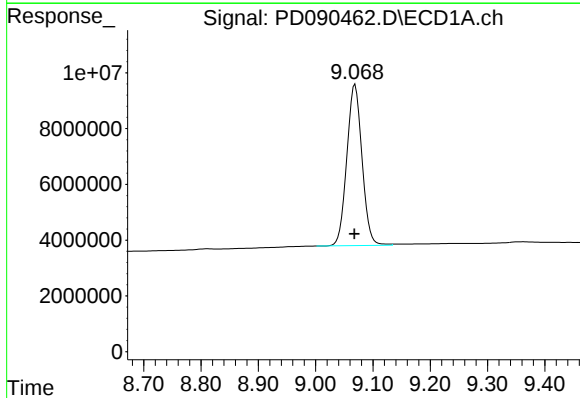
R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 63818504
Conc: 19.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



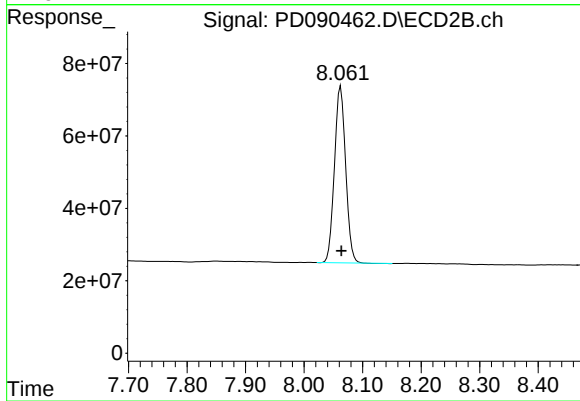
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 551493154
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.001 min
Response: 106991878
Conc: 22.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 646873592
Conc: 19.96 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169874BS	SDG No.:	Q3181
Lab Sample ID:	PB169874BS	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090461.D	1	09/26/25 11:40	09/30/25 16:39	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.00051		0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.00052		0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.00052		0.0000096	0.000050	mg/L
72-20-8	Endrin	0.00053		0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.00053		0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		30 (57) - 150 (171)	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		30 (61) - 150 (148)	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 16:39
 Operator : AR\AJ
 Sample : PB169874BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169874BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:22:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.875	64536852	544.3E6	19.855	19.827
2)	SA Decachlor...	9.066	8.063	105.2E6	648.7E6	21.802	20.013
Target Compounds							
2)	A alpha-BHC	3.995	3.387	363.0E6	2120.2E6	51.978	48.426
3)	MA gamma-BHC...	4.326	3.723	337.4E6	1970.2E6	50.994	48.366
4)	MA Heptachlor	4.924	4.076	345.5E6	2000.9E6	52.245	49.143
5)	MB Aldrin	5.266	4.361	331.5E6	1942.9E6	52.212	48.652
6)	B beta-BHC	4.513	4.019	126.0E6	828.6E6	48.820	47.800
7)	B delta-BHC	4.760	4.256	339.5E6	1996.2E6	52.570m	48.340
8)	B Heptachlo...	5.686	4.865	296.1E6	1803.4E6	51.818	48.920
9)	A Endosulfan I	6.068	5.239	278.9E6	1657.0E6	51.633m	47.882
10)	B gamma-Chl...	5.941	5.118	293.4E6	1898.6E6	51.370	48.326
11)	B alpha-Chl...	6.020	5.182	313.9E6	1823.4E6	54.490m	48.411
12)	B 4,4'-DDE	6.191	5.367	269.3E6	1859.6E6	51.709	48.581
13)	MA Dieldrin	6.342	5.505	301.4E6	1891.4E6	52.289	48.564
14)	MA Endrin	6.569	5.782	260.6E6	1802.3E6	53.244	50.299
15)	B Endosulfa...	6.782	6.073	260.2E6	1630.0E6	53.335	48.294
16)	A 4,4'-DDD	6.701	5.922	216.4E6	1544.7E6	52.798	47.634
17)	MA 4,4'-DDT	7.016	6.175	237.0E6	1661.2E6	53.233	48.319
18)	B Endrin al...	6.910	6.251	188.9E6	1206.3E6	55.057	51.230
19)	B Endosulfa...	7.145	6.475	239.0E6	1581.3E6	51.953	48.371
20)	A Methoxychlor	7.489	6.746	125.2E6	835.8E6	53.137	48.031
21)	B Endrin ke...	7.626	6.983	255.4E6	1601.7E6	51.620	44.365
22)	Mirex	8.107	7.177	167.1E6	1139.6E6	45.099m	41.282

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 16:39
Operator : AR\AJ
Sample : PB169874BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB169874BS

Manual Integrations

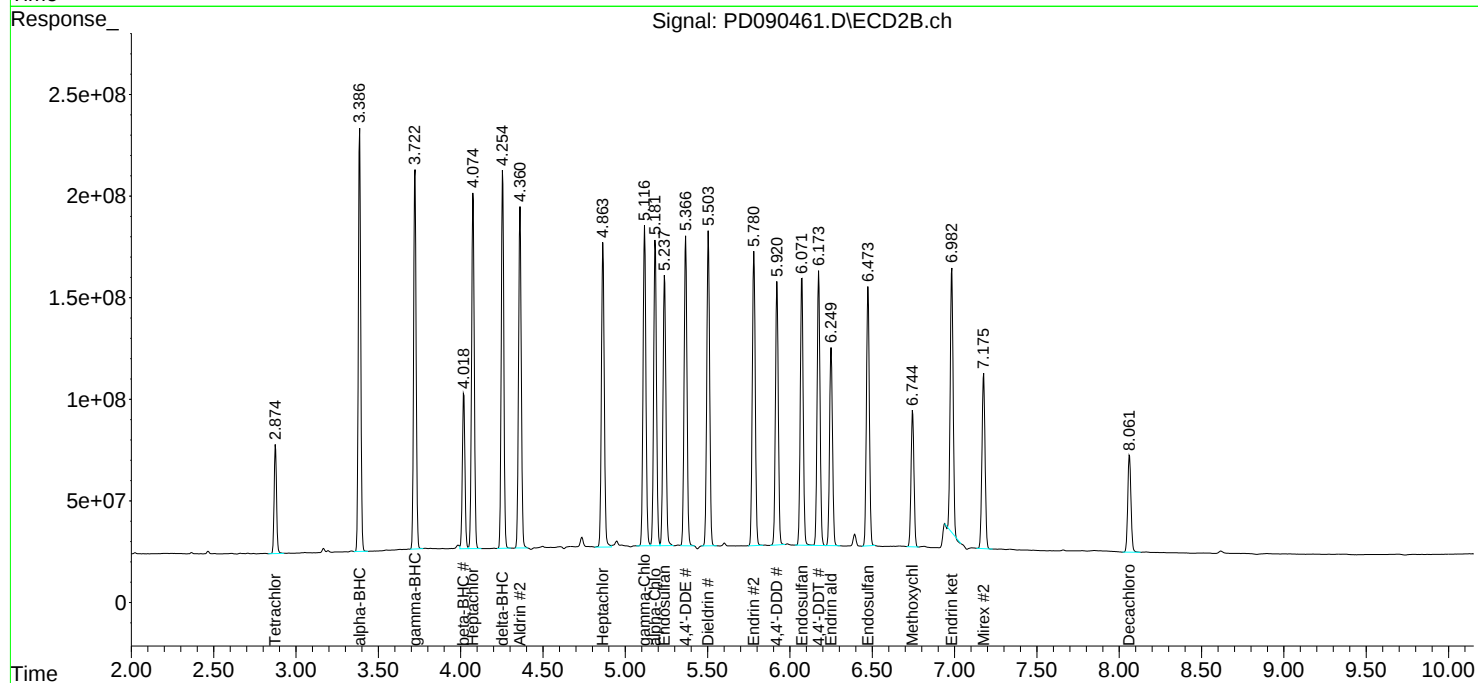
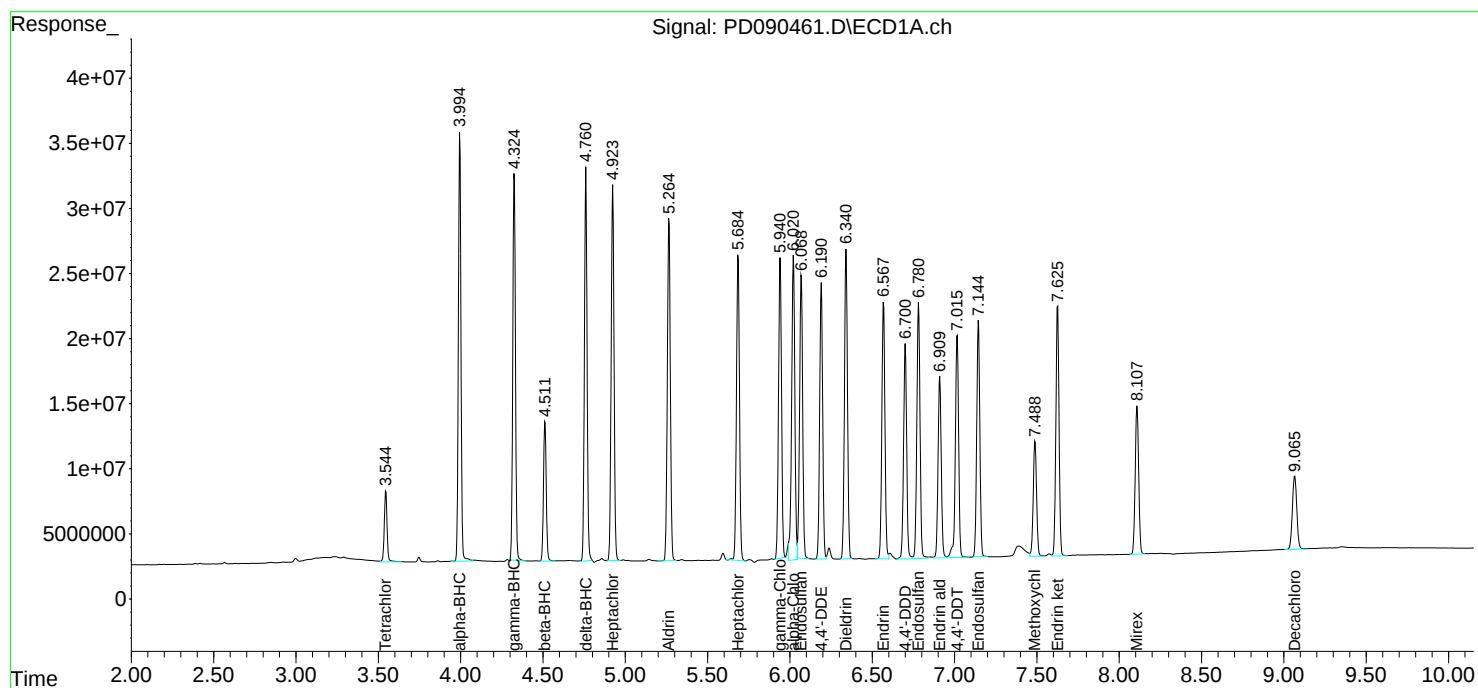
APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	ENTACT	Date Collected:	09/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/24/25
Client Sample ID:	WC-A3-01-CMS	SDG No.:	Q3181
Lab Sample ID:	Q3181-03MS	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD090438.D	1	09/26/25 11:40	09/29/25 21:30	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0037		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0038		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0039		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0039		0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		30 (57) - 150 (171)	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.6		30 (61) - 150 (148)	78%	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_D\Data\PD092925\
 Data File : PD090438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:30
 Operator : AR\AJ
 Sample : Q3181-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-01-CMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:34:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.874	49530606	427.8E6	15.238	15.584m
28)	SA Decachlor...	9.063	8.061	73218872	472.0E6	15.175	14.562
Target Compounds							
2)	A alpha-BHC	3.994	3.387	262.8E6	1570.7E6	37.629	35.874
3)	MA gamma-BHC...	4.324	3.723	246.3E6	1453.9E6	37.217m	35.690
4)	MA Heptachlor	4.923	4.076	246.9E6	1484.2E6	37.331	36.451
5)	MB Aldrin	5.264	4.361	230.9E6	1404.0E6	36.365	35.157
6)	B beta-BHC	4.512	4.018	87274371	616.4E6	33.828	35.560m
7)	B delta-BHC	4.758	4.255	247.9E6	1503.0E6	38.390m	36.396
8)	B Heptachlo...	5.684	4.865	214.7E6	1379.8E6	37.574	37.428
9)	A Endosulfan I	6.066	5.239	202.5E6	1273.8E6	37.498m	36.810
10)	B gamma-Chl...	5.939	5.117	210.5E6	1429.8E6	36.849	36.394
11)	B alpha-Chl...	6.019	5.182	224.1E6	1374.0E6	38.903m	36.480
12)	B 4,4'-DDE	6.189	5.366	194.2E6	1387.3E6	37.297	36.242
13)	MA Dieldrin	6.340	5.504	222.6E6	1452.0E6	38.617	37.282
14)	MA Endrin	6.567	5.780	193.0E6	1340.9E6	39.439	37.422
15)	B Endosulfa...	6.780	6.072	192.8E6	1272.6E6	39.520	37.707
16)	A 4,4'-DDD	6.699	5.920	157.3E6	1192.1E6	38.385	36.761
17)	MA 4,4'-DDT	7.014	6.174	175.2E6	1278.7E6	39.348	37.195
18)	B Endrin al...	6.909	6.250	141.1E6	948.1E6	41.118	40.267
19)	B Endosulfa...	7.143	6.473	179.3E6	1235.1E6	38.974	37.783
20)	A Methoxychlor	7.487	6.745	91389370	655.7E6	38.782	37.684
21)	B Endrin ke...	7.624	6.983	191.3E6	1328.8E6	38.660	36.806
22)	Mirex	8.104	7.175	132.7E6	964.2E6	35.823m	34.927

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:30
Operator : AR\AJ
Sample : Q3181-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

WC-A3-01-CMS

Manual Integrations

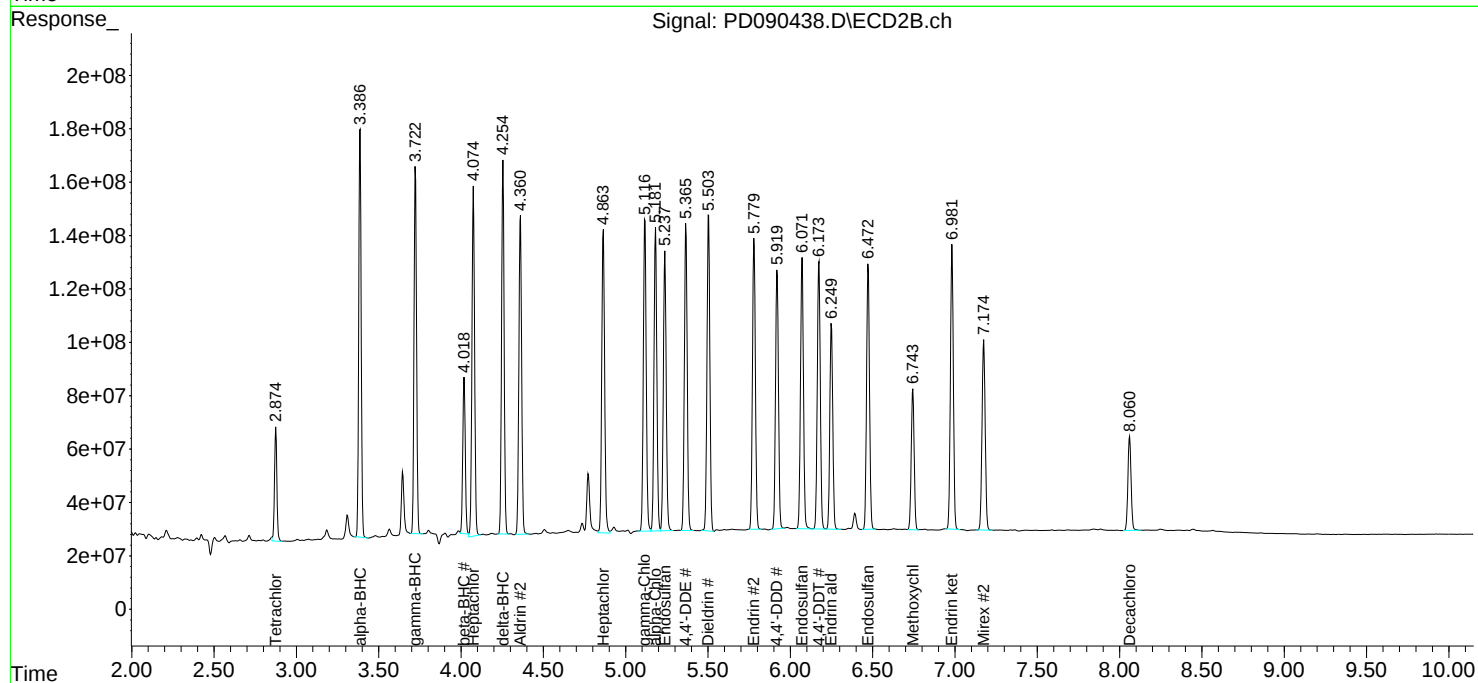
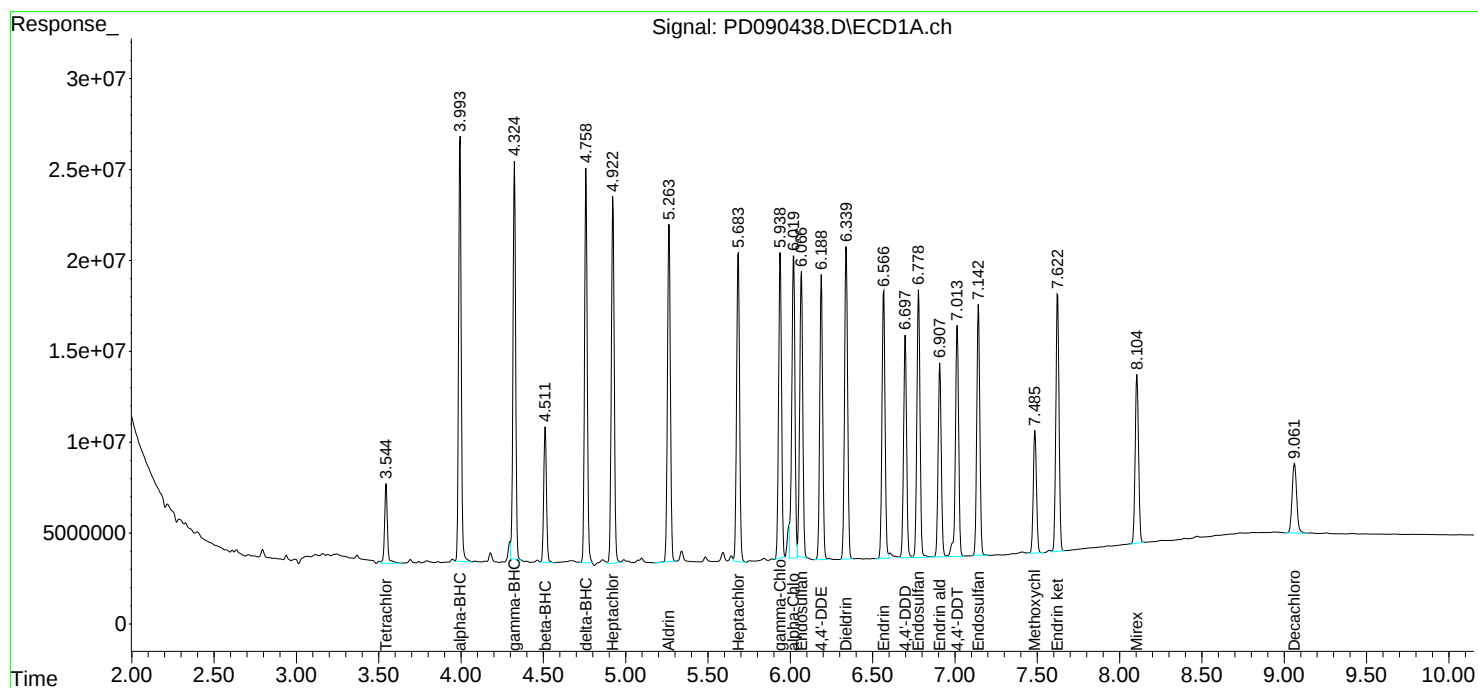
APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:34:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	ENTACT	Date Collected:	09/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	09/24/25
Client Sample ID:	WC-A3-01-CMSD	SDG No.:	Q3181
Lab Sample ID:	Q3181-03MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090439.D	1	09/26/25 11:40	09/29/25 21:43	PB169874

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0037		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0040		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0039		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0038		0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		30 (57) - 150 (171)	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.1		30 (61) - 150 (148)	81%	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_D\Data\PD092925\
 Data File : PD090439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 21:43
 Operator : AR\AJ
 Sample : Q3181-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A3-01-CMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:35:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.874	52424057	419.7E6	16.128	15.291m
28)	SA Decachlor...	9.063	8.061	72499501	473.8E6	15.026	14.617
Target Compounds							
2)	A alpha-BHC	3.994	3.387	256.4E6	1551.7E6	36.711	35.440
3)	MA gamma-BHC...	4.323	3.723	242.2E6	1436.0E6	36.600m	35.251
4)	MA Heptachlor	4.923	4.075	241.7E6	1462.2E6	36.546	35.911
5)	MB Aldrin	5.264	4.361	225.7E6	1383.2E6	35.540	34.637
6)	B beta-BHC	4.512	4.019	85415709	658.1E6	33.108	37.963
7)	B delta-BHC	4.758	4.255	244.6E6	1480.9E6	37.883m	35.862
8)	B Heptachlo...	5.684	4.865	208.4E6	1458.6E6	36.470	39.565
9)	A Endosulfan I	6.066	5.239	198.5E6	1252.2E6	36.755m	36.184
10)	B gamma-Chl...	5.939	5.117	202.1E6	1404.0E6	35.378	35.737
11)	B alpha-Chl...	6.019	5.182	210.9E6	1346.8E6	36.611m	35.758
12)	B 4,4'-DDE	6.189	5.366	189.6E6	1364.2E6	36.405	35.637
13)	MA Dieldrin	6.340	5.504	217.7E6	1425.9E6	37.763	36.611
14)	MA Endrin	6.568	5.781	188.7E6	1316.5E6	38.553	36.741
15)	B Endosulfa...	6.780	6.072	188.9E6	1244.2E6	38.736	36.866
16)	A 4,4'-DDD	6.699	5.920	153.9E6	1168.9E6	37.552	36.045
17)	MA 4,4'-DDT	7.014	6.174	171.7E6	1256.0E6	38.569	36.534
18)	B Endrin al...	6.909	6.250	138.7E6	932.8E6	40.440	39.614
19)	B Endosulfa...	7.143	6.474	175.1E6	1212.1E6	38.060	37.077
20)	A Methoxychlor	7.487	6.745	89799011	650.8E6	38.107	37.404
21)	B Endrin ke...	7.624	6.982	187.9E6	1305.9E6	37.980	36.171
22)	Mirex	8.106	7.175	132.8E6	950.8E6	35.850	34.441

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 21:43
Operator : AR\AJ
Sample : Q3181-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

WC-A3-01-CMSD

Manual Integrations

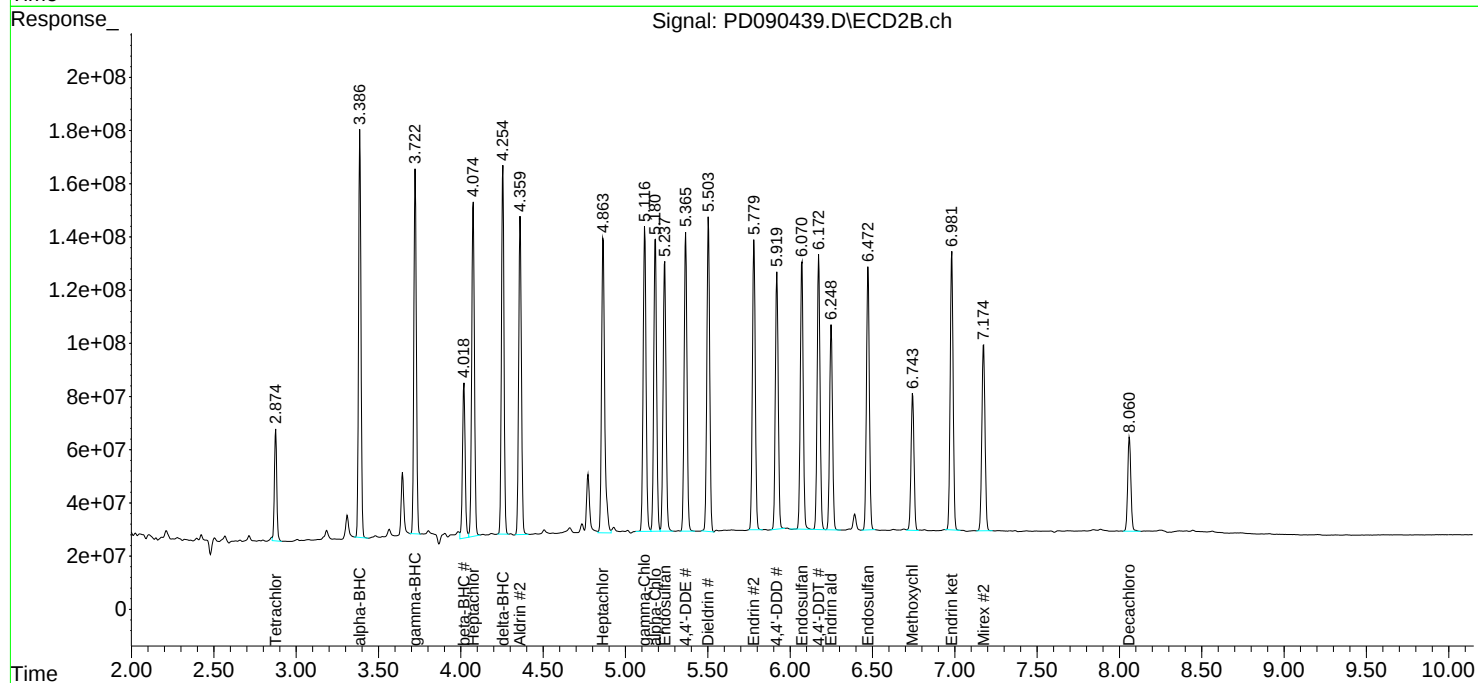
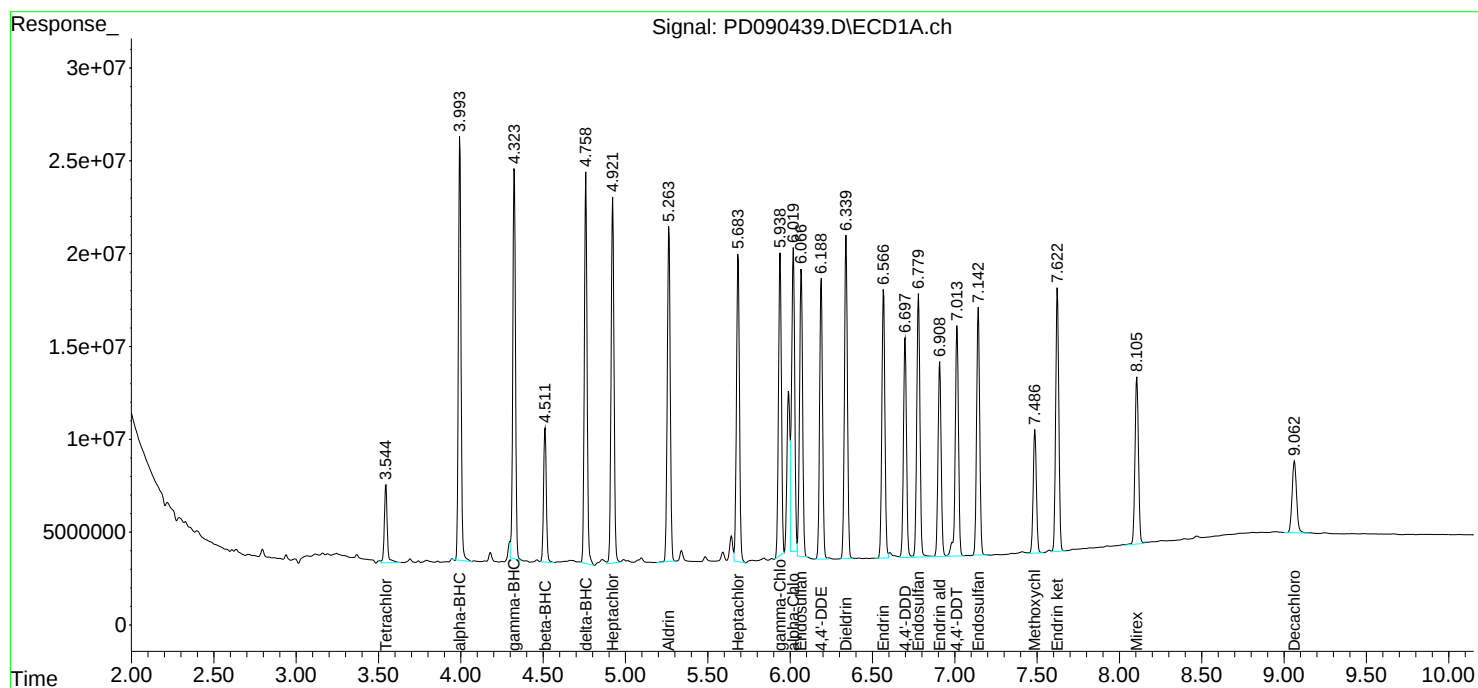
APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:35:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	pd091825	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090328.D	4,4"-DDD	Abdul	9/19/2025 9:36:57 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PEM	PD090328.D	Endrin aldehyde	Abdul	9/19/2025 9:36:57 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	4,4"-DDE #2	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	delta-BHC	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Endrin #2	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Heptachlor	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Tetrachloro-m-xylene	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICV050	PD090345.D	delta-BHC	Abdul	9/19/2025 9:00:34 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PTOXICV500	PD090347.D	Toxaphene-5	Abdul	9/19/2025 9:00:37 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software

Manual Integration Report

Sequence:	pd092925	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PD090416.D	Decachlorobiphenyl	Abdul	9/30/2025 8:41:30 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
I.BLK	PD090416.D	Tetrachloro-m-xylene	Abdul	9/30/2025 8:41:30 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	4,4"-DDD	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	4,4"-DDD #2	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	Endrin aldehyde	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	Endrin ketone	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	Endrin ketone #2	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090417.D	Methoxychlor	Abdul	9/30/2025 8:41:25 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090418.D	4,4"-DDD	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090418.D	alpha-Chlordane	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090418.D	delta-BHC	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090418.D	Endosulfan I	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090418.D	Heptachlor epoxide #2	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software

Manual Integration Report

Sequence:	pd092925	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090418.D	Mirex	Abdul	9/30/2025 8:41:21 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090432.D	4,4"-DDD	Abdul	9/30/2025 8:41:49 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090432.D	4,4"-DDD #2	Abdul	9/30/2025 8:41:49 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090432.D	Endrin aldehyde	Abdul	9/30/2025 8:41:49 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090432.D	Endrin ketone	Abdul	9/30/2025 8:41:49 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PEM	PD090432.D	Endrin ketone #2	Abdul	9/30/2025 8:41:49 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090433.D	alpha-Chlordane	Abdul	9/30/2025 8:40:53 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090433.D	delta-BHC	Abdul	9/30/2025 8:40:53 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090433.D	Endosulfan I	Abdul	9/30/2025 8:40:53 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090433.D	Mirex	Abdul	9/30/2025 8:40:53 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03	PD090437.D	Tetrachloro-m-xylene #2	Abdul	9/30/2025 8:40:44 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	alpha-Chlordane	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	beta-BHC #2	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software

Manual Integration Report

Sequence:

pd092925

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3181-03MS	PD090438.D	delta-BHC	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	Endosulfan I	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	gamma-BHC (Lindane)	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	Mirex	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MS	PD090438.D	Tetrachloro-m-xylene #2	Abdul	9/30/2025 8:40:41 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MSD	PD090439.D	alpha-Chlordane	Abdul	9/30/2025 8:40:37 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MSD	PD090439.D	delta-BHC	Abdul	9/30/2025 8:40:37 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MSD	PD090439.D	Endosulfan I	Abdul	9/30/2025 8:40:37 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MSD	PD090439.D	gamma-BHC (Lindane)	Abdul	9/30/2025 8:40:37 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-03MSD	PD090439.D	Tetrachloro-m-xylene #2	Abdul	9/30/2025 8:40:37 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-07	PD090440.D	Tetrachloro-m-xylene #2	Abdul	9/30/2025 8:40:34 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
Q3181-11	PD090441.D	Tetrachloro-m-xylene #2	Abdul	9/30/2025 8:40:30 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090445.D	alpha-Chlordane	Abdul	9/30/2025 8:40:19 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software

Manual Integration Report

Sequence:

pd092925

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090445.D	delta-BHC	Abdul	9/30/2025 8:40:19 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090445.D	Endosulfan I	Abdul	9/30/2025 8:40:19 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software
PSTDCCC050	PD090445.D	Endrin aldehyde	Abdul	9/30/2025 8:40:19 AM	mohammad	10/1/2025 1:41:12	Peak Integrated by Software

Manual Integration Report

Sequence:	Pd093025	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090448.D	4,4"-DDD	Abdul	10/1/2025 8:37:24 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PEM	PD090448.D	alpha-BHC	Abdul	10/1/2025 8:37:24 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PEM	PD090448.D	Endrin aldehyde	Abdul	10/1/2025 8:37:24 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PEM	PD090448.D	Endrin ketone #2	Abdul	10/1/2025 8:37:24 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090449.D	delta-BHC	Abdul	10/1/2025 8:37:20 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090449.D	Endrin ketone #2	Abdul	10/1/2025 8:37:20 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PB169874BS	PD090461.D	alpha-Chlordane	Abdul	10/1/2025 8:36:35 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PB169874BS	PD090461.D	delta-BHC	Abdul	10/1/2025 8:36:35 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PB169874BS	PD090461.D	Endosulfan I	Abdul	10/1/2025 8:36:35 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PB169874BS	PD090461.D	Mirex	Abdul	10/1/2025 8:36:35 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090463.D	alpha-Chlordane	Abdul	10/1/2025 8:36:31 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090463.D	delta-BHC	Abdul	10/1/2025 8:36:31 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090463.D	Endosulfan I	Abdul	10/1/2025 8:36:31 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software

Manual Integration Report

Sequence:	Pd093025	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090463.D	Endosulfan II	Abdul	10/1/2025 8:36:31 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	4,4"-DDD	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	alpha-Chlordane	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	delta-BHC	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	Endosulfan I	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	Endosulfan II	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	Endrin aldehyde	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	Endrin ketone #2	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software
PSTDCCC050	PD090474.D	Mirex	Abdul	10/1/2025 8:36:17 AM	mohammad	10/3/2025 1:30:28	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM
SubDirectory	PD091825	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090326.D	18 Sep 2025 09:36	AR\AJ	Ok
2	I.BLK	PD090327.D	18 Sep 2025 09:49	AR\AJ	Ok
3	PEM	PD090328.D	18 Sep 2025 10:03	AR\AJ	Ok,M
4	RESCHK	PD090329.D	18 Sep 2025 10:16	AR\AJ	Ok
5	PSTDICC100	PD090330.D	18 Sep 2025 10:30	AR\AJ	Ok
6	PSTDICC075	PD090331.D	18 Sep 2025 10:43	AR\AJ	Ok
7	PSTDICC050	PD090332.D	18 Sep 2025 10:57	AR\AJ	Ok
8	PSTDICC025	PD090333.D	18 Sep 2025 11:11	AR\AJ	Ok
9	PSTDICC005	PD090334.D	18 Sep 2025 11:24	AR\AJ	Ok,M
10	PCHLORICC1000	PD090335.D	18 Sep 2025 11:38	AR\AJ	Ok
11	PCHLORICC750	PD090336.D	18 Sep 2025 11:51	AR\AJ	Ok
12	PCHLORICC500	PD090337.D	18 Sep 2025 12:05	AR\AJ	Ok
13	PCHLORICC250	PD090338.D	18 Sep 2025 12:18	AR\AJ	Ok
14	PCHLORICC050	PD090339.D	18 Sep 2025 12:32	AR\AJ	Ok,M
15	PTOXICC1000	PD090340.D	18 Sep 2025 12:45	AR\AJ	Ok
16	PTOXICC750	PD090341.D	18 Sep 2025 12:59	AR\AJ	Ok
17	PTOXICC500	PD090342.D	18 Sep 2025 13:12	AR\AJ	Ok
18	PTOXICC250	PD090343.D	18 Sep 2025 13:26	AR\AJ	Ok
19	PTOXICC100	PD090344.D	18 Sep 2025 13:40	AR\AJ	Ok
20	PSTDICV050	PD090345.D	18 Sep 2025 13:53	AR\AJ	Ok,M
21	PCHLORICV500	PD090346.D	18 Sep 2025 14:07	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM
SubDirectory	PD091825	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PD090347.D	18 Sep 2025 15:21	AR\AJ	Ok,M
----	------------	------------	-------------------	-------	------

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD092925

Review By	Abdul	Review On	9/30/2025 8:42:12 AM
Supervise By	mohammad	Supervise On	10/1/2025 1:41:12 AM
SubDirectory	PD092925	HP Acquire Method	HP Processing Method PD091825
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090415.D	29 Sep 2025 10:45	AR\AJ	Ok
2	I.BLK	PD090416.D	29 Sep 2025 11:15	AR\AJ	Ok,M
3	PEM	PD090417.D	29 Sep 2025 11:29	AR\AJ	Ok,M
4	PSTDCCC050	PD090418.D	29 Sep 2025 14:24	AR\AJ	Ok,M
5	PB169830BL	PD090419.D	29 Sep 2025 14:44	AR\AJ	Ok
6	PB169830BS	PD090420.D	29 Sep 2025 15:59	AR\AJ	Ok,M
7	PB169830BSD	PD090421.D	29 Sep 2025 16:20	AR\AJ	Not Ok
8	PB169882BL	PD090422.D	29 Sep 2025 17:24	AR\AJ	Ok
9	PB169882BS	PD090423.D	29 Sep 2025 17:37	AR\AJ	Ok,M
10	PB169882TB	PD090424.D	29 Sep 2025 17:51	AR\AJ	Ok
11	Q3177-01	PD090425.D	29 Sep 2025 18:05	AR\AJ	Ok
12	Q3177-02	PD090426.D	29 Sep 2025 18:18	AR\AJ	Ok,M
13	Q3177-03	PD090427.D	29 Sep 2025 18:32	AR\AJ	Ok
14	Q3179-01	PD090428.D	29 Sep 2025 18:46	AR\AJ	Ok,M
15	Q3179-02MS	PD090429.D	29 Sep 2025 18:59	AR\AJ	Ok,M
16	Q3179-03MSD	PD090430.D	29 Sep 2025 19:13	AR\AJ	Ok,M
17	I.BLK	PD090431.D	29 Sep 2025 19:27	AR\AJ	Ok
18	PEM	PD090432.D	29 Sep 2025 19:40	AR\AJ	Ok,M
19	PSTDCCC050	PD090433.D	29 Sep 2025 19:54	AR\AJ	Ok,M
20	PB169874BL	PD090434.D	29 Sep 2025 20:35	AR\AJ	Ok
21	PB169874BS	PD090435.D	29 Sep 2025 20:49	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD092925

Review By	Abdul	Review On	9/30/2025 8:42:12 AM
Supervise By	mohammad	Supervise On	10/1/2025 1:41:12 AM
SubDirectory	PD092925	HP Acquire Method	HP Processing Method PD091825
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB169840TB	PD090436.D	29 Sep 2025 21:02	AR\AJ	Ok
23	Q3181-03	PD090437.D	29 Sep 2025 21:16	AR\AJ	Ok,M
24	Q3181-03MS	PD090438.D	29 Sep 2025 21:30	AR\AJ	Ok,M
25	Q3181-03MSD	PD090439.D	29 Sep 2025 21:43	AR\AJ	Ok,M
26	Q3181-07	PD090440.D	29 Sep 2025 21:57	AR\AJ	Ok,M
27	Q3181-11	PD090441.D	29 Sep 2025 22:11	AR\AJ	Ok,M
28	Q3208-06	PD090442.D	29 Sep 2025 22:25	AR\AJ	Ok,M
29	Q3208-12	PD090443.D	29 Sep 2025 22:38	AR\AJ	Ok,M
30	I.BLK	PD090444.D	29 Sep 2025 22:52	AR\AJ	Ok
31	PSTDCCC050	PD090445.D	29 Sep 2025 23:19	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD093025

Review By	Abdul	Review On	10/1/2025 8:38:03 AM
Supervise By	mohammad	Supervise On	10/3/2025 1:30:28 AM
SubDirectory	PD093025	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090446.D	30 Sep 2025 09:52	AR\AJ	Ok
2	I.BLK	PD090447.D	30 Sep 2025 10:06	AR\AJ	Ok
3	PEM	PD090448.D	30 Sep 2025 10:19	AR\AJ	Ok,M
4	PSTDCCC050	PD090449.D	30 Sep 2025 11:00	AR\AJ	Ok,M
5	Q3200-01	PD090450.D	30 Sep 2025 12:59	AR\AJ	Ok,M
6	Q3206-01	PD090451.D	30 Sep 2025 13:12	AR\AJ	Ok,M
7	Q3208-01	PD090452.D	30 Sep 2025 13:26	AR\AJ	Ok,M
8	Q3208-07	PD090453.D	30 Sep 2025 13:39	AR\AJ	Ok,M
9	Q3210-01	PD090454.D	30 Sep 2025 13:53	AR\AJ	Ok,M
10	Q3200-01MS	PD090455.D	30 Sep 2025 14:07	AR\AJ	Ok,M
11	Q3200-01MSD	PD090456.D	30 Sep 2025 14:20	AR\AJ	Ok,M
12	PB169857BL	PD090457.D	30 Sep 2025 14:49	AR\AJ	Ok
13	PB169857BS	PD090458.D	30 Sep 2025 15:37	AR\AJ	Not Ok
14	PB169830BS	PD090459.D	30 Sep 2025 16:09	AR\AJ	Ok,M
15	PB169830BSD	PD090460.D	30 Sep 2025 16:26	AR\AJ	Ok,M
16	PB169874BS	PD090461.D	30 Sep 2025 16:39	AR\AJ	Ok,M
17	I.BLK	PD090462.D	30 Sep 2025 16:55	AR\AJ	Ok
18	PSTDCCC050	PD090463.D	30 Sep 2025 17:09	AR\AJ	Ok,M
19	PB169902BL	PD090464.D	30 Sep 2025 17:54	AR\AJ	Ok
20	PB169902BS	PD090465.D	30 Sep 2025 18:08	AR\AJ	Not Ok
21	PB169870TB	PD090466.D	30 Sep 2025 18:22	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD093025

Review By	Abdul	Review On	10/1/2025 8:38:03 AM
Supervise By	mohammad	Supervise On	10/3/2025 1:30:28 AM
SubDirectory	PD093025	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3231-04	PD090467.D	30 Sep 2025 18:35	AR\AJ	Ok
23	Q3231-04MS	PD090468.D	30 Sep 2025 18:49	AR\AJ	Ok,M
24	Q3231-04MSD	PD090469.D	30 Sep 2025 19:02	AR\AJ	Ok,M
25	Q3231-08	PD090470.D	30 Sep 2025 19:16	AR\AJ	Ok
26	Q3231-12	PD090471.D	30 Sep 2025 19:30	AR\AJ	Ok
27	Q3231-16	PD090472.D	30 Sep 2025 19:43	AR\AJ	Ok
28	I.BLK	PD090473.D	30 Sep 2025 19:57	AR\AJ	Ok
29	PSTDCCC050	PD090474.D	30 Sep 2025 21:19	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM
SubDirectory	PD091825	HP Acquire Method	HP Processing Method pd091825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090326.D	18 Sep 2025 09:36		AR\AJ	Ok
2	I.BLK	I.BLK	PD090327.D	18 Sep 2025 09:49		AR\AJ	Ok
3	PEM	PEM	PD090328.D	18 Sep 2025 10:03		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090329.D	18 Sep 2025 10:16		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD090330.D	18 Sep 2025 10:30		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090331.D	18 Sep 2025 10:43		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090332.D	18 Sep 2025 10:57		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090333.D	18 Sep 2025 11:11		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090334.D	18 Sep 2025 11:24		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090335.D	18 Sep 2025 11:38		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090336.D	18 Sep 2025 11:51		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090337.D	18 Sep 2025 12:05		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090338.D	18 Sep 2025 12:18		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090339.D	18 Sep 2025 12:32		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090340.D	18 Sep 2025 12:45		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090341.D	18 Sep 2025 12:59		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090342.D	18 Sep 2025 13:12		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090343.D	18 Sep 2025 13:26		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM
SubDirectory	PD091825	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PD090344.D	18 Sep 2025 13:40		AR\AJ	Ok
20	PSTDICV050	ICVPD091825	PD090345.D	18 Sep 2025 13:53		AR\AJ	Ok,M
21	PCHLORICV500	ICVPD091825CHLOR	PD090346.D	18 Sep 2025 14:07		AR\AJ	Ok
22	PTOXICV500	ICVPD091825TOX	PD090347.D	18 Sep 2025 15:21		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD092925

Review By	Abdul	Review On	9/30/2025 8:42:12 AM
Supervise By	mohammad	Supervise On	10/1/2025 1:41:12 AM
SubDirectory	PD092925	HP Acquire Method	HP Processing Method PD091825

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090415.D	29 Sep 2025 10:45		AR\AJ	Ok
2	I.BLK	I.BLK	PD090416.D	29 Sep 2025 11:15		AR\AJ	Ok,M
3	PEM	PEM	PD090417.D	29 Sep 2025 11:29		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090418.D	29 Sep 2025 14:24		AR\AJ	Ok,M
5	PB169830BL	PB169830BL	PD090419.D	29 Sep 2025 14:44		AR\AJ	Ok
6	PB169830BS	PB169830BS	PD090420.D	29 Sep 2025 15:59		AR\AJ	Ok,M
7	PB169830BSD	PB169830BSD	PD090421.D	29 Sep 2025 16:20	Methoxychlor recovery fail	AR\AJ	Not Ok
8	PB169882BL	PB169882BL	PD090422.D	29 Sep 2025 17:24		AR\AJ	Ok
9	PB169882BS	PB169882BS	PD090423.D	29 Sep 2025 17:37		AR\AJ	Ok,M
10	PB169882TB	PB169882TB	PD090424.D	29 Sep 2025 17:51		AR\AJ	Ok
11	Q3177-01	EME-TS12-01	PD090425.D	29 Sep 2025 18:05		AR\AJ	Ok
12	Q3177-02	EME-TS13-01	PD090426.D	29 Sep 2025 18:18		AR\AJ	Ok,M
13	Q3177-03	EME-TS14-02	PD090427.D	29 Sep 2025 18:32		AR\AJ	Ok
14	Q3179-01	EME-TS14-01	PD090428.D	29 Sep 2025 18:46		AR\AJ	Ok,M
15	Q3179-02MS	EME-TS14-01MS	PD090429.D	29 Sep 2025 18:59		AR\AJ	Ok,M
16	Q3179-03MSD	EME-TS14-01MSD	PD090430.D	29 Sep 2025 19:13		AR\AJ	Ok,M
17	I.BLK	I.BLK	PD090431.D	29 Sep 2025 19:27		AR\AJ	Ok
18	PEM	PEM	PD090432.D	29 Sep 2025 19:40		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD092925

Review By	Abdul	Review On	9/30/2025 8:42:12 AM
Supervise By	mohammad	Supervise On	10/1/2025 1:41:12 AM
SubDirectory	PD092925	HP Acquire Method	HP Processing Method PD091825
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PSTDCCC050	PSTDCCC050	PD090433.D	29 Sep 2025 19:54		AR\AJ	Ok,M
20	PB169874BL	PB169874BL	PD090434.D	29 Sep 2025 20:35		AR\AJ	Ok
21	PB169874BS	PB169874BS	PD090435.D	29 Sep 2025 20:49	Methoxychlor recovery fail	AR\AJ	Not Ok
22	PB169840TB	PB169840TB	PD090436.D	29 Sep 2025 21:02		AR\AJ	Ok
23	Q3181-03	WC-A3-01-C	PD090437.D	29 Sep 2025 21:16		AR\AJ	Ok,M
24	Q3181-03MS	WC-A3-01-CMS	PD090438.D	29 Sep 2025 21:30	Heptachlor epoxide recovery fail	AR\AJ	Ok,M
25	Q3181-03MSD	WC-A3-01-CMSD	PD090439.D	29 Sep 2025 21:43	Heptachlor epoxide recovery fail	AR\AJ	Ok,M
26	Q3181-07	WC-A3-02-C	PD090440.D	29 Sep 2025 21:57		AR\AJ	Ok,M
27	Q3181-11	WC-A3-03-C	PD090441.D	29 Sep 2025 22:11		AR\AJ	Ok,M
28	Q3208-06	SU-ESM-COMP-01	PD090442.D	29 Sep 2025 22:25		AR\AJ	Ok,M
29	Q3208-12	SU-ESM-COMP-02	PD090443.D	29 Sep 2025 22:38		AR\AJ	Ok,M
30	I.BLK	I.BLK	PD090444.D	29 Sep 2025 22:52		AR\AJ	Ok
31	PSTDCCC050	PSTDCCC050	PD090445.D	29 Sep 2025 23:19		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD093025

Review By	Abdul	Review On	10/1/2025 8:38:03 AM
Supervise By	mohammad	Supervise On	10/3/2025 1:30:28 AM
SubDirectory	PD093025	HP Acquire Method	HP Processing Method pd091825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090446.D	30 Sep 2025 09:52		AR\AJ	Ok
2	I.BLK	I.BLK	PD090447.D	30 Sep 2025 10:06		AR\AJ	Ok
3	PEM	PEM	PD090448.D	30 Sep 2025 10:19		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090449.D	30 Sep 2025 11:00		AR\AJ	Ok,M
5	Q3200-01	ETGI-367	PD090450.D	30 Sep 2025 12:59		AR\AJ	Ok,M
6	Q3206-01	TR-06-092525	PD090451.D	30 Sep 2025 13:12		AR\AJ	Ok,M
7	Q3208-01	SU-ESM-COMP-01	PD090452.D	30 Sep 2025 13:26		AR\AJ	Ok,M
8	Q3208-07	SU-ESM-COMP-02	PD090453.D	30 Sep 2025 13:39		AR\AJ	Ok,M
9	Q3210-01	SG-1	PD090454.D	30 Sep 2025 13:53		AR\AJ	Ok,M
10	Q3200-01MS	ETGI-367MS	PD090455.D	30 Sep 2025 14:07	Methoxychlor recovery fail	AR\AJ	Ok,M
11	Q3200-01MSD	ETGI-367MSD	PD090456.D	30 Sep 2025 14:20		AR\AJ	Ok,M
12	PB169857BL	PB169857BL	PD090457.D	30 Sep 2025 14:49		AR\AJ	Ok
13	PB169857BS	PB169857BS	PD090458.D	30 Sep 2025 15:37	DCB high in 1st column	AR\AJ	Not Ok
14	PB169830BS	PB169830BS	PD090459.D	30 Sep 2025 16:09		AR\AJ	Ok,M
15	PB169830BSD	PB169830BSD	PD090460.D	30 Sep 2025 16:26		AR\AJ	Ok,M
16	PB169874BS	PB169874BS	PD090461.D	30 Sep 2025 16:39		AR\AJ	Ok,M
17	I.BLK	I.BLK	PD090462.D	30 Sep 2025 16:55		AR\AJ	Ok
18	PSTDCCC050	PSTDCCC050	PD090463.D	30 Sep 2025 17:09		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD093025

Review By	Abdul	Review On	10/1/2025 8:38:03 AM
Supervise By	mohammad	Supervise On	10/3/2025 1:30:28 AM
SubDirectory	PD093025	HP Acquire Method	HP Processing Method pd091825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB169902BL	PB169902BL	PD090464.D	30 Sep 2025 17:54		AR\AJ	Ok
20	PB169902BS	PB169902BS	PD090465.D	30 Sep 2025 18:08	Methoxychlor recovery fail	AR\AJ	Not Ok
21	PB169870TB	PB169870TB	PD090466.D	30 Sep 2025 18:22		AR\AJ	Ok
22	Q3231-04	WC-1	PD090467.D	30 Sep 2025 18:35		AR\AJ	Ok
23	Q3231-04MS	WC-1MS	PD090468.D	30 Sep 2025 18:49		AR\AJ	Ok,M
24	Q3231-04MSD	WC-1MSD	PD090469.D	30 Sep 2025 19:02		AR\AJ	Ok,M
25	Q3231-08	WC-2	PD090470.D	30 Sep 2025 19:16		AR\AJ	Ok
26	Q3231-12	WC-3	PD090471.D	30 Sep 2025 19:30		AR\AJ	Ok
27	Q3231-16	WC-4	PD090472.D	30 Sep 2025 19:43		AR\AJ	Ok
28	I.BLK	I.BLK	PD090473.D	30 Sep 2025 19:57		AR\AJ	Ok
29	PSTDCCC050	PSTDCCC050	PD090474.D	30 Sep 2025 21:19		AR\AJ	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40819719

Start Prep Date : 09/25/2025 Time : 14:30

End Prep Date : 09/26/2025 Time : 08:10

Combination Ratio : 20

ZHE Cleaning Batch : N/A 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 10

Supervisor By : 12

Standard 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	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. Tumbler T-1 /T-2 checked,30 rpm. q3208-12 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/26/25 11:00	JP 100 Room	SAS RT/Ext
	Preparation Group	Analysis Group net rig

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
PB169840TB	LEB840	17	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3146-03	MECHANIC-ST-PAINT-CHIPS	01	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3181-03	WC-A3-01-C	02	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-07	WC-A3-02-C	03	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-11	WC-A3-03-C	04	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3183-10	WC-1	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q3183-11	WC-4	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3183-12	WC-3	07	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3188-05	4135	08	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3191-01	459	09	100.00	2000	N/A	N/A	N/A	8.6	1.5	T-1
Q3196-01	FMC-9-24-25-1	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3196-02	FMC-9-24-25-2	11	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q3196-03	FMC-9-24-25-3	12	100.01	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3196-04	FMC-9-24-25-4	13	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3196-05	FMC-9-24-25-5	14	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3208-06	SU-ESM-COMP-01	15	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-2
Q3208-12	SU-ESM-COMP-02	16	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169840TB	LEB840	N/A	N/A	N/A	N/A	N/A	N/A
Q3146-03	MECHANIC-ST-PAINT-CHIPS	N/A	N/A	N/A	N/A	100	N/A
Q3181-03	WC-A3-01-C	N/A	N/A	N/A	N/A	100	N/A
Q3181-07	WC-A3-02-C	N/A	N/A	N/A	N/A	100	N/A
Q3181-11	WC-A3-03-C	N/A	N/A	N/A	N/A	100	N/A
Q3183-10	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q3183-11	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q3183-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q3188-05	4135	N/A	N/A	N/A	N/A	100	N/A
Q3191-01	459	N/A	N/A	N/A	N/A	<0.5	N/A
Q3196-01	FMC-9-24-25-1	N/A	N/A	N/A	N/A	100	N/A
Q3196-02	FMC-9-24-25-2	N/A	N/A	N/A	N/A	100	N/A
Q3196-03	FMC-9-24-25-3	N/A	N/A	N/A	N/A	100	N/A
Q3196-04	FMC-9-24-25-4	N/A	N/A	N/A	N/A	100	N/A
Q3196-05	FMC-9-24-25-5	N/A	N/A	N/A	N/A	100	N/A
Q3208-06	SU-ESM-COMP-01	N/A	N/A	N/A	N/A	100	N/A
Q3208-12	SU-ESM-COMP-02	N/A	N/A	N/A	N/A	100	N/A

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
PB169840TB	LEB840	N/A	N/A	N/A	N/A	#1	4.94
Q3146-03	MECHANIC-ST-PAINT-CHIPS	5.02	96.5	5.8	1.5	#1	4.94
Q3181-03	WC-A3-01-C	5.03	96.5	11.5	4.5	#1	4.94
Q3181-07	WC-A3-02-C	5.02	96.5	11.5	4.5	#1	4.94
Q3181-11	WC-A3-03-C	5.03	96.5	11.5	4.5	#1	4.94
Q3183-10	WC-1	5.02	96.5	8.0	3.5	#1	4.94
Q3183-11	WC-4	5.01	96.5	7.0	2.5	#1	4.94
Q3183-12	WC-3	5.02	96.5	8.6	3.0	#1	4.94
Q3188-05	4135	5.03	96.5	5.6	1.5	#1	4.94
Q3191-01	459	5.02	N/A	N/A	N/A	N/A	N/A
Q3196-01	FMC-9-24-25-1	5.03	96.5	7.4	2.5	#1	4.94
Q3196-02	FMC-9-24-25-2	5.02	96.5	7.0	2.0	#1	4.94
Q3196-03	FMC-9-24-25-3	5.02	96.5	6.6	2.0	#1	4.94
Q3196-04	FMC-9-24-25-4	5.03	96.5	6.4	2.5	#1	4.94
Q3196-05	FMC-9-24-25-5	5.02	96.5	6.4	2.0	#1	4.94
Q3208-06	SU-ESM-COMP-01	5.02	96.5	9.7	4.0	#1	4.94
Q3208-12	SU-ESM-COMP-02	5.01	96.5	8.6	3.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3181

WorkList ID : 192081

Department : TCLP Extraction

Date : 09-25-2025 12:08:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3146-03	MECHANIC-ST-PAINT-CHIPS	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	09/19/2025	1311
Q3181-03	WC-A3-01-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J33	09/24/2025	1311
Q3181-07	WC-A3-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J33	09/24/2025	1311
Q3181-11	WC-A3-03-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J33	09/24/2025	1311
Q3183-10	WC-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J32	09/24/2025	1311
Q3183-11	WC-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J32	09/24/2025	1311
Q3183-12	WC-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J32	09/24/2025	1311
Q3188-05	4135	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J32	09/24/2025	1311
Q3191-01	459	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J41	09/24/2025	1311
Q3196-01	FMC-9-24-25-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/24/2025	1311
Q3196-02	FMC-9-24-25-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/24/2025	1311
Q3196-03	FMC-9-24-25-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/24/2025	1311
Q3196-04	FMC-9-24-25-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/24/2025	1311
Q3196-05	FMC-9-24-25-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/24/2025	1311
Q3208-06	SU-ESM-COMP-01	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/25/2025	1311
Q3208-12	SU-ESM-COMP-02	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/25/2025	1311

Date/Time 09/25/25 13:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09/25/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

16:00

[Signature]

[Signature]

SOP ID: M3510C,3580A-Extraction Pesticide-17

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: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 09/26/2025

Extraction Start Time : 11:40

Extraction End Date : 09/26/2025

Extraction End Time : 16:00

Concentration By: EH

Supervisor By : ritesh

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
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	E3973
Baked Na2SO4	N/A	EP2639
Hexane	N/A	E3971
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: N/A

Envap ID: NE VAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/26/25	RJ (EFL-1016)	Y.P.P. HIRB
16:05	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 09/26/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169840TB	PB169840TB	TCLP Pesticide	100	6	ritesh	Evelyn	10			SEP-1
PB169874BL	PBLK874	TCLP Pesticide	1000	6	ritesh	Evelyn	10			2
PB169874BS	PLCS874	TCLP Pesticide	1000	6	ritesh	Evelyn	10			3
Q3181-03	WC-A3-01-C	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		4
Q3181-03MS	WC-A3-01-CMS	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		5
Q3181-03MS D	WC-A3-01-CMSD	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		6
Q3181-07	WC-A3-02-C	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		7
Q3181-11	WC-A3-03-C	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		8
Q3208-06	SU-ESM-COMP-01	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		9
Q3208-12	SU-ESM-COMP-02	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		10

* Extracts relinquished on the same date as received.

RJ
—
9/26

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
PB169840TB	LEB840	17	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3146-03	MECHANIC-ST-PAINT-CHIPS	01	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3181-03	WC-A3-01-C	02	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-07	WC-A3-02-C	03	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-11	WC-A3-03-C	04	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3183-10	WC-1	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q3183-11	WC-4	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3183-12	WC-3	07	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3188-05	4135	08	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3191-01	459	09	100.00	2000	N/A	N/A	N/A	8.6	1.5	T-1
Q3196-01	FMC-9-24-25-1	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3196-02	FMC-9-24-25-2	11	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q3196-03	FMC-9-24-25-3	12	100.01	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3196-04	FMC-9-24-25-4	13	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3196-05	FMC-9-24-25-5	14	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3208-06	SU-ESM-COMP-01	15	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-2
Q3208-12	SU-ESM-COMP-02	16	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-2

09/26/25
11:00

Prep Standard - Chemical Standard Summary

Order ID : Q3181

Test : TCLP Pesticide

Prepbatch ID : PB169874,

Sequence ID/Qc Batch ID: pd092925,pd093025,

Standard ID :

EP2639,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,P
P24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,P
P24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24805,PP24890,

Chemical ID :

E3875,E3941,E3944,E3955,E3956,E3962,E3971,E3973,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13
786,P13788,P13789,P13862,P9053,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2639	09/12/2025	01/28/2026	Riteshkumar Patel	Extraction_SC ALE_2 (EX-SC-2)	None	Evelyn Huang 09/12/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel 07/22/2025

FROM 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel
								07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24738	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13038 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1472	20 PPM Pest Stock Solution 2nd Source	PP24739	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13041 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1273	20 PPM Mirex Stock (Primary Source)	PP24740	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P9053 + 9.00000ml of E3956 = Final Quantity: 10.000 ml



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

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

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



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

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

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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
386	1000/100 PPB Chlordane STD (Restek)	PP24746	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12604 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24747	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
383	1000/100 PPB Toxaphene STD (Restek)	PP24748	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24749	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3631	75 PPB ICAL PEST STD(RESTEK)	PP24750	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24744 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3632	50 PPB ICAL PEST STD(RESTEK)	PP24751	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24744 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3633	25 PPB ICAL PEST STD(RESTEK)	PP24752	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24744 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3634	5 PPB ICAL PEST STD(RESTEK)	PP24753	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24751 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3988	50 PPB PEST ICV STD(RESTEK)	PP24754	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24745 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
528	CHLOR 750 PPB STD	PP24755	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24746 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
529	CHLOR 500 PPB STD	PP24756	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24746 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
530	CHLOR 250 PPB STD	PP24757	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24746 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3408	CHLOR 50 PPB STD	PP24758	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24756 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
532	CHLOR 500 PPB ICV STD	PP24759	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24747 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
533	TOX 750 PPB STD	PP24760	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
534	TOX 500 PPB STD	PP24761	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
535	TOX 250 PPB STD	PP24762	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2217	TOX 100 PPB STD	PP24763	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3670	TOX 500 PPB ICV std (RESTEK)	PP24764	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
79	500 PPB Pesticide Spike Solution	PP24766	07/28/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								08/19/2025

FROM 95.00000ml of E3955 + 2.50000ml of PP24739 + 2.50000ml of PP24741 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
518	Pest/PCB I.BLK 20 PPB	PP24890	08/20/2025	02/18/2026	Abdul Mirza	None	None	Yogesh Patel
								09/17/2025

FROM 99.90000ml of E3962 + 0.10000ml of PP24805 = Final Quantity: 100.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12604

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12610

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001



Recd. by RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.
 *Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E 3955

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantors**[™]



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E3956



Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/30/25

E3962

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

Jamie Croak
Director Quality Operations, Bioscience Production



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : June 30, 2027 Storage: 10°C or colder

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.0 µg/mL	+/- 8.9732
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	200.1 µg/mL	+/- 8.9762
3	beta-BHC	319-85-7	BCCC6425	99%	200.3 µg/mL	+/- 8.9844
4	delta-BHC	319-86-8	14450800	98%	200.0 µg/mL	+/- 8.9740
5	Heptachlor	76-44-8	813251	99%	200.1 µg/mL	+/- 8.9754
6	Aldrin	309-00-2	14389400	98%	200.0 µg/mL	+/- 8.9718
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.1 µg/mL	+/- 8.9754
8	trans-Chlordane	5103-74-2	32943	98%	199.9 µg/mL	+/- 8.9696
9	cis-Chlordane	5103-71-9	31766	98%	200.1 µg/mL	+/- 8.9762
10	Endosulfan I	959-98-8	BCCF4060	99%	200.1 µg/mL	+/- 8.9754
11	4,4'-DDE	72-55-9	GHYQG	99%	200.1 µg/mL	+/- 8.9777
12	Dieldrin	60-57-1	11129900	98%	200.0 µg/mL	+/- 8.9718
13	Endrin	72-20-8	14123200	98%	199.9 µg/mL	+/- 8.9696
14	4,4'-DDD	72-54-8	HAN02	99%	200.1 µg/mL	+/- 8.9777
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	200.0 µg/mL	+/- 8.9718

17	Endrin aldehyde	7421-93-4	30720	98%	200.1	µg/mL	+/- 8.9784
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.0	µg/mL	+/- 8.9732
19	Methoxychlor	72-43-5	13668200	99%	200.1	µg/mL	+/- 8.9777
20	Endrin ketone	53494-70-5	1-ABS-16-7	98%	200.0	µg/mL	+/- 8.9740

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13039
↓
P13043
1
JAW
12/26/23

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

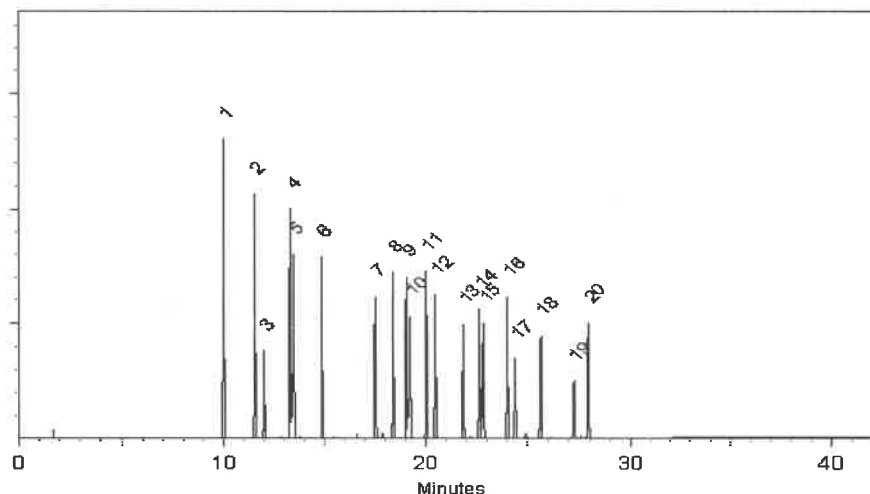
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey
Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

**CERTIFIED WEIGHT REPORT**

Part Number:	<u>79136</u>
Lot Number:	<u>042022</u>
Description:	<u>Milrex</u>

Solvent(s):	Lot#
Acetone	81025

Expiration Date: 042027

Refrigerate (4 °C)

Nominal Concentration ($\mu\text{g/mL}$):

NIST Test ID#:

Weight(s) shown below were combined and diluted to (mL)::

5E-05	Balance Uncertainty
0.006	Flask Uncertainty

Formulated By:		042022
Reviewed By:		042022
	Pedro L. Rentias	DATE

Reviewed By:

Pedro L. Rentas

DATE _____

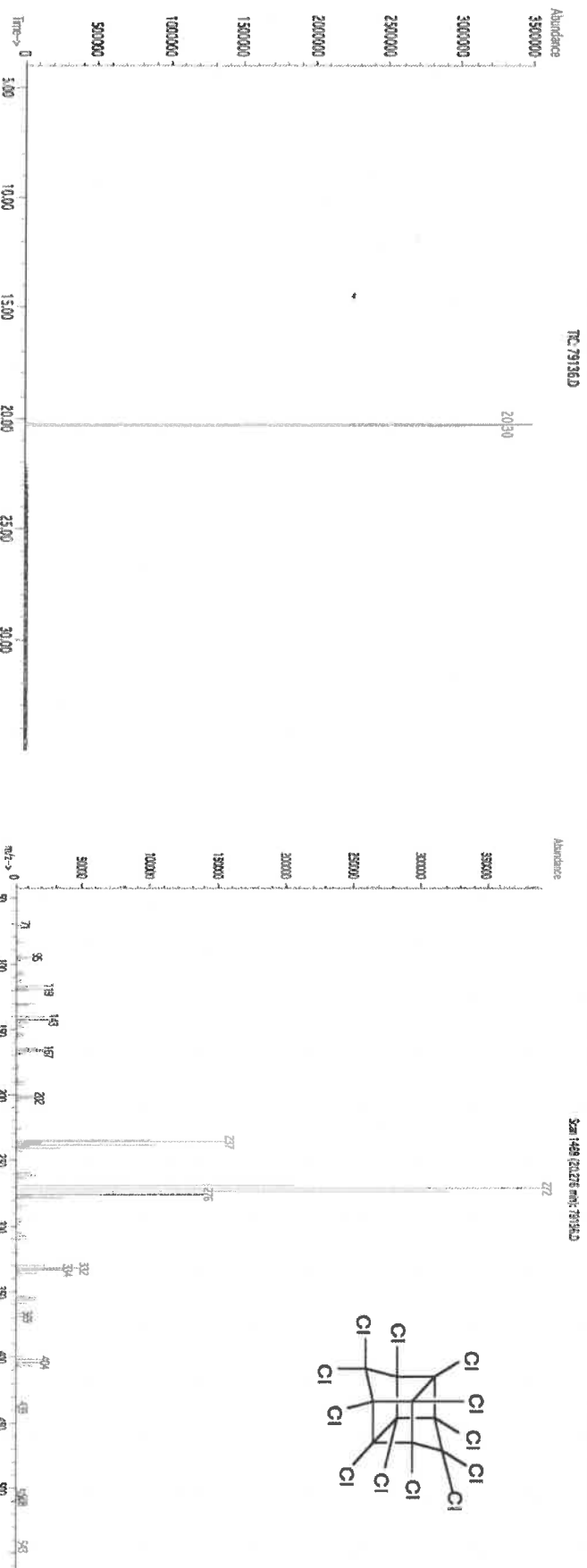
SDS Information

[illegible]

050

	N/A	off-ral 306mm/Km
	2385-85.5	
	10.3	
	1,001.1	
	0.05040	
	0.5	
	99.4	
	1000	
	9492400	
437	Mitrex	

Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
 * Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
 * Standards are certified ($\pm$) 0.5% of the stated value, unless otherwise stated.

- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.

- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result,"

NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

$P_{13,195}$
 $\downarrow$
 $P_{13,199}$
 $\downarrow$
 $\textcircled{5}$
 $|$



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32021 Lot No.: A0197993
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : August 31, 2029 Storage: 10°C or colder
Ship: Ambient

P 12603
↓
P 12605
3
Kauf
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

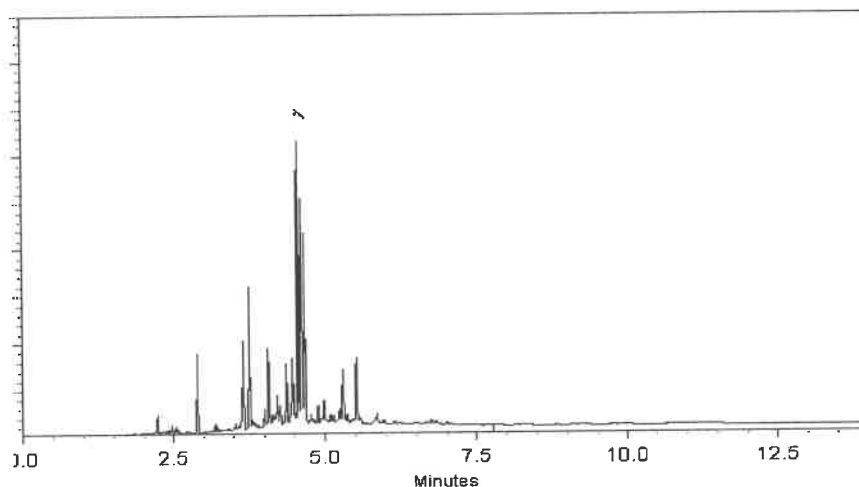
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

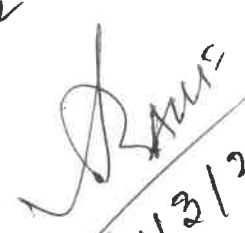
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 12603 } (3)
↓
P 12605

7/3/2023



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32021 Lot No.: A0197993
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: August 31, 2029 Storage: 10°C or colder
Ship: Ambient

Handwritten: P 12606
P 12610
5 Five
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. { hold 10 min.}

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

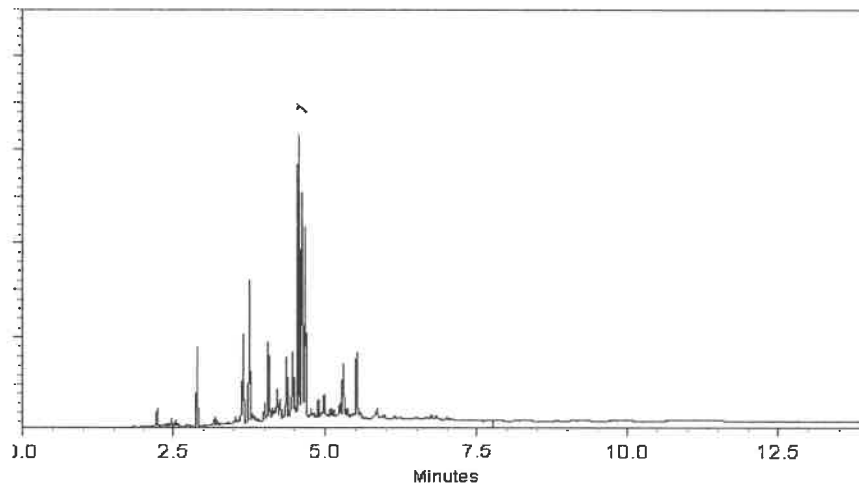
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 **Lot No.:** A0200423

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

P 13034
↓
P 13038
✓
12.26.2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.5 µg/mL	+/- 8.9956
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	199.9 µg/mL	+/- 8.9696
3	beta-BHC	319-85-7	BCCC6425	99%	200.0 µg/mL	+/- 8.9732
4	delta-BHC	319-86-8	14450800	98%	199.9 µg/mL	+/- 8.9696
5	Heptachlor	76-44-8	813251	99%	202.0 µg/mL	+/- 9.0629
6	Aldrin	309-00-2	14389400	98%	200.9 µg/mL	+/- 9.0136
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.0 µg/mL	+/- 8.9732
8	trans-Chlordane	5103-74-2	34616	99%	200.5 µg/mL	+/- 8.9956
9	cis-Chlordane	5103-71-9	31766	98%	201.4 µg/mL	+/- 9.0356
10	Endosulfan I	959-98-8	BCCF4060	99%	200.0 µg/mL	+/- 8.9732
11	4,4'-DDE	72-55-9	GHYQG	99%	201.5 µg/mL	+/- 9.0405
12	Dieldrin	60-57-1	14515000	98%	199.9 µg/mL	+/- 8.9696
13	Endrin	72-20-8	14485300	98%	200.4 µg/mL	+/- 8.9916
14	4,4'-DDD	72-54-8	HAN02	99%	200.5 µg/mL	+/- 8.9956
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	201.9 µg/mL	+/- 9.0575

17	Endrin aldehyde	7421-93-4	30720	98%	201.4 µg/mL	+/- 9.0356
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.5 µg/mL	+/- 8.9956
19	Methoxychlor	72-43-5	14563200	98%	200.9 µg/mL	+/- 9.0136
20	Endrin ketone	53494-70-5	14537700	98%	199.9 µg/mL	+/- 8.9696

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

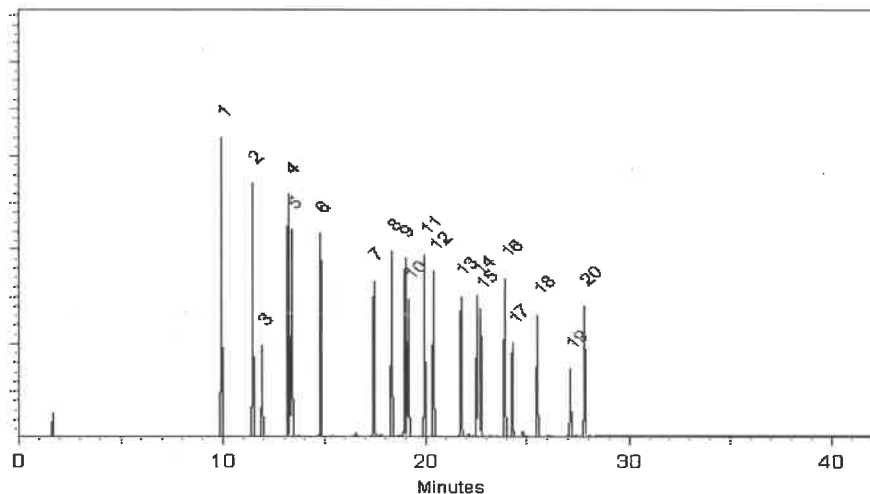
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number:
Lot Number:
Description:

19161
013124
CLP Pesticides & PCBs Resolution Check Standard

Expiration Date:
Recommended Storage:
Nominal Concentration (µg/mL):

9 components
013129
Refrigerate (4 °C)

Solvent(s):
Hexane
Toluene
273615
28508
(50%)
(50%)

NIST Test ID#:

6UTB

5E-05
Balance Uncertainty
Pipet Uncertainty

Volume(s) shown below were combined and diluted to (mL):

100.0

0.021

Balance Uncertainty
Pipet Uncertainty

Formulated By: <i>Lawrence Barry</i>		013124
Reviewed By: <i>Pedro L. Rentes</i>		013124
DATE		DATE

Compound

1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	or-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	or-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	or-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	or-rat 36300µg/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	or-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4'-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	or-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

P13243
P13244
P13245
P13246
P13247
P13248
P13249
P13250
P13251
P13252
P13253
P13254
P13255
P13256
P13257
P13258
P13259
P13260
P13261
P13262
P13263
P13264
P13265
P13266
P13267
P13268
P13269
P13270
P13271
P13272
P13273
P13274
P13275
P13276
P13277
P13278
P13279
P13280
P13281
P13282
P13283
P13284
P13285
P13286
P13287
P13288
P13289
P13290
P13291
P13292
P13293
P13294
P13295
P13296
P13297
P13298
P13299
P13300
P13301
P13302
P13303
P13304
P13305
P13306
P13307
P13308
P13309
P13310
P13311
P13312
P13313
P13314
P13315
P13316
P13317
P13318
P13319
P13320
P13321
P13322
P13323
P13324
P13325
P13326
P13327
P13328
P13329
P13330
P13331
P13332
P13333
P13334
P13335
P13336
P13337
P13338
P13339
P13340
P13341
P13342
P13343
P13344
P13345
P13346
P13347
P13348
P13349
P13350
P13351
P13352
P13353
P13354
P13355
P13356
P13357
P13358
P13359
P13360
P13361
P13362
P13363
P13364
P13365
P13366
P13367
P13368
P13369
P13370
P13371
P13372
P13373
P13374
P13375
P13376
P13377
P13378
P13379
P13380
P13381
P13382
P13383
P13384
P13385
P13386
P13387
P13388
P13389
P13390
P13391
P13392
P13393
P13394
P13395
P13396
P13397
P13398
P13399
P13400
P13401
P13402
P13403
P13404
P13405
P13406
P13407
P13408
P13409
P13410
P13411
P13412
P13413
P13414
P13415
P13416
P13417
P13418
P13419
P13420
P13421
P13422
P13423
P13424
P13425
P13426
P13427
P13428
P13429
P13430
P13431
P13432
P13433
P13434
P13435
P13436
P13437
P13438
P13439
P13440
P13441
P13442
P13443
P13444
P13445
P13446
P13447
P13448
P13449
P13450
P13451
P13452
P13453
P13454
P13455
P13456
P13457
P13458
P13459
P13460
P13461
P13462
P13463
P13464
P13465
P13466
P13467
P13468
P13469
P13470
P13471
P13472
P13473
P13474
P13475
P13476
P13477
P13478
P13479
P13480
P13481
P13482
P13483
P13484
P13485
P13486
P13487
P13488
P13489
P13490
P13491
P13492
P13493
P13494
P13495
P13496
P13497
P13498
P13499
P13500
P13501
P13502
P13503
P13504
P13505
P13506
P13507
P13508
P13509
P13510
P13511
P13512
P13513
P13514
P13515
P13516
P13517
P13518
P13519
P13520
P13521
P13522
P13523
P13524
P13525
P13526
P13527
P13528
P13529
P13530
P13531
P13532
P13533
P13534
P13535
P13536
P13537
P13538
P13539
P13540
P13541
P13542
P13543
P13544
P13545
P13546
P13547
P13548
P13549
P13550
P13551
P13552
P13553
P13554
P13555
P13556
P13557
P13558
P13559
P13560
P13561
P13562
P13563
P13564
P13565
P13566
P13567
P13568
P13569
P13570
P13571
P13572
P13573
P13574
P13575
P13576
P13577
P13578
P13579
P13580
P13581
P13582
P13583
P13584
P13585
P13586
P13587
P13588
P13589
P13590
P13591
P13592
P13593
P13594
P13595
P13596
P13597
P13598
P13599
P13600
P13601
P13602
P13603
P13604
P13605
P13606
P13607
P13608
P13609
P13610
P13611
P13612
P13613
P13614
P13615
P13616
P13617
P13618
P13619
P13620
P13621
P13622
P13623
P13624
P13625
P13626
P13627
P13628
P13629
P13630
P13631
P13632
P13633
P13634
P13635
P13636
P13637
P13638
P13639
P13640
P13641
P13642
P13643
P13644
P13645
P13646
P13647
P13648
P13649
P13650
P13651
P13652
P13653
P13654
P13655
P13656
P13657
P13658
P13659
P13660
P13661
P13662
P13663
P13664
P13665
P13666
P13667
P13668
P13669
P13670
P13671
P13672
P13673
P13674
P13675
P13676
P13677
P13678
P13679
P13680
P13681
P13682
P13683
P13684
P13685
P13686
P13687
P13688
P13689
P13690
P13691
P13692
P13693
P13694
P13695
P13696
P13697
P13698
P13699
P13700
P13701
P13702
P13703
P13704
P13705
P13706
P13707
P13708
P13709
P13710
P13711
P13712
P13713
P13714
P13715
P13716
P13717
P13718
P13719
P13720
P13721
P13722
P13723
P13724
P13725
P13726
P13727
P13728
P13729
P13730
P13731
P13732
P13733
P13734
P13735
P13736
P13737
P13738
P13739
P13740
P13741
P13742
P13743
P13744
P13745
P13746
P13747
P13748
P13749
P13750
P13751
P13752
P13753
P13754
P13755
P13756
P13757
P13758
P13759
P13760
P13761
P13762
P13763
P13764
P13765
P13766
P13767
P13768
P13769
P13770
P13771
P13772
P13773
P13774
P13775
P13776
P13777
P13778
P13779
P13780
P13781
P13782
P13783
P13784
P13785
P13786
P13787
P13788
P13789
P13790
P13791
P13792
P13793
P13794
P13795
P13796
P13797
P13798
P13799
P13800
P13801
P13802
P13803
P13804
P13805
P13806
P13807
P13808
P13809
P13810
P13811
P13812
P13813
P13814
P13815
P13816
P13817
P13818
P13819
P13820
P13821
P13822
P13823
P13824
P13825
P13826
P13827
P13828
P13829
P13830
P13831
P13832
P13833
P13834
P13835
P13836
P13837
P13838
P13839
P13840
P13841
P13842
P13843
P13844
P13845
P13846
P13847
P13848
P13849
P13850
P13851
P13852
P13853
P13854
P13855
P13856
P13857
P13858
P13859
P13860
P13861
P13862
P13863
P13864
P13865
P13866
P13867
P13868
P13869
P13870
P13871
P13872
P13873
P13874
P13875
P13876
P13877
P13878
P13879
P13880
P13881
P13882
P13883
P13884
P13885
P13886
P13887
P13888
P13889
P13890
P13891
P13892
P13893
P13894
P13895
P13896
P13897
P13898
P13899
P13900
P13901
P13902
P13903
P13904
P13905
P13906
P13907
P13908
P13909
P13910
P13911
P13912
P13913
P13914
P13915
P13916
P13917
P13918
P13919
P13920
P13921
P13922
P13923
P13924
P13925
P13926
P13927
P13928
P13929
P13930
P13931
P13932
P13933
P13934
P13935
P13936
P13937
P13938
P13939
P13940
P13941
P13942
P13943
P13944
P13945
P13946
P13947
P13948
P13949
P13950
P13951
P13952
P13953
P13954
P13955
P13956
P13957
P13958
P13959
P13960
P13961
P13962
P13963
P13964
P13965
P13966
P13967
P13968
P13969
P13970
P13971
P13972
P13973
P13974
P13975
P13976
P13977
P13978
P13979
P13980
P13981
P13982
P13983
P13984
P13985
P13986
P13987
P13988
P13989
P13990
P13991
P13992
P13993
P13994
P13995
P13996
P13997
P13998
P13999
P14000
P14001
P14002
P14003
P14004
P14005
P14006
P14007
P14008
P14009
P14010
P14011
P14012
P14013
P14014
P14015
P14016
P14017
P14018
P14019
P14020
P14021
P14022
P14023
P14024
P14025
P14026
P14027
P14028
P14029
P14030
P14031
P14032
P14033
P14034
P14035
P14036
P14037
P14038
P14039
P14040
P14041
P14042
P14043
P14044
P14045
P14046
P14047
P14048
P14049
P14050
P14051
P14052
P14053
P14054
P14055
P14056
P14057
P14058
P14059
P14060
P

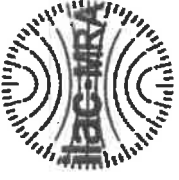


110 Benner Circle
Belleville, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	—%	1,009.0 µg/mL	+/- 55.9920

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Handwritten notes and signatures:

- Signature: *[Signature]*
- Date: *11/19/24*
- Text: *P13779*
- Text: *P13773*

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

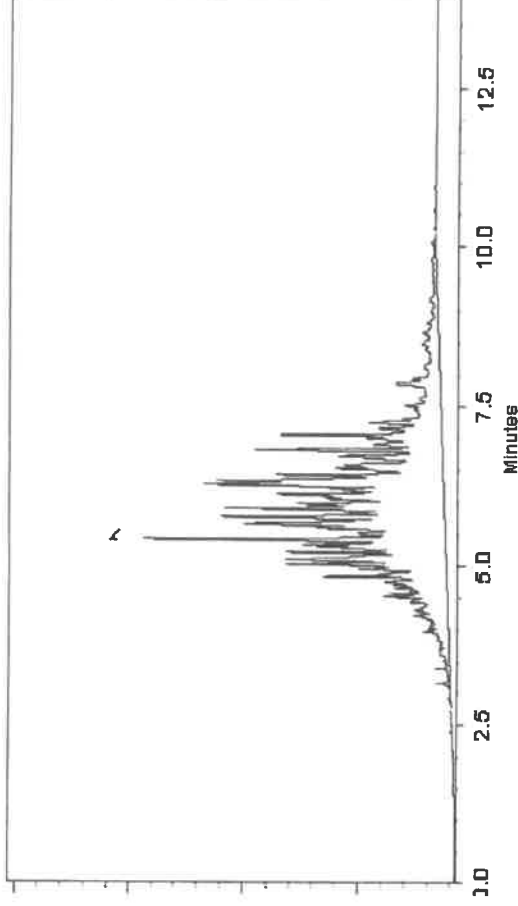
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397

Handwritten notes and signatures:

- Signature:
- Signature:
- Signature:
- Text: P13773
- Text: P19779
- Text: A7
- Text: 11/19/24
- Text: 10-5-20



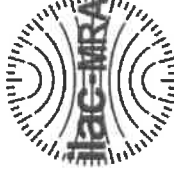
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

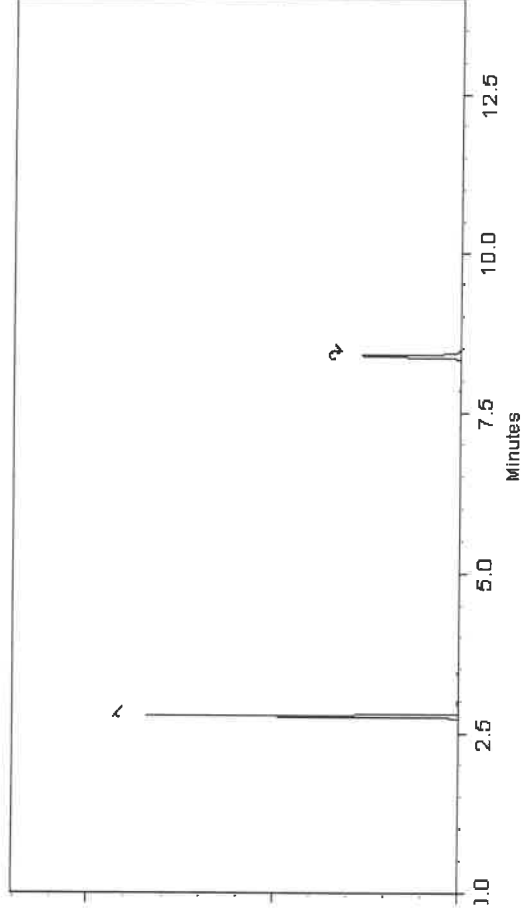
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



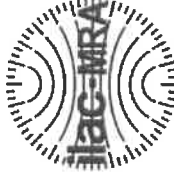
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

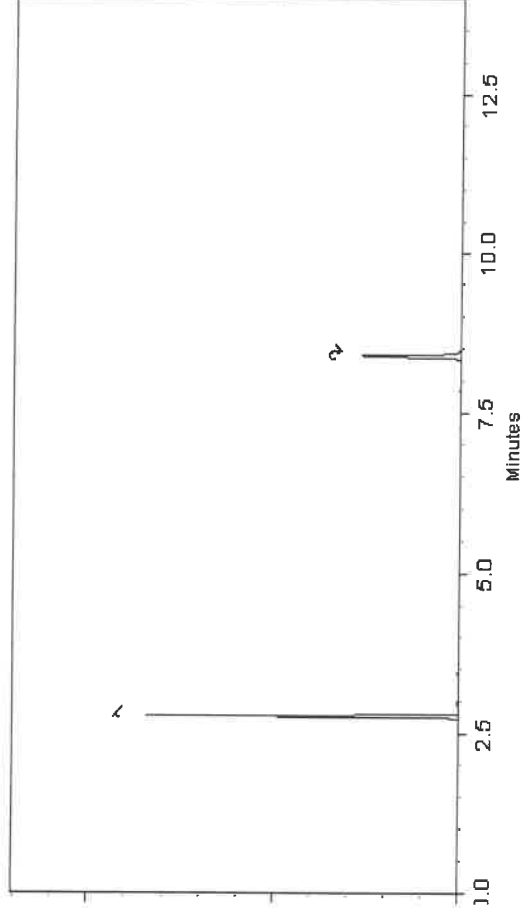
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A.O.P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

J.Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



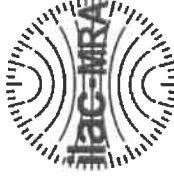
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

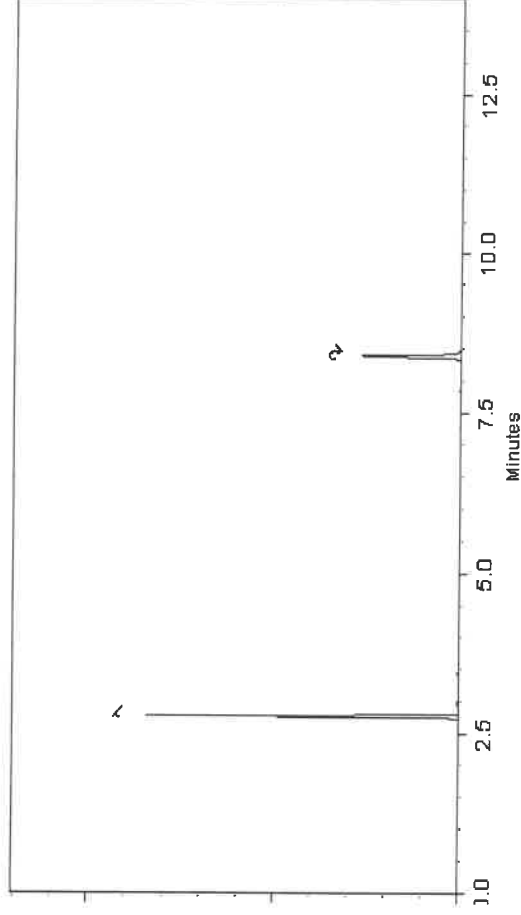
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0210240
Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2028 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

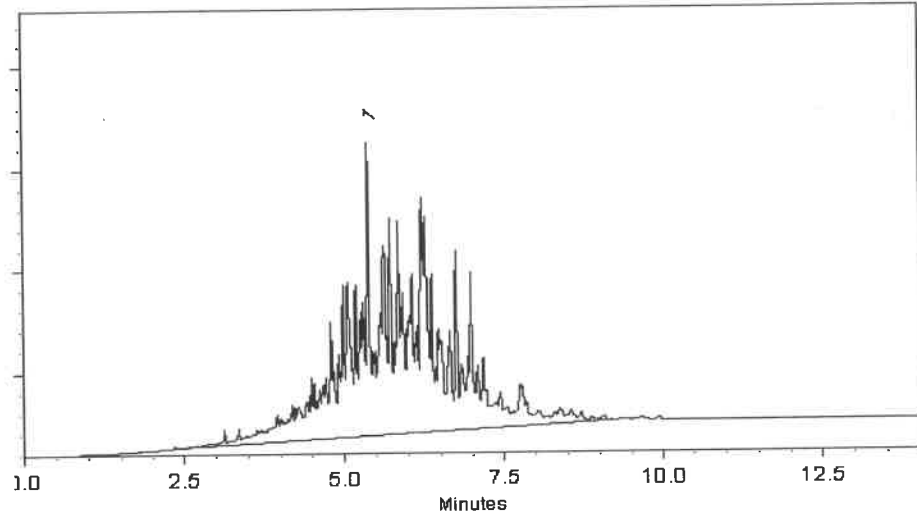
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

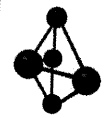

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13861 } ②
P13862 }


12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**
Lot Number: **112018**
Description: **n-Tetracosane-d50**

Expiration Date: **112028**
Recommended Storage: **Ambient (20 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **2684186**

Weight(s) shown below were combined and diluted to (mL):

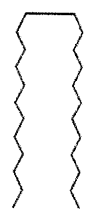
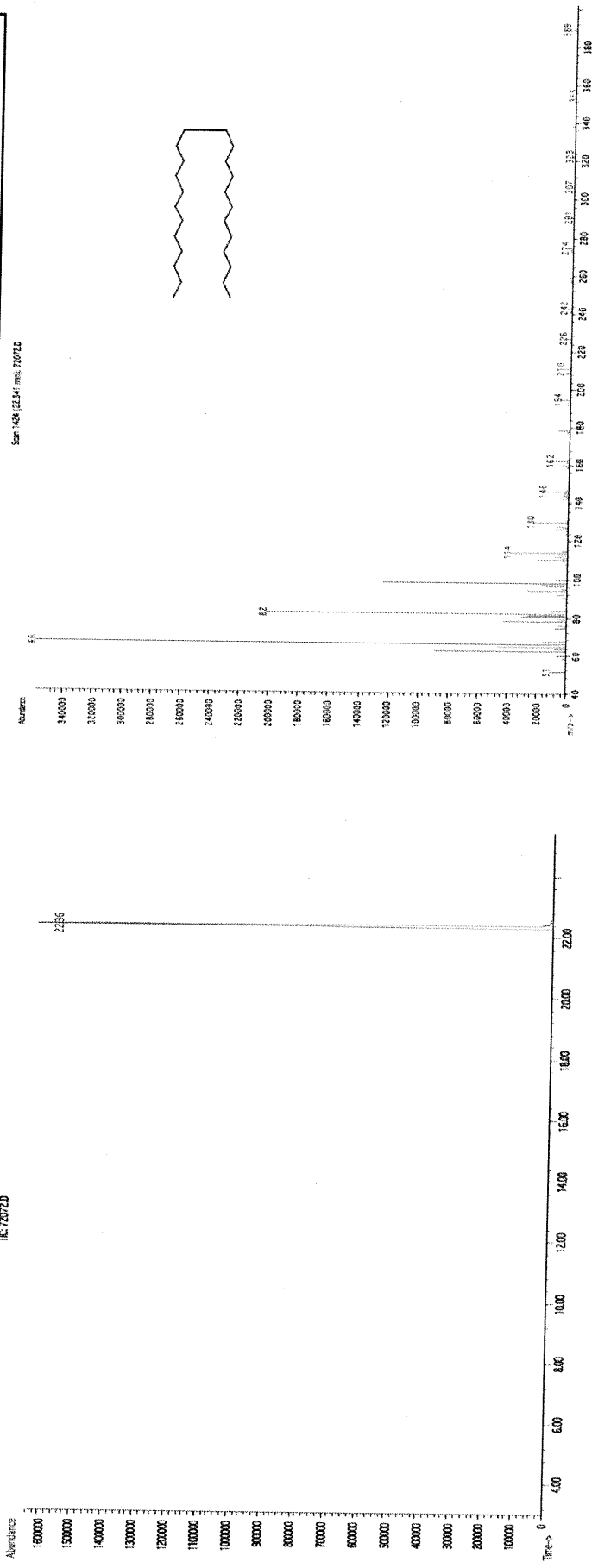
Solvent(s): **Methylene chloride**
Lot# **102669**

Received by
SG on 11/11/19
p9044-p9053
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

<i>Prashant Chauhan</i>	
Formulated By:	Prashant Chauhan
DATE	112018
<i>Pedro Rentas</i>	
Reviewed By:	Pedro Rentas
DATE	112018

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	18416-32-3 N/A
Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.										

TC 720720



• The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
• Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
• All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
• Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

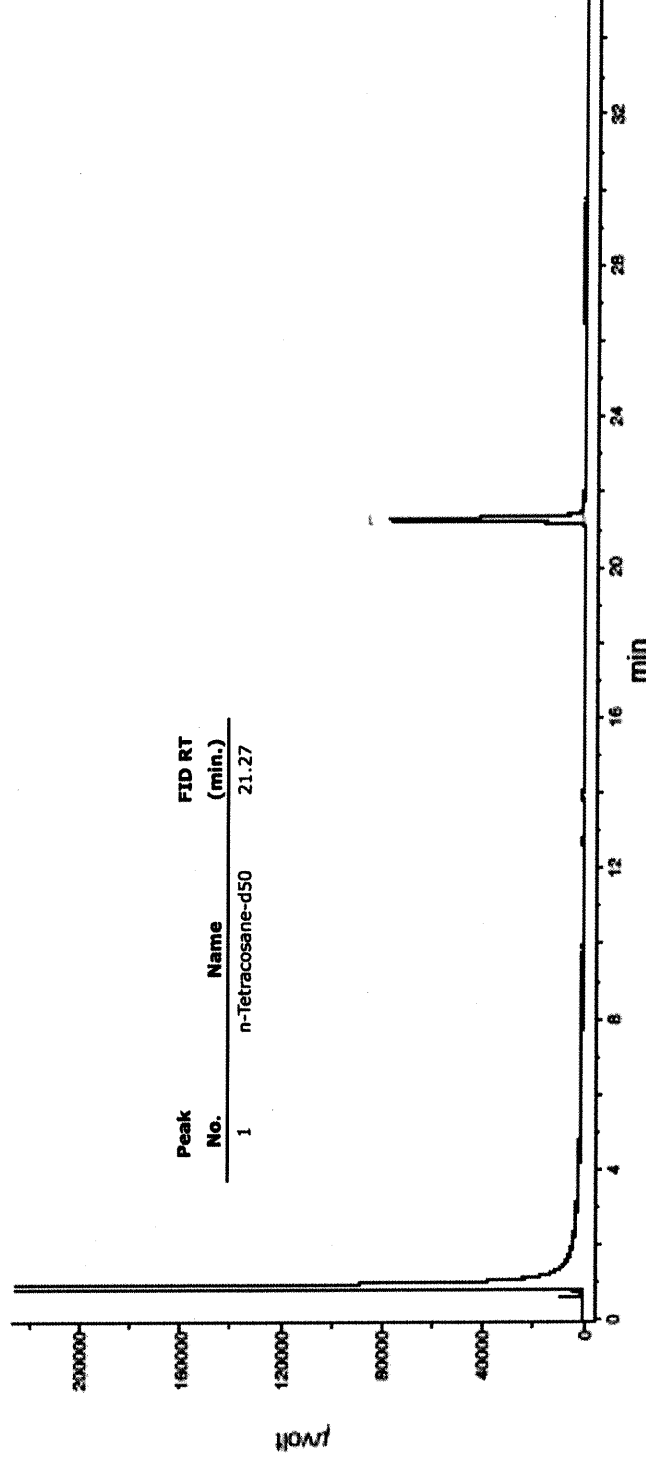
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3





SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

23181

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH *	I/C/R	PCBs	Oil & Grease	
1	2	3	4	5	6	7	8	9	
									* For TCLP pH - include preparatory information for TCLP leachate

PRESERVATIVES

COMMENTS

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A3-01-G	Soil		X	9/24	12:00	1	X									
2.	WC-A3-01-C	Soil	X		9/24	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A3-02-G	Soil		X	9/24	12:00	1	X									
4.	WC-A3-02-C	Soil	X		9/24	12:00	11		X	X	X	X	X	X	X	X	
5.	WC-A3-03-G	Soil		X	9/24	12:00	1	X									
6.	WC-A3-03-C	Soil	X		9/24	12:00	11		X	X	X	X	X	X	X	X	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 9-24 12:00	RECEIVED BY 	1230	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0°C
RELINQUISHED BY	DATE/TIME	RECEIVED BY	9-24-25	Comments:
2.		2.		
RELINQUISHED BY 	DATE/TIME 9-24-25	RECEIVED FOR LAB BY		
3.		3.		

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 3181

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format

ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH (9045D)	Paint Filter		
10	11	12	13	14	15	16		

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME										
								1	2	3	4	5	6	7	8	
1.	WC-A3-01-G	Soil		X	9/24	12:00	1									
2.	WC-A3-01-C	Soil	X		9/24	12:00	11	X	X	X	X	X	X	X		
3.	WC-A3-02-G	Soil		X	9/24	12:00	1									
4.	WC-A3-02-C	Soil	X		9/24	12:00	11	X	X	X	X	X	X	X		
5.	WC-A3-03-G	Soil		X	9/24	12:00	1									
6.	WC-A3-03-C	Soil	X		9/24	12:00	11	X	X	X	X	X	X	X		
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 9-24-12	RECEIVED BY 	1238 9-24-12	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3-0 C ☐ Ice in Cooler?
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.		Comments:
RELINQUISHED BY 	DATE/TIME 9-24-12	RECEIVED FOR LAB BY 3.		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight
			Page _____ of _____	Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312