

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RFP 905

WESTON SOLUTIONS, INC.
1090 King Georges Post Road
Suite 201
Edison, NJ - 08837-3703
Phone No: 732-585-4410

ORDER ID : Q3447
ATTENTION : Smita Sumbaly



Laboratory Certification ID # 20012



1) TCLP PESTICIDE Data	2
2) Signature Page	4
3) Case Narrative	5
4) Qualifier Page	7
5) Conformance/Non Conformance	8
6) QA Checklist	10
7) Chronicle	11
8) Hit Summary	13
9) QC Data Summary For TCLP Pesticide	14
9.1) Deuterated Monitoring Compound Summary	15
9.2) MS/MSD Summary	17
9.3) LCS/LCSD Summary	19
9.4) Method Blank Summary	20
10) Sample Data	21
10.1) PB170239TB	22
10.2) P001-TW1-251023-01	26
10.3) P001-TW2-251023-01	30
10.4) P001-TW3-251023-01	34
10.5) P001-TW4-251023-01	38
11) Calibration Data Summary	42
11.1) Initial Calibration Data	43
11.1.1) PD101725	43
11.2) Continued Calibration Data	145
11.2.1) PD090869.D	145
11.2.2) PD090880.D	163
11.2.3) PD090892.D	181
11.2.4) PD090961.D	199
11.2.5) PD090969.D	217
11.2.6) PEM Files	235
11.3) RESCHK Data	265
11.4) Analytical Seq	273
12) Compound Detection Summary	275
13) QC Sample Data	278
13.1) Method Blank Data	279
13.2) PIBLK Data	283

Table Of Contents for Q3447

13.3) LCS Data	307
13.4) MS Data	322
13.5) MSD Data	337
14) Manual Integration	352
15) Analytical Runlogs	355
16) Extraction Logs	368
16.1) PB170239.pdf	368
16.2) PB170239IC.pdf	372
16.3) PB170270.pdf	373
16.4) PB170270IC.pdf	375
17) Standard Prep Logs	376
18) Shipping Document	423
18.1) Chain Of Custody	424
18.2) Lab Certificate	429
18.3) Internal COC	430

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

Cover Page

Order ID : Q3447

Project ID : RFP 905

Client : Weston Solutions, Inc.

Lab Sample Number

Q3447-01
Q3447-02
Q3447-03
Q3447-04
Q3447-05
Q3447-06
Q3447-07
Q3447-08

Client Sample Number

P001-TW1-251023-01
P001-TW1-251023-01
P001-TW2-251023-01
P001-TW2-251023-01
P001-TW3-251023-01
P001-TW3-251023-01
P001-TW4-251023-01
P001-TW4-251023-01

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 :

APPROVED

By *Nimisha Pandya, QA/QC Supervisor at 9:24 am, Nov 06, 2025*

Date: 11/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 905

Project # N/A

Order ID # Q3447

Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 10/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TCLP Pesticide. This data package contains results for TCLP Pesticide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df,; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PD090961.D met the requirements except for Heptachlor is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PD090969.D met the requirements except for Heptachlor is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.

E. Additional Comments:

F. Calculation for water sample:

$$\text{Concentration ug/L} = \frac{(A_x) (V_t) (DF) (GPC)}{(CF) (V_o) (V_i)}$$

Where,

A_x = Response (peak area or height) of the compound to be measured.

CF = Mean Calibration Factor from the initial calibration (area/ng).

V_o = Volume of water extracted in mL

V_t = Volume of the concentrated extract in uL

V_i = Volume of extract injected (uL).

GPC = $\frac{V_{in}}{V_{out}}$ = GPC factor (If no GPC is performed, GPC=1)

V_{in} = Volume of extract loaded onto GPC column.

V_{out} = Volume of extract collected after GPC cleanup

DF = Dilution Factor

G. Manual Integration Comments:

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

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

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:24 am, Nov 06, 2025

Signature _____

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



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3447

MATRIX: TCLP

METHOD: 8081B/3510/1311

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
The Initial Calibration met the requirements.			
The Continuous Calibration File ID PD090961.D met the requirements except for Heptachlor is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.			
The Continuous Calibration File ID PD090969.D met the requirements except for Heptachlor is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.			
4. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5. Surrogate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The MS recoveries met the requirements for all compounds.			
The MSD recoveries met the requirements for all compounds.			
The Blank Spike met requirements for all compounds.			
The RPD were met for all analysis.			
7. Retention Time Shift Meet Criteria (if applicable)			✓
Comments:			
8. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:24 am, Nov 06, 2025

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3447

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: SOHIL JODHANI

Date: 11/06/2025

LAB CHRONICLE

OrderID:	Q3447	OrderDate:	10/23/2025 1:50:00 PM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3447-01	P001-TW1-251023-01	SOIL			10/23/25			10/23/25
			PCB	8082A		10/24/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/24/25	
Q3447-01RE	P001-TW1-251023-01 RE	SOIL			10/23/25			10/23/25
			PCB	8082A		10/24/25	10/28/25	
Q3447-02	P001-TW1-251023-01	TCLP			10/23/25			10/23/25
			TCLP Herbicide	8151A		10/27/25	10/28/25	
			TCLP Pesticide	8081B		10/27/25	10/28/25	
Q3447-03	P001-TW2-251023-01	SOIL			10/23/25			10/23/25
			PCB	8082A		10/24/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/27/25	
Q3447-03RE	P001-TW2-251023-01 RE	SOIL			10/23/25			10/23/25
			PCB	8082A		10/24/25	10/28/25	
Q3447-04	P001-TW2-251023-01	TCLP			10/23/25			10/23/25
			TCLP Herbicide	8151A		10/27/25	10/28/25	
			TCLP Pesticide	8081B		10/27/25	10/28/25	
Q3447-04RE	P001-TW2-251023-01 RE	TCLP			10/23/25			10/23/25
			TCLP Herbicide	8151A		10/27/25	10/28/25	
Q3447-05	P001-TW3-251023-01	SOIL			10/23/25			10/23/25
			Pesticide-TCL	8081B		10/23/25	10/24/25	
			PCB	8082A		10/24/25	10/27/25	
Q3447-06	P001-TW3-251023-01	TCLP			10/23/25			10/23/25

LAB CHRONICLE

Q3447-06RE	P001-TW3-251023-01 RE	TCLP	TCLP Herbicide	8151A	10/27/25	10/28/25	10/23/25	10/23/25
			TCLP Pesticide	8081B	10/27/25	10/28/25		
Q3447-07	P001-TW4-251023-01	SOIL	TCLP Herbicide	8151A	10/27/25	10/28/25	10/23/25	10/23/25
			Pesticide-TCL PCB	8081B 8082A	10/23/25 10/24/25	10/24/25 10/27/25		
Q3447-08	P001-TW4-251023-01	TCLP	TCLP Herbicide	8151A	10/27/25	10/28/25	10/23/25	10/23/25
			TCLP Pesticide	8081B	10/27/25	10/28/25		
Q3447-08RE	P001-TW4-251023-01 RE	TCLP	TCLP Herbicide	8151A	10/27/25	10/28/25	10/23/25	10/23/25

Hit Summary Sheet
SW-846

SDG No.: Q3447

Order ID: Q3447

Client: Weston Solutions, Inc.

Project ID: RFP 905

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

Total Concentration: 0.000



QC SUMMARY

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Surrogate Summary

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090867.D	PIBLK-PD090867.D	Decachlorobiphen	1	20	22.0	110		57	171
		Tetrachloro-m-xyl	1	20	21.7	109		61	148
		Decachlorobiphen	2	20	24.7	124		57	171
		Tetrachloro-m-xyl	2	20	21.9	110		61	148
Q3447-02	P001-TW1-251023-01	Decachlorobiphen	1	20	18.4	92		57	171
		Tetrachloro-m-xyl	1	20	16.4	82		61	148
		Decachlorobiphen	2	20	19.7	98		57	171
		Tetrachloro-m-xyl	2	20	18.1	90		61	148
Q3447-02MS	P001-TW1-251023-01MS	Decachlorobiphen	1	20	20.1	101		57	171
		Tetrachloro-m-xyl	1	20	16.7	84		61	148
		Decachlorobiphen	2	20	21.1	106		57	171
		Tetrachloro-m-xyl	2	20	19.1	96		61	148
Q3447-02MSD	P001-TW1-251023-01MSD	Decachlorobiphen	1	20	20.3	101		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	21.0	105		57	171
		Tetrachloro-m-xyl	2	20	19.3	96		61	148
Q3447-04	P001-TW2-251023-01	Decachlorobiphen	1	20	16.2	81		57	171
		Tetrachloro-m-xyl	1	20	17.4	87		61	148
		Decachlorobiphen	2	20	16.9	85		57	171
		Tetrachloro-m-xyl	2	20	17.8	89		61	148
Q3447-06	P001-TW3-251023-01	Decachlorobiphen	1	20	18.0	90		57	171
		Tetrachloro-m-xyl	1	20	19.1	96		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	19.4	97		61	148
Q3447-08	P001-TW4-251023-01	Decachlorobiphen	1	20	20.8	104		57	171
		Tetrachloro-m-xyl	1	20	18.2	91		61	148
		Decachlorobiphen	2	20	22.3	111		57	171
		Tetrachloro-m-xyl	2	20	18.1	91		61	148
I.BLK-PD090879.D	PIBLK-PD090879.D	Decachlorobiphen	1	20	23.1	115		57	171
		Tetrachloro-m-xyl	1	20	21.6	108		61	148
		Decachlorobiphen	2	20	24.9	125		57	171
		Tetrachloro-m-xyl	2	20	21.8	109		61	148
PB170239TB	PB170239TB	Decachlorobiphen	1	20	20.9	105		57	171
		Tetrachloro-m-xyl	1	20	19.1	96		61	148
		Decachlorobiphen	2	20	22.6	113		57	171
		Tetrachloro-m-xyl	2	20	19.5	98		61	148
PB170270BS	PB170270BS	Decachlorobiphen	1	20	19.8	99		57	171

Surrogate Summary

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB170270BS	PB170270BS	Tetrachloro-m-xyl	1	20	15.3	77		61	148
		Decachlorobiphen	2	20	22.0	110		57	171
I.BLK-PD090891.D	PIBLK-PD090891.D	Tetrachloro-m-xyl	2	20	15.1	76		61	148
		Decachlorobiphen	1	20	22.8	114		57	171
		Tetrachloro-m-xyl	1	20	21.5	108		61	148
		Decachlorobiphen	2	20	23.0	115		57	171
I.BLK-PD090959.D	PIBLK-PD090959.D	Tetrachloro-m-xyl	2	20	21.6	108		61	148
		Decachlorobiphen	1	20	19.7	98		57	171
		Tetrachloro-m-xyl	1	20	19.9	100		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
PB170270BL	PB170270BL	Tetrachloro-m-xyl	2	20	21.1	106		61	148
		Decachlorobiphen	1	20	20.3	102		57	171
		Tetrachloro-m-xyl	1	20	20.0	100		61	148
		Decachlorobiphen	2	20	20.4	102		57	171
I.BLK-PD090968.D	PIBLK-PD090968.D	Tetrachloro-m-xyl	2	20	20.8	104		61	148
		Decachlorobiphen	1	20	19.3	96		57	171
		Tetrachloro-m-xyl	1	20	19.9	100		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3447</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090874.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		
			Result	Result							High	RPD	
Lab Sample ID:	Q3447-02MS	Client Sample ID:		P001-TW1-251023-01MS									
	(Column 1)												
	gamma-BHC (Lindane)	5	0	4.40	ug/L	88				60	152		
	Heptachlor	5	0	5.30	ug/L	106				56	147		
	Heptachlor epoxide	5	0	4.90	ug/L	98				77	143		
	Endrin	5	0	5.90	ug/L	118				76	144		
	Methoxychlor	5	0	5.30	ug/L	106				70	142		
Lab Sample ID:	Q3447-02MS	Client Sample ID:		P001-TW1-251023-01MS									
	(Column 2)												
	gamma-BHC (Lindane)	5	0	3.90	ug/L	78				60	152		
	Heptachlor	5	0	4.10	ug/L	82				56	147		
	Heptachlor epoxide	5	0	4.10	ug/L	82				77	143		
	Endrin	5	0	4.40	ug/L	88				76	144		
	Methoxychlor	5	0	4.90	ug/L	98				70	142		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3447</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	DataFile :	<u>PD090875.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	Qual	RPD	Qual	Low	High	
Lab Sample ID:	Q3447-02MSD	Client Sample ID:		P001-TW1-251023-01MSD									
	(Column 1)												
	gamma-BHC (Lindane)	5	0	4.50	ug/L	90		2		60	152		20
	Heptachlor	5	0	5.30	ug/L	106		0		56	147		20
	Heptachlor epoxide	5	0	4.90	ug/L	98		0		77	143		20
	Endrin	5	0	5.90	ug/L	118		0		76	144		20
	Methoxychlor	5	0	5.30	ug/L	106		0		70	142		20
Lab Sample ID:	Q3447-02MSD	Client Sample ID:		P001-TW1-251023-01MSD									
	(Column 2)												
	gamma-BHC (Lindane)	5	0	3.90	ug/L	78		0		60	152		20
	Heptachlor	5	0	4.10	ug/L	82		0		56	147		20
	Heptachlor epoxide	5	0	4.10	ug/L	82		0		77	143		20
	Endrin	5	0	4.40	ug/L	88		0		76	144		20
	Methoxychlor	5	0	4.90	ug/L	98		0		70	142		20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3447</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Weston Solutions, Inc.</u>	Datafile :	<u>PD090884.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170270BS (Column 1)	gamma-BHC (Lindane)	0.5	0.47	ug/L	94				82	129		
	Heptachlor	0.5	0.56	ug/L	111				79	127		
	Heptachlor epoxide	0.5	0.49	ug/L	97				81	124		
	Endrin	0.5	0.47	ug/L	93				81	128		
	Methoxychlor	0.5	0.48	ug/L	95				78	108		
PB170270BS (Column 2)	gamma-BHC (Lindane)	0.5	0.45	ug/L	90				82	129		
	Heptachlor	0.5	0.46	ug/L	92				79	127		
	Heptachlor epoxide	0.5	0.45	ug/L	90				81	124		
	Endrin	0.5	0.46	ug/L	92				81	128		
	Methoxychlor	0.5	0.47	ug/L	95				78	108		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170270BL

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: PB170270BL

Lab File ID: PD090962.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/27/2025

Date Analyzed (1): 11/05/2025

Date Analyzed (2): 11/05/2025

Time Analyzed (1): 10:12

Time Analyzed (2): 10:12

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
P001-TW1-251023-01	Q3447-02	PD090873.D	10/28/2025	10/28/2025
P001-TW1-251023-01MS	Q3447-02MS	PD090874.D	10/28/2025	10/28/2025
P001-TW1-251023-01MSD	Q3447-02MSD	PD090875.D	10/28/2025	10/28/2025
P001-TW2-251023-01	Q3447-04	PD090876.D	10/28/2025	10/28/2025
P001-TW3-251023-01	Q3447-06	PD090877.D	10/28/2025	10/28/2025
P001-TW4-251023-01	Q3447-08	PD090878.D	10/28/2025	10/28/2025
PB170239TB	PB170239TB	PD090883.D	10/28/2025	10/28/2025
PB170270BS	PB170270BS	PD090884.D	10/28/2025	10/28/2025

COMMENTS: _____



SAMPLE DATA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected:	
Project: RFP 905	Date Received: 10/27/25	
Client Sample ID: PB170239TB	SDG No.: Q3447	
Lab Sample ID: PB170239TB	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	10/28/25 15:42	PB170270
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	10/28/25 15:42	PB170270
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	10/28/25 15:42	PB170270
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	10/28/25 15:42	PB170270
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	10/28/25 15:42	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 15:42	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 15:42	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.6			57 - 171	113%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.5			61 - 148	98%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:42
Operator : AR\AJ
Sample : PB170239TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170239TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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	2.873	59604314	581.6E6	19.140	19.530
2)	SA Decachlor...	9.070	8.060	97932277	684.8E6	20.935	22.606

Target Compounds

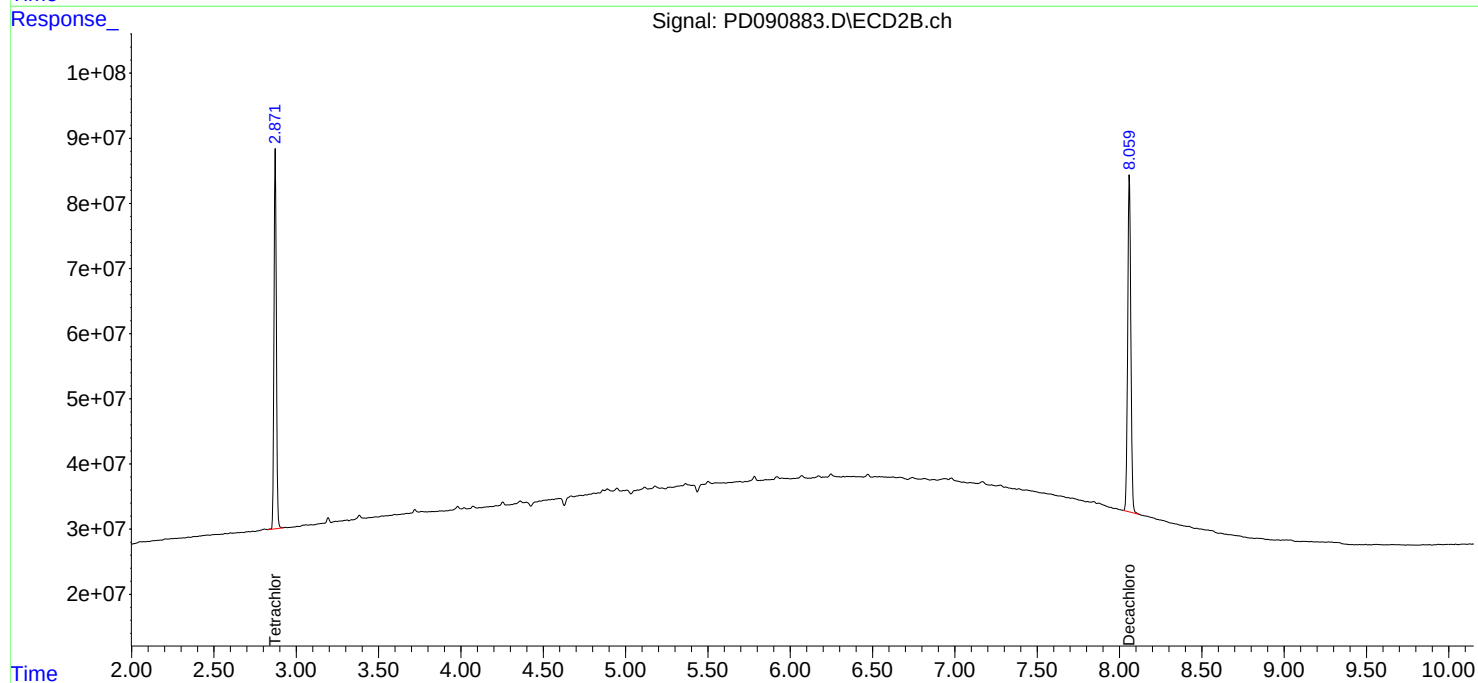
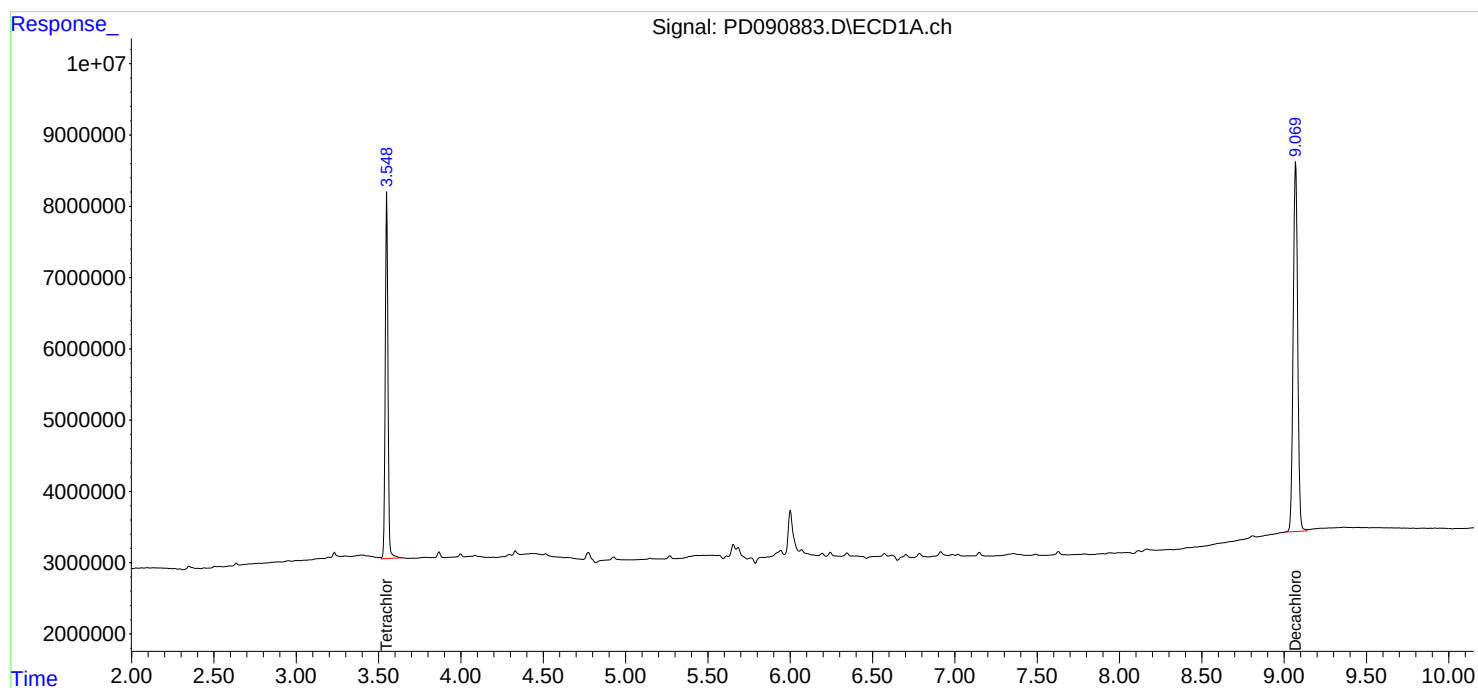
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

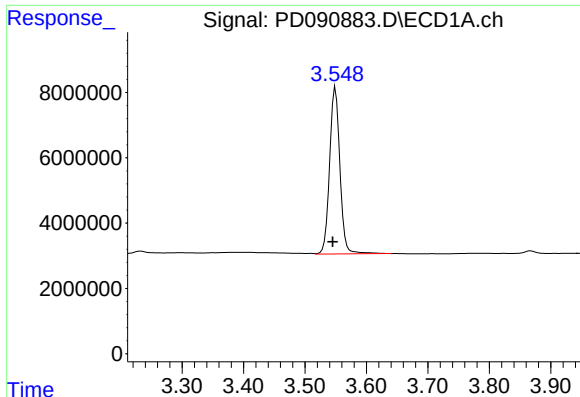
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:42
Operator : AR\AJ
Sample : PB170239TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170239TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

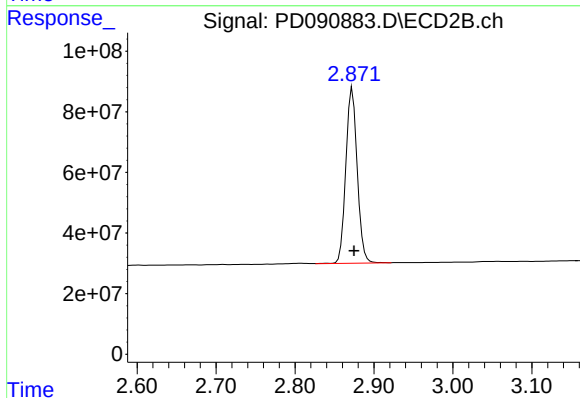




#1 Tetrachloro-m-xylene

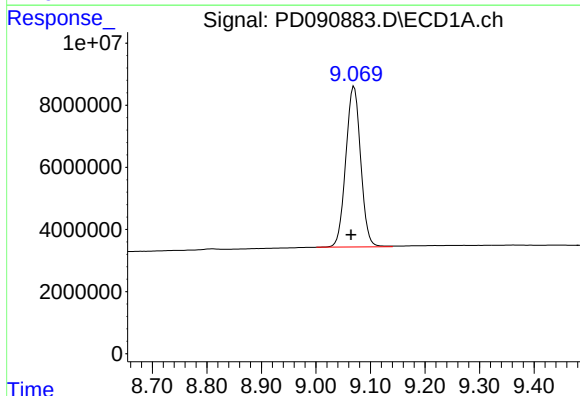
R.T.: 3.549 min
Delta R.T.: 0.004 min
Response: 59604314
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170239TB



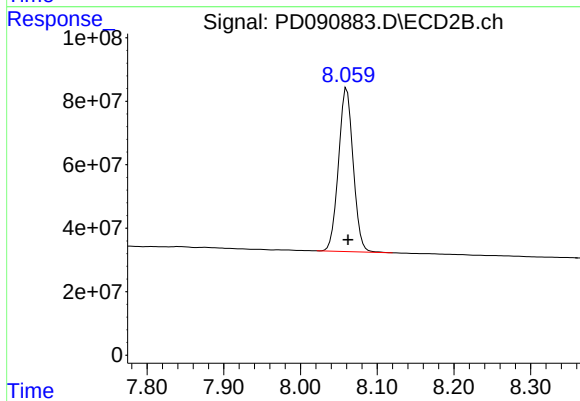
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 581553173
Conc: 19.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 97932277
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 684767436
Conc: 22.61 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW1-251023-01	SDG No.: Q3447	
Lab Sample ID: Q3447-02	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	10/28/25 11:40	PB170270
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	10/28/25 11:40	PB170270
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	10/28/25 11:40	PB170270
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	10/28/25 11:40	PB170270
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	10/28/25 11:40	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 11:40	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 11:40	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.7			57 - 171	98%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.1			61 - 148	90%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:40
Operator : AR\AJ
Sample : Q3447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	51076908	537.5E6	16.401	18.050
2)	SA Decachlor...	9.061	8.058	85879205	596.1E6	18.358	19.679

Target Compounds

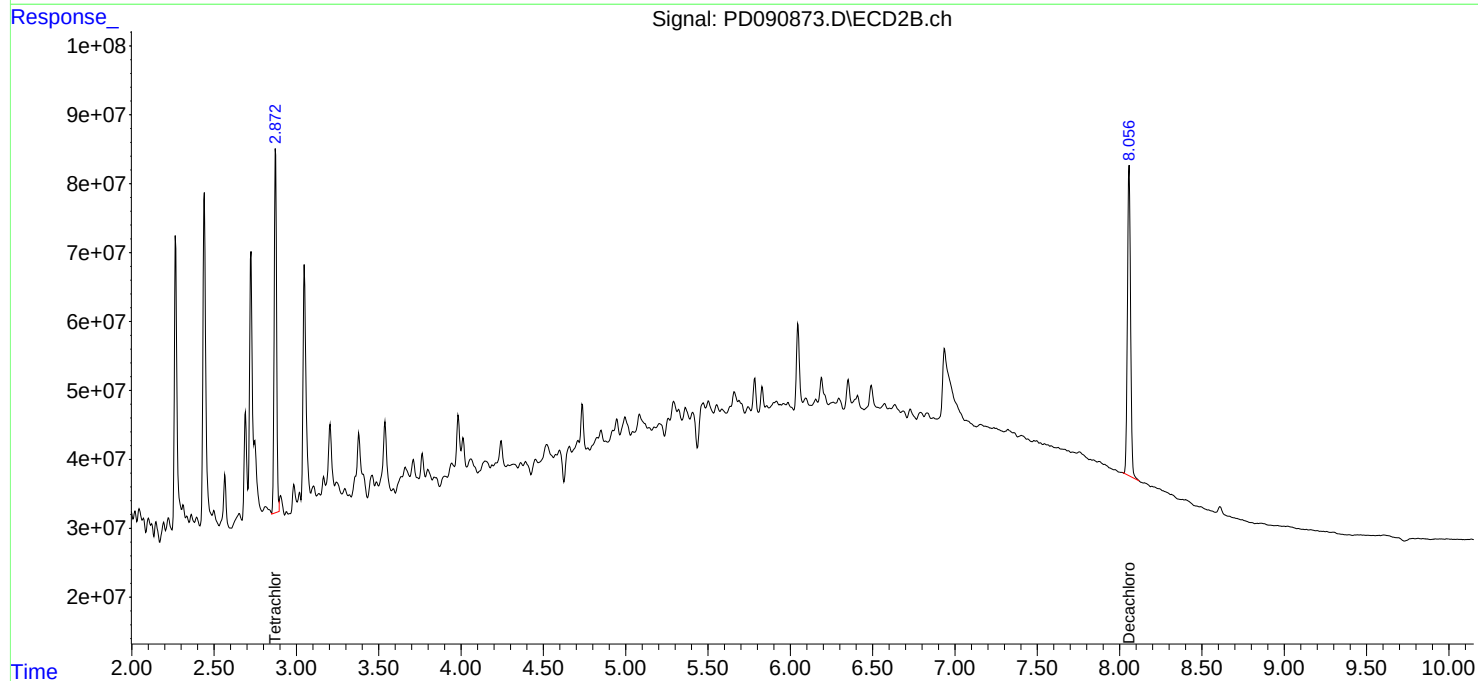
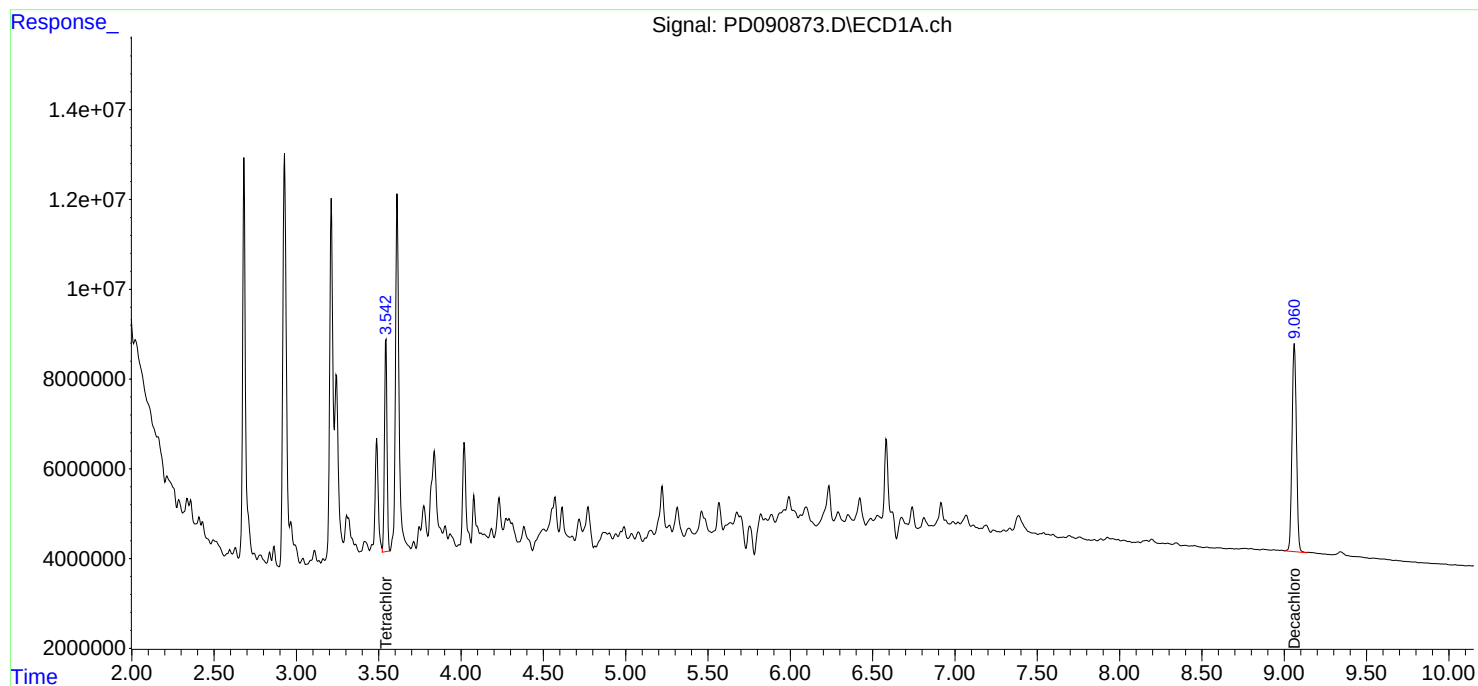
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

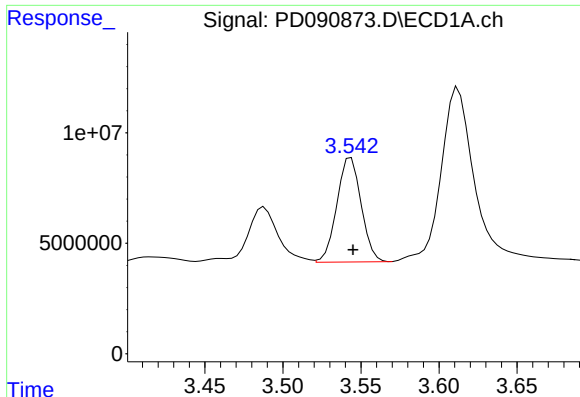
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:40
Operator : AR\AJ
Sample : Q3447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

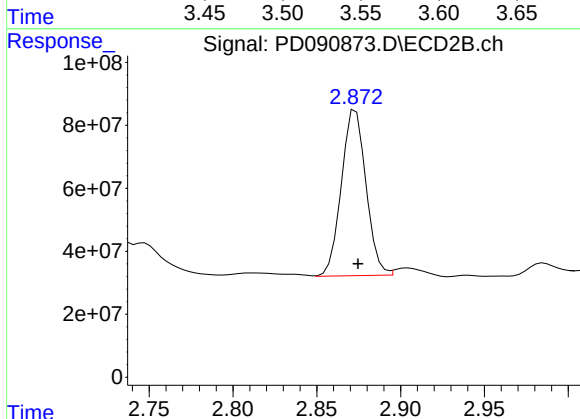




#1 Tetrachloro-m-xylene

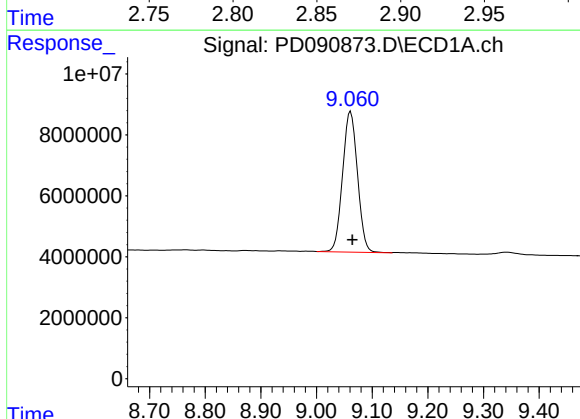
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 51076908
Conc: 16.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01



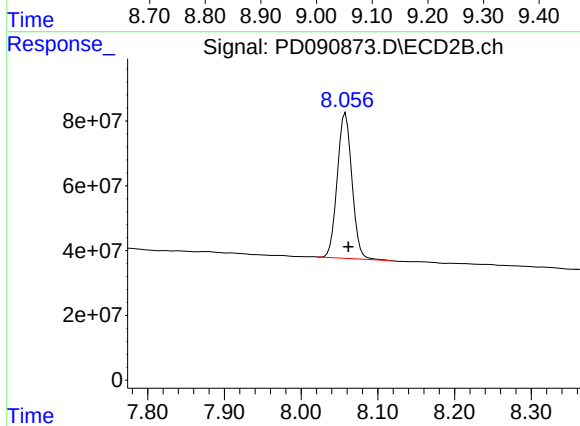
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 537486680
Conc: 18.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 85879205
Conc: 18.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 596097117
Conc: 19.68 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW2-251023-01	SDG No.: Q3447	
Lab Sample ID: Q3447-04	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	10/28/25 12:21	PB170270
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	10/28/25 12:21	PB170270
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	10/28/25 12:21	PB170270
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	10/28/25 12:21	PB170270
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	10/28/25 12:21	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 12:21	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 12:21	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.9			57 - 171	85%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.8			61 - 148	89%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:21
Operator : AR\AJ
Sample : Q3447-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW2-251023-01

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	54341002	531.2E6	17.450	17.838
2) SA Decachlor...	9.060	8.058	75680242	512.5E6	16.178m	16.918

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:21
Operator : AR\AJ
Sample : Q3447-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

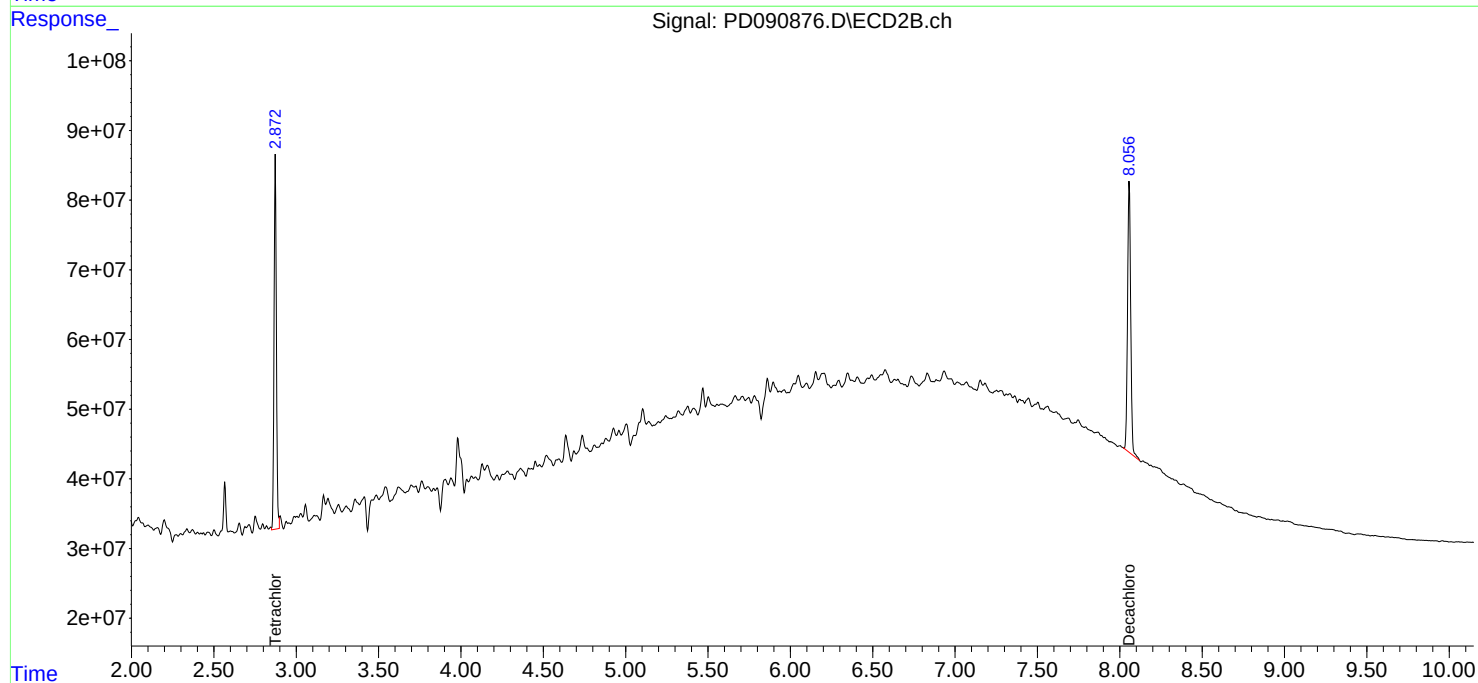
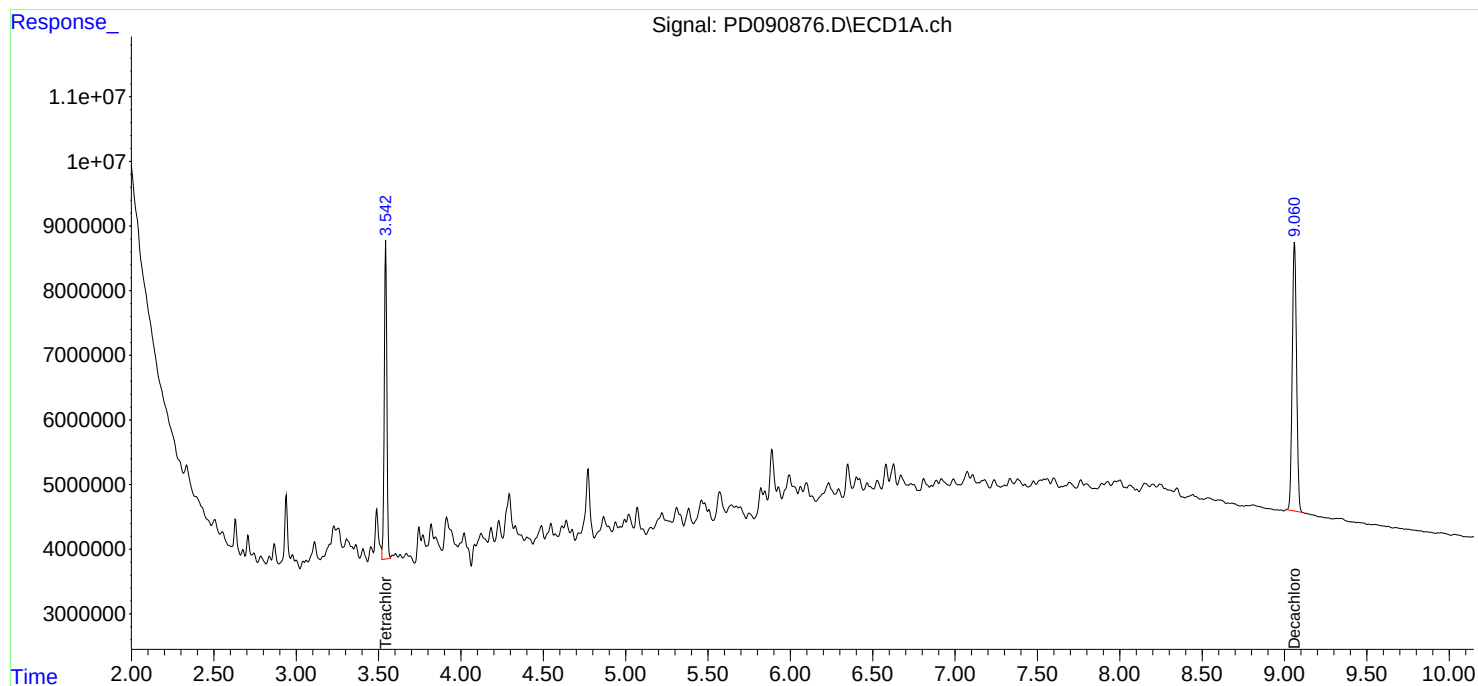
Instrument :
ECD_D
ClientSampleId :
P001-TW2-251023-01

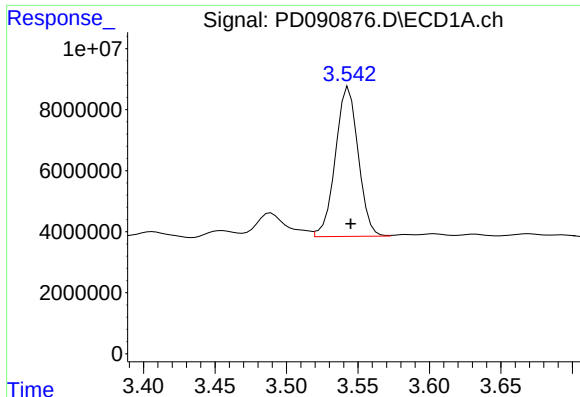
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2025
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





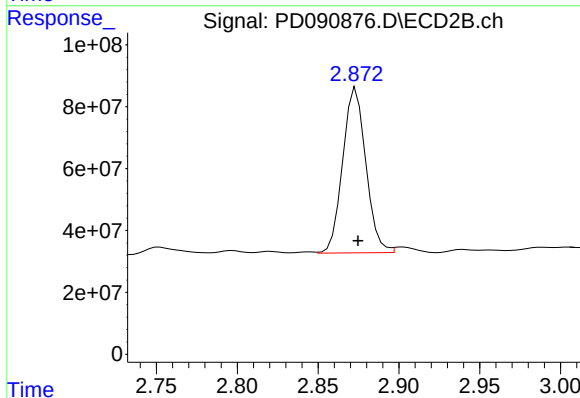
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 54341002
Conc: 17.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW2-251023-01

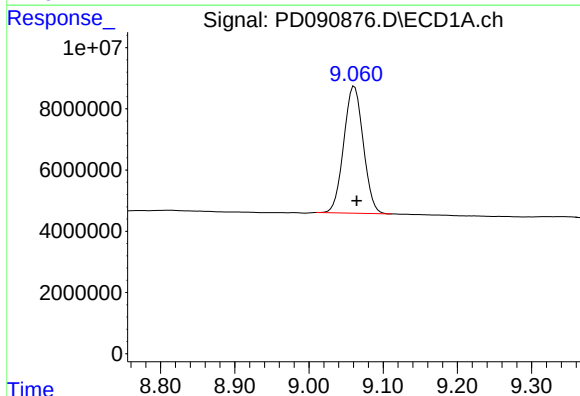
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



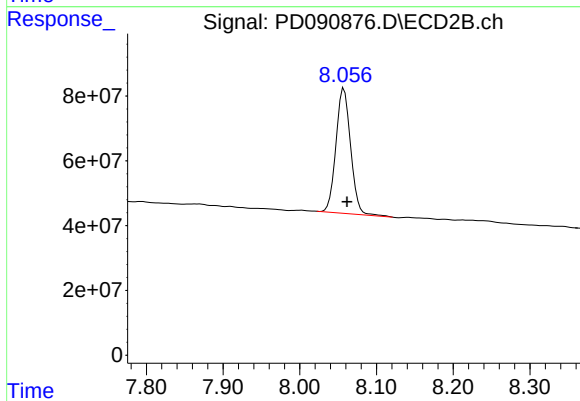
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 531168947
Conc: 17.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.004 min
Response: 75680242
Conc: 16.18 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 512477592
Conc: 16.92 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW3-251023-01	SDG No.: Q3447	
Lab Sample ID: Q3447-06	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	10/28/25 12:35	PB170270
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	10/28/25 12:35	PB170270
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	10/28/25 12:35	PB170270
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	10/28/25 12:35	PB170270
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	10/28/25 12:35	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 12:35	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 12:35	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.1			57 - 171	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			61 - 148	97%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:35
Operator : AR\AJ
Sample : Q3447-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW3-251023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	59506635	576.7E6	19.108	19.366
2) SA Decachlor...	9.061	8.058	84194714	577.4E6	17.998	19.062

Target Compounds

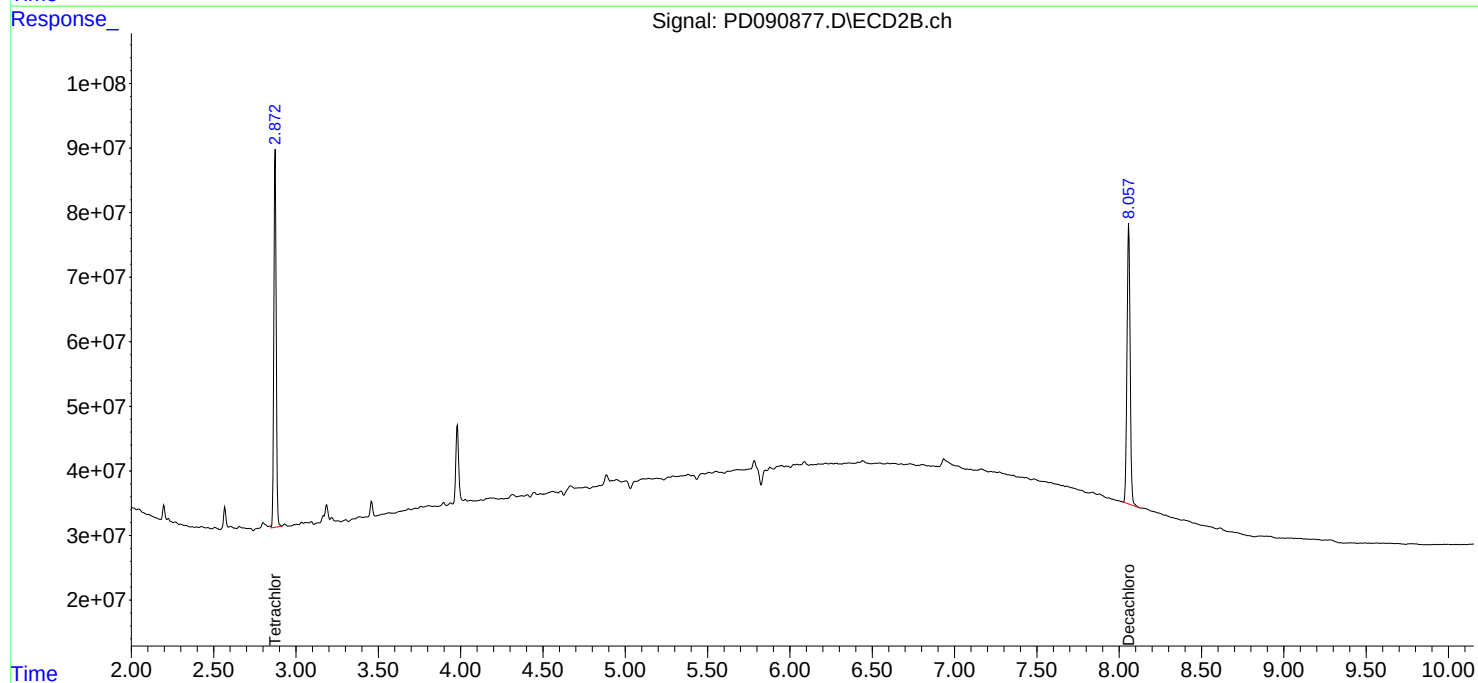
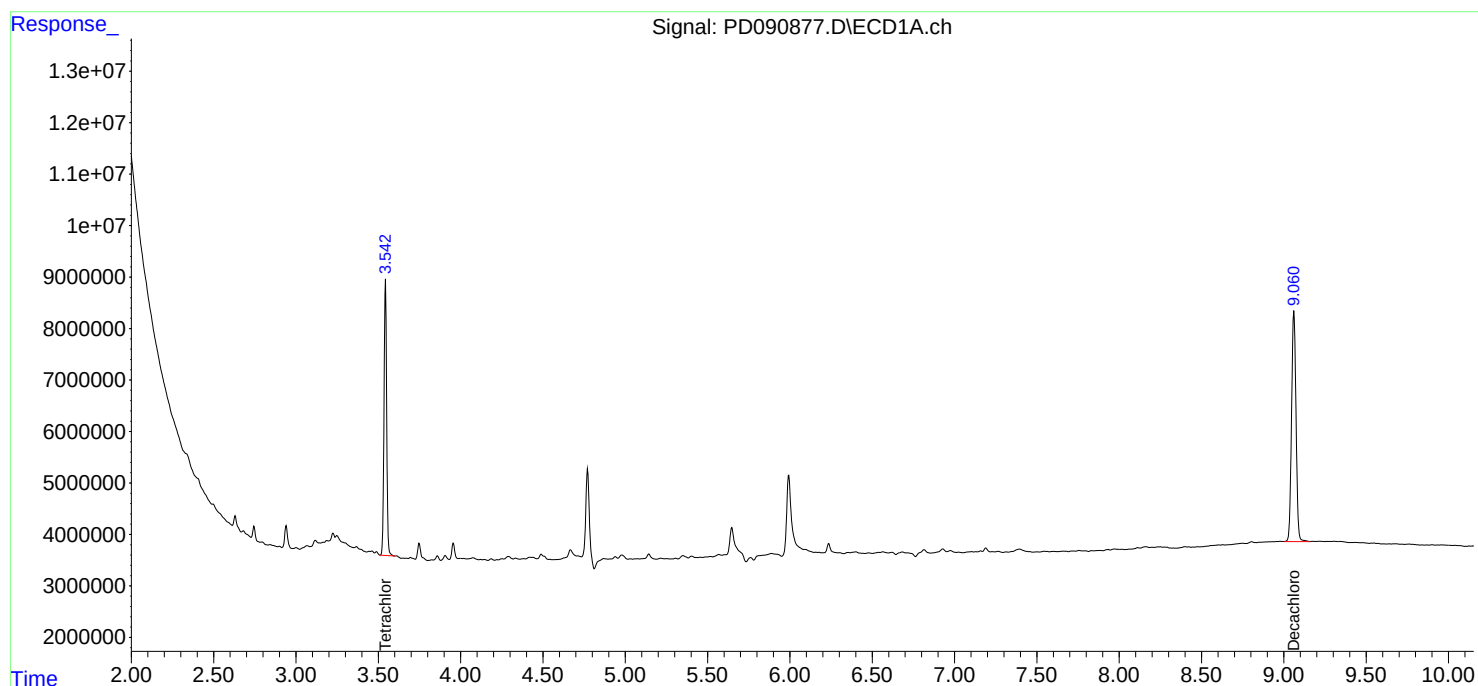
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

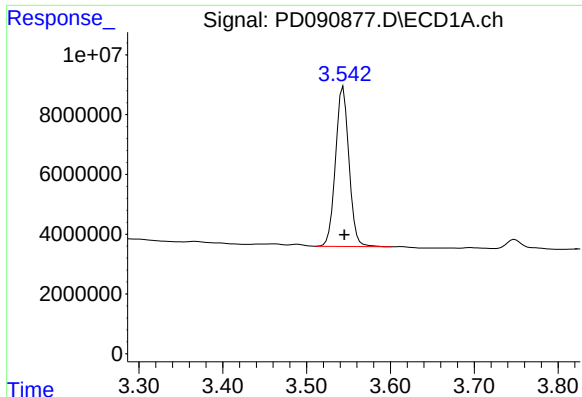
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:35
Operator : AR\AJ
Sample : Q3447-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW3-251023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

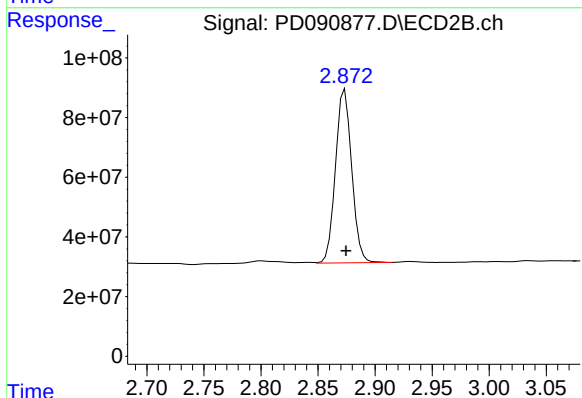




#1 Tetrachloro-m-xylene

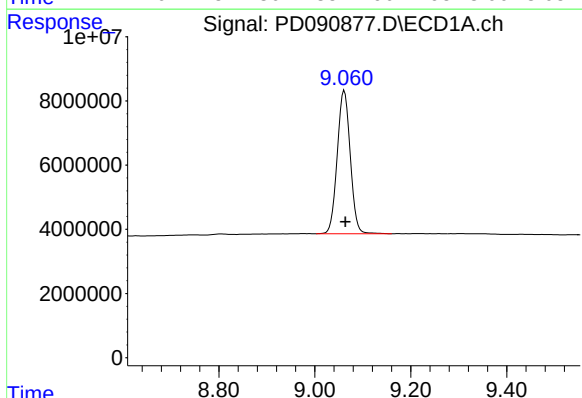
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 59506635
Conc: 19.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW3-251023-01



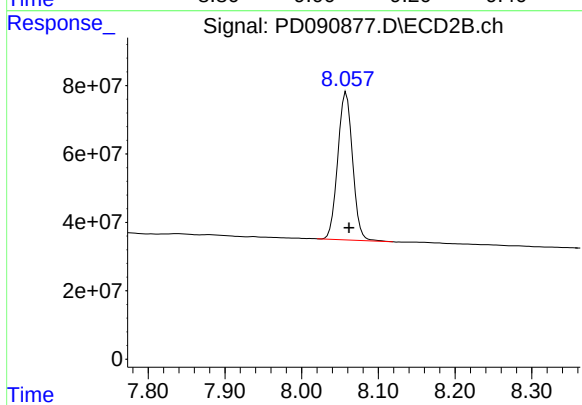
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 576675342
Conc: 19.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 84194714
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 577409687
Conc: 19.06 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW4-251023-01	SDG No.: Q3447	
Lab Sample ID: Q3447-08	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	10/28/25 12:48	PB170270
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	10/28/25 12:48	PB170270
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	10/28/25 12:48	PB170270
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	10/28/25 12:48	PB170270
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	10/28/25 12:48	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 12:48	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 12:48	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.3			57 - 171	111%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.2			61 - 148	91%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:48
Operator : AR\AJ
Sample : Q3447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
P001-TW4-251023-01

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.542	2.872	56706008	538.9E6	18.209m	18.099m
28) SA Decachlor...	9.062	8.058	97103288	674.0E6	20.758	22.251

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:48
Operator : AR\AJ
Sample : Q3447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

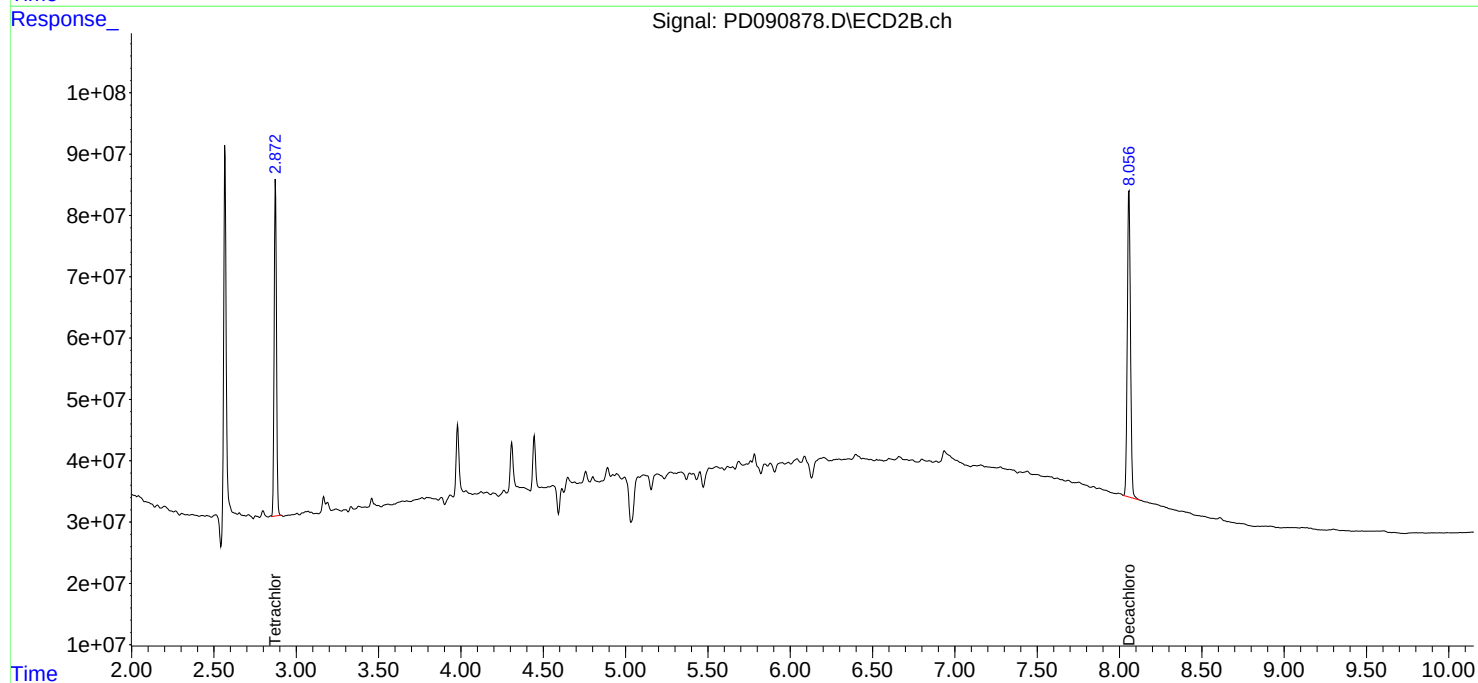
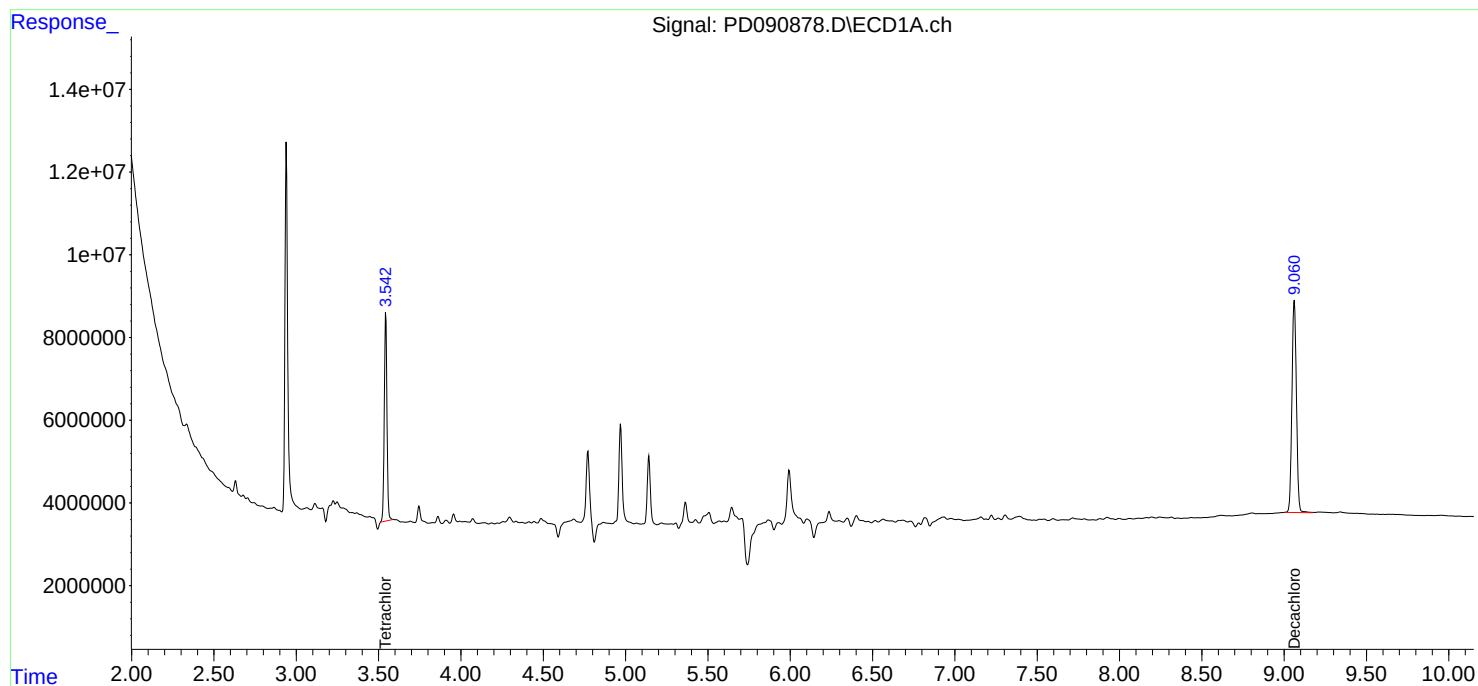
Instrument :
ECD_D
ClientSampleId :
P001-TW4-251023-01

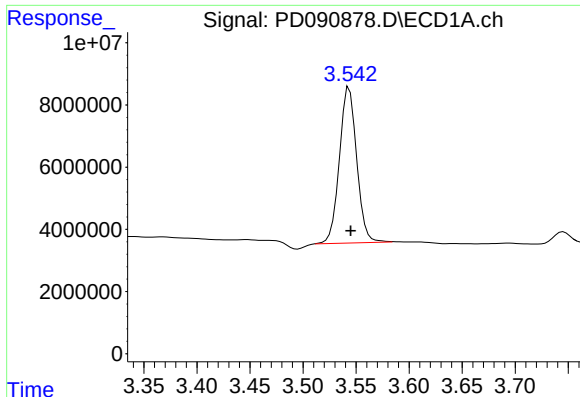
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2025
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





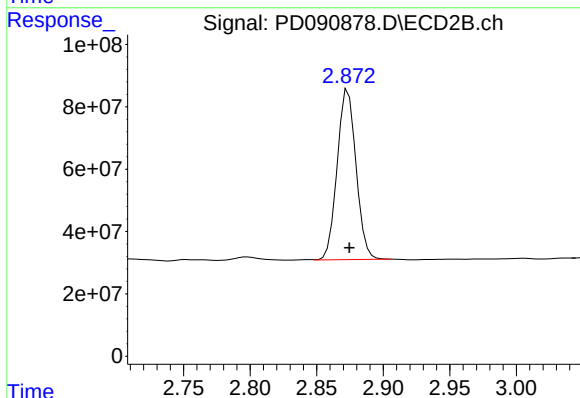
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 56706008
Conc: 18.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW4-251023-01

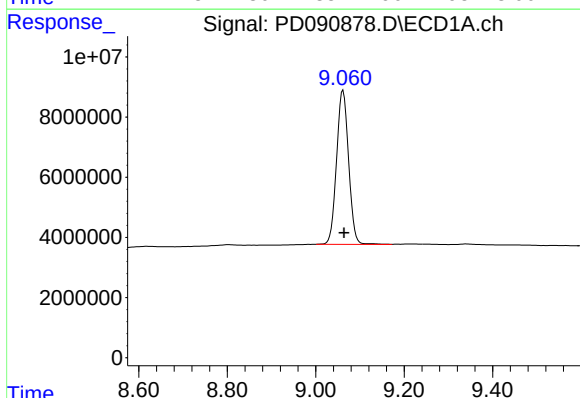
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



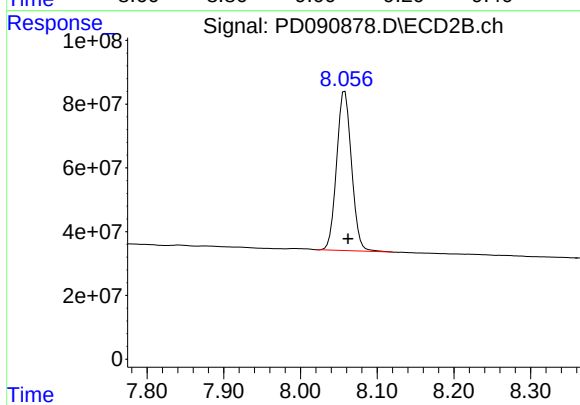
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 538947032
Conc: 18.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 97103288
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 674012898
Conc: 22.25 ng/ml



CALIBRATION SUMMARY

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3447</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3447</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ROYF02
SDG NO.: Q3447

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ROYF02
SDG NO.: Q3447

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025
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	185217000
		2	5.24	5.14	5.34	185731000
		3	5.94	5.84	6.04	758191000
		4	6.03	5.93	6.13	917583000
		5	6.87	6.77	6.97	148478000
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Instrument ID: ECD_D Date(s) Analyzed: 10/17/2025 10/17/2025

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	1210370000
		2	4.48	4.38	4.58	1263780000
		3	5.12	5.02	5.22	3771830000
		4	5.18	5.08	5.28	3251870000
		5	6.08	5.98	6.18	1460510000
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:34
 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: Oct 17 13:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.544	2.874	301.1E6	2790.3E6	99.682	98.737
28)	SA Decachlor...	9.066	8.061	436.1E6	2885.7E6	98.364	99.224
Target Compounds							
2)	A alpha-BHC	3.994	3.386	775.3E6	4911.8E6	103.334	99.427
3)	MA gamma-BHC...	4.324	3.722	718.6E6	4496.5E6	102.762	98.892
4)	MA Heptachlor	4.922	4.075	575.8E6	4127.2E6	101.879	97.673
5)	MB Aldrin	5.264	4.360	669.4E6	4308.4E6	101.342	97.787
6)	B beta-BHC	4.511	4.019	251.5E6	1829.7E6	99.502	97.902
7)	B delta-BHC	4.760	4.255	716.9E6	4532.5E6	102.853	98.756
8)	B Heptachlo...	5.685	4.864	579.6E6	3820.3E6	100.668	96.869
9)	A Endosulfan I	6.068	5.238	545.2E6	3572.9E6	100.030	96.676
10)	B gamma-Chl...	5.940	5.117	597.2E6	4192.1E6	100.988	97.867
11)	B alpha-Chl...	6.020	5.181	596.6E6	4000.4E6	100.230	97.693
12)	B 4,4'-DDE	6.190	5.366	543.6E6	4050.1E6	101.097	97.534
13)	MA Dieldrin	6.341	5.504	593.0E6	4060.1E6	100.951	97.019
14)	MA Endrin	6.568	5.780	503.6E6	3690.2E6	100.979	96.725
15)	B Endosulfa...	6.781	6.072	487.3E6	3427.0E6	99.879	96.941
16)	A 4,4'-DDD	6.700	5.920	415.1E6	3370.9E6	101.164	97.326
17)	MA 4,4'-DDT	7.016	6.174	425.7E6	3388.8E6	101.658	98.574
18)	B Endrin al...	6.910	6.250	350.6E6	2511.1E6	99.070	96.573
19)	B Endosulfa...	7.145	6.474	455.7E6	3296.3E6	100.010	97.059
20)	A Methoxychlor	7.489	6.745	205.0E6	1611.7E6	99.308	96.752
21)	B Endrin ke...	7.625	6.982	482.0E6	3446.0E6	100.390	97.056
22)	Mirex	8.107	7.175	295.5E6	2331.6E6	97.723	97.238

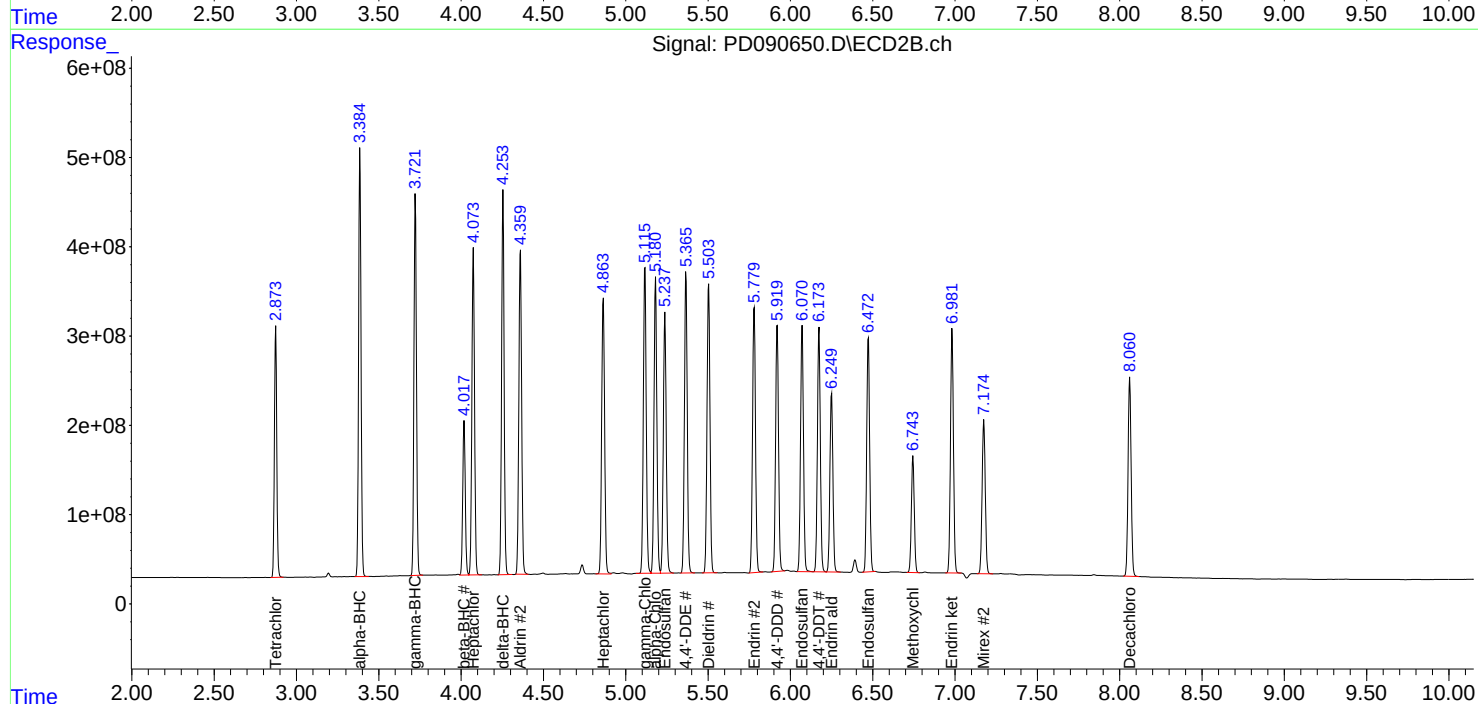
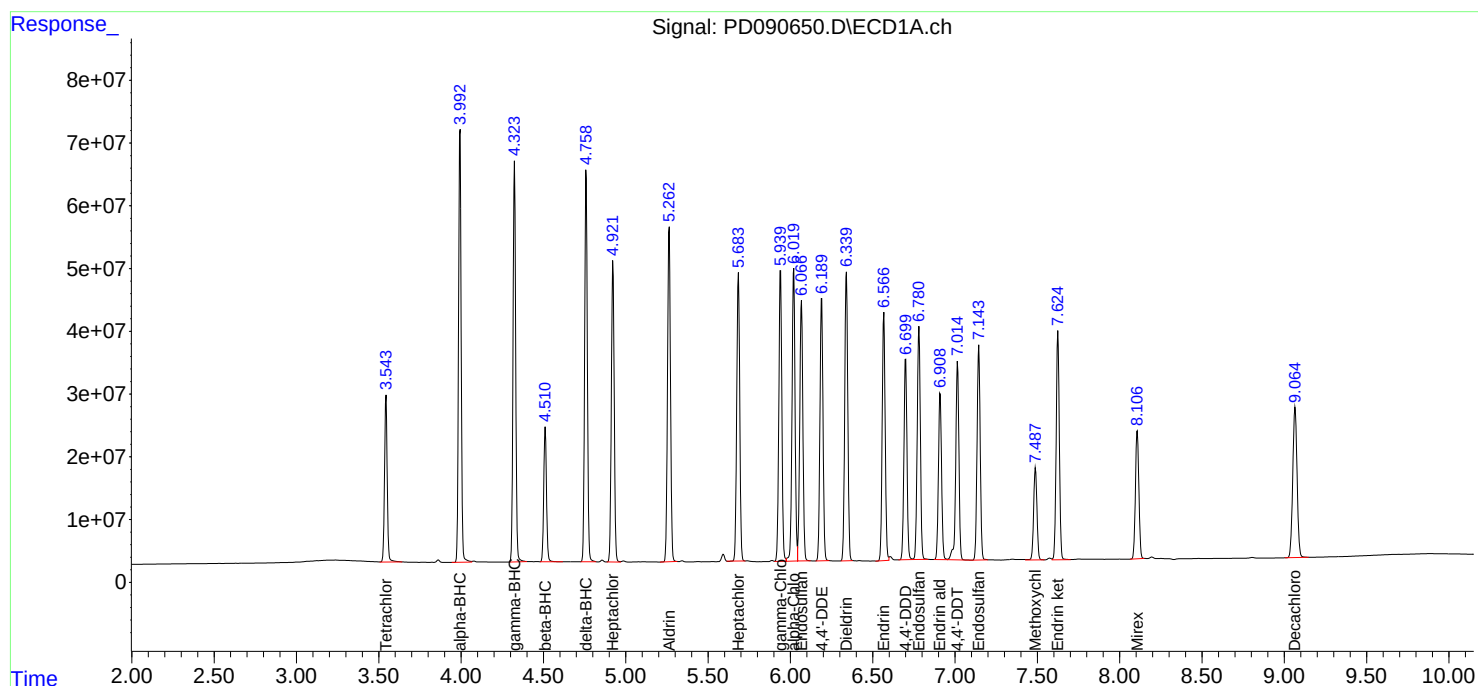
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:34
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

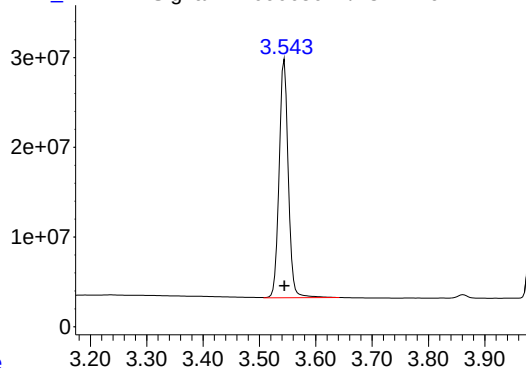
Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Response_ Signal: PD090650.D\ECD1A.ch

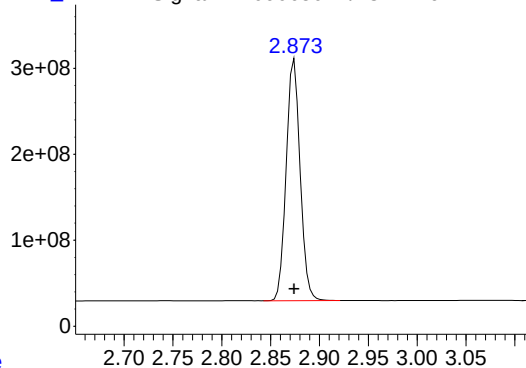


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 301086012
Conc: 99.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

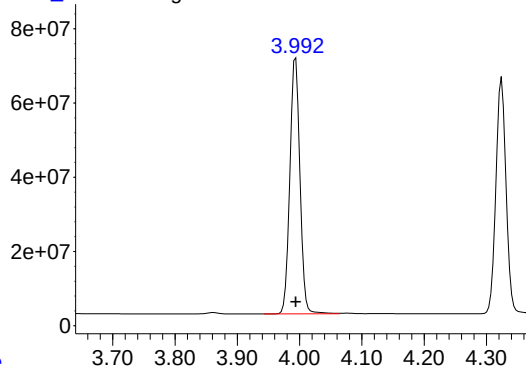
Time Response_ Signal: PD090650.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 2790335064
Conc: 98.74 ng/ml

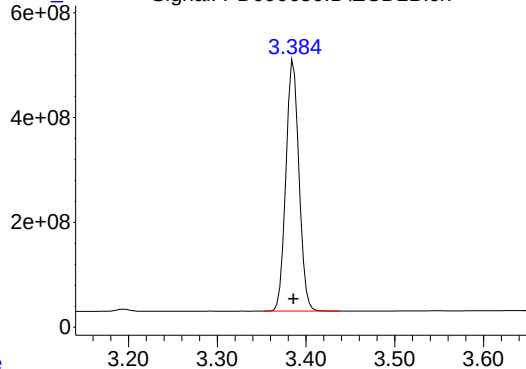
Time Response_ Signal: PD090650.D\ECD1A.ch



#2 alpha-BHC

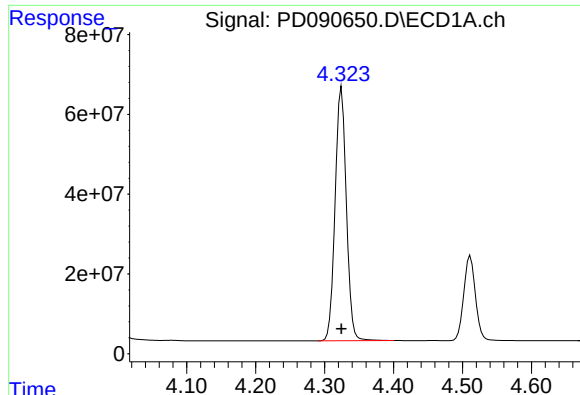
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 775252906
Conc: 103.33 ng/ml

Time Response_ Signal: PD090650.D\ECD2B.ch



#2 alpha-BHC

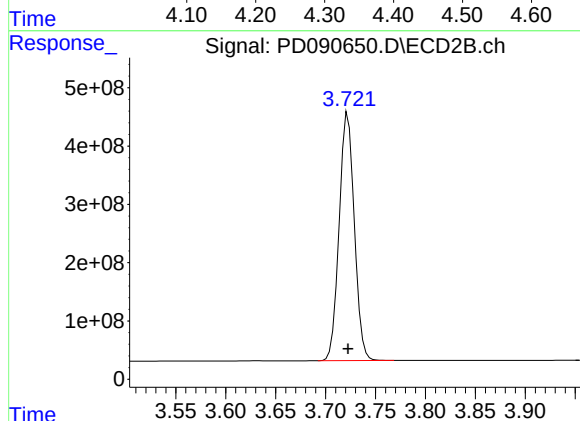
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 4911798337
Conc: 99.43 ng/ml



#3 gamma-BHC (Lindane)

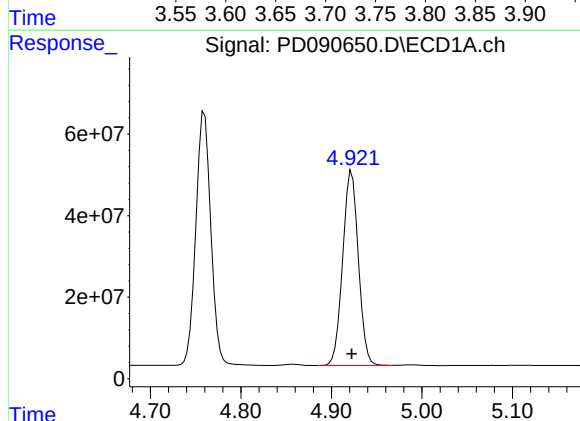
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 718588040
Conc: 102.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



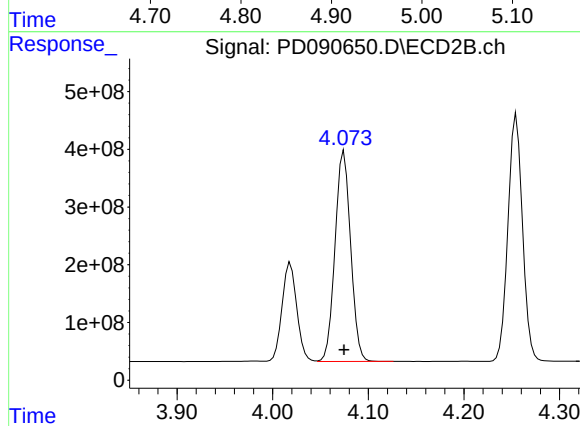
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 4496483491
Conc: 98.89 ng/ml



#4 Heptachlor

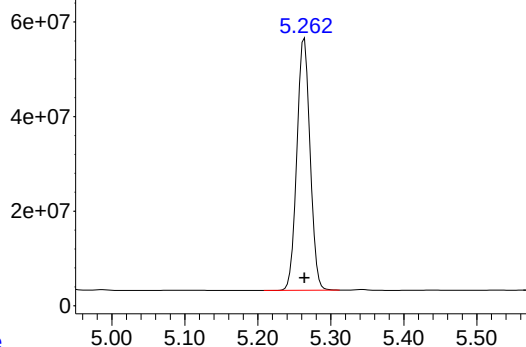
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 575791141
Conc: 101.88 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 4127234386
Conc: 97.67 ng/ml

Response_ Signal: PD090650.D\ECD1A.ch

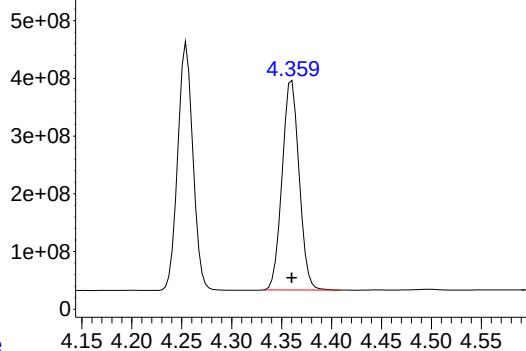


#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 669423227
Conc: 101.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

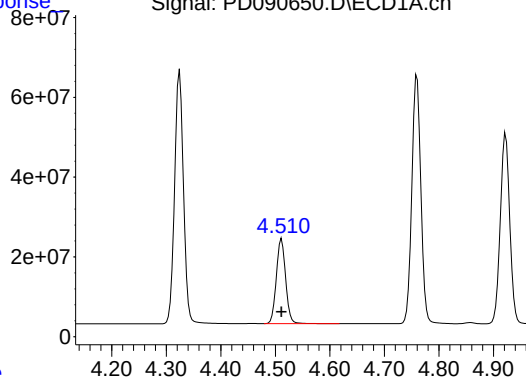
Time Response_ Signal: PD090650.D\ECD2B.ch



#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 4308380411
Conc: 97.79 ng/ml

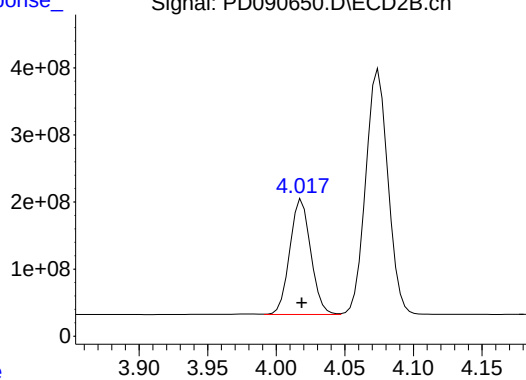
Time Response_ Signal: PD090650.D\ECD1A.ch



#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 251520811
Conc: 99.50 ng/ml

Time Response_ Signal: PD090650.D\ECD2B.ch



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 1829668615
Conc: 97.90 ng/ml

Response_

Signal: PD090650.D\ECD1A.ch

#7 delta-BHC

R.T.: 4.760 min

Delta R.T.: 0.000 min

Response: 716926396

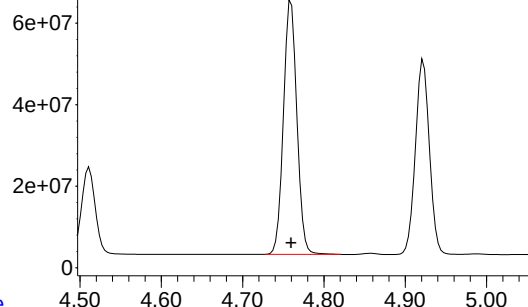
Conc: 102.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDICC100



Time

Response_

Signal: PD090650.D\ECD2B.ch

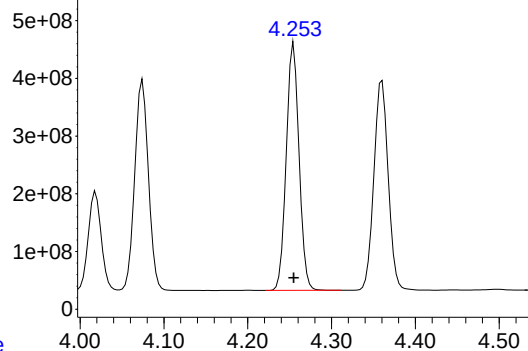
#7 delta-BHC

R.T.: 4.255 min

Delta R.T.: 0.000 min

Response: 4532491918

Conc: 98.76 ng/ml



Time

Response_

Signal: PD090650.D\ECD1A.ch

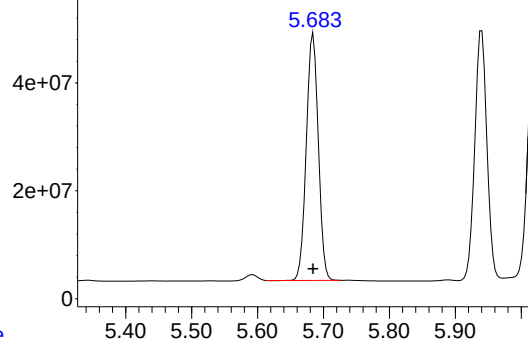
#8 Heptachlor epoxide

R.T.: 5.685 min

Delta R.T.: 0.000 min

Response: 579557032

Conc: 100.67 ng/ml



Time

Response_

Signal: PD090650.D\ECD2B.ch

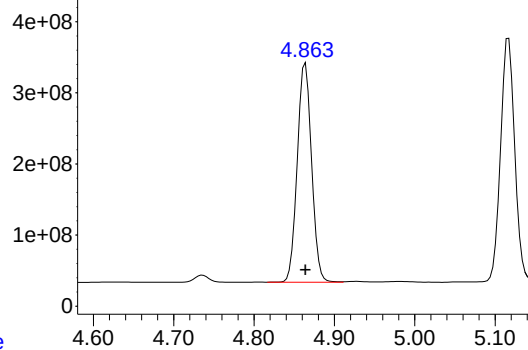
#8 Heptachlor epoxide

R.T.: 4.864 min

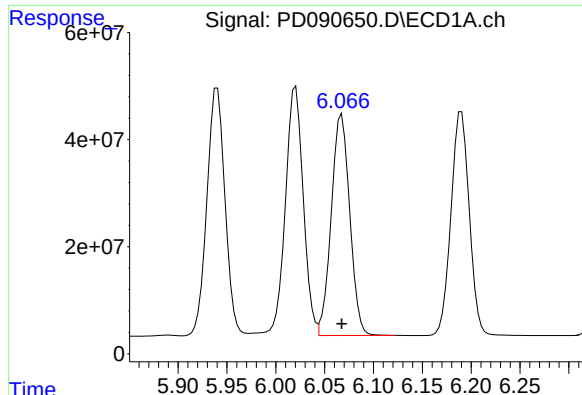
Delta R.T.: 0.000 min

Response: 3820342410

Conc: 96.87 ng/ml



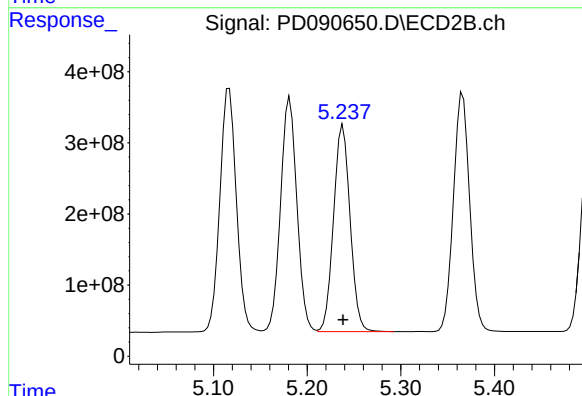
Time



#9 Endosulfan I

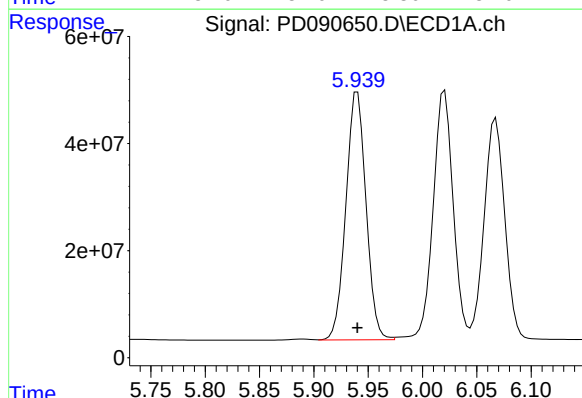
R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 545227033
Conc: 100.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



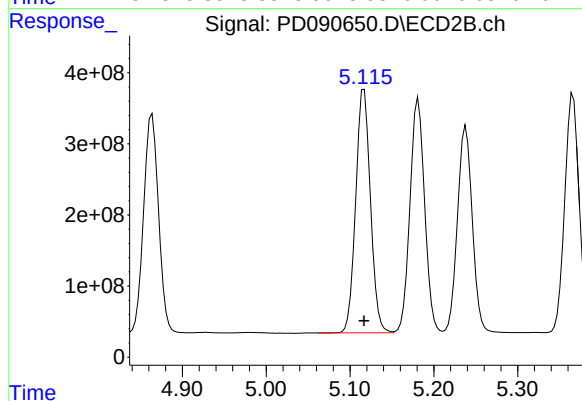
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 3572859410
Conc: 96.68 ng/ml



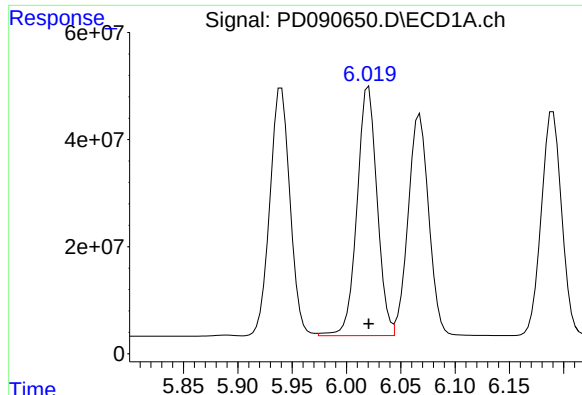
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 597245354
Conc: 100.99 ng/ml



#10 gamma-Chlordane

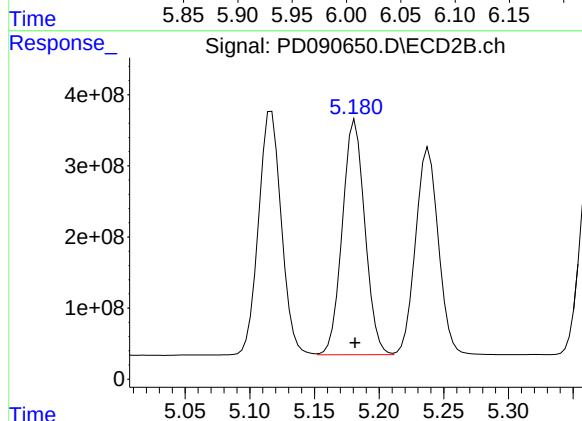
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 4192081714
Conc: 97.87 ng/ml



#11 alpha-Chlordane

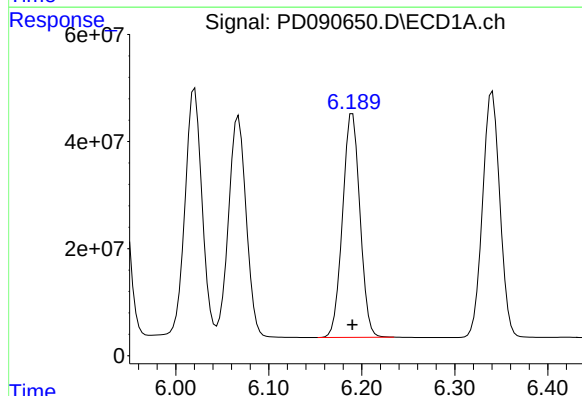
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 596606616
Conc: 100.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



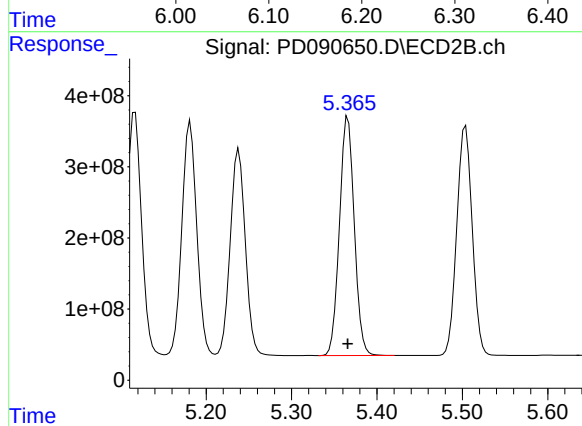
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 4000403429
Conc: 97.69 ng/ml



#12 4,4'-DDE

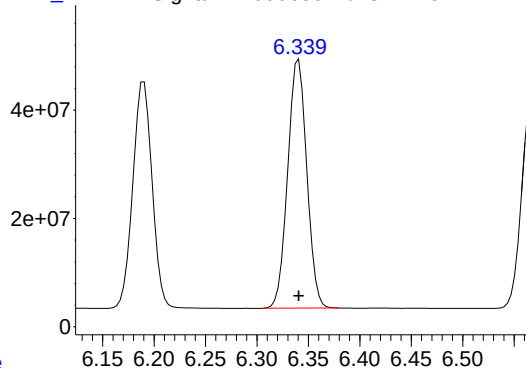
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 543560575
Conc: 101.10 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 4050079316
Conc: 97.53 ng/ml

Response_ Signal: PD090650.D\ECD1A.ch

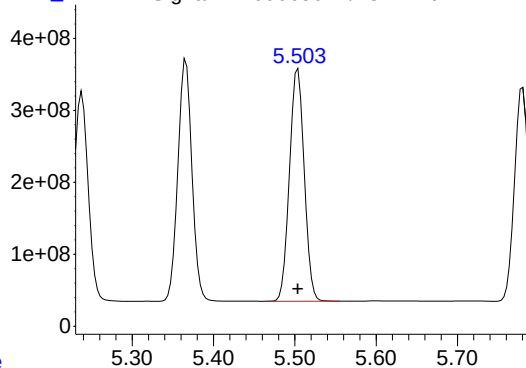


#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 592988915
Conc: 100.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

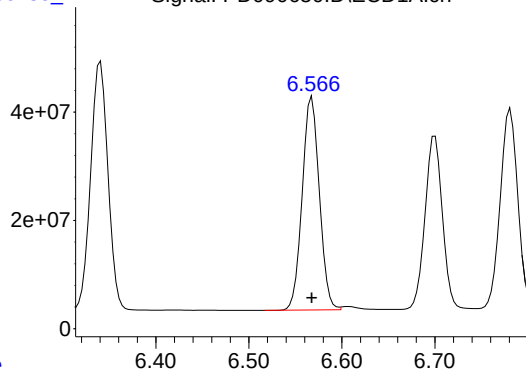
Time Response_ Signal: PD090650.D\ECD2B.ch



#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 4060107897
Conc: 97.02 ng/ml

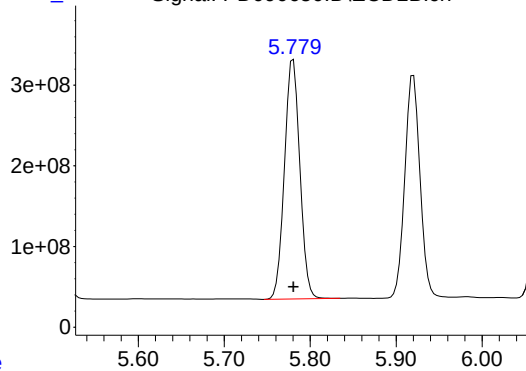
Time Response_ Signal: PD090650.D\ECD1A.ch



#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 503593872
Conc: 100.98 ng/ml

Time Response_ Signal: PD090650.D\ECD2B.ch



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 3690195471
Conc: 96.72 ng/ml

Response_ Signal: PD090650.D\ECD1A.ch

#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 487323424
Conc: 99.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_ Signal: PD090650.D\ECD2B.ch

#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3426973062
Conc: 96.94 ng/ml

Time

Response_ Signal: PD090650.D\ECD1A.ch

#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 415098011
Conc: 101.16 ng/ml

Time

Response_ Signal: PD090650.D\ECD2B.ch

#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 3370894623
Conc: 97.33 ng/ml

Time

Response_ Signal: PD090650.D\ECD1A.ch

#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 425681261
Conc: 101.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_ Signal: PD090650.D\ECD2B.ch

#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 3388802413
Conc: 98.57 ng/ml

Time

Response_ Signal: PD090650.D\ECD1A.ch

#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 350587578
Conc: 99.07 ng/ml

Time

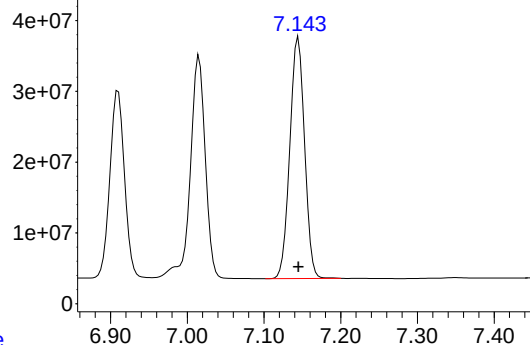
Response_ Signal: PD090650.D\ECD2B.ch

#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 2511089389
Conc: 96.57 ng/ml

Time

Response_ Signal: PD090650.D\ECD1A.ch

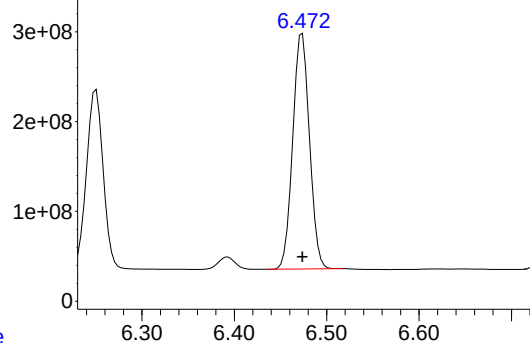


#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 455705527
Conc: 100.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

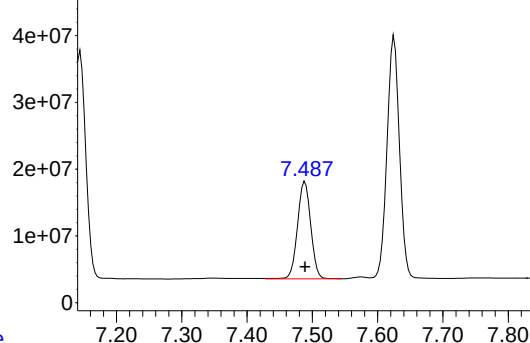
Time Response_ Signal: PD090650.D\ECD2B.ch



#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 3296343899
Conc: 97.06 ng/ml

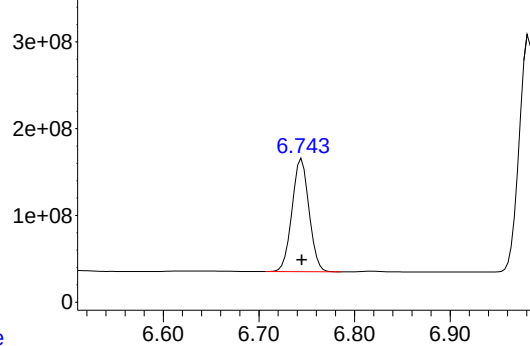
Time Response_ Signal: PD090650.D\ECD1A.ch



#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 205006247
Conc: 99.31 ng/ml

Time Response_ Signal: PD090650.D\ECD2B.ch



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1611694442
Conc: 96.75 ng/ml

Response_ Signal: PD090650.D\ECD1A.ch

#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 481977282
Conc: 100.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_ Signal: PD090650.D\ECD2B.ch

#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3446004756
Conc: 97.06 ng/ml

Time

Response_ Signal: PD090650.D\ECD1A.ch

#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 295471777
Conc: 97.72 ng/ml

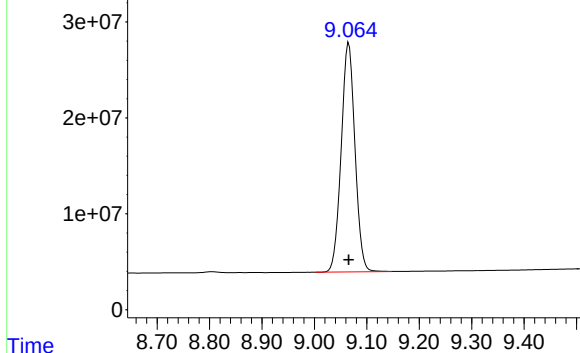
Time

Response_ Signal: PD090650.D\ECD2B.ch

#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 2331618859
Conc: 97.24 ng/ml

Time



R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 436118427
Conc: 98.36 ng/ml

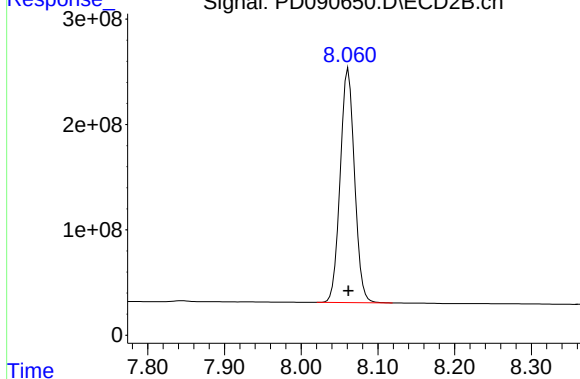
Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response

Signal: PD090650.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 2885681422
Conc: 99.22 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
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: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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	221.3E6	2076.7E6	73.844	73.982
28)	SA Decachlor...	9.065	8.062	323.6E6	2118.5E6	73.652	73.550
Target Compounds							
2)	A alpha-BHC	3.994	3.387	555.2E6	3629.4E6	74.331	73.972
3)	MA gamma-BHC...	4.325	3.723	517.9E6	3345.4E6	74.376	74.044
4)	MA Heptachlor	4.923	4.076	419.8E6	3135.8E6	74.519	74.471
5)	MB Aldrin	5.265	4.361	492.2E6	3268.1E6	74.671	74.449
6)	B beta-BHC	4.512	4.019	186.7E6	1377.4E6	74.235	74.130
7)	B delta-BHC	4.760	4.255	517.9E6	3391.5E6	74.535	74.261
8)	B Heptachlo...	5.685	4.865	428.1E6	2916.9E6	74.574	74.304
9)	A Endosulfan I	6.068	5.239	405.3E6	2744.0E6	74.575	74.497
10)	B gamma-Chl...	5.940	5.117	442.1E6	3181.7E6	74.831	74.517
11)	B alpha-Chl...	6.021	5.182	442.9E6	3041.3E6	74.605	74.512
12)	B 4,4'-DDE	6.191	5.366	402.8E6	3089.3E6	74.945	74.597
13)	MA Dieldrin	6.341	5.504	438.1E6	3106.9E6	74.726	74.493
14)	MA Endrin	6.568	5.781	372.2E6	2837.1E6	74.757	74.574
15)	B Endosulfa...	6.781	6.072	362.7E6	2622.6E6	74.556	74.457
16)	A 4,4'-DDD	6.700	5.921	305.6E6	2573.2E6	74.659	74.529
17)	MA 4,4'-DDT	7.016	6.175	311.4E6	2548.7E6	74.584	74.422
18)	B Endrin al...	6.910	6.251	263.1E6	1930.5E6	74.563	74.493
19)	B Endosulfa...	7.145	6.474	337.9E6	2515.4E6	74.430	74.374
20)	A Methoxychlor	7.488	6.745	151.2E6	1223.7E6	73.804	73.968
21)	B Endrin ke...	7.625	6.983	355.2E6	2626.5E6	74.325	74.314
22)	Mirex	8.108	7.176	222.5E6	1780.4E6	74.051	74.497

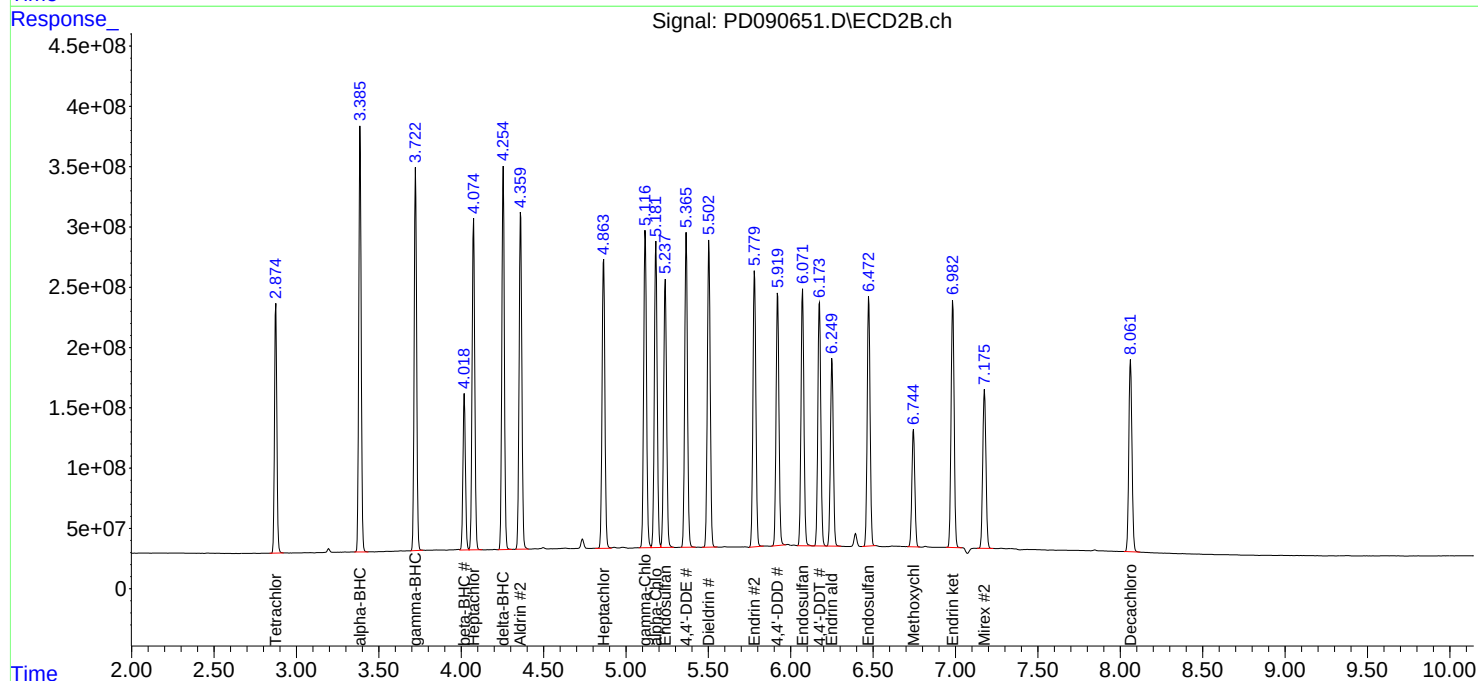
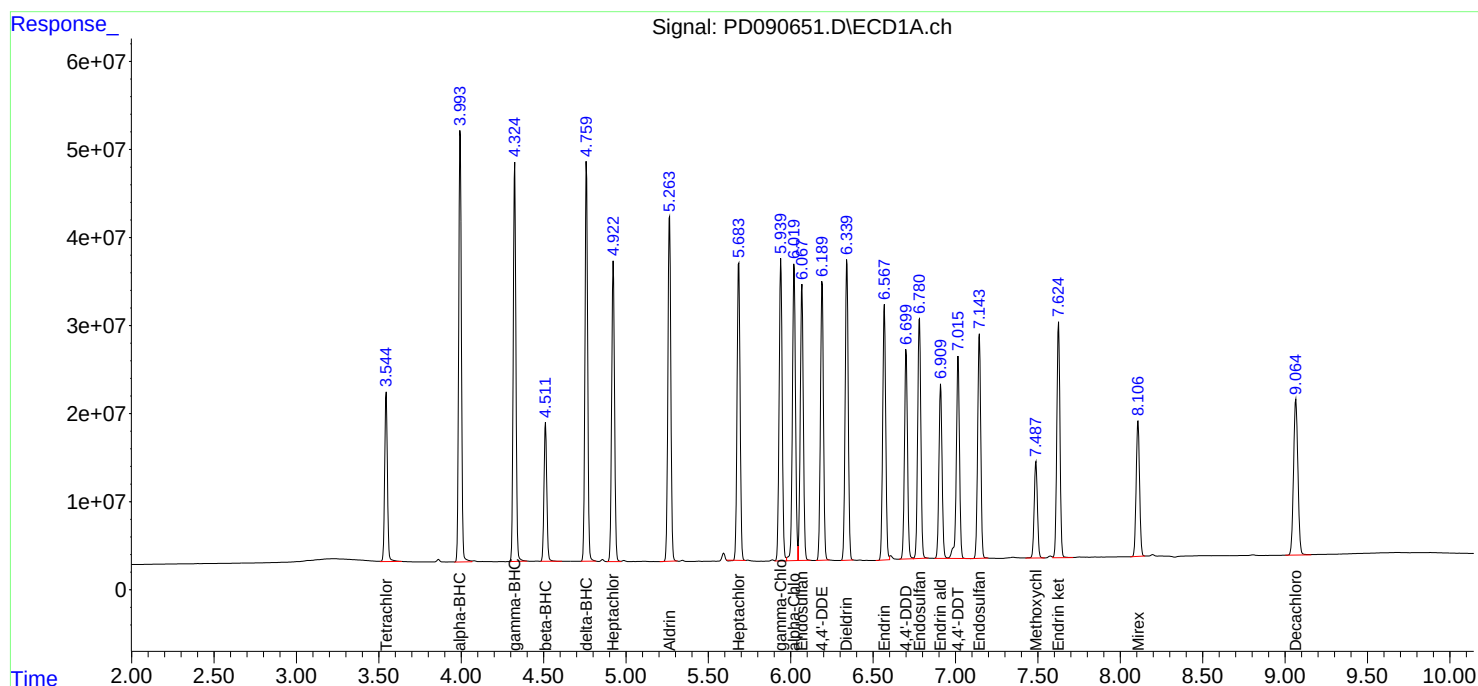
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
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: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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

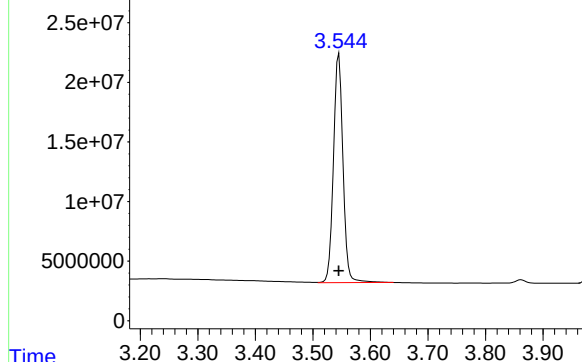


Response_ Signal: PD090651.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 221338475
Conc: 73.84 ng/ml

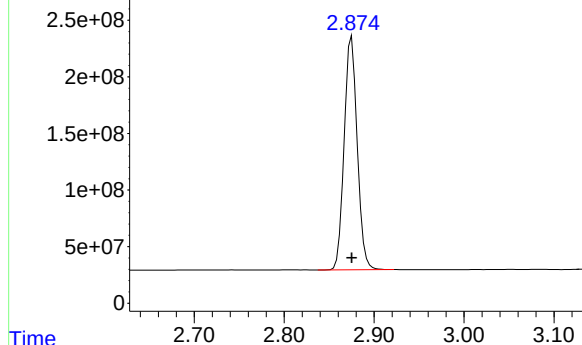
Instrument :
ECD_D
ClientSampleId :
PSTDICC075



Response_ Signal: PD090651.D\ECD2B.ch

#1 Tetrachloro-m-xylene

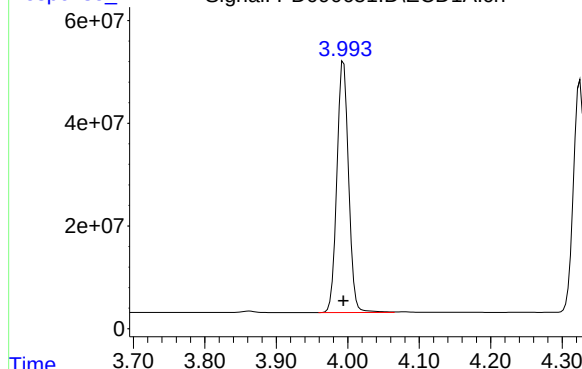
R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 2076681010
Conc: 73.98 ng/ml



Response_ Signal: PD090651.D\ECD1A.ch

#2 alpha-BHC

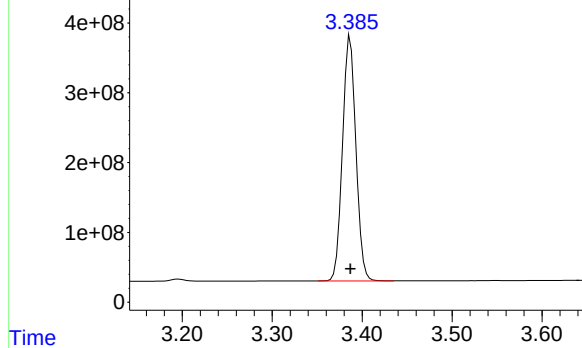
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 555178575
Conc: 74.33 ng/ml



Response_ Signal: PD090651.D\ECD2B.ch

#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 3629403435
Conc: 73.97 ng/ml



Response_ Signal: PD090651.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 517939637
Conc: 74.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Time

Response_ Signal: PD090651.D\ECD2B.ch

#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 3345366469
Conc: 74.04 ng/ml

Time

Response_ Signal: PD090651.D\ECD1A.ch

#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 419813050
Conc: 74.52 ng/ml

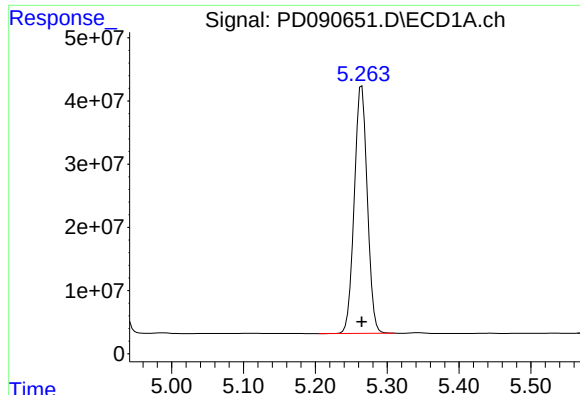
Time

Response_ Signal: PD090651.D\ECD2B.ch

#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 3135796942
Conc: 74.47 ng/ml

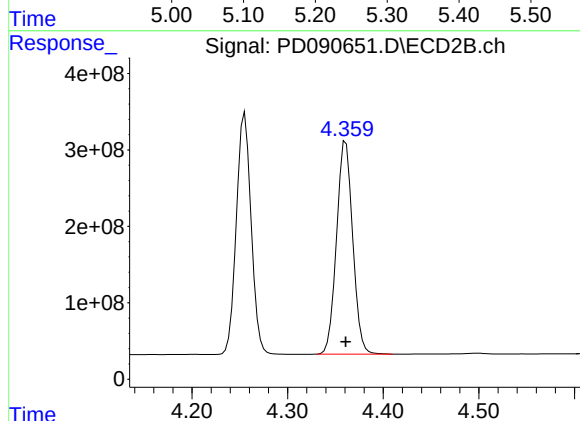
Time



#5 Aldrin

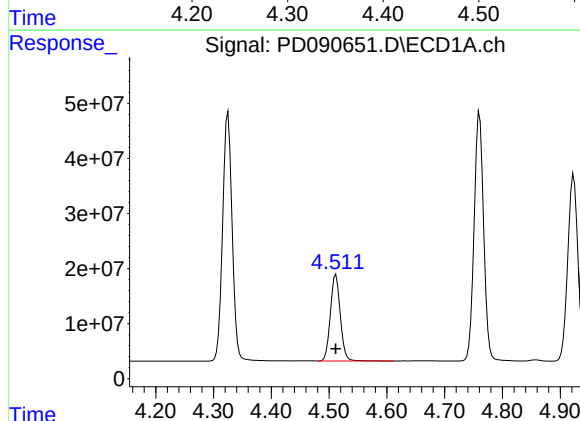
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 492167044
Conc: 74.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



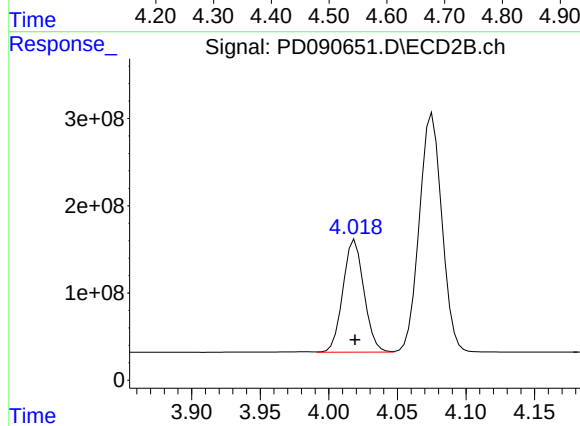
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 3268108002
Conc: 74.45 ng/ml



#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 186698186
Conc: 74.24 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 1377409505
Conc: 74.13 ng/ml

Response_

Signal: PD090651.D\ECD1A.ch

#7 delta-BHC

R.T.: 4.760 min

Delta R.T.: 0.000 min

Response: 517928984

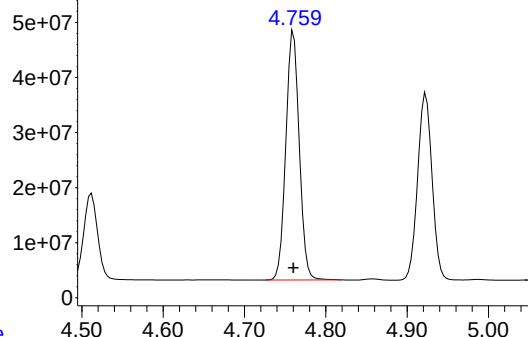
Conc: 74.53 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDICC075



Time

Response_

Signal: PD090651.D\ECD2B.ch

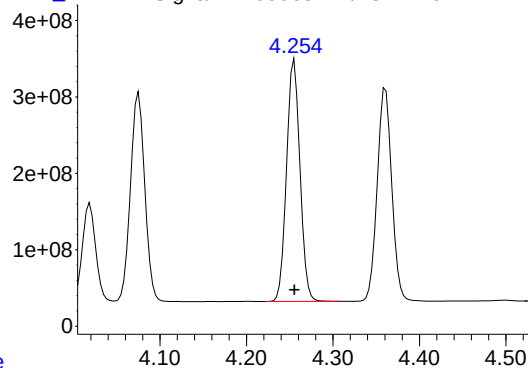
#7 delta-BHC

R.T.: 4.255 min

Delta R.T.: 0.000 min

Response: 3391516826

Conc: 74.26 ng/ml



Time

Response_

Signal: PD090651.D\ECD1A.ch

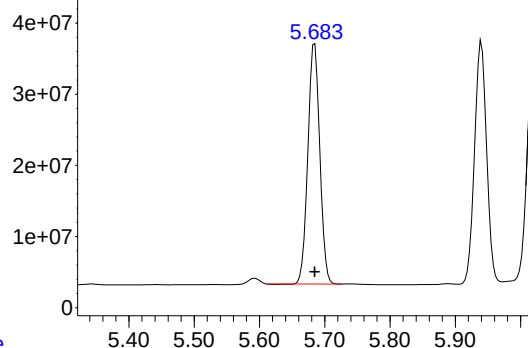
#8 Heptachlor epoxide

R.T.: 5.685 min

Delta R.T.: 0.000 min

Response: 428112423

Conc: 74.57 ng/ml



Time

Response_

Signal: PD090651.D\ECD2B.ch

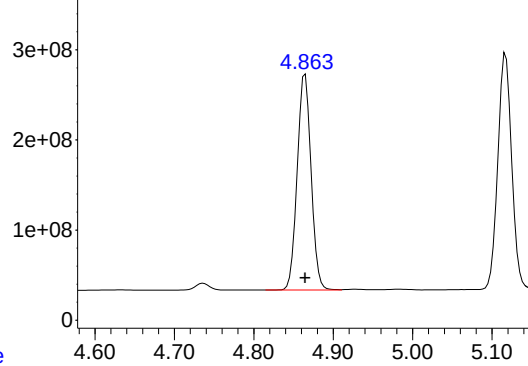
#8 Heptachlor epoxide

R.T.: 4.865 min

Delta R.T.: 0.000 min

Response: 2916863262

Conc: 74.30 ng/ml



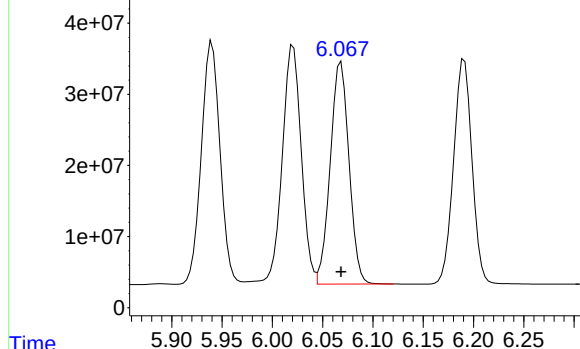
Time

Response_ Signal: PD090651.D\ECD1A.ch

#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 405336624
Conc: 74.58 ng/ml

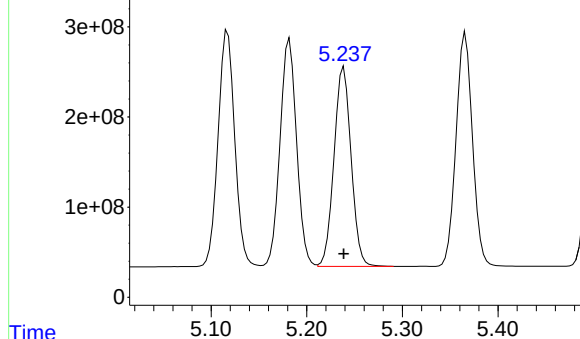
Instrument :
ECD_D
ClientSampleId :
PSTDICC075



Time Response_ Signal: PD090651.D\ECD2B.ch

#9 Endosulfan I

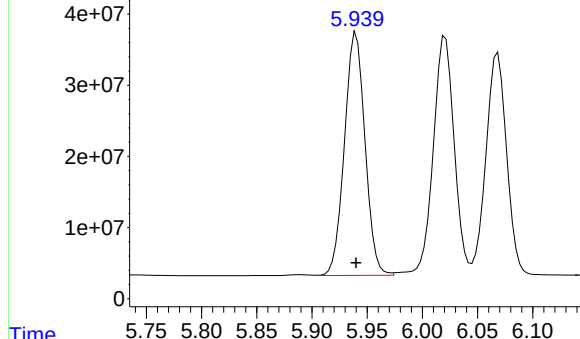
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 2743979164
Conc: 74.50 ng/ml



Time Response_ Signal: PD090651.D\ECD1A.ch

#10 gamma-Chlordane

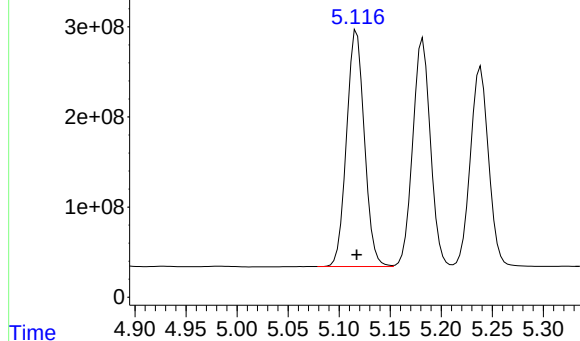
R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 442053358
Conc: 74.83 ng/ml



Time Response_ Signal: PD090651.D\ECD2B.ch

#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 3181670591
Conc: 74.52 ng/ml

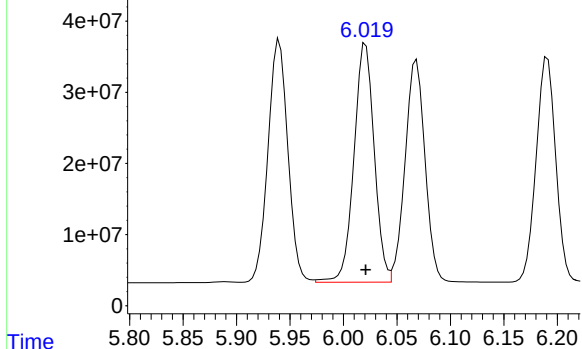


Response_

Signal: PD090651.D\ECD1A.ch

#11 alpha-Chlordane

ICAL Form



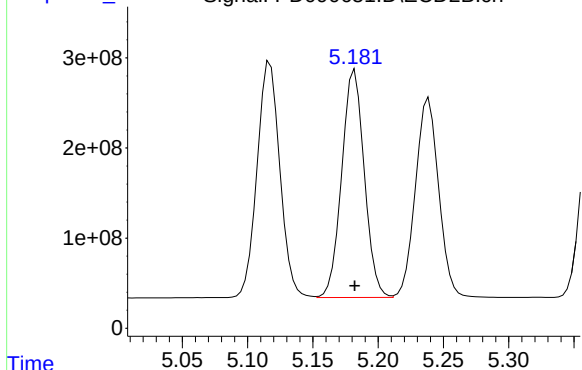
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 442910146
Conc: 74.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Response_

Signal: PD090651.D\ECD2B.ch

#11 alpha-Chlordane

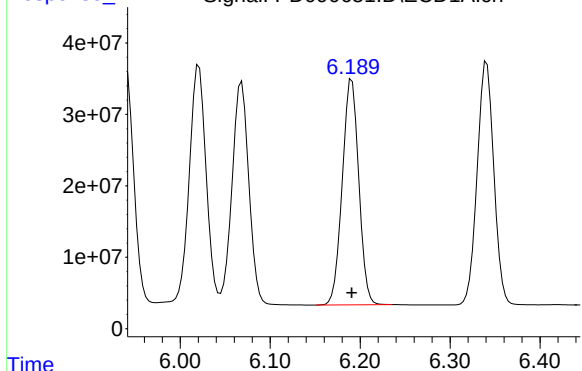


R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 3041262707
Conc: 74.51 ng/ml

Response_

Signal: PD090651.D\ECD1A.ch

#12 4,4'-DDE

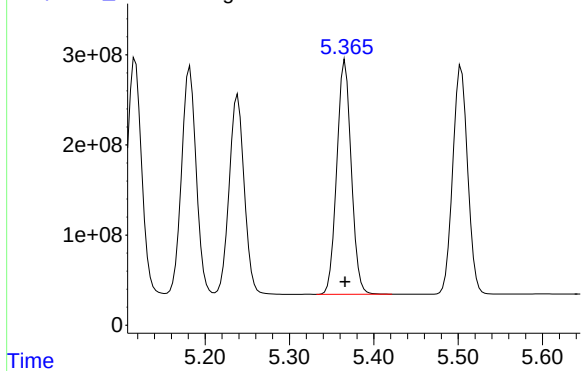


R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 402806011
Conc: 74.95 ng/ml

Response_

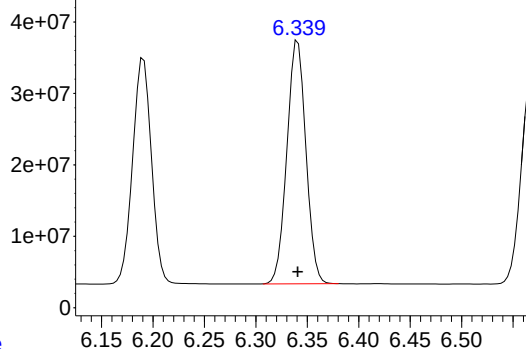
Signal: PD090651.D\ECD2B.ch

#12 4,4'-DDE



R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 3089327488
Conc: 74.60 ng/ml

Response_ Signal: PD090651.D\ECD1A.ch

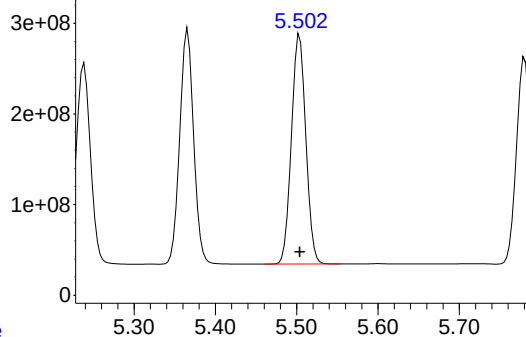


#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 438145830
Conc: 74.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

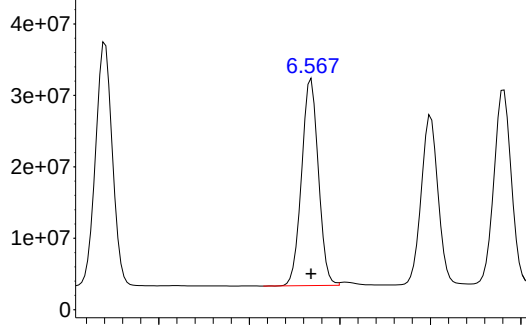
Time Response_ Signal: PD090651.D\ECD2B.ch



#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3106916142
Conc: 74.49 ng/ml

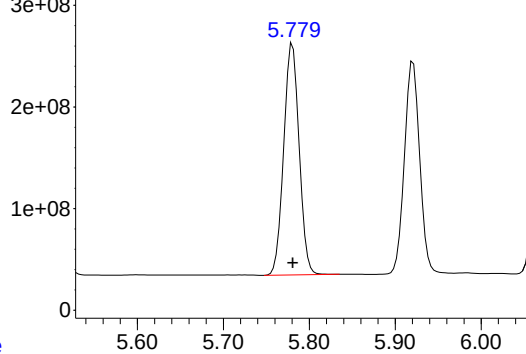
Time Response_ Signal: PD090651.D\ECD1A.ch



#14 Endrin

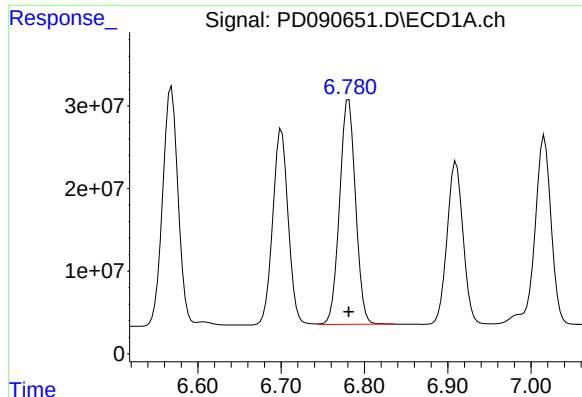
R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 372217983
Conc: 74.76 ng/ml

Time Response_ Signal: PD090651.D\ECD2B.ch



#14 Endrin

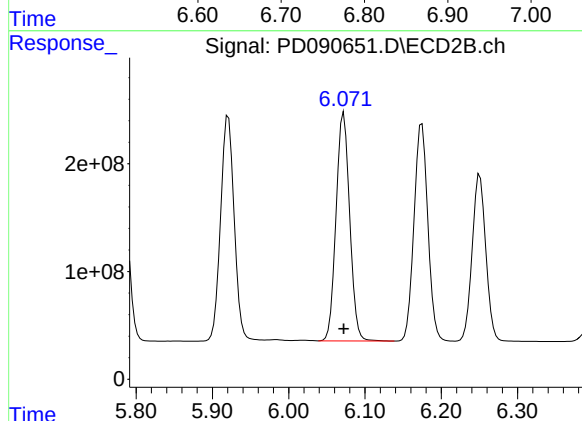
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2837058459
Conc: 74.57 ng/ml



#15 Endosulfan II

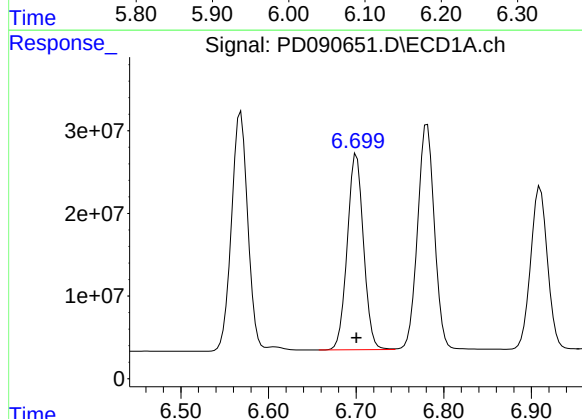
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 362696180
Conc: 74.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



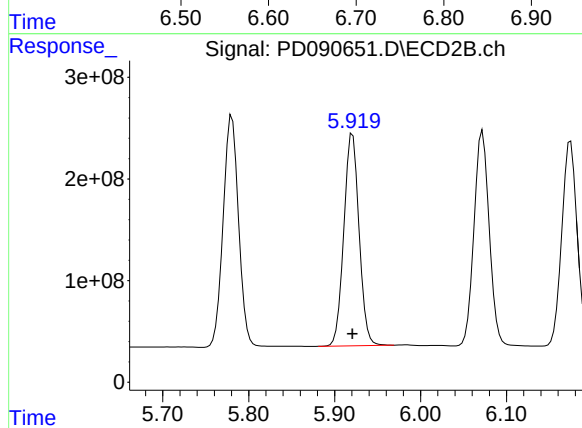
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 2622605787
Conc: 74.46 ng/ml



#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 305645357
Conc: 74.66 ng/ml

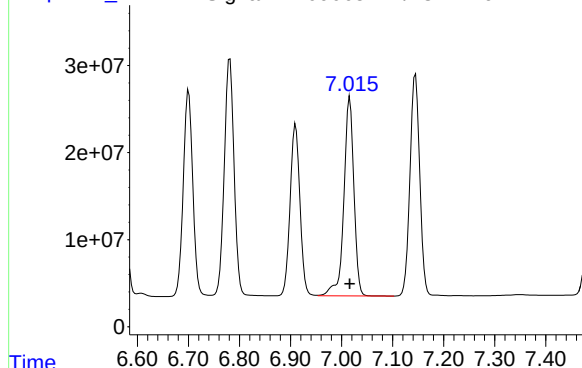


#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2573202277
Conc: 74.53 ng/ml

Response_ Signal: PD090651.D\ECD1A.ch

#17 4,4'-DDT

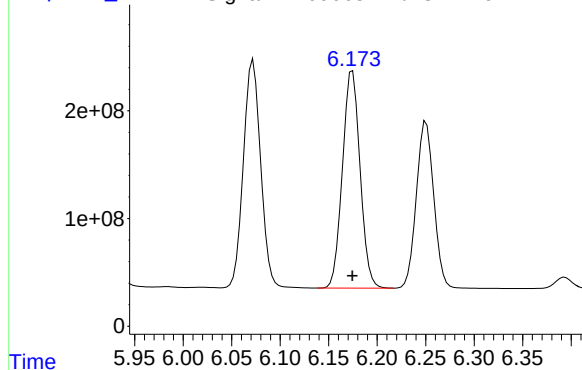


R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 311444736
Conc: 74.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Response_ Signal: PD090651.D\ECD2B.ch

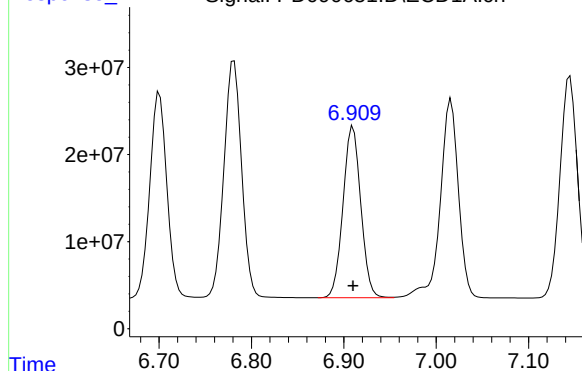
#17 4,4'-DDT



R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 2548691729
Conc: 74.42 ng/ml

Response_ Signal: PD090651.D\ECD1A.ch

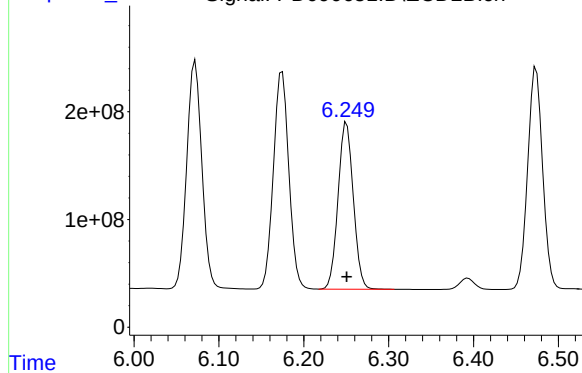
#18 Endrin aldehyde



R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 263096696
Conc: 74.56 ng/ml

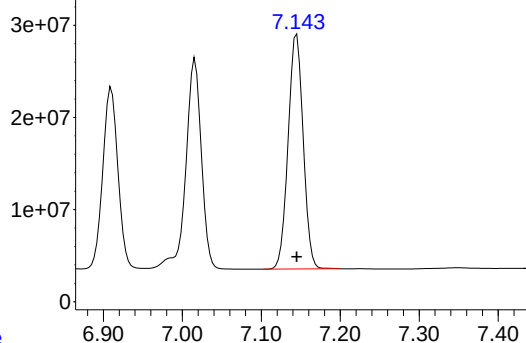
Response_ Signal: PD090651.D\ECD2B.ch

#18 Endrin aldehyde



R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1930452420
Conc: 74.49 ng/ml

Response_ Signal: PD090651.D\ECD1A.ch

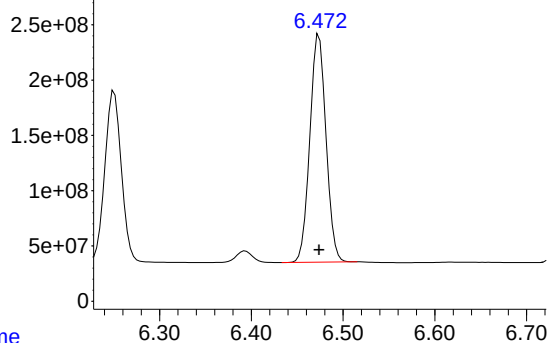


#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 337864118
Conc: 74.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

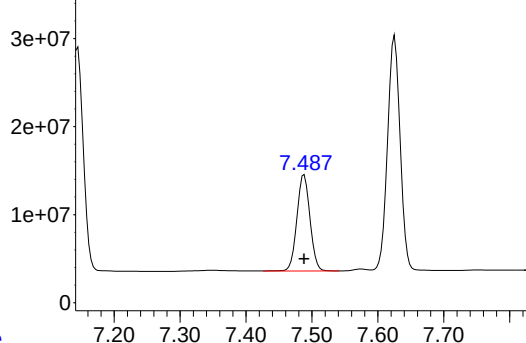
Time Response_ Signal: PD090651.D\ECD2B.ch



#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 2515420876
Conc: 74.37 ng/ml

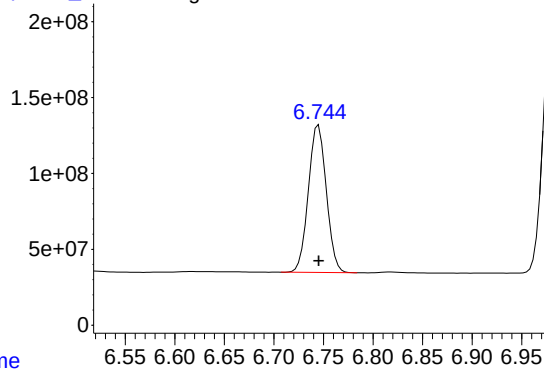
Time Response_ Signal: PD090651.D\ECD1A.ch



#20 Methoxychlor

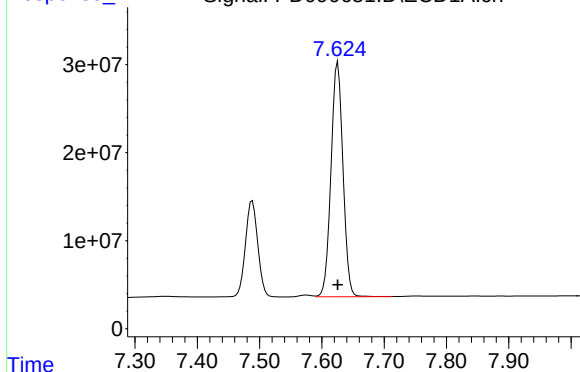
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 151150843
Conc: 73.80 ng/ml

Time Response_ Signal: PD090651.D\ECD2B.ch



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1223732210
Conc: 73.97 ng/ml



R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 355238454
Conc: 74.32 ng/ml

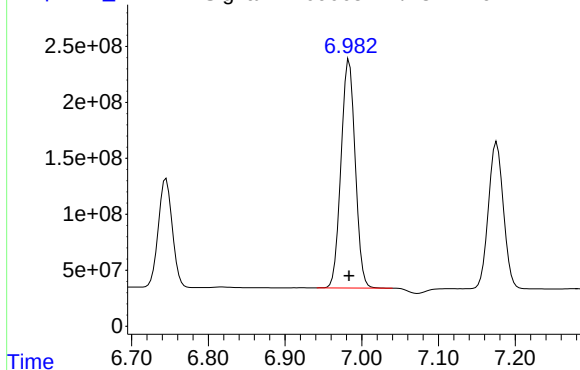
Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Time

Response_

Signal: PD090651.D\ECD2B.ch

#21 Endrin ketone



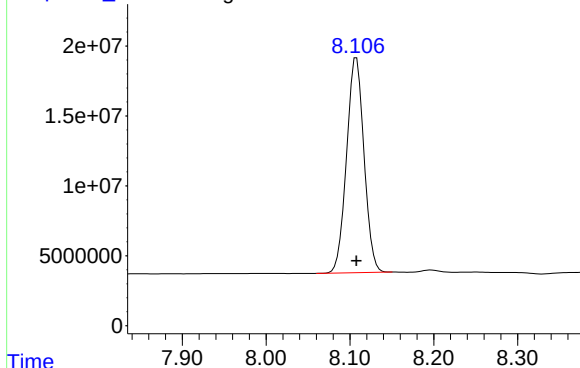
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 2626540426
Conc: 74.31 ng/ml

Time

Response_

Signal: PD090651.D\ECD1A.ch

#22 Mirex



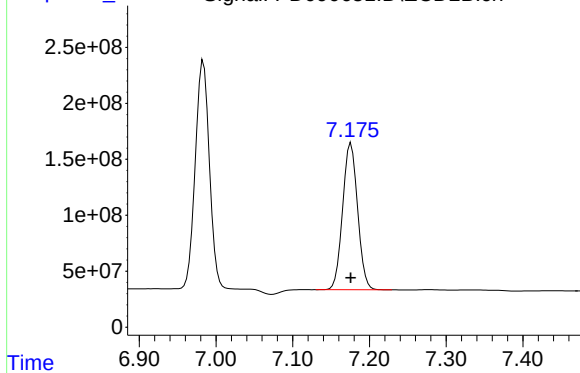
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 222493333
Conc: 74.05 ng/ml

Time

Response_

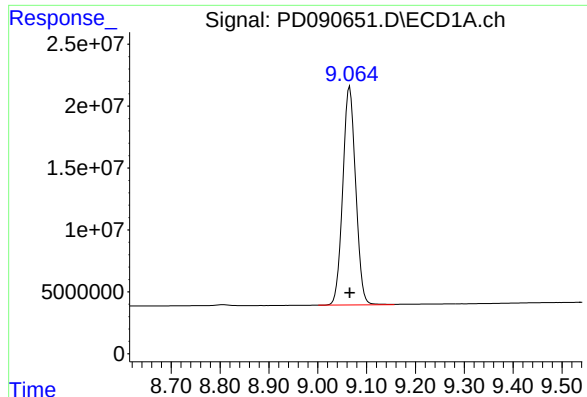
Signal: PD090651.D\ECD2B.ch

#22 Mirex



R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1780357534
Conc: 74.50 ng/ml

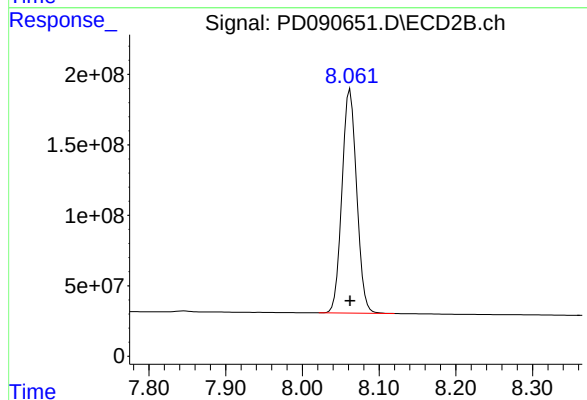
Time



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 323645321
Conc: 73.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 2118537336
Conc: 73.55 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:01
 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: Oct 17 13:30:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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	151.5E6	1430.9E6	50.000	50.000
28)	SA Decachlor...	9.064	8.062	225.3E6	1465.4E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.994	3.387	362.6E6	2484.2E6	50.000	50.000
3)	MA gamma-BHC...	4.325	3.723	340.0E6	2298.6E6	50.000	50.000
4)	MA Heptachlor	4.923	4.075	277.3E6	2162.0E6	50.000	50.000
5)	MB Aldrin	5.264	4.361	325.8E6	2251.7E6	50.000	50.000
6)	B beta-BHC	4.512	4.019	127.0E6	954.0E6	50.000	50.000
7)	B delta-BHC	4.760	4.255	338.6E6	2323.3E6	50.000	50.000
8)	B Heptachlo...	5.684	4.864	285.9E6	2033.6E6	50.000	50.000
9)	A Endosulfan I	6.068	5.238	272.5E6	1909.3E6	50.000	50.000
10)	B gamma-Chl...	5.940	5.117	292.8E6	2187.4E6	50.000	50.000
11)	B alpha-Chl...	6.021	5.181	296.9E6	2094.7E6	50.000	50.000
12)	B 4,4'-DDE	6.190	5.366	265.9E6	2127.4E6	50.000	50.000
13)	MA Dieldrin	6.340	5.504	290.9E6	2154.8E6	50.000	50.000
14)	MA Endrin	6.568	5.781	246.9E6	1970.0E6	50.000	50.000
15)	B Endosulfa...	6.781	6.072	244.3E6	1821.6E6	50.000	50.000
16)	A 4,4'-DDD	6.700	5.921	202.8E6	1778.0E6	50.000	50.000
17)	MA 4,4'-DDT	7.015	6.174	205.9E6	1743.4E6	50.000	50.000
18)	B Endrin al...	6.910	6.250	178.6E6	1344.7E6	50.000	50.000
19)	B Endosulfa...	7.145	6.474	227.8E6	1748.0E6	50.000	50.000
20)	A Methoxychlor	7.488	6.745	103.9E6	859.9E6	50.000	50.000
21)	B Endrin ke...	7.625	6.983	239.1E6	1827.5E6	50.000	50.000
22)	Mirex	8.107	7.175	154.6E6	1232.0E6	50.000	50.000

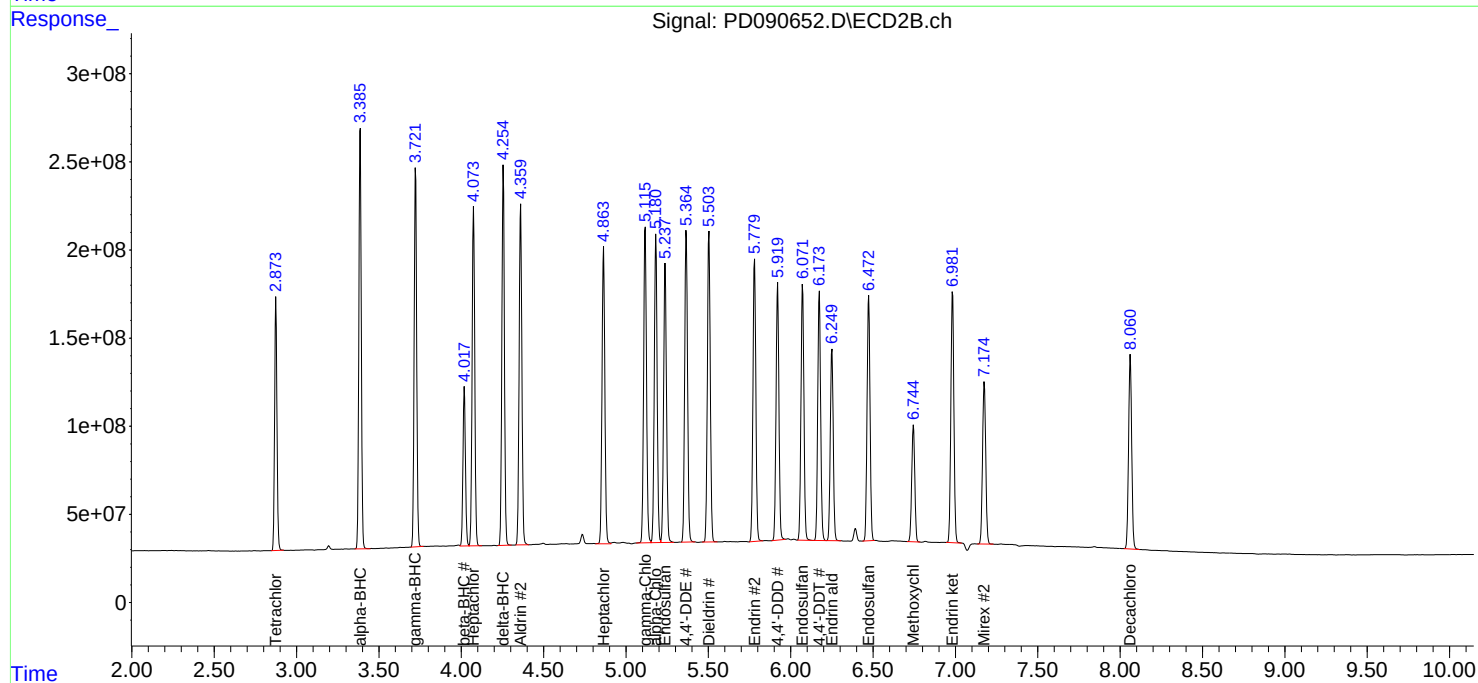
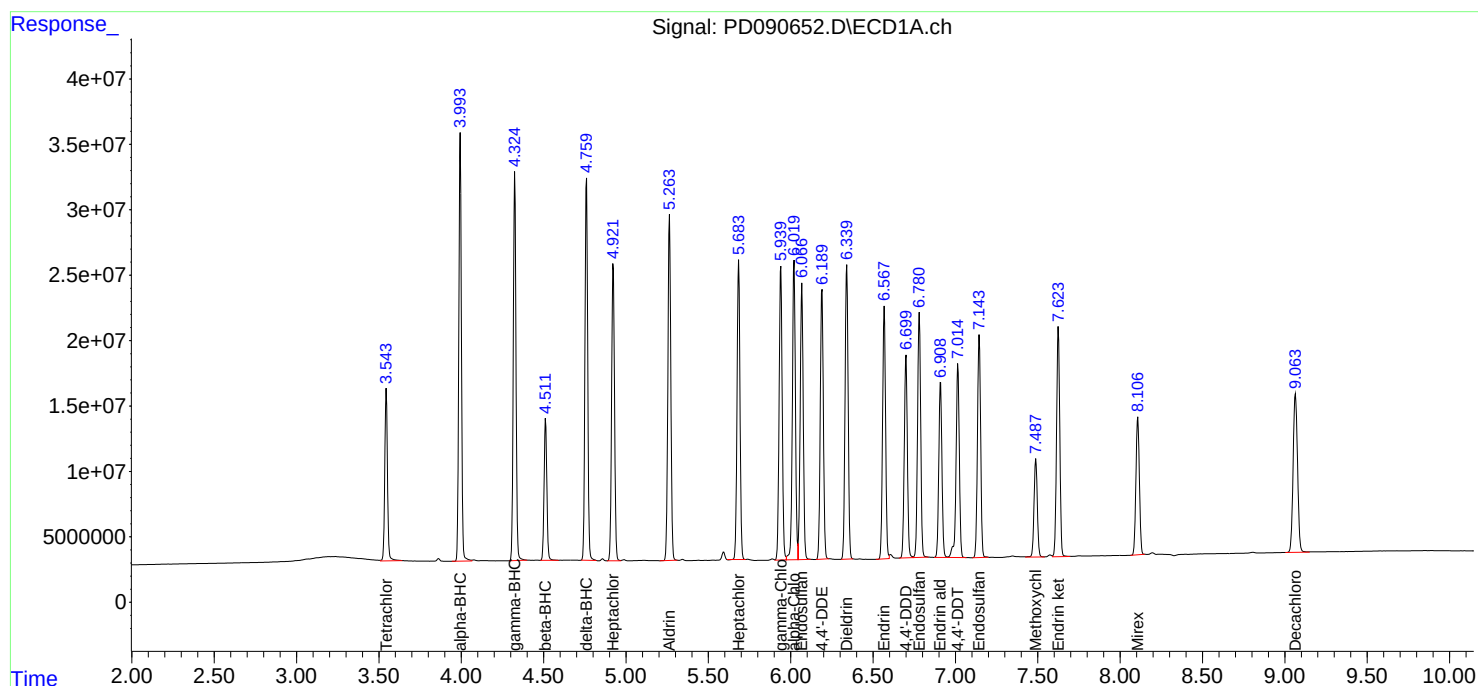
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:01
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

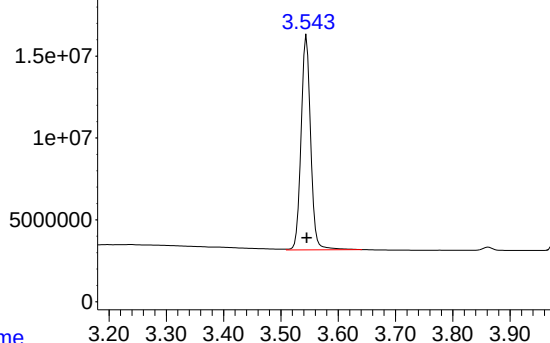
Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Response_ Signal: PD090652.D\ECD1A.ch

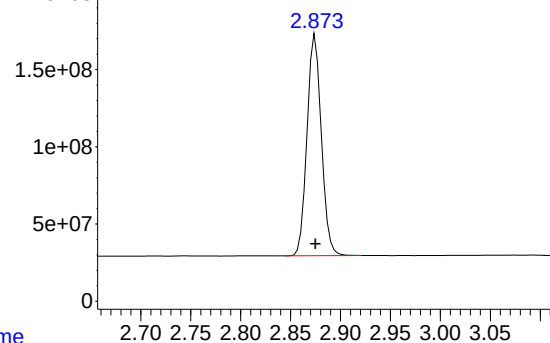


#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 151504775
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

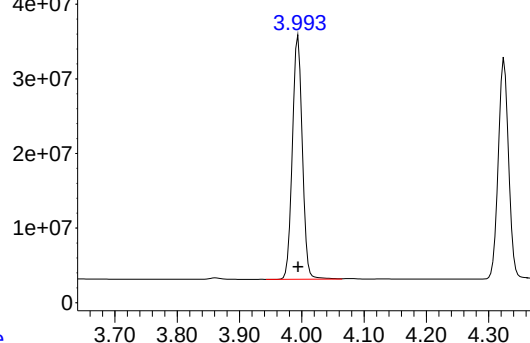
Time Response_ Signal: PD090652.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1430869153
Conc: 50.00 ng/ml

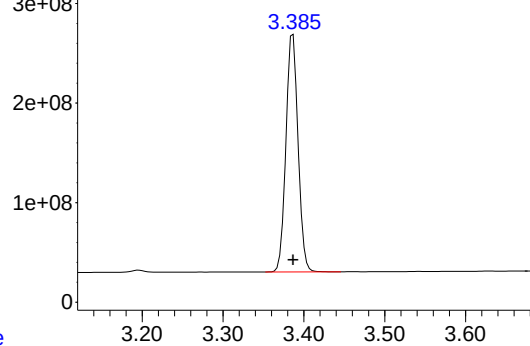
Time Response_ Signal: PD090652.D\ECD1A.ch



#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 362610738
Conc: 50.00 ng/ml

Time Response_ Signal: PD090652.D\ECD2B.ch



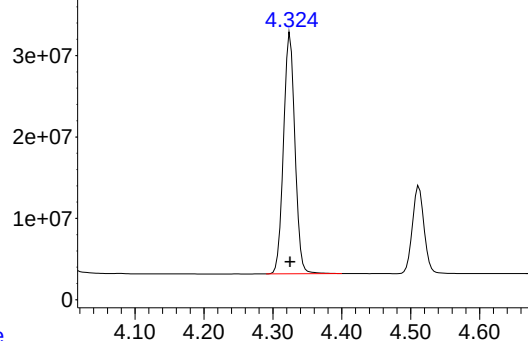
#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2484185326
Conc: 50.00 ng/ml

Response_

Signal: PD090652.D\ECD1A.ch

#3 gamma-BHC (Lindane)



R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 339982682
Conc: 50.00 ng/ml

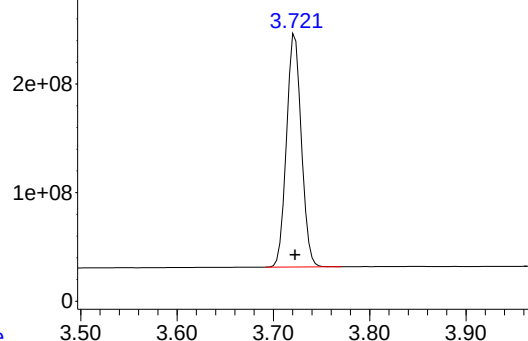
Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Time

Response_

Signal: PD090652.D\ECD2B.ch

#3 gamma-BHC (Lindane)



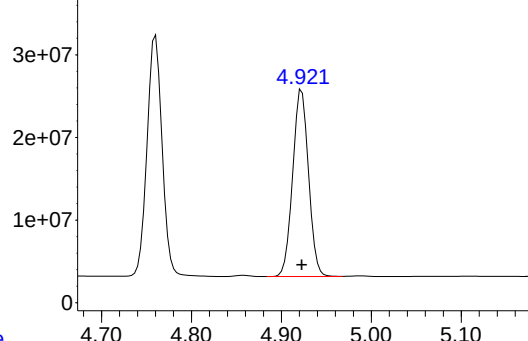
R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2298638612
Conc: 50.00 ng/ml

Time

Response_

Signal: PD090652.D\ECD1A.ch

#4 Heptachlor



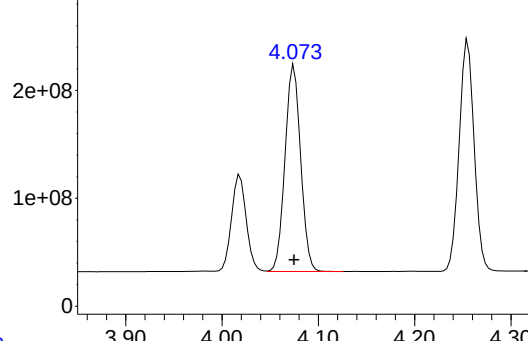
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 277277005
Conc: 50.00 ng/ml

Time

Response_

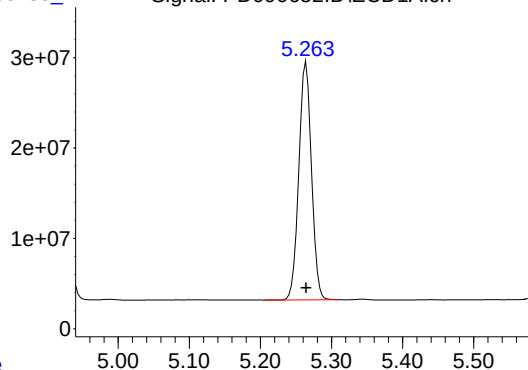
Signal: PD090652.D\ECD2B.ch

#4 Heptachlor



R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2161964168
Conc: 50.00 ng/ml

Time



R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 325847234
Conc: 50.00 ng/ml

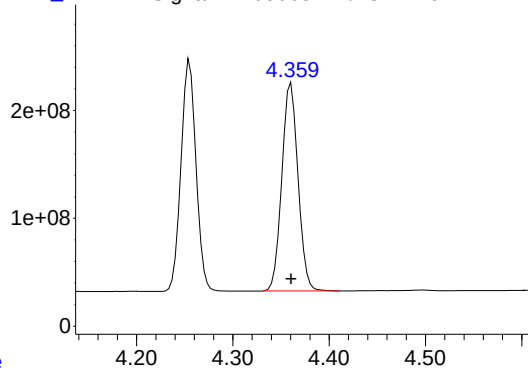
Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Time

Response_

Signal: PD090652.D\ECD2B.ch

#5 Aldrin



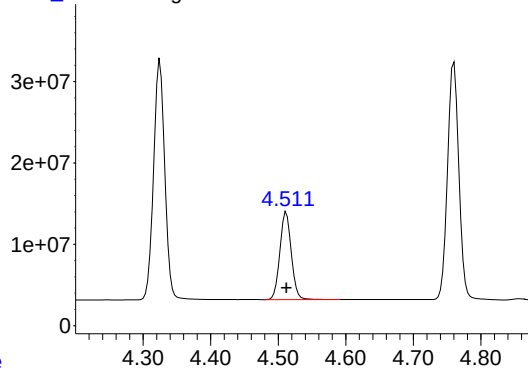
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2251688760
Conc: 50.00 ng/ml

Time

Response_

Signal: PD090652.D\ECD1A.ch

#6 beta-BHC



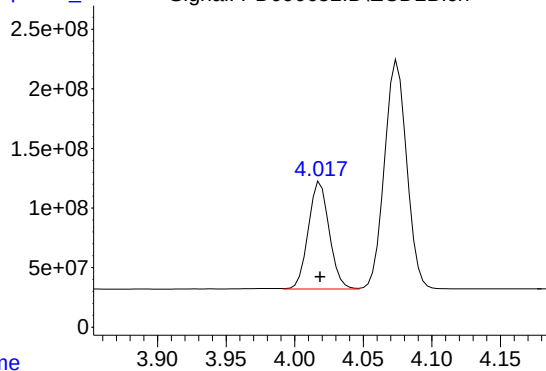
R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 127018373
Conc: 50.00 ng/ml

Time

Response_

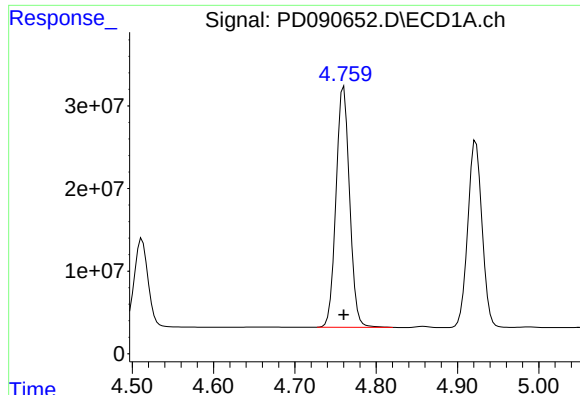
Signal: PD090652.D\ECD2B.ch

#6 beta-BHC



R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 954037739
Conc: 50.00 ng/ml

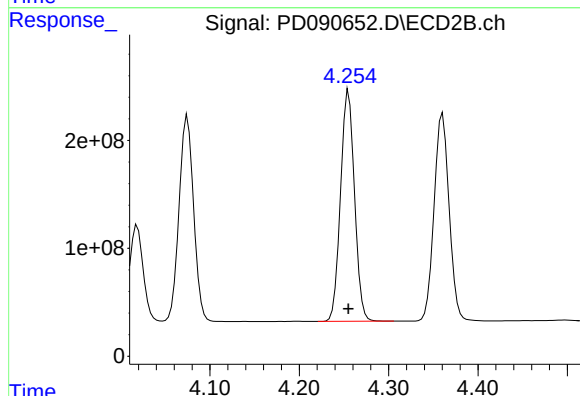
Time



#7 delta-BHC

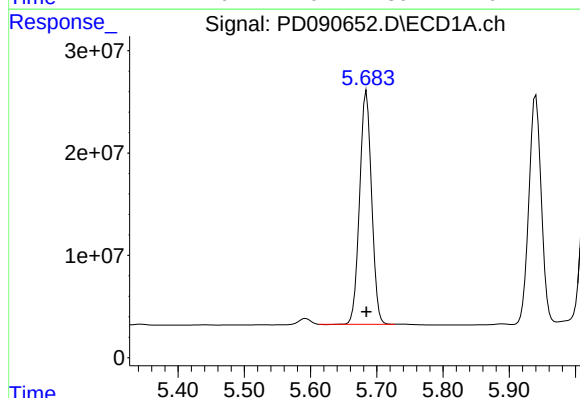
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 338575319
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



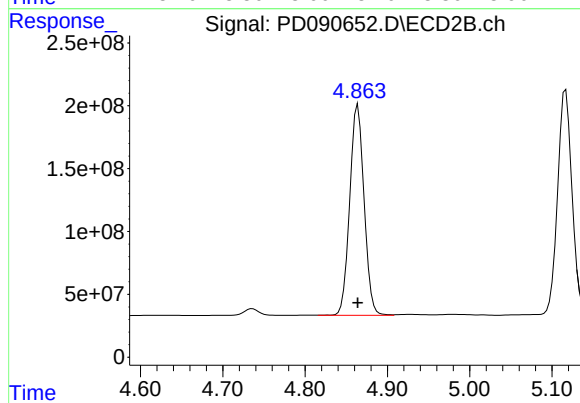
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2323317526
Conc: 50.00 ng/ml



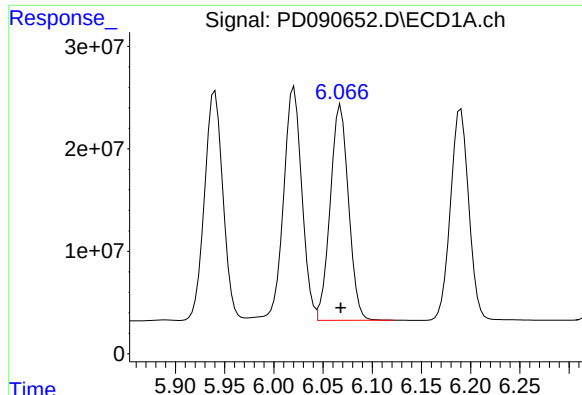
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 285933842
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

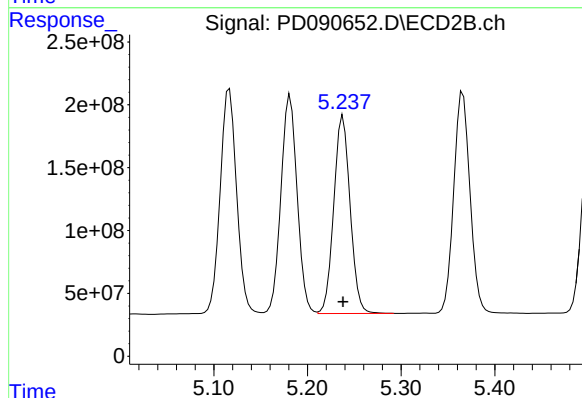
R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2033647315
Conc: 50.00 ng/ml



#9 Endosulfan I

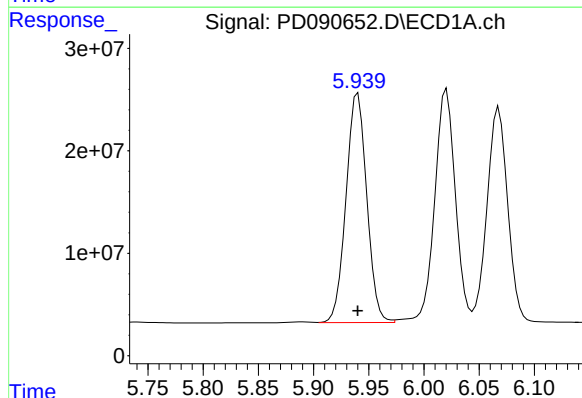
R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 272452330
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



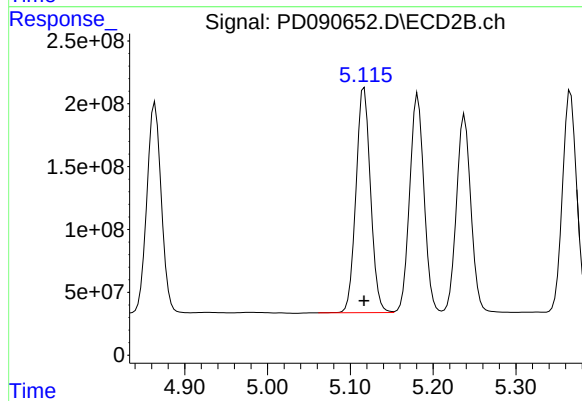
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1909283878
Conc: 50.00 ng/ml



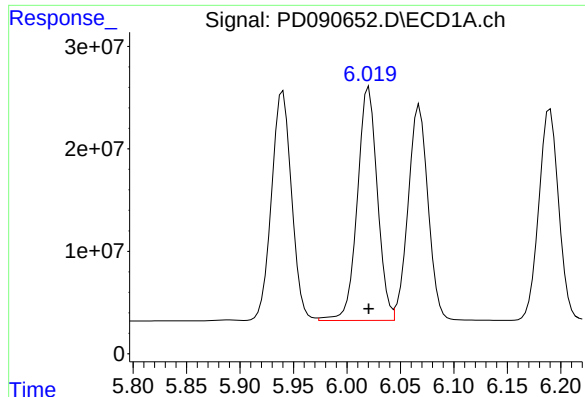
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 292781895
Conc: 50.00 ng/ml



#10 gamma-Chlordane

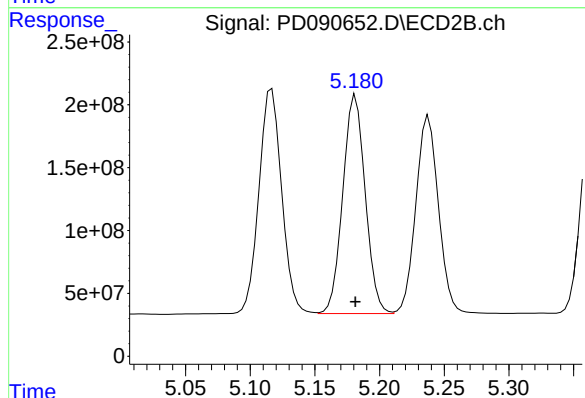
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 2187405429
Conc: 50.00 ng/ml



#11 alpha-Chlordane

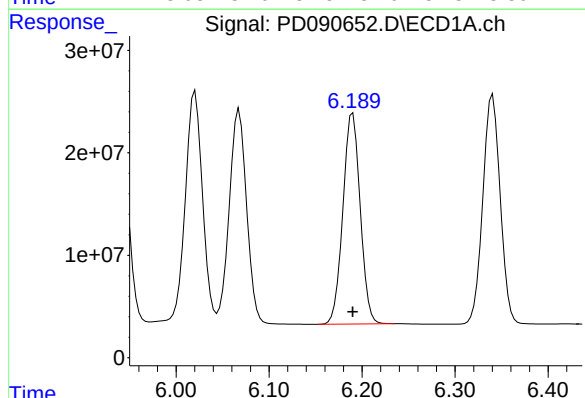
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 296932529
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



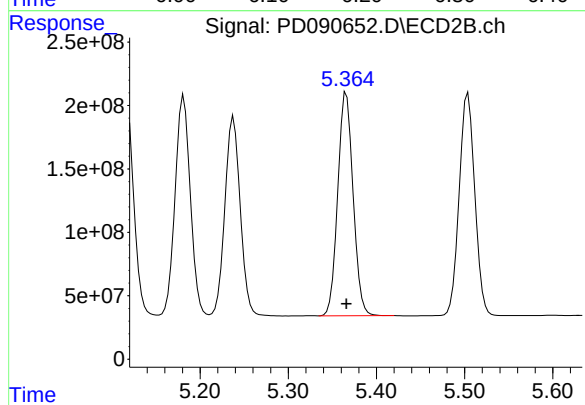
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2094650466
Conc: 50.00 ng/ml



#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 265880490
Conc: 50.00 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2127431088
Conc: 50.00 ng/ml

Response_ Signal: PD090652.D\ECD1A.ch

#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 290909064
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Time 6.15 6.20 6.25 6.30 6.35 6.40 6.45 6.50

Response_ Signal: PD090652.D\ECD2B.ch

#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2154808119
Conc: 50.00 ng/ml

Time 5.30 5.40 5.50 5.60 5.70

Response_ Signal: PD090652.D\ECD1A.ch

#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 246912451
Conc: 50.00 ng/ml

Time 6.40 6.50 6.60 6.70

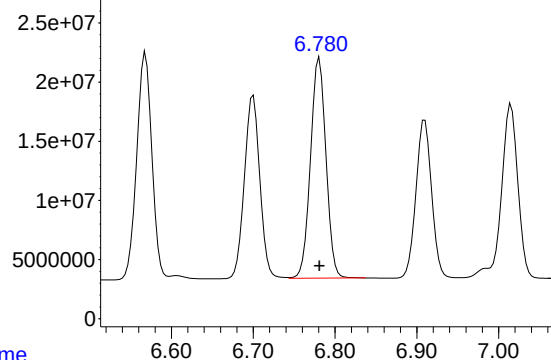
Response_ Signal: PD090652.D\ECD2B.ch

#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1970044096
Conc: 50.00 ng/ml

Time 5.60 5.70 5.80 5.90 6.00

Response_ Signal: PD090652.D\ECD1A.ch

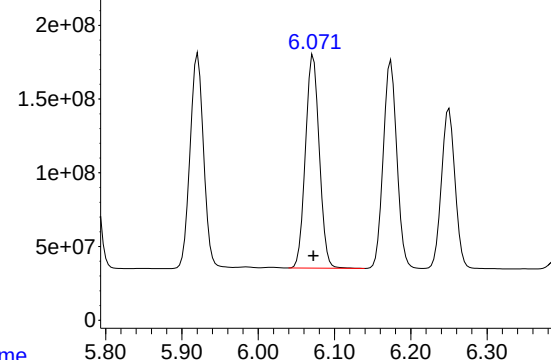


#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 244253888
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

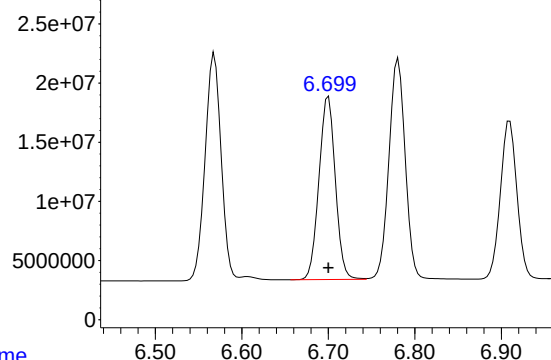
Time Response_ Signal: PD090652.D\ECD2B.ch



#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1821608734
Conc: 50.00 ng/ml

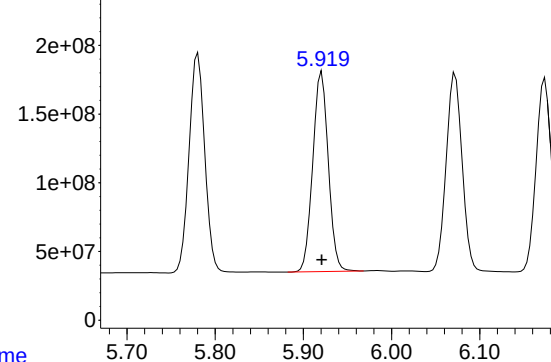
Time Response_ Signal: PD090652.D\ECD1A.ch



#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 202773551
Conc: 50.00 ng/ml

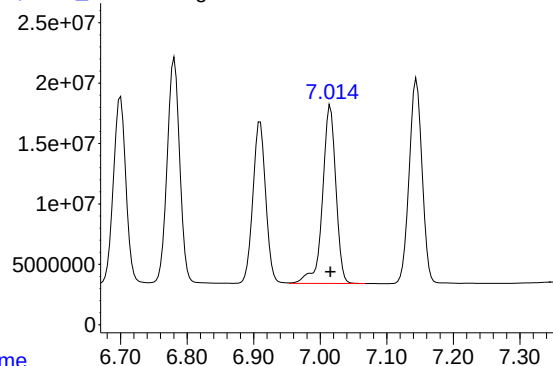
Time Response_ Signal: PD090652.D\ECD2B.ch



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1778046885
Conc: 50.00 ng/ml

Response_ Signal: PD090652.D\ECD1A.ch

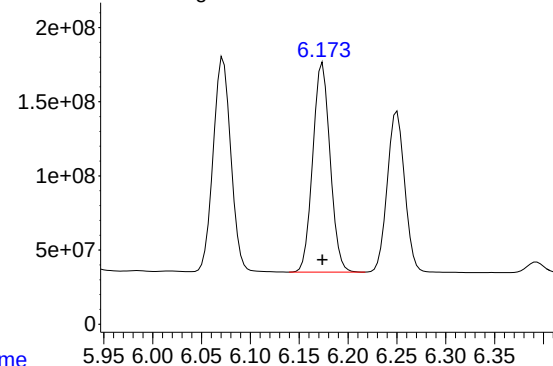


#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 205896645
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

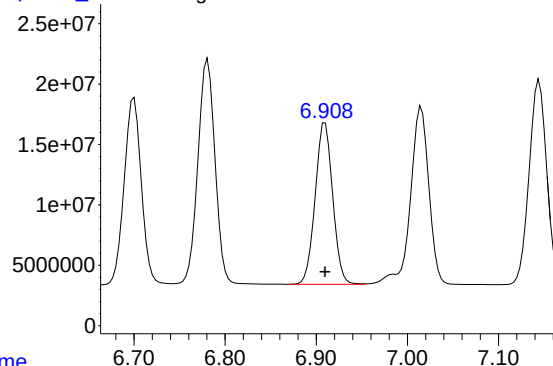
Time Response_ Signal: PD090652.D\ECD2B.ch



#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1743410018
Conc: 50.00 ng/ml

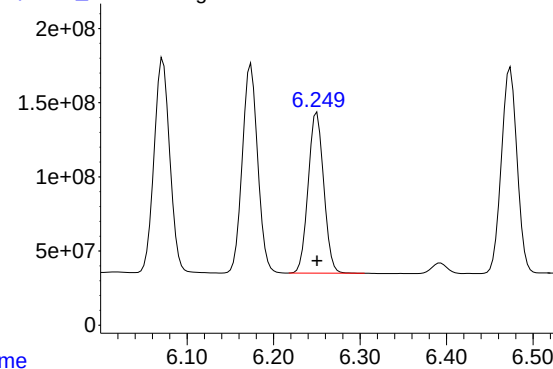
Time Response_ Signal: PD090652.D\ECD1A.ch



#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 178583940
Conc: 50.00 ng/ml

Time Response_ Signal: PD090652.D\ECD2B.ch



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1344655981
Conc: 50.00 ng/ml

Response_ Signal: PD090652.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 227808376
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Time

Response_ Signal: PD090652.D\ECD2B.ch

#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1748039260
Conc: 50.00 ng/ml

Time

Response_ Signal: PD090652.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 103932037
Conc: 50.00 ng/ml

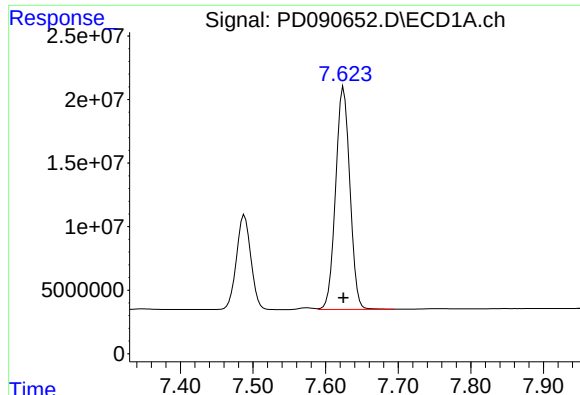
Time

Response_ Signal: PD090652.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 859946427
Conc: 50.00 ng/ml

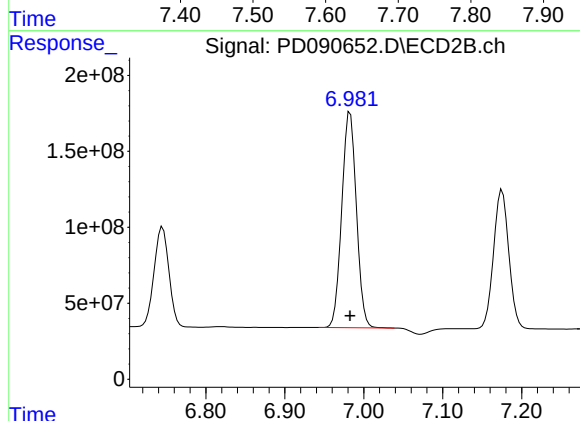
Time



#21 Endrin ketone

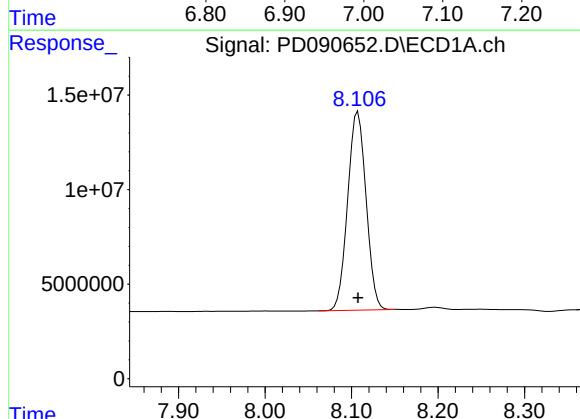
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 239116023
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



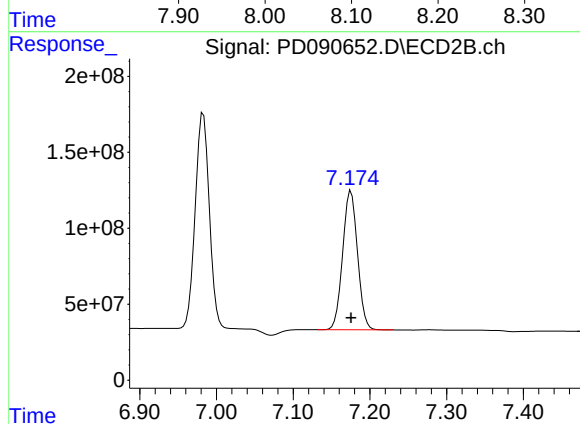
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1827533277
Conc: 50.00 ng/ml



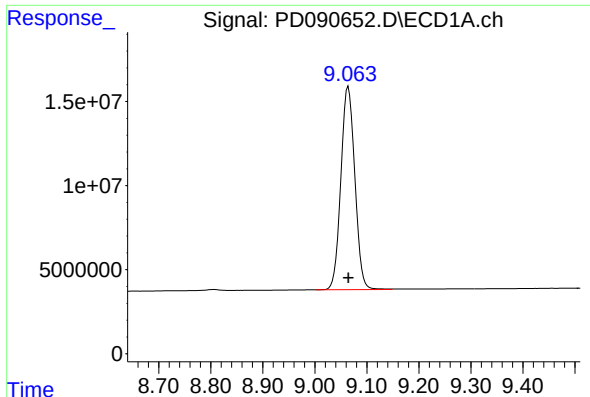
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 154621594
Conc: 50.00 ng/ml



#22 Mirex

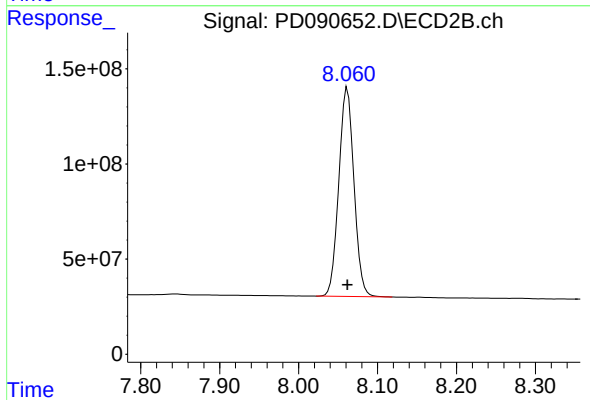
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1232028398
Conc: 50.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 225311337
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 1465399343
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
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: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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...	3.544	2.874	78107465	743.2E6	25.786	26.090
28) SA Decachlor...	9.065	8.061	117.7E6	751.4E6	26.311	25.807
Target Compounds						
2) A alpha-BHC	3.993	3.386	168.6E6	1262.5E6	23.132	25.545
3) MA gamma-BHC...	4.324	3.722	160.4E6	1170.2E6	23.501	25.669
4) MA Heptachlor	4.922	4.074	132.2E6	1112.6E6	23.835	26.052
5) MB Aldrin	5.263	4.360	156.0E6	1154.3E6	23.982	25.959
6) B beta-BHC	4.511	4.018	64015475	495.1E6	25.339	26.214
7) B delta-BHC	4.759	4.255	158.6E6	1178.9E6	23.327	25.605
8) B Heptachlo...	5.684	4.864	139.6E6	1059.4E6	24.488	26.460
9) A Endosulfan I	6.067	5.238	133.7E6	987.0E6	24.700	26.323
10) B gamma-Chl...	5.939	5.116	139.8E6	1108.7E6	23.988	25.717
11) B alpha-Chl...	6.020	5.181	154.3E6	1067.7E6	25.731	25.860
12) B 4,4'-DDE	6.190	5.365	126.3E6	1089.4E6	23.861	25.967
13) MA Dieldrin	6.340	5.503	138.8E6	1105.1E6	23.985	26.105
14) MA Endrin	6.567	5.780	117.8E6	1017.3E6	23.978	26.284
15) B Endosulfa...	6.781	6.071	119.7E6	938.0E6	24.710	26.203
16) A 4,4'-DDD	6.700	5.920	96019034	905.9E6	23.822	25.918
17) MA 4,4'-DDT	7.016	6.173	98197092	874.0E6	23.870	25.388
18) B Endrin al...	6.909	6.250	89492653	694.2E6	25.271	26.317
19) B Endosulfa...	7.144	6.473	112.0E6	896.5E6	24.754	26.114
20) A Methoxychlor	7.488	6.744	52364279	443.4E6	25.424	26.326
21) B Endrin ke...	7.625	6.982	117.4E6	945.4E6	24.668	26.289
22) Mirex	8.108	7.175	79715192	640.8E6	26.131	26.336

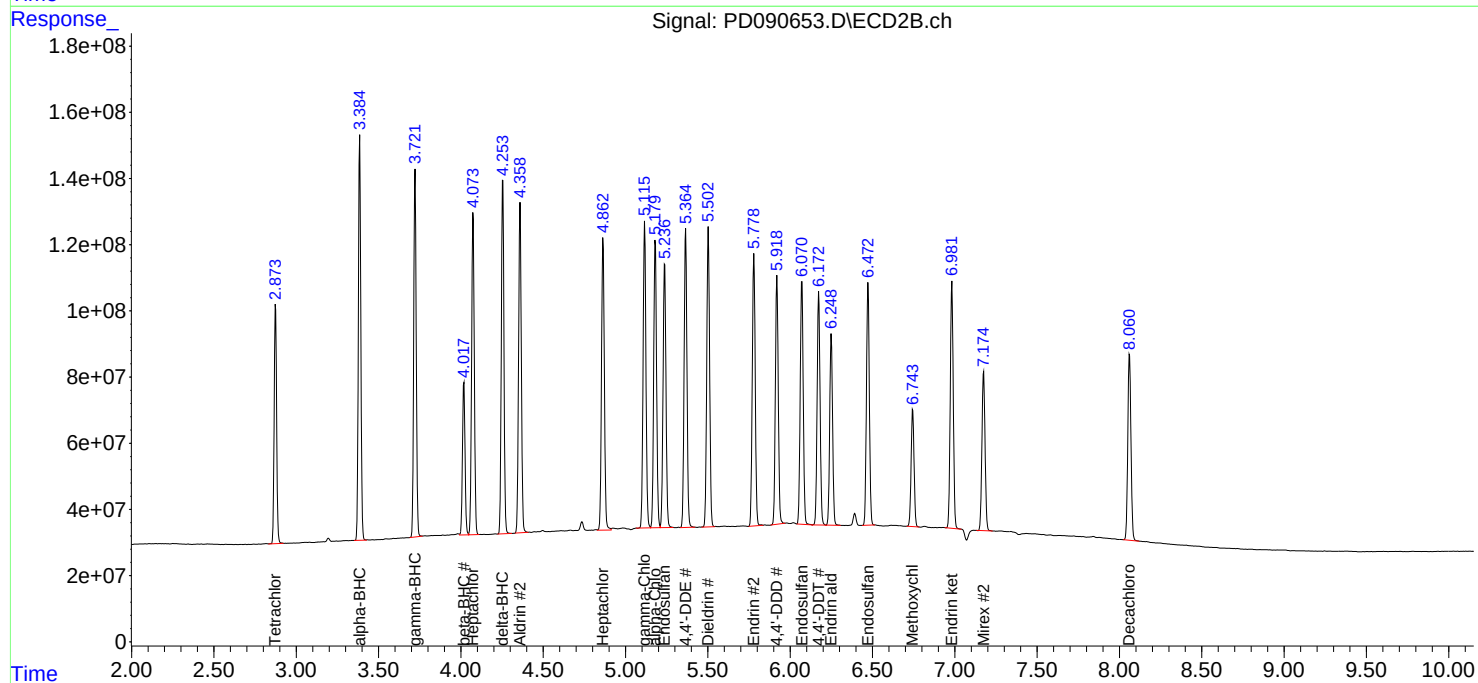
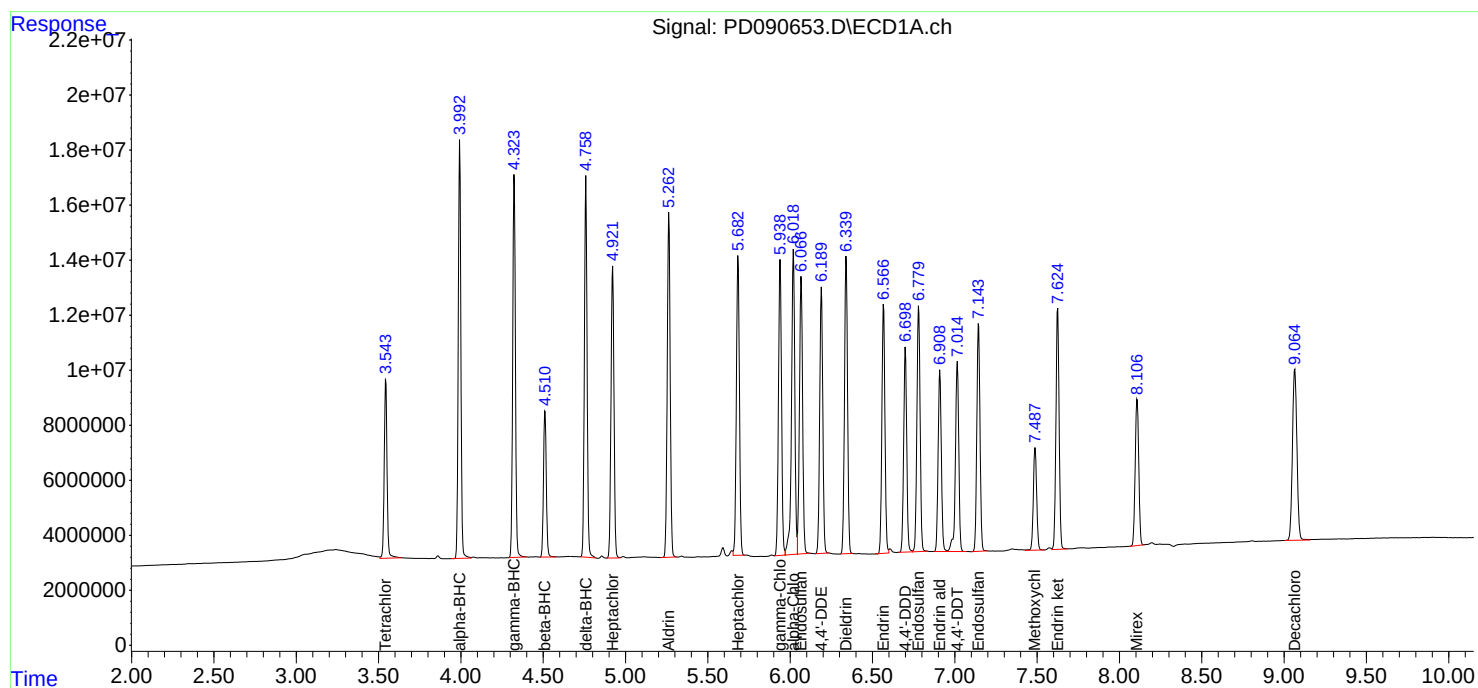
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
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: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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

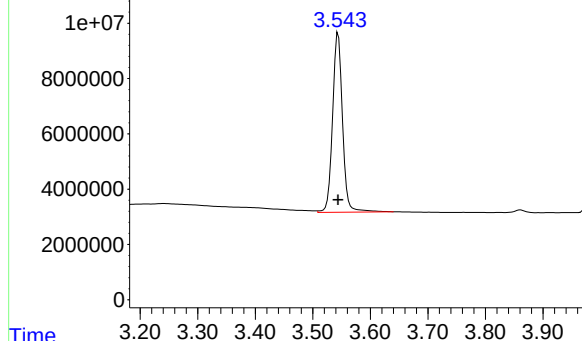


Response_ Signal: PD090653.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 78107465
Conc: 25.79 ng/ml

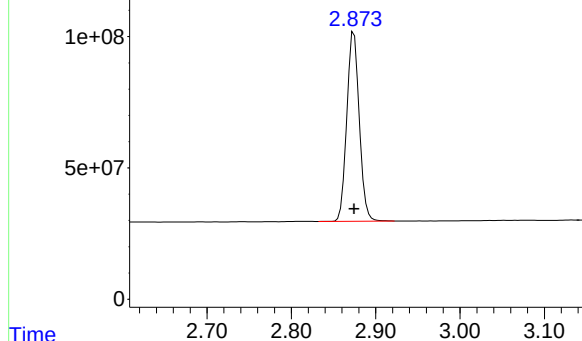
Instrument :
ECD_D
ClientSampleId :
PSTDICC025



Response_ Signal: PD090653.D\ECD2B.ch

#1 Tetrachloro-m-xylene

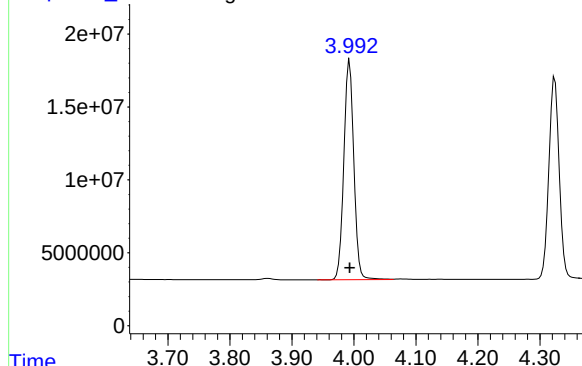
R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 743162855
Conc: 26.09 ng/ml



Response_ Signal: PD090653.D\ECD1A.ch

#2 alpha-BHC

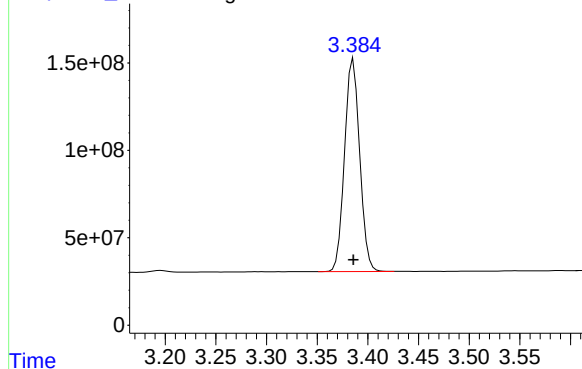
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 168576733
Conc: 23.13 ng/ml

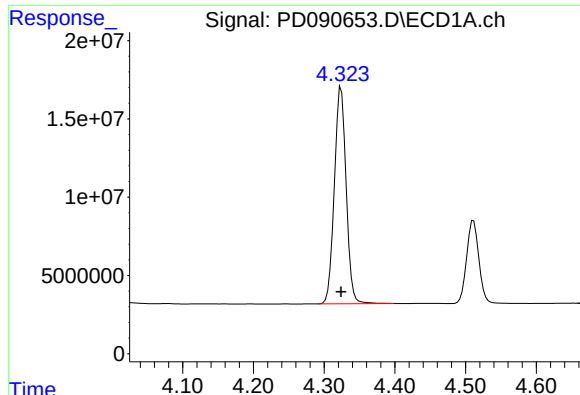


Response_ Signal: PD090653.D\ECD2B.ch

#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 1262506307
Conc: 25.54 ng/ml

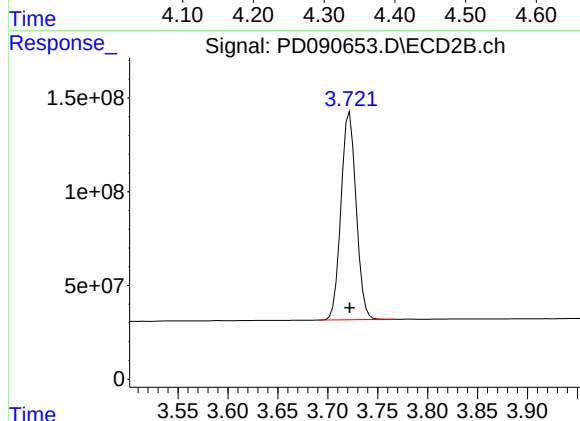




#3 gamma-BHC (Lindane)

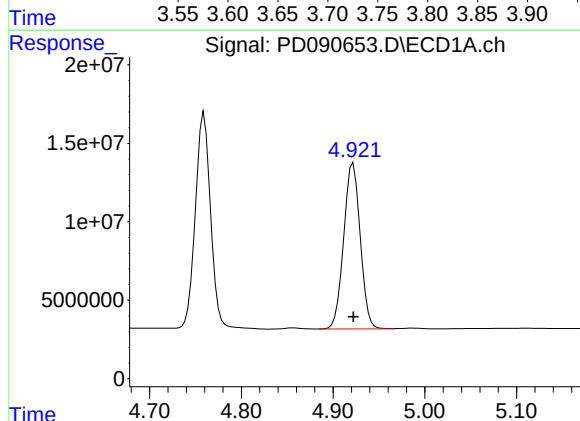
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 160449432
Conc: 23.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



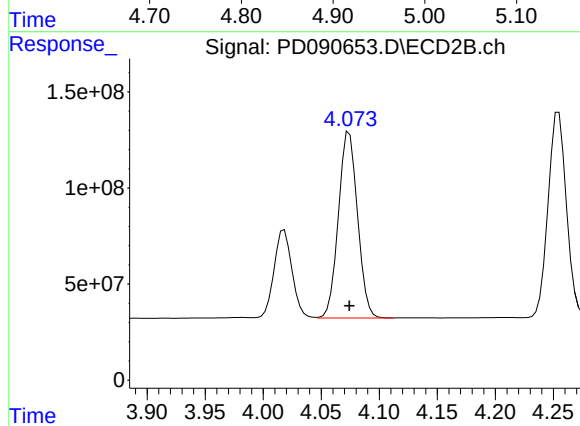
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1170208039
Conc: 25.67 ng/ml



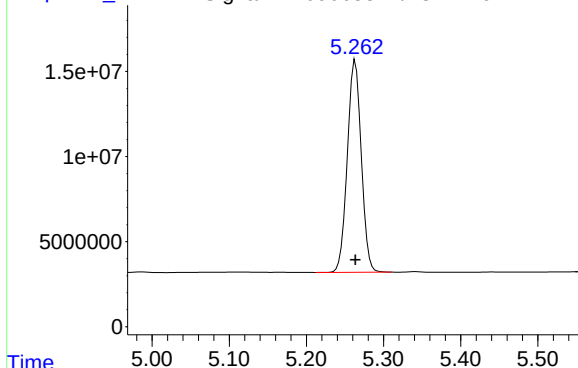
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 132221469
Conc: 23.83 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1112572417
Conc: 26.05 ng/ml



R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 155953472
Conc: 23.98 ng/ml

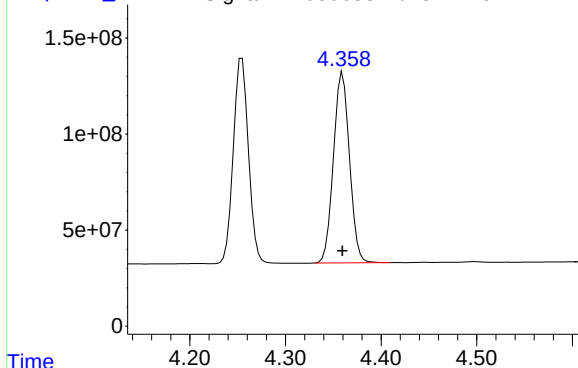
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response_

Signal: PD090653.D\ECD2B.ch

#5 Aldrin



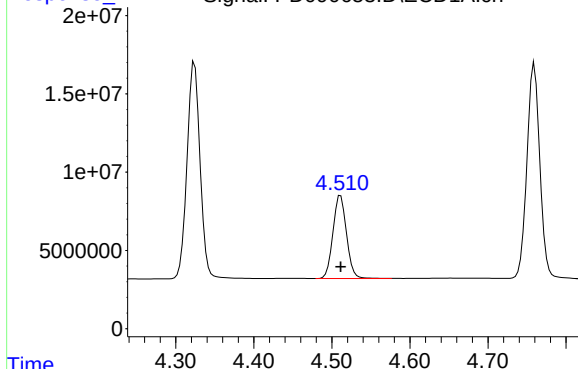
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1154309416
Conc: 25.96 ng/ml

Time

Response_

Signal: PD090653.D\ECD1A.ch

#6 beta-BHC



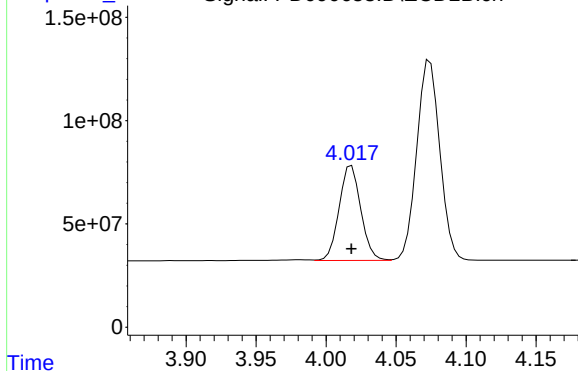
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 64015475
Conc: 25.34 ng/ml

Time

Response_

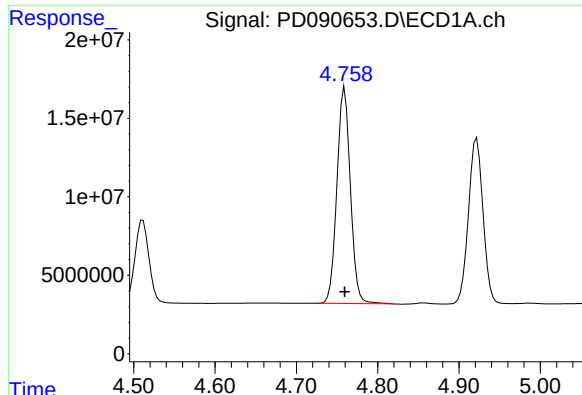
Signal: PD090653.D\ECD2B.ch

#6 beta-BHC



R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 495101315
Conc: 26.21 ng/ml

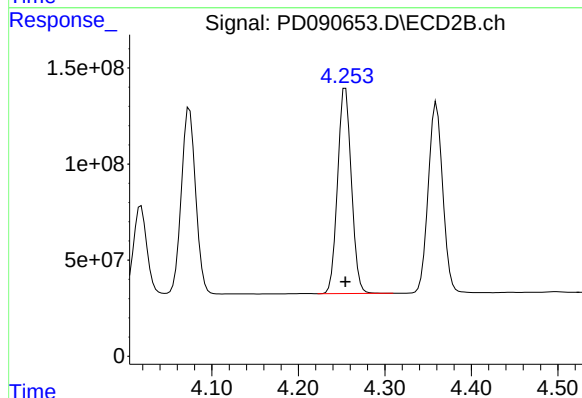
Time



#7 delta-BHC

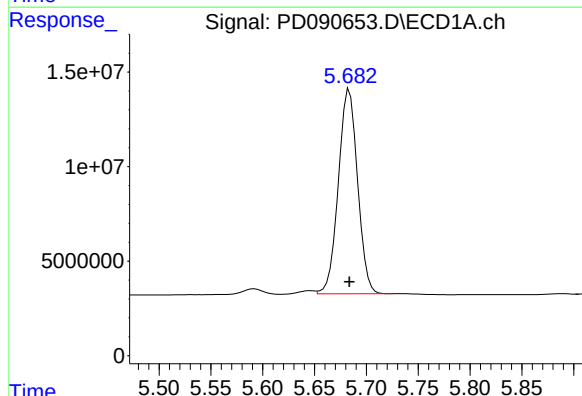
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 158561347
Conc: 23.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



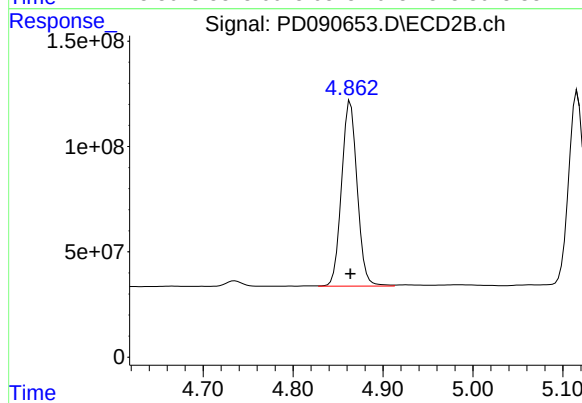
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1178894488
Conc: 25.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 139624515
Conc: 24.49 ng/ml



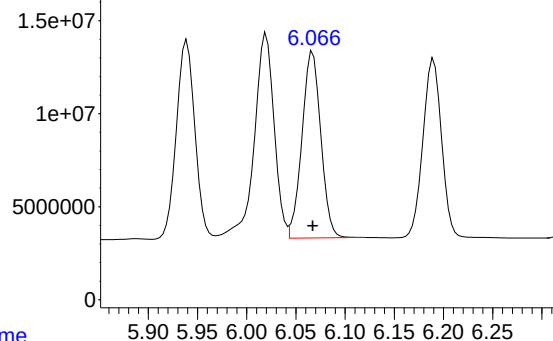
#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 1059359842
Conc: 26.46 ng/ml

Response_

Signal: PD090653.D\ECD1A.ch

#9 Endosulfan I



R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 133716398
Conc: 24.70 ng/ml

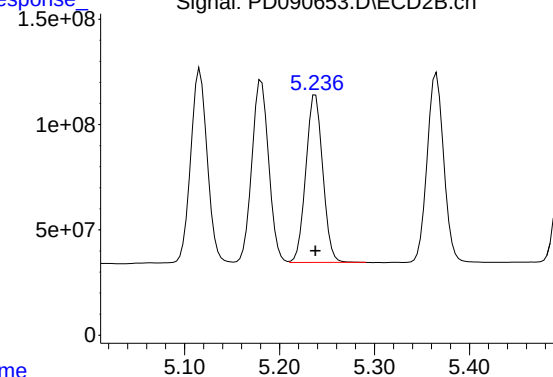
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response

Signal: PD090653.D\ECD2B.ch

#9 Endosulfan I



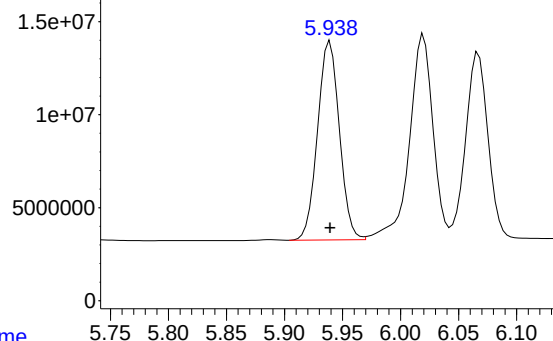
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 986966005
Conc: 26.32 ng/ml

Time

Response_

Signal: PD090653.D\ECD1A.ch

#10 gamma-Chlordane



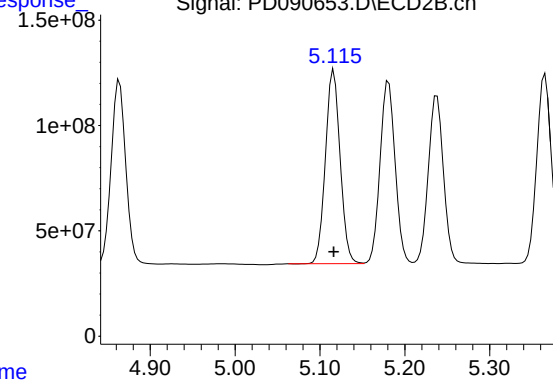
R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 139816717
Conc: 23.99 ng/ml

Time

Response

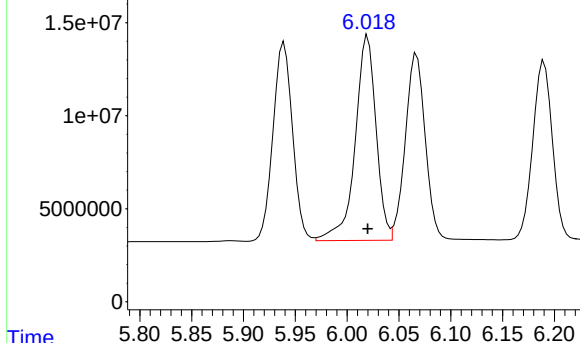
Signal: PD090653.D\ECD2B.ch

#10 gamma-Chlordane



R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1108664102
Conc: 25.72 ng/ml

Time



R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 154261488
Conc: 25.73 ng/ml

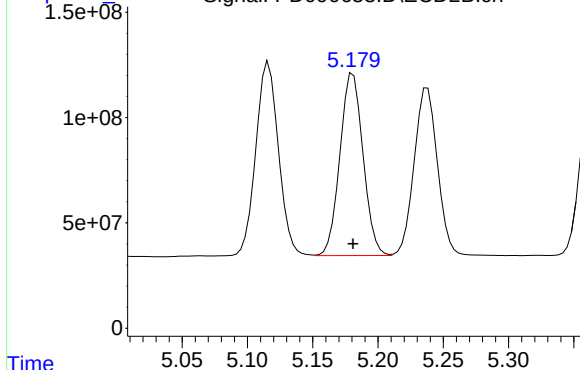
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time 5.80 5.85 5.90 5.95 6.00 6.05 6.10 6.15 6.20

Response

Signal: PD090653.D\ECD2B.ch

#11 alpha-Chlordane



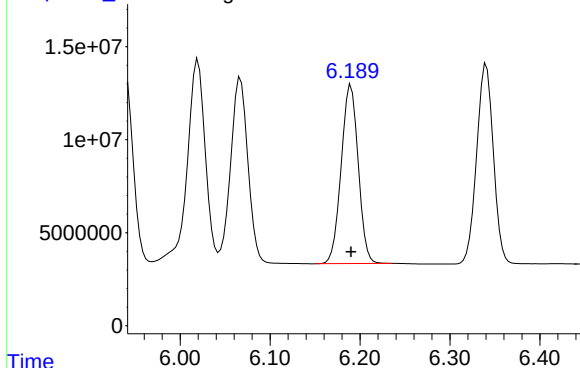
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1067721561
Conc: 25.86 ng/ml

Time 5.05 5.10 5.15 5.20 5.25 5.30

Response_

Signal: PD090653.D\ECD1A.ch

#12 4,4'-DDE



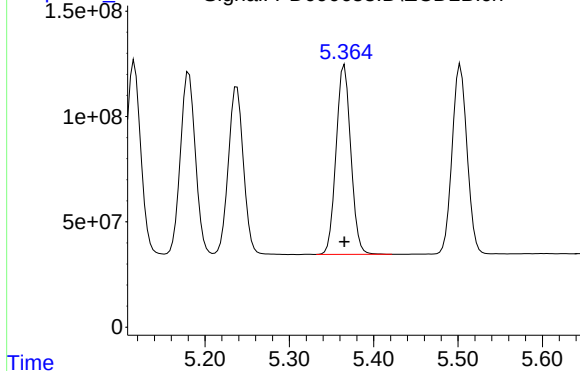
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 126326499
Conc: 23.86 ng/ml

Time 6.00 6.10 6.20 6.30 6.40

Response

Signal: PD090653.D\ECD2B.ch

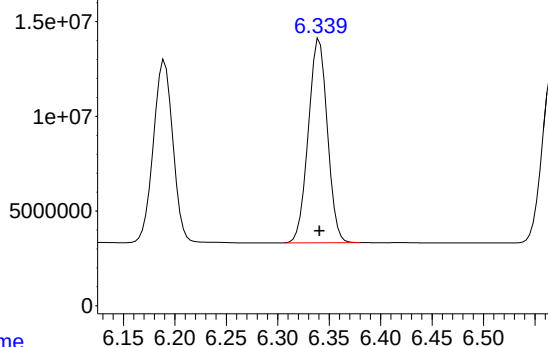
#12 4,4'-DDE



R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1089429298
Conc: 25.97 ng/ml

Time 5.20 5.30 5.40 5.50 5.60

Response_ Signal: PD090653.D\ECD1A.ch

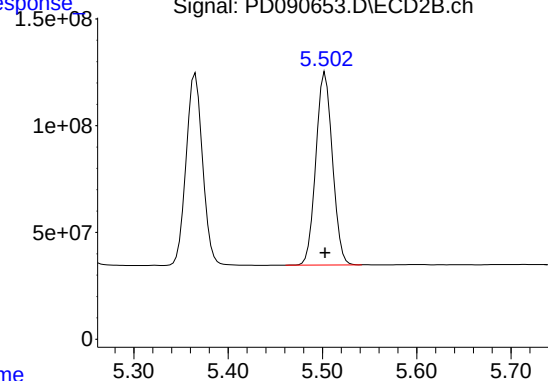


#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 138758150
Conc: 23.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

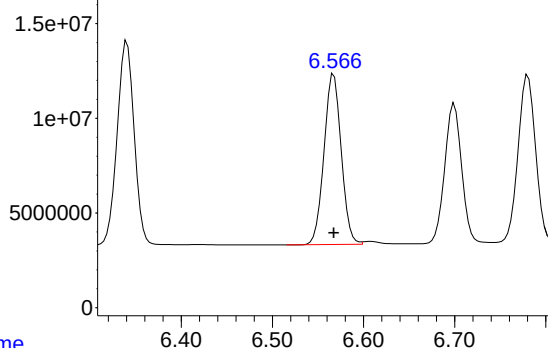
Time Response_ Signal: PD090653.D\ECD2B.ch



#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1105079839
Conc: 26.11 ng/ml

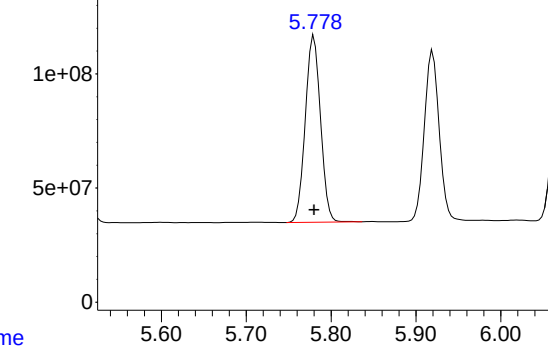
Time Response_ Signal: PD090653.D\ECD1A.ch



#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 117779573
Conc: 23.98 ng/ml

Time Response_ Signal: PD090653.D\ECD2B.ch



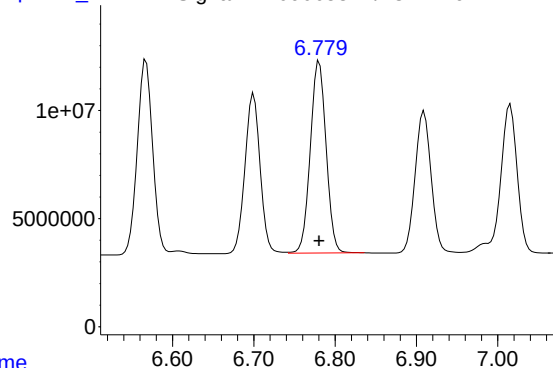
#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1017324913
Conc: 26.28 ng/ml

Response_

Signal: PD090653.D\ECD1A.ch

#15 Endosulfan II



R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 119743666
Conc: 24.71 ng/ml

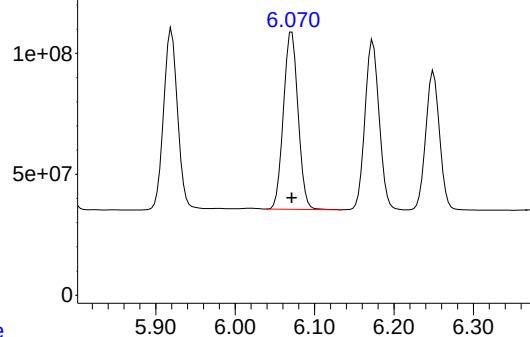
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response_

Signal: PD090653.D\ECD2B.ch

#15 Endosulfan II



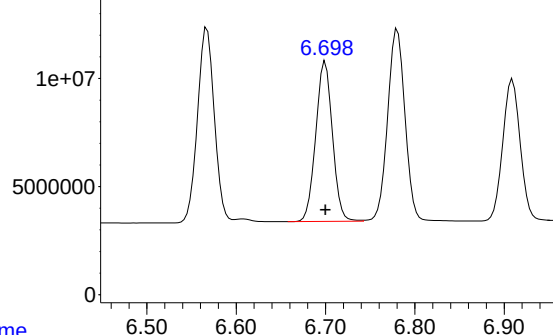
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 938003929
Conc: 26.20 ng/ml

Time

Response_

Signal: PD090653.D\ECD1A.ch

#16 4,4'-DDD



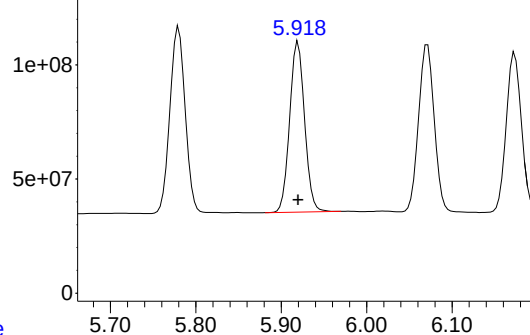
R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 96019034
Conc: 23.82 ng/ml

Time

Response_

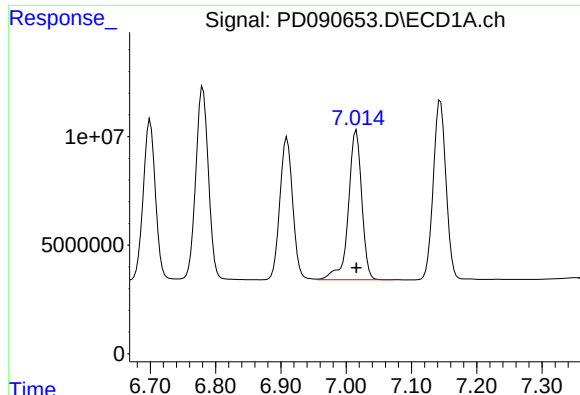
Signal: PD090653.D\ECD2B.ch

#16 4,4'-DDD



R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 905938376
Conc: 25.92 ng/ml

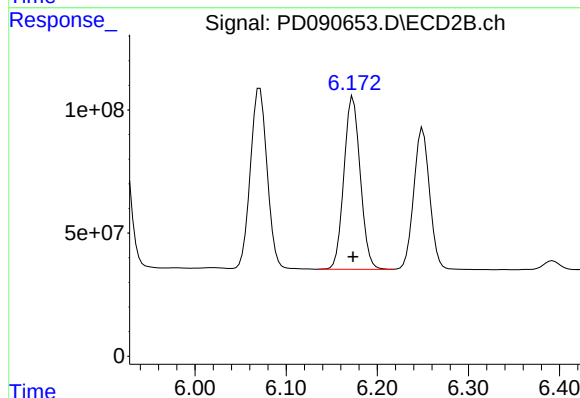
Time



#17 4,4'-DDT

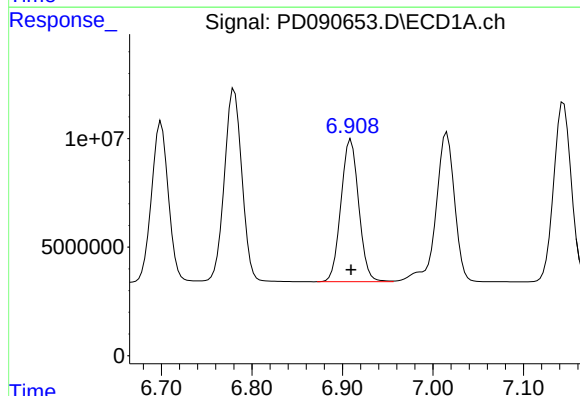
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 98197092
Conc: 23.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



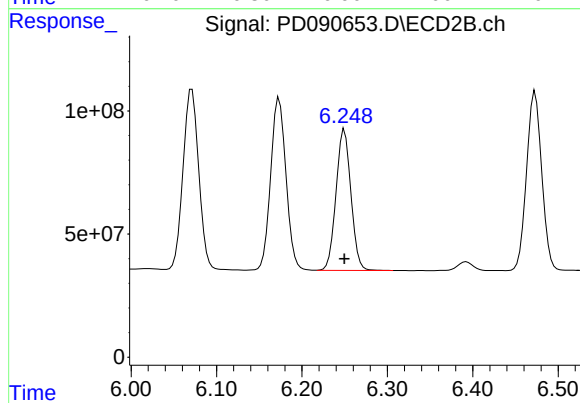
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 873976959
Conc: 25.39 ng/ml



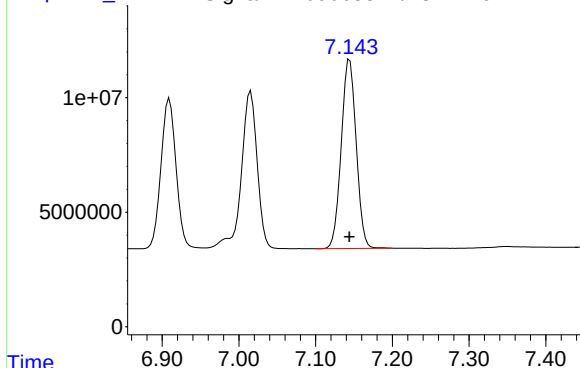
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 89492653
Conc: 25.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 694183960
Conc: 26.32 ng/ml



R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 111999004
Conc: 24.75 ng/ml

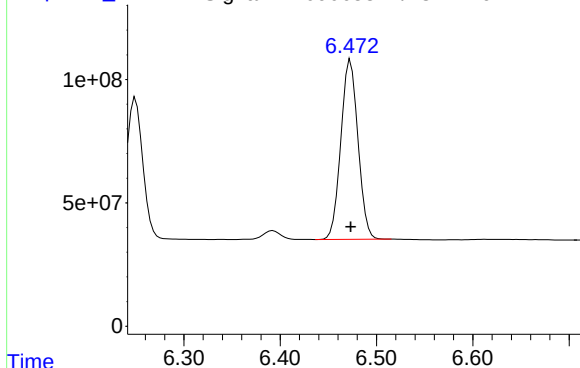
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response_

Signal: PD090653.D\ECD2B.ch

#19 Endosulfan Sulfate



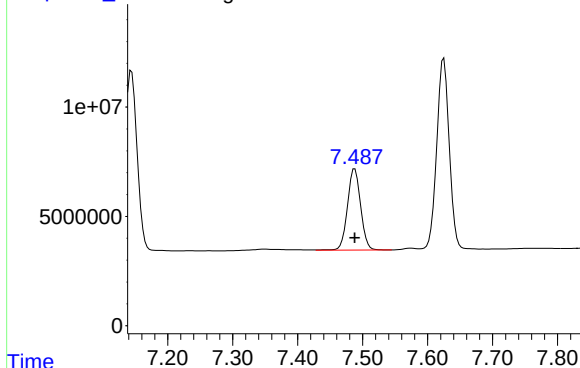
R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 896525775
Conc: 26.11 ng/ml

Time

Response_

Signal: PD090653.D\ECD1A.ch

#20 Methoxychlor



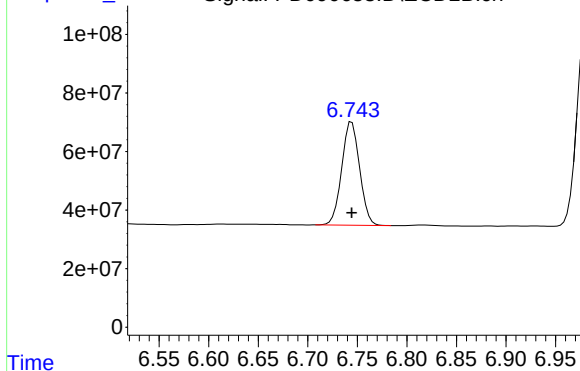
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 52364279
Conc: 25.42 ng/ml

Time

Response_

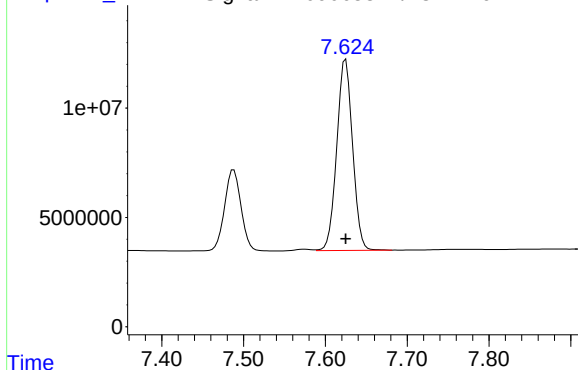
Signal: PD090653.D\ECD2B.ch

#20 Methoxychlor



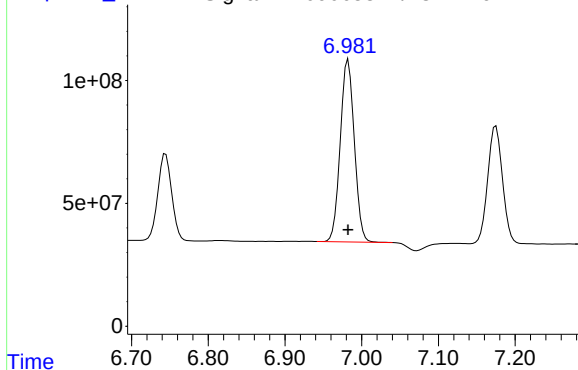
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 443376884
Conc: 26.33 ng/ml

Time

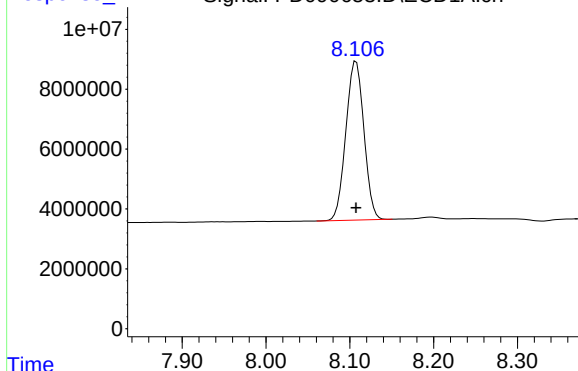


R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 117381168
Conc: 24.67 ng/ml

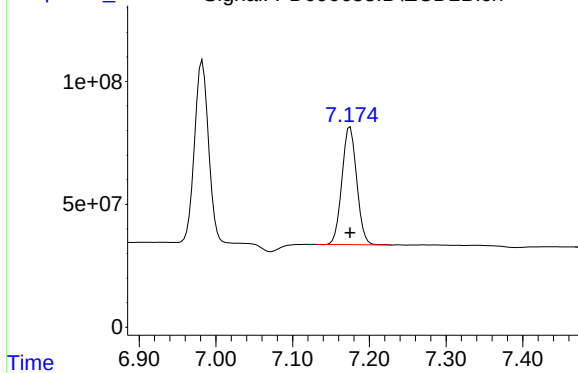
Instrument :
ECD_D
ClientSampleId :
PSTDICC025



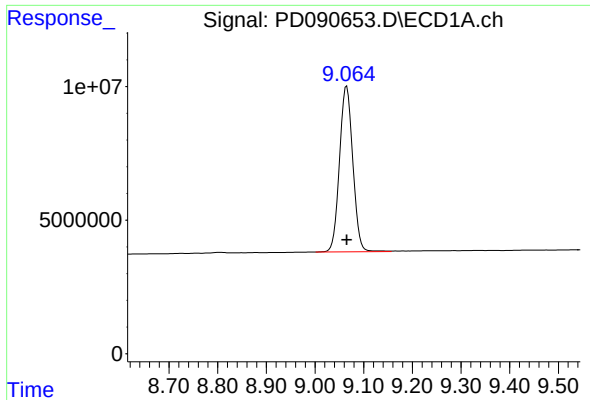
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 945417829
Conc: 26.29 ng/ml



R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 79715192
Conc: 26.13 ng/ml



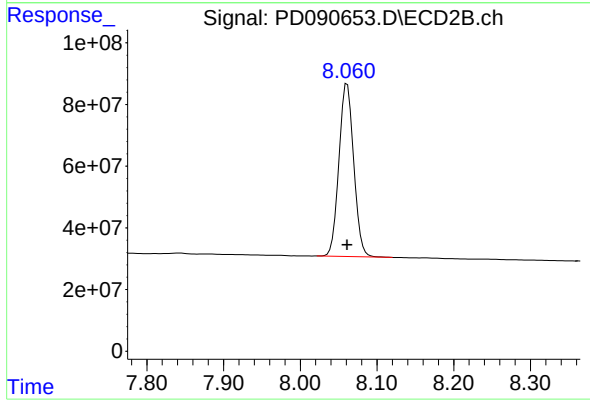
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 640790883
Conc: 26.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 117676418
Conc: 26.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 751430638
Conc: 25.81 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:28
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:41:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.543	2.874	17271955	174.7E6	5.550m	5.868
28) SA Decachlor...	9.066	8.062	27500355	174.9E6	5.879	5.775
Target Compounds						
2) A alpha-BHC	3.993	3.386	33677596	288.9E6	4.692	5.655
3) MA gamma-BHC...	4.324	3.723	33423739	269.5E6	4.916	5.703
4) MA Heptachlor	4.922	4.075	28789856	260.9E6	5.151	5.850
5) MB Aldrin	5.264	4.360	33624118	268.6E6	5.136	5.800
6) B beta-BHC	4.512	4.019	14963256	118.0E6	5.712	5.951
7) B delta-BHC	4.760	4.255	33098385	272.1E6	4.895	5.702
8) B Heptachlo...	5.684	4.864	30689599	265.3E6	5.301	6.280
9) A Endosulfan I	6.067	5.238	30143871	234.9E6	5.444	5.962
10) B gamma-Chl...	5.940	5.117	31705442	261.5E6	5.346	5.818
11) B alpha-Chl...	6.019	5.181	34603140	252.7E6	5.576m	5.857
12) B 4,4'-DDE	6.190	5.366	27280775	256.9E6	5.122	5.859
13) MA Dieldrin	6.341	5.504	30082015	258.0E6	5.159	5.839
14) MA Endrin	6.568	5.781	25601278	238.2E6	5.168	5.883
15) B Endosulfa...	6.781	6.072	28078989	222.9E6	5.616	5.936
16) A 4,4'-DDD	6.700	5.921	20742842	211.9E6	5.116	5.814
17) MA 4,4'-DDT	7.016	6.175	20485670	188.3E6	4.984	5.370
18) B Endrin al...	6.910	6.250	20741409	164.8E6	5.663	5.950
19) B Endosulfa...	7.144	6.474	25464611	209.5E6	5.490	5.845
20) A Methoxychlor	7.489	6.745	11946535	98858490	5.620	5.672
21) B Endrin ke...	7.624	6.983	26302012	223.7E6	5.414m	5.931
22) Mirex	8.108	7.175	19009608	155.6E6	5.939	6.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:28
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

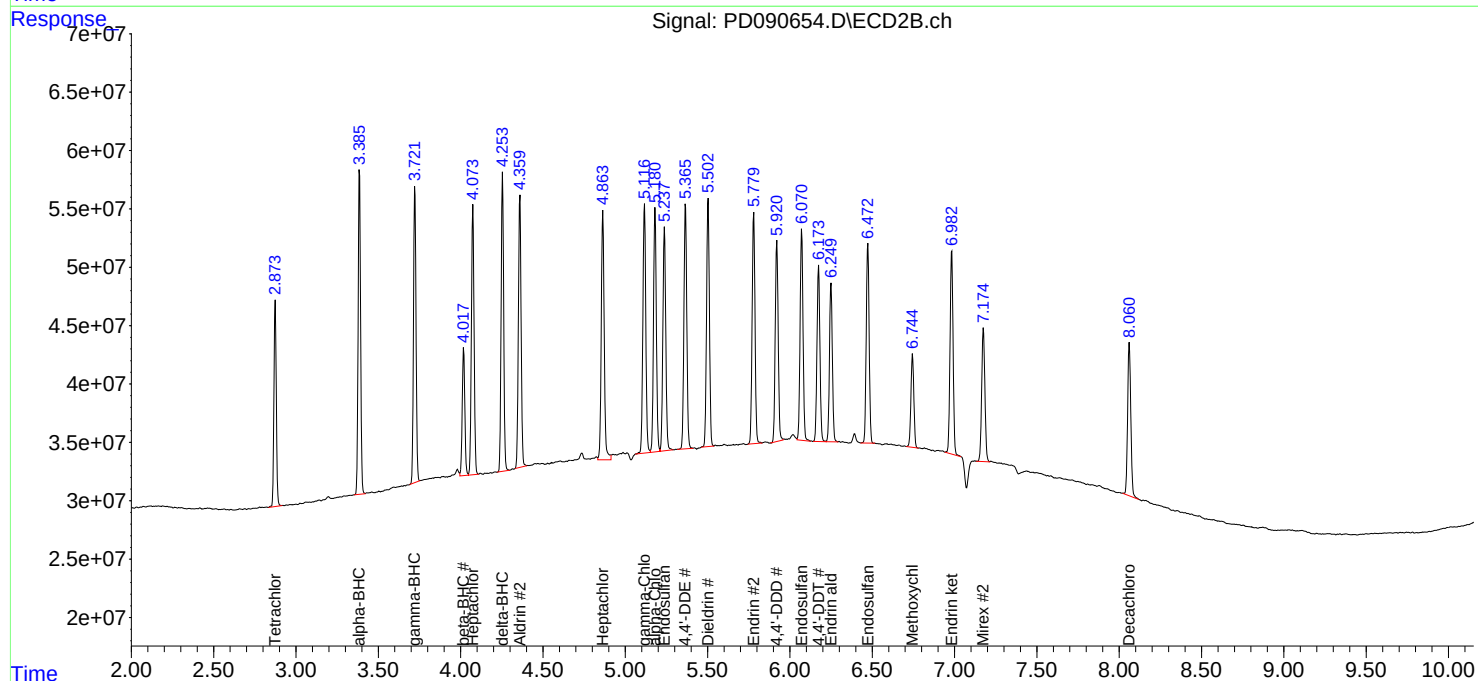
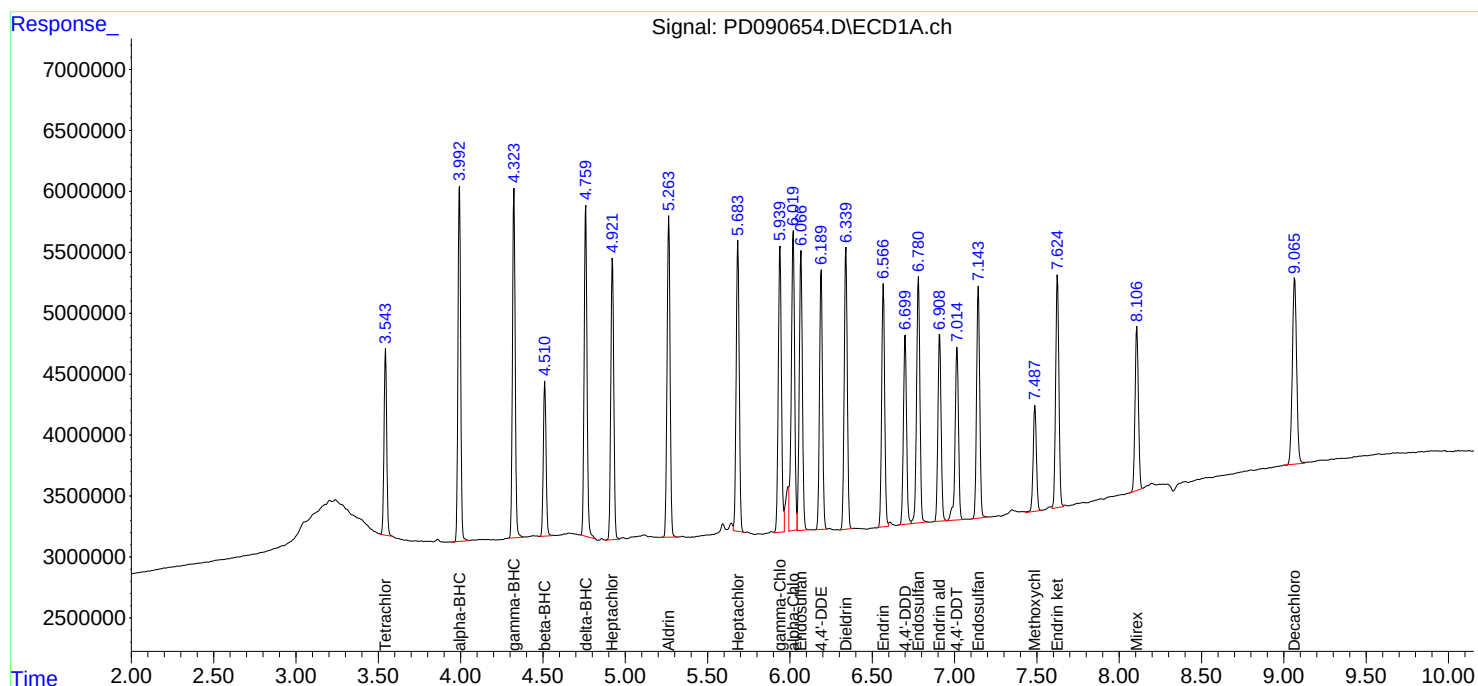
APPROVED

Reviewed By :Abdul Mirza 10/19/2025

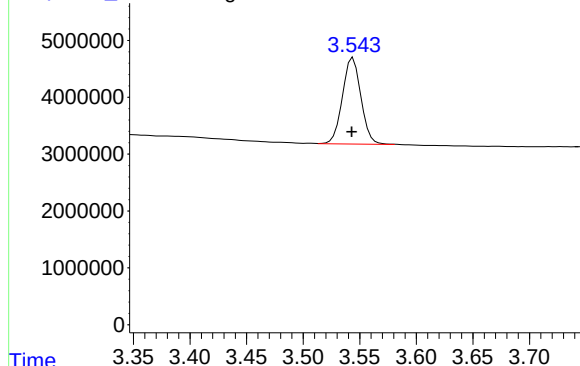
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:41:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Response_ Signal: PD090654.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 17271955
Conc: 5.55 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

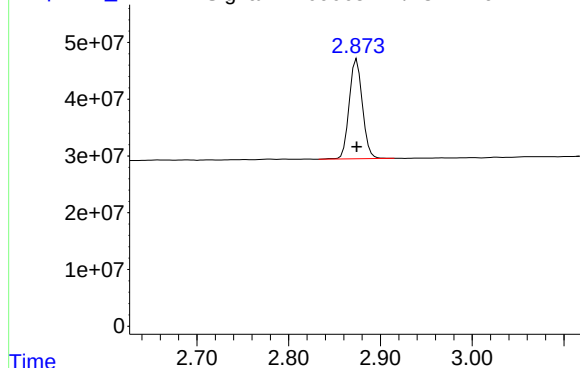
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

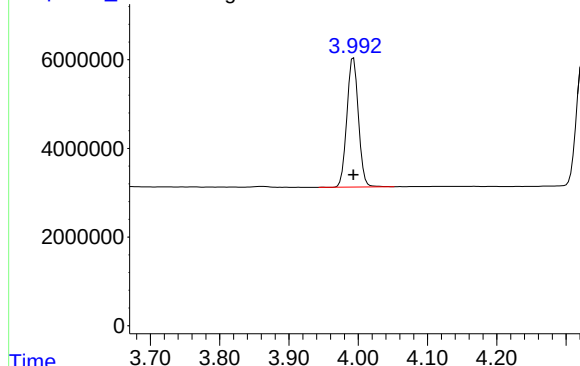
Time Response_ Signal: PD090654.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 174747032
Conc: 5.87 ng/ml

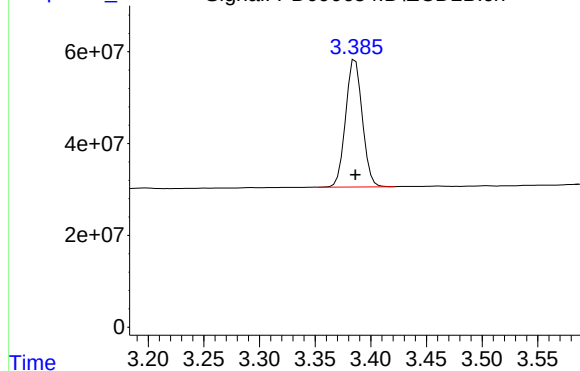
Time Response_ Signal: PD090654.D\ECD1A.ch



#2 alpha-BHC

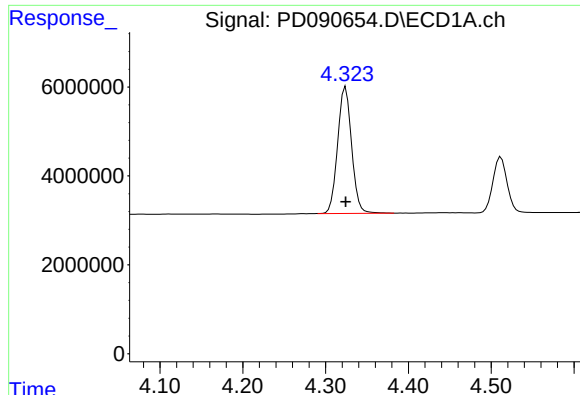
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 33677596
Conc: 4.69 ng/ml

Time Response_ Signal: PD090654.D\ECD2B.ch



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 288924308
Conc: 5.65 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 33423739
Conc: 4.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

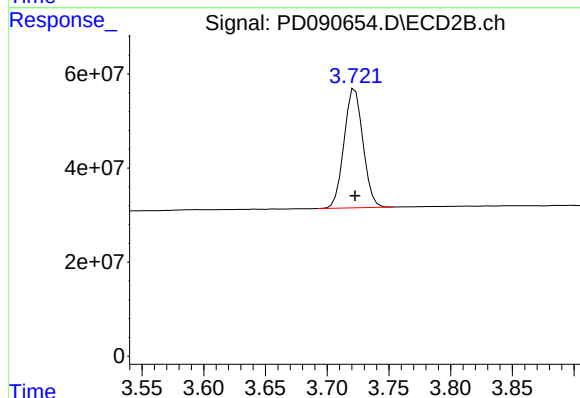
PSTDICC005

Manual Integrations

APPROVED

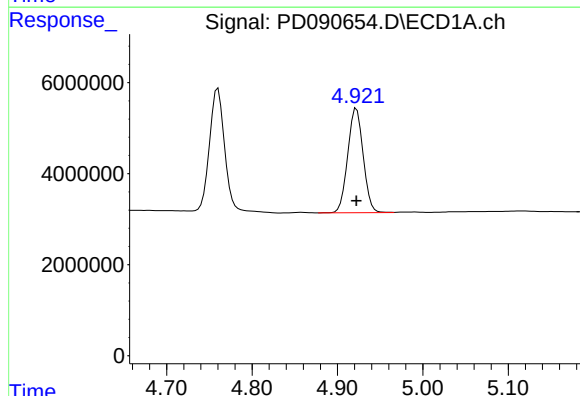
Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025



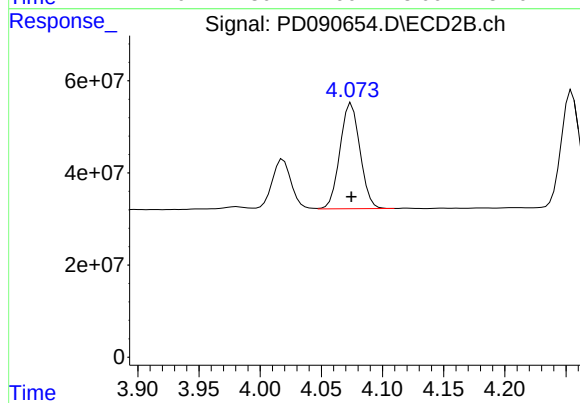
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 269467396
Conc: 5.70 ng/ml



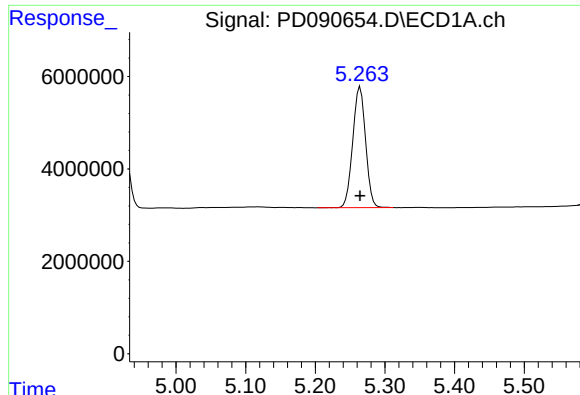
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 28789856
Conc: 5.15 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 260945196
Conc: 5.85 ng/ml



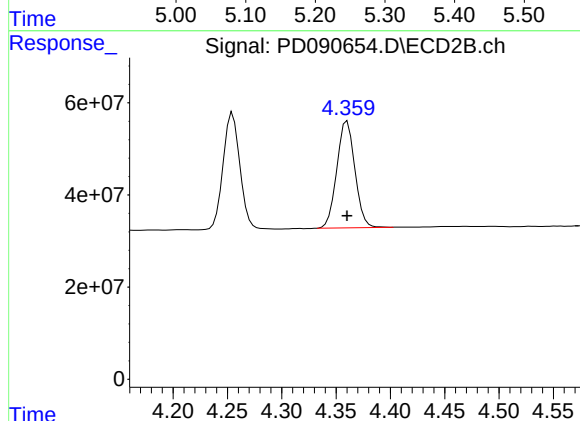
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 33624118
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

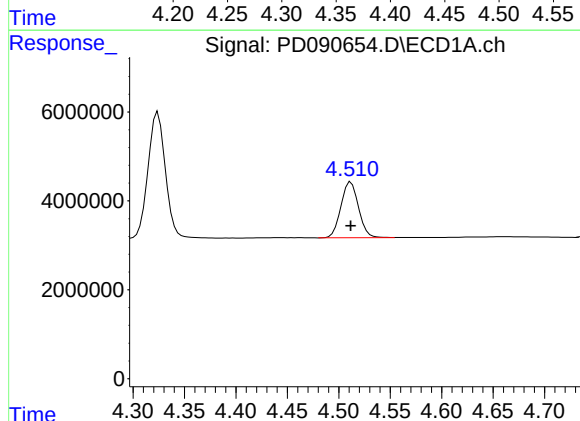
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



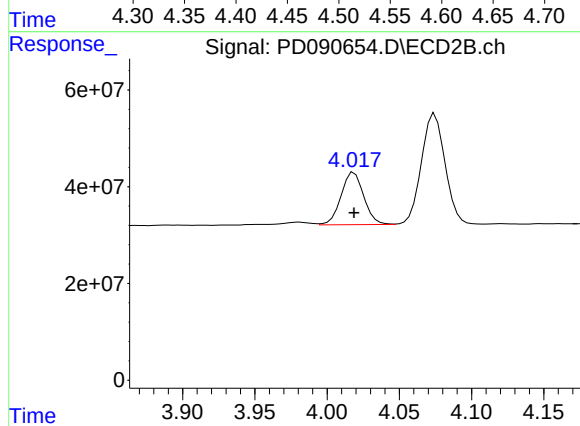
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 268648325
Conc: 5.80 ng/ml



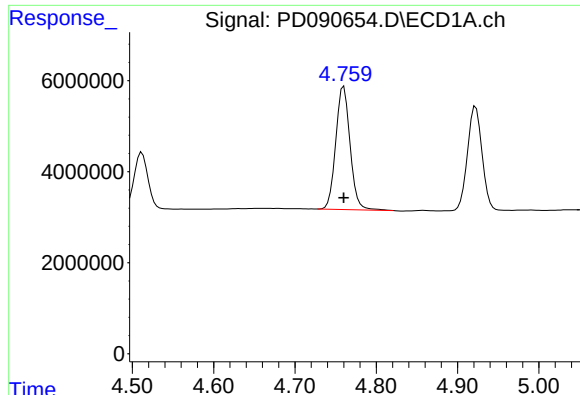
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 14963256
Conc: 5.71 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 118003884
Conc: 5.95 ng/ml



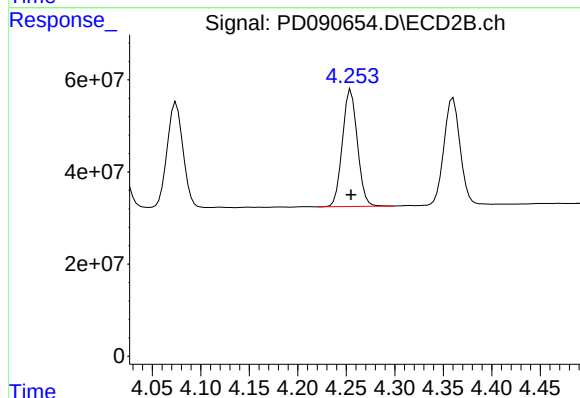
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 33098385
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

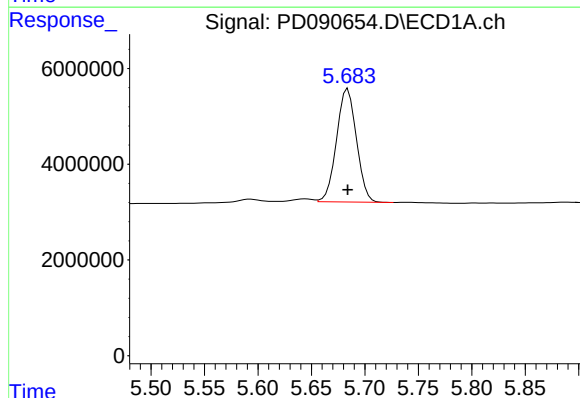
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



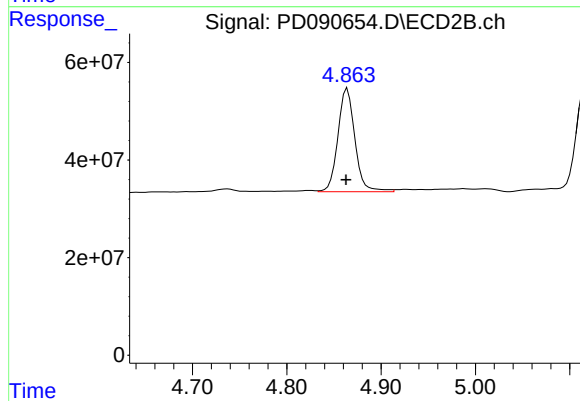
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 272079912
Conc: 5.70 ng/ml



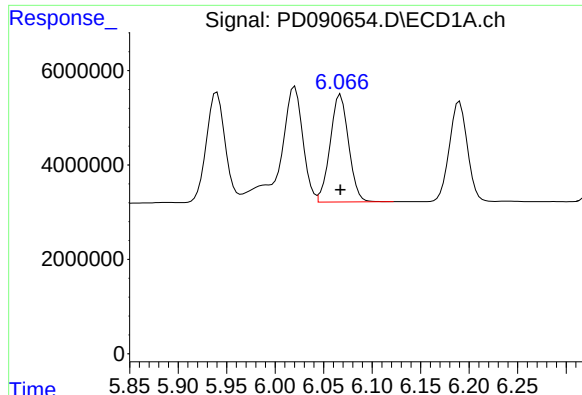
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 30689599
Conc: 5.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.001 min
Response: 265262691
Conc: 6.28 ng/ml



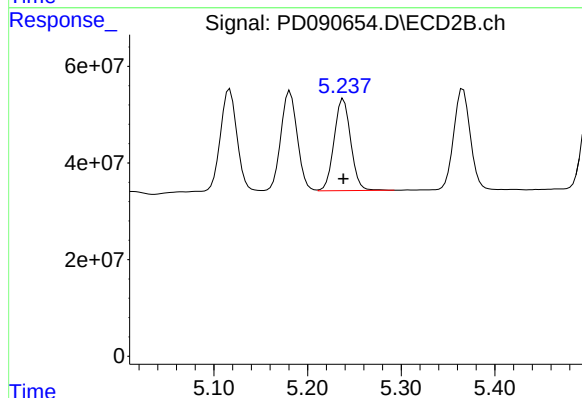
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 30143871
Conc: 5.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

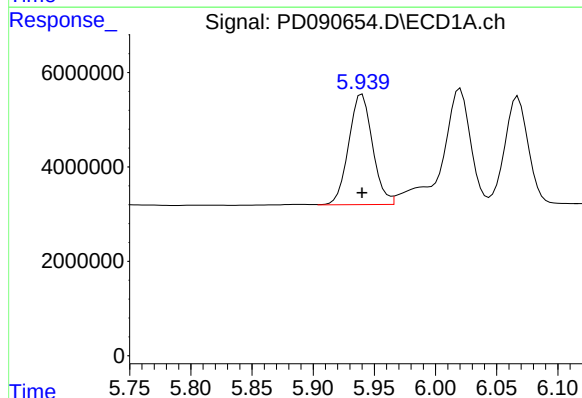
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



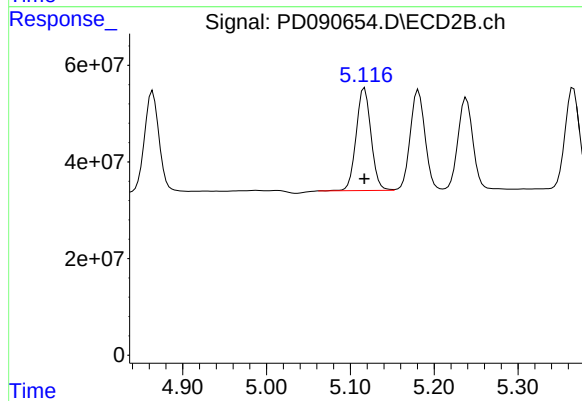
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 234861846
Conc: 5.96 ng/ml



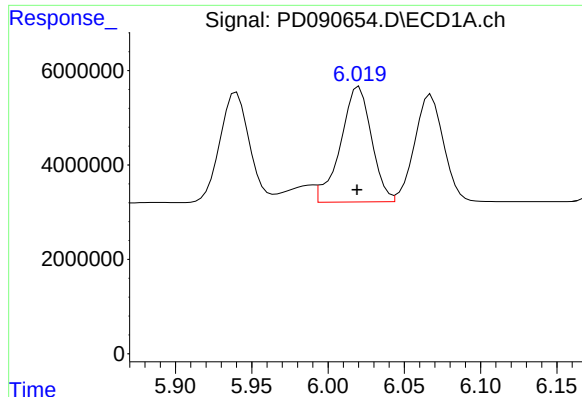
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 31705442
Conc: 5.35 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 261533283
Conc: 5.82 ng/ml



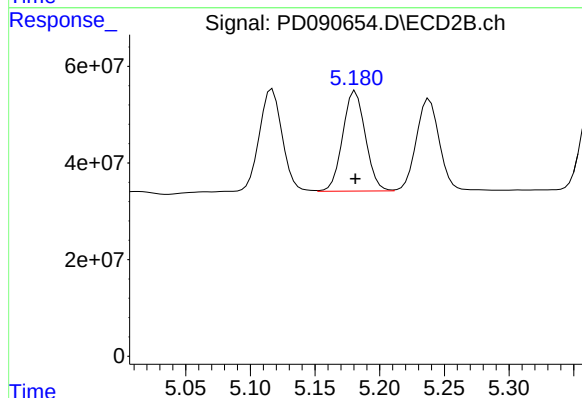
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 34603140
Conc: 5.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

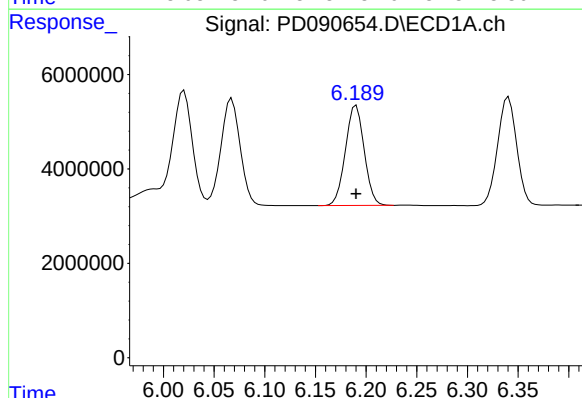
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



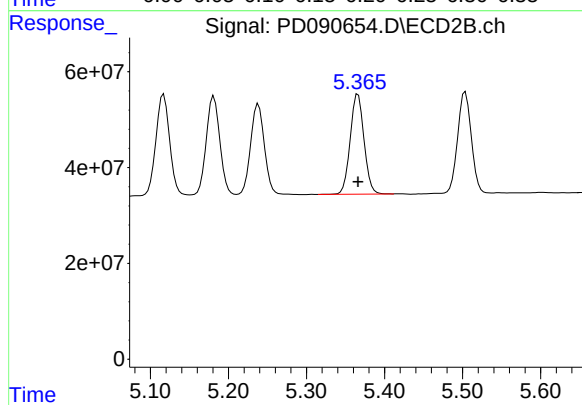
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 252662629
Conc: 5.86 ng/ml



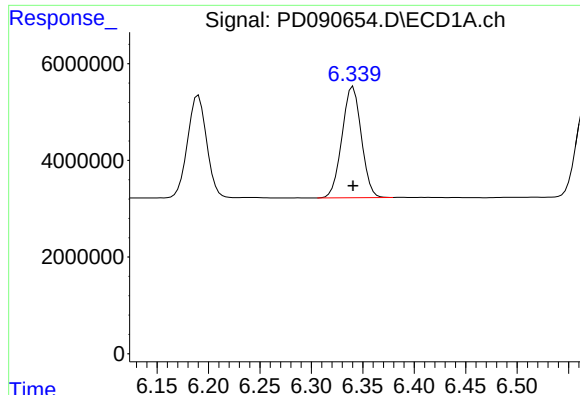
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 27280775
Conc: 5.12 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 256868291
Conc: 5.86 ng/ml



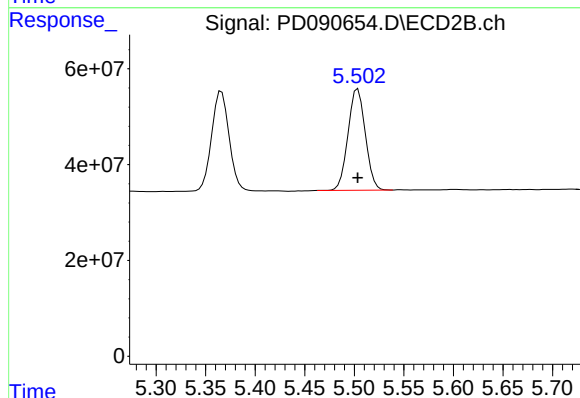
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 30082015
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

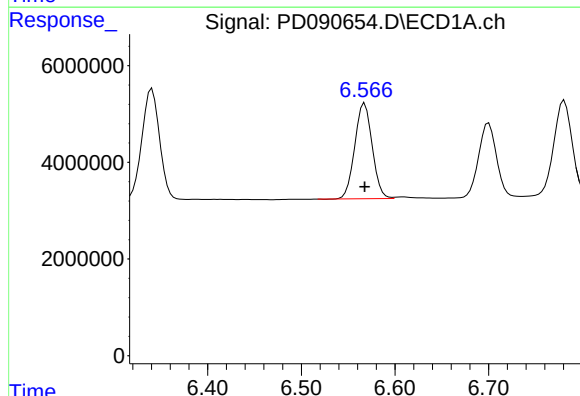
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



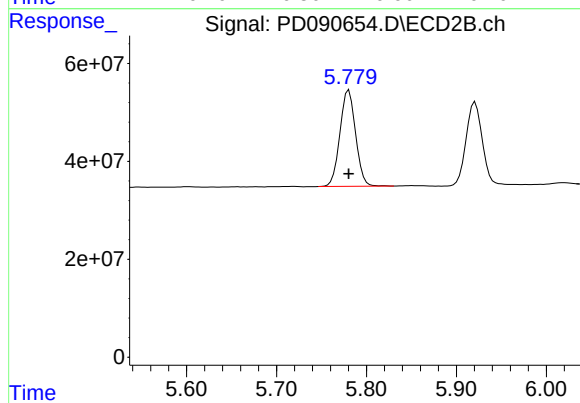
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 257969409
Conc: 5.84 ng/ml



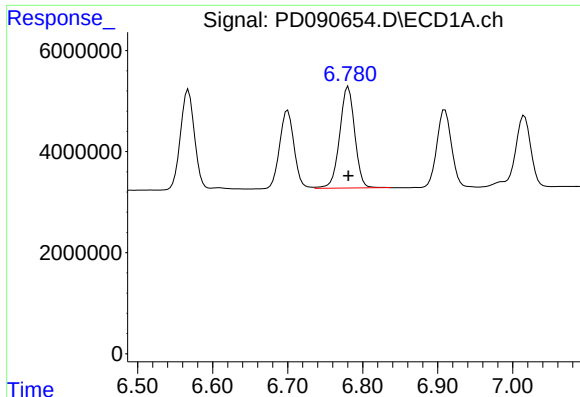
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 25601278
Conc: 5.17 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 238232371
Conc: 5.88 ng/ml



#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 28078989
Conc: 5.62 ng/ml

Instrument :

ECD_D

ClientSampleId :

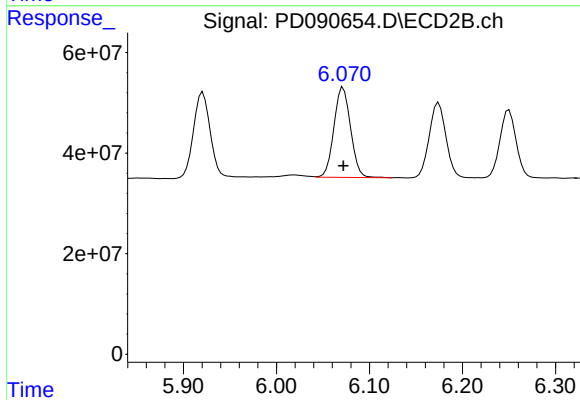
PSTDICC005

Manual Integrations

APPROVED

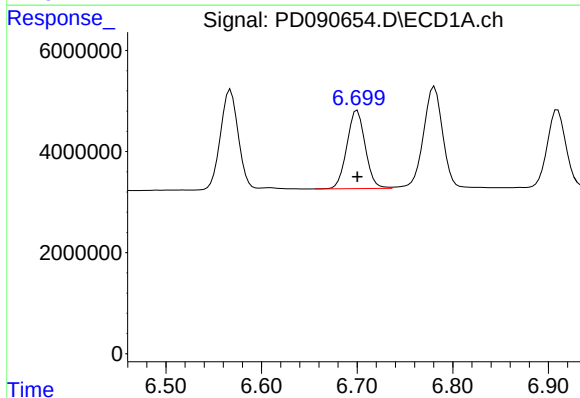
Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025



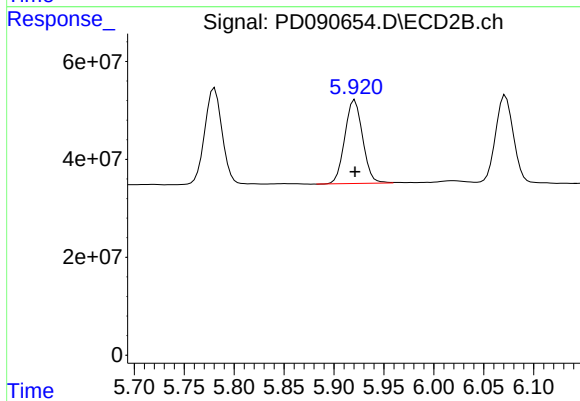
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 222935892
Conc: 5.94 ng/ml



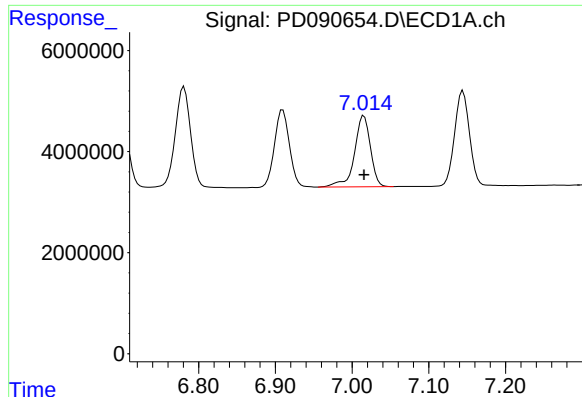
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 20742842
Conc: 5.12 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 211866590
Conc: 5.81 ng/ml



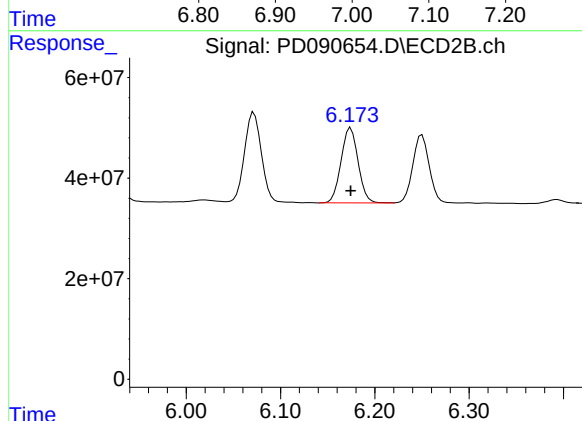
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 20485670
Conc: 4.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

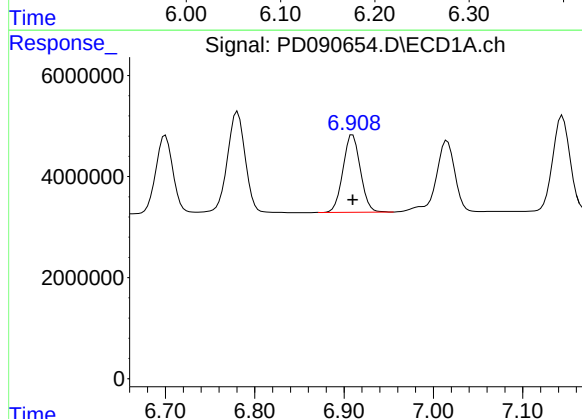
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



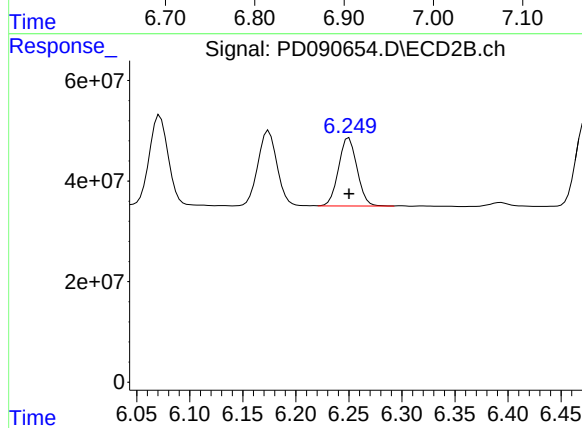
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 188338004
Conc: 5.37 ng/ml



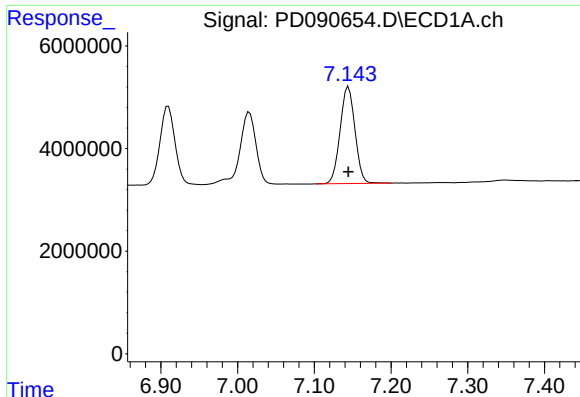
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 20741409
Conc: 5.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 164766045
Conc: 5.95 ng/ml



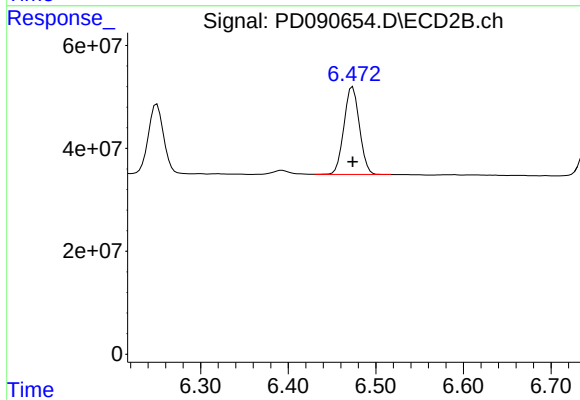
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 25464611
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

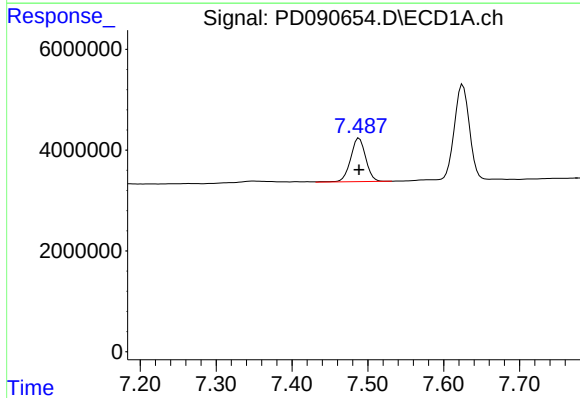
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



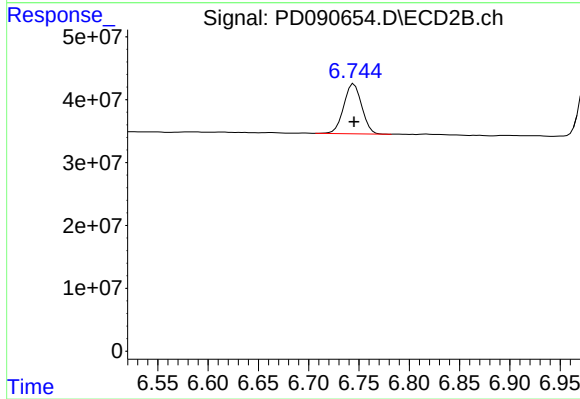
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 209504586
Conc: 5.84 ng/ml



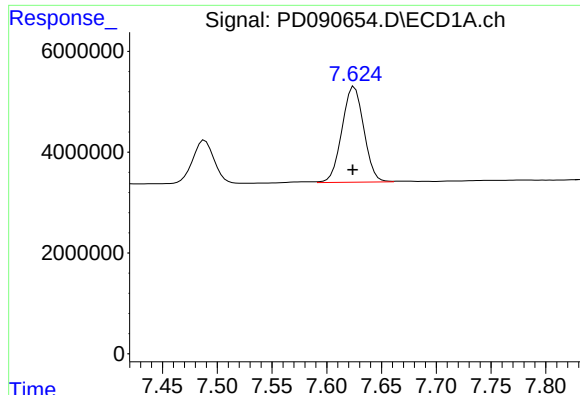
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 11946535
Conc: 5.62 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 98858490
Conc: 5.67 ng/ml



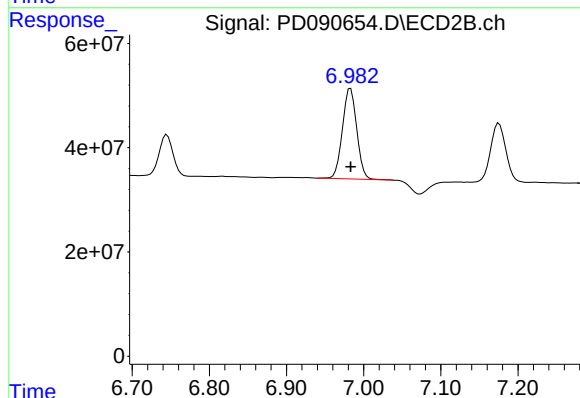
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 26302012
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

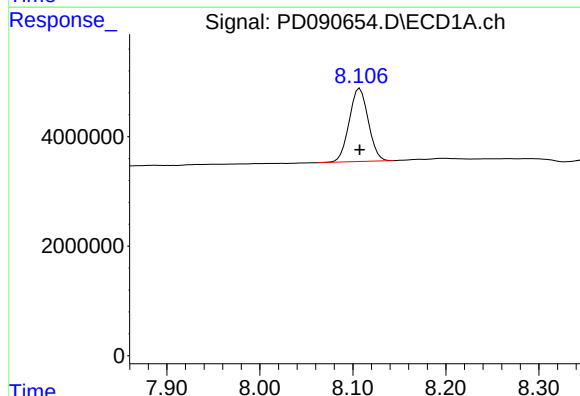
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



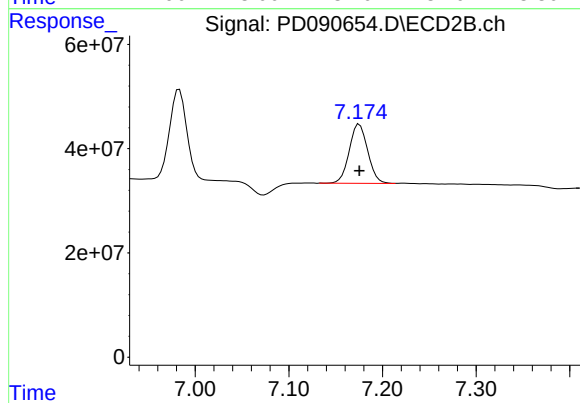
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 223704577
Conc: 5.93 ng/ml



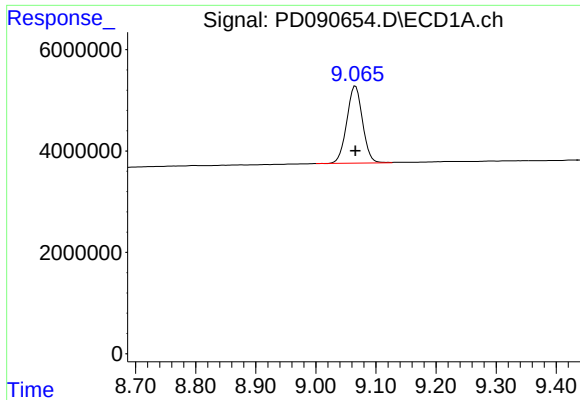
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 19009608
Conc: 5.94 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 155640388
Conc: 6.06 ng/ml



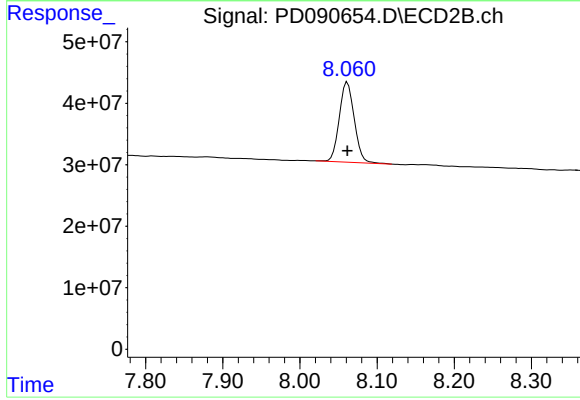
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 27500355
Conc: 5.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 174937832
Conc: 5.78 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
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: Oct 17 13:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:48:57 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	108.8E6	1215.0E6	50.000	50.000
28)	SA Decachlor...	9.066	8.062	167.8E6	1105.6E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.708	3.898	92608674	605.2E6	500.000	500.000
24)	Chlordane-2	5.235	4.479	92865500	631.9E6	500.000	500.000
25)	Chlordane-3	5.941	5.117	379.1E6	1885.9E6	500.000	500.000
26)	Chlordane-4	6.026	5.181	458.8E6	1625.9E6	500.000	500.000
27)	Chlordane-5	6.865	6.081	74238996	730.3E6	500.000	500.000

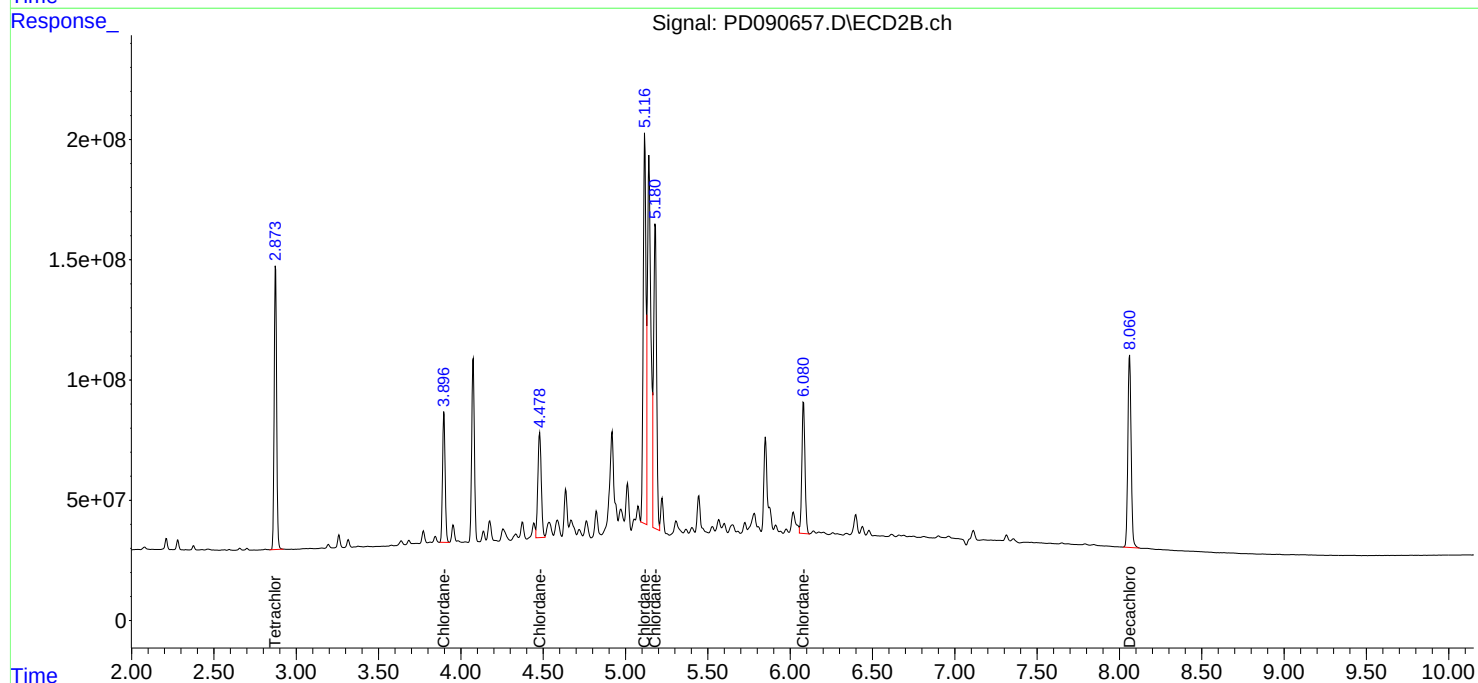
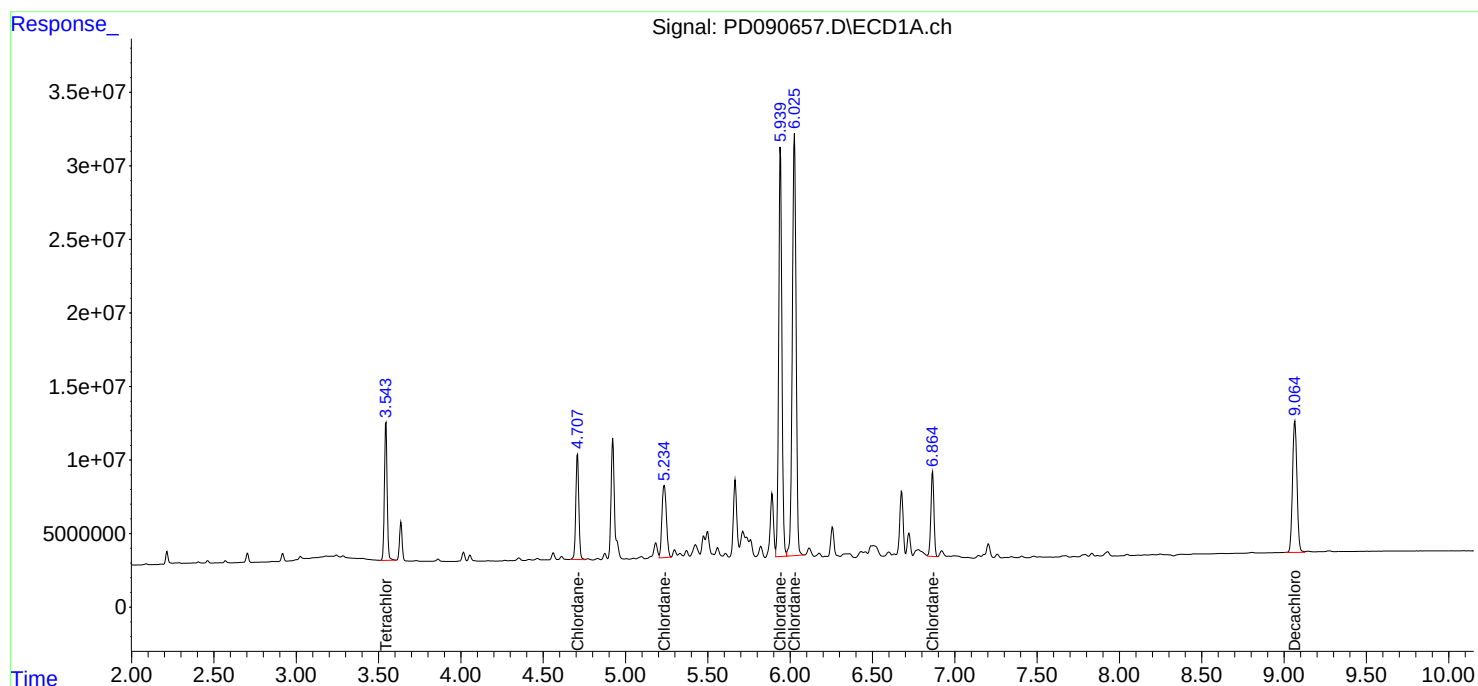
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

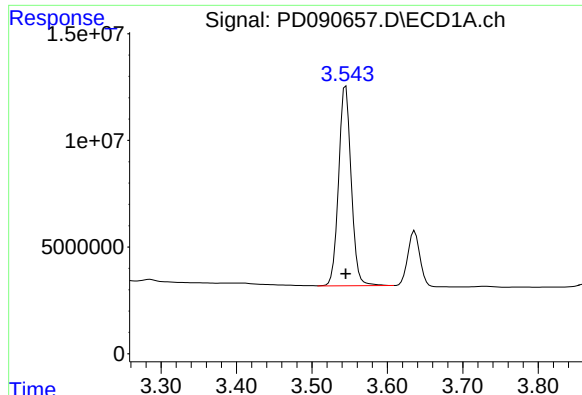
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:48:57 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

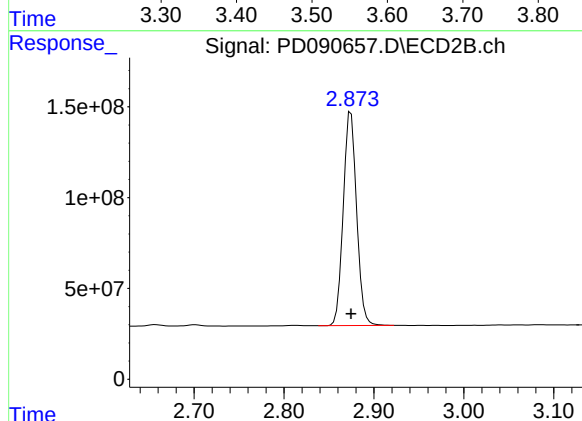




#1 Tetrachloro-m-xylene

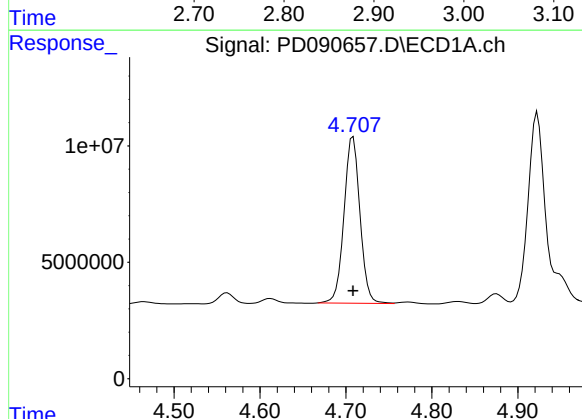
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 108758097
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



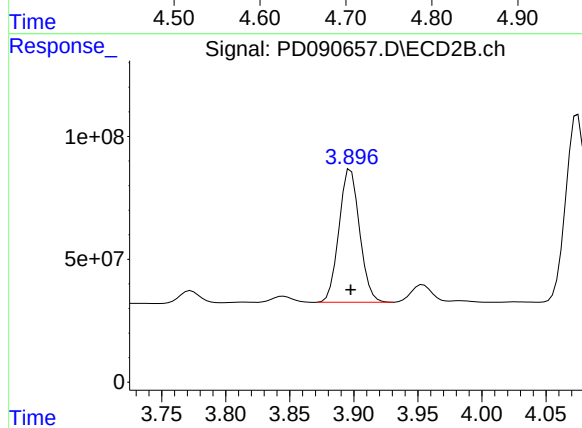
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1214996007
Conc: 50.00 ng/ml



#23 Chlordane-1

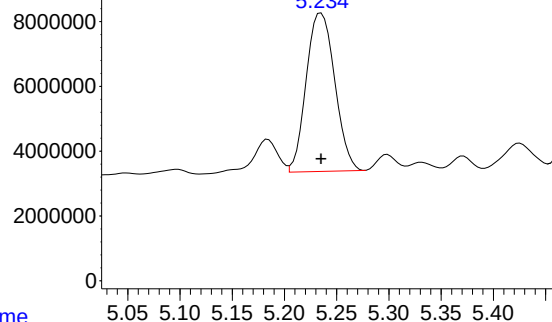
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 92608674
Conc: 500.00 ng/ml



#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 605185458
Conc: 500.00 ng/ml

Response_ Signal: PD090657.D\ECD1A.ch

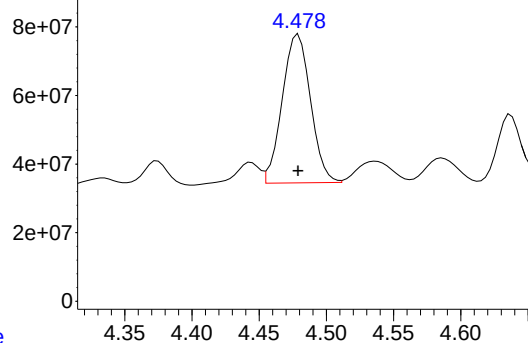


#24 Chlordane-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 92865500
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

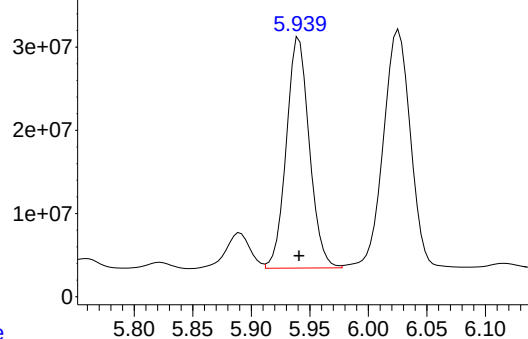
Time Response_ Signal: PD090657.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 631892083
Conc: 500.00 ng/ml

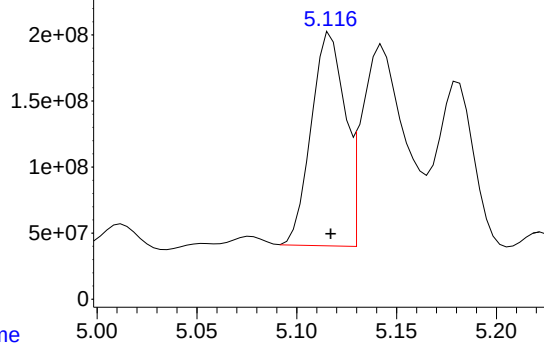
Time Response_ Signal: PD090657.D\ECD1A.ch



#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 379095261
Conc: 500.00 ng/ml

Time Response_ Signal: PD090657.D\ECD2B.ch



#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 1885915535
Conc: 500.00 ng/ml

Response_ Signal: PD090657.D\ECD1A.ch

#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 458791566
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Time

Response_ Signal: PD090657.D\ECD2B.ch

#26 Chlordane-4

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1625937453
Conc: 500.00 ng/ml

Time

Response_ Signal: PD090657.D\ECD1A.ch

#27 Chlordane-5

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 74238996
Conc: 500.00 ng/ml

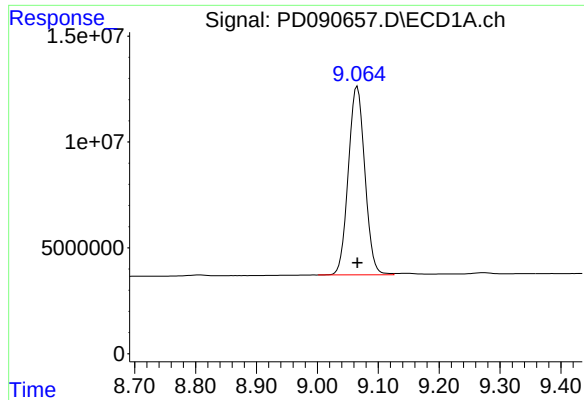
Time

Response_ Signal: PD090657.D\ECD2B.ch

#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 730253582
Conc: 500.00 ng/ml

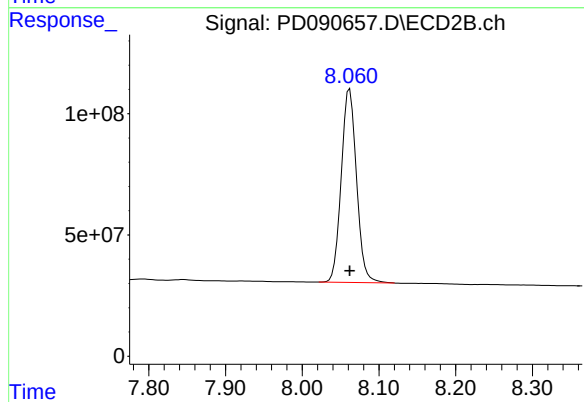
Time



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 167755700
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 1105630741
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 14:17
 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: Oct 17 14:36:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:35:49 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...	3.545	2.875	149.0E6	1451.5E6	50.000	50.000
7) SA Decachlor...	9.066	8.062	225.6E6	1489.1E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.236	5.466	16282219	131.9E6	500.000	500.000
3) Toxaphene-2	6.436	5.638	24310877	88280081	500.000	500.000
4) Toxaphene-3	7.143	6.745	42855293	329.4E6	500.000	500.000
5) Toxaphene-4	7.558	7.189	47868684	247.6E6	500.000	500.000
6) Toxaphene-5	7.923	7.320	30240231	123.0E6	500.000	500.000

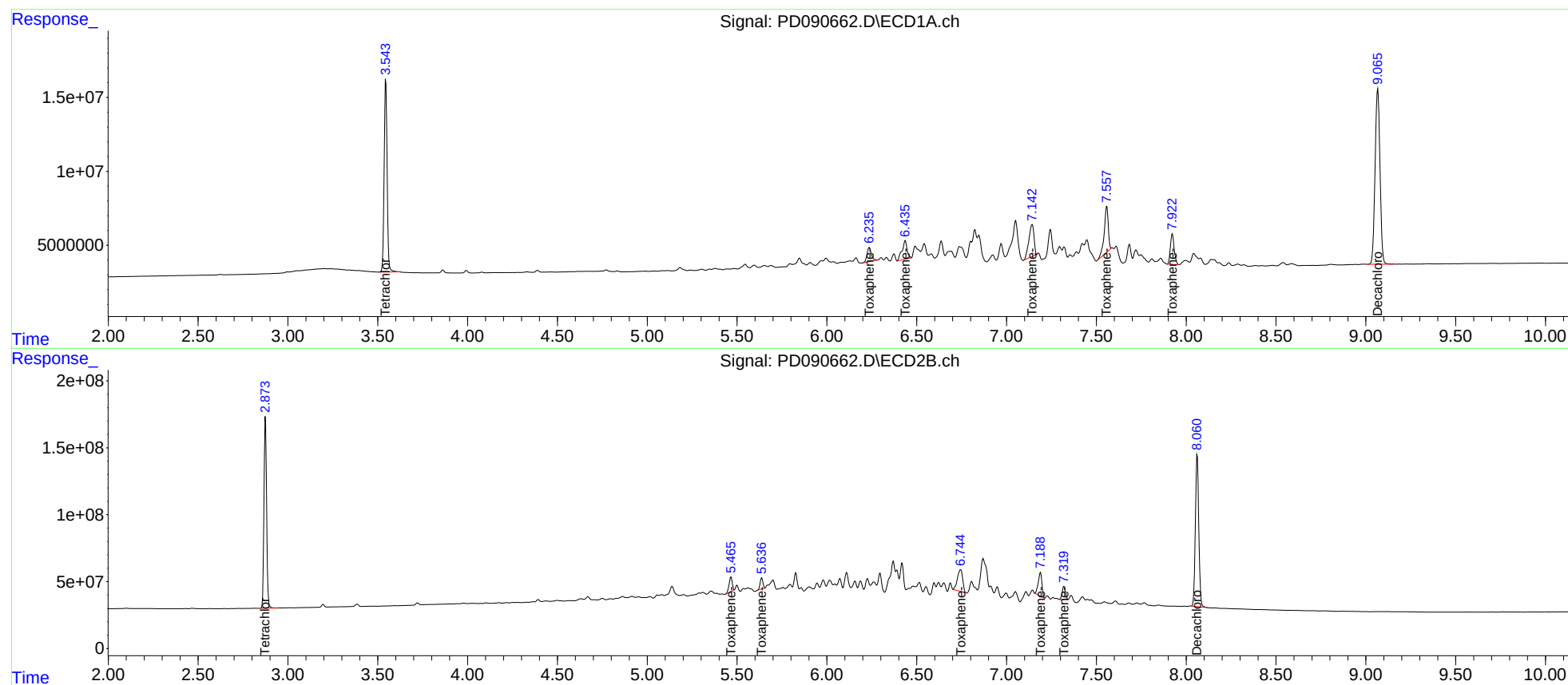
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 14:17
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

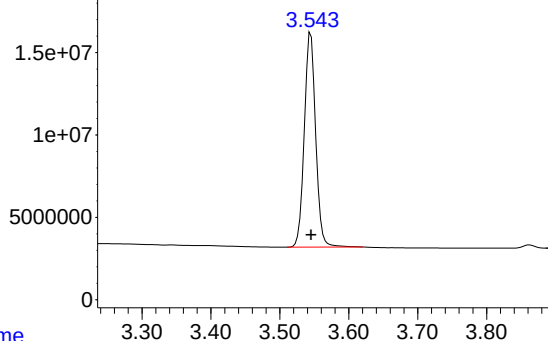
Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:36:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:35:49 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



Response_ Signal: PD090662.D\ECD1A.ch

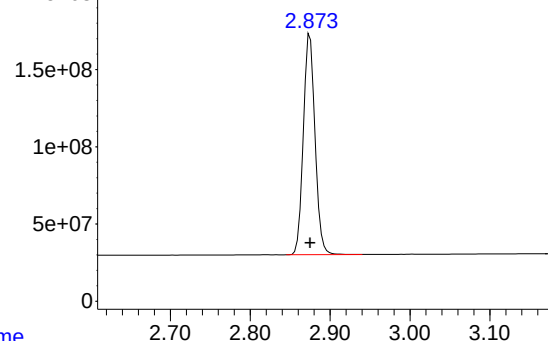


#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 149025126
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

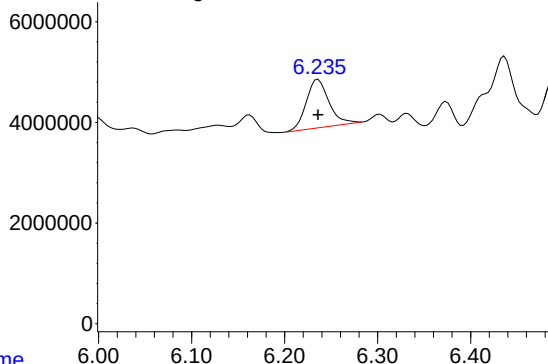
Time Response_ Signal: PD090662.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1451452961
Conc: 50.00 ng/ml

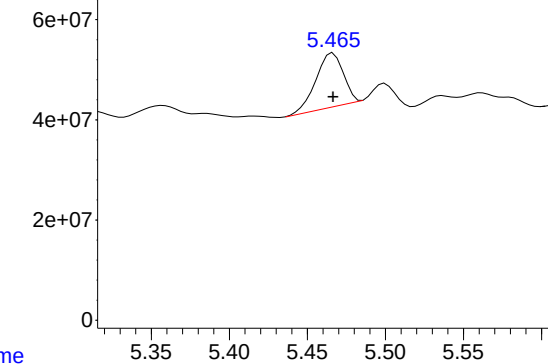
Time Response_ Signal: PD090662.D\ECD1A.ch



#2 Toxaphene-1

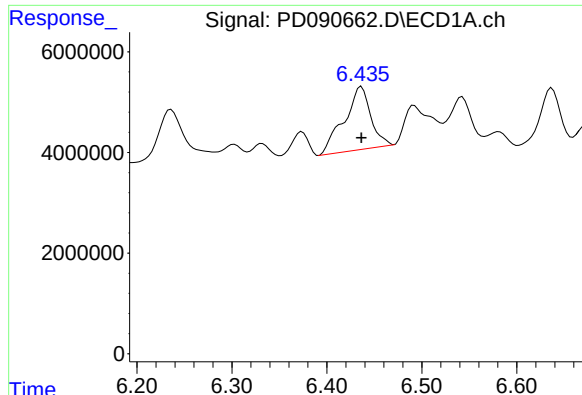
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 16282219
Conc: 500.00 ng/ml

Time Response_ Signal: PD090662.D\ECD2B.ch



#2 Toxaphene-1

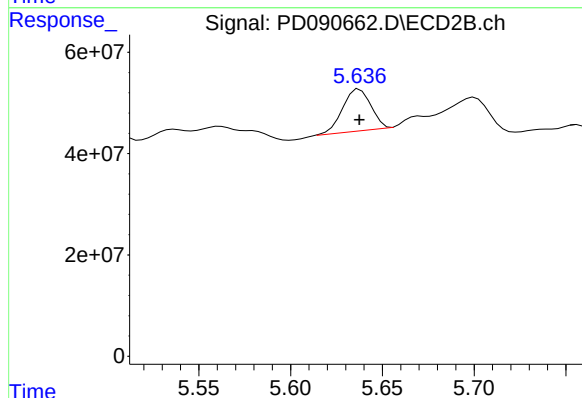
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 131850816
Conc: 500.00 ng/ml



#3 Toxaphene-2

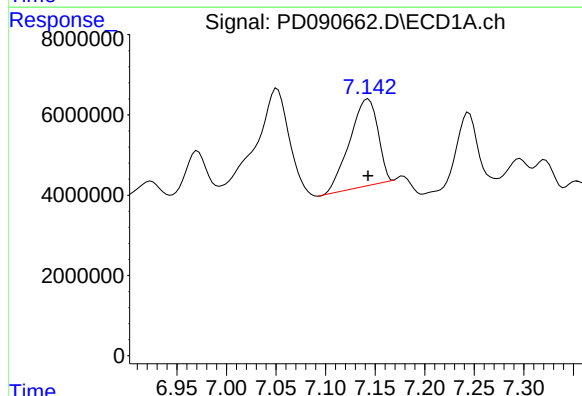
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 24310877
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



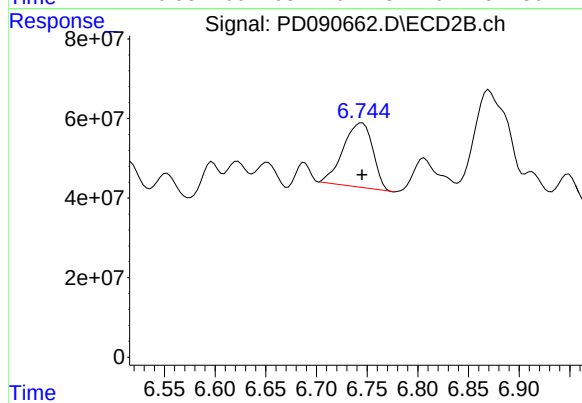
#3 Toxaphene-2

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 88280081
Conc: 500.00 ng/ml



#4 Toxaphene-3

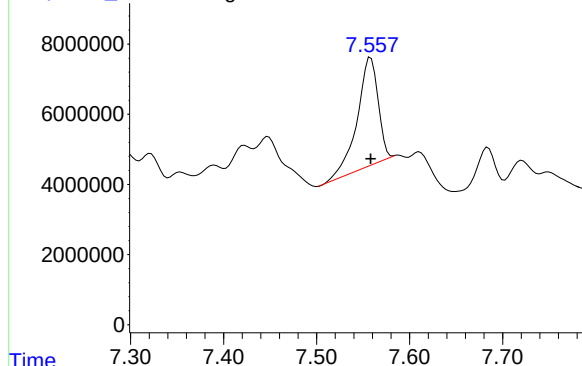
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 42855293
Conc: 500.00 ng/ml



#4 Toxaphene-3

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 329441315
Conc: 500.00 ng/ml

Response_ Signal: PD090662.D\ECD1A.ch

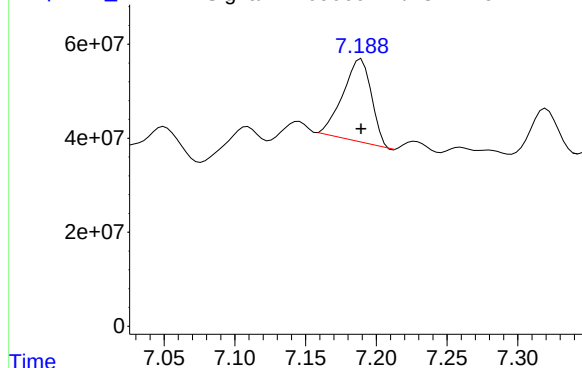


#5 Toxaphene-4

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 47868684
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

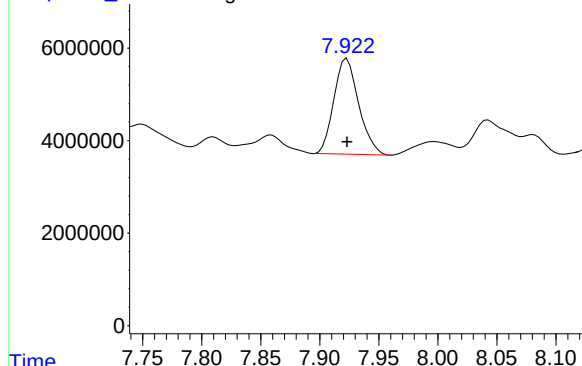
Time Response_ Signal: PD090662.D\ECD2B.ch



#5 Toxaphene-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 247552187
Conc: 500.00 ng/ml

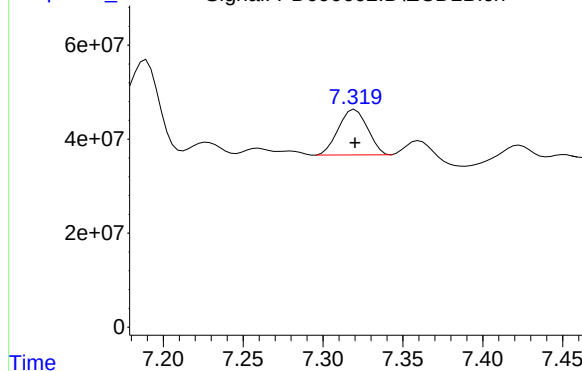
Time Response_ Signal: PD090662.D\ECD1A.ch



#6 Toxaphene-5

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 30240231
Conc: 500.00 ng/ml

Time Response_ Signal: PD090662.D\ECD2B.ch



#6 Toxaphene-5

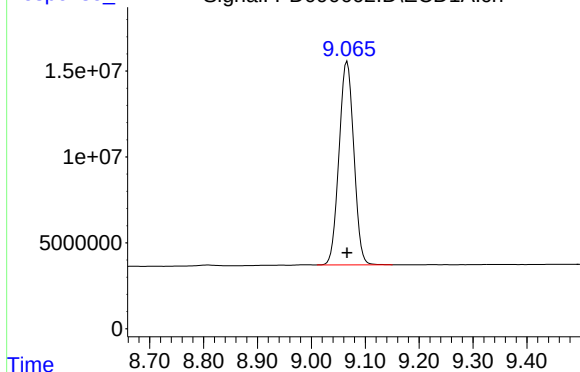
R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 123016477
Conc: 500.00 ng/ml

Response_

Signal: PD090662.D\ECD1A.ch

#7 Decachlorobiphenyl

ICAL Form



R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 225576698
Conc: 50.00 ng/ml

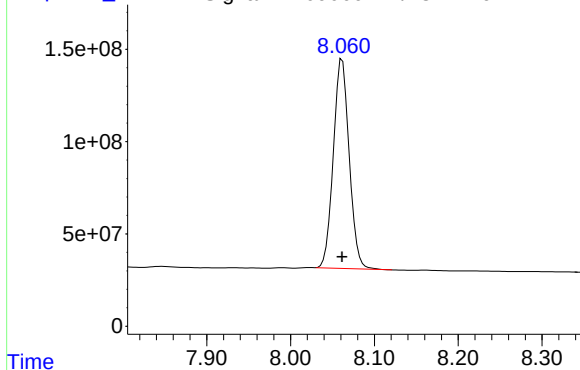
Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Time

Response_

Signal: PD090662.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 1489074983
Conc: 50.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 16:46
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 17:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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...	3.544	2.874	153.7E6	1464.9E6	49.347	49.195
28)	SA Decachlor...	9.065	8.062	232.3E6	1556.2E6	49.651	51.373
Target Compounds							
2)	A alpha-BHC	3.993	3.386	368.9E6	2547.7E6	51.395	49.860
3)	MA gamma-BHC...	4.325	3.722	346.1E6	2351.4E6	50.913	49.766
4)	MA Heptachlor	4.923	4.074	269.7E6	2210.7E6	48.243	49.564
5)	MB Aldrin	5.264	4.360	332.4E6	2302.8E6	50.770	49.716
6)	B beta-BHC	4.512	4.018	128.8E6	974.3E6	49.166	49.134
7)	B delta-BHC	4.760	4.255	343.7E6	2372.2E6	50.832	49.714
8)	B Heptachlo...	5.684	4.864	292.1E6	2073.7E6	50.455	48.633
9)	A Endosulfan I	6.068	5.238	276.7E6	1960.5E6	49.982	49.772
10)	B gamma-Chl...	5.940	5.117	297.4E6	2236.0E6	50.146	49.745
11)	B alpha-Chl...	6.020	5.181	299.6E6	2144.4E6	48.473	49.711
12)	B 4,4'-DDE	6.190	5.366	269.1E6	2179.5E6	50.526	49.716
13)	MA Dieldrin	6.341	5.503	295.7E6	2209.3E6	50.705	50.003
14)	MA Endrin	6.568	5.780	251.8E6	2041.8E6	50.824	50.421
15)	B Endosulfa...	6.781	6.072	251.4E6	1876.1E6	50.275	49.956
16)	A 4,4'-DDD	6.701	5.920	206.7E6	1821.0E6	50.990	49.977
17)	MA 4,4'-DDT	7.016	6.174	206.8E6	1798.7E6	50.320	51.285
18)	B Endrin al...	6.910	6.250	184.2E6	1401.3E6	50.283	50.600
19)	B Endosulfa...	7.144	6.474	231.2E6	1809.0E6	49.837	50.467
20)	A Methoxychlor	7.489	6.745	104.2E6	890.1E6	48.999	51.076
21)	B Endrin ke...	7.625	6.983	242.9E6	1911.1E6	49.982	50.668
22)	Mirex	8.108	7.176	158.1E6	1294.5E6	49.394	50.389

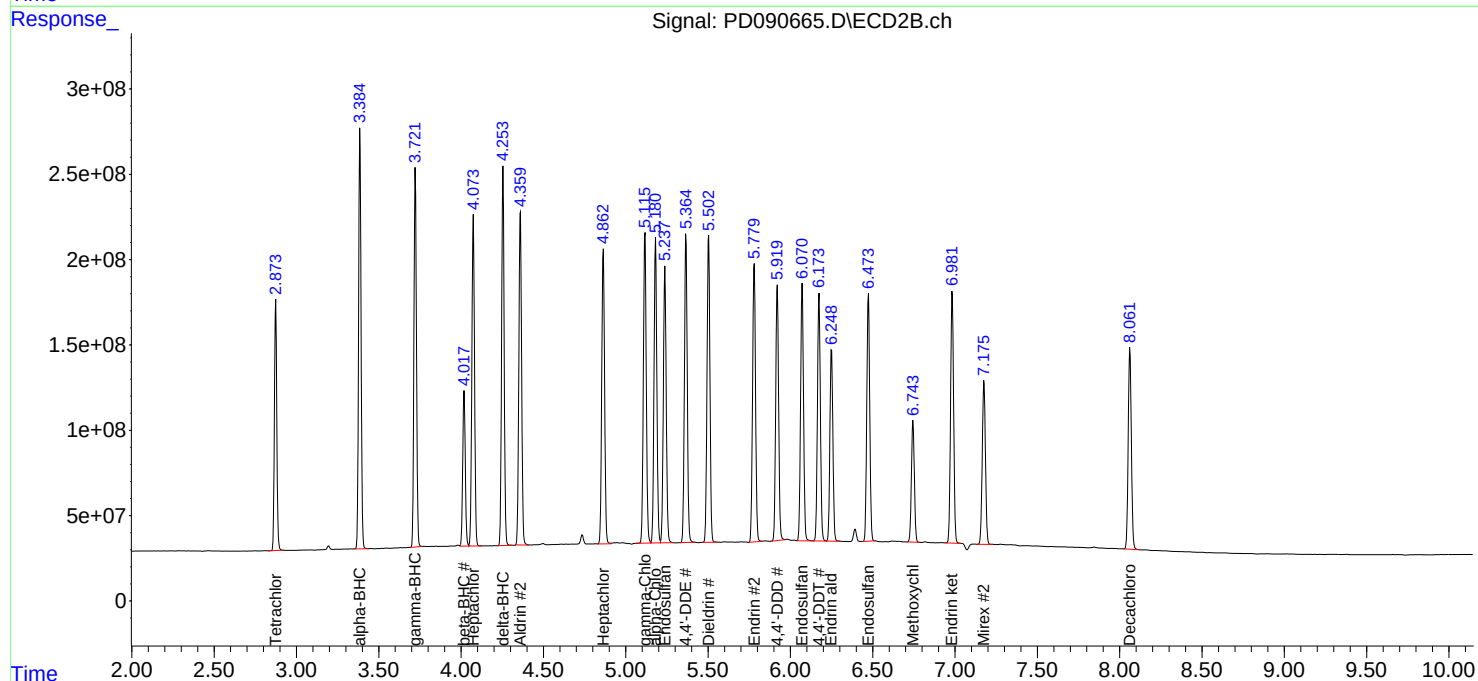
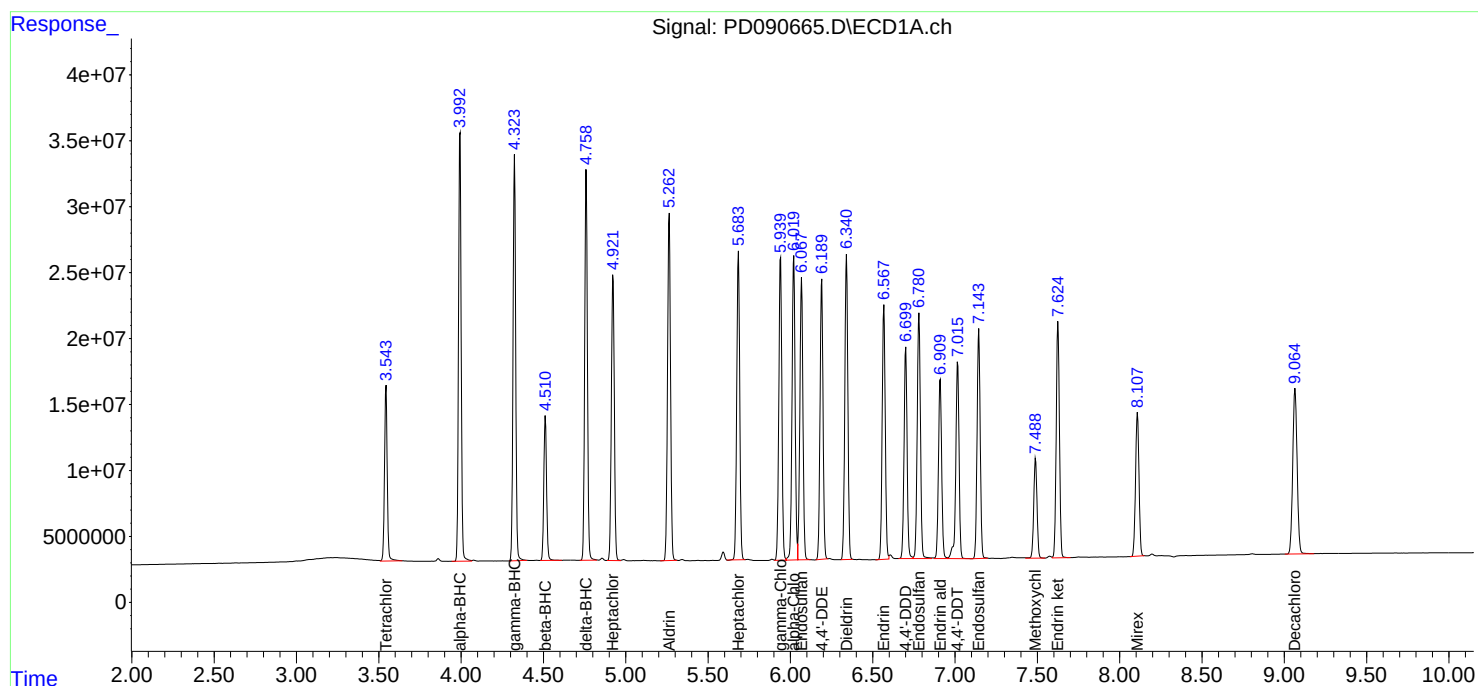
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 16:46
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

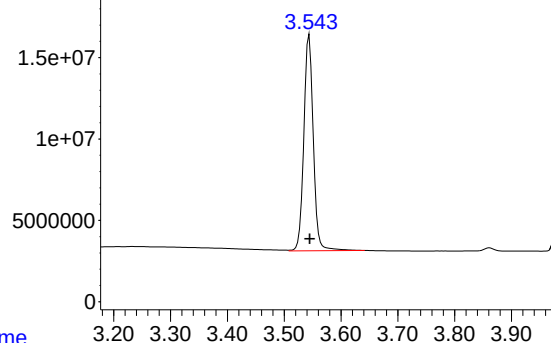
Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 17:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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



Response_ Signal: PD090665.D\ECD1A.ch

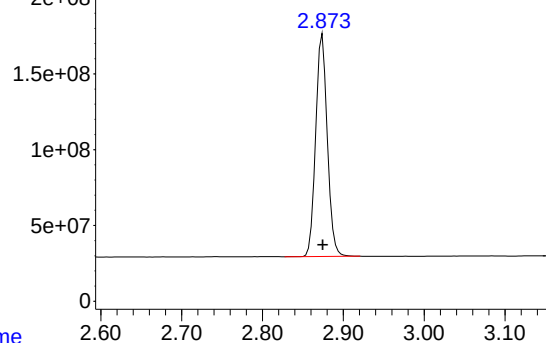


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 153674114
Conc: 49.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

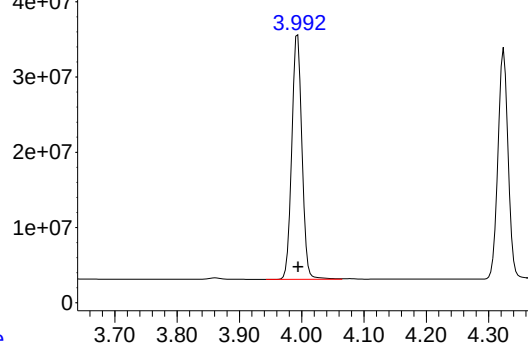
Time Response_ Signal: PD090665.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1464875316
Conc: 49.19 ng/ml

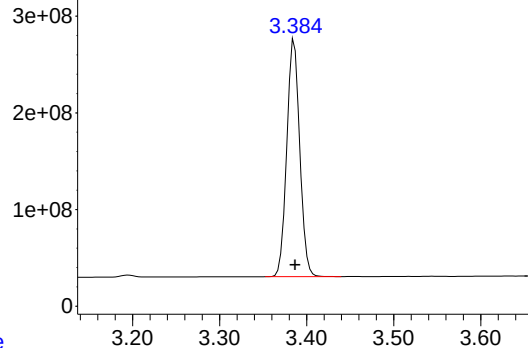
Time Response_ Signal: PD090665.D\ECD1A.ch



#2 alpha-BHC

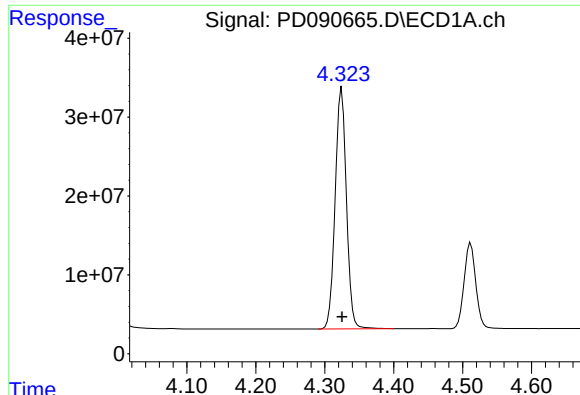
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 368866522
Conc: 51.39 ng/ml

Time Response_ Signal: PD090665.D\ECD2B.ch



#2 alpha-BHC

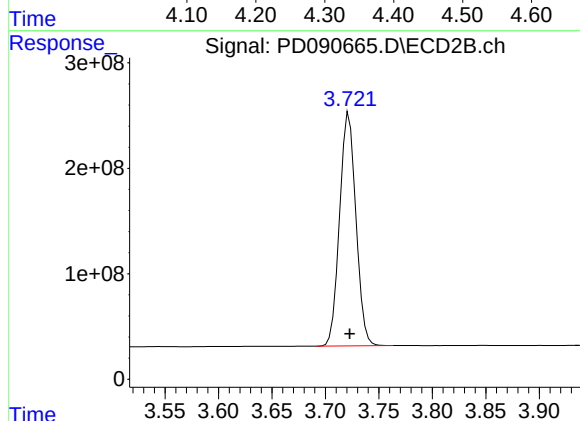
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2547652740
Conc: 49.86 ng/ml



#3 gamma-BHC (Lindane)

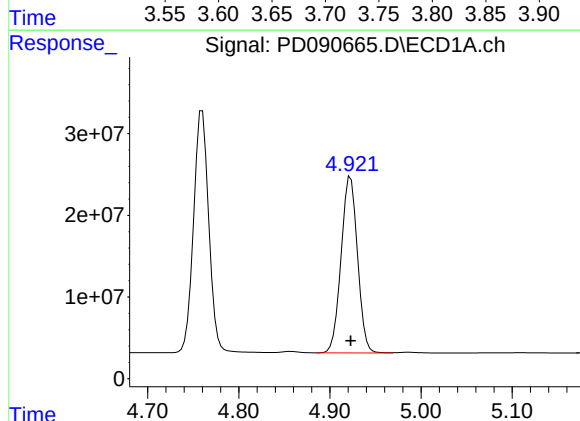
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 346148511
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



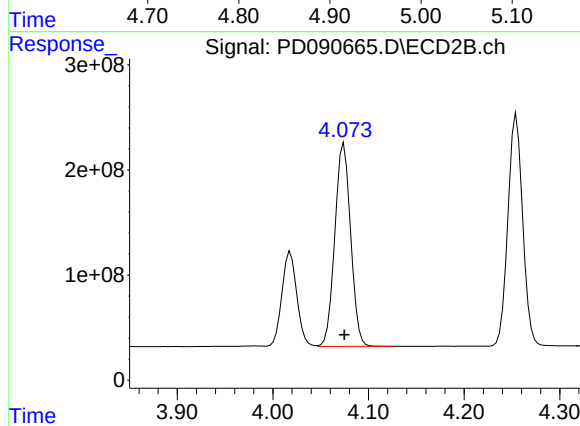
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2351401356
Conc: 49.77 ng/ml



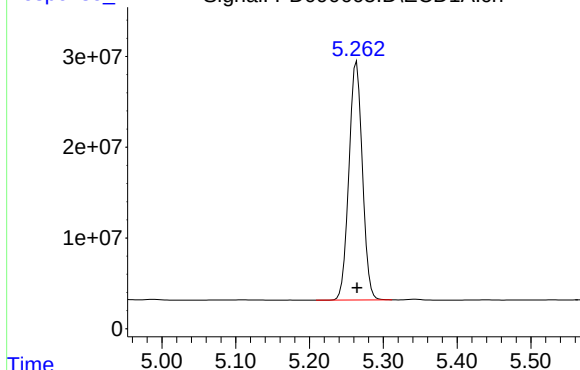
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 269655012
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2210699675
Conc: 49.56 ng/ml



R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 332404308
Conc: 50.77 ng/ml

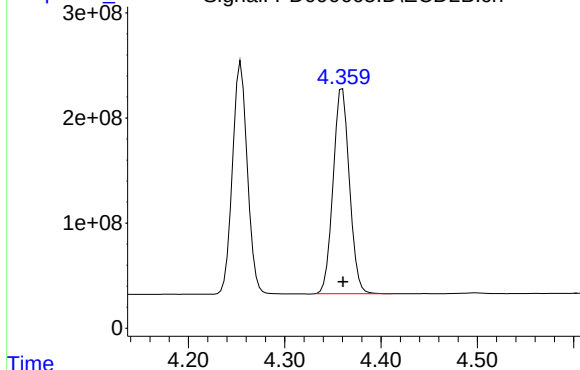
Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Time

Response

Signal: PD090665.D\ECD2B.ch

#5 Aldrin



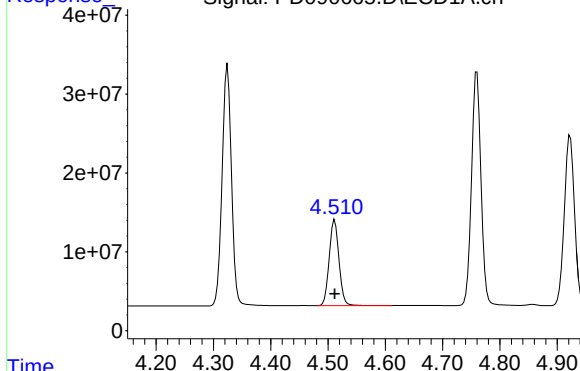
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2302805919
Conc: 49.72 ng/ml

Time

Response

Signal: PD090665.D\ECD1A.ch

#6 beta-BHC



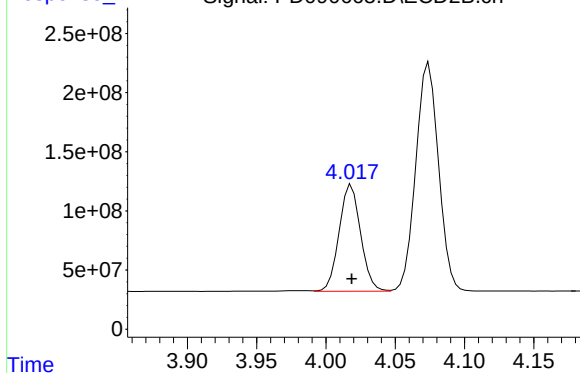
R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 128796459
Conc: 49.17 ng/ml

Time

Response

Signal: PD090665.D\ECD2B.ch

#6 beta-BHC



R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 974305644
Conc: 49.13 ng/ml

Time

Response_ Signal: PD090665.D\ECD1A.ch

#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 343712775
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Time

Response_ Signal: PD090665.D\ECD2B.ch

#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2372178334
Conc: 49.71 ng/ml

Time

Response_ Signal: PD090665.D\ECD1A.ch

#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 292086915
Conc: 50.45 ng/ml

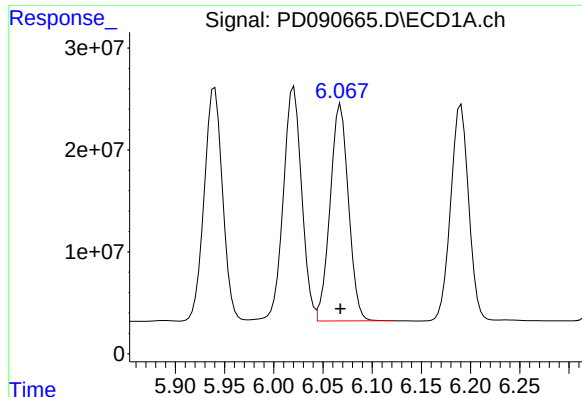
Time

Response_ Signal: PD090665.D\ECD2B.ch

#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2073663307
Conc: 48.63 ng/ml

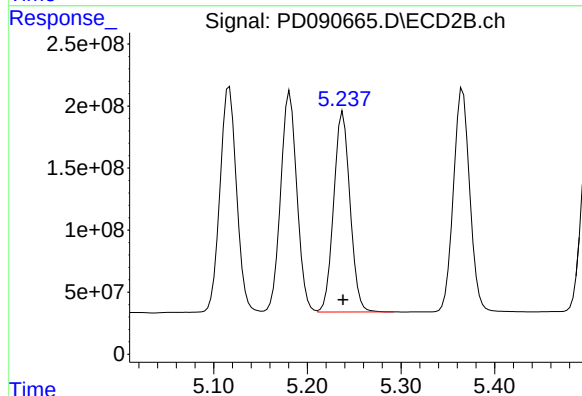
Time



#9 Endosulfan I

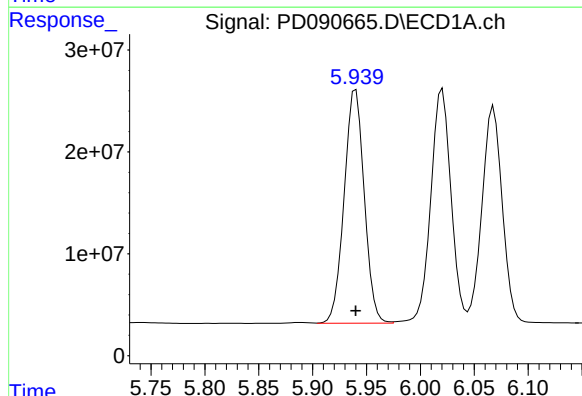
R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 276731064
Conc: 49.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



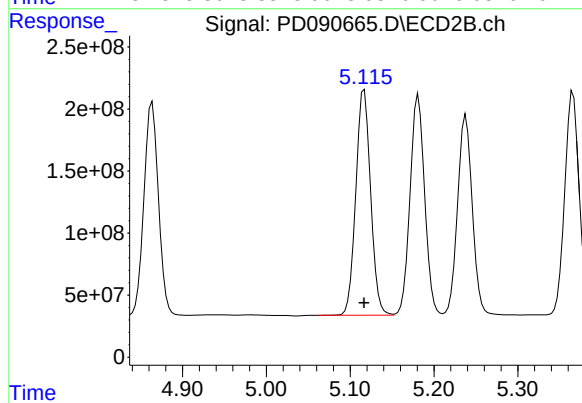
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1960516174
Conc: 49.77 ng/ml



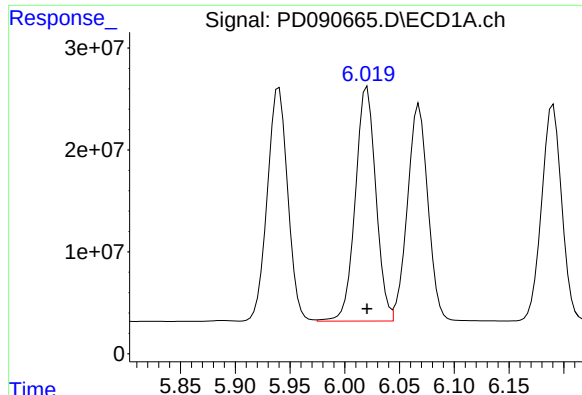
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 297423108
Conc: 50.15 ng/ml



#10 gamma-Chlordane

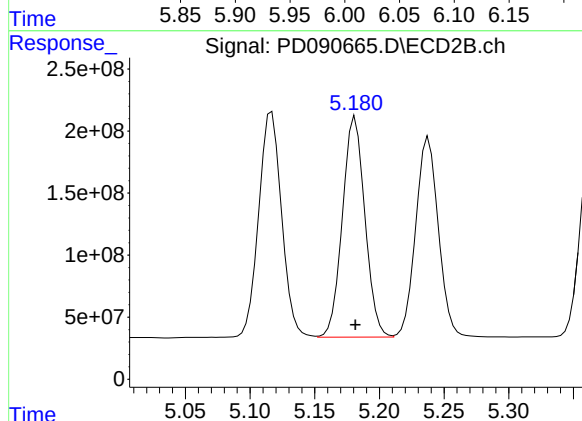
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 2235964406
Conc: 49.74 ng/ml



#11 alpha-Chlordane

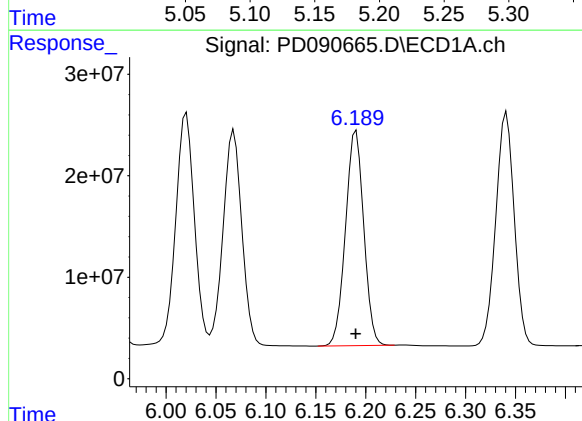
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 299573543
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



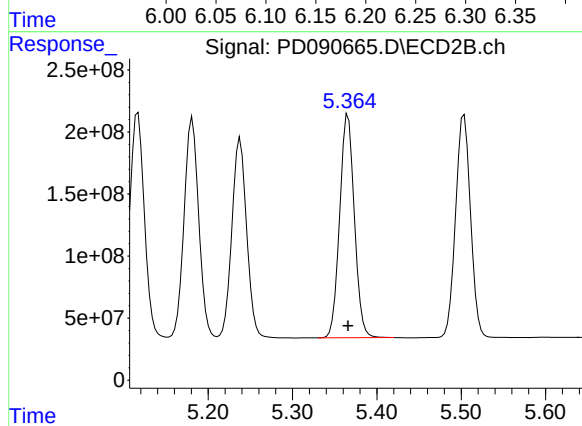
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2144431564
Conc: 49.71 ng/ml



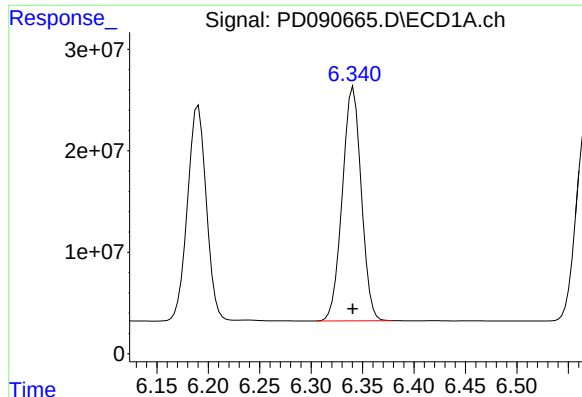
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 269131461
Conc: 50.53 ng/ml



#12 4,4'-DDE

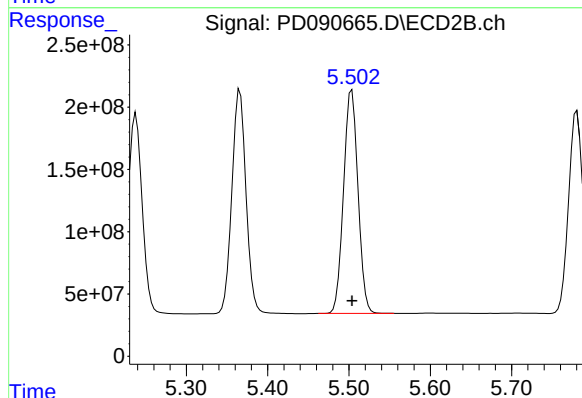
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2179474893
Conc: 49.72 ng/ml



#13 Dieldrin

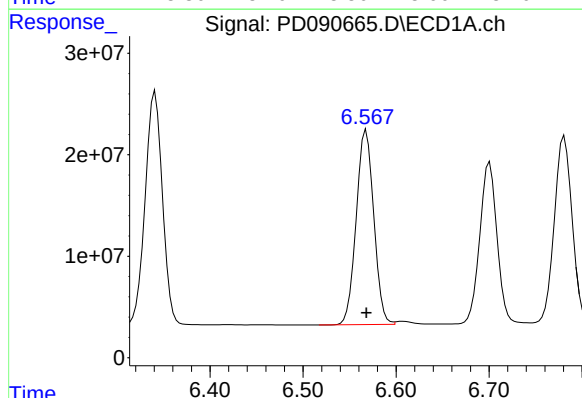
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 295678653
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



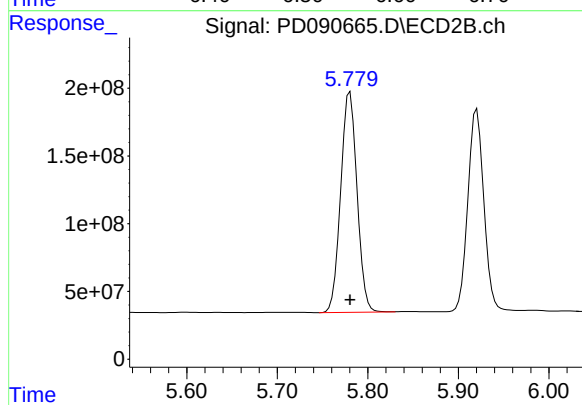
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 2209322407
Conc: 50.00 ng/ml



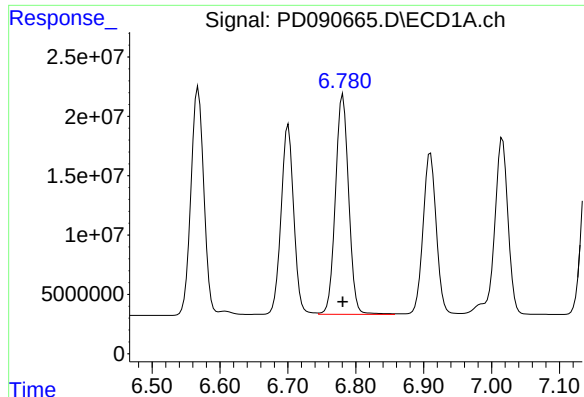
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 251765100
Conc: 50.82 ng/ml



#14 Endrin

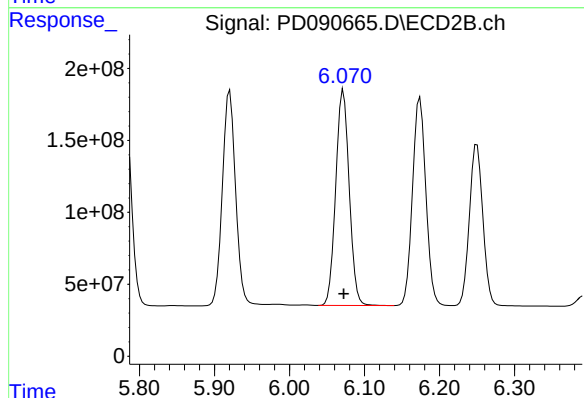
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2041761986
Conc: 50.42 ng/ml



#15 Endosulfan II

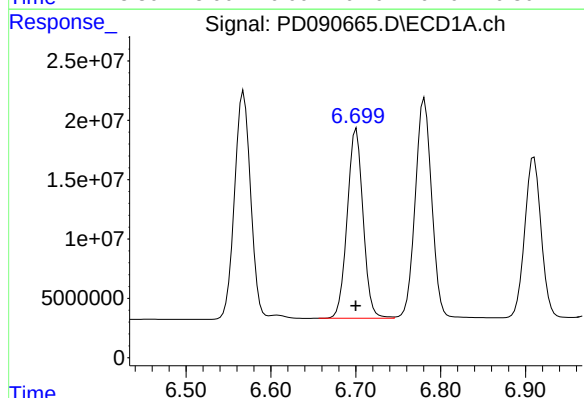
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 251374054
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



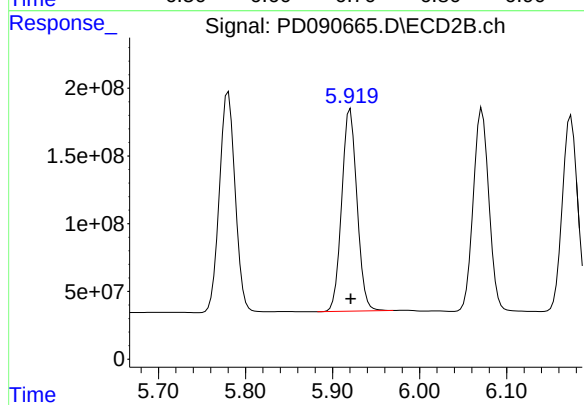
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1876116999
Conc: 49.96 ng/ml



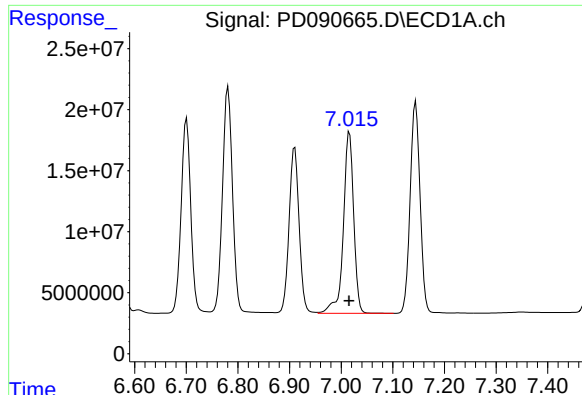
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 206725943
Conc: 50.99 ng/ml



#16 4,4'-DDD

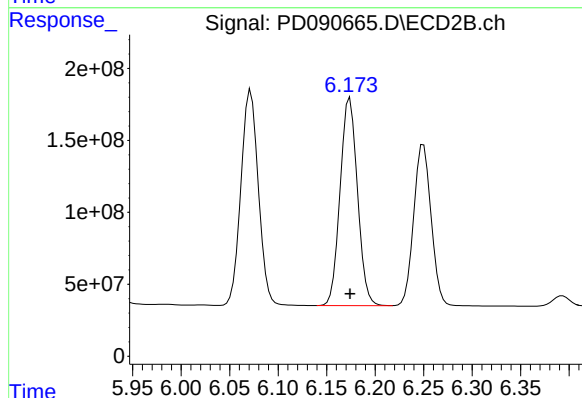
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1821049286
Conc: 49.98 ng/ml



#17 4,4'-DDT

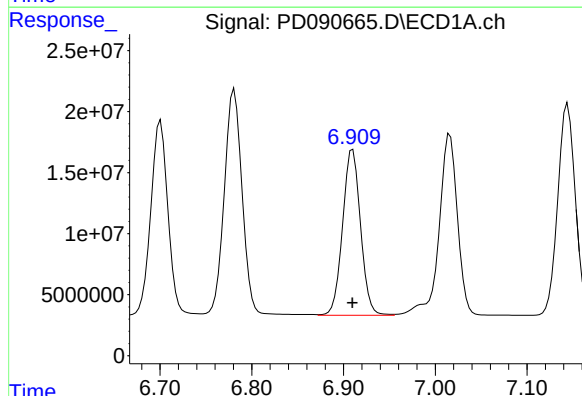
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 206839113
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



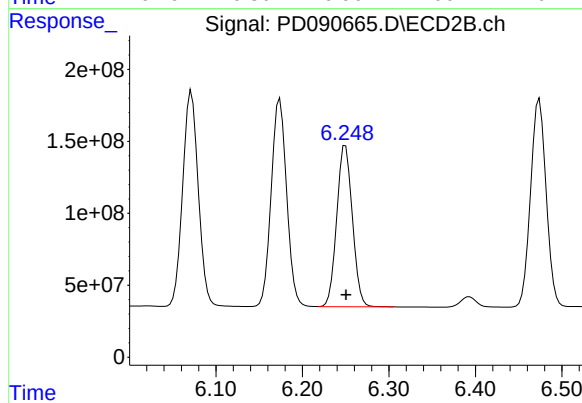
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1798730996
Conc: 51.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 184171641
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1401255725
Conc: 50.60 ng/ml

Response_ Signal: PD090665.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 231154352
Conc: 49.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Time

Response_ Signal: PD090665.D\ECD2B.ch

#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1808994693
Conc: 50.47 ng/ml

Time

Response_ Signal: PD090665.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 104150715
Conc: 49.00 ng/ml

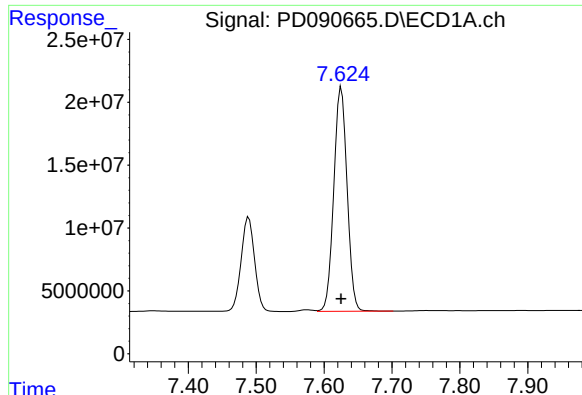
Time

Response_ Signal: PD090665.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 890144630
Conc: 51.08 ng/ml

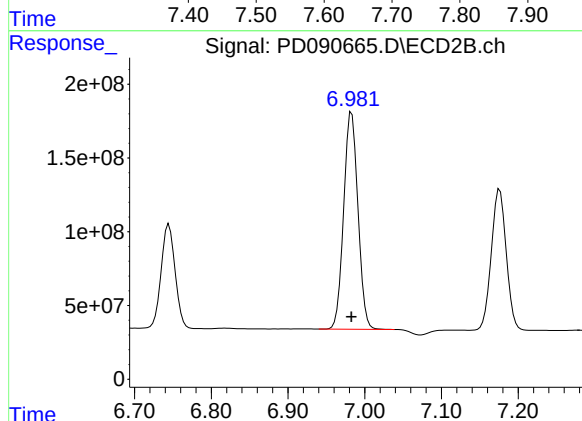
Time



#21 Endrin ketone

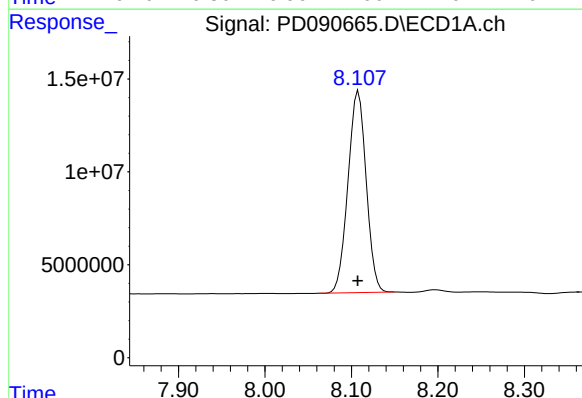
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 242853020
Conc: 49.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



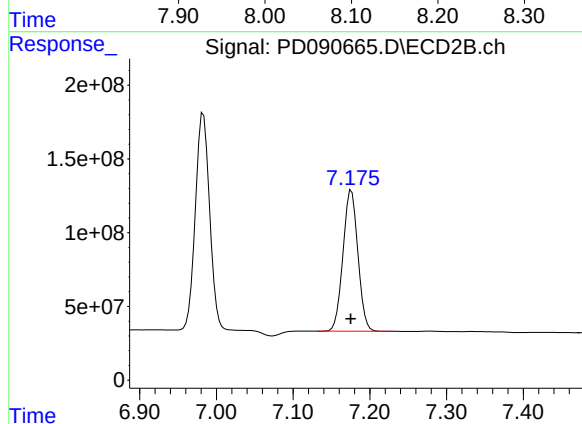
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1911076638
Conc: 50.67 ng/ml



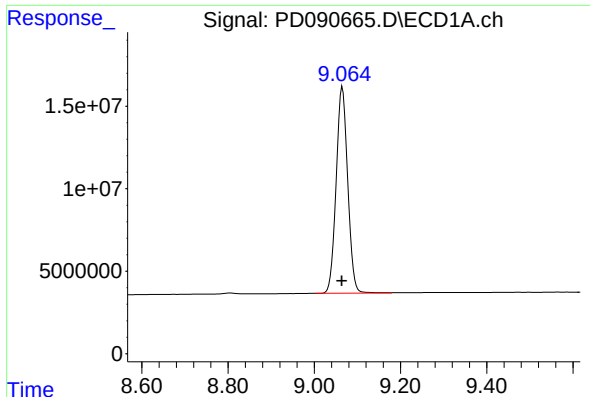
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 158102045
Conc: 49.39 ng/ml



#22 Mirex

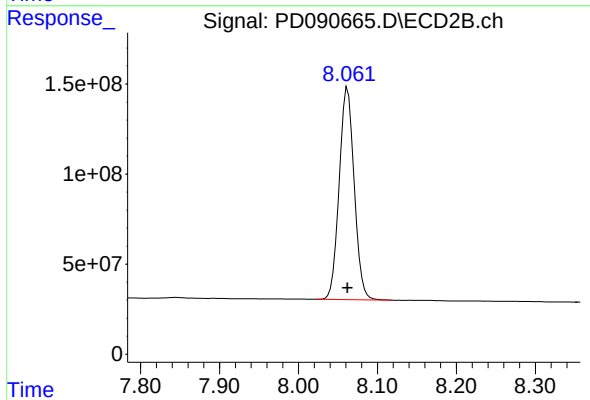
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1294533618
Conc: 50.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 232264787
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD101725



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 1556154030
Conc: 51.37 ng/ml



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 10:46

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-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	4.93	4.92	4.82	5.02	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY**Lab Name:** Alliance**Contract:** ROYF02**Lab Code:** ACE**SDG NO.:** Q3447**Continuing Calib Date:** 10/28/2025**Initial Calibration Date(s):** 10/17/2025 10/17/2025**Continuing Calib Time:** 10:46**Initial Calibration Time(s):** 11:34 12:28**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	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090869.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.964	9.164	46.620	50.000	-6.8
Endrin	6.572	6.468	6.668	49.060	50.000	-1.9
gamma-BHC (Lindane)	4.330	4.225	4.425	50.780	50.000	1.6
Heptachlor	4.927	4.823	5.023	59.520	50.000	19.0
Heptachlor epoxide	5.689	5.584	5.784	51.230	50.000	2.5
Methoxychlor	7.492	7.388	7.588	50.120	50.000	0.2
Tetrachloro-m-xylene	3.549	3.445	3.645	48.370	50.000	-3.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090869.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.962	8.162	52.120	50.000	4.2
Endrin	5.779	5.681	5.881	47.640	50.000	-4.7
gamma-BHC (Lindane)	3.721	3.623	3.823	47.900	50.000	-4.2
Heptachlor	4.073	3.975	4.175	49.290	50.000	-1.4
Heptachlor epoxide	4.862	4.764	4.964	47.630	50.000	-4.7
Methoxychlor	6.742	6.645	6.845	50.260	50.000	0.5
Tetrachloro-m-xylene	2.873	2.775	2.975	47.740	50.000	-4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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	2.873	150.6E6	1421.5E6	48.366	47.737
28) SA Decachlor...	9.068	8.060	218.1E6	1578.8E6	46.623	52.119
Target Compounds						
2) A alpha-BHC	3.999	3.384	370.7E6	2462.1E6	51.653	48.187
3) MA gamma-BHC...	4.330	3.721	345.3E6	2263.1E6	50.783	47.897
4) MA Heptachlor	4.927	4.073	332.7E6	2198.3E6	59.517	49.285
5) MB Aldrin	5.269	4.359	334.0E6	2236.5E6	51.021	48.286
6) B beta-BHC	4.517	4.017	129.8E6	981.9E6	49.548	49.516
7) B delta-BHC	4.765	4.254	344.8E6	2289.6E6	50.995	47.984
8) B Heptachlo...	5.689	4.862	296.5E6	2030.9E6	51.225	47.631
9) A Endosulfan I	6.072	5.236	281.4E6	1879.1E6	50.818	47.704
10) B gamma-Chl...	5.944	5.115	305.3E6	2188.0E6	51.474	48.678
11) B alpha-Chl...	6.025	5.180	313.6E6	2098.1E6	50.739	48.636
12) B 4,4'-DDE	6.194	5.364	270.4E6	2156.4E6	50.765	49.191
13) MA Dieldrin	6.345	5.502	301.6E6	2182.8E6	51.718	49.402
14) MA Endrin	6.572	5.779	243.0E6	1929.1E6	49.063	47.640
15) B Endosulfa...	6.785	6.071	251.6E6	1897.0E6	50.316	50.511
16) A 4,4'-DDD	6.705	5.919	224.3E6	1897.3E6	55.329	52.071
17) MA 4,4'-DDT	7.020	6.173	207.0E6	1735.6E6	50.358	49.485
18) B Endrin al...	6.914	6.249	188.9E6	1403.5E6	51.565	50.681
19) B Endosulfa...	7.149	6.472	236.1E6	1821.3E6	50.906	50.811
20) A Methoxychlor	7.492	6.742	106.5E6	875.9E6	50.121	50.261
21) B Endrin ke...	7.629	6.981	258.9E6	2057.5E6	53.278	54.551
22) Mirex	8.111	7.174	164.8E6	1383.3E6	51.488	53.843

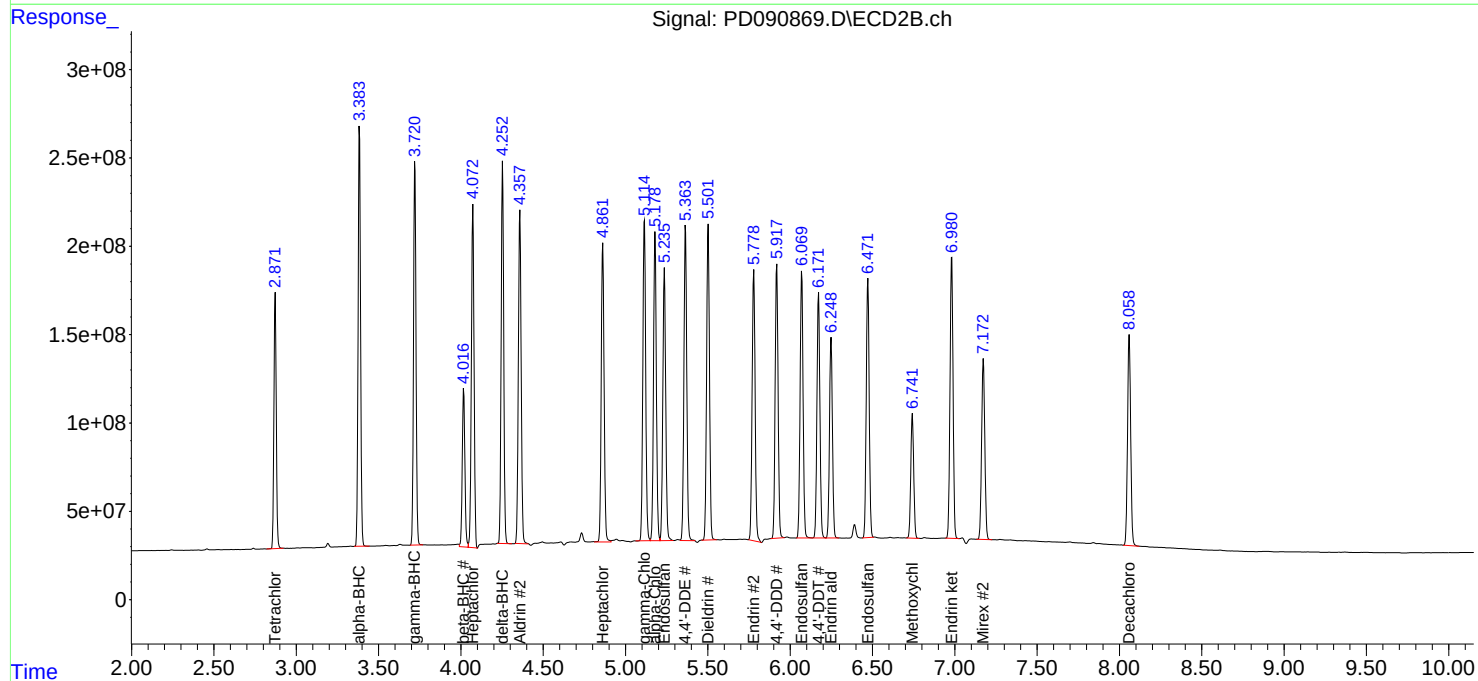
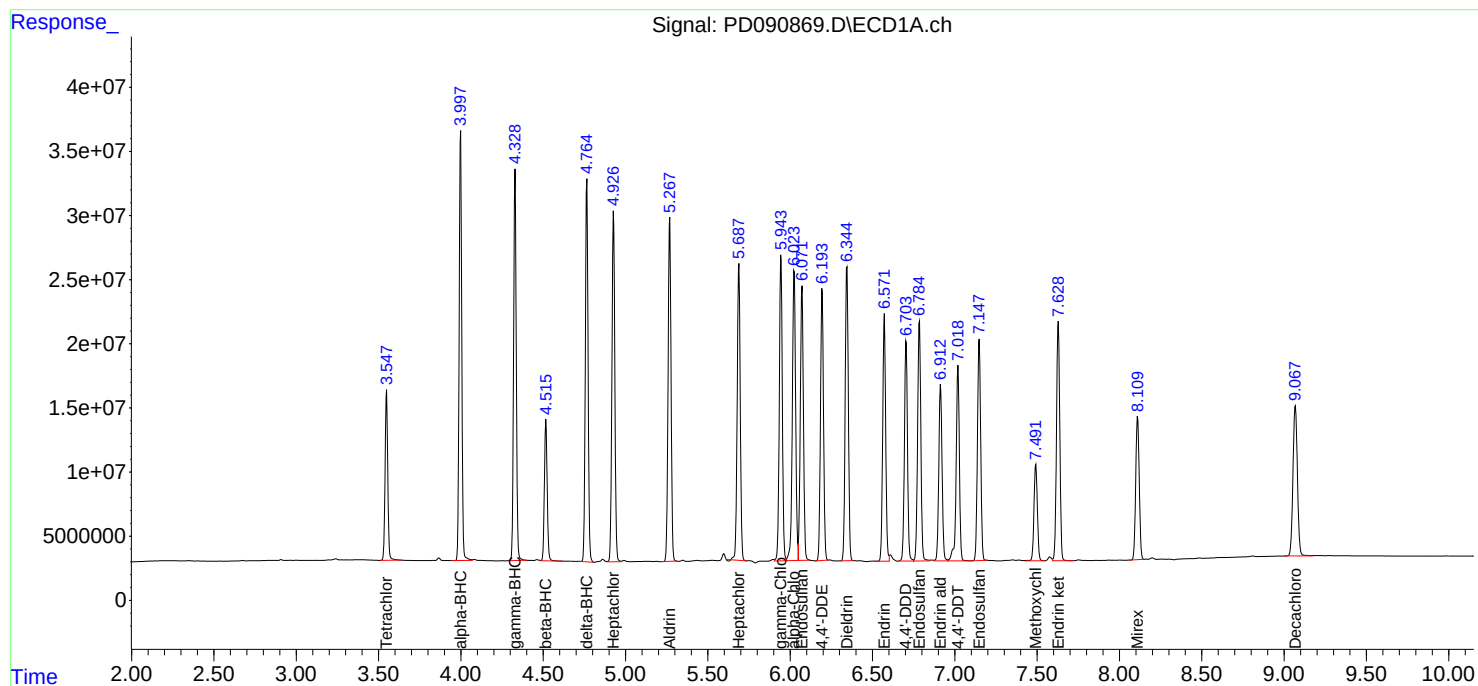
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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



Response_ Signal: PD090869.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.004 min
Response: 150619561
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90

Response_ Signal: PD090869.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1421459305
Conc: 47.74 ng/ml

Time 2.60 2.70 2.80 2.90 3.00 3.10

Response_ Signal: PD090869.D\ECD1A.ch

#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 370719298
Conc: 51.65 ng/ml

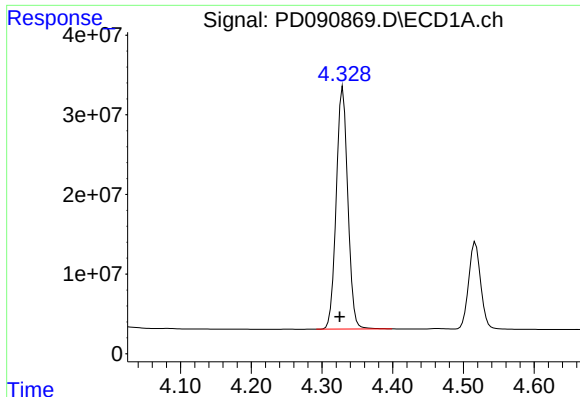
Time 3.70 3.80 3.90 4.00 4.10 4.20 4.30

Response_ Signal: PD090869.D\ECD2B.ch

#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.002 min
Response: 2462139262
Conc: 48.19 ng/ml

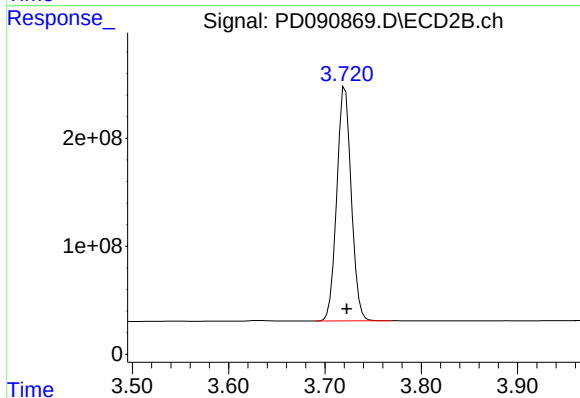
Time 3.20 3.30 3.40 3.50 3.60



#3 gamma-BHC (Lindane)

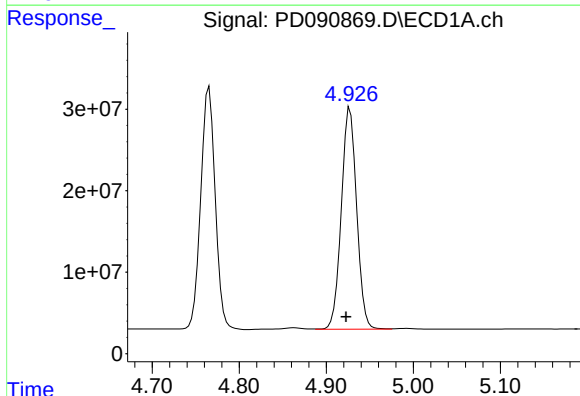
R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 345265374
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



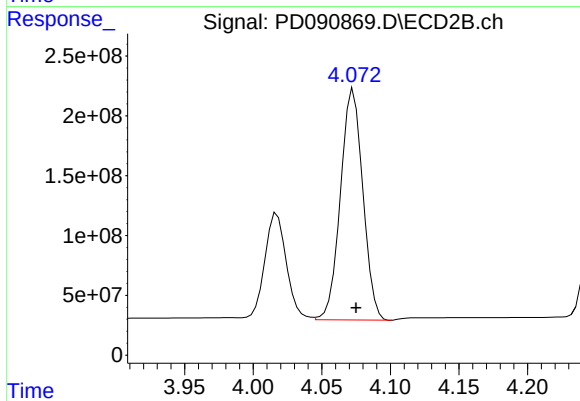
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2263077254
Conc: 47.90 ng/ml



#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.005 min
Response: 332671710
Conc: 59.52 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2198258794
Conc: 49.29 ng/ml

Response_ Signal: PD090869.D\ECD1A.ch

#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.004 min
Response: 334046096
Conc: 51.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_ Signal: PD090869.D\ECD2B.ch

#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2236536177
Conc: 48.29 ng/ml

Time

Response_ Signal: PD090869.D\ECD1A.ch

#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.005 min
Response: 129797641
Conc: 49.55 ng/ml

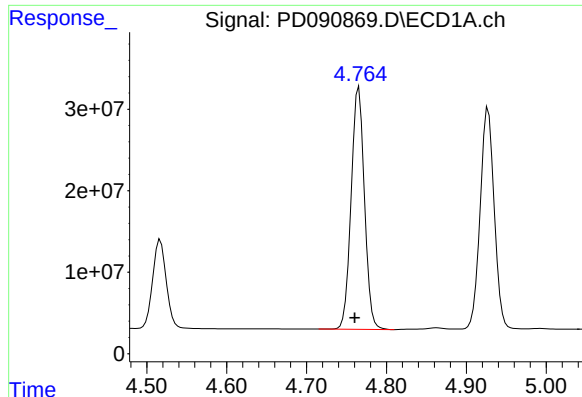
Time

Response_ Signal: PD090869.D\ECD2B.ch

#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 981870093
Conc: 49.52 ng/ml

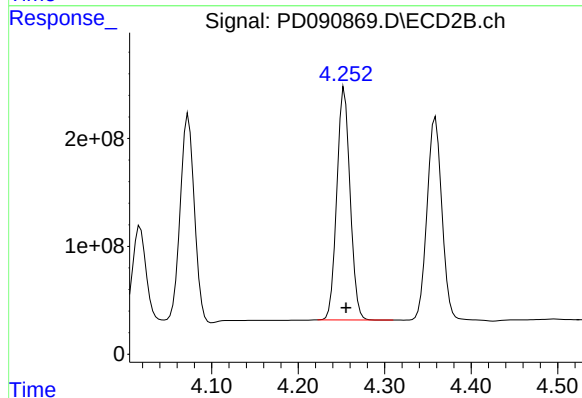
Time



#7 delta-BHC

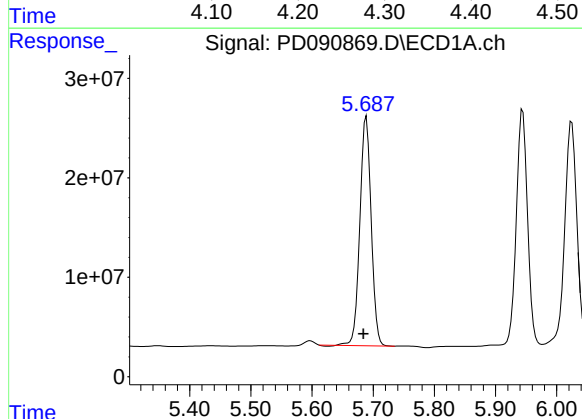
R.T.: 4.765 min
Delta R.T.: 0.005 min
Response: 344815269
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



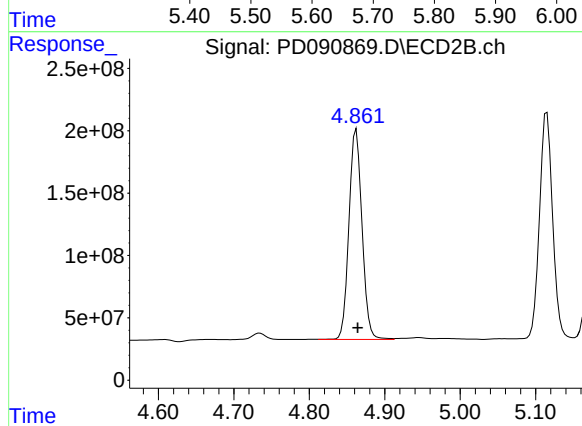
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2289625237
Conc: 47.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 296546612
Conc: 51.23 ng/ml



#8 Heptachlor epoxide

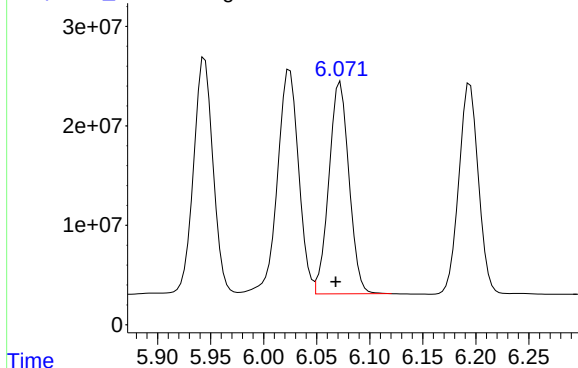
R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2030933492
Conc: 47.63 ng/ml

Response_ Signal: PD090869.D\ECD1A.ch

#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.004 min
Response: 281358984
Conc: 50.82 ng/ml

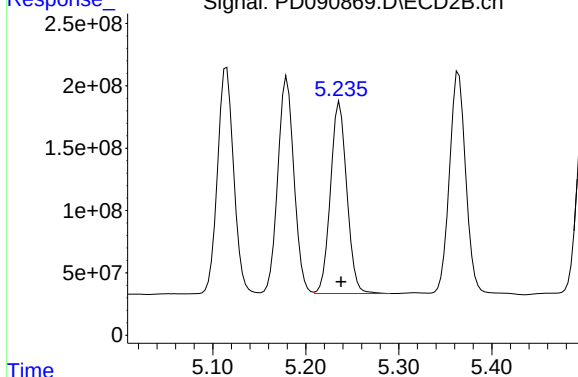
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090869.D\ECD2B.ch

#9 Endosulfan I

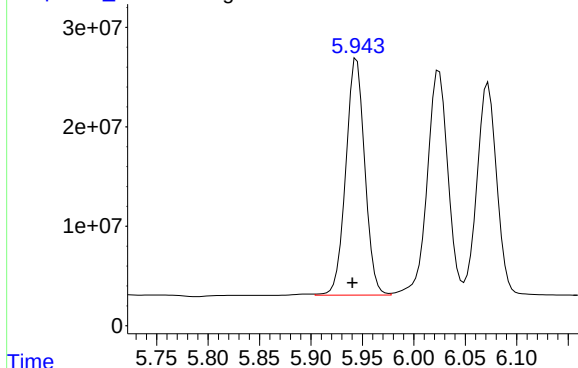
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1879072949
Conc: 47.70 ng/ml



Time Response_ Signal: PD090869.D\ECD1A.ch

#10 gamma-Chlordane

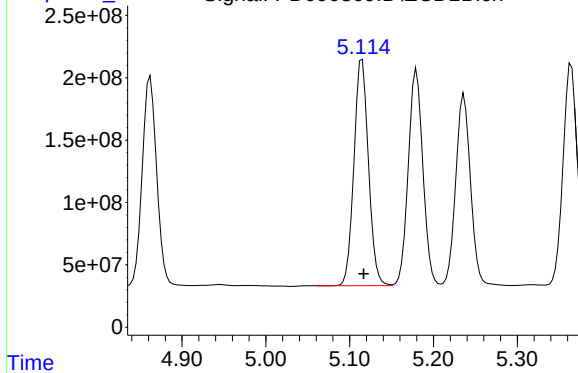
R.T.: 5.944 min
Delta R.T.: 0.004 min
Response: 305299682
Conc: 51.47 ng/ml

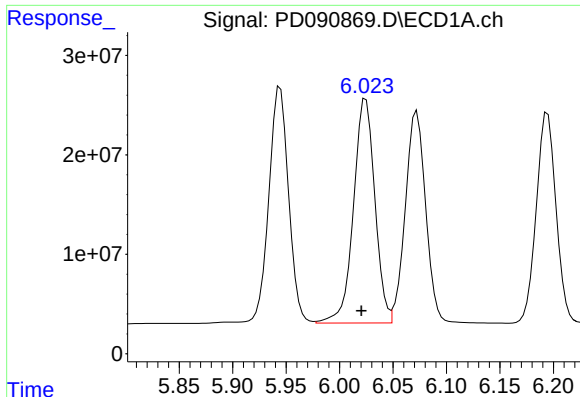


Time Response_ Signal: PD090869.D\ECD2B.ch

#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2188009901
Conc: 48.68 ng/ml

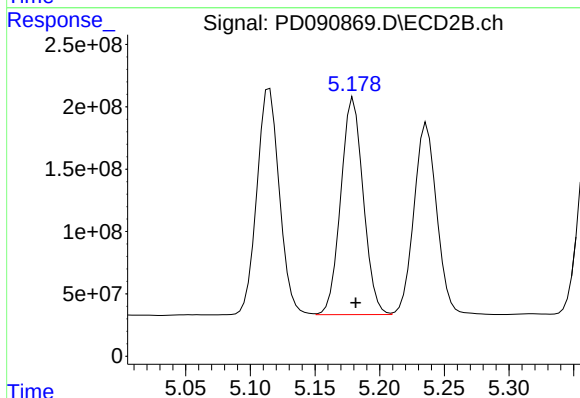




#11 alpha-Chlordane

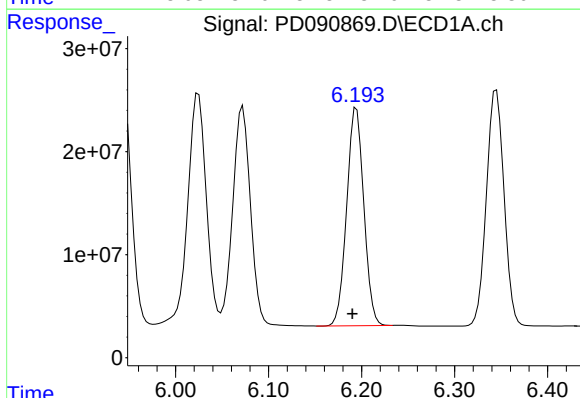
R.T.: 6.025 min
Delta R.T.: 0.004 min
Response: 313580511
Conc: 50.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



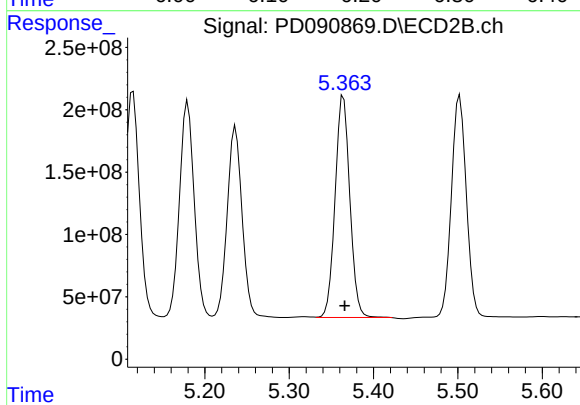
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2098051658
Conc: 48.64 ng/ml



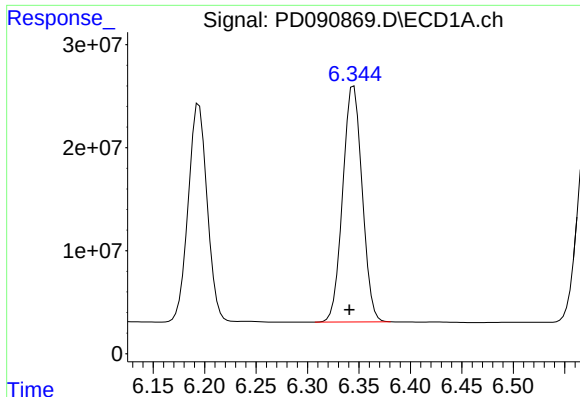
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.004 min
Response: 270409293
Conc: 50.77 ng/ml



#12 4,4'-DDE

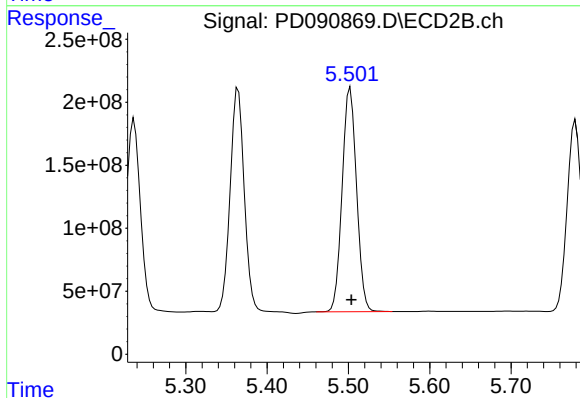
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2156432028
Conc: 49.19 ng/ml



#13 Dieldrin

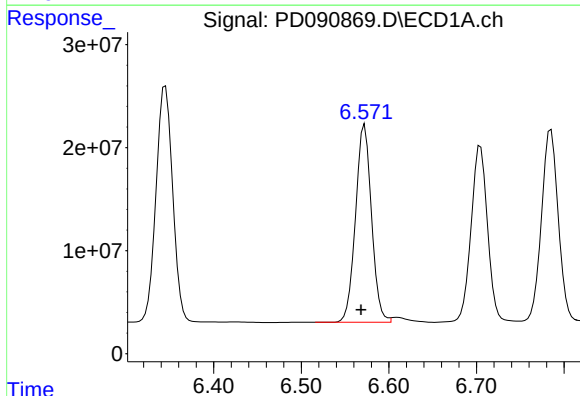
R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 301584750
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



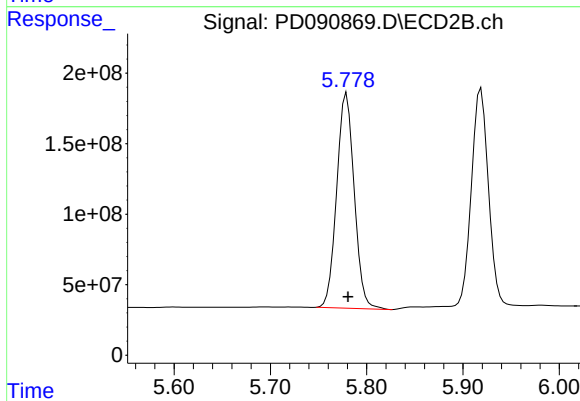
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2182780581
Conc: 49.40 ng/ml



#14 Endrin

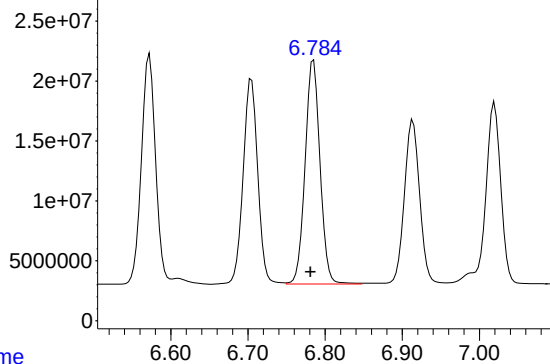
R.T.: 6.572 min
Delta R.T.: 0.004 min
Response: 243045302
Conc: 49.06 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1929112088
Conc: 47.64 ng/ml

Response_ Signal: PD090869.D\ECD1A.ch

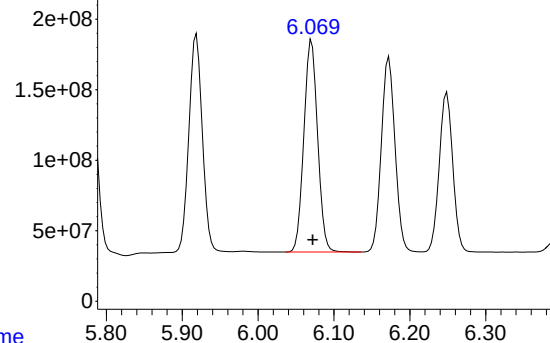


#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.004 min
Response: 251579673
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

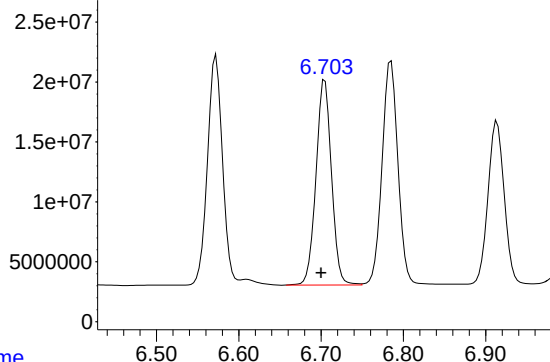
Time Response_ Signal: PD090869.D\ECD2B.ch



#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1896980962
Conc: 50.51 ng/ml

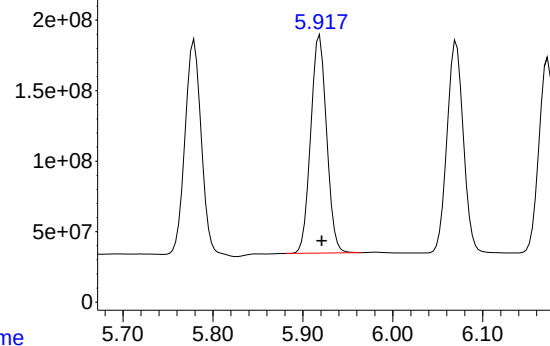
Time Response_ Signal: PD090869.D\ECD1A.ch



#16 4,4'-DDD

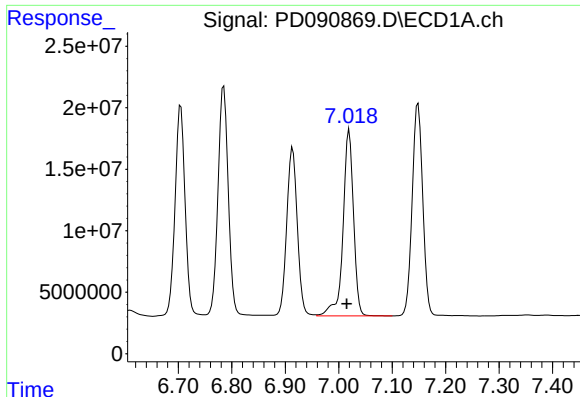
R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 224314956
Conc: 55.33 ng/ml

Time Response_ Signal: PD090869.D\ECD2B.ch



#16 4,4'-DDD

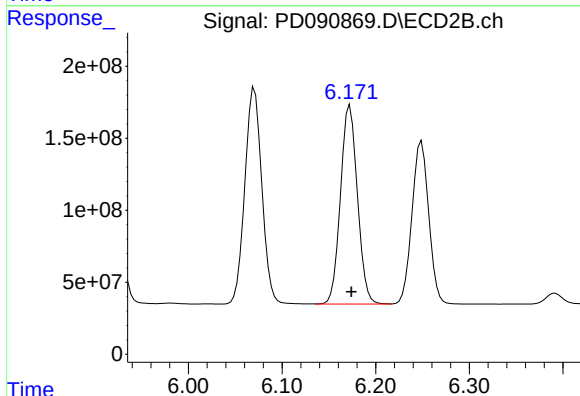
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1897347242
Conc: 52.07 ng/ml



#17 4,4'-DDT

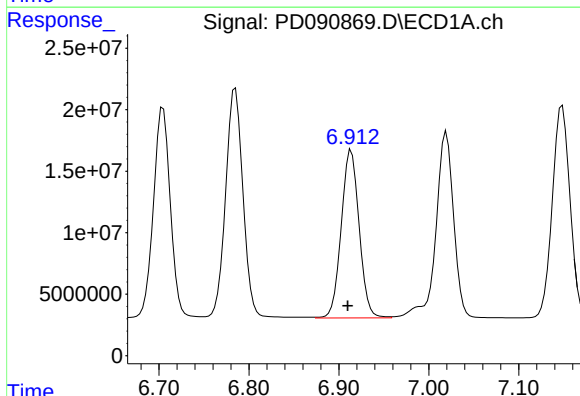
R.T.: 7.020 min
Delta R.T.: 0.004 min
Response: 206996678
Conc: 50.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



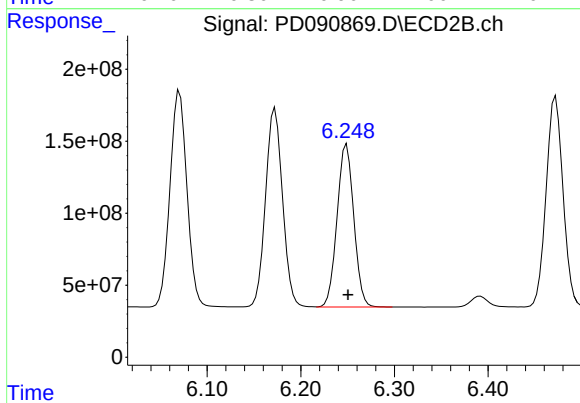
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1735588431
Conc: 49.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.004 min
Response: 188866084
Conc: 51.56 ng/ml



#18 Endrin aldehyde

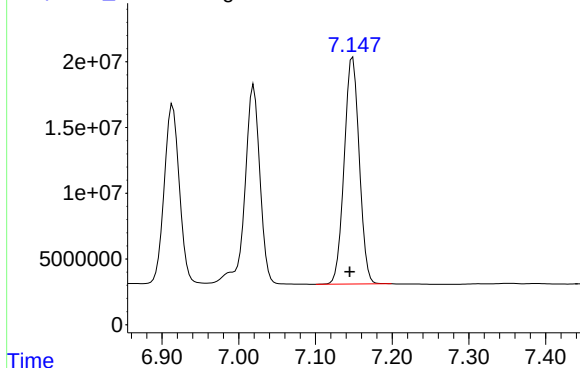
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1403495971
Conc: 50.68 ng/ml

Response_ Signal: PD090869.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.004 min
Response: 236112689
Conc: 50.91 ng/ml

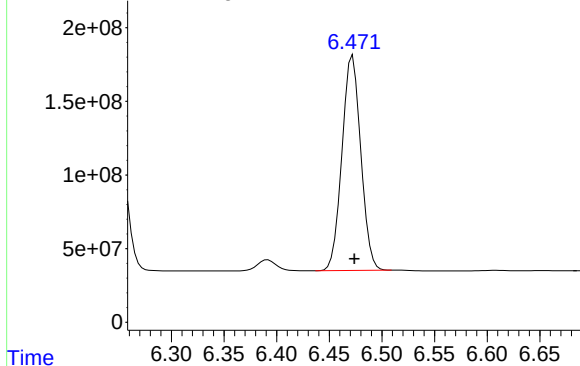
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090869.D\ECD2B.ch

#19 Endosulfan Sulfate

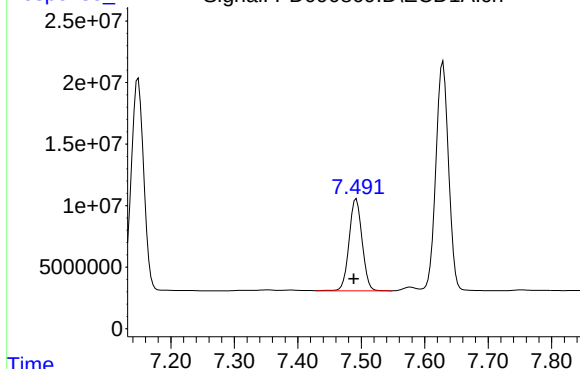
R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1821331310
Conc: 50.81 ng/ml



Time Response_ Signal: PD090869.D\ECD1A.ch

#20 Methoxychlor

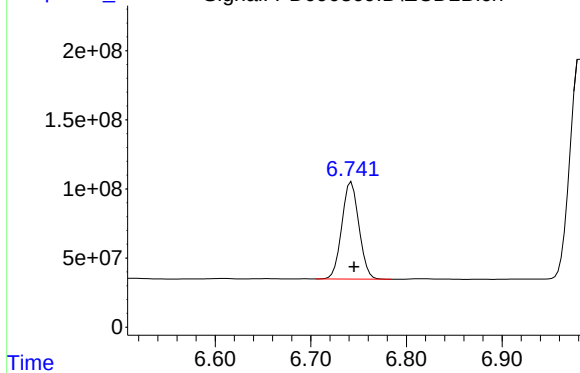
R.T.: 7.492 min
Delta R.T.: 0.004 min
Response: 106537498
Conc: 50.12 ng/ml



Time Response_ Signal: PD090869.D\ECD2B.ch

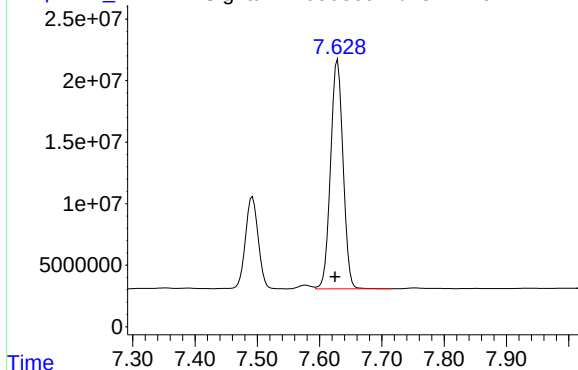
#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 875944650
Conc: 50.26 ng/ml



Signal: PD090869.D\ECD1A.ch

#21 Endrin ketone

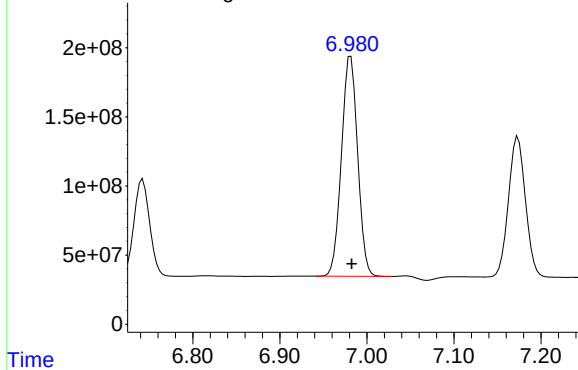


R.T.: 7.629 min
Delta R.T.: 0.004 min
Response: 258870530
Conc: 53.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Signal: PD090869.D\ECD2B.ch

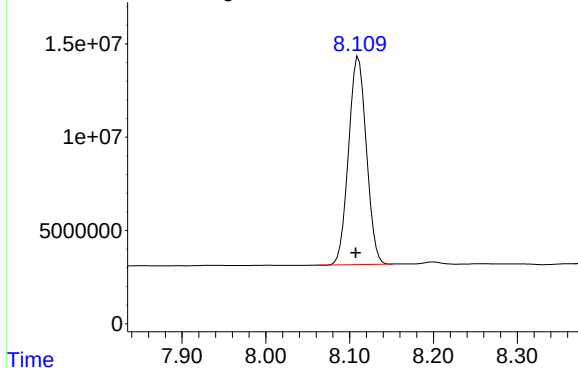
#21 Endrin ketone



R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 2057529483
Conc: 54.55 ng/ml

Signal: PD090869.D\ECD1A.ch

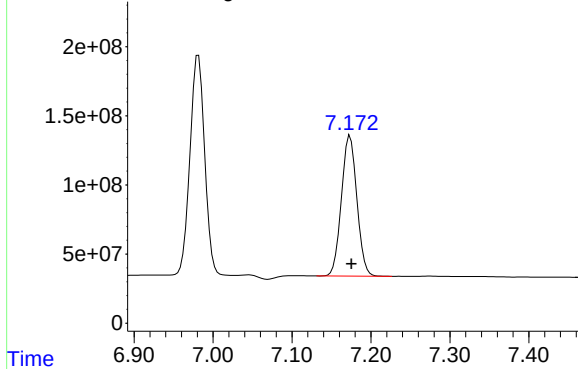
#22 Mirex



R.T.: 8.111 min
Delta R.T.: 0.003 min
Response: 164806479
Conc: 51.49 ng/ml

Signal: PD090869.D\ECD2B.ch

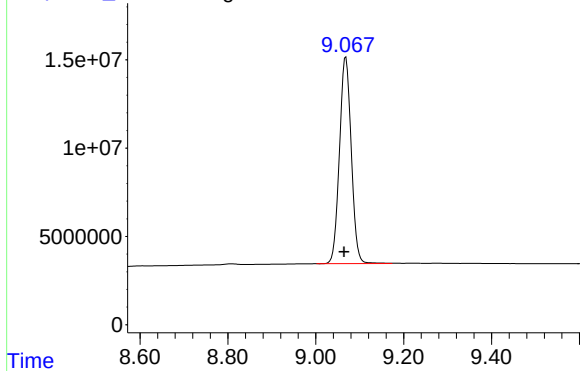
#22 Mirex



R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1383282087
Conc: 53.84 ng/ml

Signal: PD090869.D\ECD1A.ch

#28 Decachlorobiphenyl

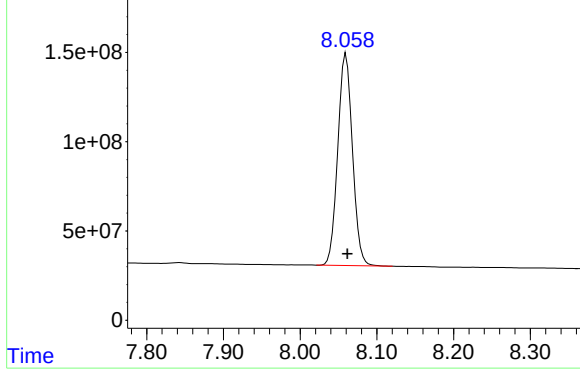


R.T.: 9.068 min
Delta R.T.: 0.004 min
Response: 218100405
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Signal: PD090869.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 1578764587
Conc: 52.12 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:50

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-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	4.93	4.92	4.82	5.02	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:50

Initial Calibration Time(s): 11:34

12:28

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	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.964	9.164	44.840	50.000	-10.3
Endrin	6.573	6.468	6.668	46.310	50.000	-7.4
gamma-BHC (Lindane)	4.330	4.225	4.425	47.850	50.000	-4.3
Heptachlor	4.928	4.823	5.023	56.100	50.000	12.2
Heptachlor epoxide	5.688	5.584	5.784	48.870	50.000	-2.3
Methoxychlor	7.493	7.388	7.588	46.810	50.000	-6.4
Tetrachloro-m-xylene	3.549	3.445	3.645	45.750	50.000	-8.5



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.962	8.162	49.890	50.000	-0.2
Endrin	5.779	5.681	5.881	45.370	50.000	-9.3
gamma-BHC (Lindane)	3.721	3.623	3.823	45.240	50.000	-9.5
Heptachlor	4.073	3.975	4.175	46.820	50.000	-6.4
Heptachlor epoxide	4.863	4.764	4.964	44.400	50.000	-11.2
Methoxychlor	6.744	6.645	6.845	46.880	50.000	-6.2
Tetrachloro-m-xylene	2.873	2.775	2.975	45.050	50.000	-9.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 13:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:43:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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	2.873	142.5E6	1341.4E6	45.753	45.049
28)	SA Decachlor...	9.070	8.060	209.7E6	1511.2E6	44.837	49.890
Target Compounds							
2)	A alpha-BHC	3.999	3.385	349.0E6	2330.8E6	48.620	45.617
3)	MA gamma-BHC...	4.330	3.721	325.3E6	2137.5E6	47.848	45.240
4)	MA Heptachlor	4.928	4.073	313.6E6	2088.1E6	56.105	46.816
5)	MB Aldrin	5.269	4.359	315.3E6	2099.0E6	48.153	45.316
6)	B beta-BHC	4.516	4.018	122.6E6	937.4E6	46.792m	47.274
7)	B delta-BHC	4.766	4.253	329.0E6	2189.2E6	48.659	45.880
8)	B Heptachlo...	5.688	4.863	282.9E6	1893.0E6	48.868m	44.397
9)	A Endosulfan I	6.073	5.237	267.3E6	1775.1E6	48.285	45.066
10)	B gamma-Chl...	5.945	5.115	287.4E6	2056.8E6	48.455	45.759
11)	B alpha-Chl...	6.025	5.180	304.8E6	1972.7E6	49.314	45.731
12)	B 4,4'-DDE	6.195	5.365	255.3E6	2023.6E6	47.934	46.161
13)	MA Dieldrin	6.345	5.503	284.4E6	2053.3E6	48.772	46.472
14)	MA Endrin	6.573	5.779	229.4E6	1837.3E6	46.311	45.373
15)	B Endosulfa...	6.785	6.071	239.2E6	1781.4E6	47.836	47.435
16)	A 4,4'-DDD	6.705	5.919	214.4E6	1790.1E6	52.874	49.126
17)	MA 4,4'-DDT	7.020	6.173	193.3E6	1598.4E6	47.022	45.574
18)	B Endrin al...	6.914	6.249	179.8E6	1321.0E6	49.092	47.701
19)	B Endosulfa...	7.149	6.473	225.3E6	1717.5E6	48.580	47.916
20)	A Methoxychlor	7.493	6.744	99502426	817.1E6	46.812	46.883
21)	B Endrin ke...	7.629	6.982	246.6E6	1940.4E6	50.759	51.446
22)	Mirex	8.111	7.174	155.5E6	1297.5E6	48.595	50.504

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

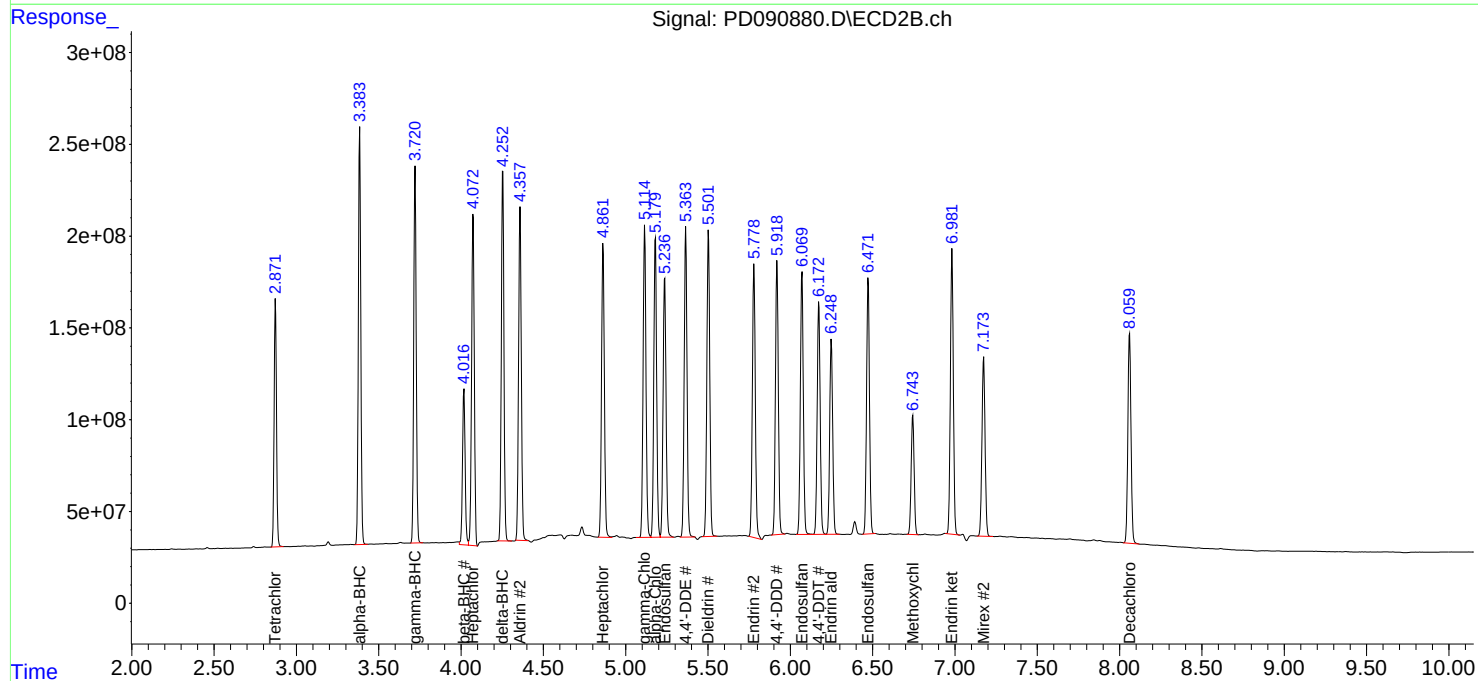
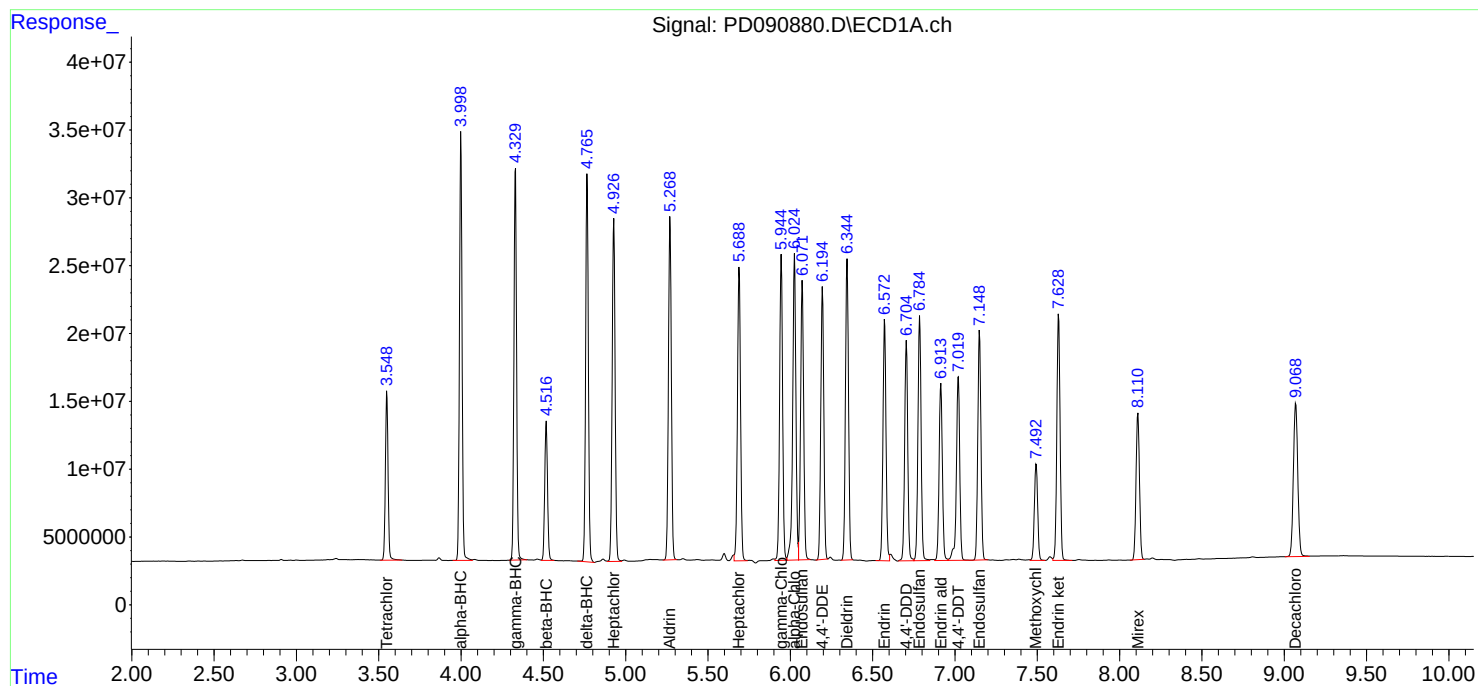
APPROVED

Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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



Response_ Signal: PD090880.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.004 min
Response: 142482761
Conc: 45.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90

Response_ Signal: PD090880.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1341429860
Conc: 45.05 ng/ml

Time 2.65 2.70 2.75 2.80 2.85 2.90 2.95 3.00 3.05

Response_ Signal: PD090880.D\ECD1A.ch

#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 348950476
Conc: 48.62 ng/ml

Time 3.70 3.80 3.90 4.00 4.10 4.20 4.30

Response_ Signal: PD090880.D\ECD2B.ch

#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2330838400
Conc: 45.62 ng/ml

Time 3.20 3.30 3.40 3.50 3.60

Response_ Signal: PD090880.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 325307142
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

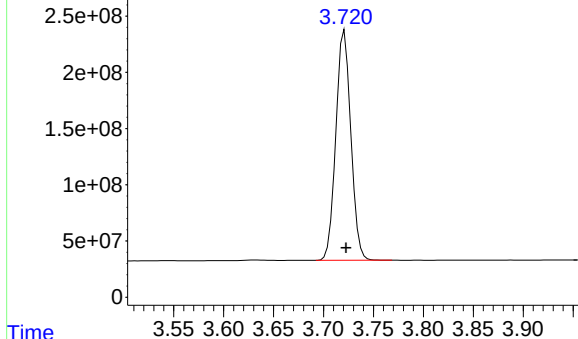
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time

Response_ Signal: PD090880.D\ECD2B.ch

#3 gamma-BHC (Lindane)

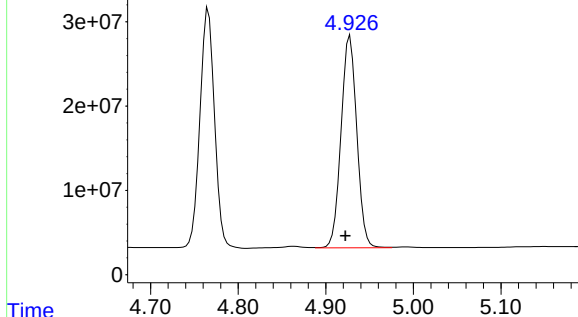
R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2137540915
Conc: 45.24 ng/ml



Response_ Signal: PD090880.D\ECD1A.ch

#4 Heptachlor

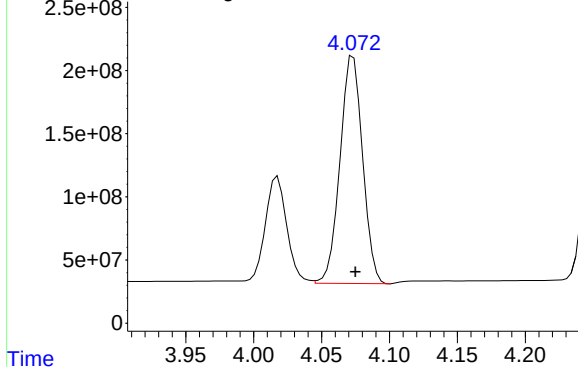
R.T.: 4.928 min
Delta R.T.: 0.005 min
Response: 313600156
Conc: 56.10 ng/ml

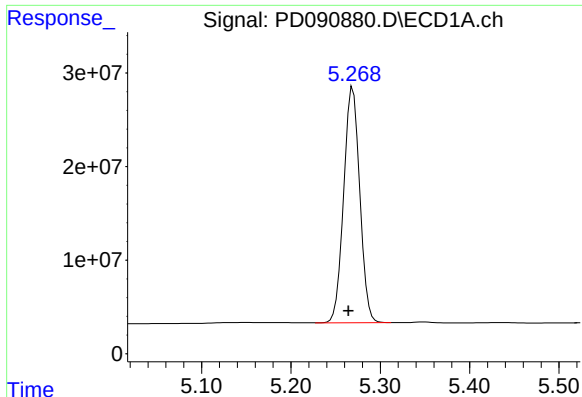


Response_ Signal: PD090880.D\ECD2B.ch

#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2088148119
Conc: 46.82 ng/ml





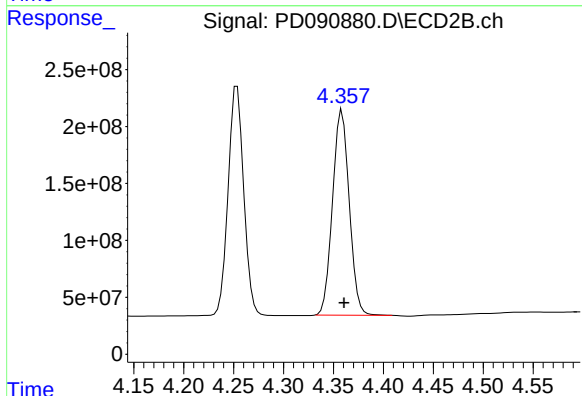
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.005 min
Response: 315272222
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

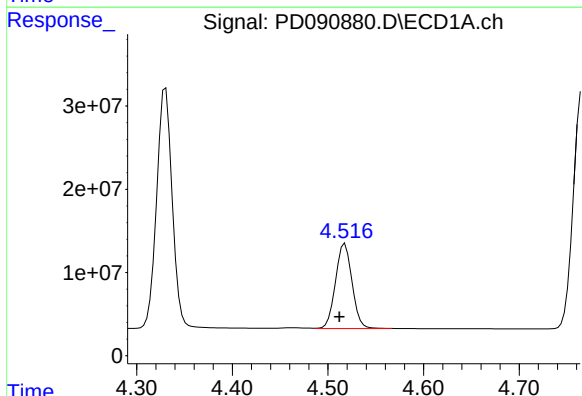
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



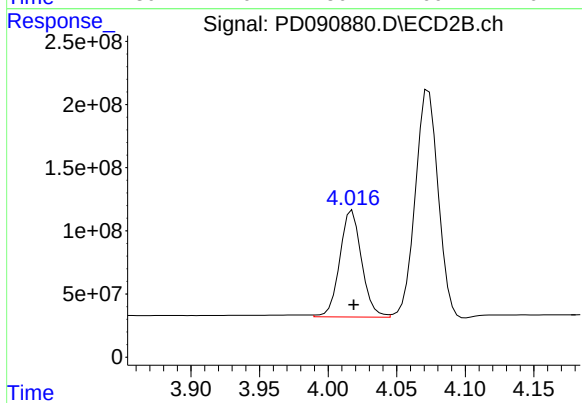
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2098980398
Conc: 45.32 ng/ml



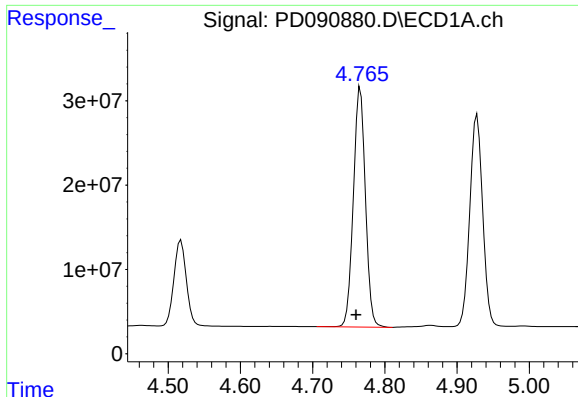
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.004 min
Response: 122578640
Conc: 46.79 ng/ml m



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 937421392
Conc: 47.27 ng/ml



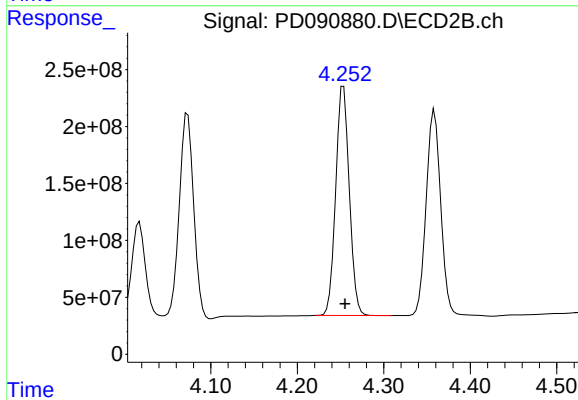
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 329021806
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

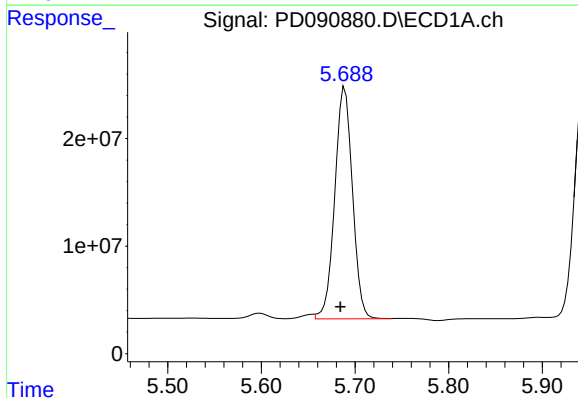
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



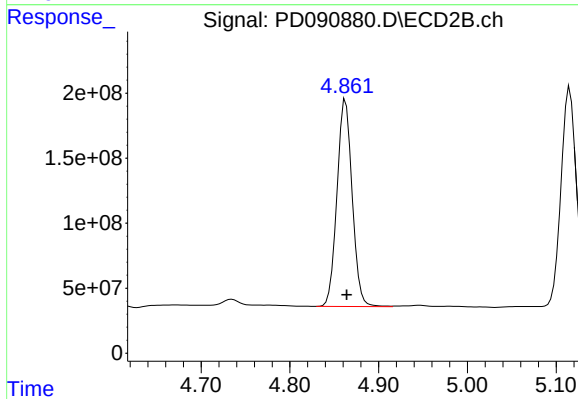
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2189232443
Conc: 45.88 ng/ml



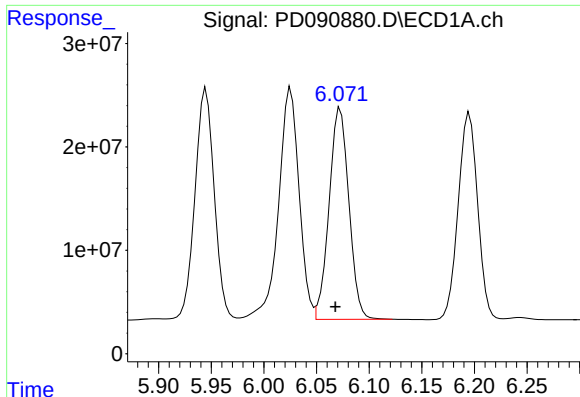
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 282901274
Conc: 48.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 1893028546
Conc: 44.40 ng/ml



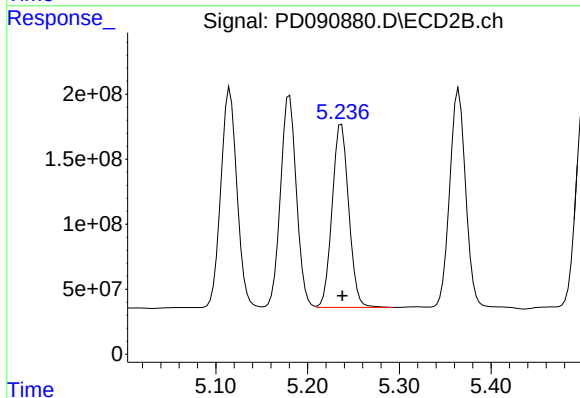
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.005 min
Response: 267336617
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

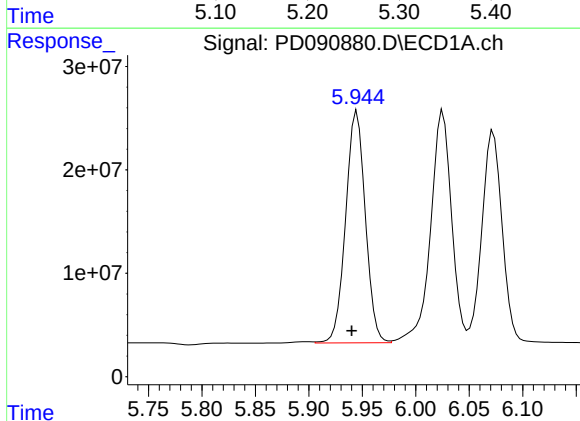
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



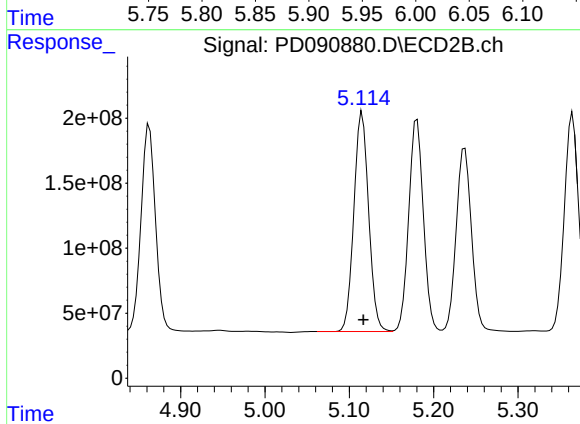
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1775147669
Conc: 45.07 ng/ml



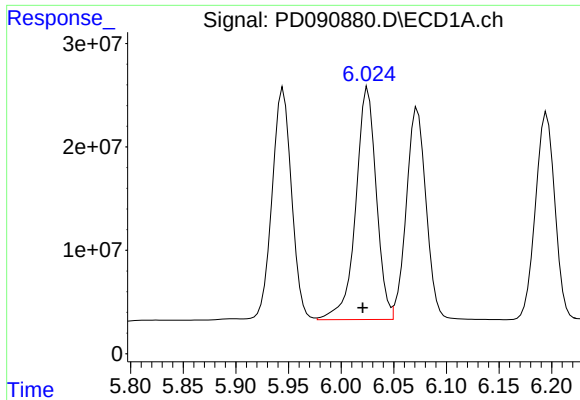
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.005 min
Response: 287392358
Conc: 48.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2056804121
Conc: 45.76 ng/ml



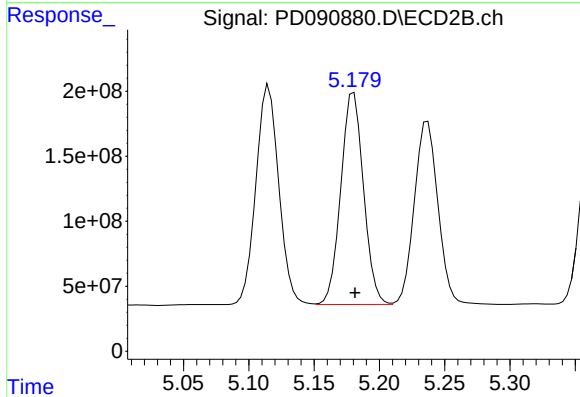
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.005 min
Response: 304773481
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

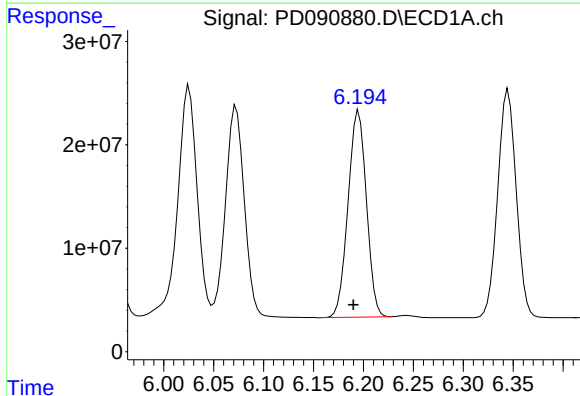
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



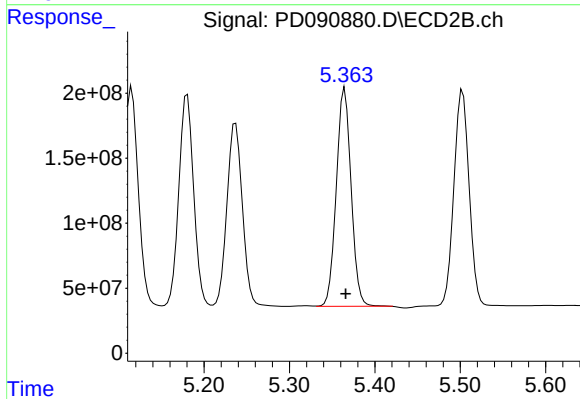
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 1972723077
Conc: 45.73 ng/ml



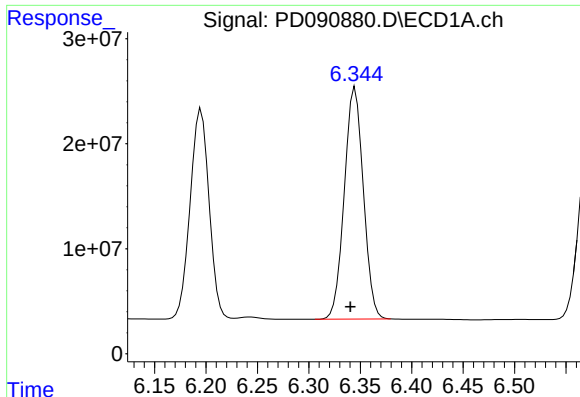
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.005 min
Response: 255326166
Conc: 47.93 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2023628095
Conc: 46.16 ng/ml



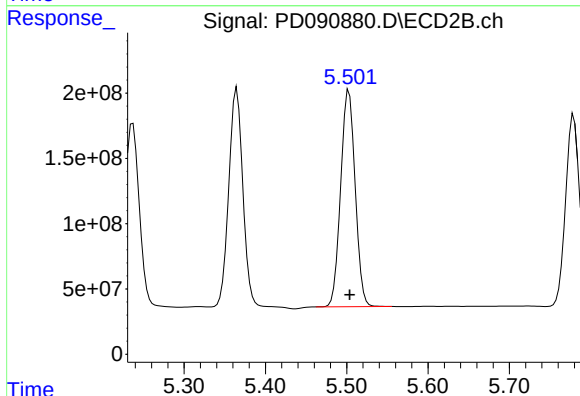
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 284407990
Conc: 48.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

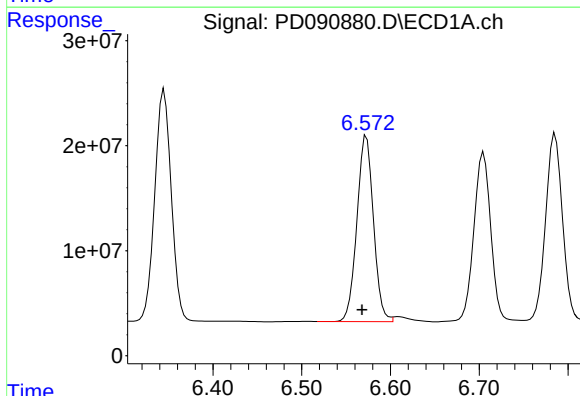
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



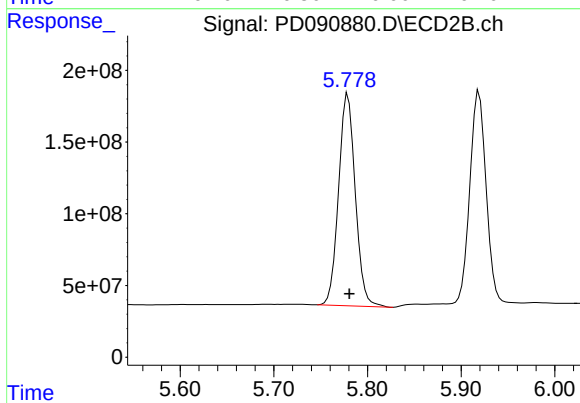
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2053314979
Conc: 46.47 ng/ml



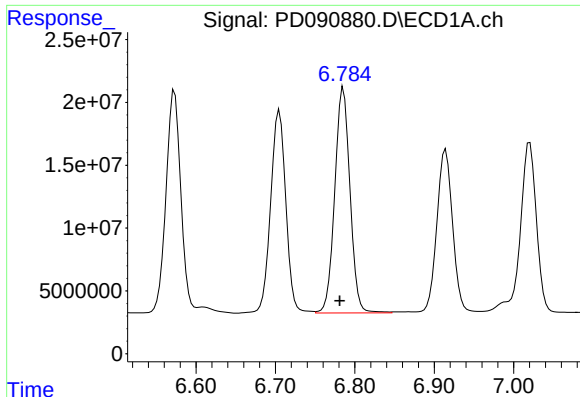
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.005 min
Response: 229410708
Conc: 46.31 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1837321071
Conc: 45.37 ng/ml



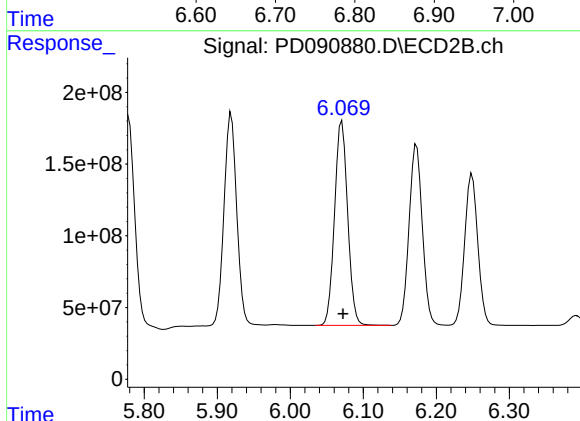
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 239178497
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

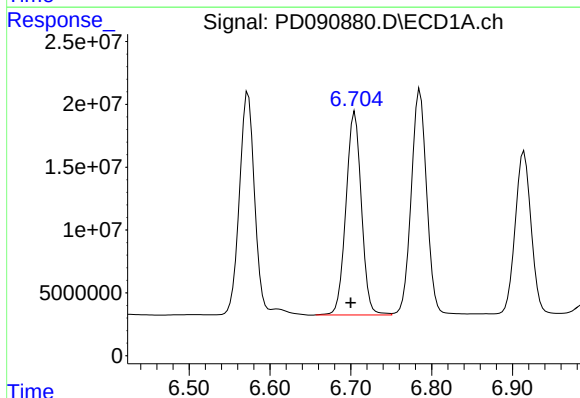
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



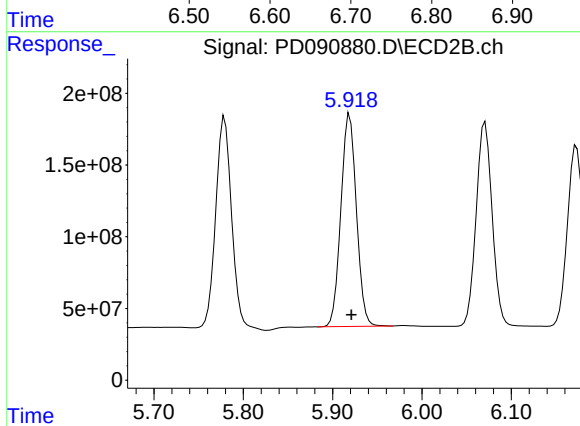
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1781437454
Conc: 47.43 ng/ml



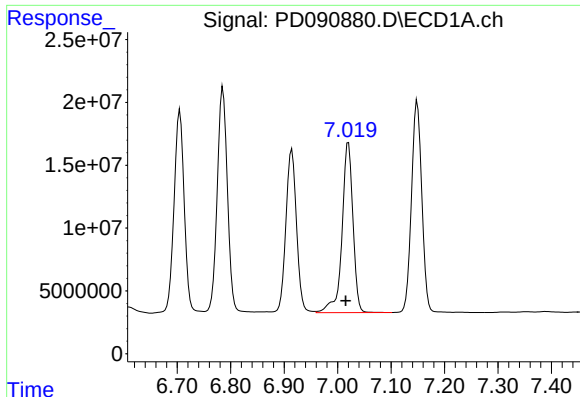
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 214360846
Conc: 52.87 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1790072144
Conc: 49.13 ng/ml



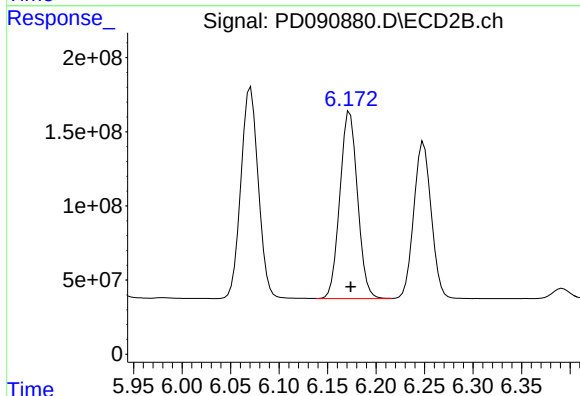
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.005 min
Response: 193281254
Conc: 47.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

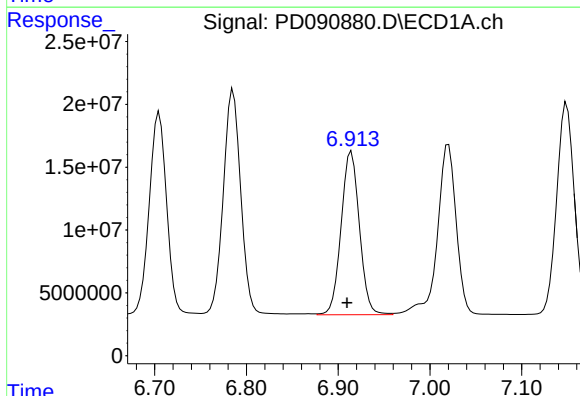
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



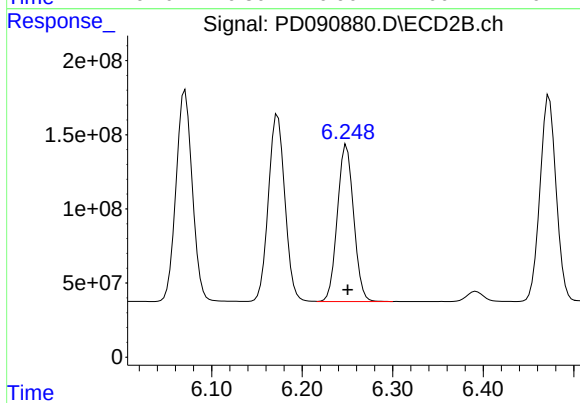
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1598410354
Conc: 45.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.005 min
Response: 179807789
Conc: 49.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1320964639
Conc: 47.70 ng/ml

Response_ Signal: PD090880.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.004 min
Response: 225325170
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time

Response_ Signal: PD090880.D\ECD2B.ch

#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1717535859
Conc: 47.92 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml

Time

Response_ Signal: PD090880.D\ECD2B.ch

#20 Methoxychlor

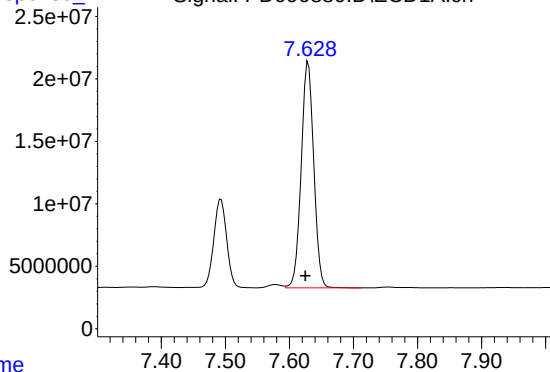
R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml

Time

Response_ Signal: PD090880.D\ECD1A.ch

#20 Methoxychlor

Response_ Signal: PD090880.D\ECD1A.ch



#21 Endrin ketone

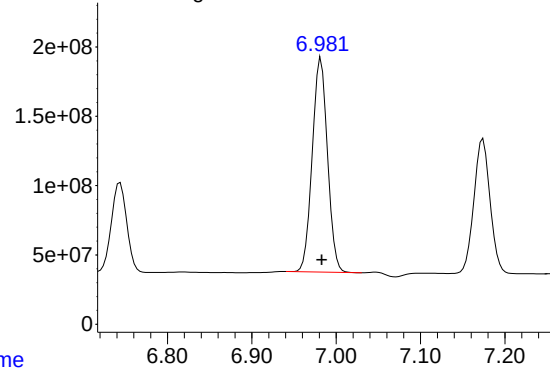
R.T.: 7.629 min
Delta R.T.: 0.005 min
Response: 246628944
Conc: 50.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

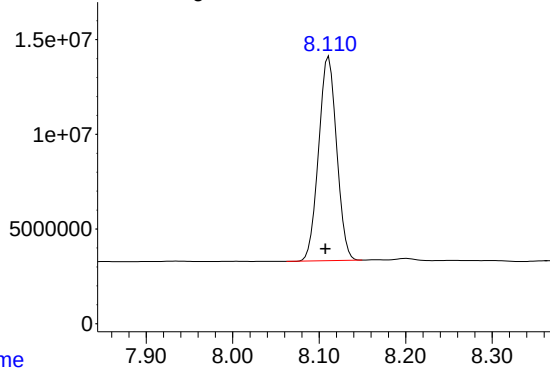
Time Response_ Signal: PD090880.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1940426405
Conc: 51.45 ng/ml

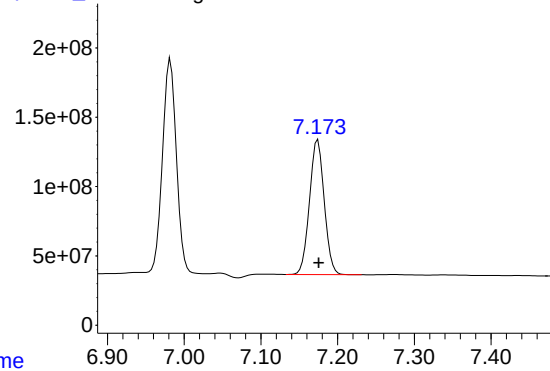
Time Response_ Signal: PD090880.D\ECD1A.ch



#22 Mirex

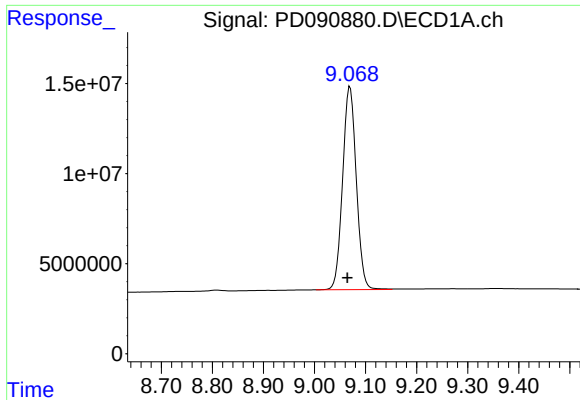
R.T.: 8.111 min
Delta R.T.: 0.004 min
Response: 155544657
Conc: 48.59 ng/ml

Time Response_ Signal: PD090880.D\ECD2B.ch



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1297488305
Conc: 50.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.005 min
Response: 209746676
Conc: 44.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

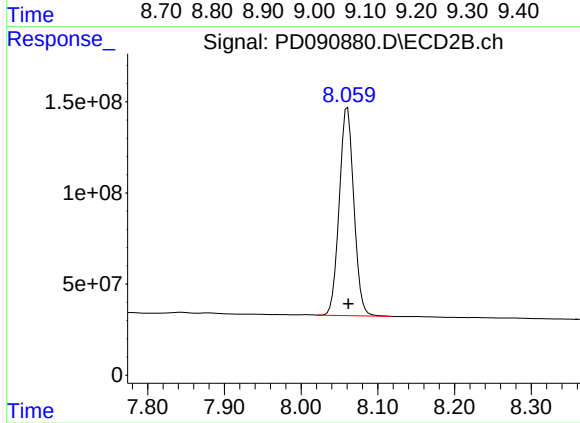
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 1511236576
Conc: 49.89 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 17:52

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 17:52

Initial Calibration Time(s): 11:34

12:28

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	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.061	8.964	9.164	44.310	50.000	-11.4
Endrin	6.565	6.468	6.668	44.800	50.000	-10.4
gamma-BHC (Lindane)	4.323	4.225	4.425	47.650	50.000	-4.7
Heptachlor	4.921	4.823	5.023	55.050	50.000	10.1
Heptachlor epoxide	5.682	5.584	5.784	48.630	50.000	-2.7
Methoxychlor	7.486	7.388	7.588	45.090	50.000	-9.8
Tetrachloro-m-xylene	3.543	3.445	3.645	46.400	50.000	-7.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.058	7.962	8.162	47.520	50.000	-5.0
Endrin	5.778	5.681	5.881	44.720	50.000	-10.6
gamma-BHC (Lindane)	3.721	3.623	3.823	45.460	50.000	-9.1
Heptachlor	4.073	3.975	4.175	46.780	50.000	-6.4
Heptachlor epoxide	4.861	4.764	4.964	44.870	50.000	-10.3
Methoxychlor	6.742	6.645	6.845	45.090	50.000	-9.8
Tetrachloro-m-xylene	2.873	2.775	2.975	45.260	50.000	-9.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090892.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 17:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:45:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	144.5E6	1347.8E6	46.402	45.262
28)	SA Decachlor...	9.061	8.058	207.3E6	1439.5E6	44.308	47.523
Target Compounds							
2)	A alpha-BHC	3.992	3.385	347.2E6	2343.5E6	48.380	45.864
3)	MA gamma-BHC...	4.323	3.721	323.9E6	2148.0E6	47.646	45.462
4)	MA Heptachlor	4.921	4.073	307.7E6	2086.5E6	55.048	46.780
5)	MB Aldrin	5.263	4.358	311.8E6	2121.3E6	47.620	45.797
6)	B beta-BHC	4.510	4.017	122.7E6	941.7E6	46.828	47.492
7)	B delta-BHC	4.758	4.253	327.1E6	2188.3E6	48.380	45.860
8)	B Heptachlo...	5.682	4.861	281.5E6	1913.2E6	48.626	44.871
9)	A Endosulfan I	6.066	5.235	261.9E6	1755.6E6	47.294	44.569
10)	B gamma-Chl...	5.937	5.114	279.6E6	2053.4E6	47.145	45.683
11)	B alpha-Chl...	6.018	5.179	293.5E6	1968.4E6	47.493	45.630
12)	B 4,4'-DDE	6.188	5.363	248.7E6	2022.6E6	46.681	46.138
13)	MA Dieldrin	6.338	5.501	277.6E6	2043.1E6	47.605	46.241
14)	MA Endrin	6.565	5.778	221.9E6	1810.9E6	44.796	44.719
15)	B Endosulfa...	6.779	6.069	232.2E6	1749.0E6	46.448	46.571
16)	A 4,4'-DDD	6.697	5.918	208.6E6	1787.4E6	51.455	49.053
17)	MA 4,4'-DDT	7.013	6.171	181.5E6	1541.7E6	44.153	43.956
18)	B Endrin al...	6.907	6.247	171.8E6	1297.5E6	46.916	46.853
19)	B Endosulfa...	7.142	6.471	217.1E6	1682.9E6	46.813	46.949
20)	A Methoxychlor	7.486	6.742	95832413	785.7E6	45.085	45.085
21)	B Endrin ke...	7.623	6.980	239.7E6	1881.1E6	49.325	49.873
22)	Mirex	8.104	7.172	150.7E6	1227.2E6	47.087	47.769

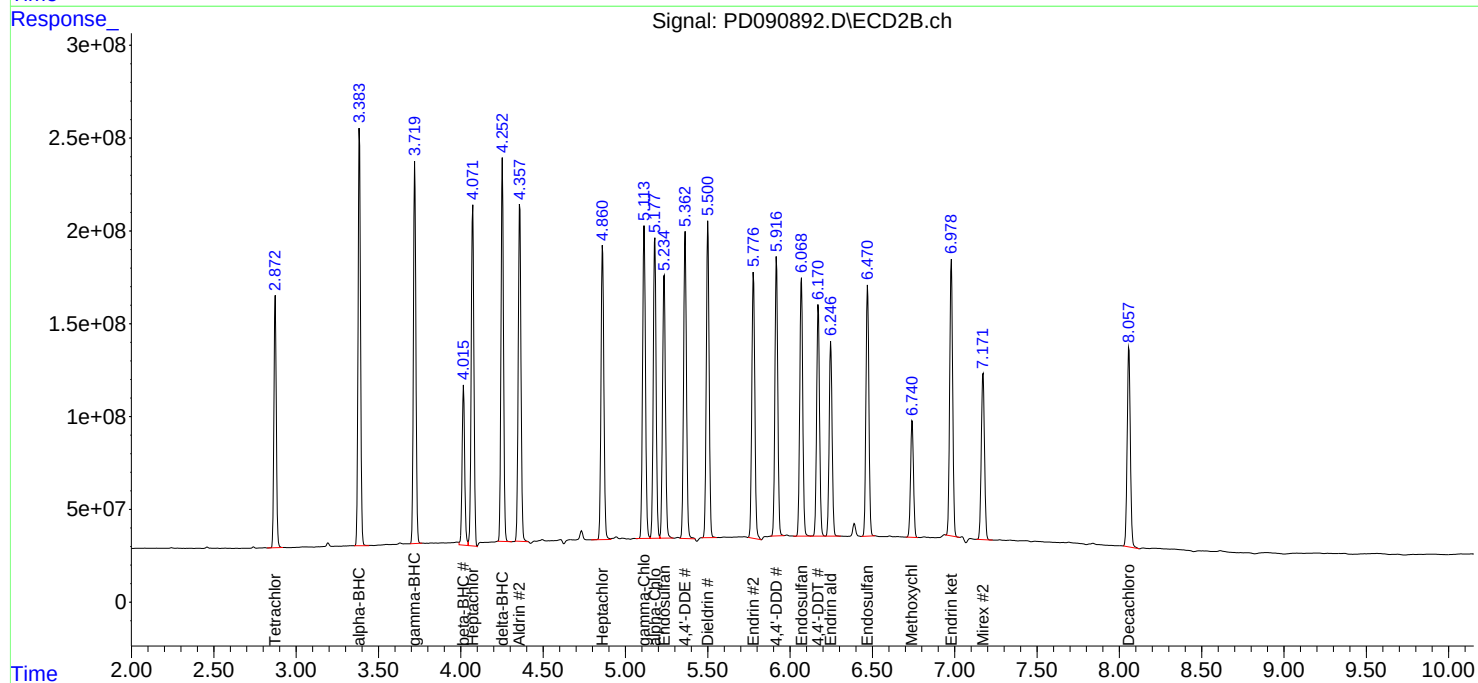
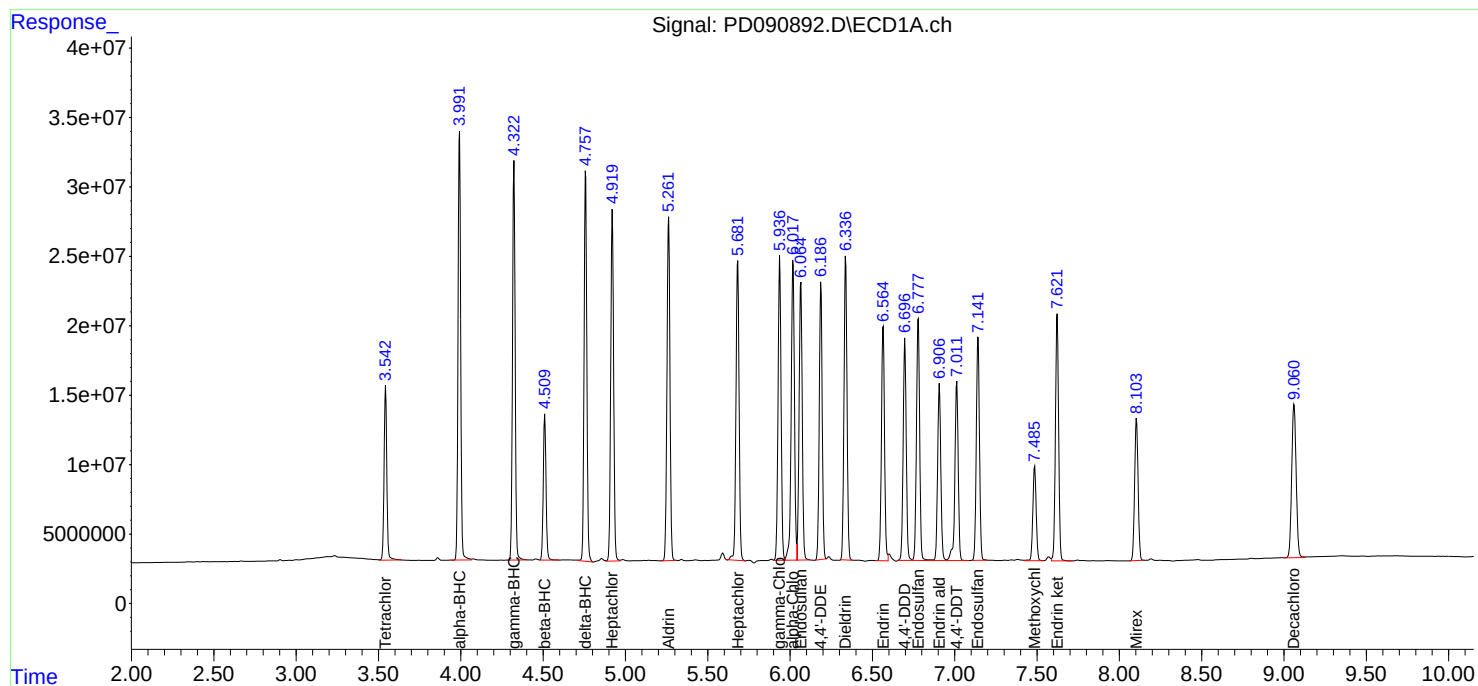
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

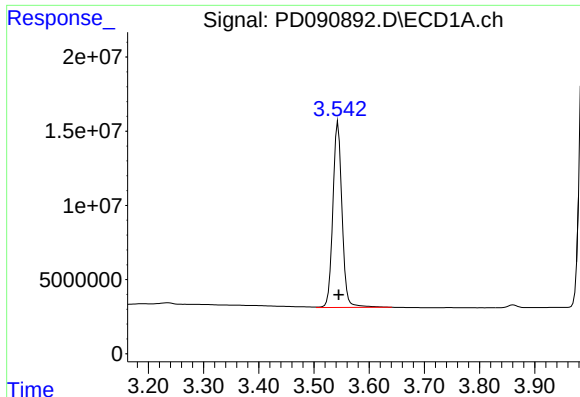
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 17:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:45:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

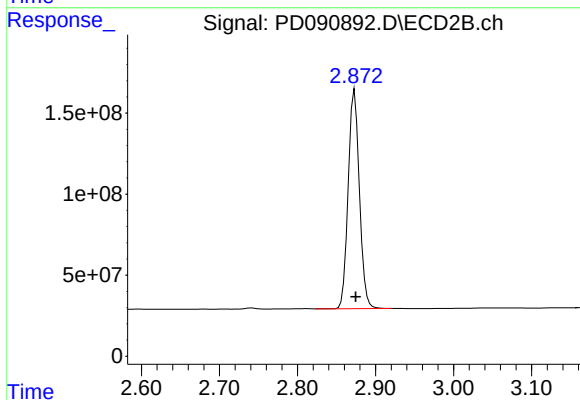




#1 Tetrachloro-m-xylene

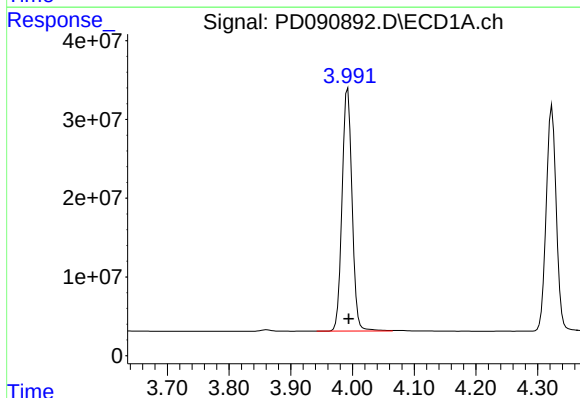
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 144504100
Conc: 46.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



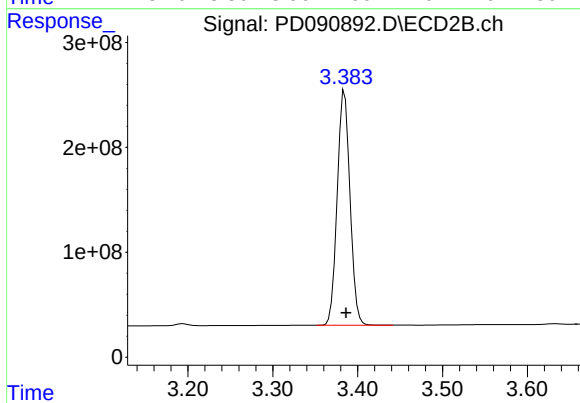
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1347782833
Conc: 45.26 ng/ml



#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 347233597
Conc: 48.38 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2343473417
Conc: 45.86 ng/ml

Response_

Signal: PD090892.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.323 min

Delta R.T.: -0.002 min

Response: 323936239

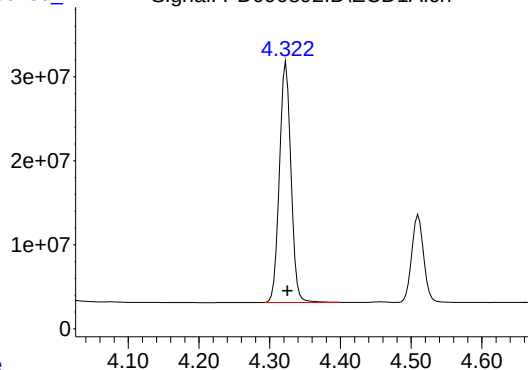
Conc: 47.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050



Time

Response_

Signal: PD090892.D\ECD2B.ch

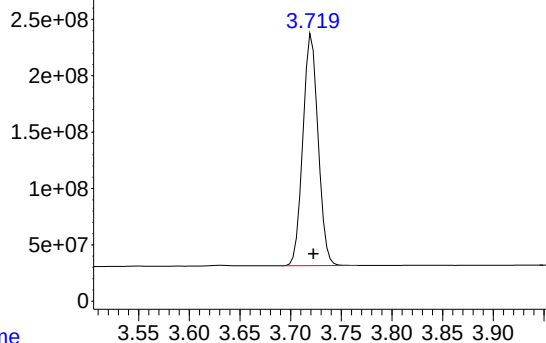
#3 gamma-BHC (Lindane)

R.T.: 3.721 min

Delta R.T.: -0.002 min

Response: 2148038218

Conc: 45.46 ng/ml



Time

Response_

Signal: PD090892.D\ECD1A.ch

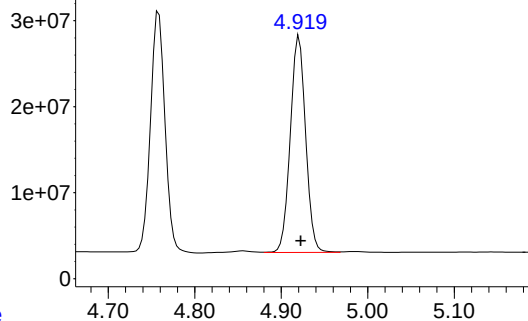
#4 Heptachlor

R.T.: 4.921 min

Delta R.T.: -0.002 min

Response: 307692353

Conc: 55.05 ng/ml



Time

Response_

Signal: PD090892.D\ECD2B.ch

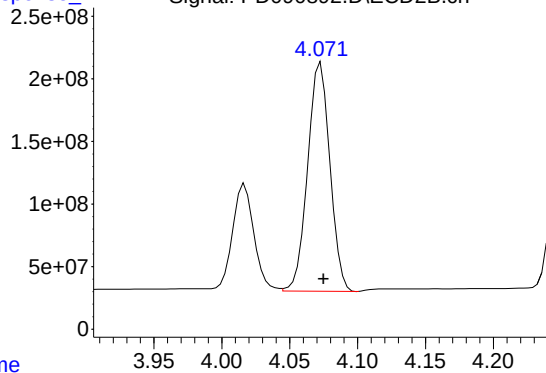
#4 Heptachlor

R.T.: 4.073 min

Delta R.T.: -0.002 min

Response: 2086532515

Conc: 46.78 ng/ml



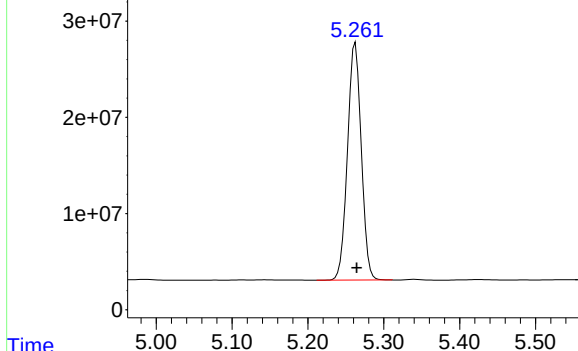
Time

Response_ Signal: PD090892.D\ECD1A.ch

#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 311783550
Conc: 47.62 ng/ml

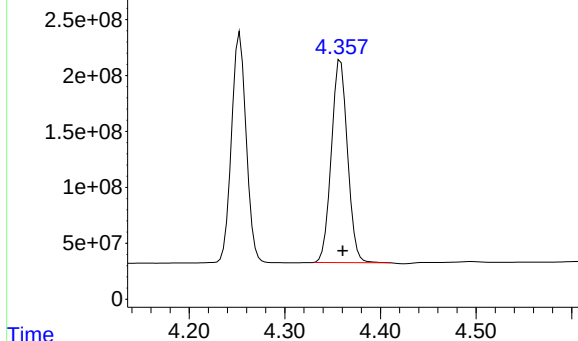
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090892.D\ECD2B.ch

#5 Aldrin

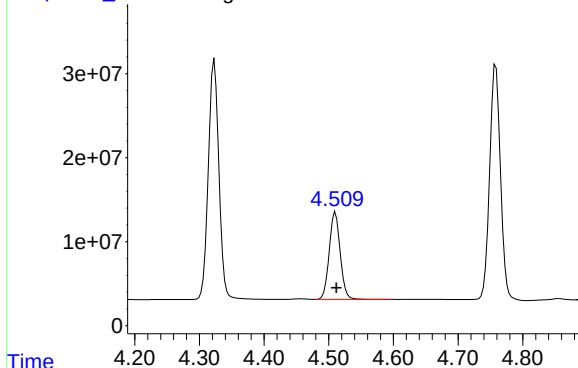
R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2121284560
Conc: 45.80 ng/ml



Time Response_ Signal: PD090892.D\ECD1A.ch

#6 beta-BHC

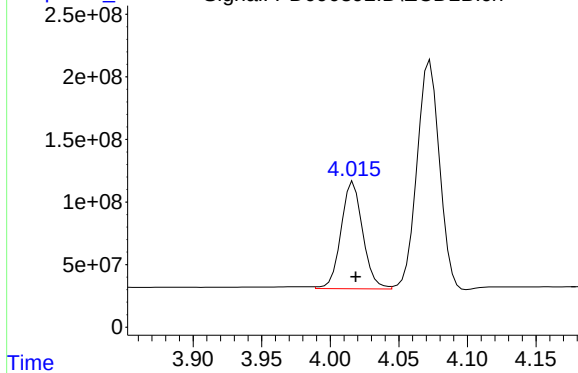
R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 122671986
Conc: 46.83 ng/ml

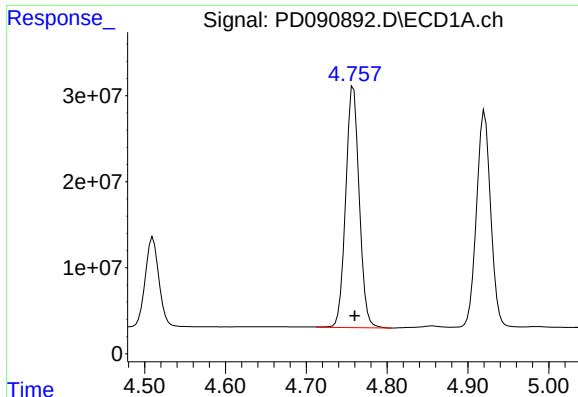


Time Response_ Signal: PD090892.D\ECD2B.ch

#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 941749773
Conc: 47.49 ng/ml

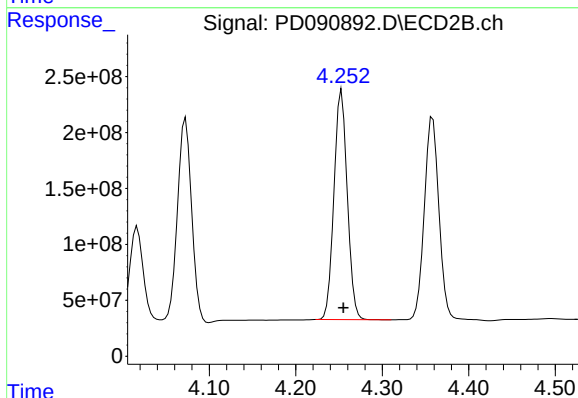




#7 delta-BHC

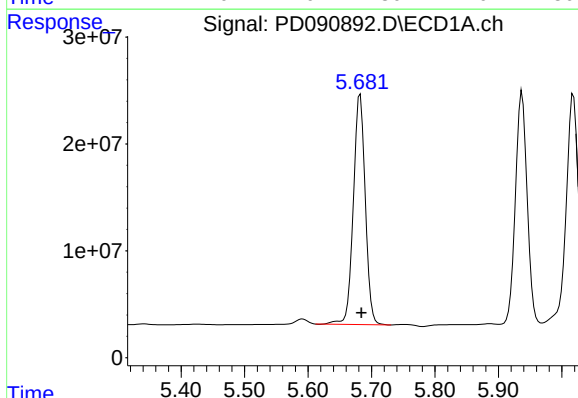
R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 327134613
Conc: 48.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



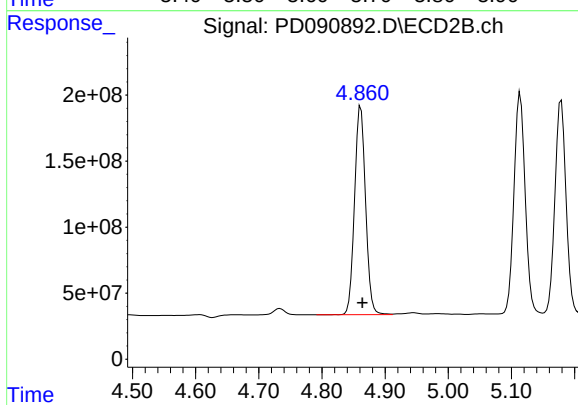
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2188287122
Conc: 45.86 ng/ml



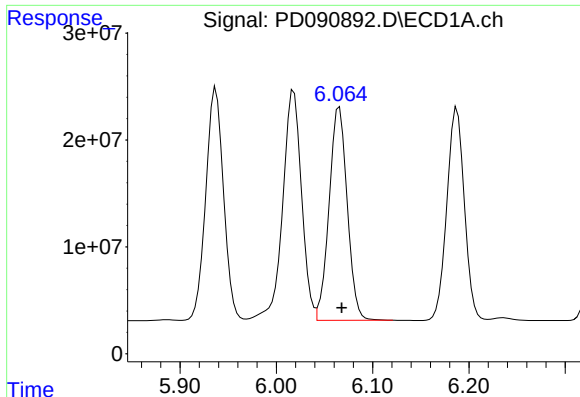
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 281500488
Conc: 48.63 ng/ml



#8 Heptachlor epoxide

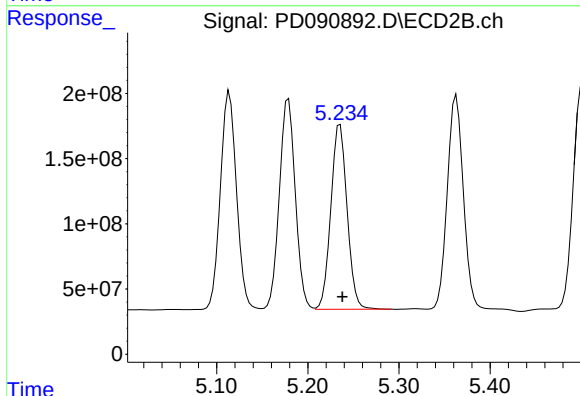
R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 1913236863
Conc: 44.87 ng/ml



#9 Endosulfan I

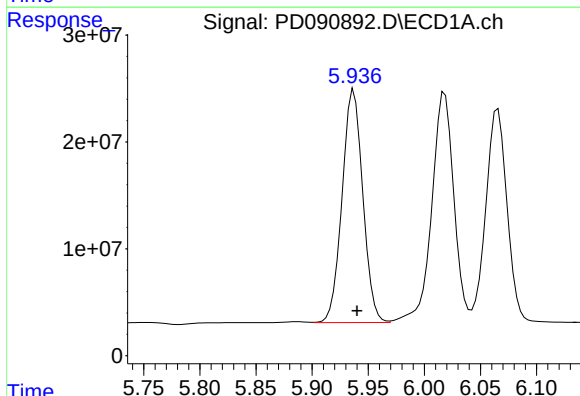
R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 261852814
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



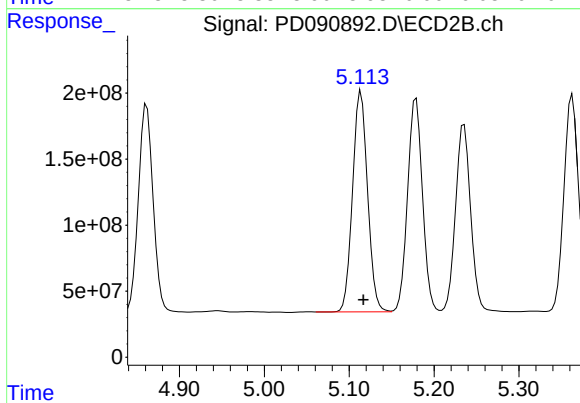
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1755568464
Conc: 44.57 ng/ml



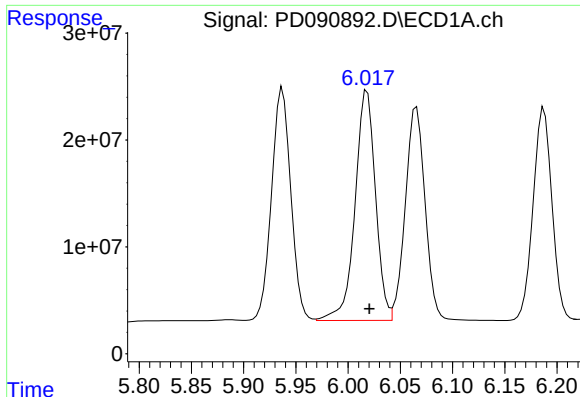
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 279624768
Conc: 47.14 ng/ml



#10 gamma-Chlordane

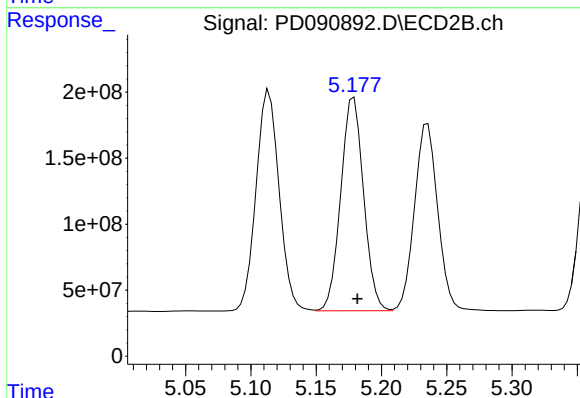
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2053418787
Conc: 45.68 ng/ml



#11 alpha-Chlordane

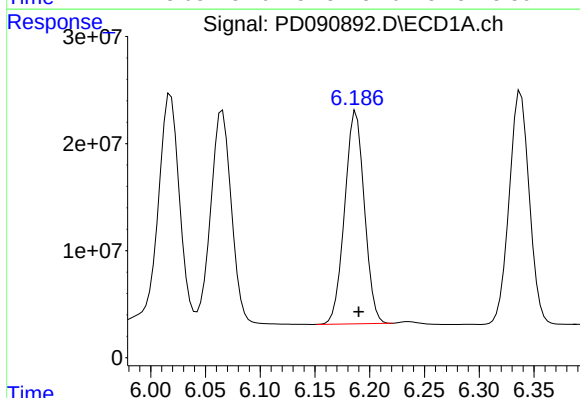
R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 293519063
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



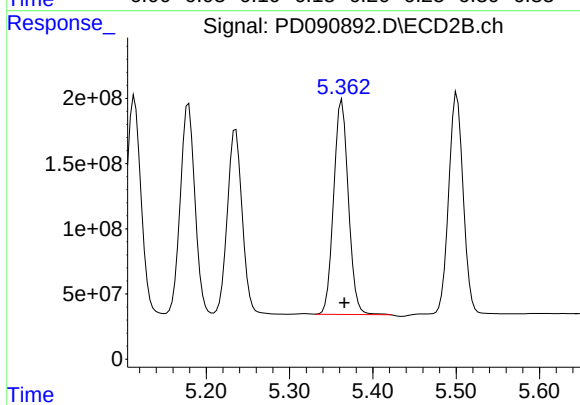
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 1968357132
Conc: 45.63 ng/ml



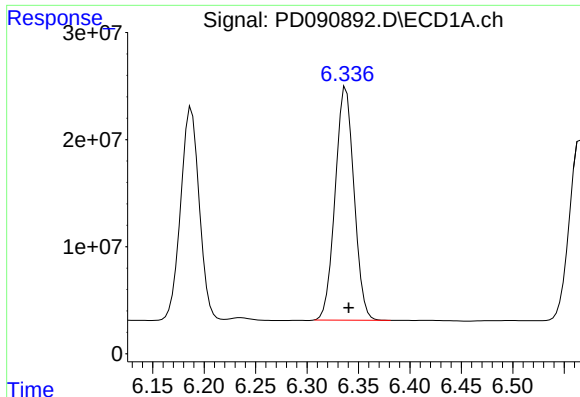
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 248653722
Conc: 46.68 ng/ml



#12 4,4'-DDE

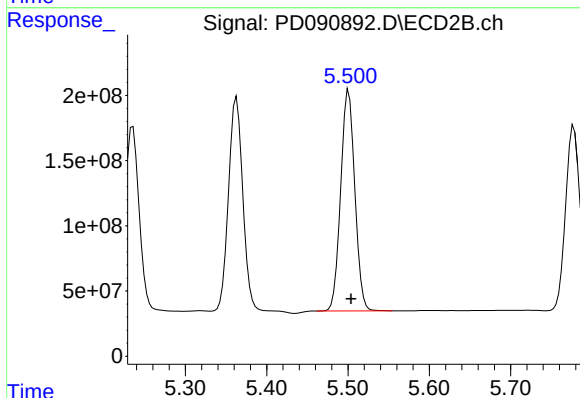
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2022617241
Conc: 46.14 ng/ml



#13 Dieldrin

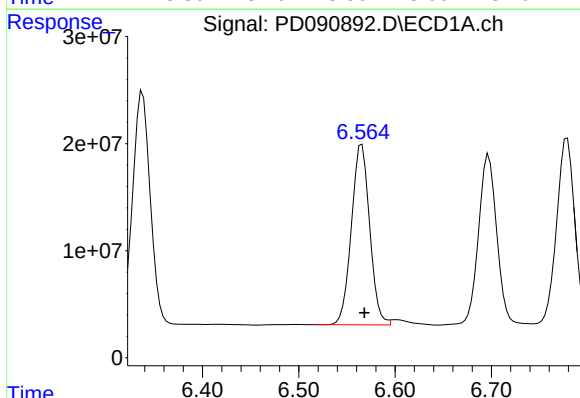
R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 277602773
Conc: 47.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



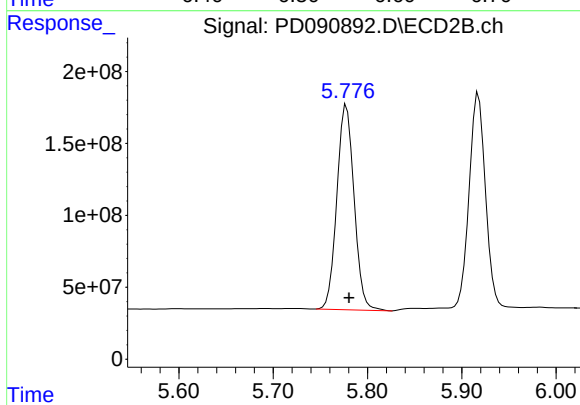
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2043108063
Conc: 46.24 ng/ml



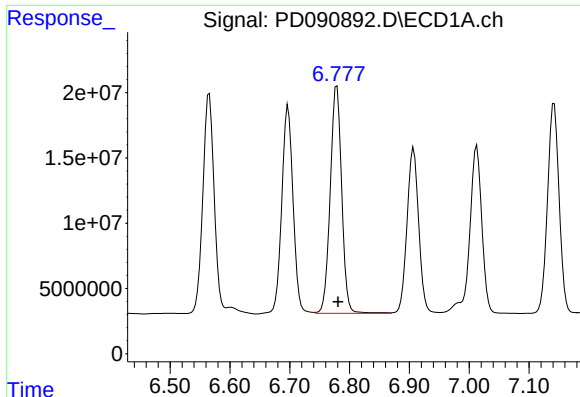
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.003 min
Response: 221907112
Conc: 44.80 ng/ml



#14 Endrin

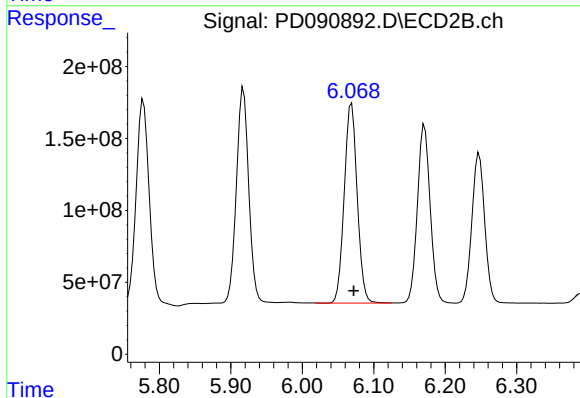
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1810866344
Conc: 44.72 ng/ml



#15 Endosulfan II

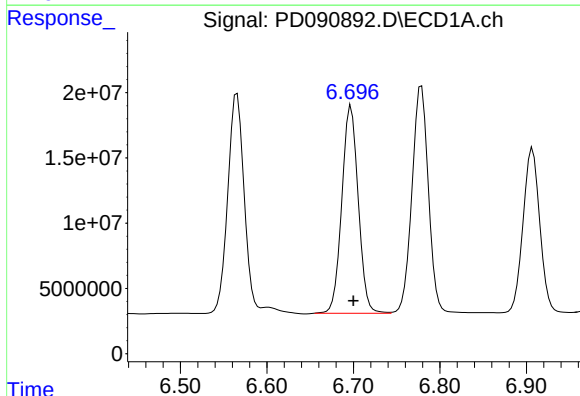
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 232237173
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



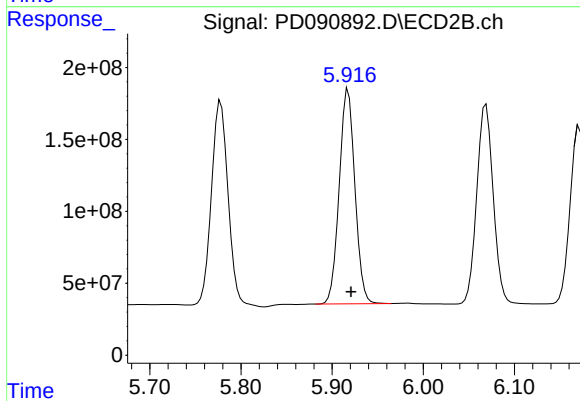
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1748991907
Conc: 46.57 ng/ml



#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.003 min
Response: 208608408
Conc: 51.45 ng/ml

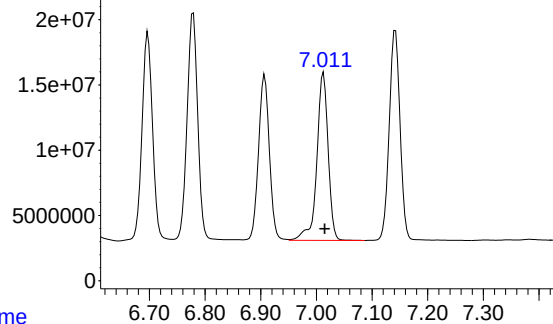


#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1787405438
Conc: 49.05 ng/ml

Response_ Signal: PD090892.D\ECD1A.ch

#17 4,4'-DDT

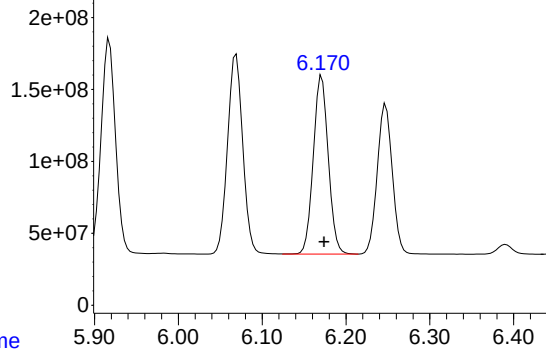


R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 181489941
Conc: 44.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time Response_ Signal: PD090892.D\ECD2B.ch

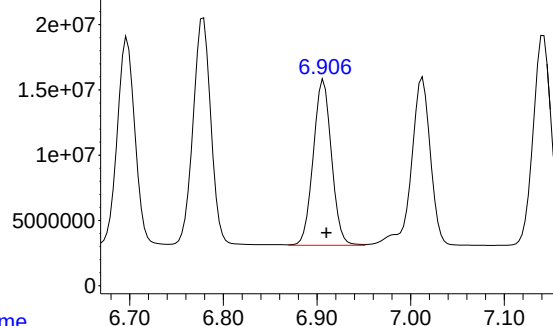
#17 4,4'-DDT



R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1541685010
Conc: 43.96 ng/ml

Time Response_ Signal: PD090892.D\ECD1A.ch

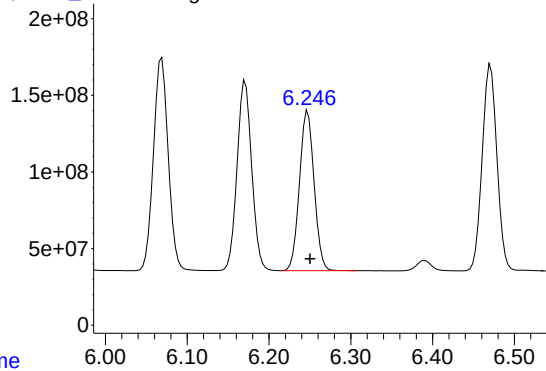
#18 Endrin aldehyde



R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 171838455
Conc: 46.92 ng/ml

Time Response_ Signal: PD090892.D\ECD2B.ch

#18 Endrin aldehyde



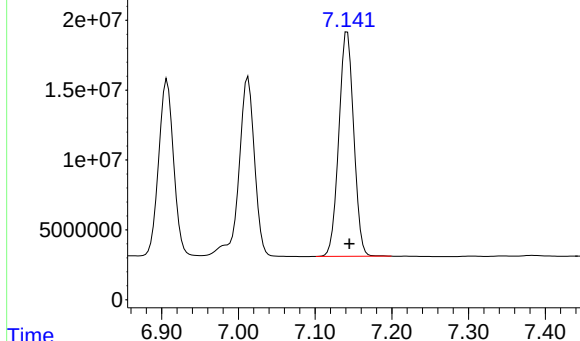
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1297489186
Conc: 46.85 ng/ml

Response_ Signal: PD090892.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 217128464
Conc: 46.81 ng/ml

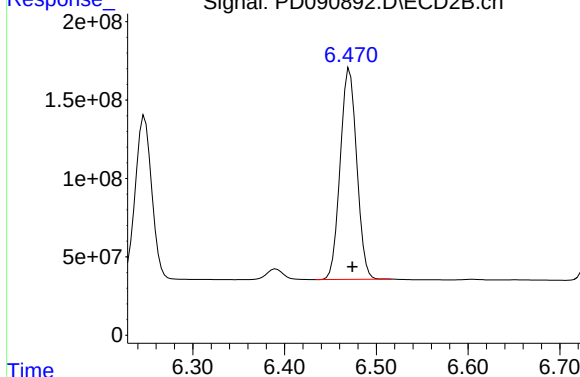
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090892.D\ECD2B.ch

#19 Endosulfan Sulfate

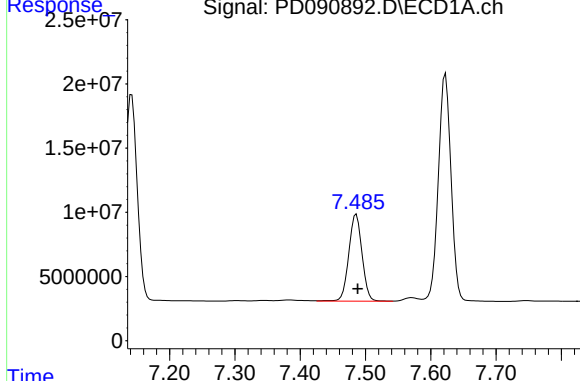
R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1682873457
Conc: 46.95 ng/ml



Time Response_ Signal: PD090892.D\ECD1A.ch

#20 Methoxychlor

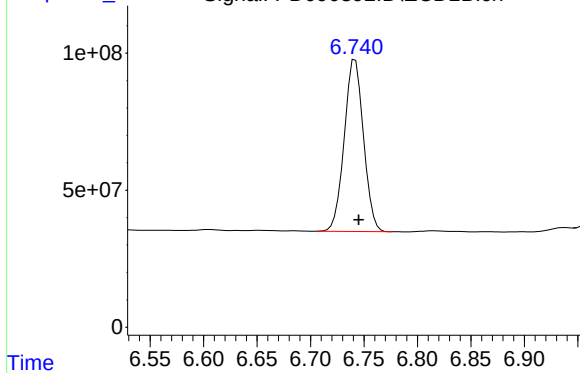
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 95832413
Conc: 45.09 ng/ml

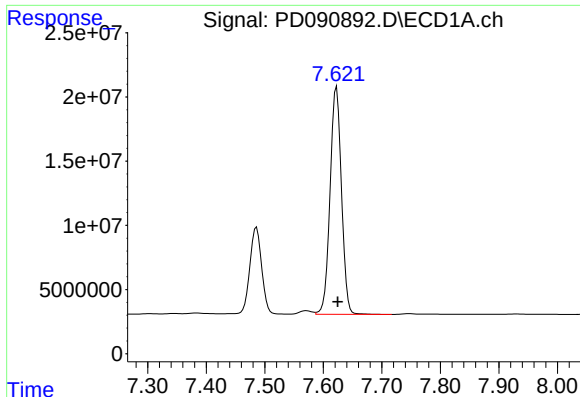


Time Response_ Signal: PD090892.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 785735020
Conc: 45.09 ng/ml

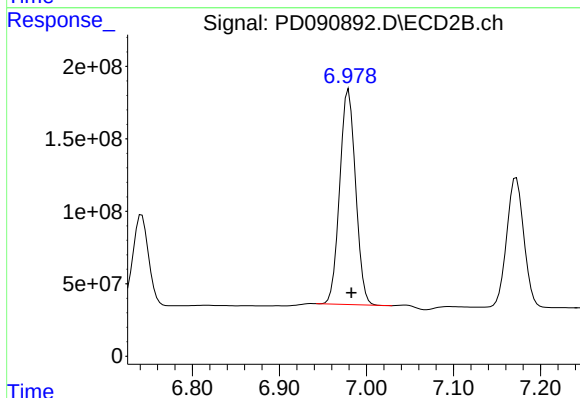




#21 Endrin ketone

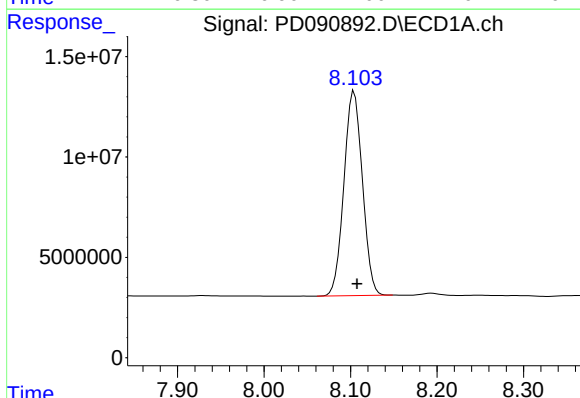
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 239665168
Conc: 49.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



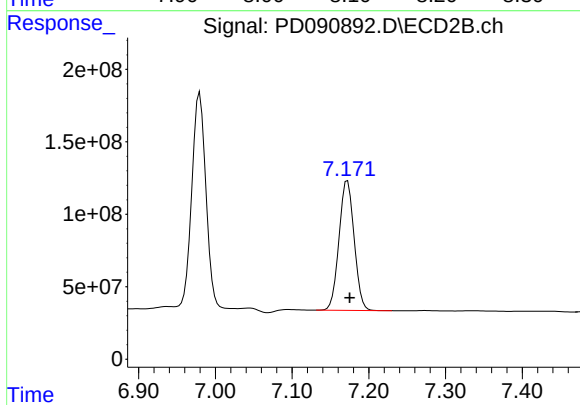
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1881102574
Conc: 49.87 ng/ml



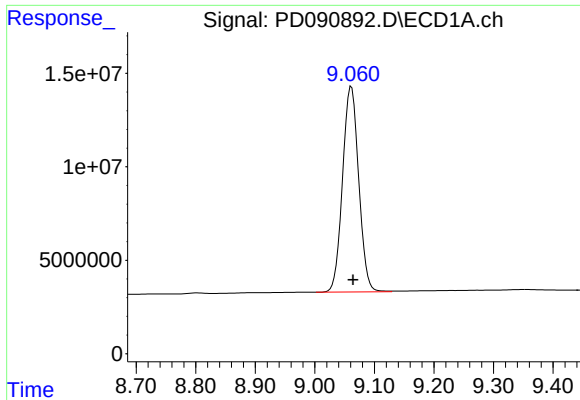
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 150716956
Conc: 47.09 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1227230873
Conc: 47.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min

Delta R.T.: -0.003 min

Response: 207272062

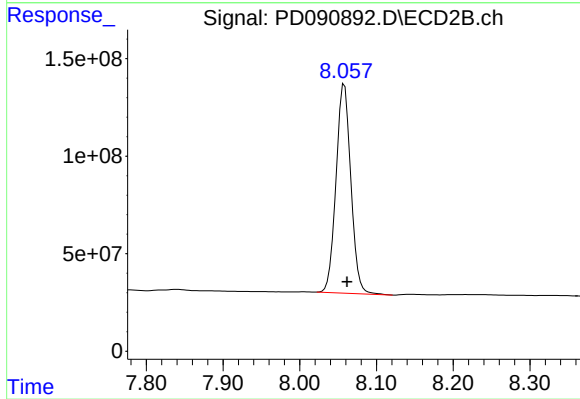
Conc: 44.31 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.058 min

Delta R.T.: -0.004 min

Response: 1439542832

Conc: 47.52 ng/ml



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3447</u>
Continuing Calib Date:	<u>11/05/2025</u>	Initial Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
Continuing Calib Time:	<u>09:47</u>	Initial Calibration Time(s):	<u>11:34</u> <u>12:28</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ROYF02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3447</u>
Continuing Calib Date:	<u>11/05/2025</u>	Initial Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
Continuing Calib Time:	<u>09:47</u>	Initial Calibration Time(s):	<u>11:34</u> <u>12:28</u>

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	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/05/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090961.D **Time Analyzed:** 09:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.064	8.964	9.164	48.070	50.000	-3.9
Endrin	6.567	6.468	6.668	56.110	50.000	12.2
gamma-BHC (Lindane)	4.324	4.225	4.425	55.220	50.000	10.4
Heptachlor	4.922	4.823	5.023	67.540	50.000	35.1
Heptachlor epoxide	5.683	5.584	5.784	57.550	50.000	15.1
Methoxychlor	7.487	7.388	7.588	57.330	50.000	14.7
Tetrachloro-m-xylene	3.544	3.445	3.645	52.690	50.000	5.4



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/05/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090961.D **Time Analyzed:** 09:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.962	8.162	50.830	50.000	1.7
Endrin	5.778	5.681	5.881	54.460	50.000	8.9
gamma-BHC (Lindane)	3.722	3.623	3.823	54.740	50.000	9.5
Heptachlor	4.073	3.975	4.175	57.000	50.000	14.0
Heptachlor epoxide	4.862	4.764	4.964	53.510	50.000	7.0
Methoxychlor	6.743	6.645	6.845	55.570	50.000	11.1
Tetrachloro-m-xylene	2.874	2.775	2.975	54.140	50.000	8.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 09:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:11:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	164.1E6	1612.1E6	52.686	54.138
2)	SA Decachlor...	9.064	8.059	224.9E6	1539.8E6	48.072	50.832
Target Compounds							
2)	A alpha-BHC	3.993	3.386	402.5E6	2811.7E6	56.078	55.029
3)	MA gamma-BHC...	4.324	3.722	375.4E6	2586.3E6	55.220	54.738
4)	MA Heptachlor	4.922	4.073	377.5E6	2542.2E6	67.540	56.996
5)	MB Aldrin	5.264	4.359	360.2E6	2512.1E6	55.019	54.234
6)	B beta-BHC	4.511	4.017	139.1E6	1064.1E6	53.108	53.663
7)	B delta-BHC	4.759	4.254	378.8E6	2614.7E6	56.024	54.797
8)	B Heptachlo...	5.683	4.862	333.2E6	2281.5E6	57.549	53.507
9)	A Endosulfan I	6.067	5.236	303.9E6	2062.6E6	54.882	52.363
10)	B gamma-Chl...	5.939	5.115	318.5E6	2429.0E6	53.699	54.038
11)	B alpha-Chl...	6.020	5.180	352.3E6	2331.4E6	57.008	54.047
12)	B 4,4'-DDE	6.189	5.364	286.2E6	2388.4E6	53.724	54.481
13)	MA Dieldrin	6.340	5.502	325.1E6	2409.8E6	55.743	54.541
14)	MA Endrin	6.567	5.778	277.9E6	2205.4E6	56.108	54.463
15)	B Endosulfa...	6.780	6.070	277.6E6	2065.5E6	55.516	54.998
16)	A 4,4'-DDD	6.699	5.918	234.3E6	2020.8E6	57.786	55.457
17)	MA 4,4'-DDT	7.015	6.172	242.8E6	2048.9E6	59.069	58.419
18)	B Endrin al...	6.909	6.248	202.6E6	1532.2E6	55.317	55.329
19)	B Endosulfa...	7.144	6.472	247.9E6	1918.8E6	53.445	53.531
20)	A Methoxychlor	7.487	6.743	121.9E6	968.4E6	57.331	55.566
21)	B Endrin ke...	7.624	6.980	258.2E6	1963.6E6	53.148	52.060
22)	Mirex	8.107	7.173	163.8E6	1316.2E6	51.176	51.233

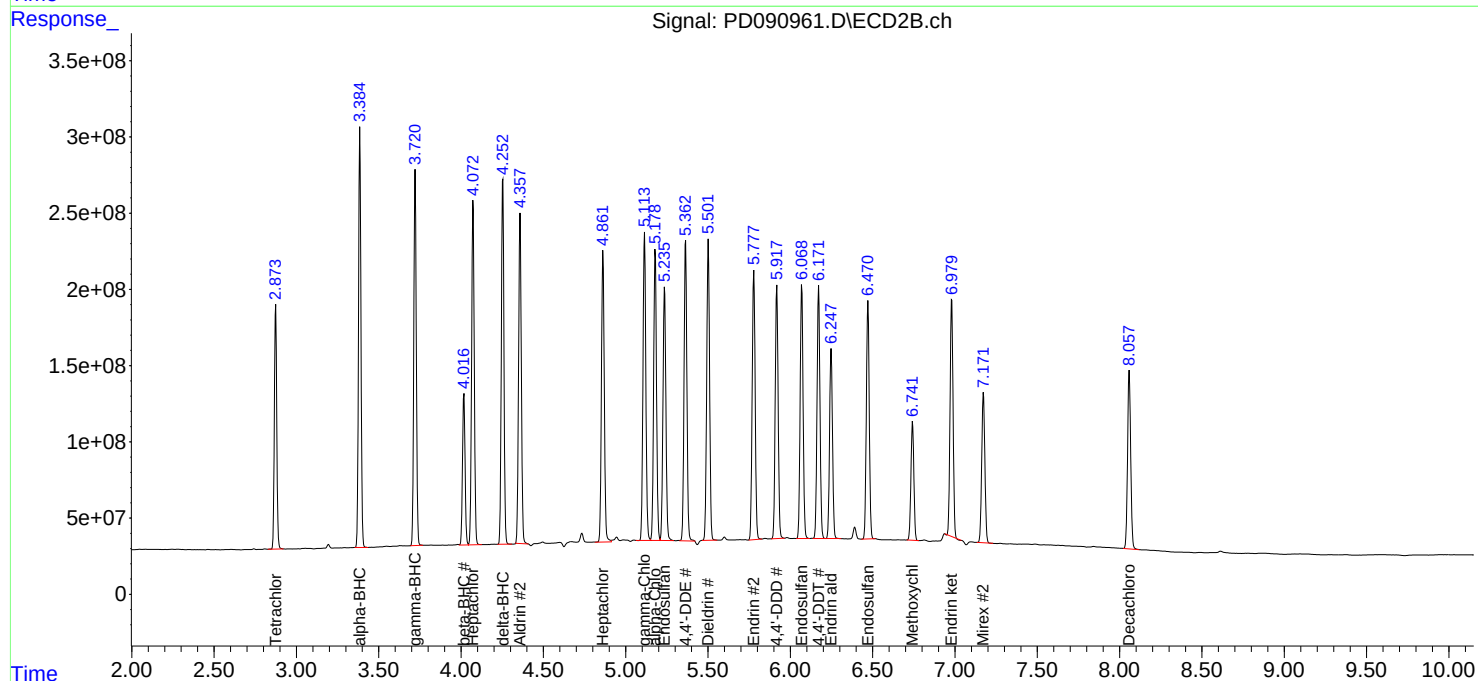
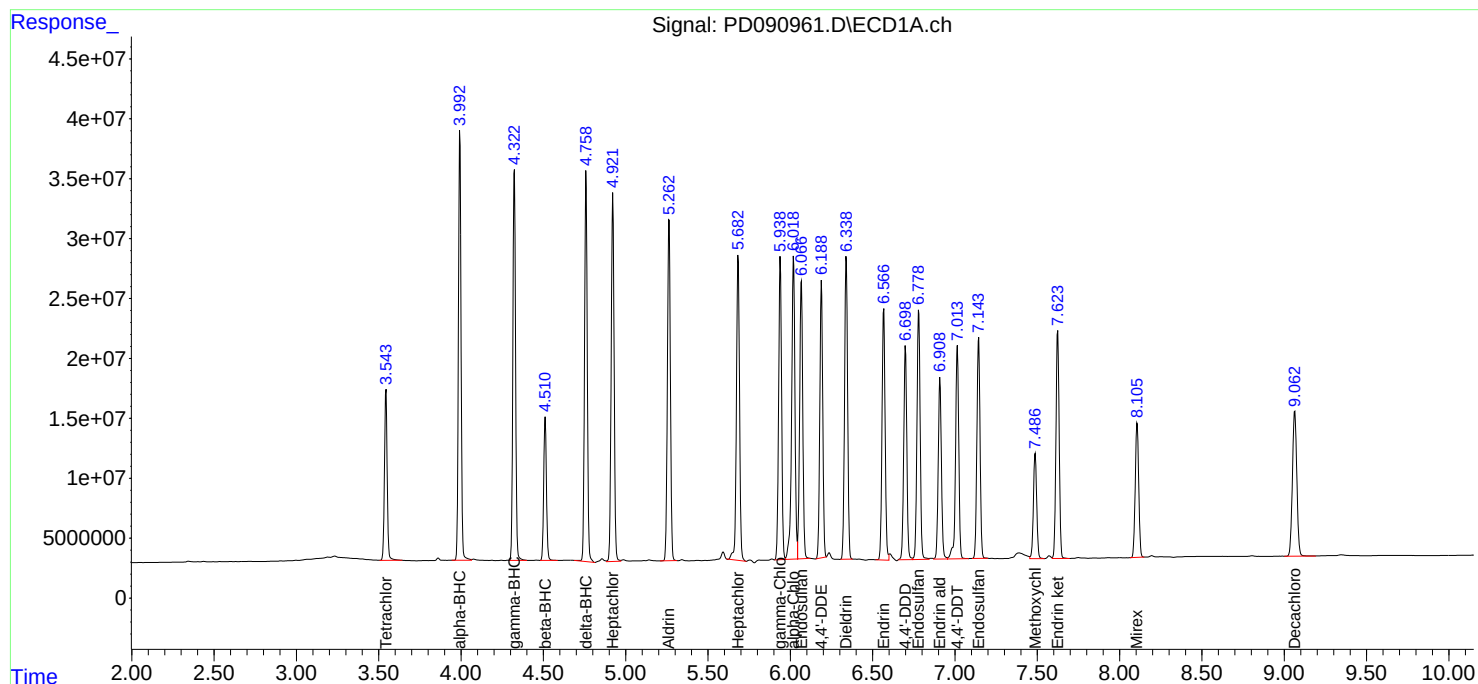
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

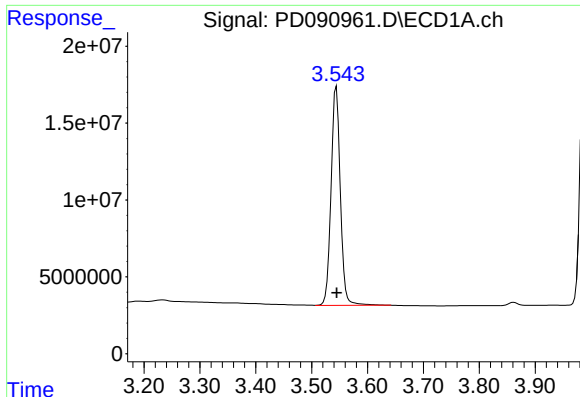
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

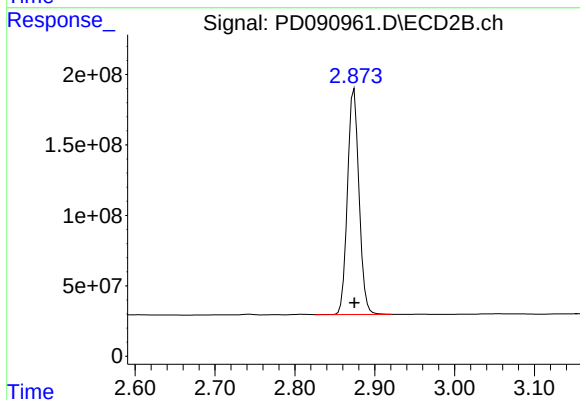




#1 Tetrachloro-m-xylene

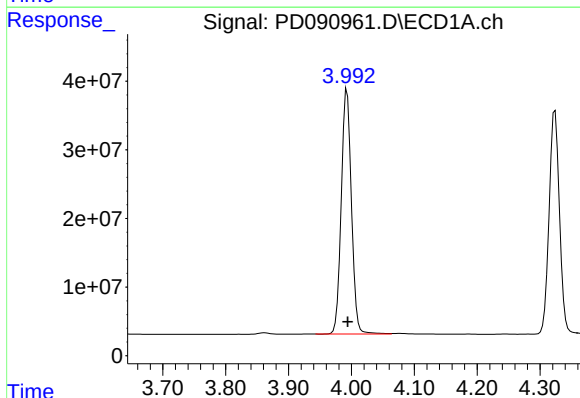
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 164073604
Conc: 52.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



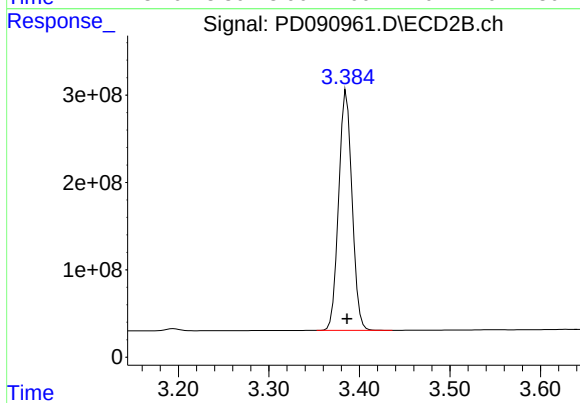
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1612066442
Conc: 54.14 ng/ml



#2 alpha-BHC

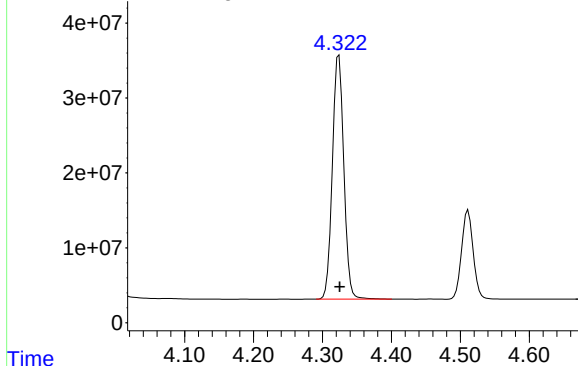
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 402479486
Conc: 56.08 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2811737540
Conc: 55.03 ng/ml

Response_ Signal: PD090961.D\ECD1A.ch

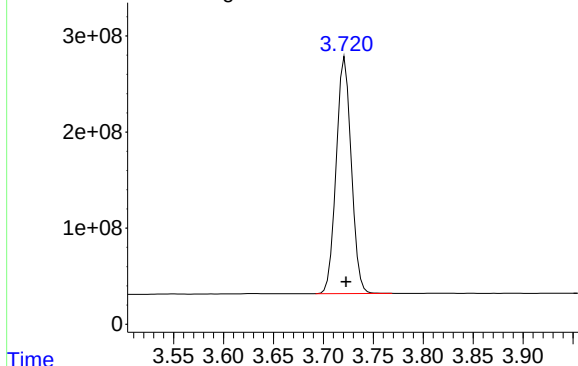


#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 375428609
Conc: 55.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

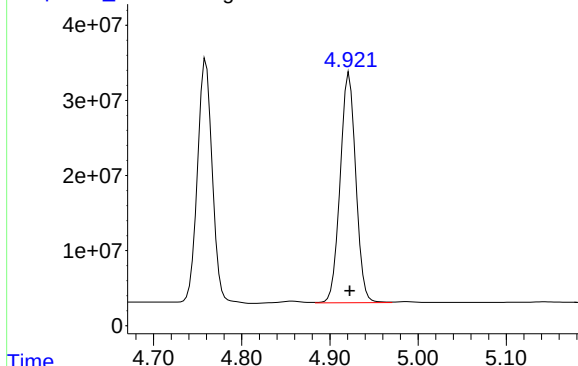
Time Response_ Signal: PD090961.D\ECD2B.ch



#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2586305835
Conc: 54.74 ng/ml

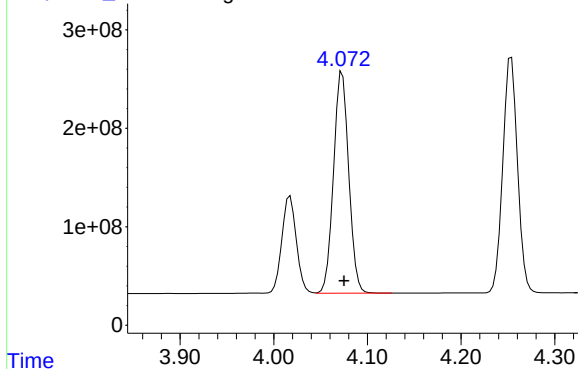
Time Response_ Signal: PD090961.D\ECD1A.ch



#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 377516047
Conc: 67.54 ng/ml

Time Response_ Signal: PD090961.D\ECD2B.ch



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2542175070
Conc: 57.00 ng/ml

Response_ Signal: PD090961.D\ECD1A.ch

#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 360222824
Conc: 55.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_ Signal: PD090961.D\ECD2B.ch

#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2512072649
Conc: 54.23 ng/ml

Time

Response_ Signal: PD090961.D\ECD1A.ch

#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 139123101
Conc: 53.11 ng/ml

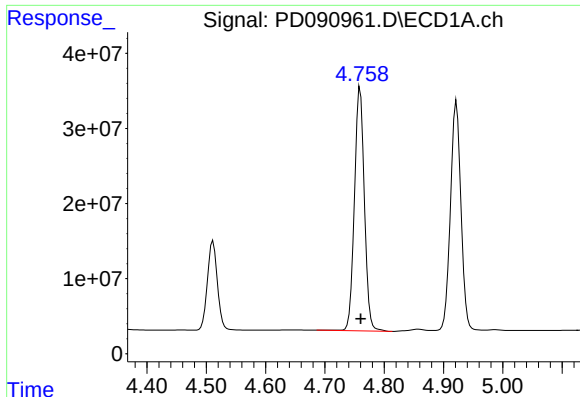
Time

Response_ Signal: PD090961.D\ECD2B.ch

#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 1064110941
Conc: 53.66 ng/ml

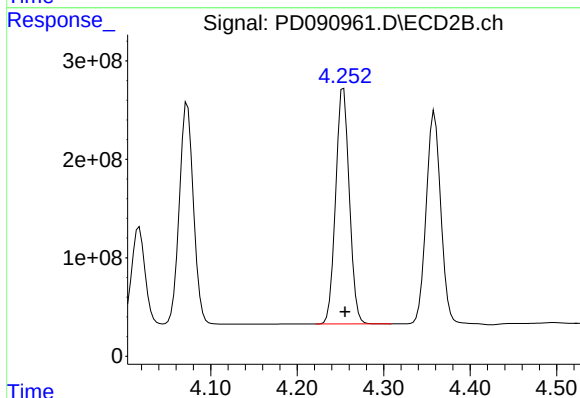
Time



#7 delta-BHC

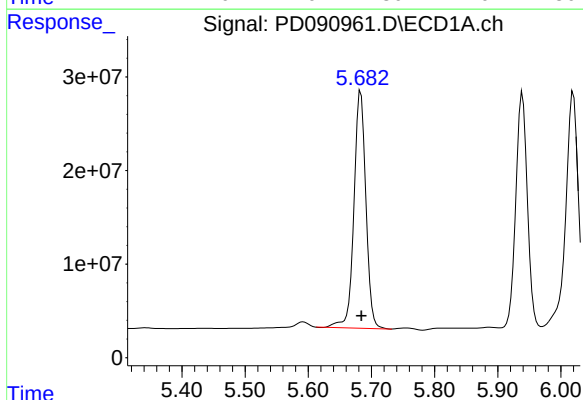
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 378815517
Conc: 56.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



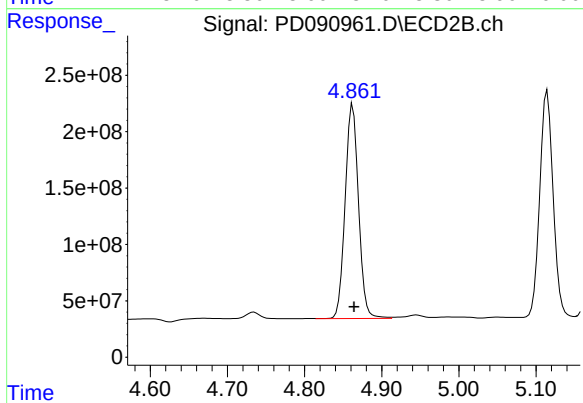
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2614741393
Conc: 54.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 333156455
Conc: 57.55 ng/ml



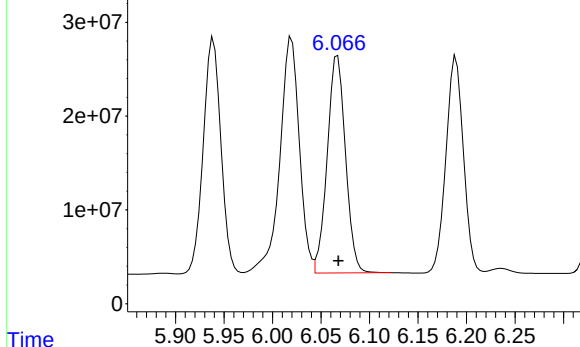
#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2281499146
Conc: 53.51 ng/ml

Response_

Signal: PD090961.D\ECD1A.ch

#9 Endosulfan I



R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 303860863
Conc: 54.88 ng/ml

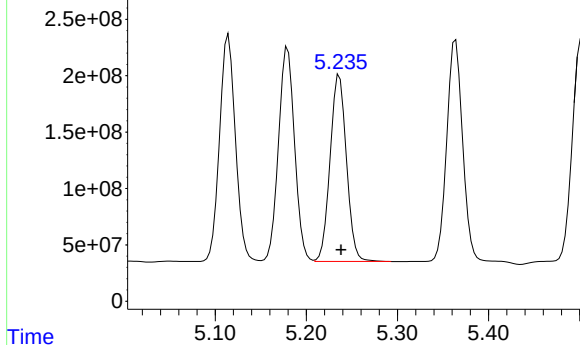
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_

Signal: PD090961.D\ECD2B.ch

#9 Endosulfan I



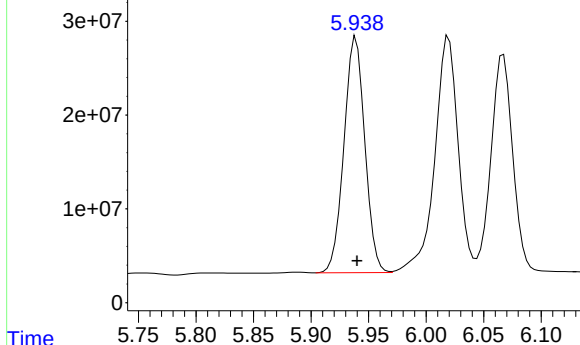
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 2062605365
Conc: 52.36 ng/ml

Time

Response_

Signal: PD090961.D\ECD1A.ch

#10 gamma-Chlordane



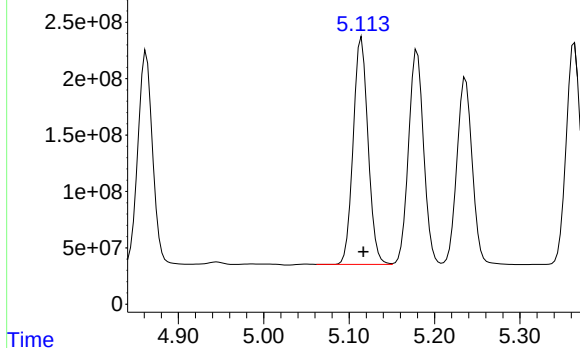
R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 318498634
Conc: 53.70 ng/ml

Time

Response_

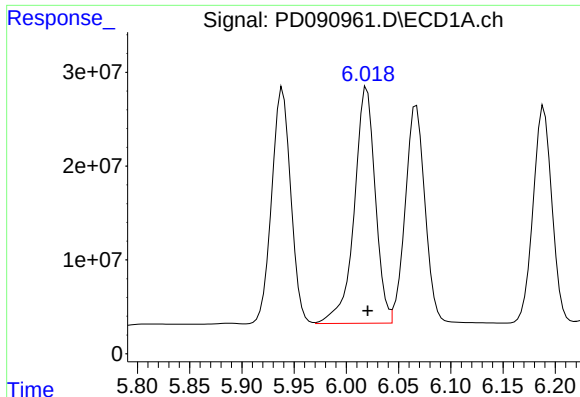
Signal: PD090961.D\ECD2B.ch

#10 gamma-Chlordane



R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2428963556
Conc: 54.04 ng/ml

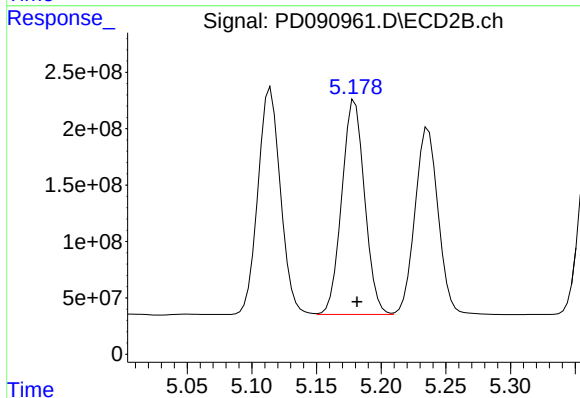
Time



#11 alpha-Chlordane

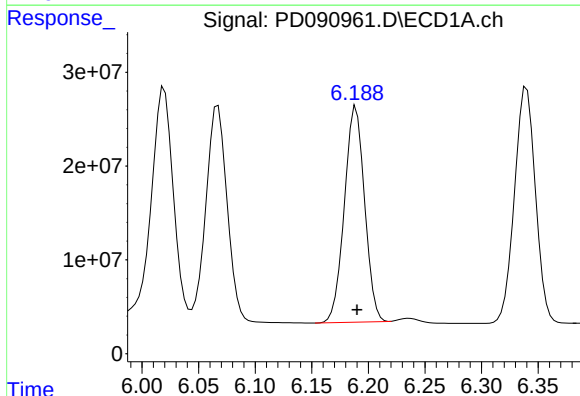
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 352322594
Conc: 57.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



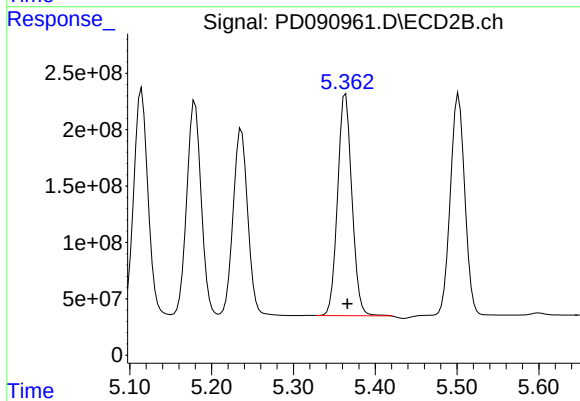
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2331449455
Conc: 54.05 ng/ml



#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 286168291
Conc: 53.72 ng/ml

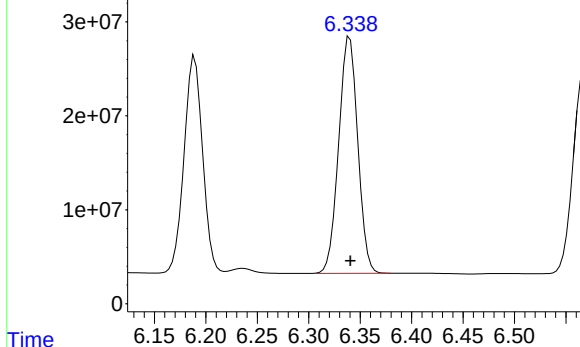


#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2388351498
Conc: 54.48 ng/ml

Response_ Signal: PD090961.D\ECD1A.ch

#13 Dieldrin

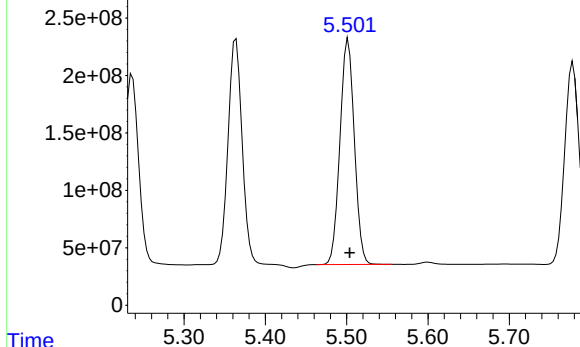


R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 325054966
Conc: 55.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time Response_ Signal: PD090961.D\ECD2B.ch

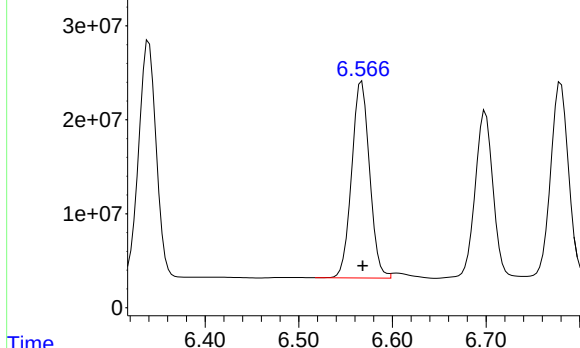
#13 Dieldrin



R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2409832048
Conc: 54.54 ng/ml

Time Response_ Signal: PD090961.D\ECD1A.ch

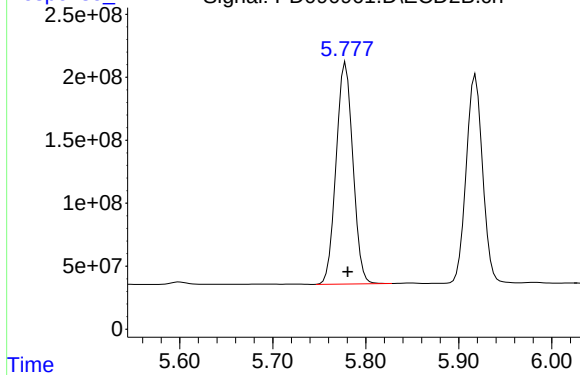
#14 Endrin



R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 277941436
Conc: 56.11 ng/ml

Time Response_ Signal: PD090961.D\ECD2B.ch

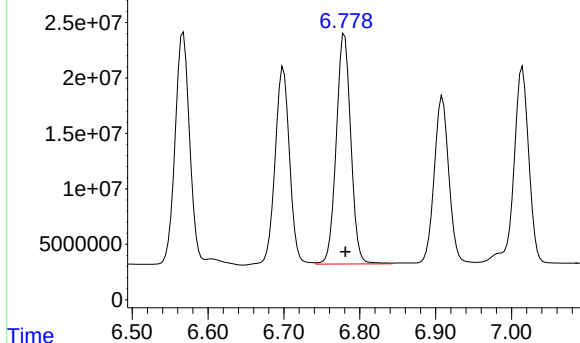
#14 Endrin



R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2205405501
Conc: 54.46 ng/ml

Response_ Signal: PD090961.D\ECD1A.ch

#15 Endosulfan II

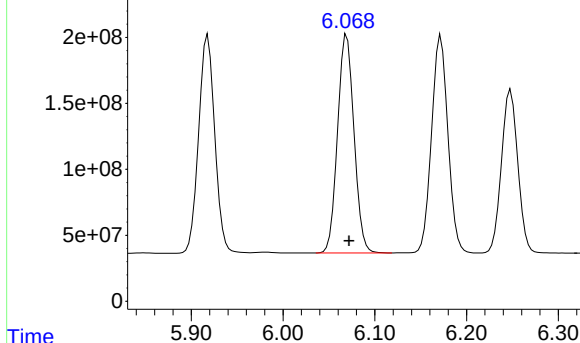


R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 277579252
Conc: 55.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time Response_ Signal: PD090961.D\ECD2B.ch

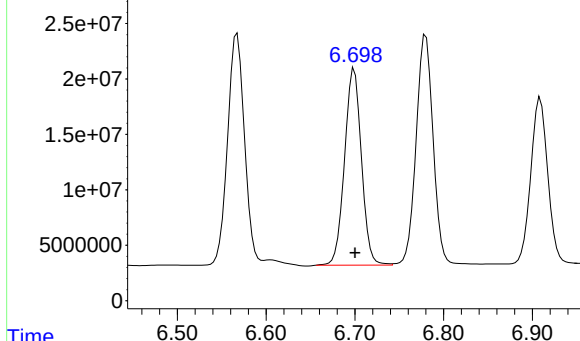
#15 Endosulfan II



R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 2065484933
Conc: 55.00 ng/ml

Time Response_ Signal: PD090961.D\ECD1A.ch

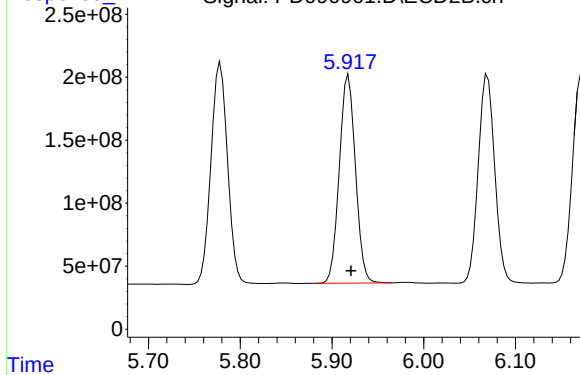
#16 4,4'-DDD



R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 234276830
Conc: 57.79 ng/ml

Time Response_ Signal: PD090961.D\ECD2B.ch

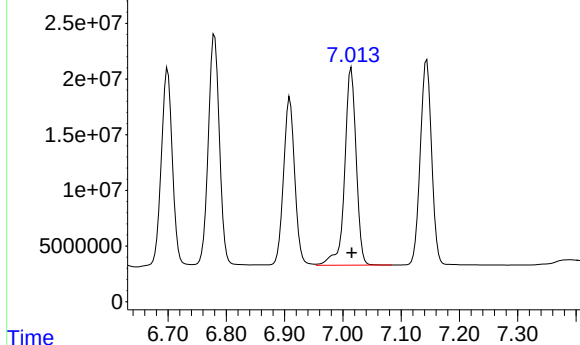
#16 4,4'-DDD



R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 2020752905
Conc: 55.46 ng/ml

Response_ Signal: PD090961.D\ECD1A.ch

#17 4,4'-DDT

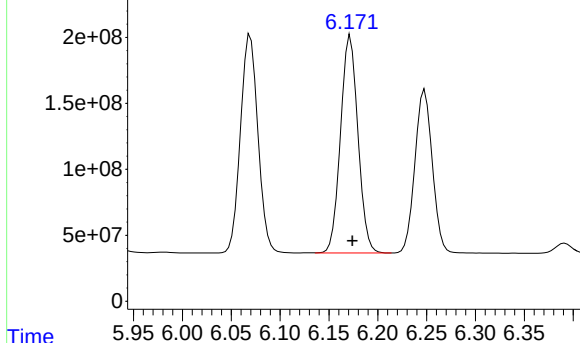


R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 242802653
Conc: 59.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time Response_ Signal: PD090961.D\ECD2B.ch

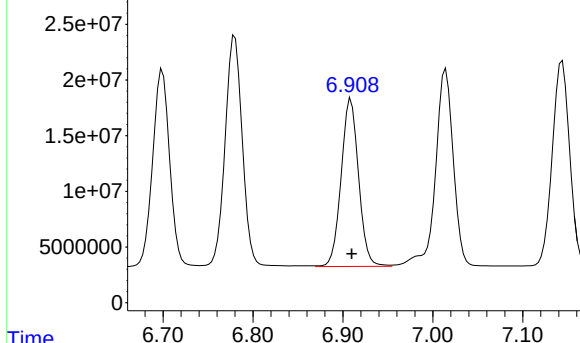
#17 4,4'-DDT



R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 2048938688
Conc: 58.42 ng/ml

Time Response_ Signal: PD090961.D\ECD1A.ch

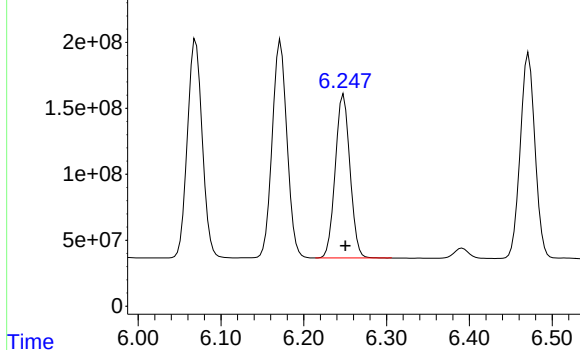
#18 Endrin aldehyde



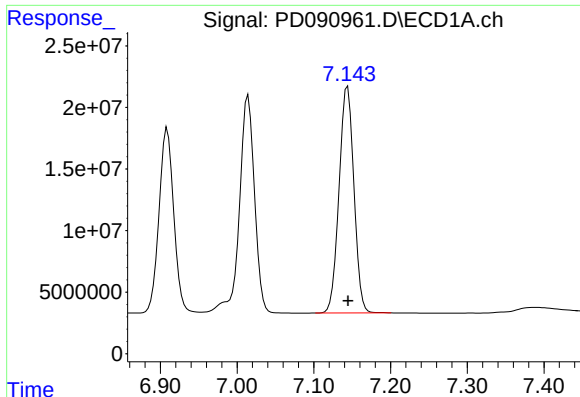
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 202608251
Conc: 55.32 ng/ml

Time Response_ Signal: PD090961.D\ECD2B.ch

#18 Endrin aldehyde



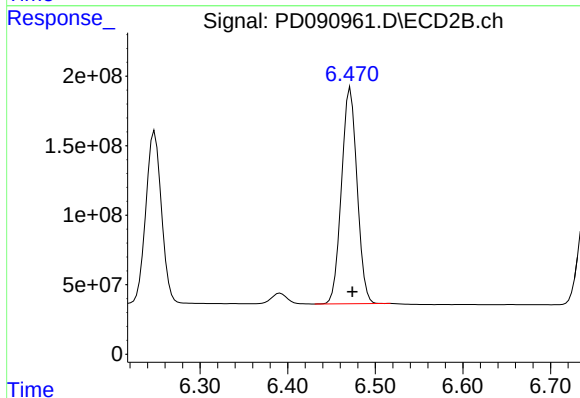
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1532221436
Conc: 55.33 ng/ml



#19 Endosulfan Sulfate

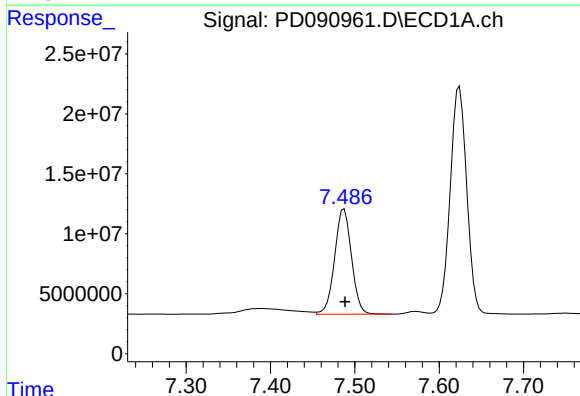
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 247890212
Conc: 53.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



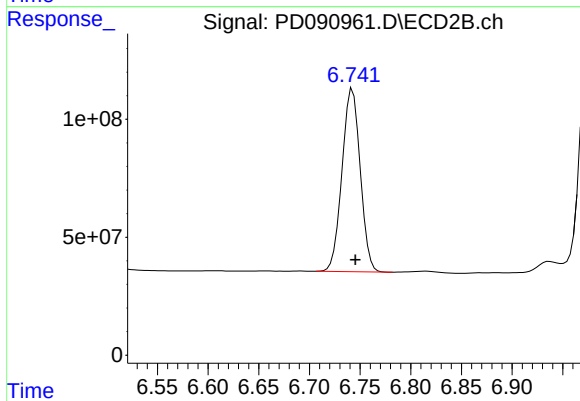
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1918825200
Conc: 53.53 ng/ml



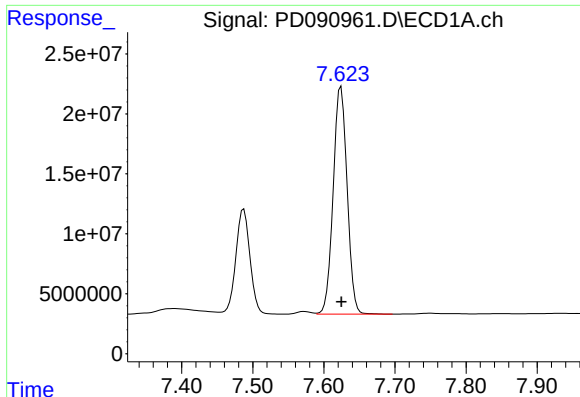
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 121861078
Conc: 57.33 ng/ml



#20 Methoxychlor

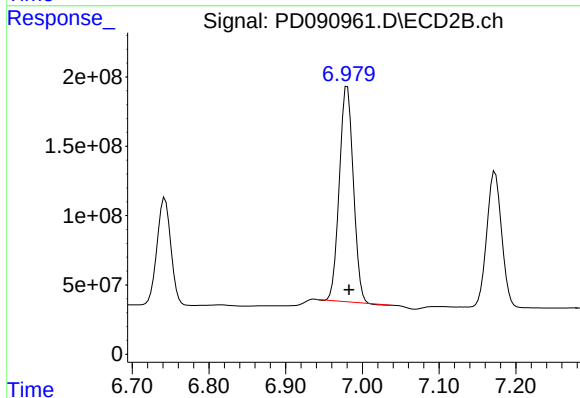
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 968393809
Conc: 55.57 ng/ml



#21 Endrin ketone

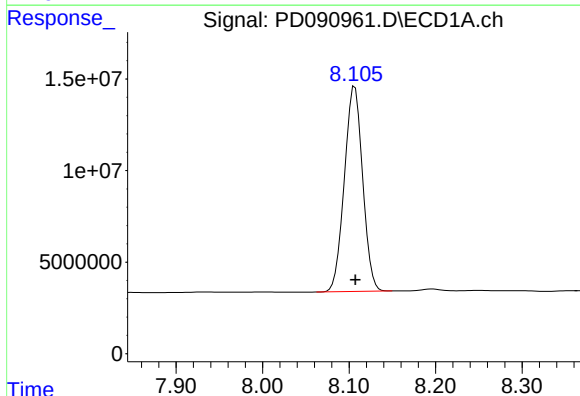
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 258237954
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



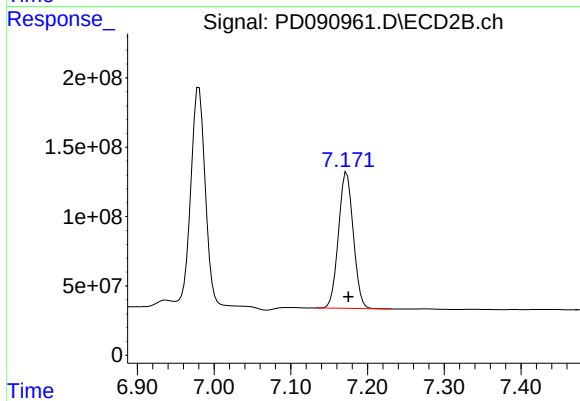
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 1963600719
Conc: 52.06 ng/ml



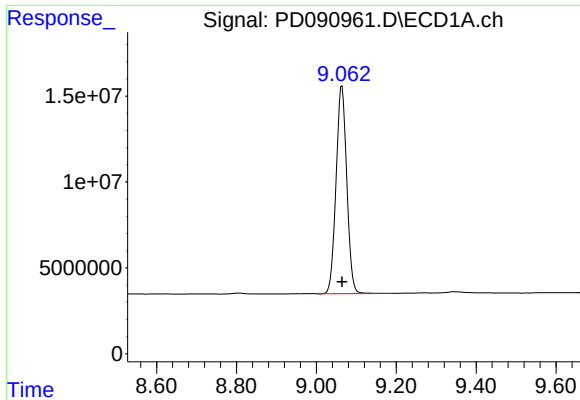
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 163806550
Conc: 51.18 ng/ml



#22 Mirex

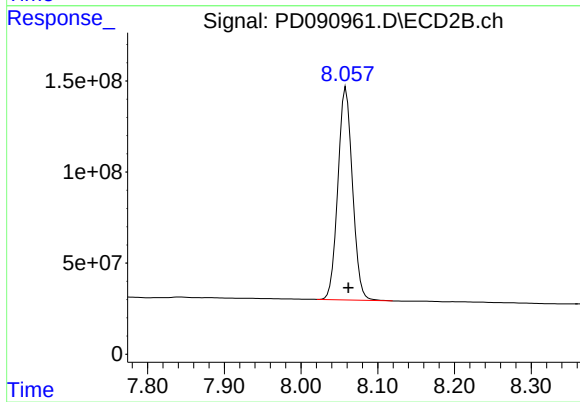
R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 1316219392
Conc: 51.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 224876748
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 1539756861
Conc: 50.83 ng/ml



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 11:47

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 11:47

Initial Calibration Time(s): 11:34 12:28

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	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/05/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090969.D **Time Analyzed:** 11:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.065	8.964	9.164	48.090	50.000	-3.8
Endrin	6.567	6.468	6.668	55.650	50.000	11.3
gamma-BHC (Lindane)	4.324	4.225	4.425	55.720	50.000	11.4
Heptachlor	4.922	4.823	5.023	67.980	50.000	36.0
Heptachlor epoxide	5.683	5.584	5.784	56.010	50.000	12.0
Methoxychlor	7.488	7.388	7.588	58.730	50.000	17.5
Tetrachloro-m-xylene	3.544	3.445	3.645	53.450	50.000	6.9



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **SDG NO.:** Q3447
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/05/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090969.D **Time Analyzed:** 11:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.962	8.162	50.210	50.000	0.4
Endrin	5.779	5.681	5.881	53.940	50.000	7.9
gamma-BHC (Lindane)	3.722	3.623	3.823	55.090	50.000	10.2
Heptachlor	4.073	3.975	4.175	57.640	50.000	15.3
Heptachlor epoxide	4.862	4.764	4.964	53.060	50.000	6.1
Methoxychlor	6.743	6.645	6.845	54.820	50.000	9.6
Tetrachloro-m-xylene	2.875	2.775	2.975	54.620	50.000	9.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 11:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.875	166.5E6	1626.5E6	53.453	54.624
2)	SA Decachlor...	9.065	8.059	225.0E6	1521.0E6	48.091	50.213
Target Compounds							
2)	A alpha-BHC	3.994	3.386	406.1E6	2834.4E6	56.584	55.472
3)	MA gamma-BHC...	4.324	3.722	378.8E6	2603.1E6	55.719	55.093
4)	MA Heptachlor	4.922	4.073	380.0E6	2570.9E6	67.984	57.641
5)	MB Aldrin	5.263	4.359	360.9E6	2519.0E6	55.116	54.384
6)	B beta-BHC	4.511	4.018	140.7E6	1068.9E6	53.714	53.906
7)	B delta-BHC	4.760	4.254	375.7E6	2598.2E6	55.565	54.450
8)	B Heptachlo...	5.683	4.862	324.3E6	2262.6E6	56.012	53.063
9)	A Endosulfan I	6.067	5.236	301.9E6	2039.8E6	54.520	51.784
10)	B gamma-Chl...	5.939	5.115	319.2E6	2413.7E6	53.813	53.698
11)	B alpha-Chl...	6.020	5.179	335.0E6	2304.5E6	54.203	53.421
12)	B 4,4'-DDE	6.190	5.364	287.4E6	2368.2E6	53.955	54.022
13)	MA Dieldrin	6.340	5.502	323.2E6	2377.3E6	55.427	53.805
14)	MA Endrin	6.567	5.779	275.7E6	2184.3E6	55.654	53.942
15)	B Endosulfa...	6.780	6.070	276.7E6	2020.7E6	55.331	53.806
16)	A 4,4'-DDD	6.699	5.918	237.7E6	1998.6E6	58.641	54.849
17)	MA 4,4'-DDT	7.016	6.172	238.6E6	1938.9E6	58.044	55.282
18)	B Endrin al...	6.910	6.248	196.7E6	1446.6E6	53.697	52.239
19)	B Endosulfa...	7.144	6.472	250.2E6	1915.2E6	53.948	53.431
20)	A Methoxychlor	7.488	6.743	124.8E6	955.5E6	58.725	54.824
21)	B Endrin ke...	7.625	6.981	264.2E6	1936.8E6	54.380	51.351
22)	Mirex	8.107	7.174	165.1E6	1313.4E6	51.568	51.121

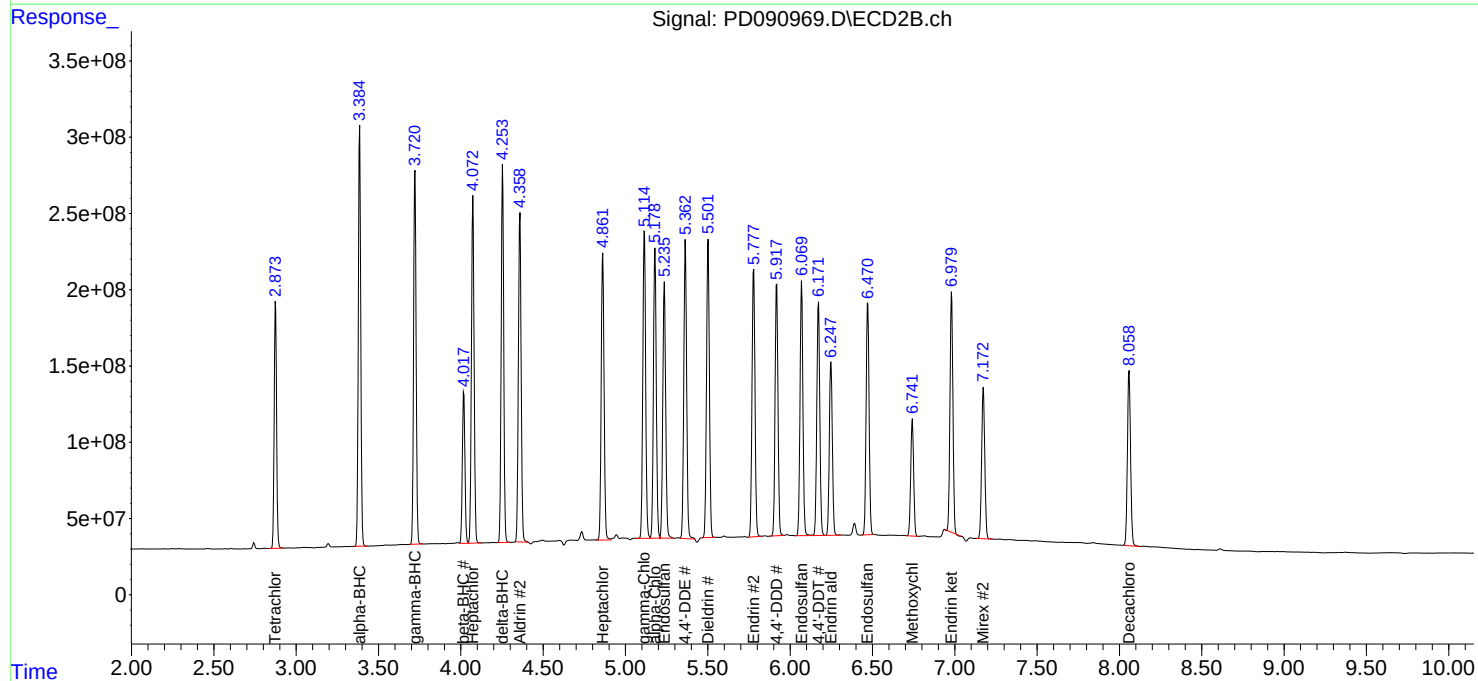
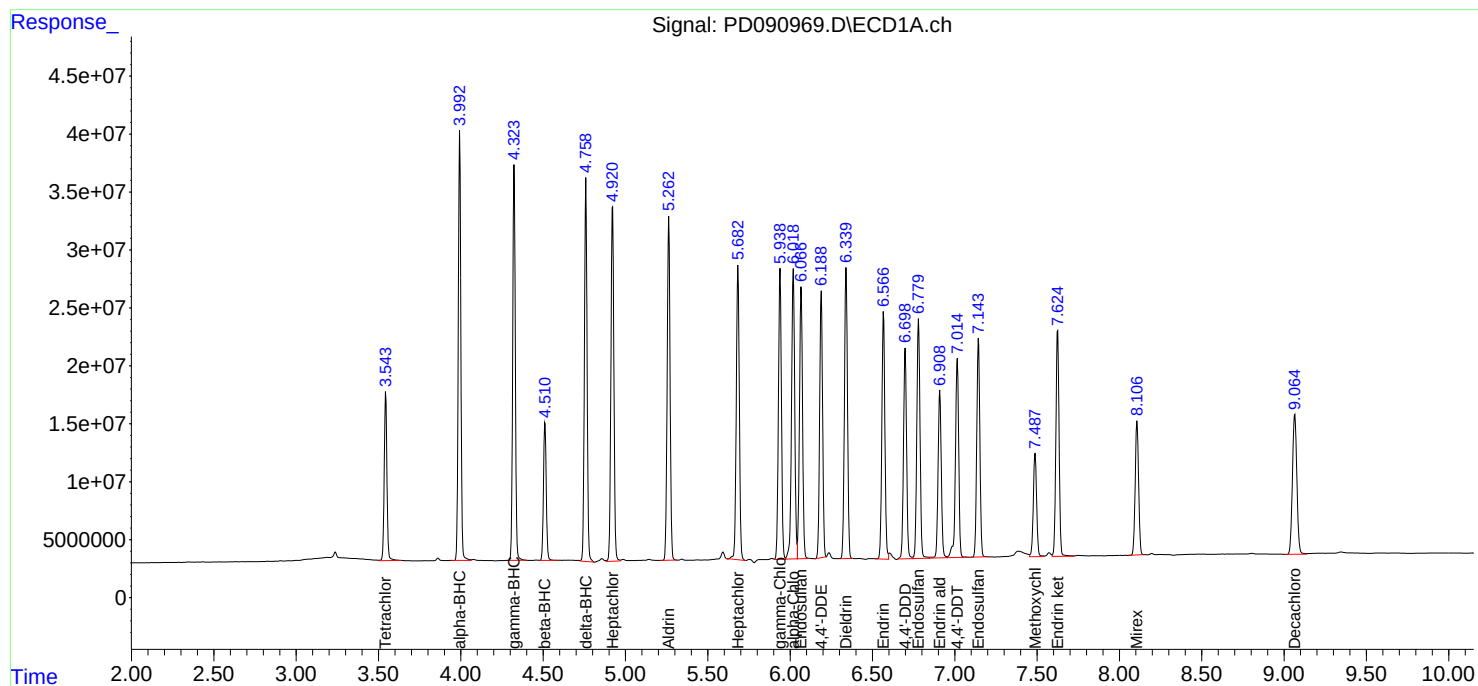
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

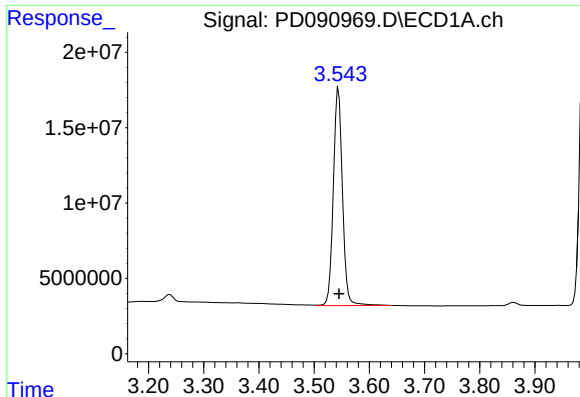
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090969.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

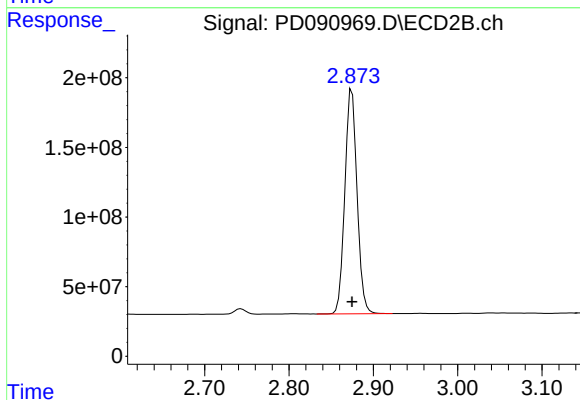




#1 Tetrachloro-m-xylene

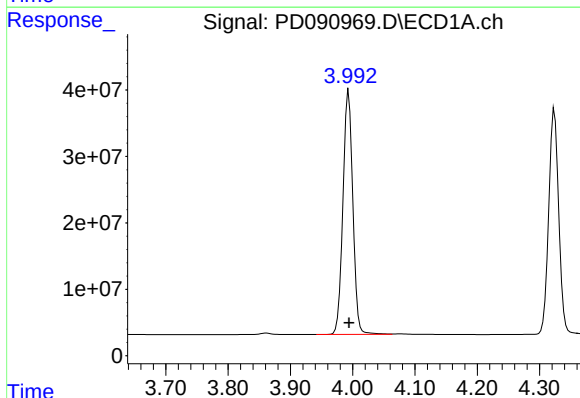
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 166462175
Conc: 53.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



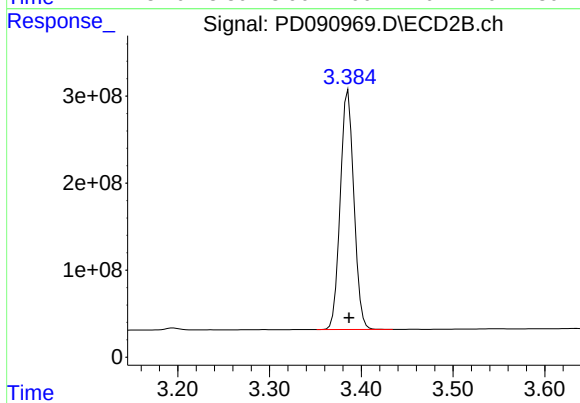
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1626545534
Conc: 54.62 ng/ml



#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 406113630
Conc: 56.58 ng/ml



#2 alpha-BHC

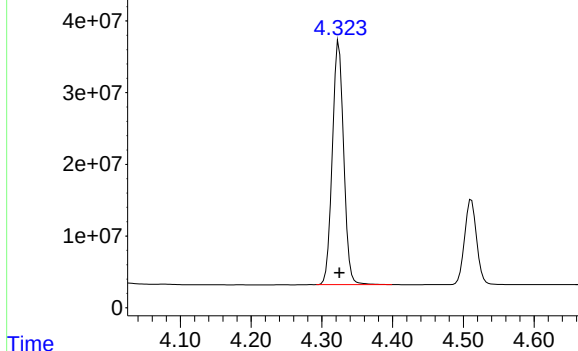
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2834363923
Conc: 55.47 ng/ml

Response_ Signal: PD090969.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 378822280
Conc: 55.72 ng/ml

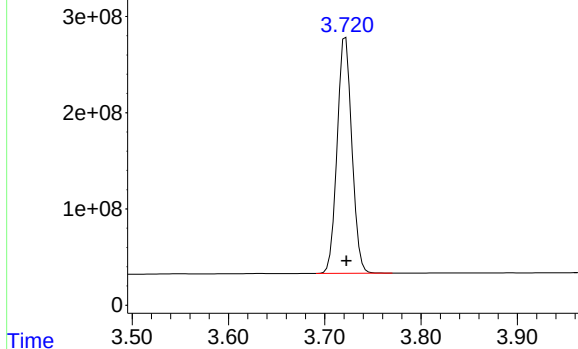
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090969.D\ECD2B.ch

#3 gamma-BHC (Lindane)

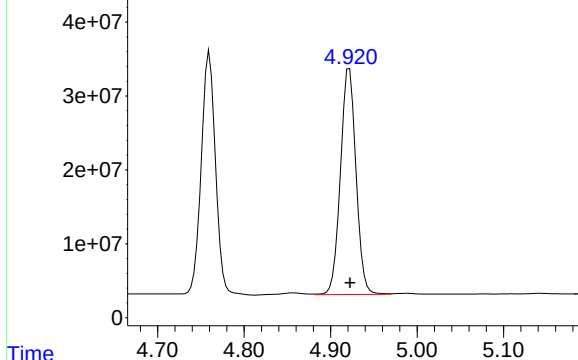
R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2603073565
Conc: 55.09 ng/ml



Time Response_ Signal: PD090969.D\ECD1A.ch

#4 Heptachlor

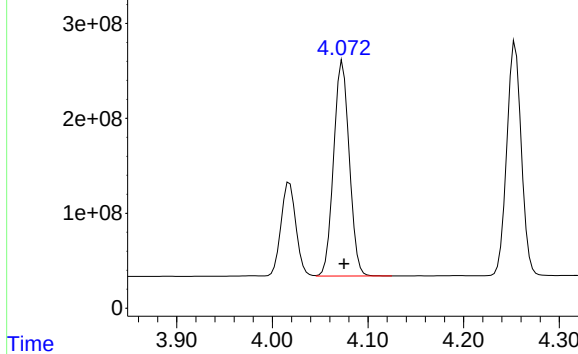
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 379997904
Conc: 67.98 ng/ml



Time Response_ Signal: PD090969.D\ECD2B.ch

#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2570938443
Conc: 57.64 ng/ml



Response_ Signal: PD090969.D\ECD1A.ch

#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 360861749
Conc: 55.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_ Signal: PD090969.D\ECD2B.ch

#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2518988272
Conc: 54.38 ng/ml

Time

Response_ Signal: PD090969.D\ECD1A.ch

#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 140709887
Conc: 53.71 ng/ml

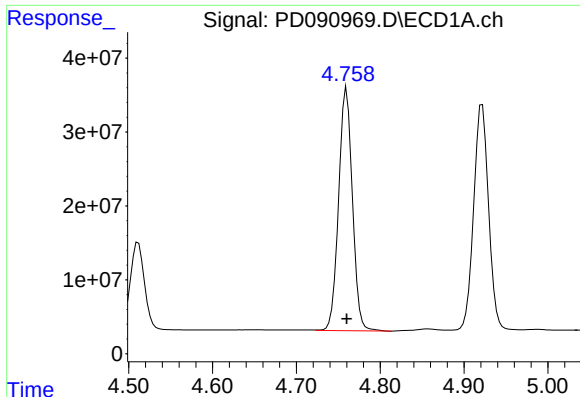
Time

Response_ Signal: PD090969.D\ECD2B.ch

#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1068937199
Conc: 53.91 ng/ml

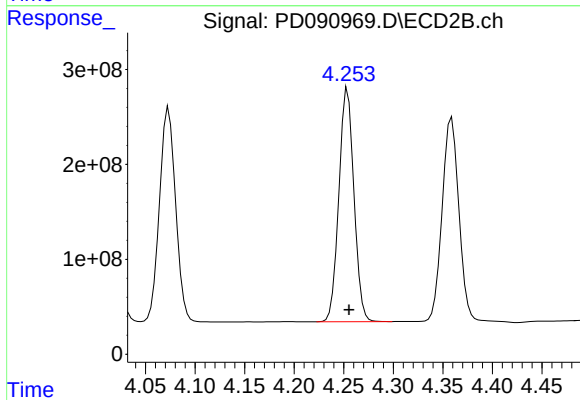
Time



#7 delta-BHC

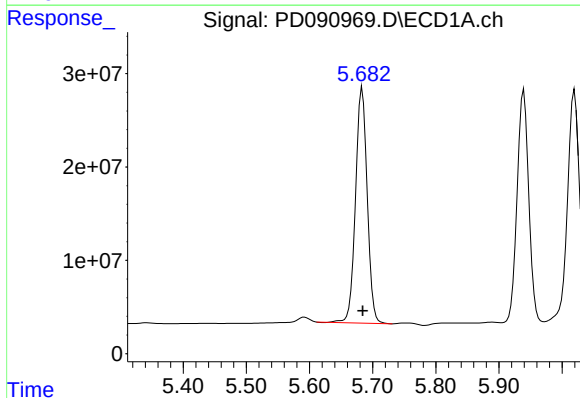
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 375716239
Conc: 55.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



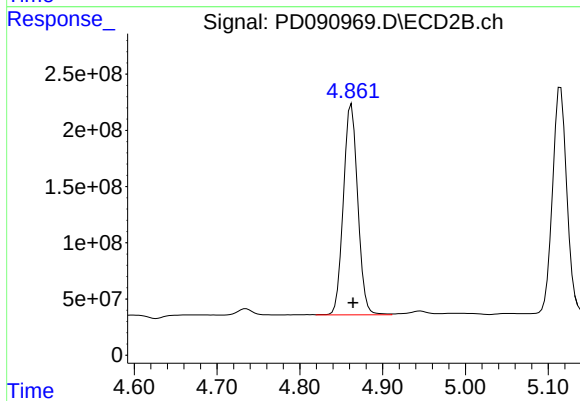
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2598195003
Conc: 54.45 ng/ml



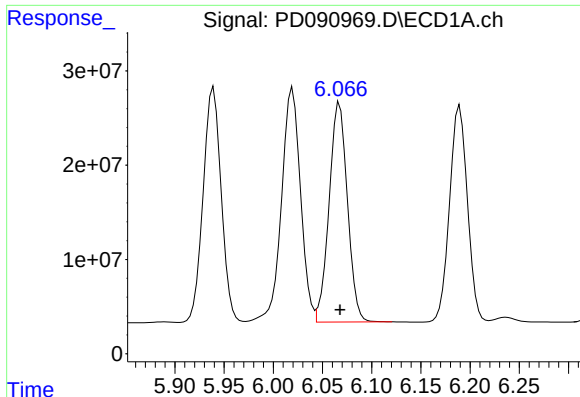
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 324255158
Conc: 56.01 ng/ml



#8 Heptachlor epoxide

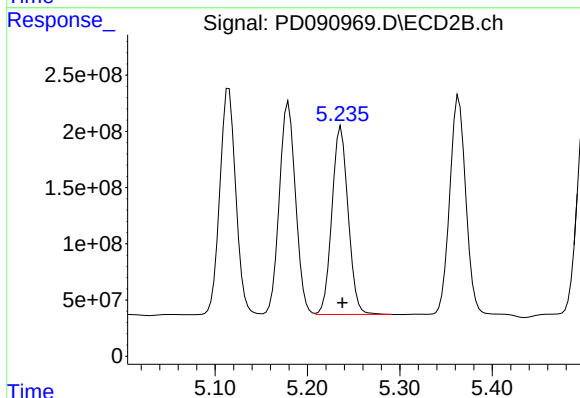
R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2262569485
Conc: 53.06 ng/ml



#9 Endosulfan I

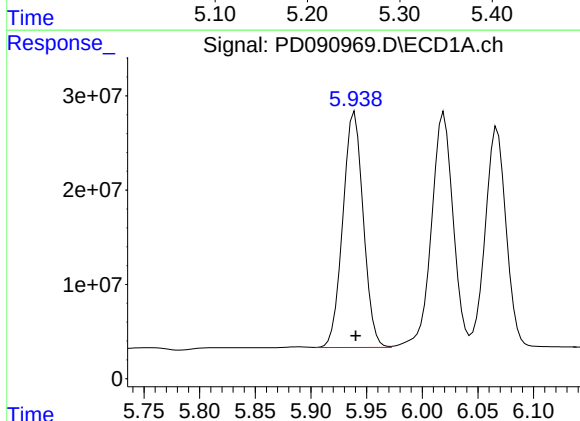
R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 301859551
Conc: 54.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



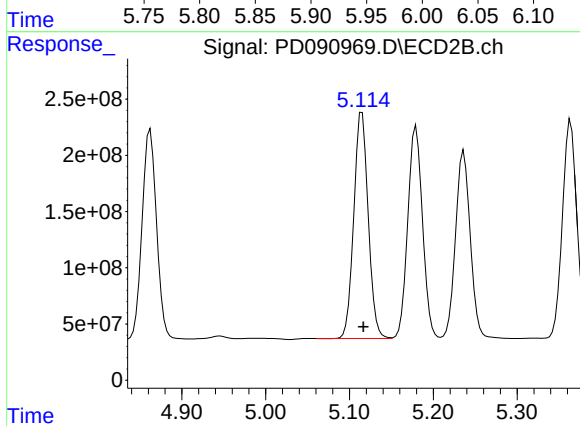
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 2039795243
Conc: 51.78 ng/ml



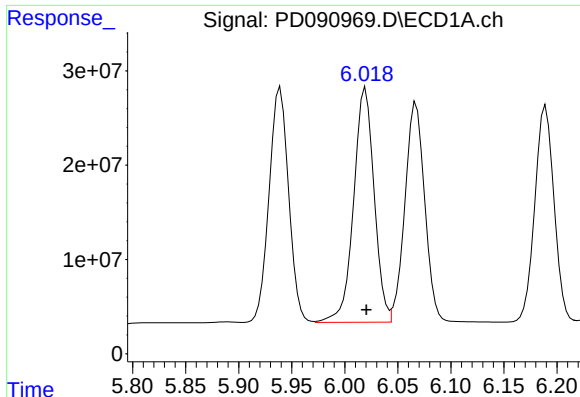
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 319174224
Conc: 53.81 ng/ml



#10 gamma-Chlordane

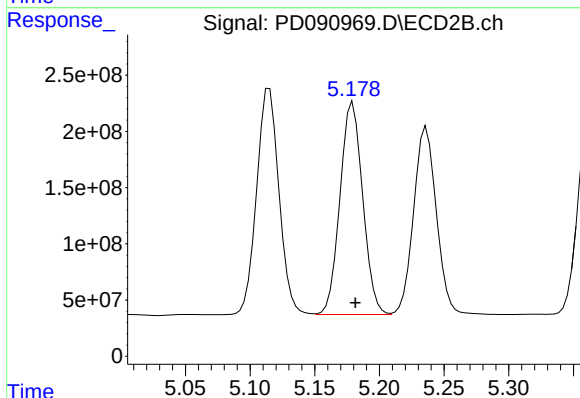
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2413680885
Conc: 53.70 ng/ml



#11 alpha-Chlordane

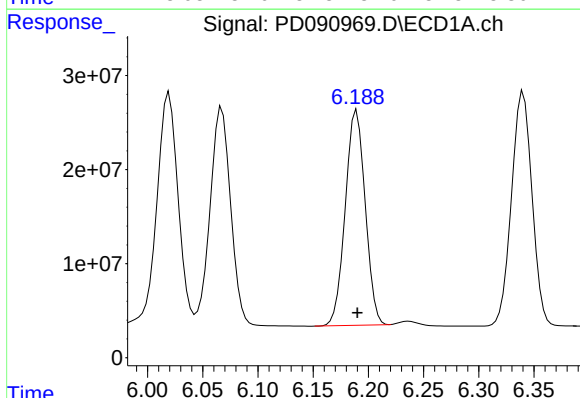
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 334990124
Conc: 54.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



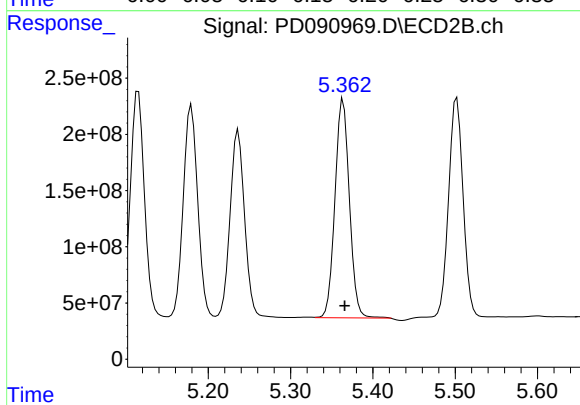
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2304467942
Conc: 53.42 ng/ml



#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 287396691
Conc: 53.95 ng/ml

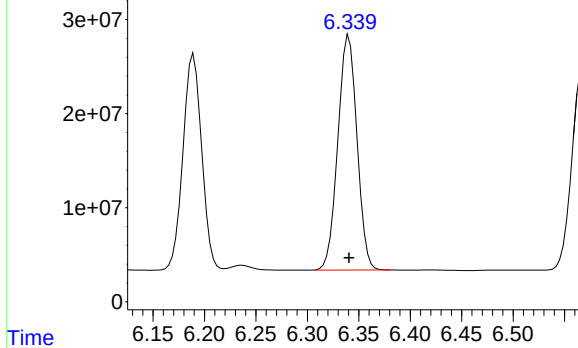


#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2368212860
Conc: 54.02 ng/ml

Response_ Signal: PD090969.D\ECD1A.ch

#13 Dieldrin

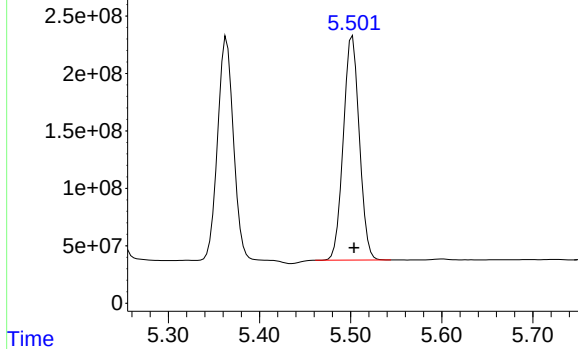


R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 323215883
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Response_ Signal: PD090969.D\ECD2B.ch

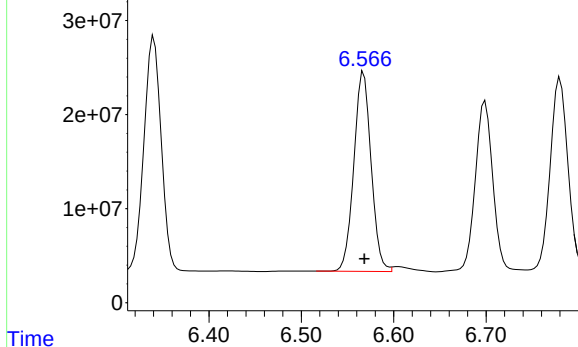
#13 Dieldrin



R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2377324689
Conc: 53.81 ng/ml

Response_ Signal: PD090969.D\ECD1A.ch

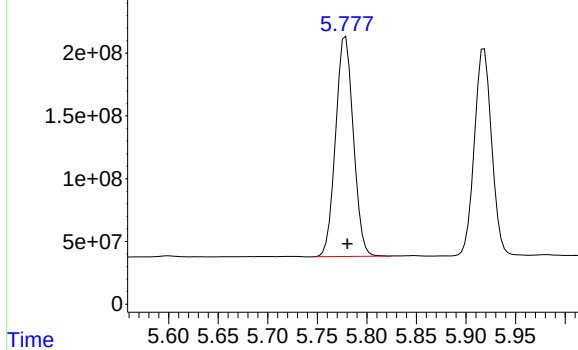
#14 Endrin



R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 275695683
Conc: 55.65 ng/ml

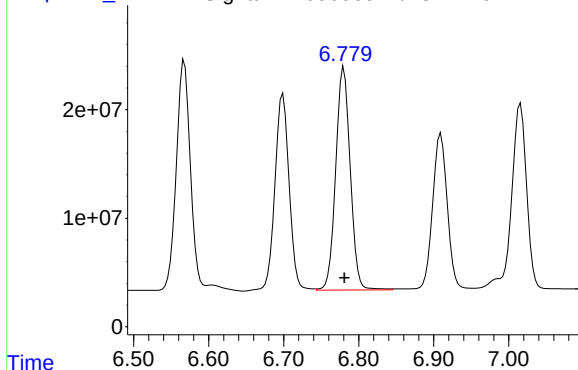
Response_ Signal: PD090969.D\ECD2B.ch

#14 Endrin



R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2184325686
Conc: 53.94 ng/ml

Response_ Signal: PD090969.D\ECD1A.ch

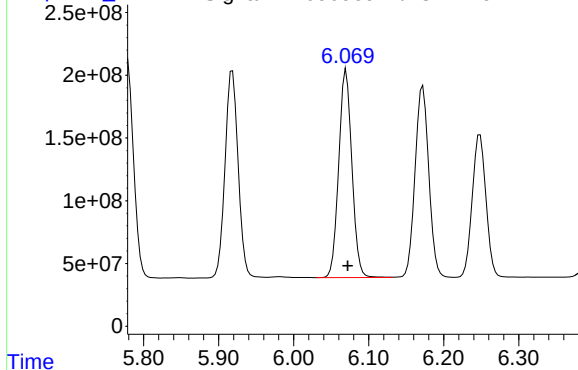


#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 276651569
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

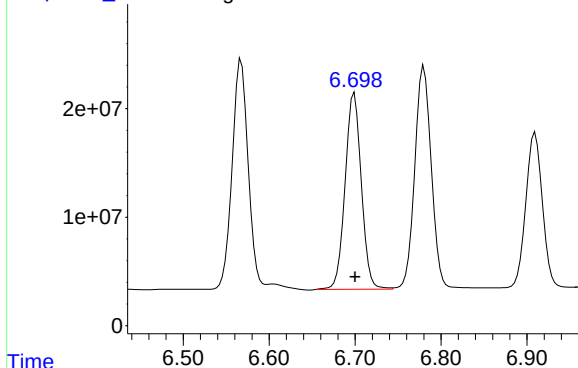
Response_ Signal: PD090969.D\ECD2B.ch



#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 2020703133
Conc: 53.81 ng/ml

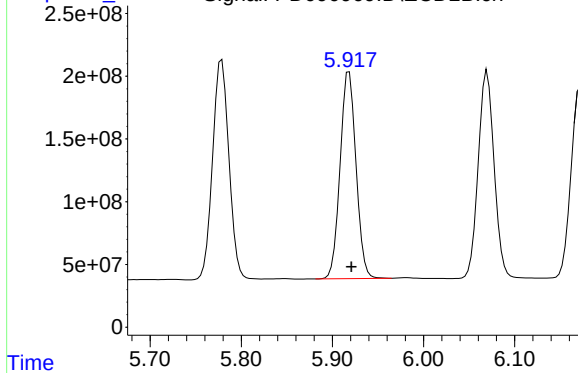
Response_ Signal: PD090969.D\ECD1A.ch



#16 4,4'-DDD

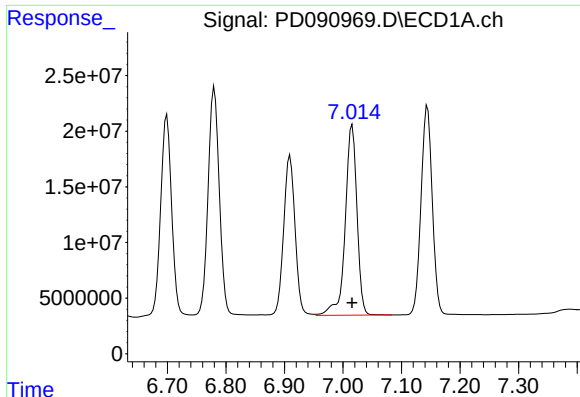
R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 237742103
Conc: 58.64 ng/ml

Response_ Signal: PD090969.D\ECD2B.ch



#16 4,4'-DDD

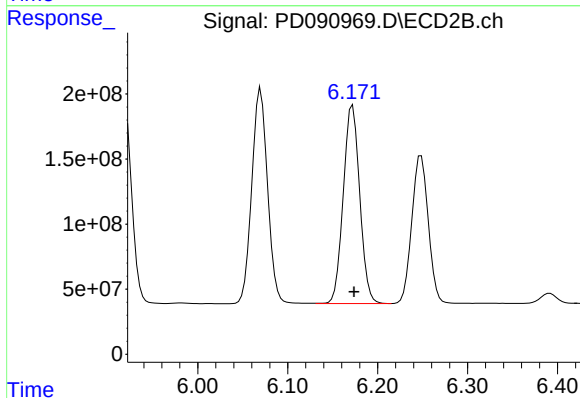
R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 1998589622
Conc: 54.85 ng/ml



#17 4,4'-DDT

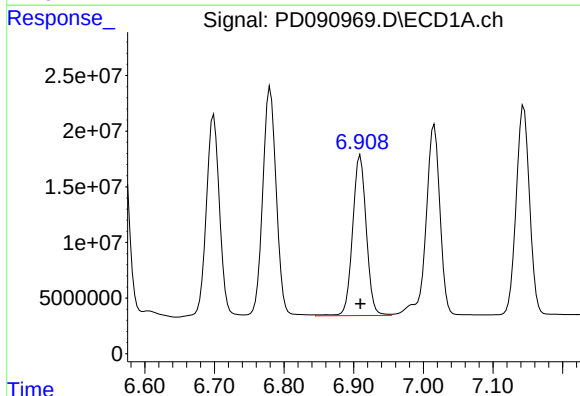
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 238587350
Conc: 58.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



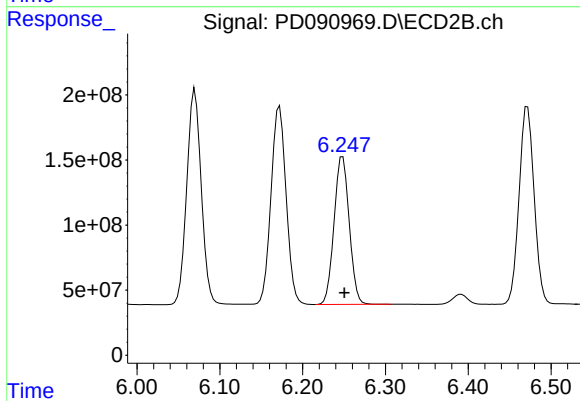
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1938925628
Conc: 55.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 196676727
Conc: 53.70 ng/ml



#18 Endrin aldehyde

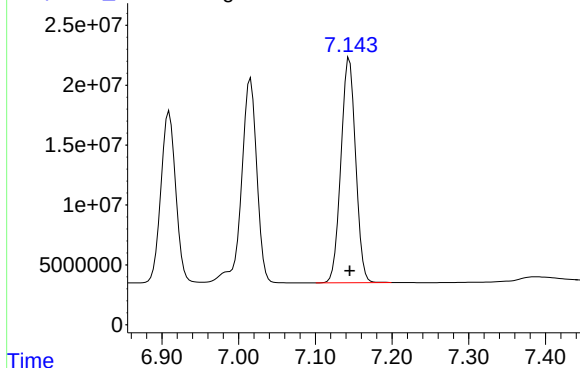
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1446638357
Conc: 52.24 ng/ml

Response_ Signal: PD090969.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 250222180
Conc: 53.95 ng/ml

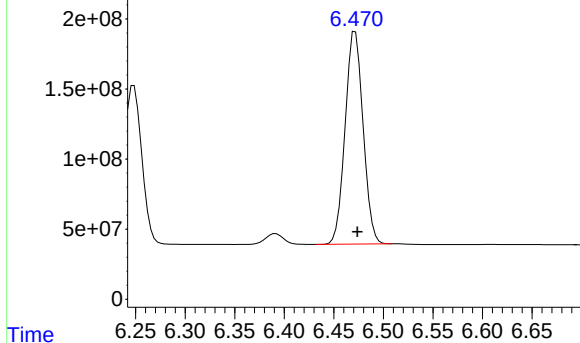
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090969.D\ECD2B.ch

#19 Endosulfan Sulfate

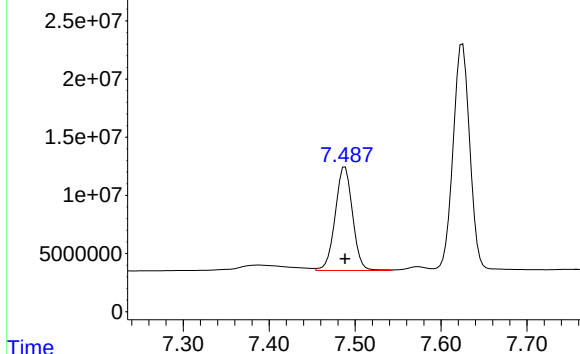
R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1915228060
Conc: 53.43 ng/ml



Time Response_ Signal: PD090969.D\ECD1A.ch

#20 Methoxychlor

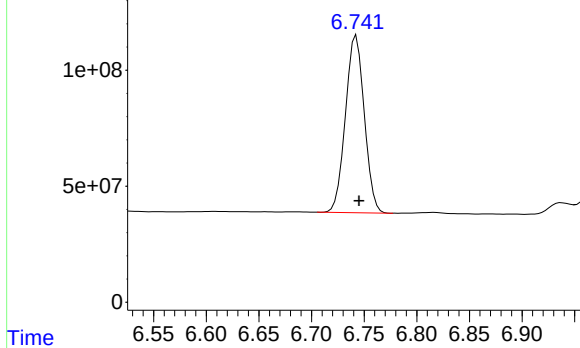
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 124825710
Conc: 58.73 ng/ml



Time Response_ Signal: PD090969.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 955457870
Conc: 54.82 ng/ml

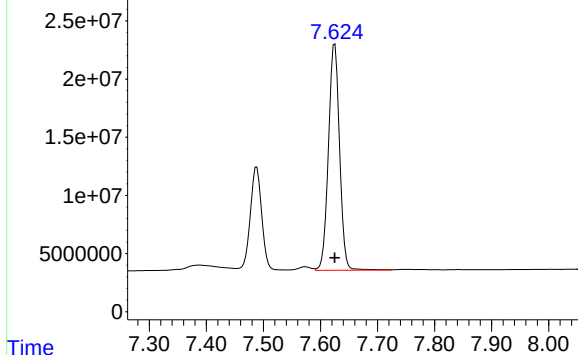


Response_ Signal: PD090969.D\ECD1A.ch

#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 264223867
Conc: 54.38 ng/ml

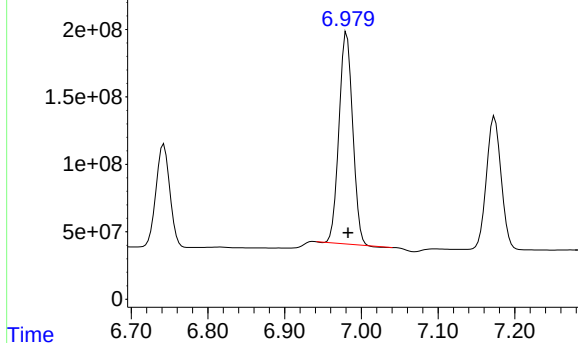
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



Time Response_ Signal: PD090969.D\ECD2B.ch

#21 Endrin ketone

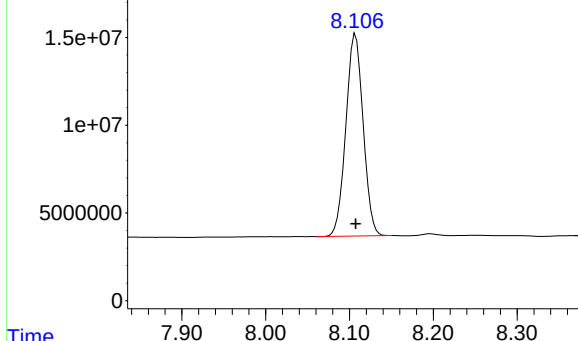
R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1936833472
Conc: 51.35 ng/ml



Time Response_ Signal: PD090969.D\ECD1A.ch

#22 Mirex

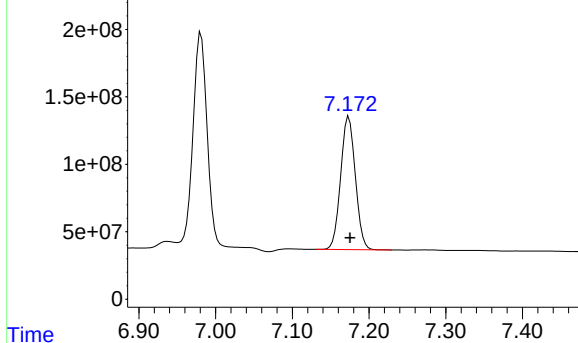
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 165061776
Conc: 51.57 ng/ml



Time Response_ Signal: PD090969.D\ECD2B.ch

#22 Mirex

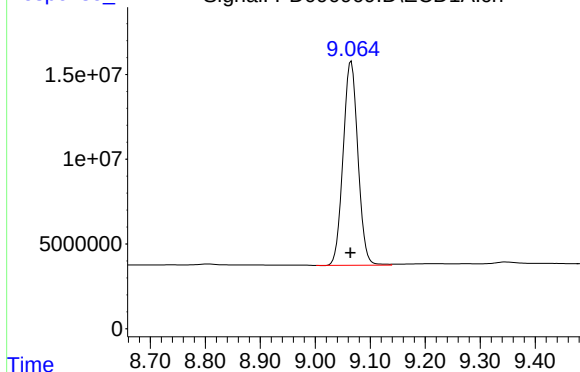
R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1313356759
Conc: 51.12 ng/ml



Response_

Signal: PD090969.D\ECD1A.ch

#28 Decachlorobiphenyl



R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 224969546
Conc: 48.09 ng/ml

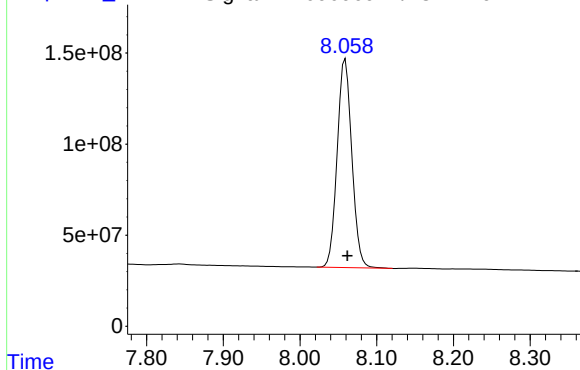
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_

Signal: PD090969.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 1521005661
Conc: 50.21 ng/ml

Time

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

Data File: PEM
 Operator: PD090648.D Date Acquired 10/17/2025 11:07
 AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	243728295.7	249054181.9	5325886.17	2.14
Endrin aldehyde	6.91	1372426.584			
Endrin ketone	7.63	3953459.588			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1941282940	1991060515	49777575.7	2.50
Endrin aldehyde #2	6.25	19940698.04			
Endrin ketone #2	6.98	29836877.65			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	412144601.3	415215115.8	3070514.5	0.74
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3070514.503			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3355351424	3394188860	38837436.1	1.14
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	38837436.09			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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...	3.544	2.875	67593250	632.0E6	21.705	21.224
28)	SA Decachlor...	9.066	8.062	106.9E6	648.1E6	22.859	21.395
Target Compounds							
2)	A alpha-BHC	3.994	3.386	64971308	526.5E6	9.053	10.304
3)	MA gamma-BHC...	4.324	3.723	63399907	488.4E6	9.325	10.337
6)	B beta-BHC	4.512	4.019	26386693	207.4E6	10.073	10.459
14)	MA Endrin	6.568	5.781	243.7E6	1941.3E6	49.201	47.940
16)	A 4,4'-DDD	6.701	5.923	3070515	38837436	0.757	1.066 #
17)	MA 4,4'-DDT	7.016	6.174	412.1E6	3355.4E6	100.267	95.667
18)	B Endrin al...	6.913	6.248	1372427	19940698	0.375m	0.720 #
20)	A Methoxychlor	7.489	6.745	503.3E6	3517.5E6	236.805	201.834
21)	B Endrin ke...	7.625	6.981	3953460	29836878	0.814	0.791m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

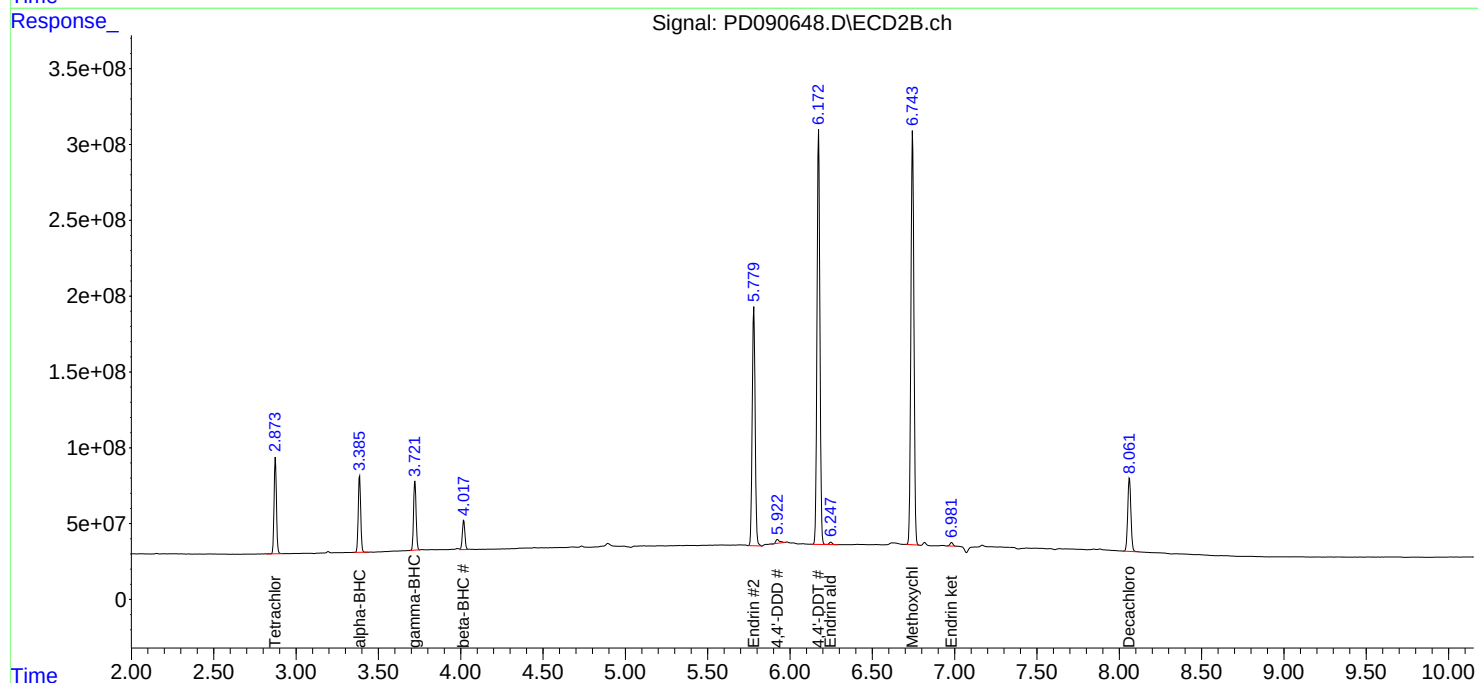
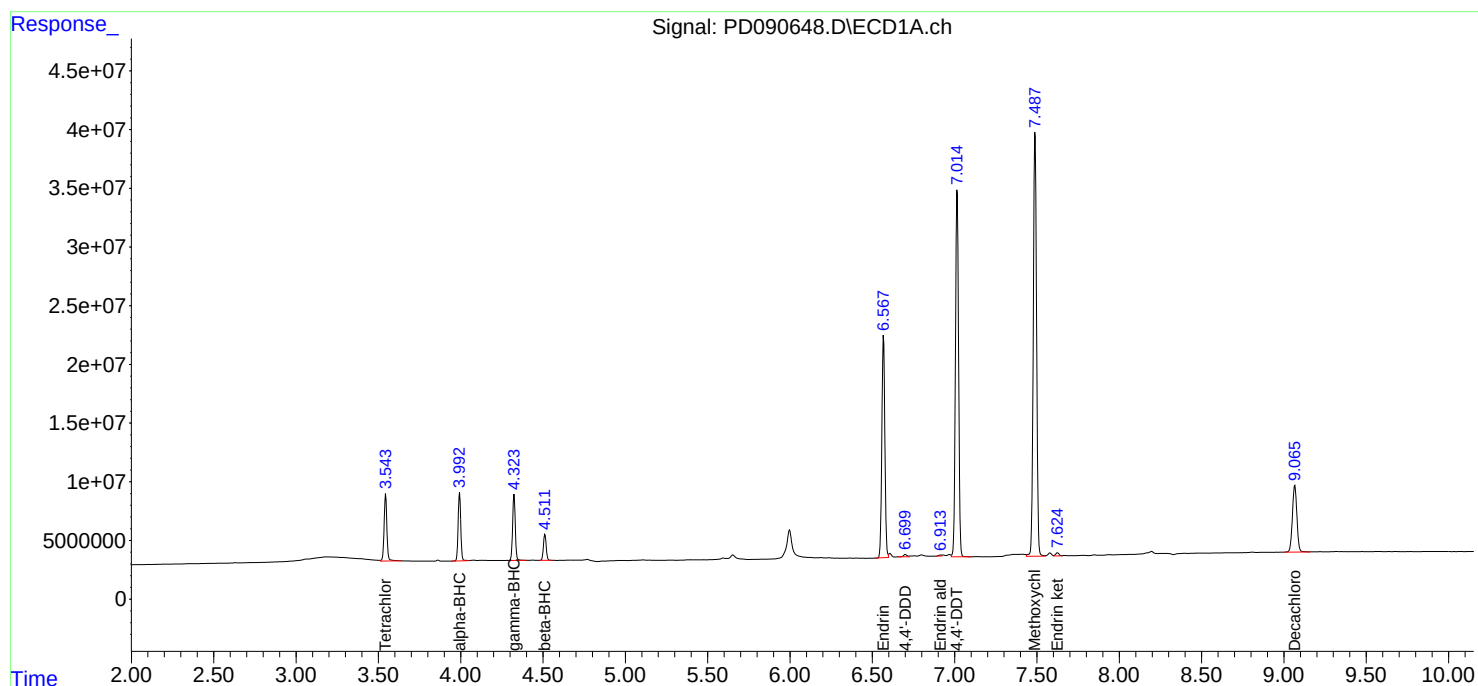
Instrument :
ECD_D
ClientSampleId :
PEM

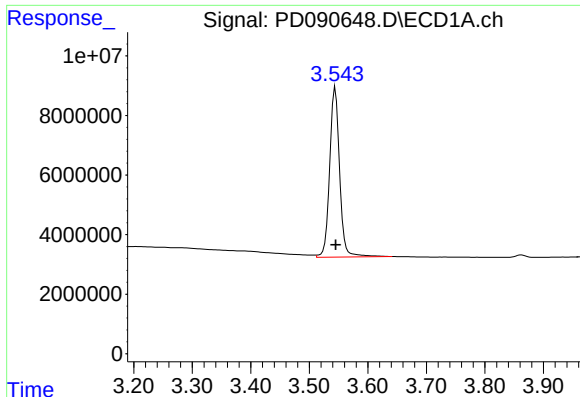
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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





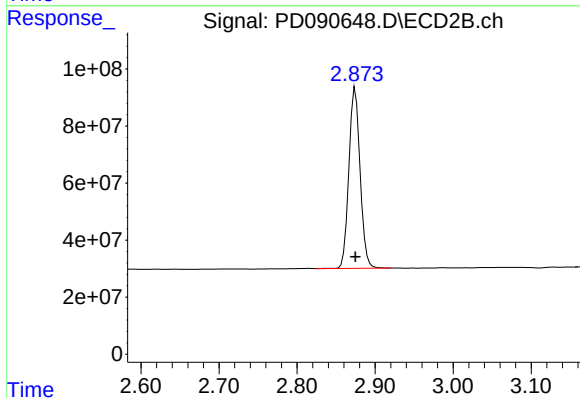
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67593250
Conc: 21.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

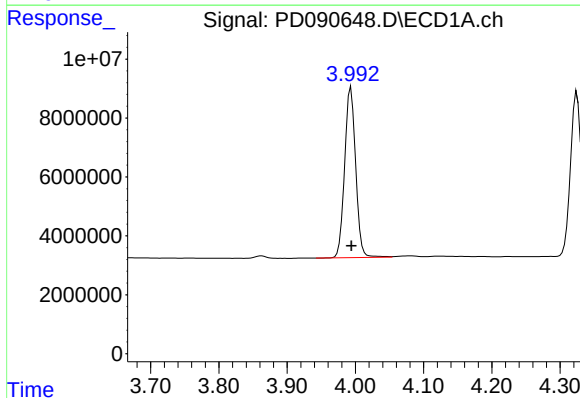
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



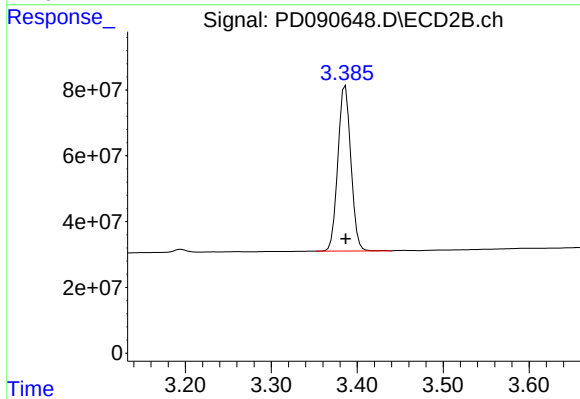
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 631992202
Conc: 21.22 ng/ml



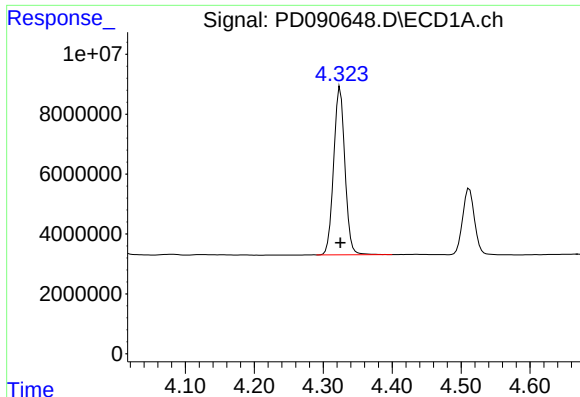
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 64971308
Conc: 9.05 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 526499291
Conc: 10.30 ng/ml



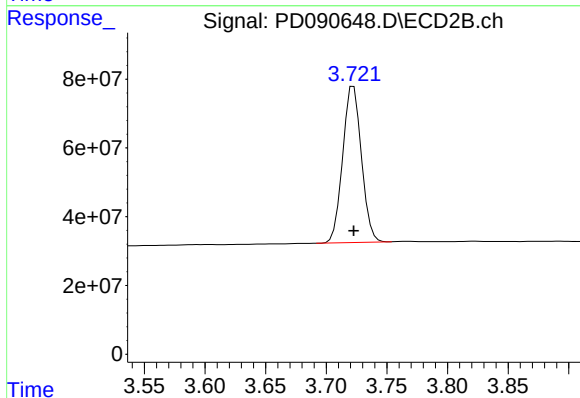
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 63399907
Conc: 9.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

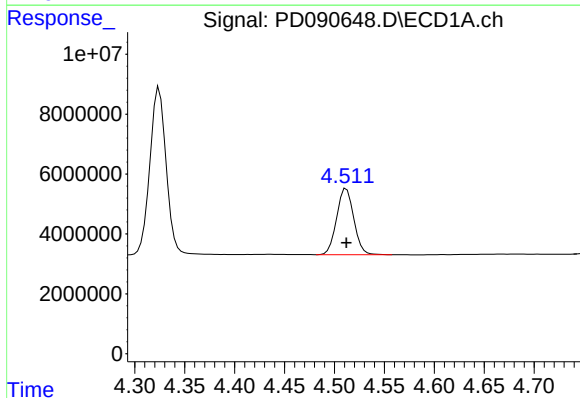
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



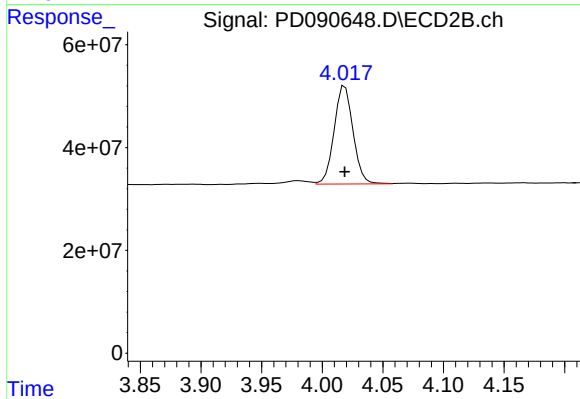
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 488402734
Conc: 10.34 ng/ml



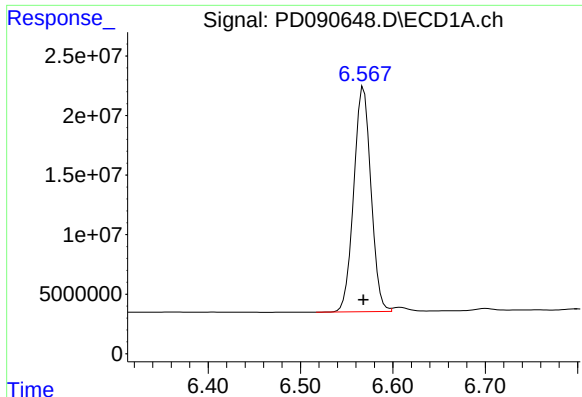
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 26386693
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 207399327
Conc: 10.46 ng/ml



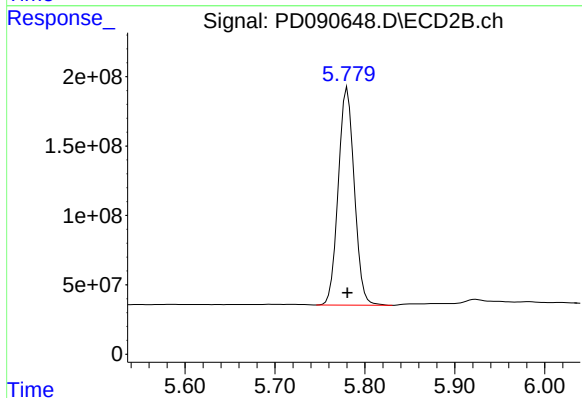
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 243728296
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

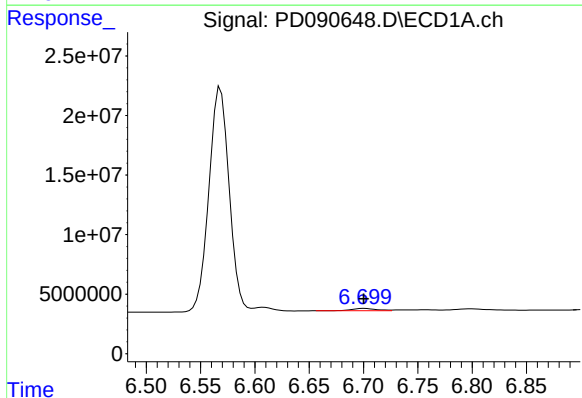
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



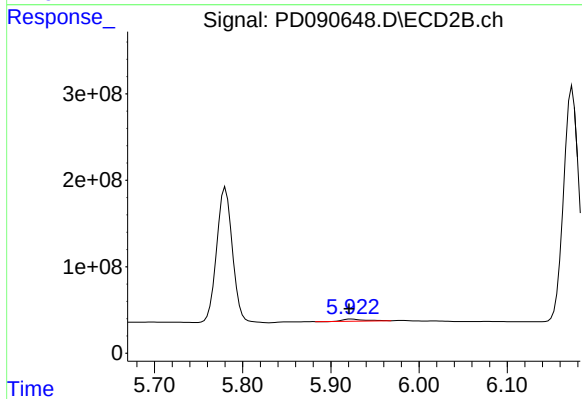
#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1941282940
Conc: 47.94 ng/ml



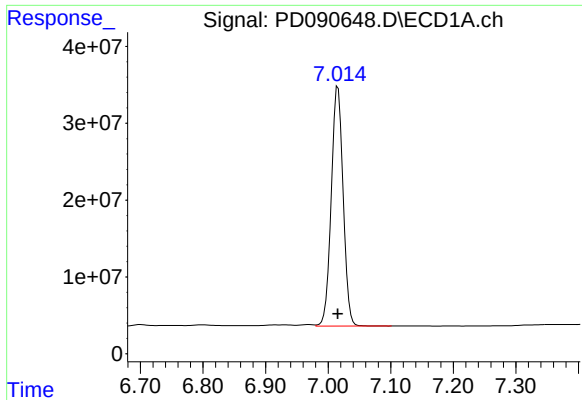
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 3070515
Conc: 0.76 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.003 min
Response: 38837436
Conc: 1.07 ng/ml



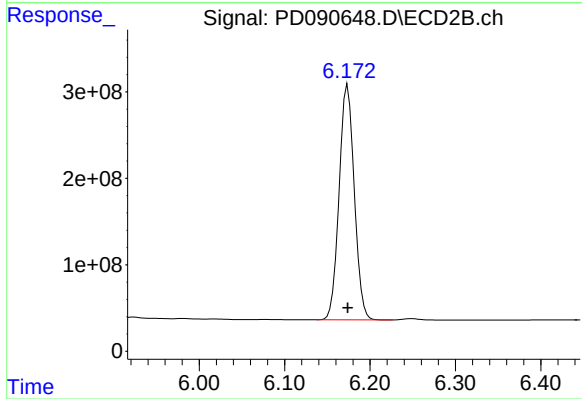
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 412144601
Conc: 100.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

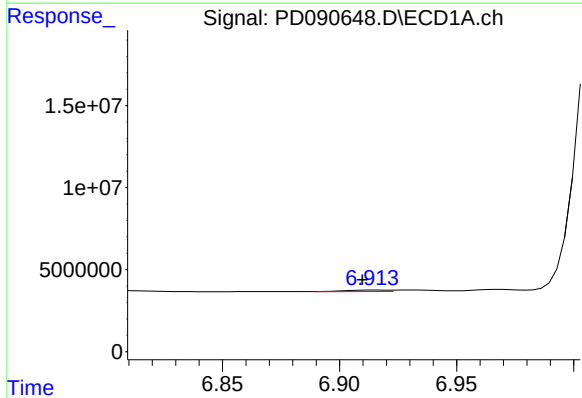
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



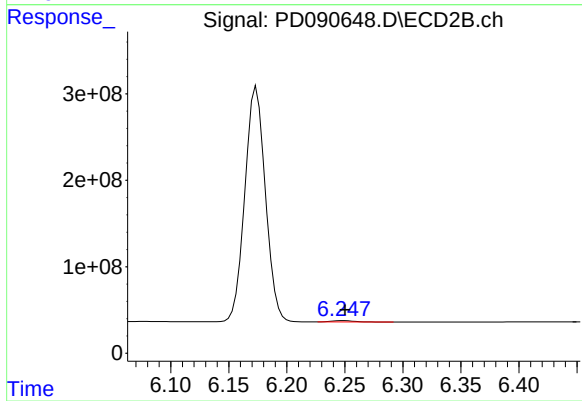
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 3355351424
Conc: 95.67 ng/ml



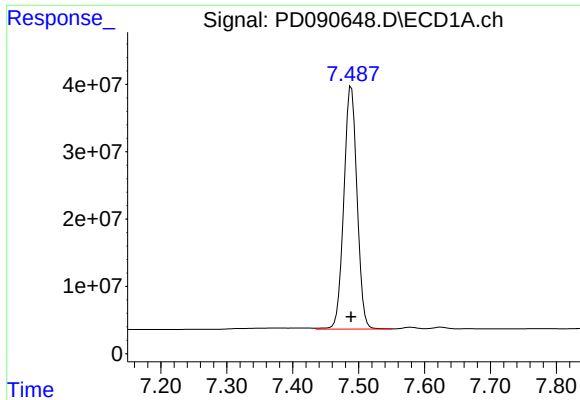
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 1372427
Conc: 0.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 19940698
Conc: 0.72 ng/ml



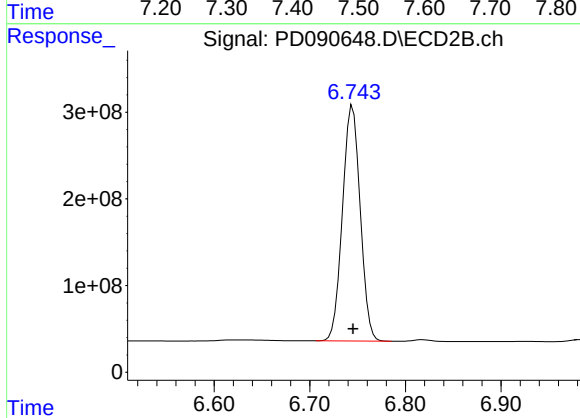
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 503349948
Conc: 236.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

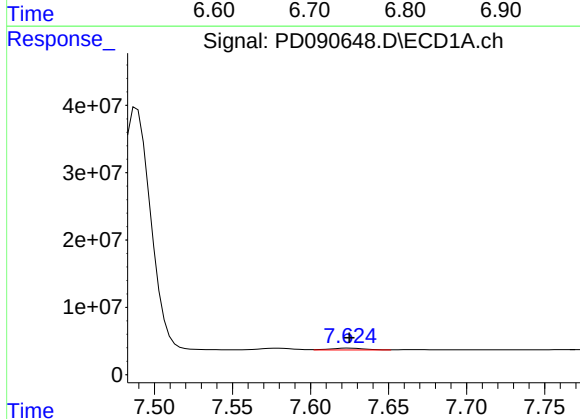
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



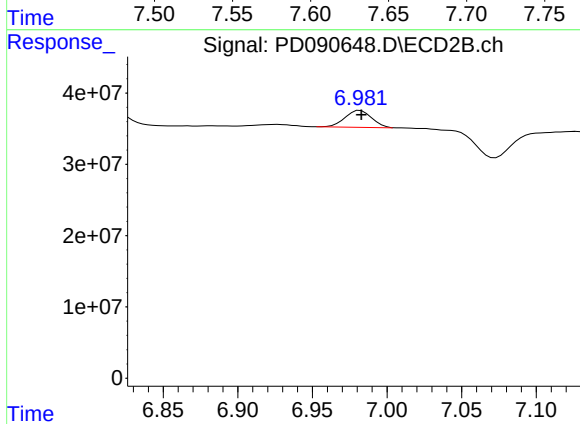
#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3517519034
Conc: 201.83 ng/ml



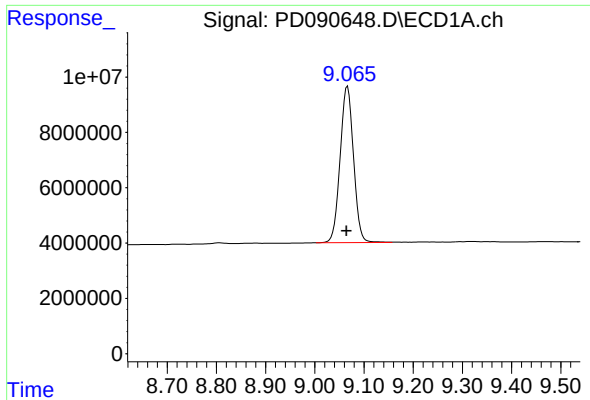
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 3953460
Conc: 0.81 ng/ml



#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 29836878
Conc: 0.79 ng/ml m



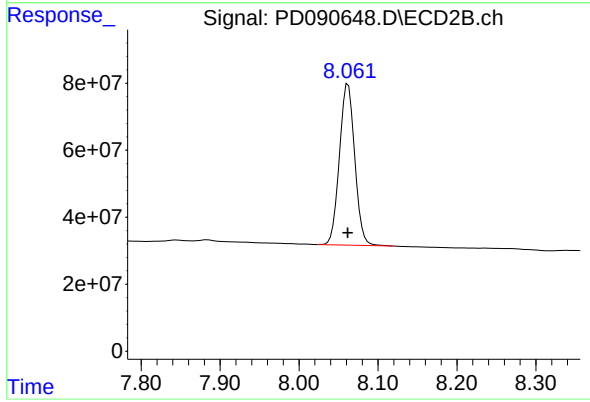
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 106933782
Conc: 22.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 648085268
Conc: 21.40 ng/ml

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090868.D Date Analyzed: 10/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.062	8.960	9.160	22.890	20.000	14.5
Tetrachloro-m-xylene	3.544	3.490	3.590	23.160	20.000	15.8
alpha-BHC	3.993	3.940	4.040	9.970	10.000	-0.3
beta-BHC	4.511	4.460	4.560	11.310	10.000	13.1
gamma-BHC (Lindane)	4.323	4.270	4.370	10.310	10.000	3.1
Endrin	6.566	6.500	6.640	52.490	50.000	5.0
4,4'-DDT	7.013	6.940	7.080	107.090	100.000	7.1
Methoxychlor	7.486	7.420	7.560	251.460	250.000	0.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090868.D Date Analyzed: 10/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:55

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.058	7.960	8.160	25.500	20.000	27.5
Tetrachloro-m-xylene	2.873	2.820	2.920	23.100	20.000	15.5
alpha-BHC	3.385	3.330	3.440	11.160	10.000	11.6
beta-BHC	4.017	3.970	4.070	11.350	10.000	13.5
gamma-BHC (Lindane)	3.721	3.670	3.770	11.180	10.000	11.8
Endrin	5.778	5.710	5.850	50.160	50.000	0.3
4,4'-DDT	6.172	6.100	6.240	104.590	100.000	4.6
Methoxychlor	6.741	6.670	6.810	216.550	250.000	-13.4

Data File: PEM
Operator: PD090868.D **Date Acquired** 10/28/2025 9:55
 AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	260030828.9	282103597.7	22072768.8	7.82
Endrin aldehyde	6.91	6864235.572			
Endrin ketone	7.62	15208533.23			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2031283892	2210396126	179112234	8.10
Endrin aldehyde #2	6.25	44280225.02			
Endrin ketone #2	6.98	134832009			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	440179804	469453653.3	29273849.3	6.24
4,4'-DDE	6.19	810685.67			
4,4'-DDD	6.70	28463163.61			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3668255202	3932904739	264649537	6.73
4,4'-DDE #2	5.36	6930315.054			
4,4'-DDD #2	5.92	257719221.8			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 09:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:41:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	72121617	687.9E6	23.159	23.100
28)	SA Decachlor...	9.062	8.058	107.1E6	772.5E6	22.892	25.503
Target Compounds							
2)	A alpha-BHC	3.993	3.385	71583437	570.4E6	9.974	11.164
3)	MA gamma-BHC...	4.323	3.721	70075763	528.4E6	10.307	11.184
6)	B beta-BHC	4.511	4.017	29621545	225.1E6	11.308	11.350
12)	B 4,4'-DDE	6.187	5.364	810686	6930315	0.152m	0.158m
14)	MA Endrin	6.566	5.778	260.0E6	2031.3E6	52.492	50.163
16)	A 4,4'-DDD	6.698	5.918	28463164	257.7E6	7.021	7.073
17)	MA 4,4'-DDT	7.013	6.172	440.2E6	3668.3E6	107.087	104.589
18)	B Endrin al...	6.909	6.246	6864236	44280225	1.874	1.599
20)	A Methoxychlor	7.486	6.741	534.5E6	3773.9E6	251.460	216.546
21)	B Endrin ke...	7.623	6.979	15208533	134.8E6	3.130	3.575

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

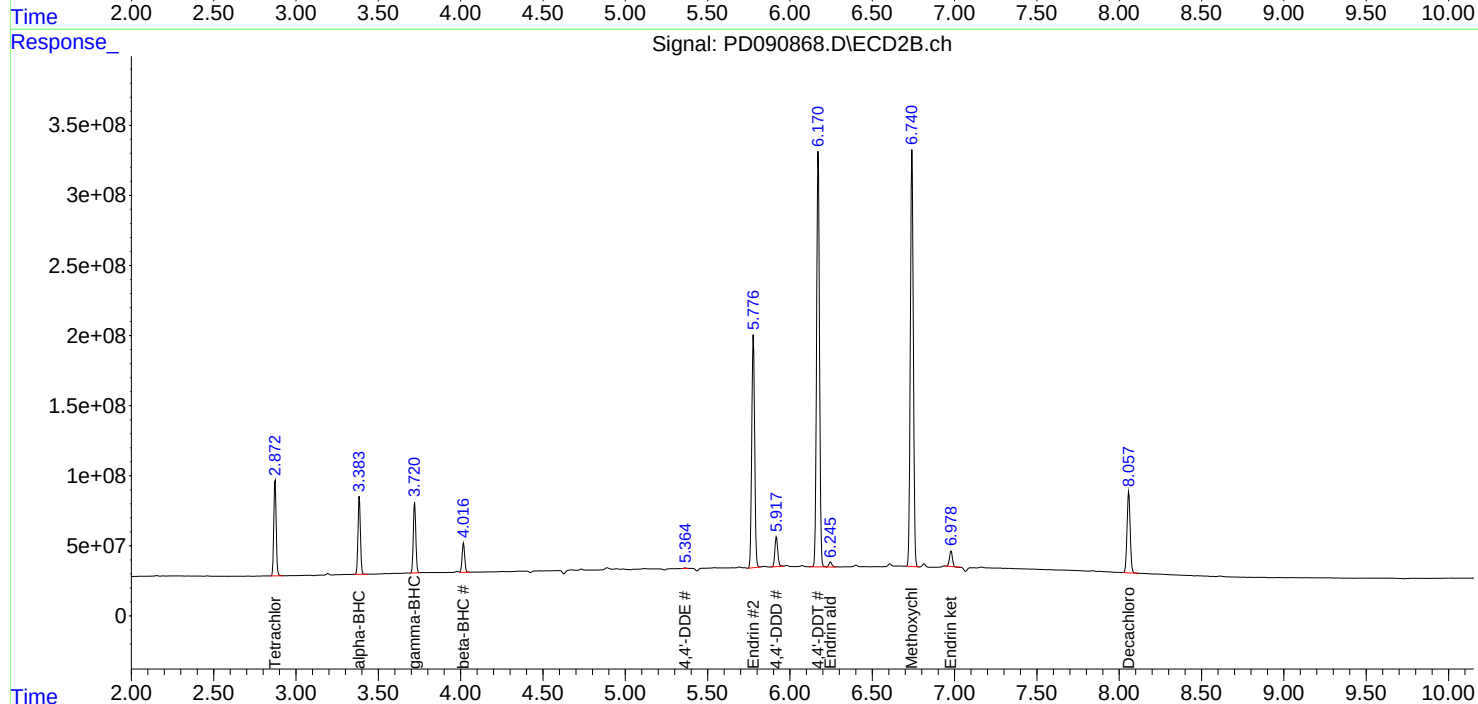
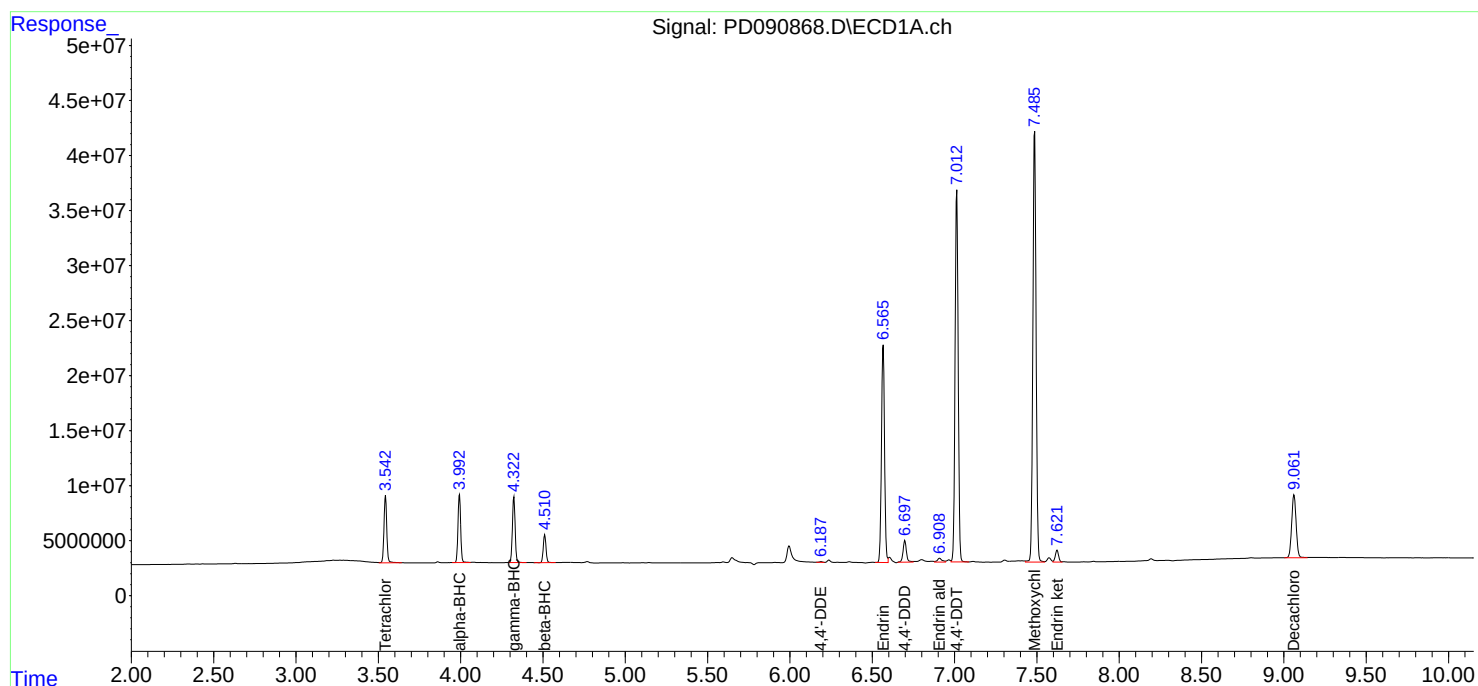
Instrument :
ECD_D
ClientSampleId :
PEM

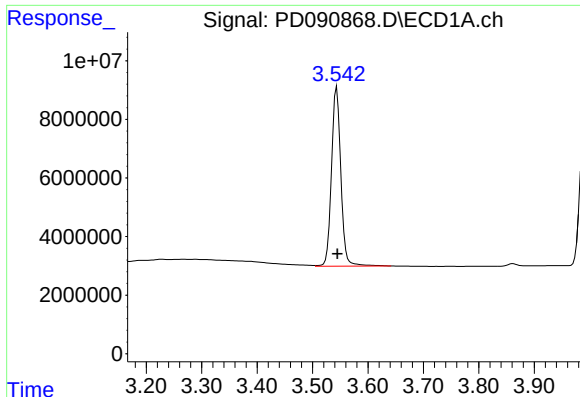
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2025
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





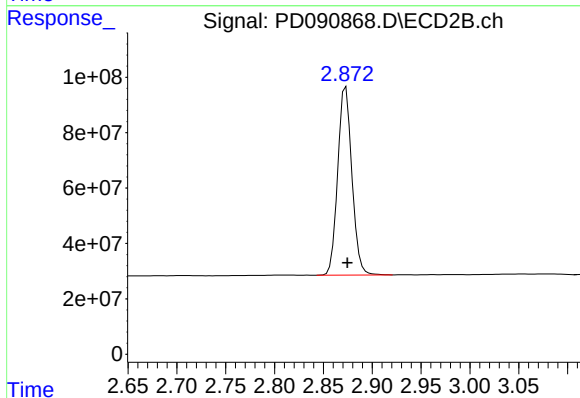
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 72121617
Conc: 23.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

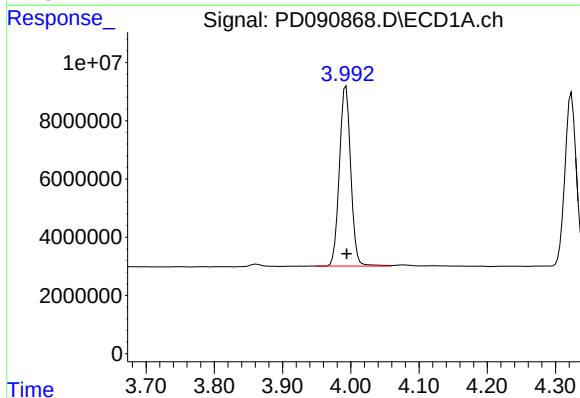
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



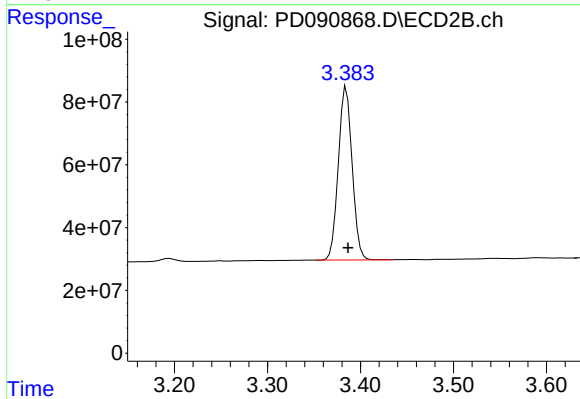
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 687862394
Conc: 23.10 ng/ml



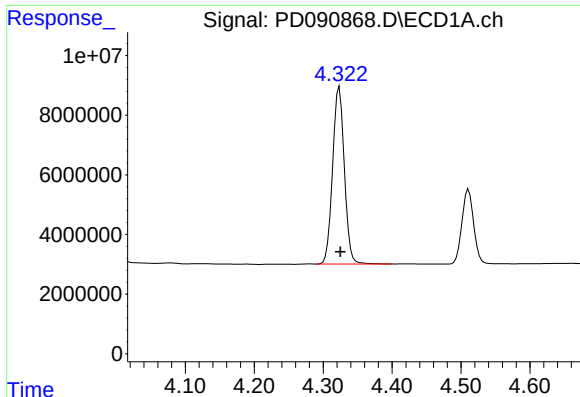
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 71583437
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 570423682
Conc: 11.16 ng/ml



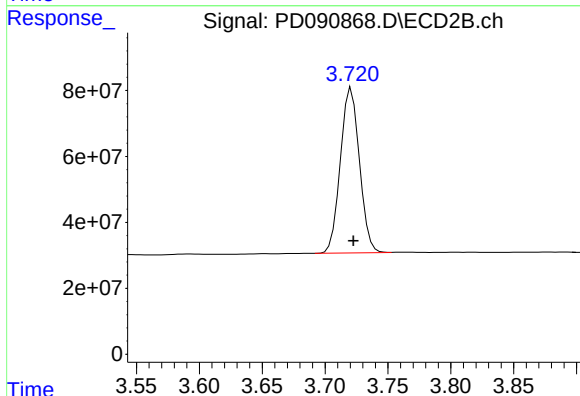
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 70075763
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

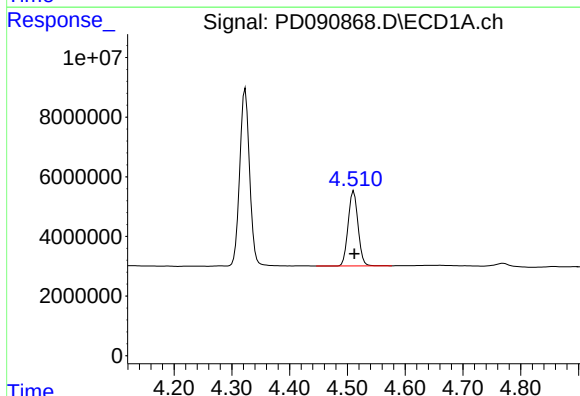
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



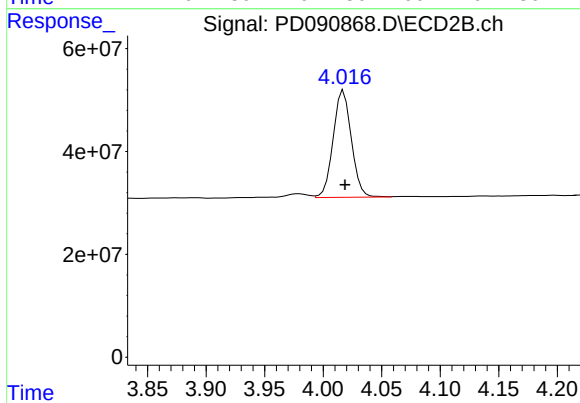
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 528448206
Conc: 11.18 ng/ml



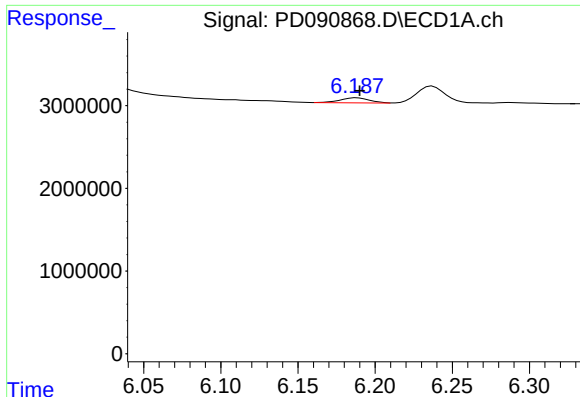
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 29621545
Conc: 11.31 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 225070820
Conc: 11.35 ng/ml



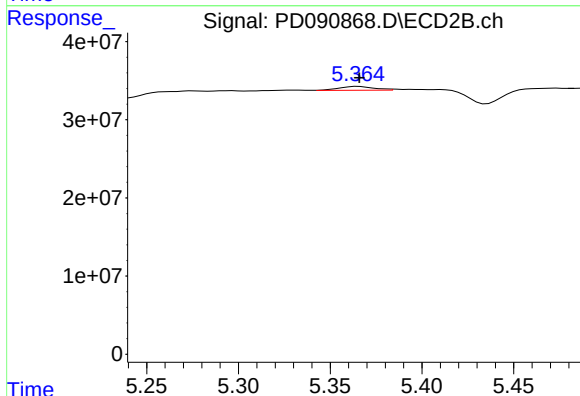
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 810686
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

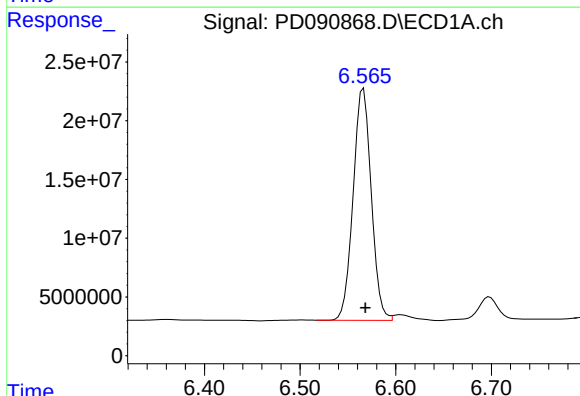
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



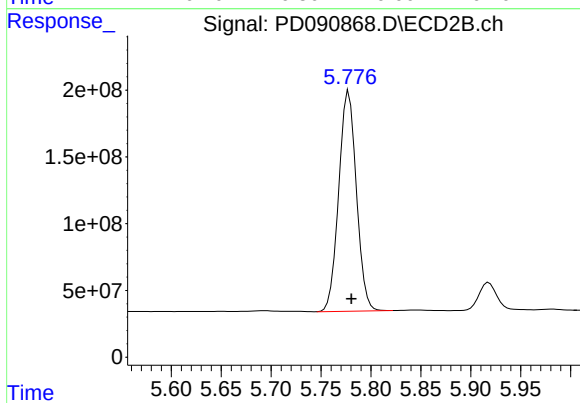
#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 6930315
Conc: 0.16 ng/ml m



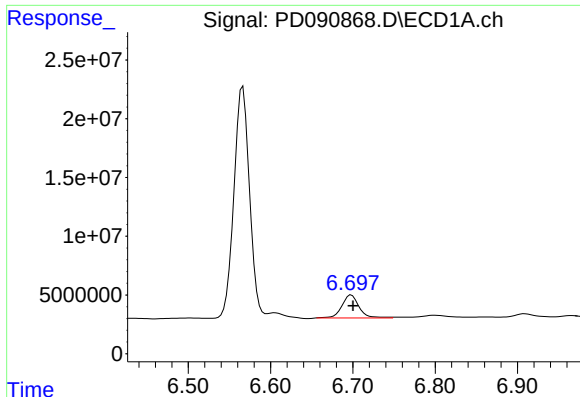
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 260030829
Conc: 52.49 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 2031283892
Conc: 50.16 ng/ml



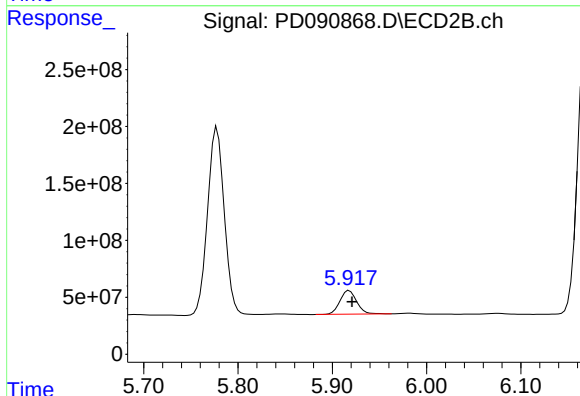
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 28463164
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

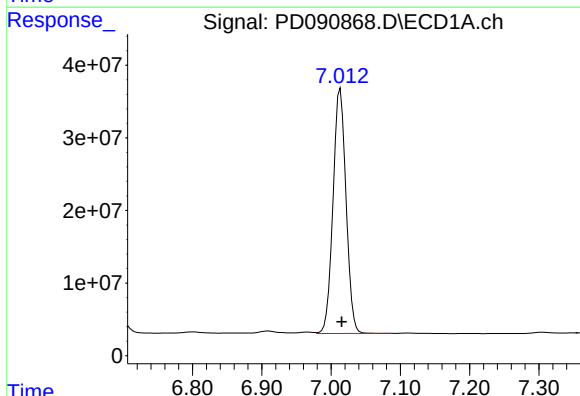
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



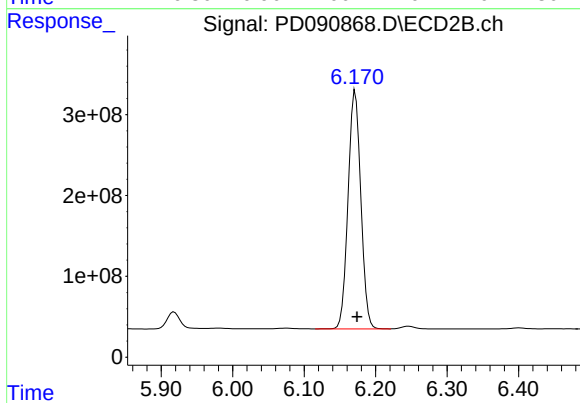
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 257719222
Conc: 7.07 ng/ml



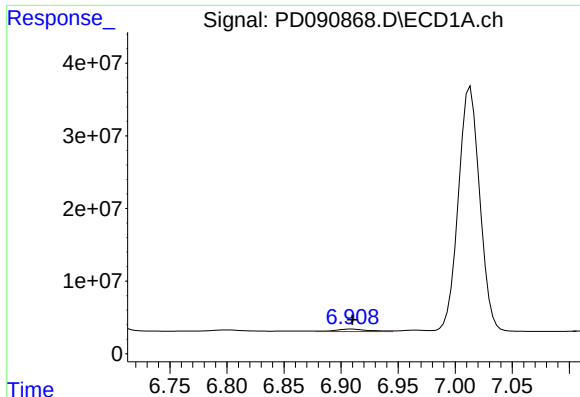
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 440179804
Conc: 107.09 ng/ml



#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3668255202
Conc: 104.59 ng/ml



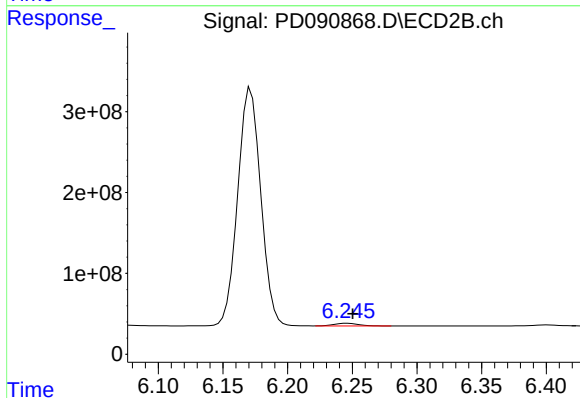
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 6864236
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

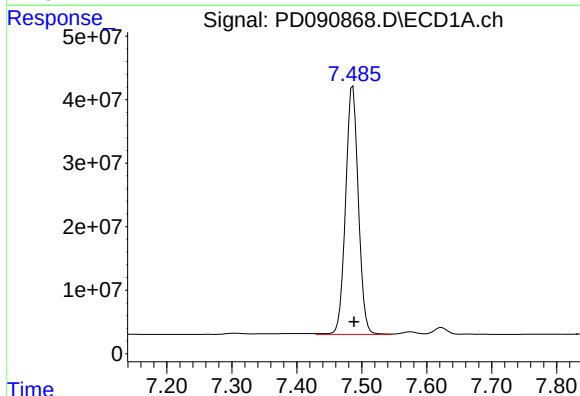
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



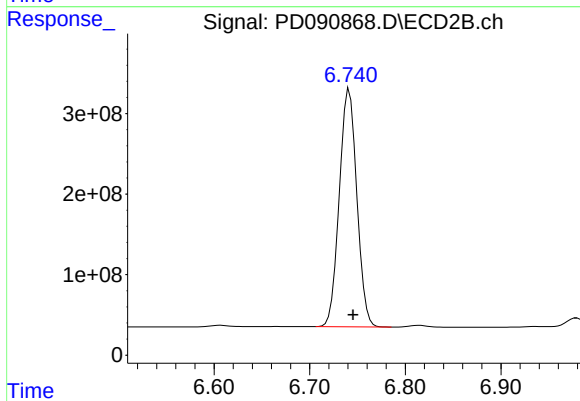
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 44280225
Conc: 1.60 ng/ml



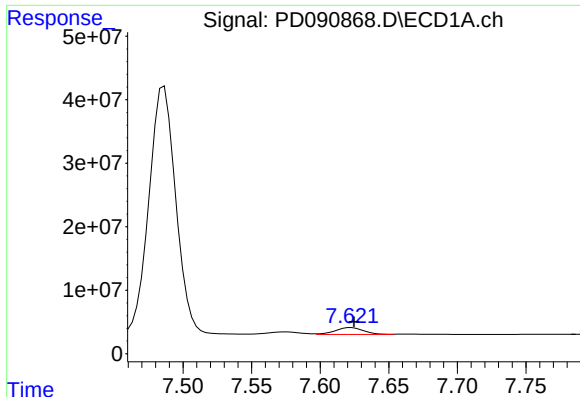
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 534500286
Conc: 251.46 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 3773924369
Conc: 216.55 ng/ml



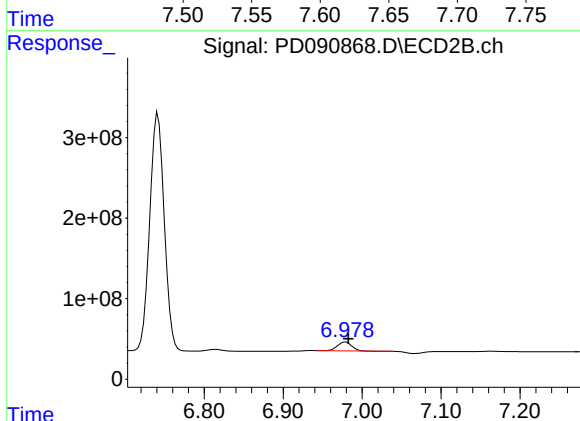
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 15208533
Conc: 3.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

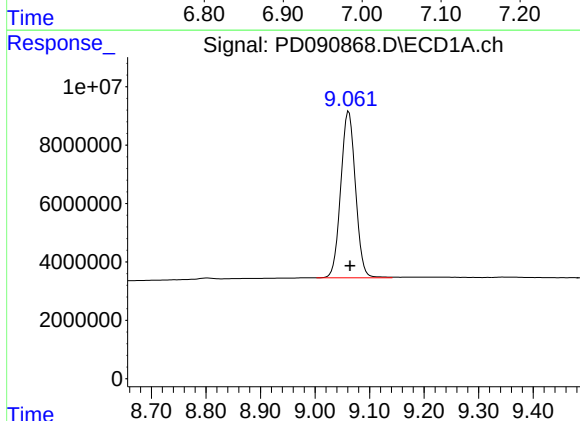
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



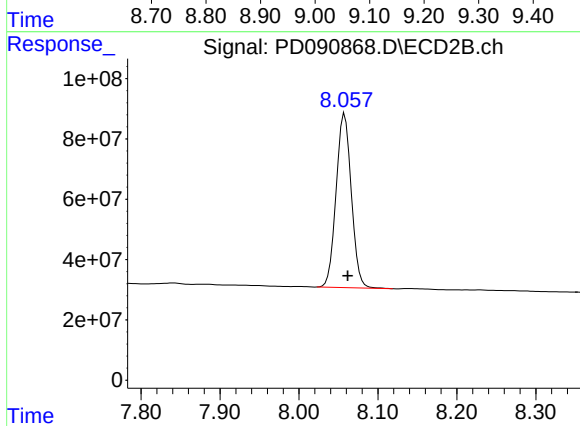
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 134832009
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 107086305
Conc: 22.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 772512317
Conc: 25.50 ng/ml

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090960.D Date Analyzed: 11/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.064	8.960	9.160	20.720	20.000	3.6
Tetrachloro-m-xylene	3.544	3.490	3.590	21.860	20.000	9.3
alpha-BHC	3.993	3.940	4.040	9.340	10.000	-6.6
beta-BHC	4.511	4.460	4.560	10.520	10.000	5.2
gamma-BHC (Lindane)	4.324	4.270	4.370	9.550	10.000	-4.5
Endrin	6.567	6.500	6.640	51.240	50.000	2.5
4,4'-DDT	7.014	6.940	7.080	106.360	100.000	6.4
Methoxychlor	7.487	7.420	7.560	244.880	250.000	-2.0

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090960.D Date Analyzed: 11/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.059	7.960	8.160	21.390	20.000	7.0
Tetrachloro-m-xylene	2.874	2.820	2.920	22.540	20.000	12.7
alpha-BHC	3.386	3.340	3.440	11.010	10.000	10.1
beta-BHC	4.017	3.970	4.070	11.260	10.000	12.6
gamma-BHC (Lindane)	3.722	3.670	3.770	11.060	10.000	10.6
Endrin	5.778	5.710	5.850	50.520	50.000	1.0
4,4'-DDT	6.171	6.100	6.240	106.090	100.000	6.1
Methoxychlor	6.742	6.670	6.810	211.670	250.000	-15.3

Data File: PEM
Operator: PD090960.D **Date Acquired** 11/5/2025 9:34
 AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	253842480.1	260776141	6933660.9	2.66
Endrin aldehyde	6.91	1654200.698			
Endrin ketone	7.62	5279460.198			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2045856758	2115943889	70087131.8	3.31
Endrin aldehyde #2	6.25	28952420.92			
Endrin ketone #2	6.98	41134710.93			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	437206868.4	448485469.3	11278600.9	2.51
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	11278600.9			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3720789661	3833030932	112241271	2.93
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	112241271.2			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 09:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:11:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	68088528	671.3E6	21.864	22.544
28)	SA Decachlor...	9.064	8.059	96941133	647.8E6	20.723	21.387
Target Compounds							
2)	A alpha-BHC	3.993	3.386	67062252	562.6E6	9.344	11.011
3)	MA gamma-BHC...	4.324	3.722	64959730	522.4E6	9.555	11.056
6)	B beta-BHC	4.511	4.017	27570777	223.3E6	10.525	11.261
14)	MA Endrin	6.567	5.778	253.8E6	2045.9E6	51.243	50.523
16)	A 4,4'-DDD	6.698	5.919	11278601	112.2E6	2.782	3.080
17)	MA 4,4'-DDT	7.014	6.171	437.2E6	3720.8E6	106.364	106.087
18)	B Endrin al...	6.910	6.245	1654201	28952421	0.452	1.045 #
20)	A Methoxychlor	7.487	6.742	520.5E6	3689.0E6	244.885	211.673
21)	B Endrin ke...	7.624	6.980	5279460	41134711	1.087	1.091

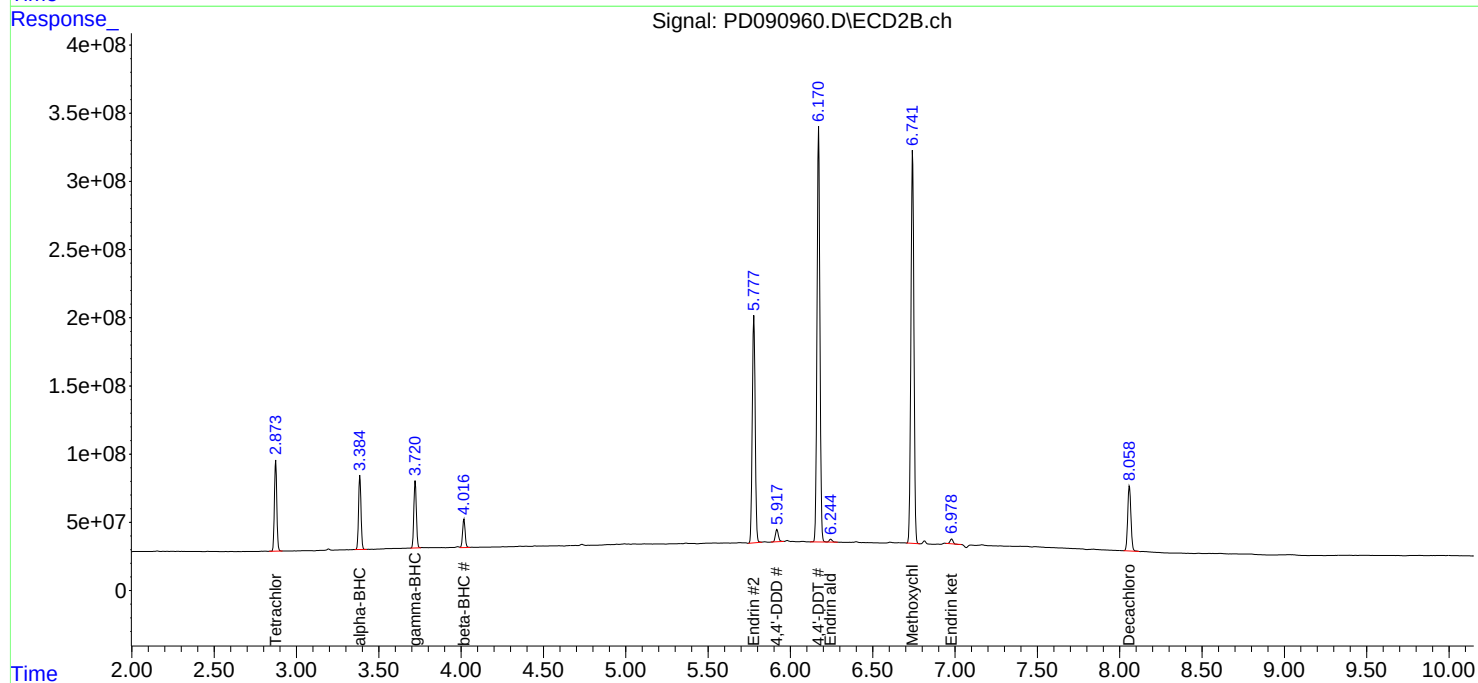
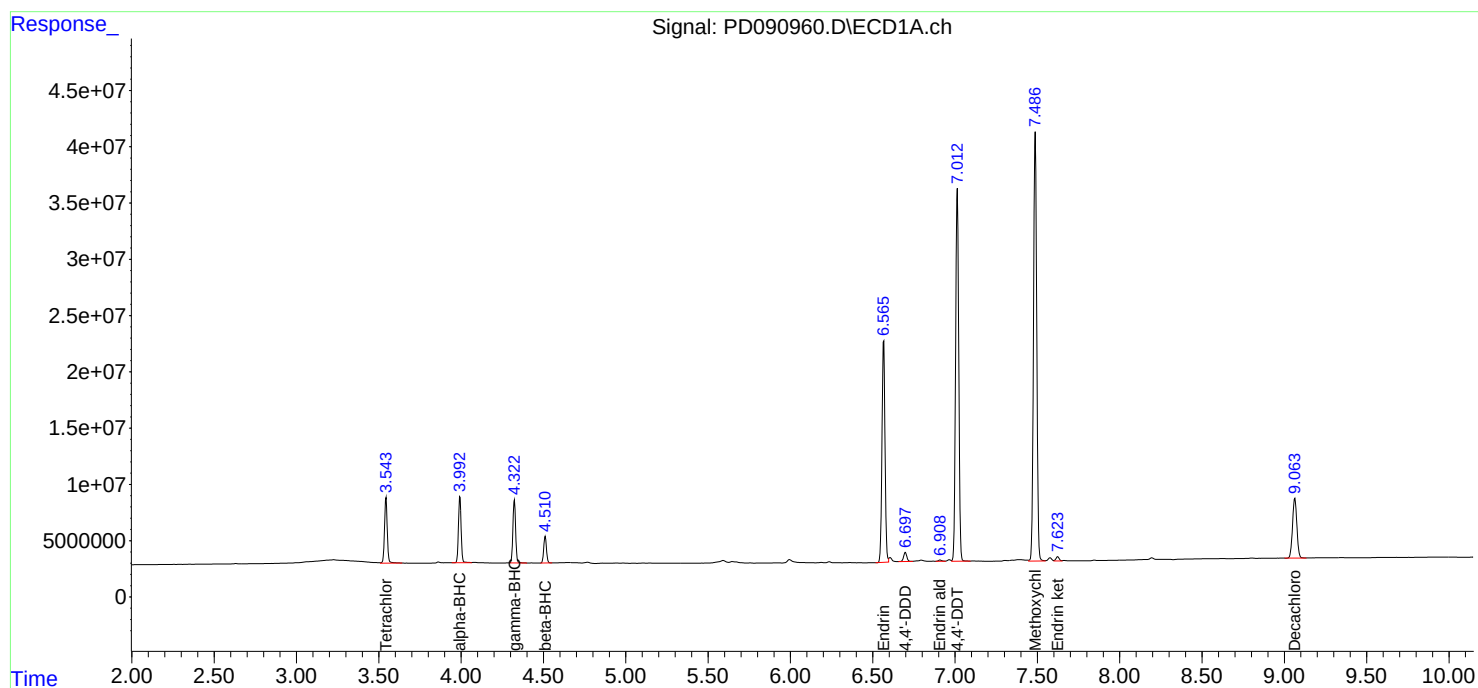
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

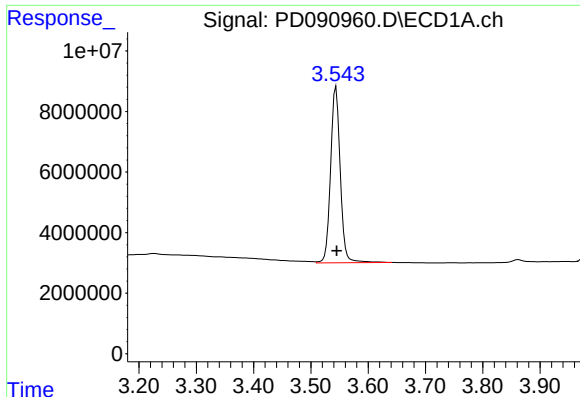
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

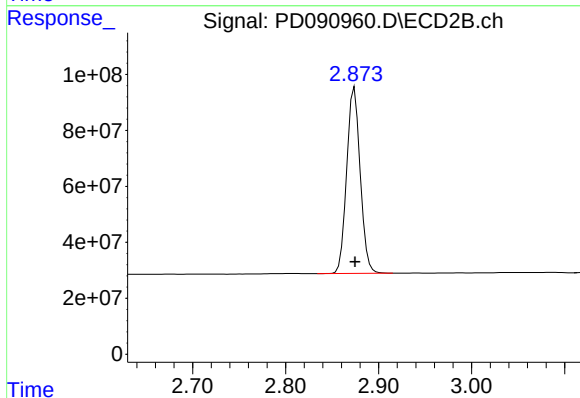




#1 Tetrachloro-m-xylene

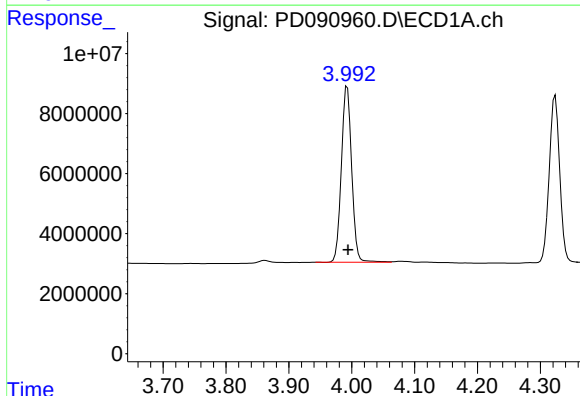
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 68088528
Conc: 21.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



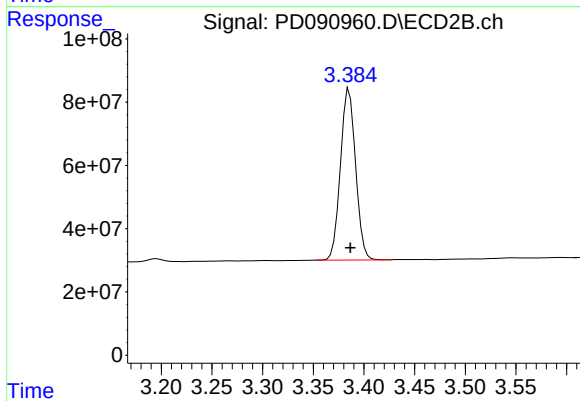
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 671296563
Conc: 22.54 ng/ml



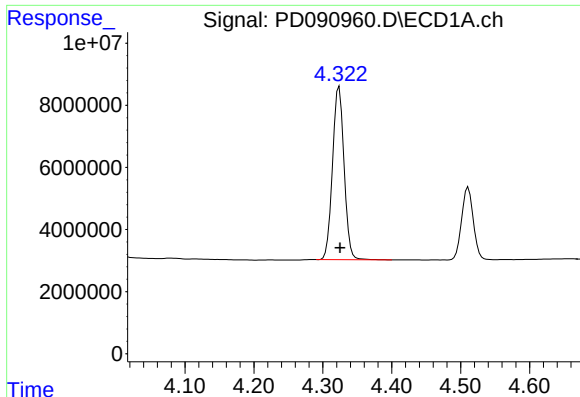
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 67062252
Conc: 9.34 ng/ml



#2 alpha-BHC

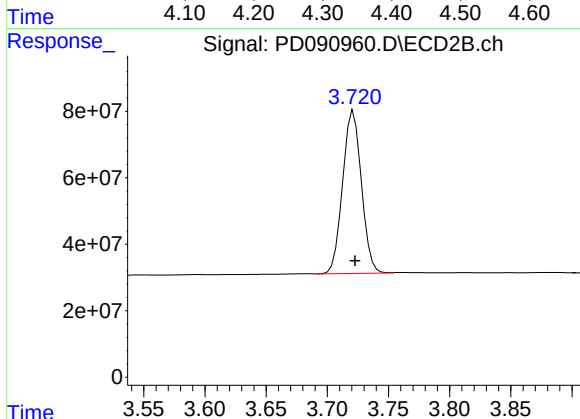
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 562635703
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

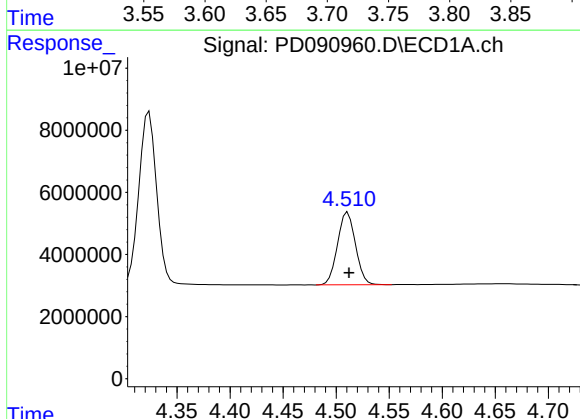
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 64959730
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



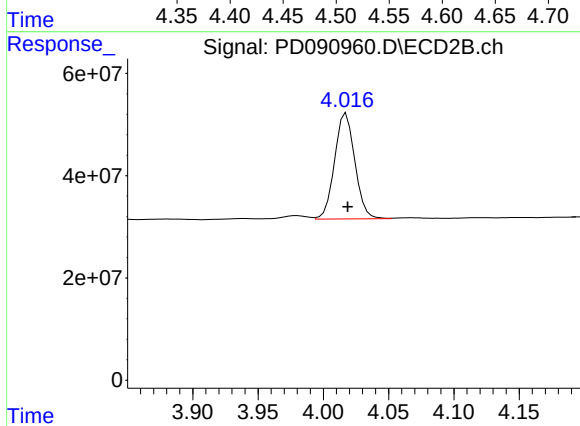
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 522385599
Conc: 11.06 ng/ml



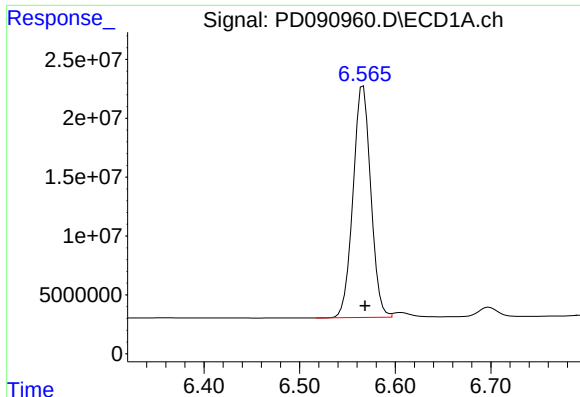
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 27570777
Conc: 10.52 ng/ml



#6 beta-BHC

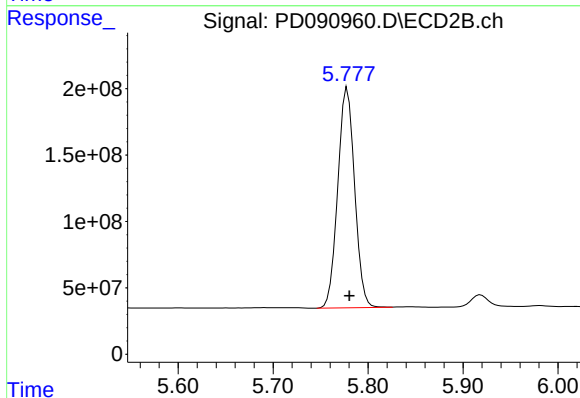
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 223303060
Conc: 11.26 ng/ml



#14 Endrin

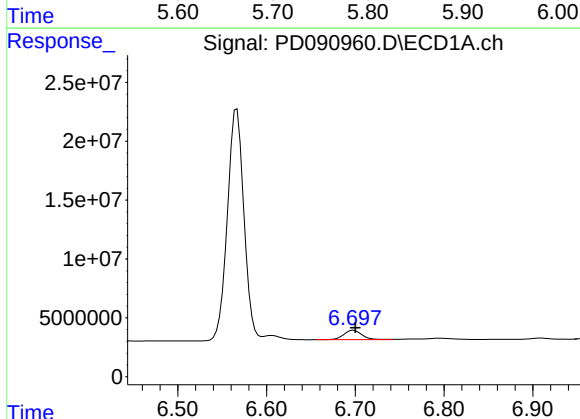
R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 253842480
Conc: 51.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



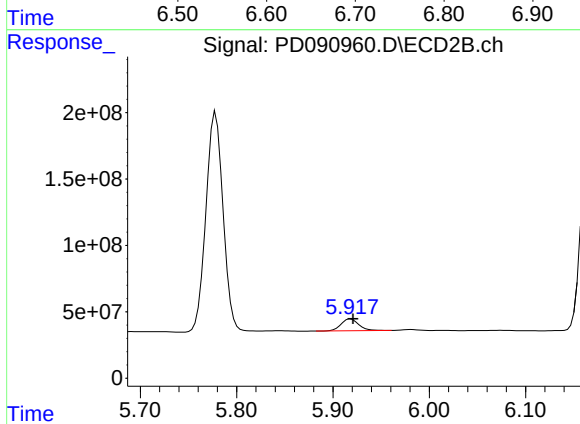
#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2045856758
Conc: 50.52 ng/ml



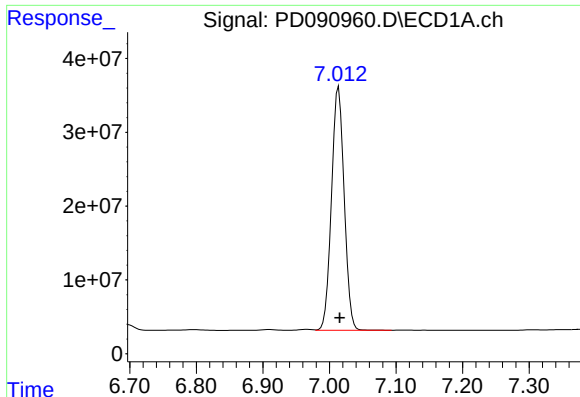
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 11278601
Conc: 2.78 ng/ml



#16 4,4'-DDD

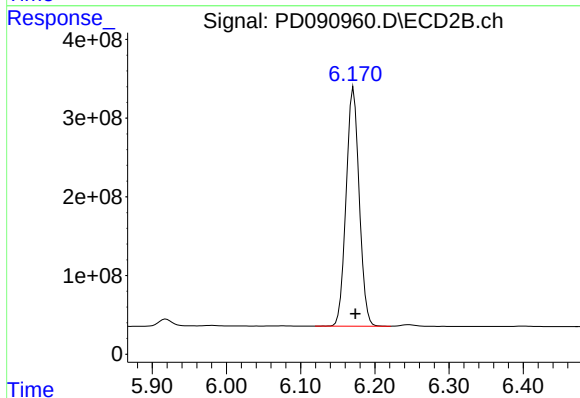
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 112241271
Conc: 3.08 ng/ml



#17 4,4'-DDT

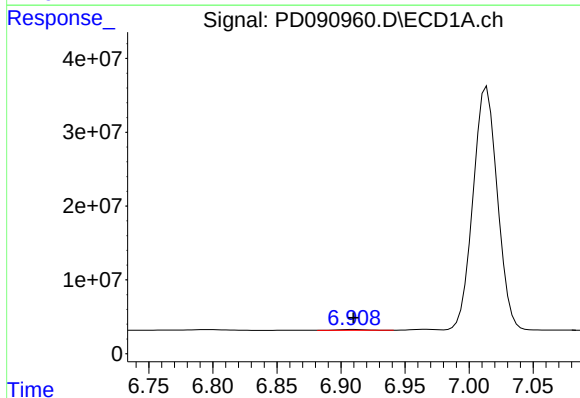
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 437206868
Conc: 106.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



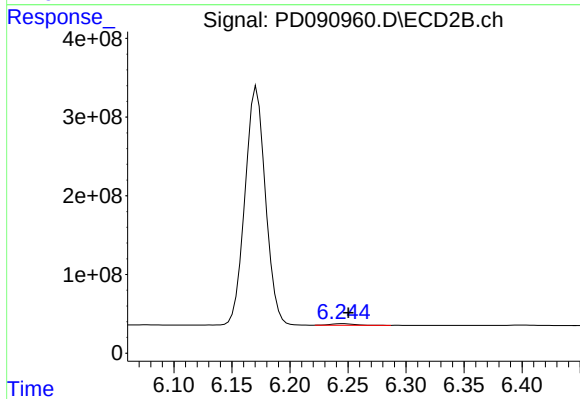
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 3720789661
Conc: 106.09 ng/ml



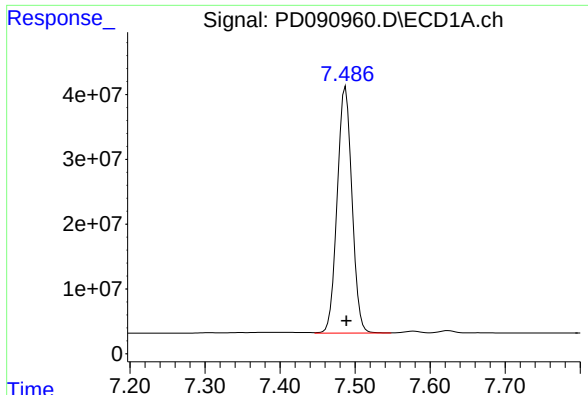
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 1654201
Conc: 0.45 ng/ml



#18 Endrin aldehyde

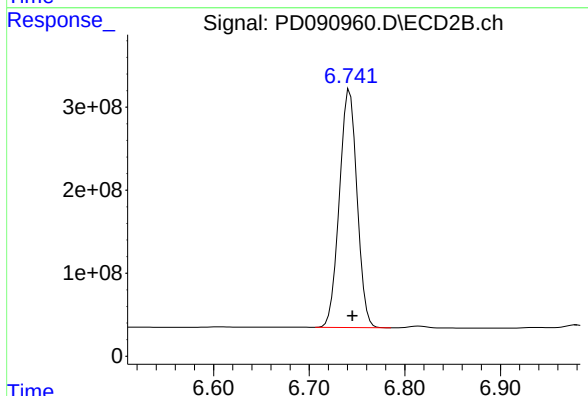
R.T.: 6.245 min
Delta R.T.: -0.005 min
Response: 28952421
Conc: 1.05 ng/ml



#20 Methoxychlor

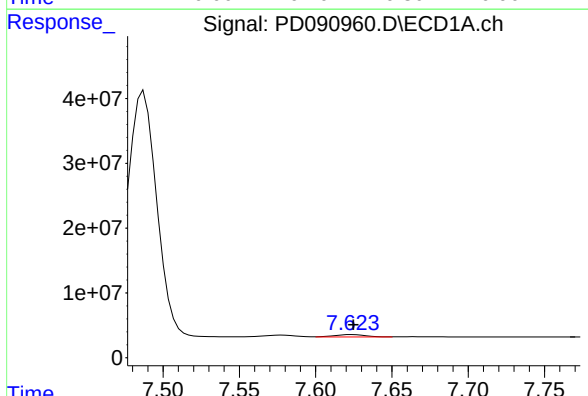
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 520523244
Conc: 244.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



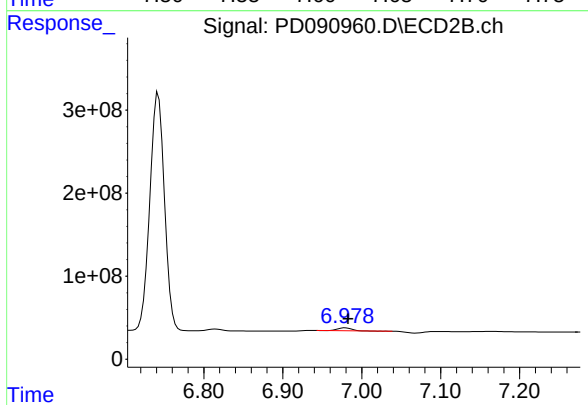
#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3688991084
Conc: 211.67 ng/ml



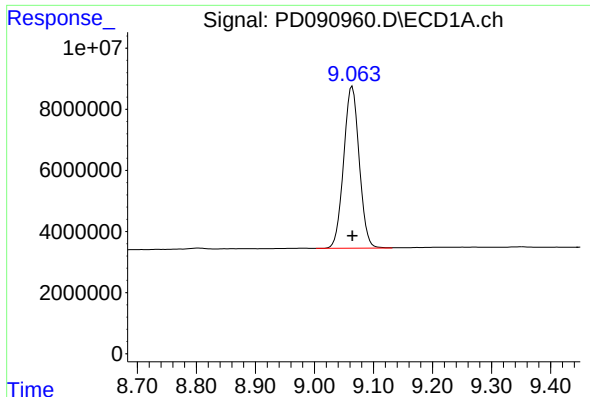
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 5279460
Conc: 1.09 ng/ml



#21 Endrin ketone

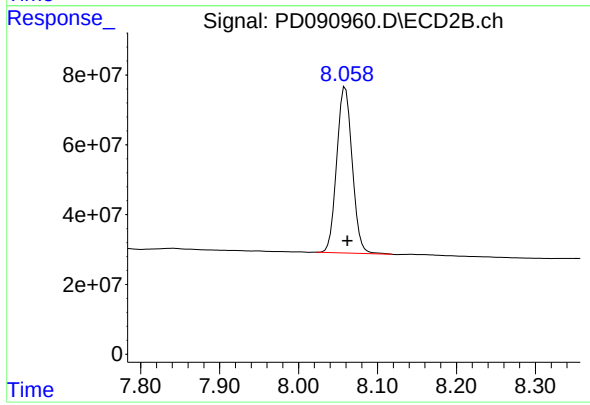
R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 41134711
Conc: 1.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 96941133
Conc: 20.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 647832441
Conc: 21.39 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Title : GC Extractables
Last Update : Fri Oct 17 17:43:28 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.940	100.00%
5.940	6.068	100.00%
6.068	6.190	100.00%
6.190	6.341	100.00%
6.341	7.144	100.00%
7.144	7.488	100.00%
7.488	7.625	100.00%
7.625	9.066	100.00%

Signal #2

2.874	5.116	100.00%
5.116	5.238	100.00%
5.238	5.366	100.00%
5.366	5.503	100.00%
5.503	6.474	100.00%
6.474	6.745	100.00%
6.745	6.983	100.00%
6.983	8.062	100.00%

PD101725.M Sat Oct 25 06:10:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:20
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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...	3.543	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
Target Compounds							
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

RESCHK

Manual Integrations

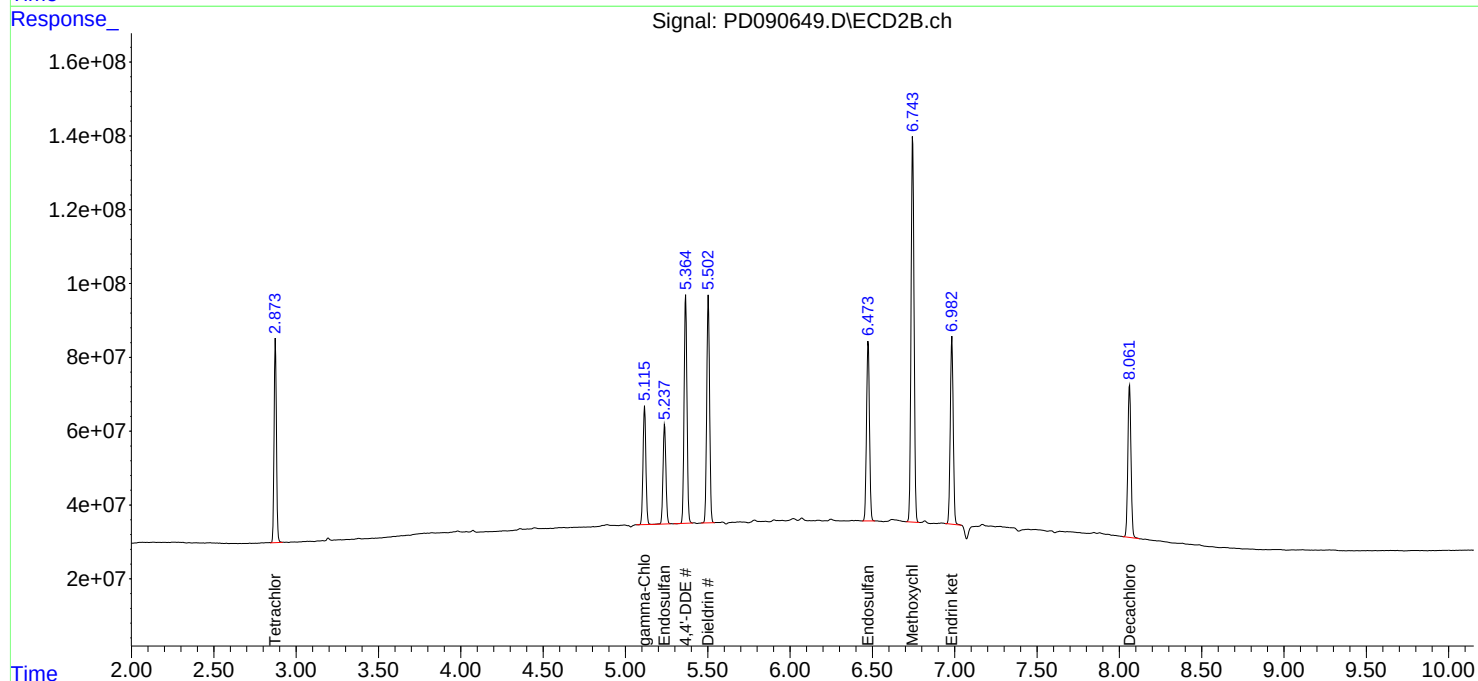
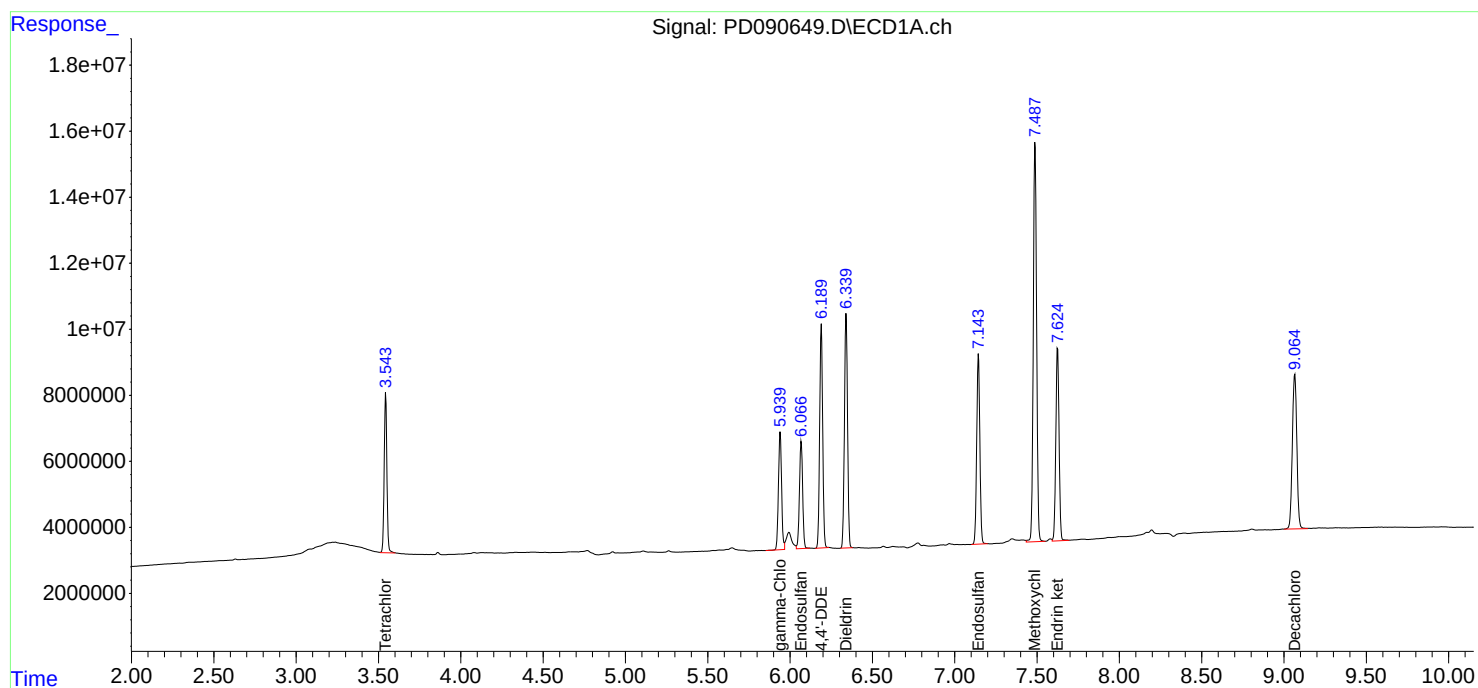
APPROVED

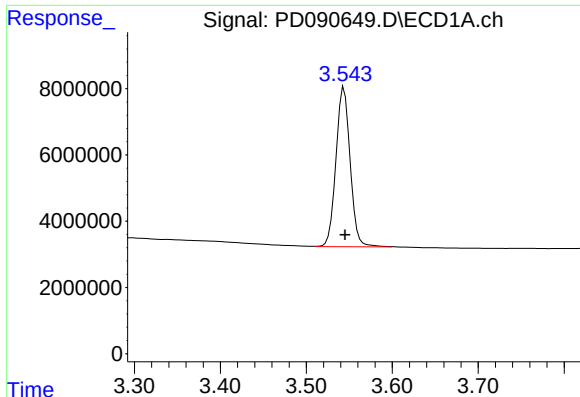
Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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.: 3.543 min
Delta R.T.: -0.002 min
Response: 55125186
Conc: 17.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

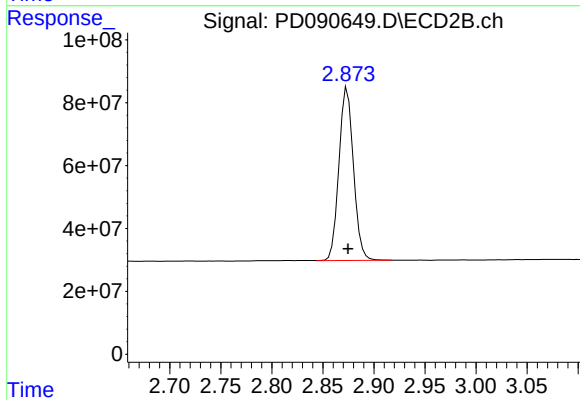
RESCHK

Manual Integrations

APPROVED

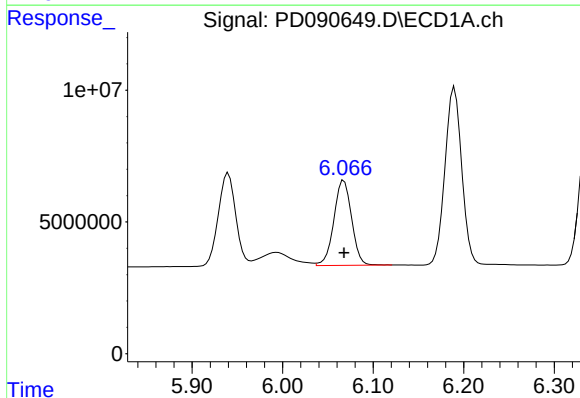
Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025



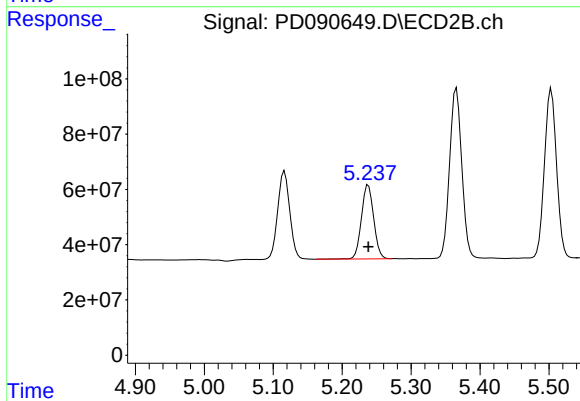
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 545126372
Conc: 18.31 ng/ml



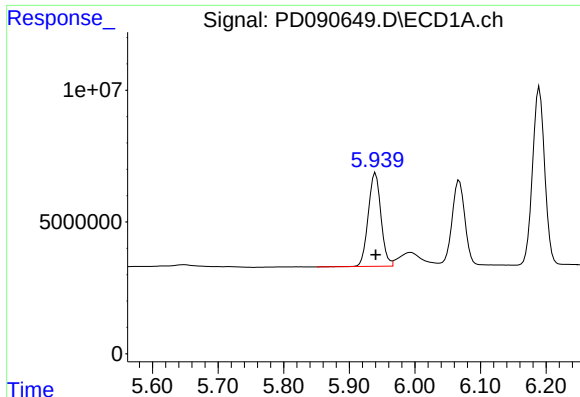
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 43926319
Conc: 7.93 ng/ml



#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 330745194
Conc: 8.40 ng/ml



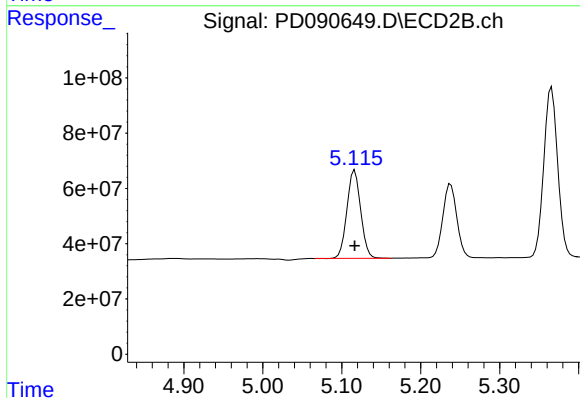
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 47696248
Conc: 8.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

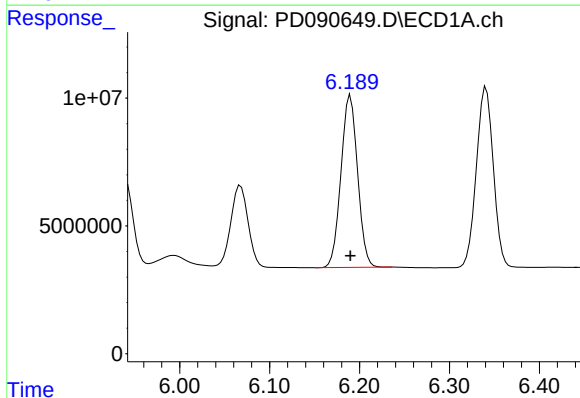
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



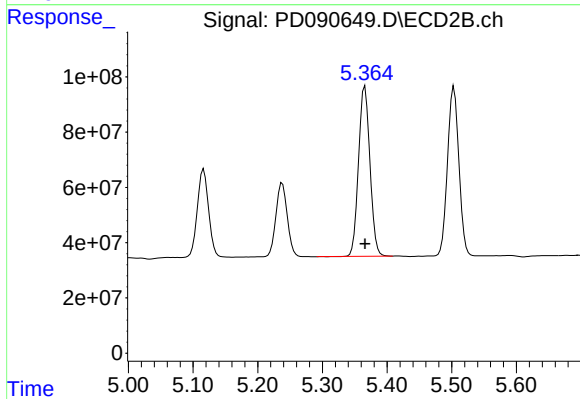
#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 387274886
Conc: 8.62 ng/ml



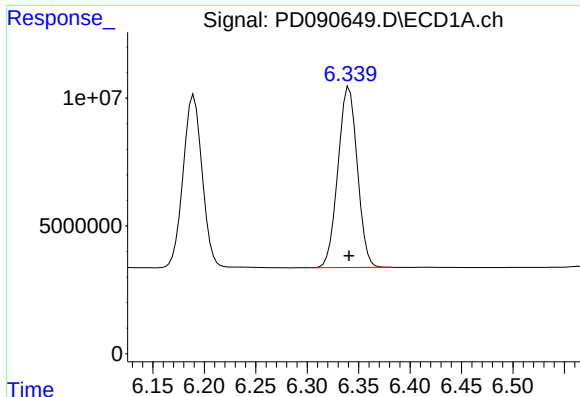
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 86477351
Conc: 16.23 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 754114700
Conc: 17.20 ng/ml



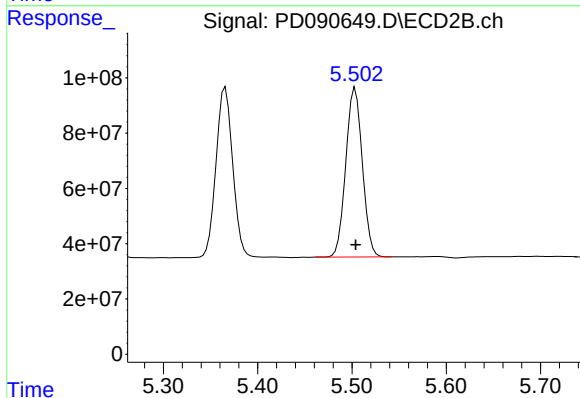
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 92552800
Conc: 15.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

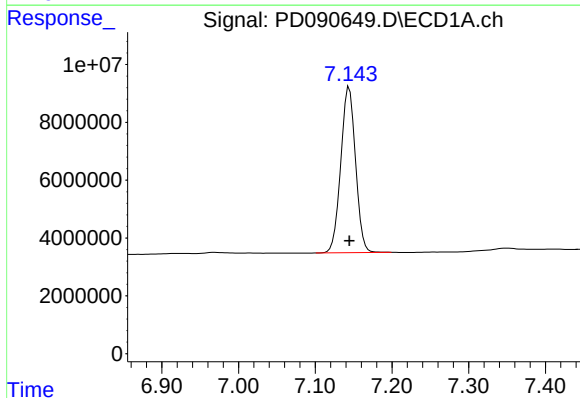
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



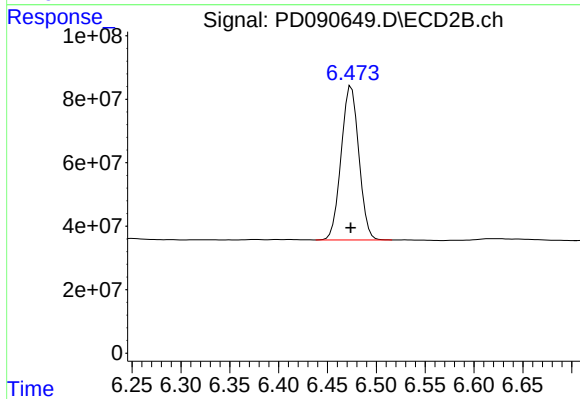
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 748035470
Conc: 16.93 ng/ml



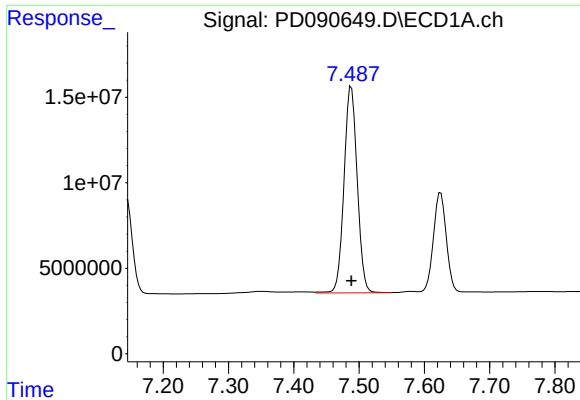
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 76754913
Conc: 16.55 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 612147653
Conc: 17.08 ng/ml



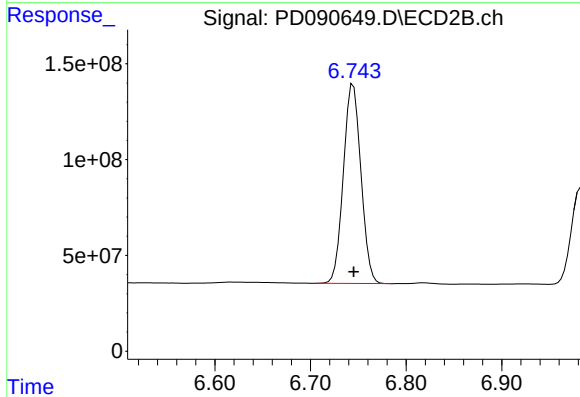
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 169715831
Conc: 79.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

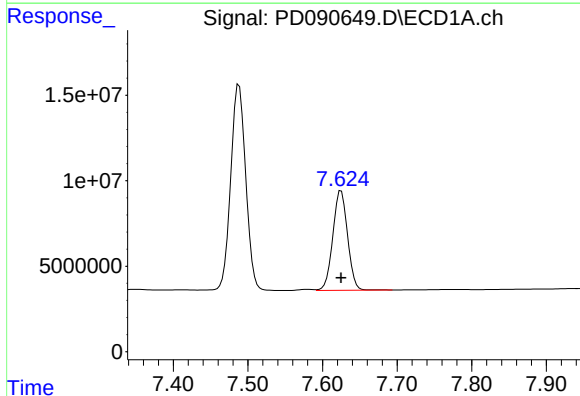
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



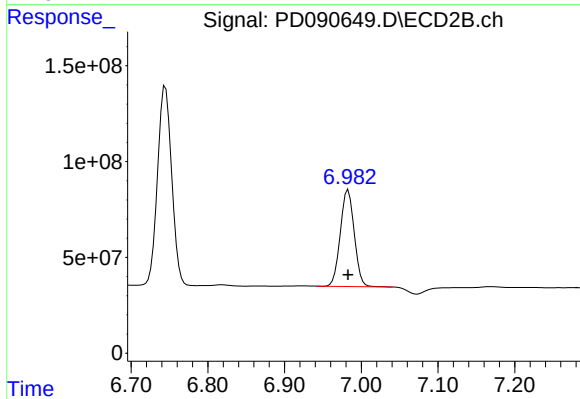
#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1331648566
Conc: 76.41 ng/ml



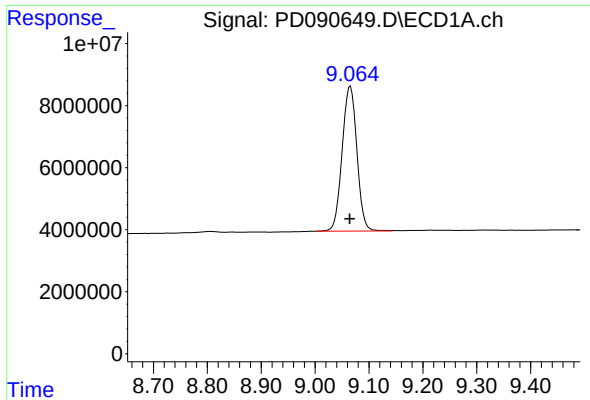
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 80182457
Conc: 16.50 ng/ml



#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 638061752
Conc: 16.92 ng/ml



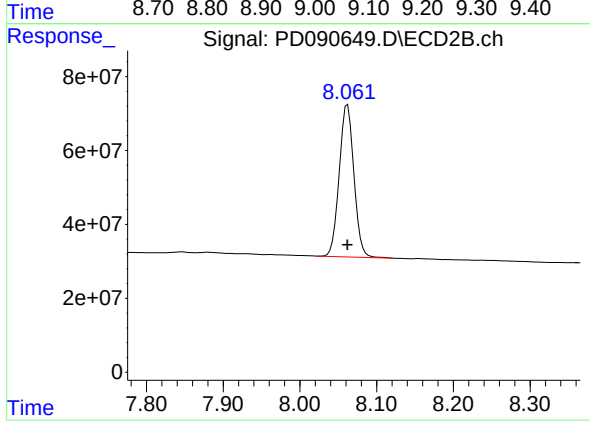
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 88858238
Conc: 19.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 547910430
Conc: 18.09 ng/ml

Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3447

Project: RFP 905

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/17/2025 10/17/2025

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	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
IBLK	IBLK	10/28/2025	09:42	PD090867.D	9.06	3.54
PEM	PEM	10/28/2025	09:55	PD090868.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	10:46	PD090869.D	9.07	3.55
P001-TW1-251023-01	Q3447-02	10/28/2025	11:40	PD090873.D	9.06	3.54
P001-TW1-251023-01MS	Q3447-02MS	10/28/2025	11:54	PD090874.D	9.06	3.54
P001-TW1-251023-01MSD	Q3447-02MSD	10/28/2025	12:08	PD090875.D	9.06	3.54
P001-TW2-251023-01	Q3447-04	10/28/2025	12:21	PD090876.D	9.06	3.54
P001-TW3-251023-01	Q3447-06	10/28/2025	12:35	PD090877.D	9.06	3.54
P001-TW4-251023-01	Q3447-08	10/28/2025	12:48	PD090878.D	9.06	3.54
IBLK	IBLK	10/28/2025	13:16	PD090879.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	13:50	PD090880.D	9.07	3.55
PB170239TB	PB170239TB	10/28/2025	15:42	PD090883.D	9.07	3.55
PB170270BS	PB170270BS	10/28/2025	15:55	PD090884.D	9.06	3.54
IBLK	IBLK	10/28/2025	17:38	PD090891.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	17:52	PD090892.D	9.06	3.54
IBLK	IBLK	11/05/2025	09:20	PD090959.D	9.06	3.54
PEM	PEM	11/05/2025	09:34	PD090960.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/05/2025	09:47	PD090961.D	9.06	3.54
PB170270BL	PB170270BL	11/05/2025	10:12	PD090962.D	9.07	3.55
IBLK	IBLK	11/05/2025	11:34	PD090968.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/05/2025	11:47	PD090969.D	9.07	3.54

Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3447

Project: RFP 905

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/17/2025 10/17/2025

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	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
IBLK	IBLK	10/28/2025	09:42	PD090867.D	8.06	2.87
PEM	PEM	10/28/2025	09:55	PD090868.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	10:46	PD090869.D	8.06	2.87
P001-TW1-251023-01	Q3447-02	10/28/2025	11:40	PD090873.D	8.06	2.87
P001-TW1-251023-01MS	Q3447-02MS	10/28/2025	11:54	PD090874.D	8.06	2.87
P001-TW1-251023-01MSD	Q3447-02MSD	10/28/2025	12:08	PD090875.D	8.06	2.87
P001-TW2-251023-01	Q3447-04	10/28/2025	12:21	PD090876.D	8.06	2.87
P001-TW3-251023-01	Q3447-06	10/28/2025	12:35	PD090877.D	8.06	2.87
P001-TW4-251023-01	Q3447-08	10/28/2025	12:48	PD090878.D	8.06	2.87
IBLK	IBLK	10/28/2025	13:16	PD090879.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	13:50	PD090880.D	8.06	2.87
PB170239TB	PB170239TB	10/28/2025	15:42	PD090883.D	8.06	2.87
PB170270BS	PB170270BS	10/28/2025	15:55	PD090884.D	8.06	2.87
IBLK	IBLK	10/28/2025	17:38	PD090891.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	17:52	PD090892.D	8.06	2.87
IBLK	IBLK	11/05/2025	09:20	PD090959.D	8.06	2.87
PEM	PEM	11/05/2025	09:34	PD090960.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/05/2025	09:47	PD090961.D	8.06	2.87
PB170270BL	PB170270BL	11/05/2025	10:12	PD090962.D	8.06	2.87
IBLK	IBLK	11/05/2025	11:34	PD090968.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/05/2025	11:47	PD090969.D	8.06	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-TW1-251023-01MS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: Q3447-02MS

Date(s) Analyzed: 10/28/2025 10/28/2025

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	5.30	7.8
	2	6.74	6.69	6.79	4.90	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	4.40	12
	2	3.72	3.67	3.77	3.90	
Heptachlor	1	4.92	4.87	4.97	5.30	25.5
	2	4.07	4.02	4.12	4.10	
Heptachlor epoxide	1	5.68	5.63	5.73	4.90	17.8
	2	4.86	4.81	4.91	4.10	
Endrin	1	6.57	6.52	6.62	5.90	29.1
	2	5.78	5.73	5.83	4.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-TW1-251023-01MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: Q3447-02MSD

Date(s) Analyzed: 10/28/2025 10/28/2025

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	5.30	7.8
	2	6.74	6.69	6.79	4.90	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	4.50	14.3
	2	3.72	3.67	3.77	3.90	
Heptachlor	1	4.92	4.87	4.97	5.30	25.5
	2	4.07	4.02	4.12	4.10	
Heptachlor epoxide	1	5.68	5.63	5.73	4.90	17.8
	2	4.86	4.81	4.91	4.10	
Endrin	1	6.57	6.52	6.62	5.90	29.1
	2	5.78	5.73	5.83	4.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170270BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3447

Lab Sample ID: PB170270BS

Date(s) Analyzed: 10/28/2025 10/28/2025

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	0.48	0.8
	2	6.74	6.69	6.79	0.47	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.47	4.2
	2	3.72	3.67	3.77	0.45	
Heptachlor	1	4.92	4.87	4.97	0.56	18.3
	2	4.07	4.02	4.12	0.46	
Heptachlor epoxide	1	5.68	5.63	5.73	0.49	7.5
	2	4.86	4.81	4.91	0.45	
Endrin	1	6.57	6.52	6.62	0.47	1.6
	2	5.78	5.73	5.83	0.46	



QC SAMPLE DATA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected:	
Project: RFP 905	Date Received:	
Client Sample ID: PB170270BL	SDG No.:	Q3447
Lab Sample ID: PB170270BL	Matrix:	TCLP
Analytical Method: 8081B	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	TCLP Pesticide
Prep Method: 3510C	Final Vol: 10000 uL	
	Prep Date: 10/27/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/05/25 10:12	PB170270
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/05/25 10:12	PB170270
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/05/25 10:12	PB170270
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/05/25 10:12	PB170270
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/05/25 10:12	PB170270
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/05/25 10:12	PB170270
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/05/25 10:12	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.4			57 - 171	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.8			61 - 148	104%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD110525\
Data File : PD090962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 10:12
Operator : AR\AJ
Sample : PB170270BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170270BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.551	2.874	62369854	619.6E6	20.028	20.809
28)	SA Decachlor...	9.072	8.061	94945971	619.0E6	20.296	20.436

Target Compounds

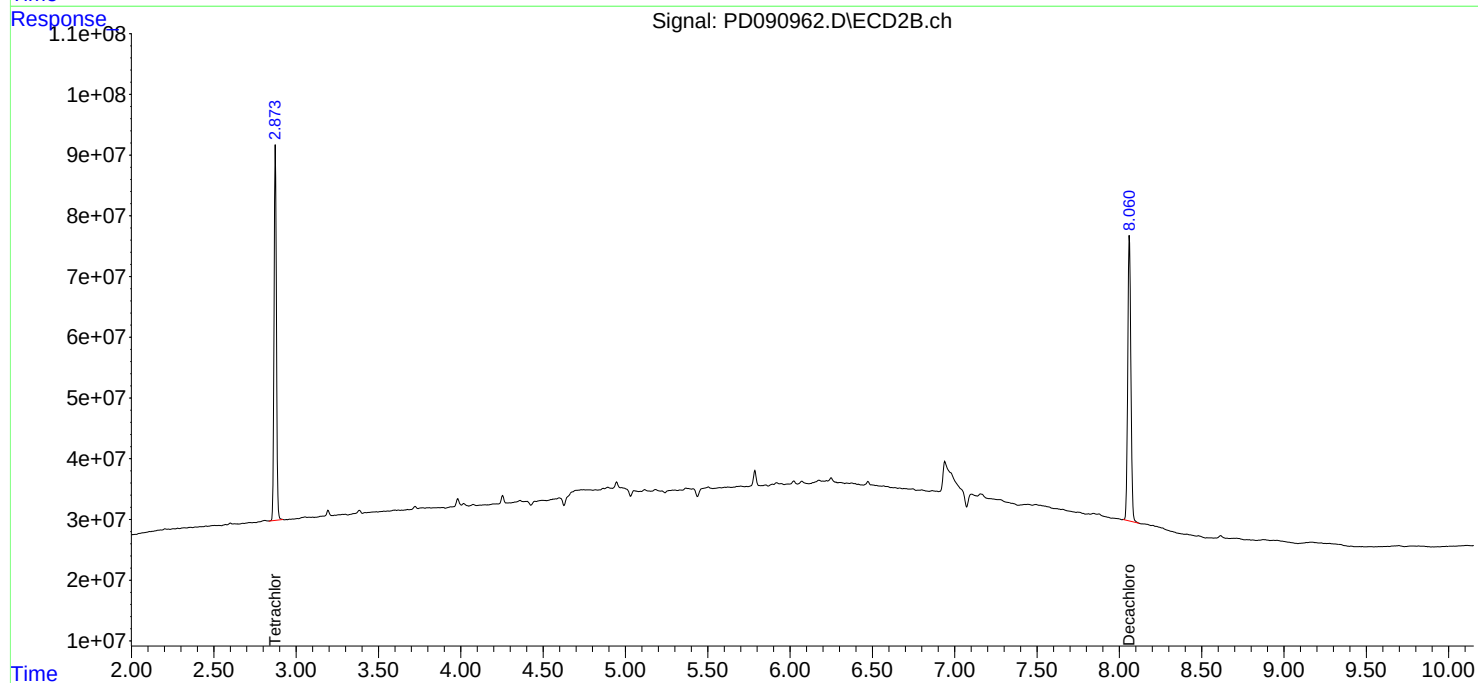
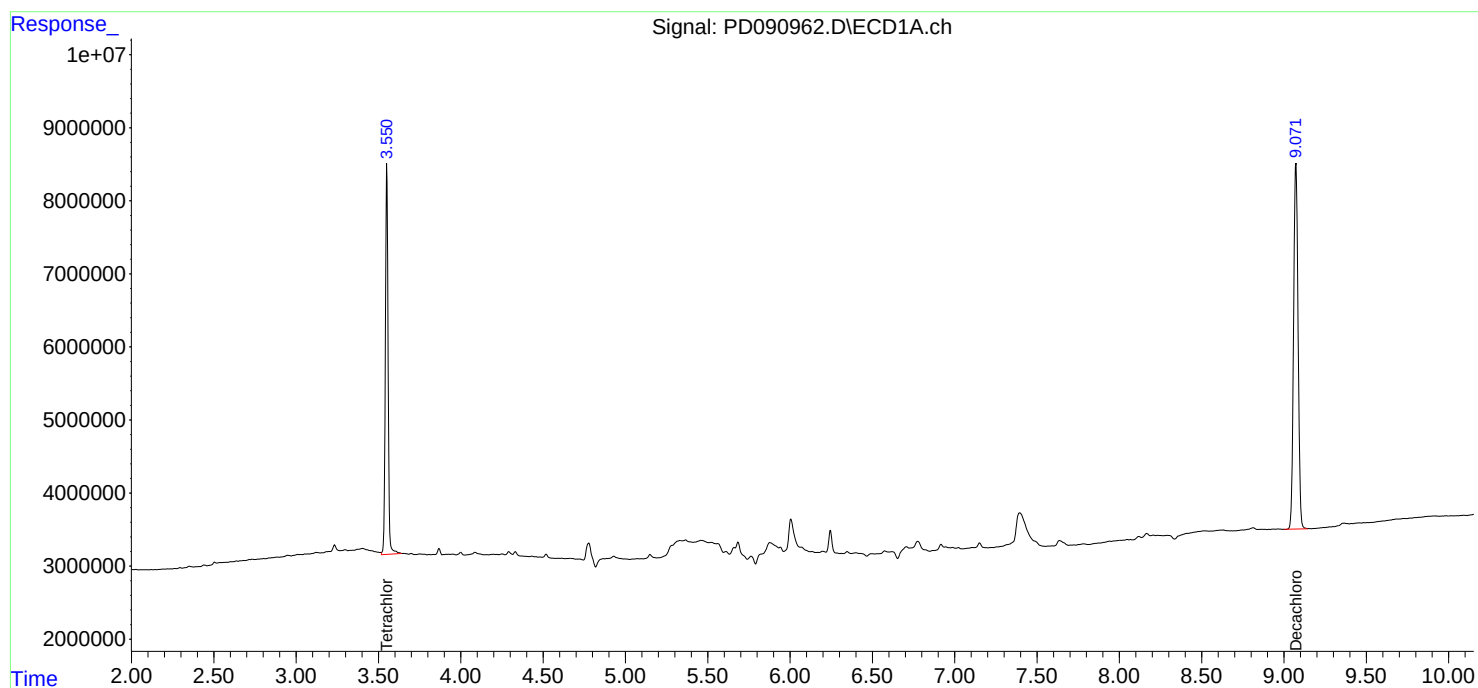
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

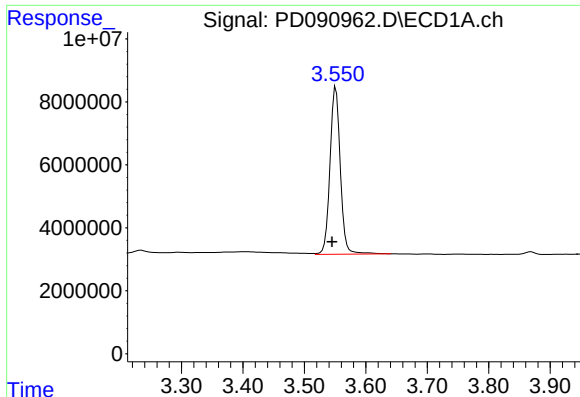
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 10:12
Operator : AR\AJ
Sample : PB170270BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170270BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

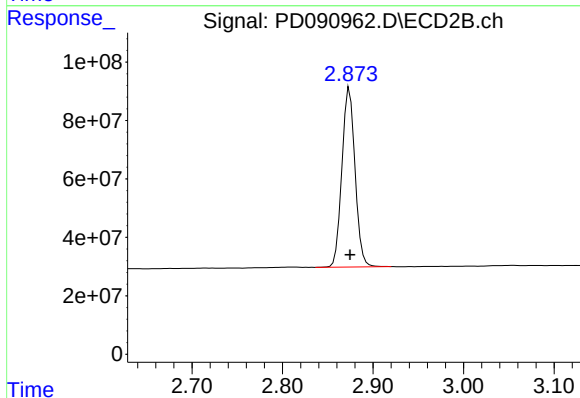




#1 Tetrachloro-m-xylene

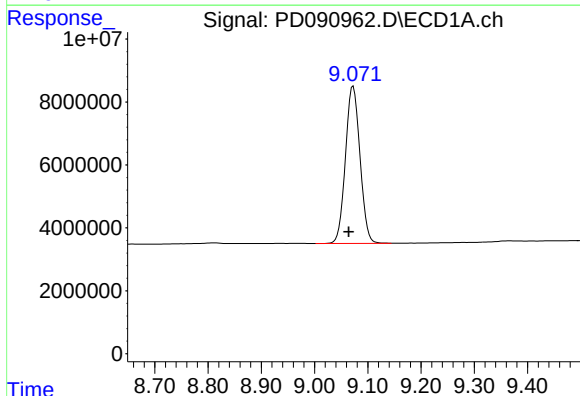
R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 62369854
Conc: 20.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BL



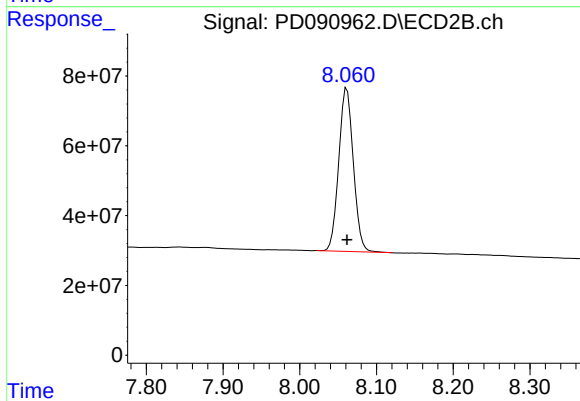
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 619618370
Conc: 20.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.008 min
Response: 94945971
Conc: 20.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 619040959
Conc: 20.44 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/17/25	
Project: RFP 905	Date Received: 10/17/25	
Client Sample ID: PIBLK-PD090647.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090647.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Final Vol: 10000 uL	Test: TCLP Pesticide
Prep Method: 3510C	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
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 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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	60526543	594.5E6	19.436	19.964
28)	SA Decachlor...	9.066	8.062	99514776	616.2E6	21.273	20.342

Target Compounds

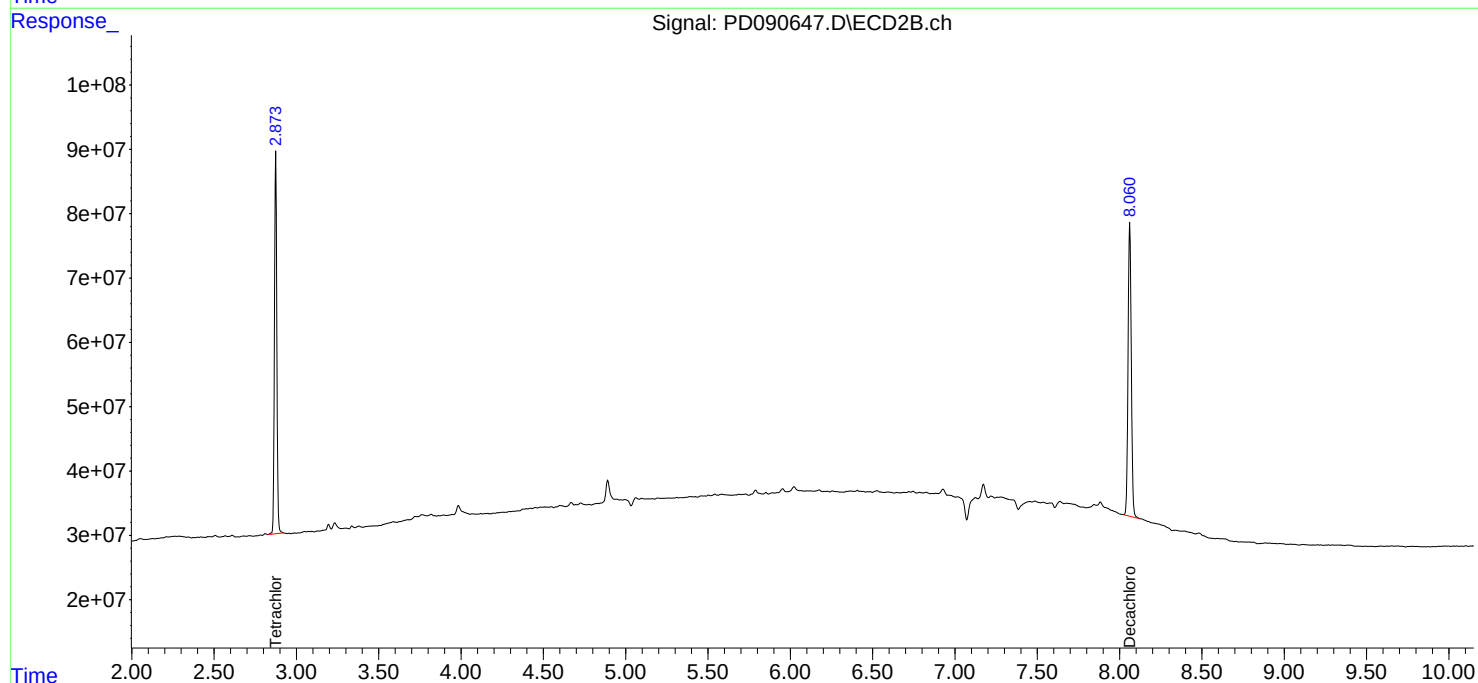
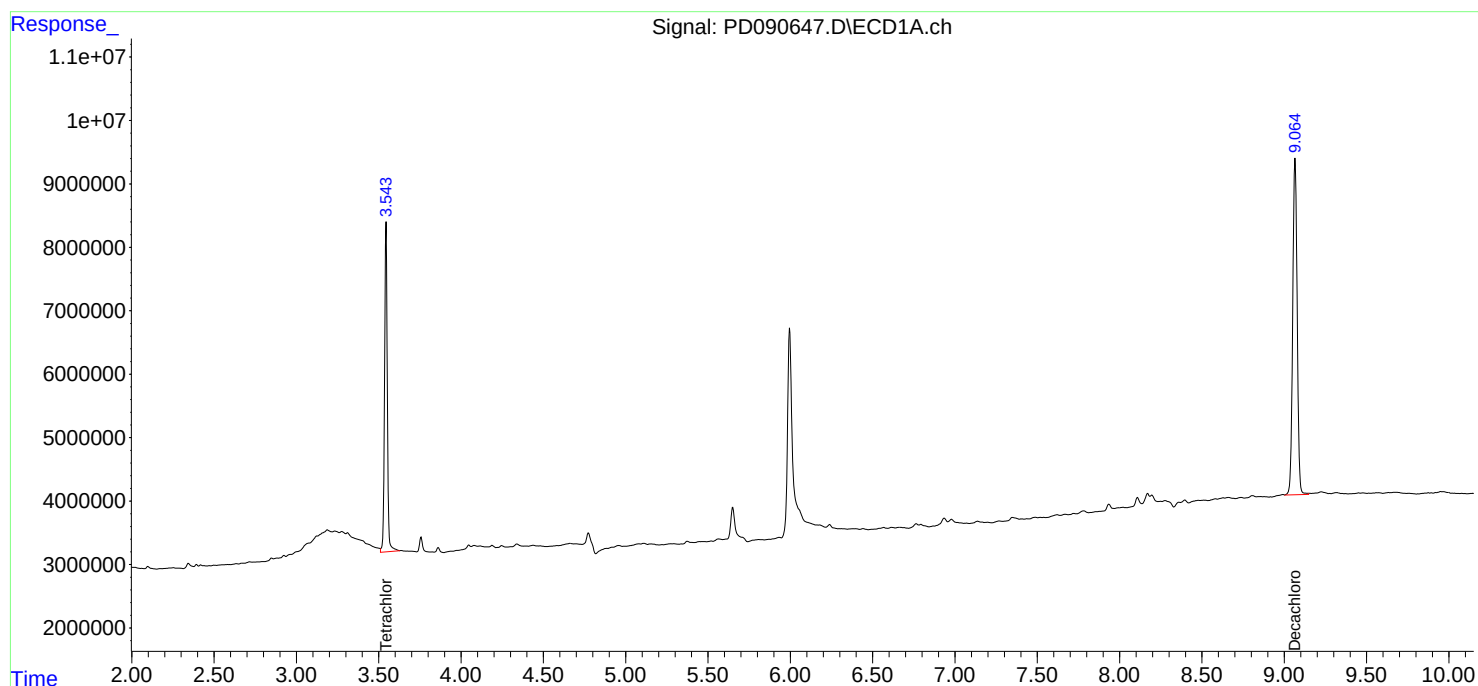
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

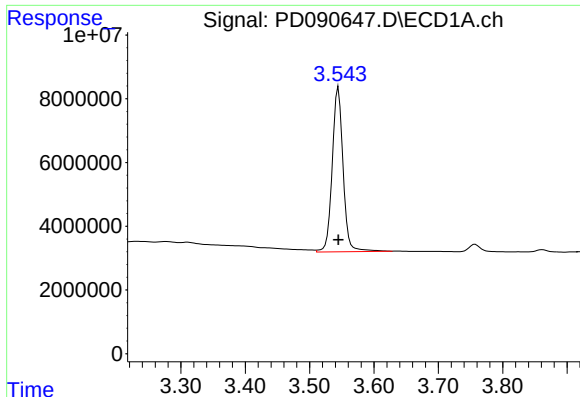
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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

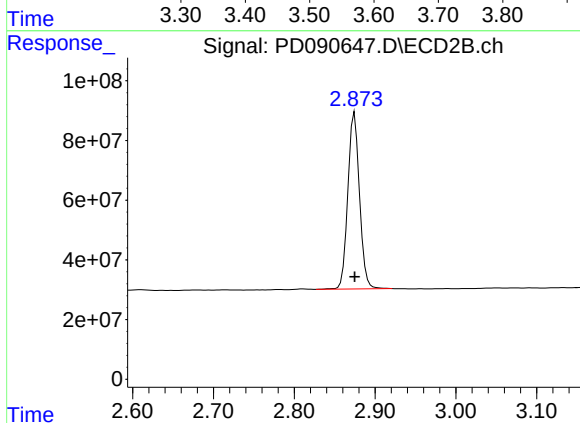




#1 Tetrachloro-m-xylene

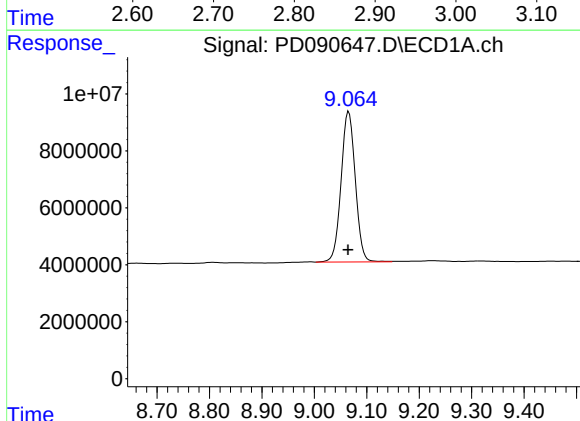
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60526543
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



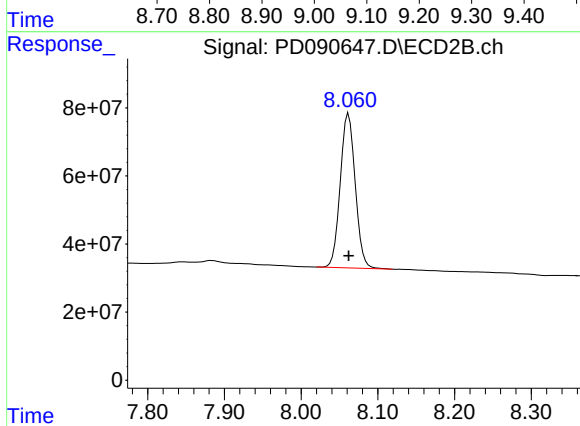
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 594475365
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 99514776
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 616188932
Conc: 20.34 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/28/25	
Project: RFP 905	Date Received: 10/28/25	
Client Sample ID: PIBLK-PD090867.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090867.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date:

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.7			57 - 171	124%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.9			61 - 148	110%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:42
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 29 01:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	67709072	653.7E6	21.742	21.953
2) SA Decachlor...	9.062	8.057	102.9E6	749.2E6	21.996	24.733

Target Compounds

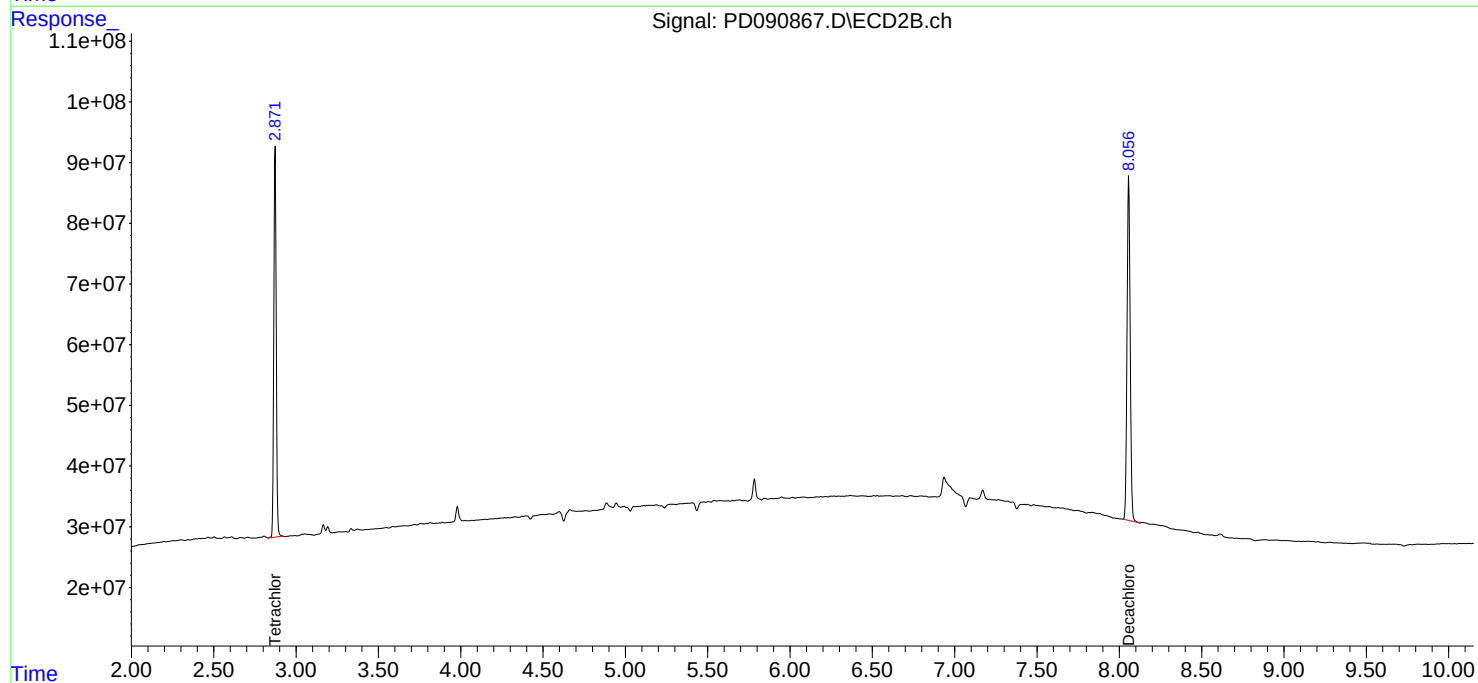
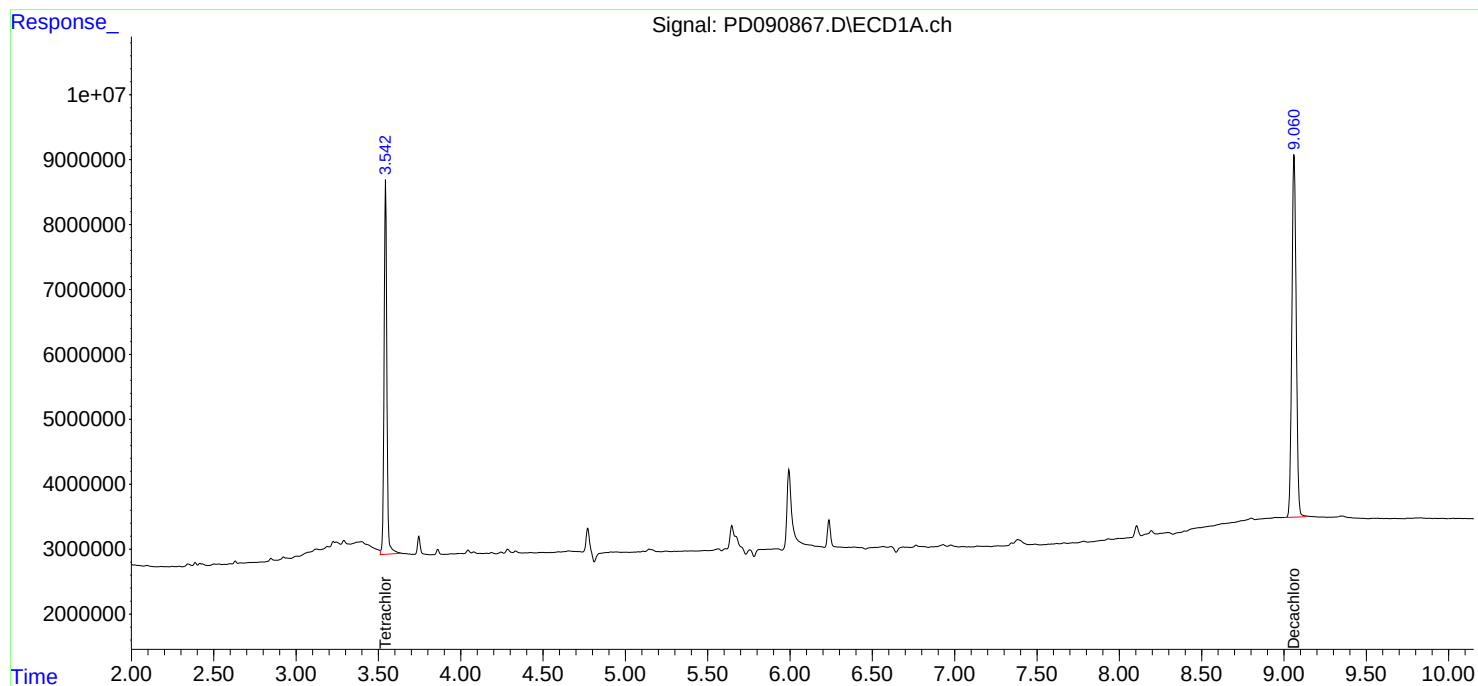
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

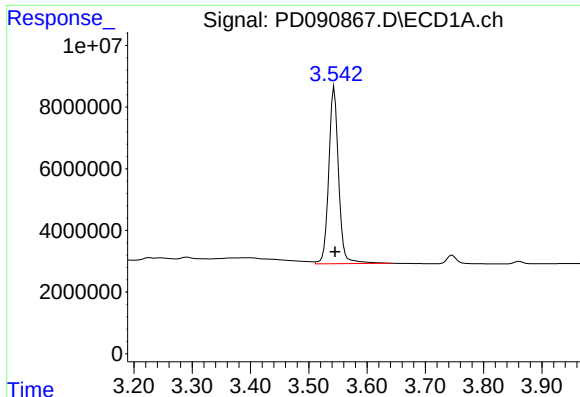
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

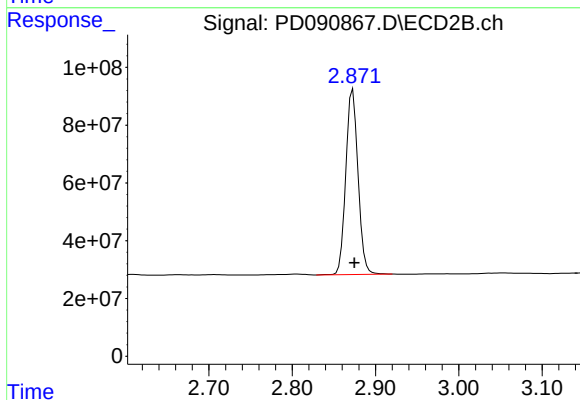




#1 Tetrachloro-m-xylene

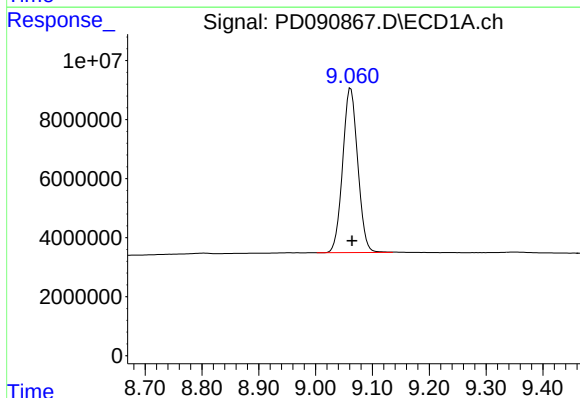
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 67709072
Conc: 21.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



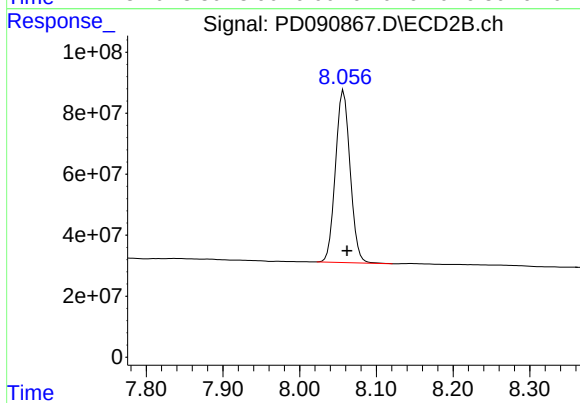
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 653704266
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 102894638
Conc: 22.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 749199813
Conc: 24.73 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/28/25	
Project: RFP 905	Date Received: 10/28/25	
Client Sample ID: PIBLK-PD090879.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090879.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.9			57 - 171	125%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.8			61 - 148	109%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:16
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 29 01:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.874	67223460	649.7E6	21.586	21.819
28) SA Decachlor...	9.062	8.058	107.9E6	755.2E6	23.072	24.931

Target Compounds

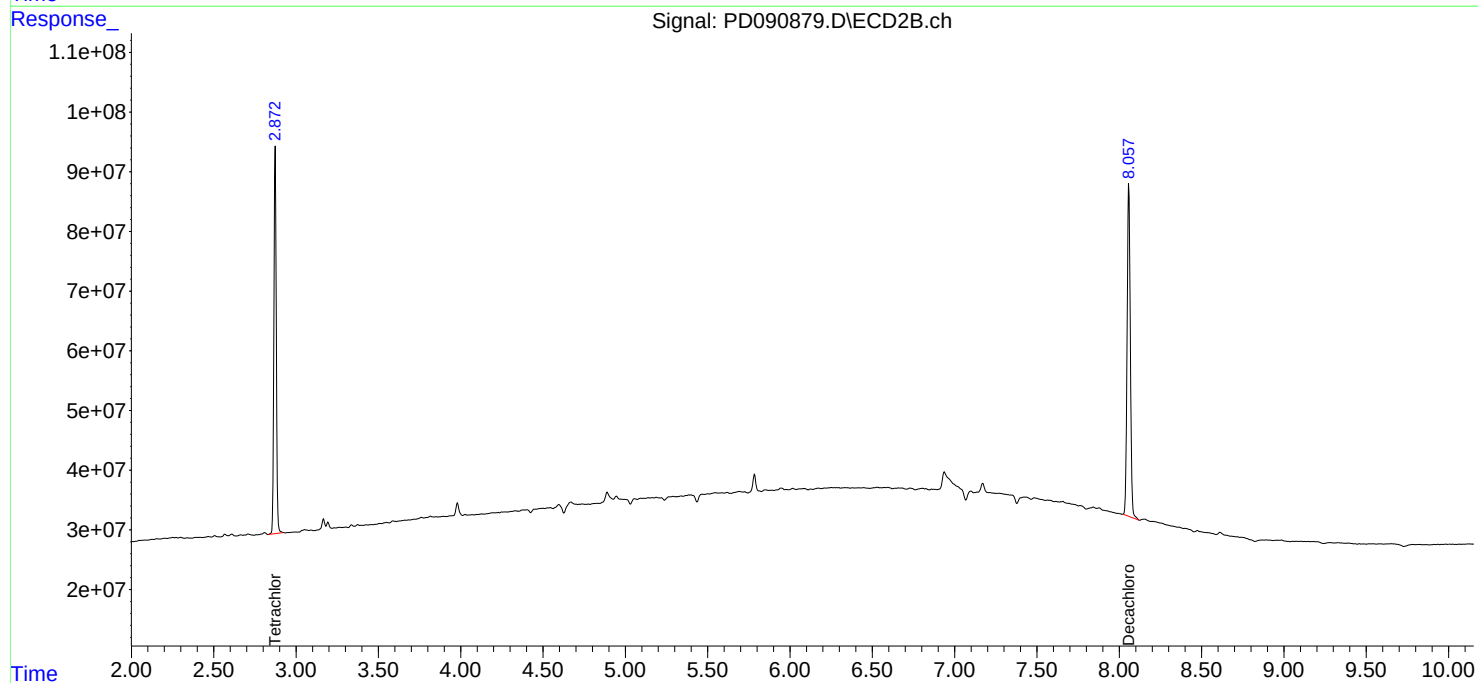
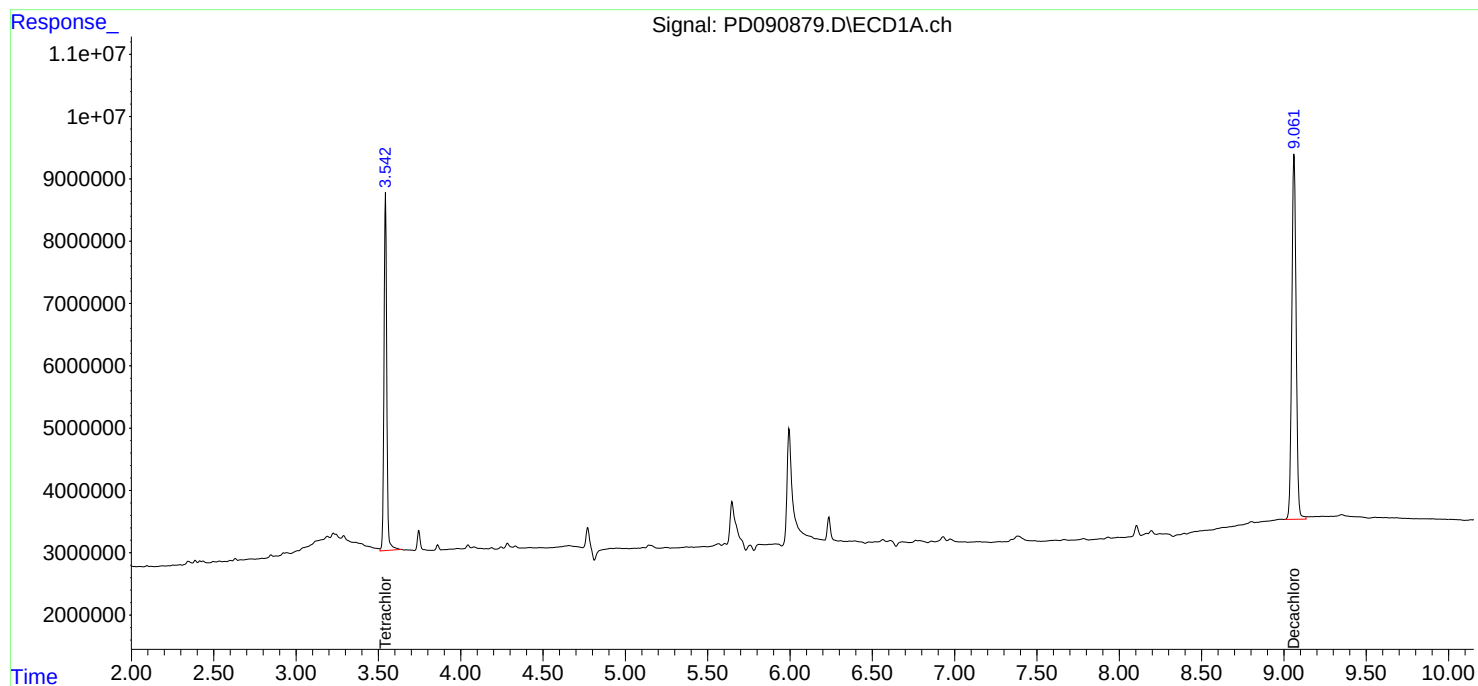
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:16
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

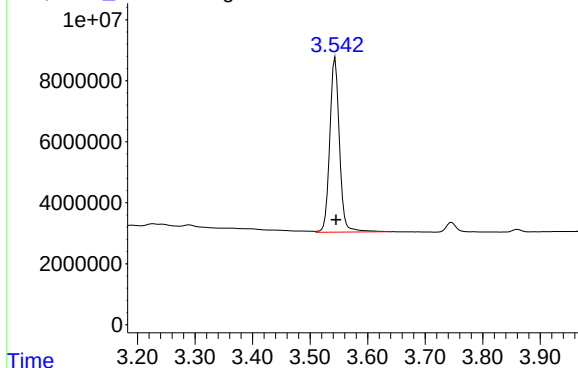
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD090879.D\ECD1A.ch

#1 Tetrachloro-m-xylene

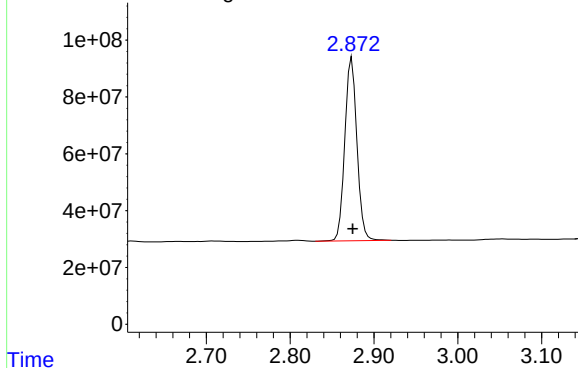


R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 67223460
Conc: 21.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

Response_ Signal: PD090879.D\ECD2B.ch

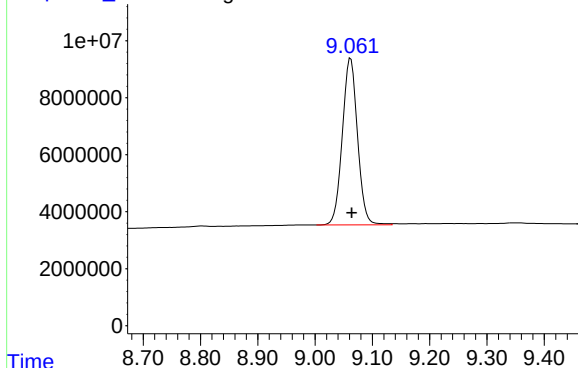
#1 Tetrachloro-m-xylene



R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 649694696
Conc: 21.82 ng/ml

Response_ Signal: PD090879.D\ECD1A.ch

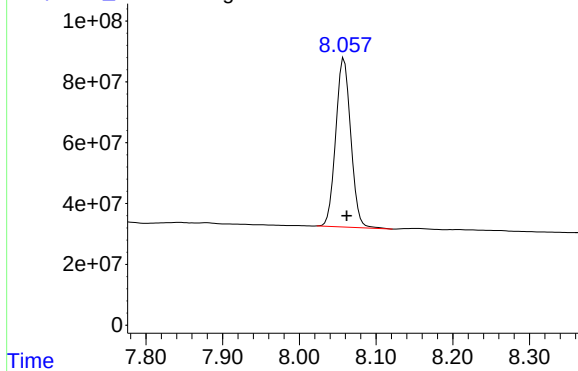
#28 Decachlorobiphenyl



R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 107930926
Conc: 23.07 ng/ml

Response_ Signal: PD090879.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 755208643
Conc: 24.93 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/28/25	
Project: RFP 905	Date Received: 10/28/25	
Client Sample ID: PIBLK-PD090891.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090891.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.0			57 - 171	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.6			61 - 148	108%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
Data File : PD090891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 17:38
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 29 01:45:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	66946466	643.8E6	21.497	21.620
28) SA Decachlor...	9.062	8.058	106.7E6	696.9E6	22.815	23.007

Target Compounds

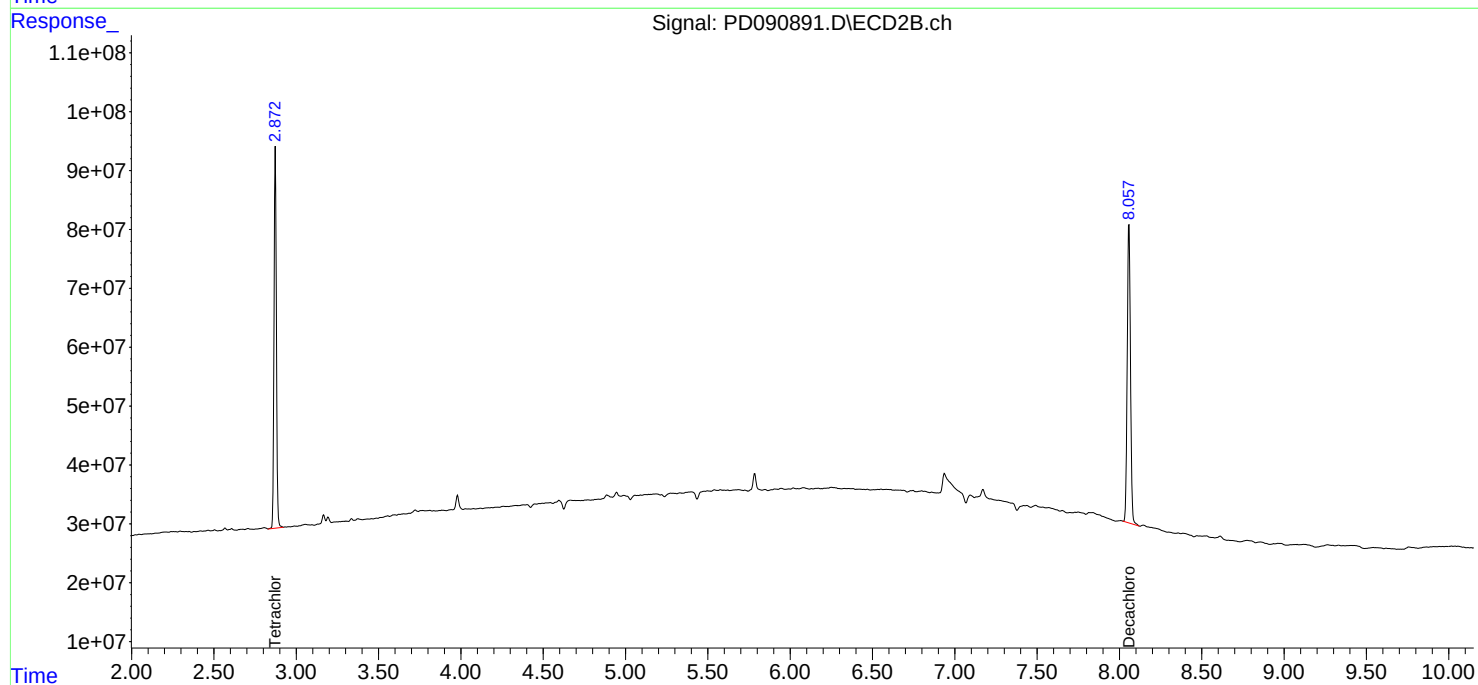
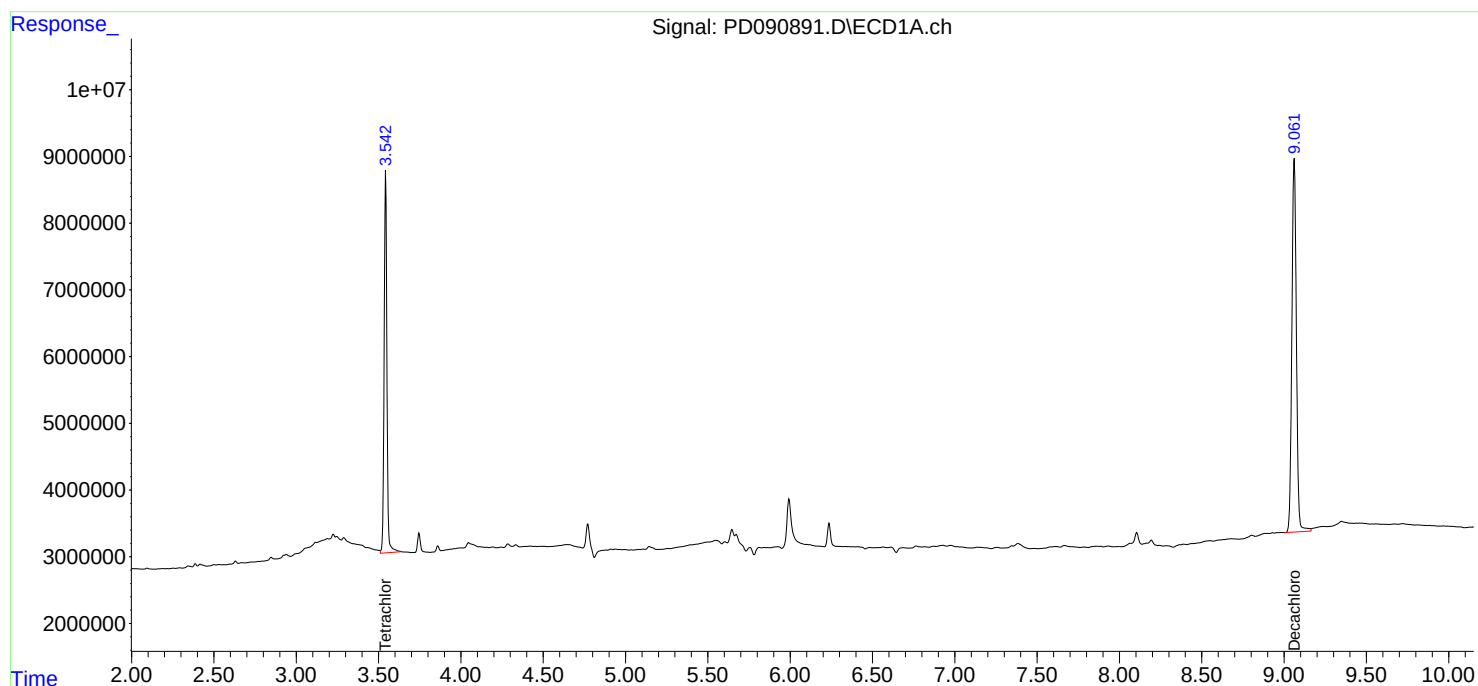
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 17:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

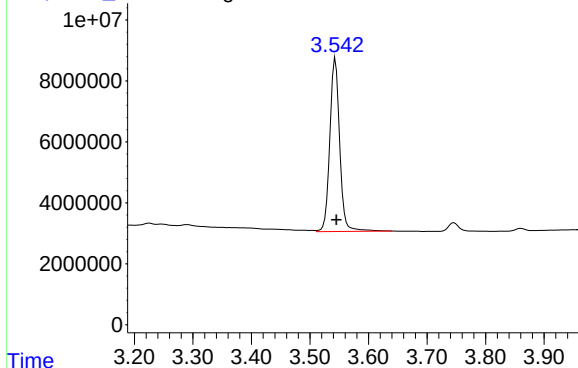
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:45:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD090891.D\ECD1A.ch

#1 Tetrachloro-m-xylene

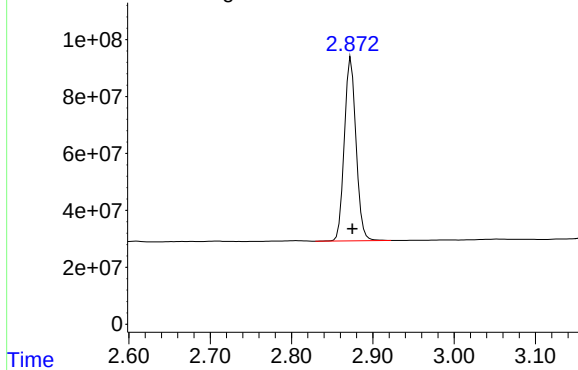


R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 66946466
Conc: 21.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

Response_ Signal: PD090891.D\ECD2B.ch

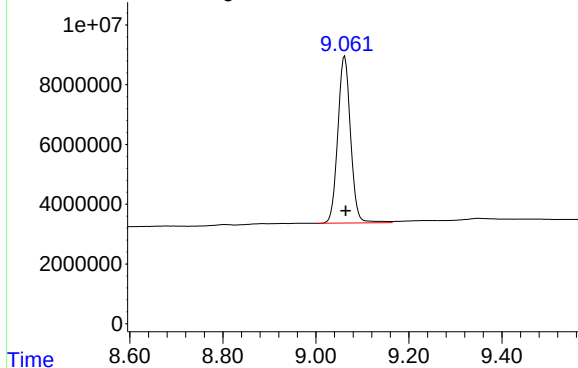
#1 Tetrachloro-m-xylene



R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 643772051
Conc: 21.62 ng/ml

Response_ Signal: PD090891.D\ECD1A.ch

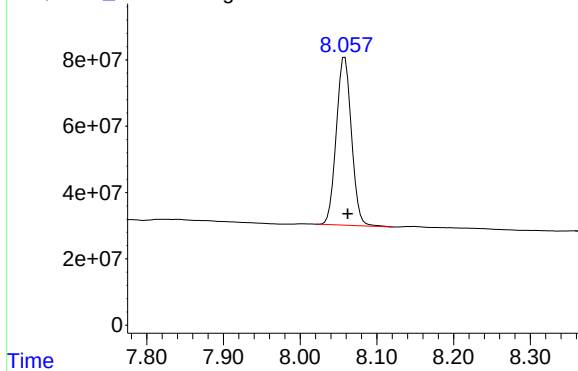
#28 Decachlorobiphenyl



R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 106725561
Conc: 22.81 ng/ml

Response_ Signal: PD090891.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 696921337
Conc: 23.01 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 11/05/25	
Project: RFP 905	Date Received: 11/05/25	
Client Sample ID: PIBLK-PD090959.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090959.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date:

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/05/25	pd110525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/05/25	pd110525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/05/25	pd110525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/05/25	pd110525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/05/25	pd110525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/05/25	pd110525
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/05/25	pd110525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.1			57 - 171	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			61 - 148	106%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD110525\
Data File : PD090959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:20
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: Nov 06 00:11:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	62009502	629.5E6	19.912	21.139
28)	SA Decachlor...	9.063	8.059	92051479	609.9E6	19.678	20.134

Target Compounds

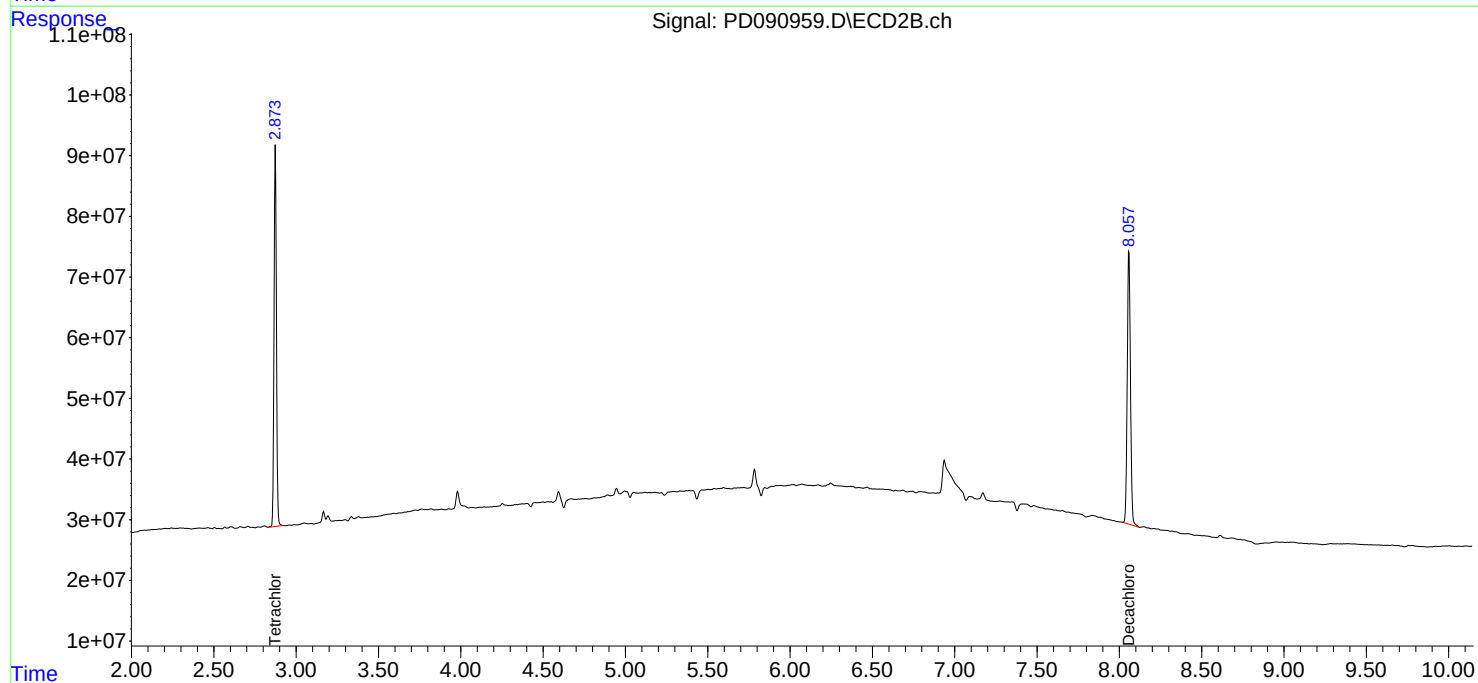
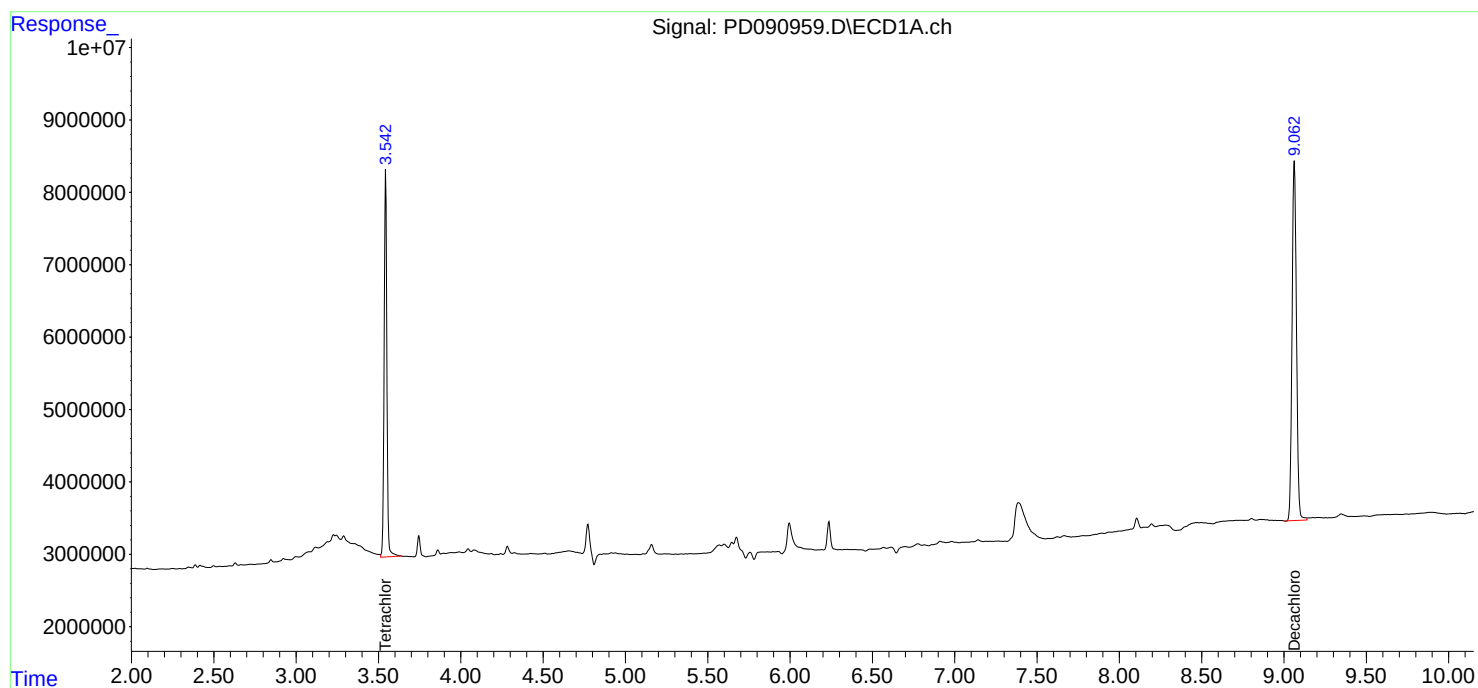
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

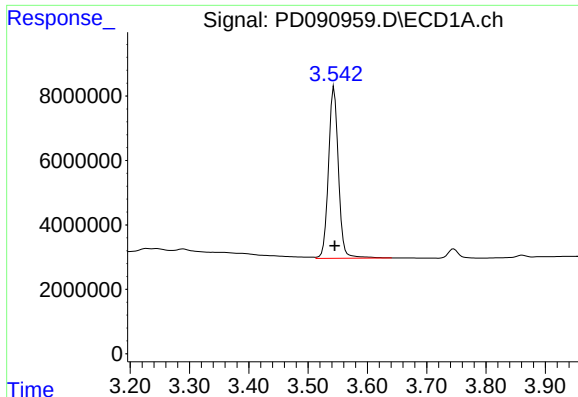
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

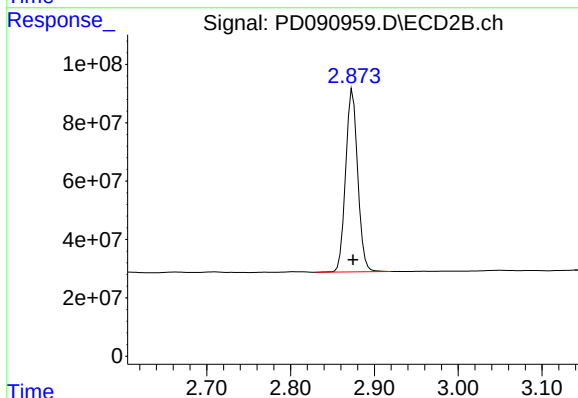




#1 Tetrachloro-m-xylene

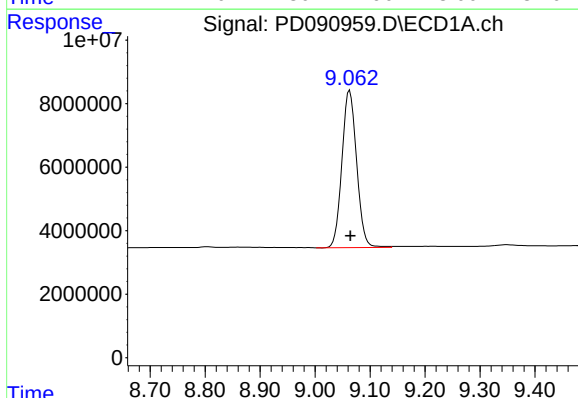
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62009502
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



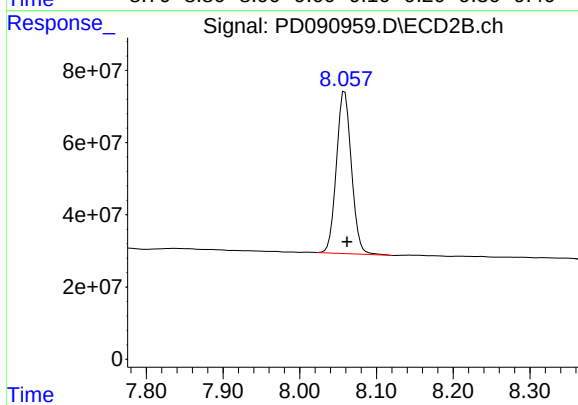
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 629467631
Conc: 21.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 92051479
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 609882238
Conc: 20.13 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 11/05/25	
Project: RFP 905	Date Received: 11/05/25	
Client Sample ID: PIBLK-PD090968.D	SDG No.: Q3447	
Lab Sample ID: I.BLK-PD090968.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Final Vol: 10000 uL	Test: TCLP Pesticide
Prep Method: 3510C	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/05/25	pd110525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/05/25	pd110525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/05/25	pd110525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/05/25	pd110525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/05/25	pd110525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/05/25	pd110525
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/05/25	pd110525
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.3			57 - 171	96%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			61 - 148	103%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD110525\
Data File : PD090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:34
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: Nov 06 00:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	62118559	614.5E6	19.947	20.636
28)	SA Decachlor...	9.065	8.060	90124626	574.5E6	19.266	18.964

Target Compounds

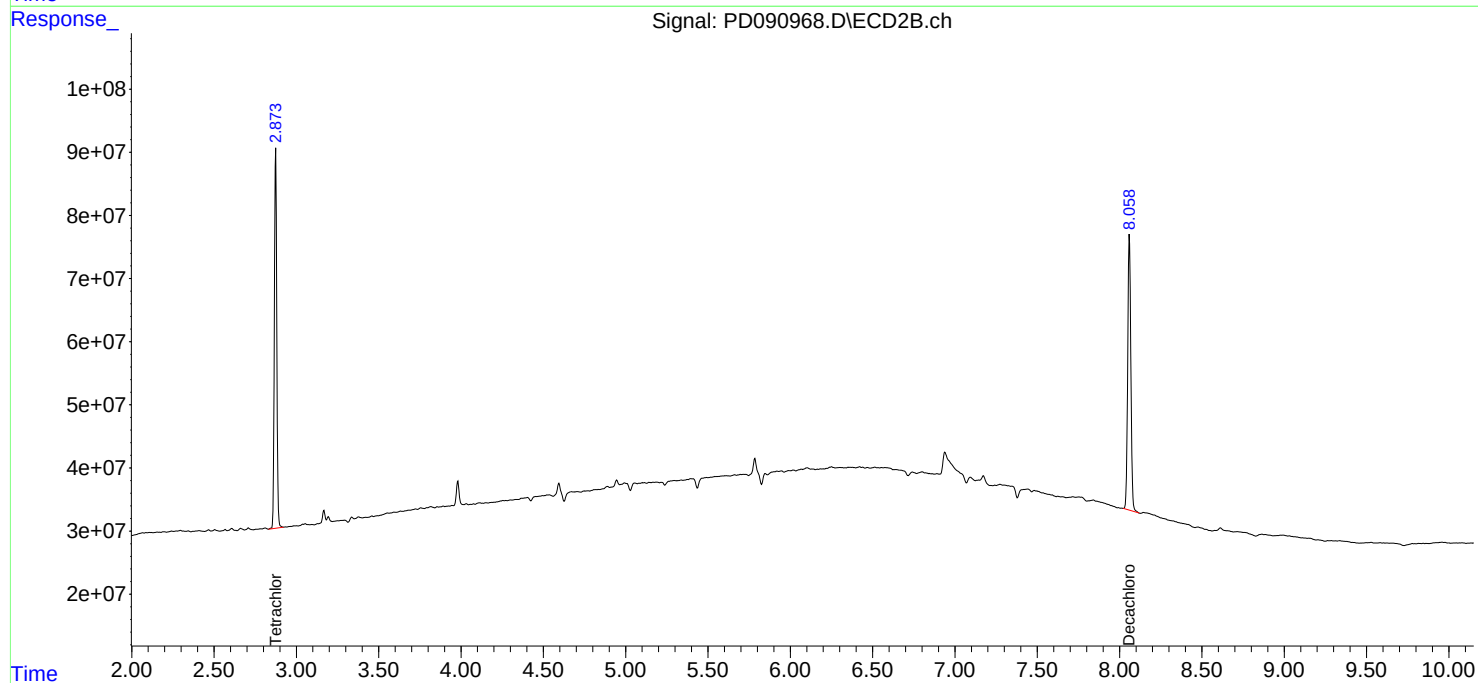
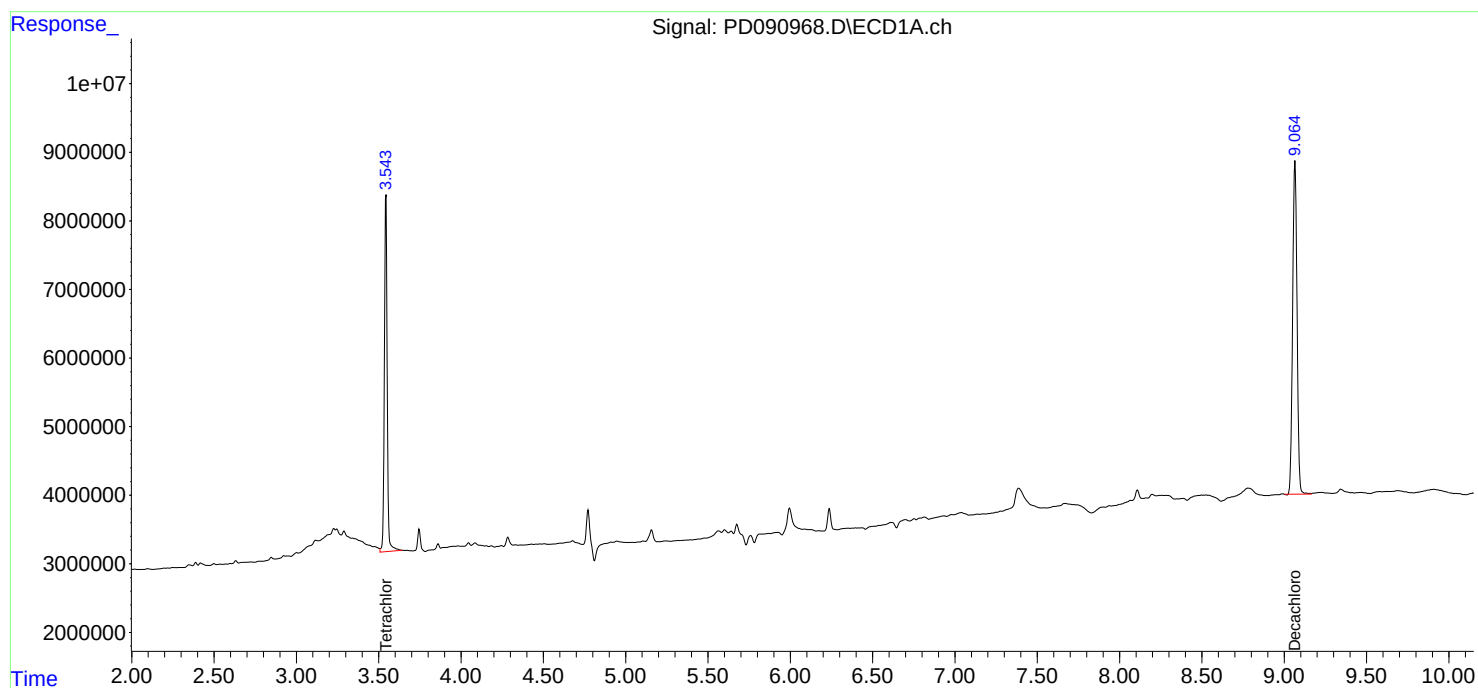
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

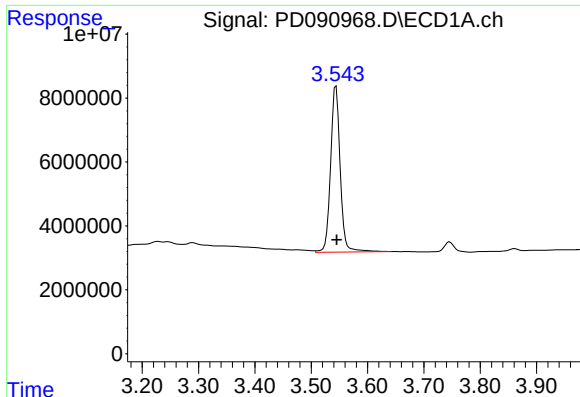
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

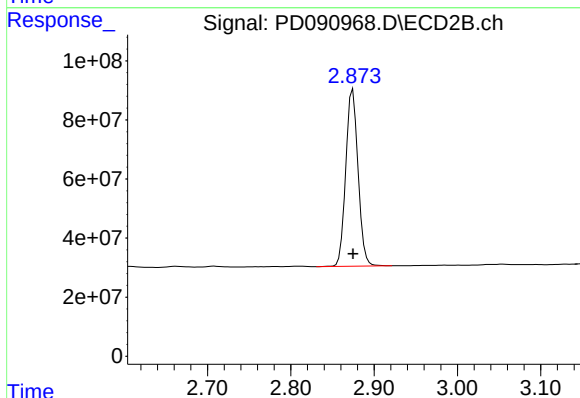




#1 Tetrachloro-m-xylene

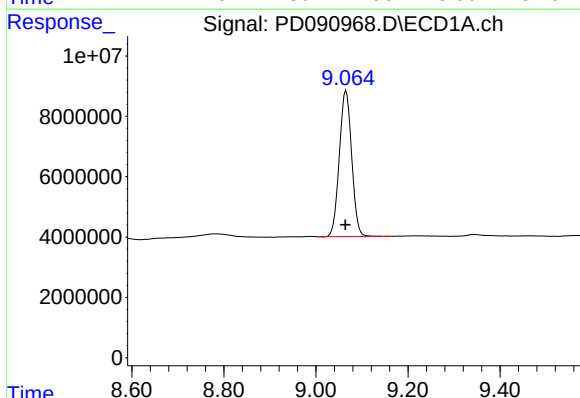
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62118559
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



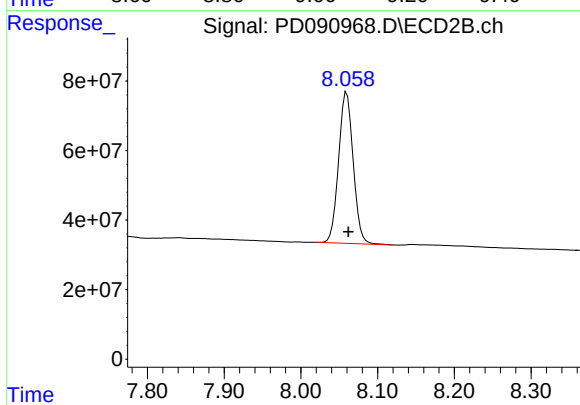
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 614494644
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 90124626
Conc: 19.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 574453509
Conc: 18.96 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected:	
Project: RFP 905	Date Received:	
Client Sample ID: PB170270BS	SDG No.:	Q3447
Lab Sample ID: PB170270BS	Matrix:	TCLP
Analytical Method: 8081B	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	TCLP Pesticide
Prep Method: 3510C	Final Vol: 10000 uL	
	Prep Date: 10/27/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.47		1	0.0037	0.050	ug/L	10/28/25 15:55	PB170270
76-44-8	Heptachlor	0.56		1	0.0027	0.050	ug/L	10/28/25 15:55	PB170270
1024-57-3	Heptachlor epoxide	0.49		1	0.0096	0.050	ug/L	10/28/25 15:55	PB170270
72-20-8	Endrin	0.47		1	0.0032	0.050	ug/L	10/28/25 15:55	PB170270
72-43-5	Methoxychlor	0.48		1	0.011	0.050	ug/L	10/28/25 15:55	PB170270
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25 15:55	PB170270
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/28/25 15:55	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.0			57 - 171	110%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.3			61 - 148	77%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
 Data File : PD090884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:55
 Operator : AR\AJ
 Sample : PB170270BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170270BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	47758759	449.8E6	15.336	15.105
28)	SA Decachlor...	9.062	8.058	92713280	665.6E6	19.819	21.972
Target Compounds							
2)	A alpha-BHC	3.993	3.385	341.7E6	2301.6E6	47.609	45.046
3)	MA gamma-BHC...	4.324	3.721	319.4E6	2128.7E6	46.983	45.053
4)	MA Heptachlor	4.921	4.073	310.3E6	2061.1E6	55.520	46.211
5)	MB Aldrin	5.263	4.358	311.2E6	2100.3E6	47.525	45.344
6)	B beta-BHC	4.511	4.017	121.5E6	890.7E6	46.392	44.918
7)	B delta-BHC	4.759	4.253	323.5E6	2169.4E6	47.847	45.465
8)	B Heptachlo...	5.683	4.862	282.1E6	1927.8E6	48.734	45.212
9)	A Endosulfan I	6.066	5.236	266.5E6	1807.1E6	48.126	45.876
10)	B gamma-Chl...	5.938	5.114	282.5E6	2078.1E6	47.626	46.232
11)	B alpha-Chl...	6.019	5.179	298.2E6	1991.3E6	48.246	46.162
12)	B 4,4'-DDE	6.189	5.363	253.5E6	2040.8E6	47.598	46.553
13)	MA Dieldrin	6.339	5.501	284.4E6	2068.3E6	48.774	46.811
14)	MA Endrin	6.566	5.779	230.8E6	1856.2E6	46.589	45.839
15)	B Endosulfa...	6.779	6.070	239.8E6	1785.4E6	47.969	47.540
16)	A 4,4'-DDD	6.699	5.918	210.1E6	1813.2E6	51.816	49.762
17)	MA 4,4'-DDT	7.014	6.172	192.6E6	1622.8E6	46.854	46.268
18)	B Endrin al...	6.909	6.247	179.5E6	1344.4E6	48.996	48.546
19)	B Endosulfa...	7.143	6.471	223.3E6	1737.9E6	48.146	48.483
20)	A Methoxychlor	7.487	6.742	101.3E6	823.8E6	47.646	47.267
21)	B Endrin ke...	7.623	6.980	246.6E6	1927.6E6	50.750	51.105
22)	Mirex	8.106	7.172	166.1E6	1384.0E6	51.883	53.869

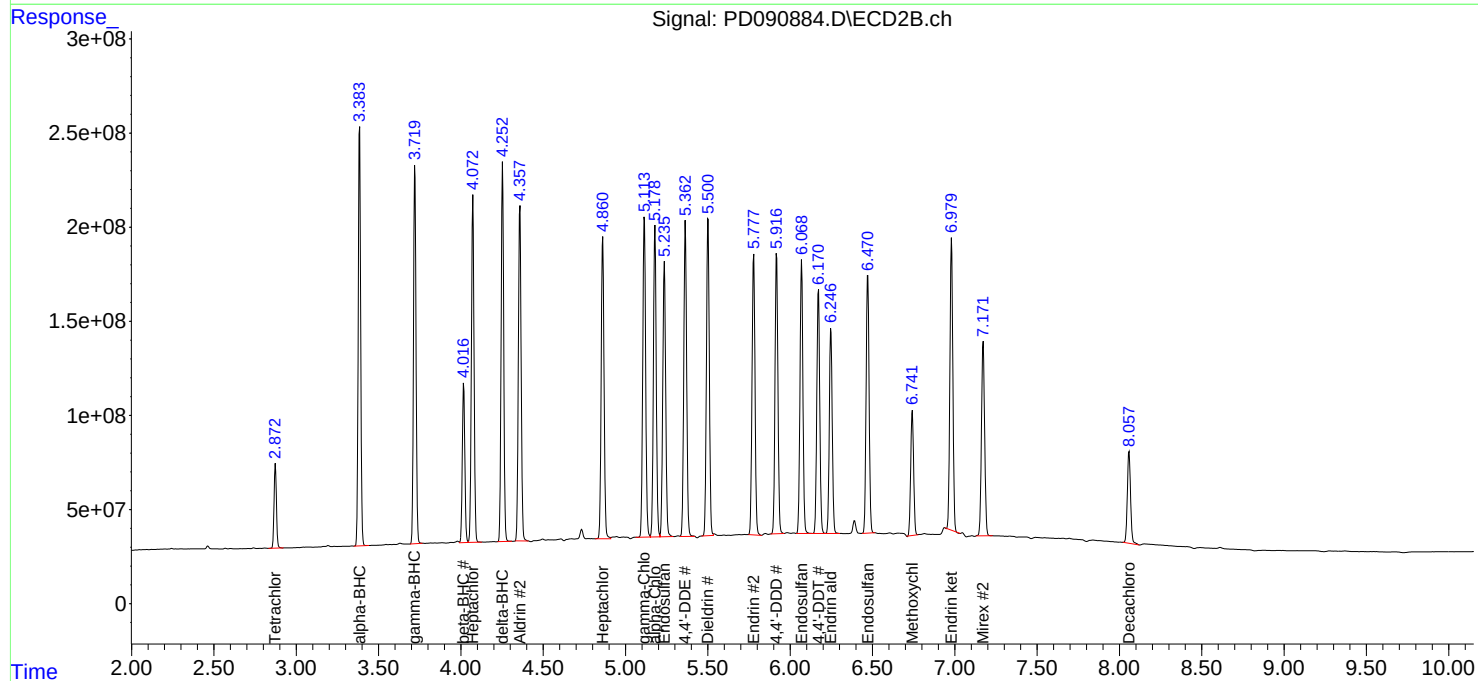
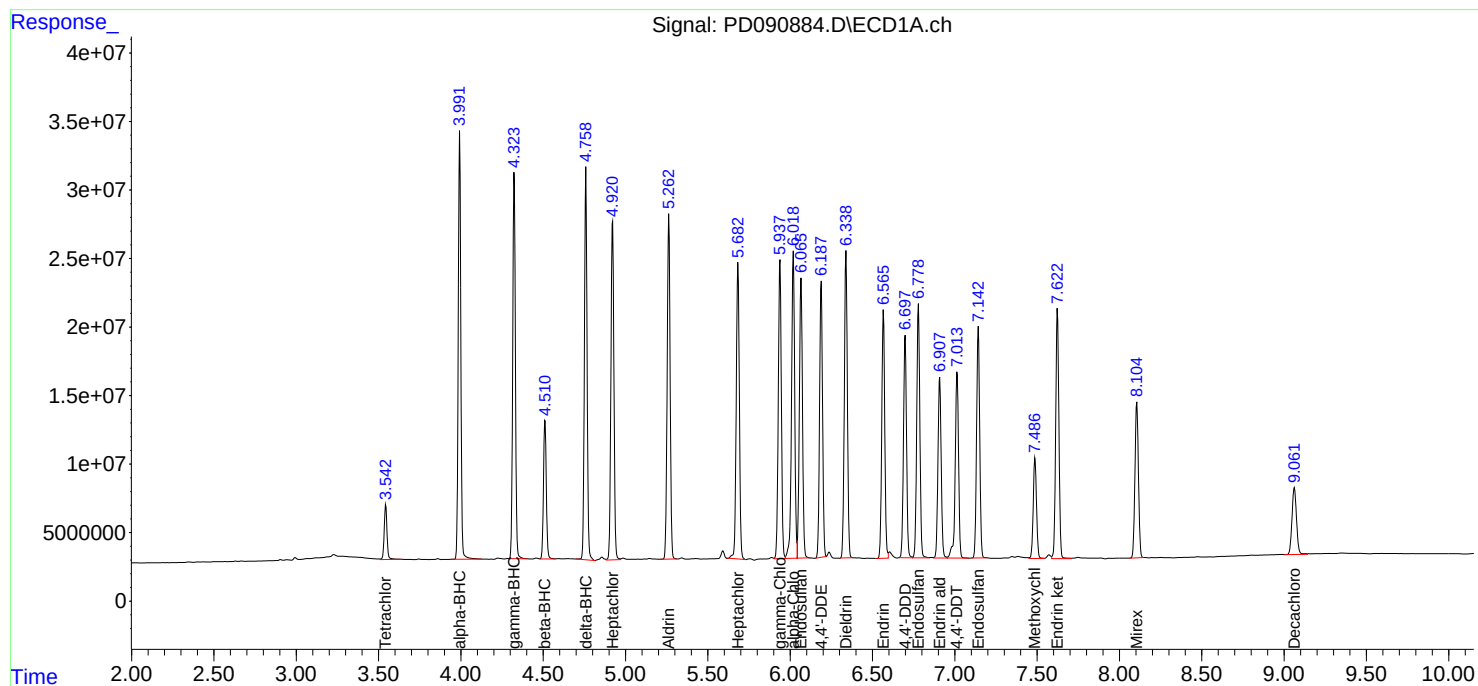
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

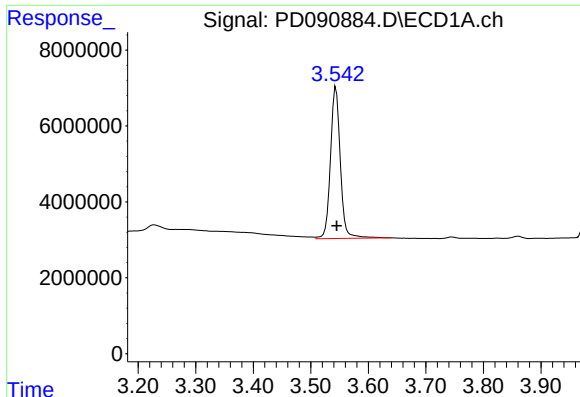
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:55
Operator : AR\AJ
Sample : PB170270BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170270BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

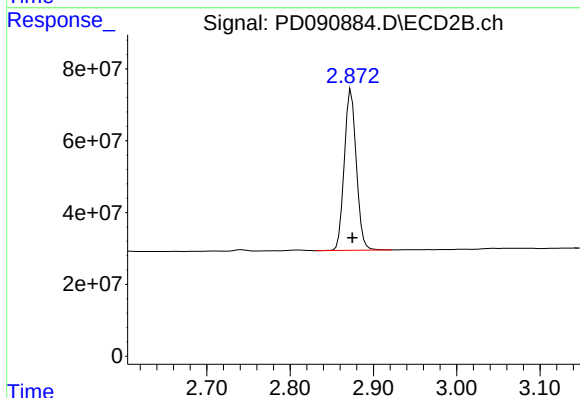




#1 Tetrachloro-m-xylene

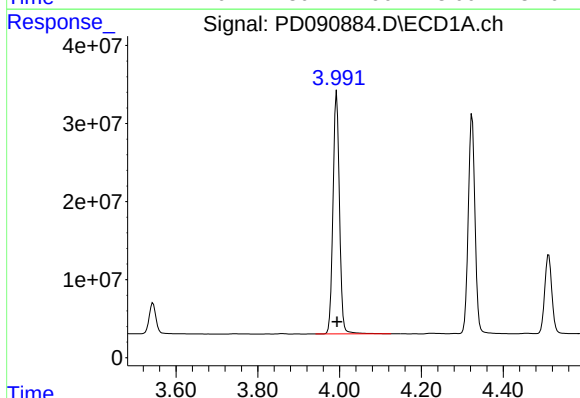
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 47758759
Conc: 15.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



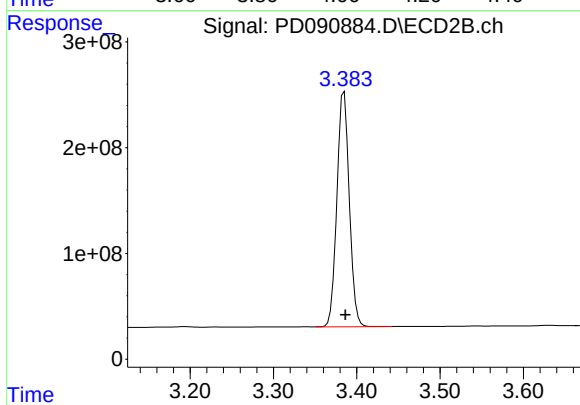
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 449782442
Conc: 15.10 ng/ml



#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 341696355
Conc: 47.61 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2301635738
Conc: 45.05 ng/ml

Response_

Signal: PD090884.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.324 min

Delta R.T.: -0.001 min

Response: 319428215

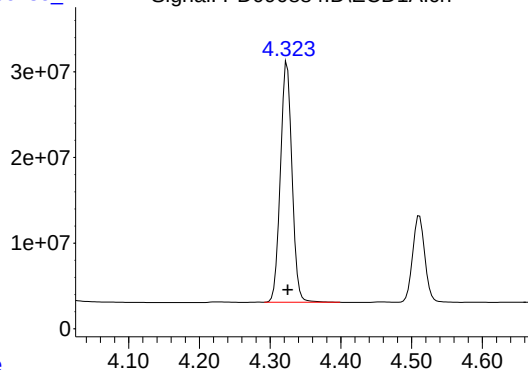
Conc: 46.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

PB170270BS



Time

Response_

Signal: PD090884.D\ECD2B.ch

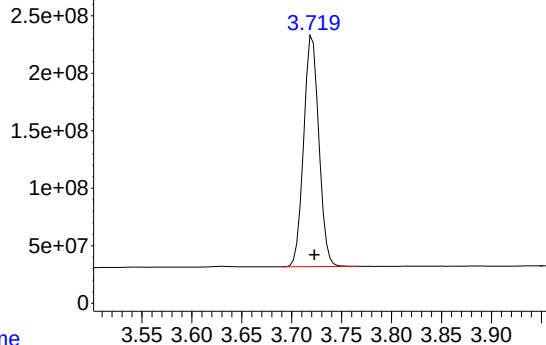
#3 gamma-BHC (Lindane)

R.T.: 3.721 min

Delta R.T.: -0.002 min

Response: 2128713047

Conc: 45.05 ng/ml



Time

Response_

Signal: PD090884.D\ECD1A.ch

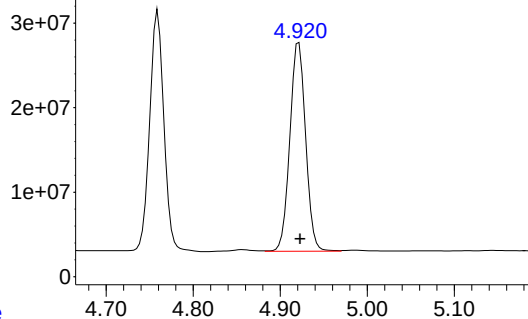
#4 Heptachlor

R.T.: 4.921 min

Delta R.T.: -0.001 min

Response: 310329694

Conc: 55.52 ng/ml



Time

Response_

Signal: PD090884.D\ECD2B.ch

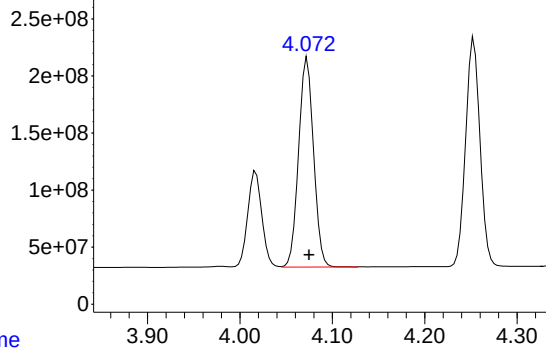
#4 Heptachlor

R.T.: 4.073 min

Delta R.T.: -0.002 min

Response: 2061144151

Conc: 46.21 ng/ml



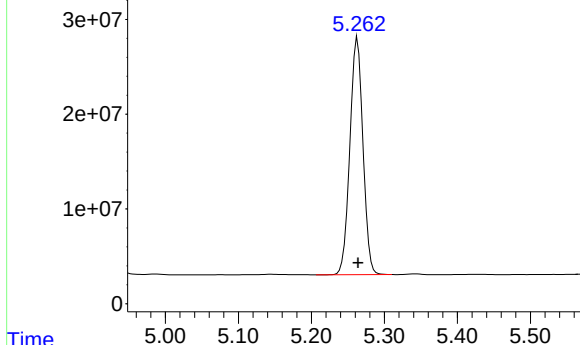
Time

Response_ Signal: PD090884.D\ECD1A.ch

#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 311161646
Conc: 47.53 ng/ml

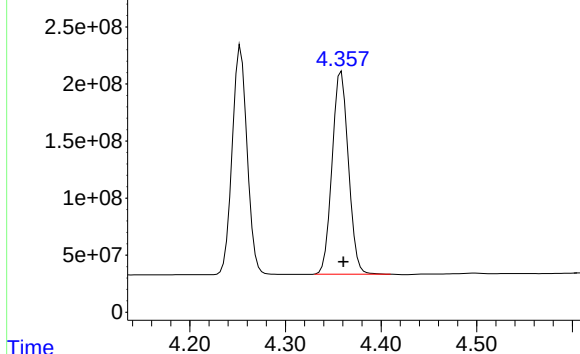
Instrument :
ECD_D
ClientSampleId :
PB170270BS



Time Response_ Signal: PD090884.D\ECD2B.ch

#5 Aldrin

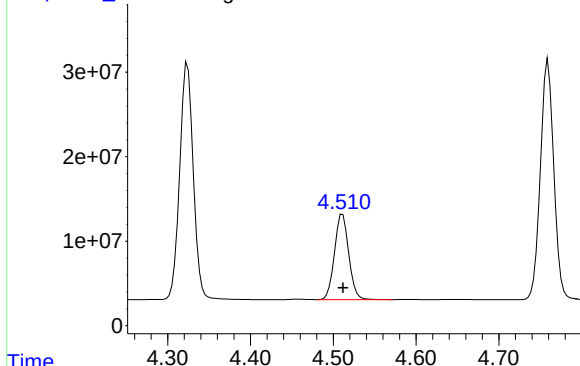
R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2100280835
Conc: 45.34 ng/ml



Time Response_ Signal: PD090884.D\ECD1A.ch

#6 beta-BHC

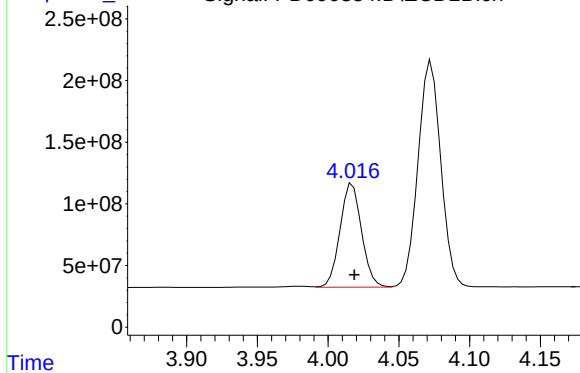
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 121530609
Conc: 46.39 ng/ml



Time Response_ Signal: PD090884.D\ECD2B.ch

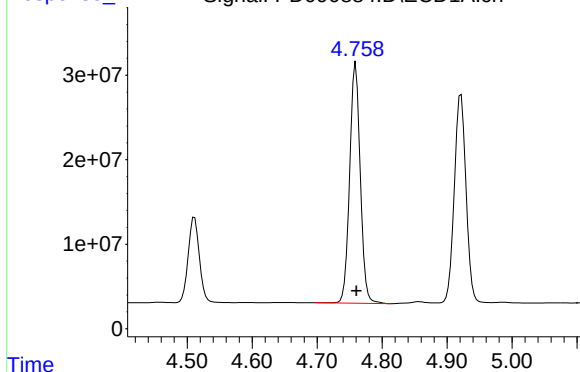
#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 890711845
Conc: 44.92 ng/ml



Response_ Signal: PD090884.D\ECD1A.ch

#7 delta-BHC

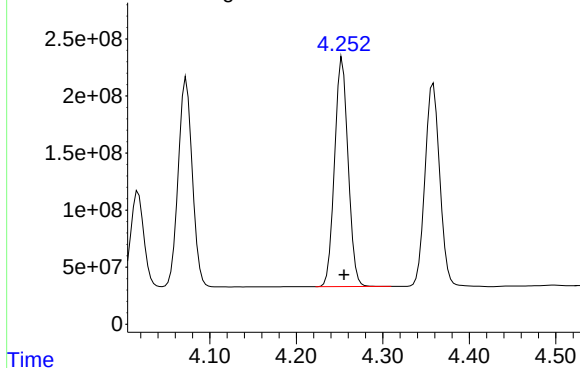


R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 323530896
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS

Time Response_ Signal: PD090884.D\ECD2B.ch

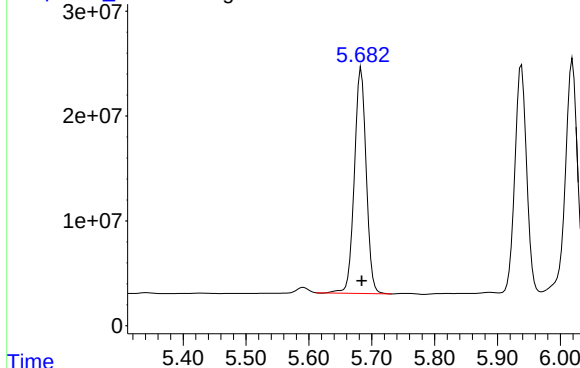
#7 delta-BHC



R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2169428266
Conc: 45.46 ng/ml

Time Response_ Signal: PD090884.D\ECD1A.ch

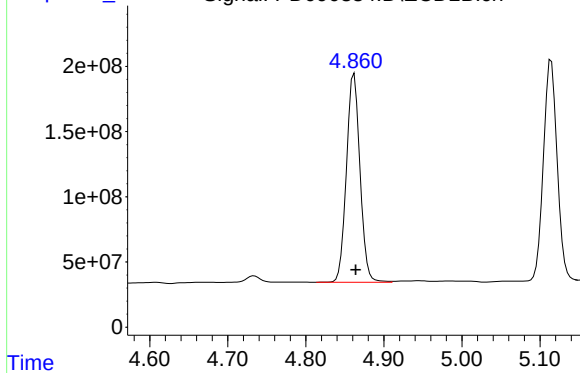
#8 Heptachlor epoxide



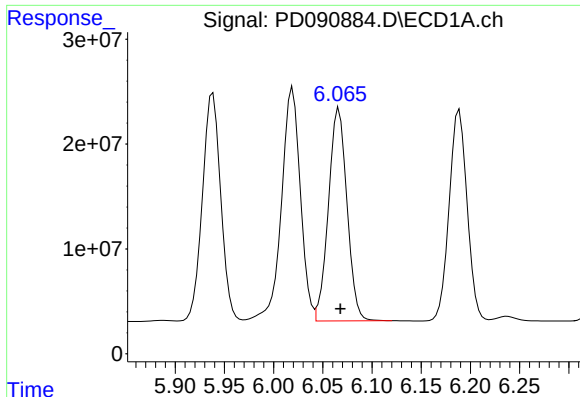
R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 282122805
Conc: 48.73 ng/ml

Time Response_ Signal: PD090884.D\ECD2B.ch

#8 Heptachlor epoxide



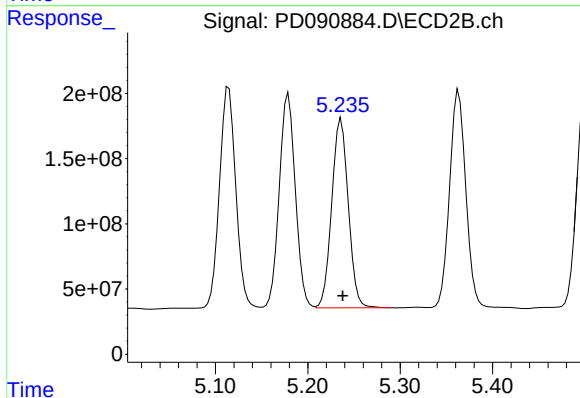
R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1927772129
Conc: 45.21 ng/ml



#9 Endosulfan I

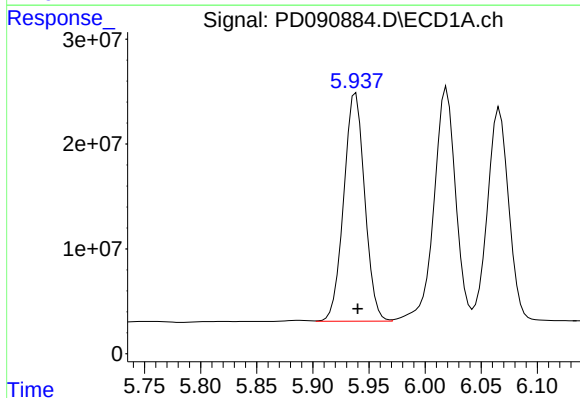
R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 266454201
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



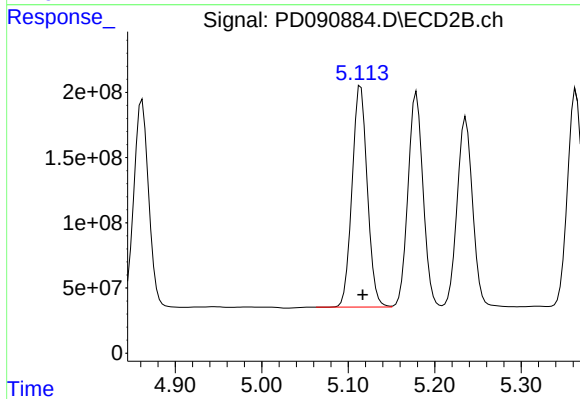
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1807052742
Conc: 45.88 ng/ml



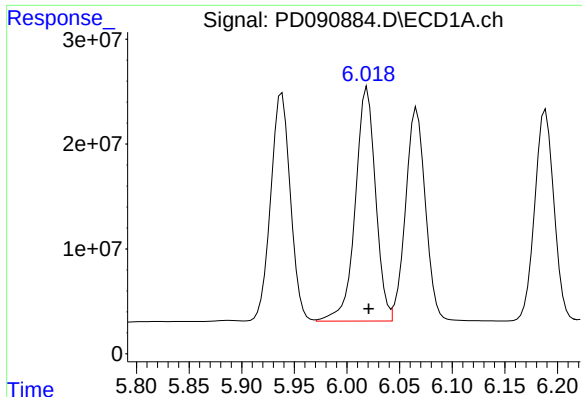
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 282479583
Conc: 47.63 ng/ml



#10 gamma-Chlordane

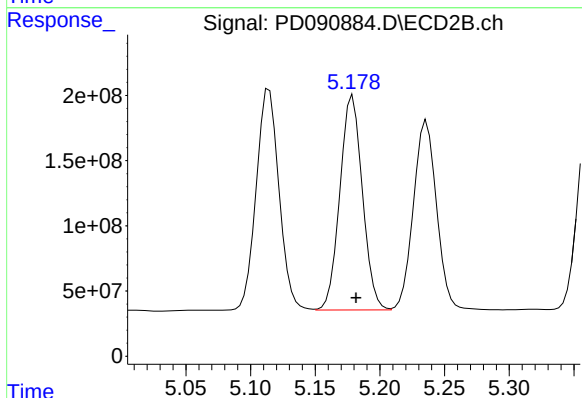
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2078087135
Conc: 46.23 ng/ml



#11 alpha-Chlordane

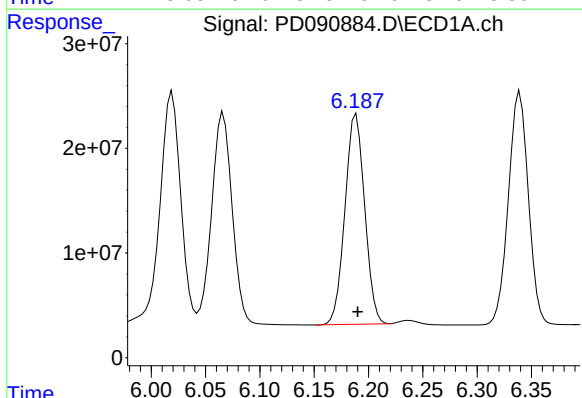
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 298173715
Conc: 48.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



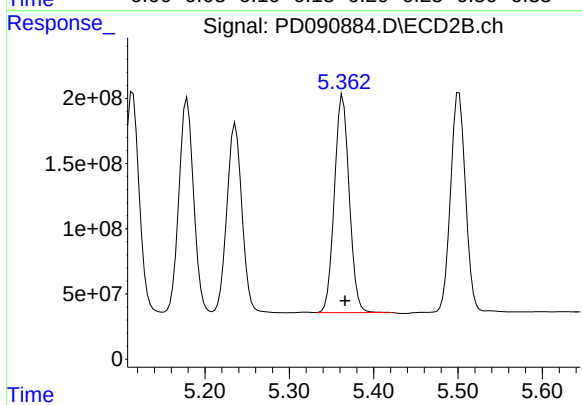
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1991328112
Conc: 46.16 ng/ml



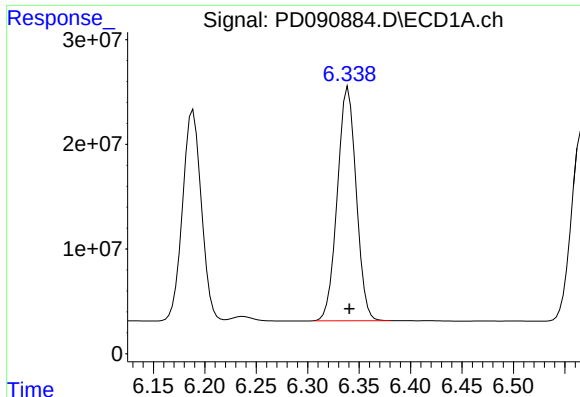
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 253536449
Conc: 47.60 ng/ml



#12 4,4'-DDE

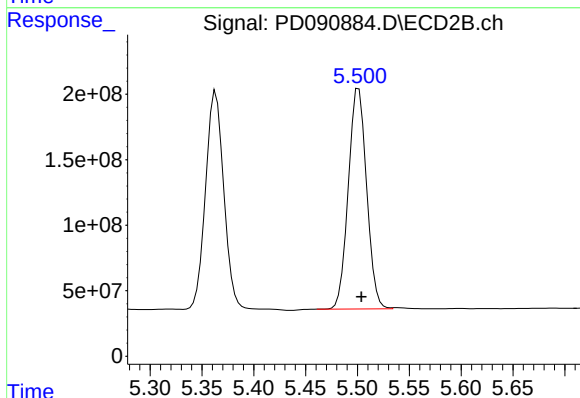
R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 2040788961
Conc: 46.55 ng/ml



#13 Dieldrin

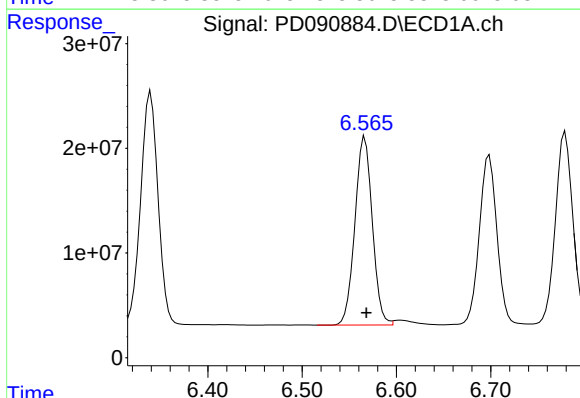
R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 284417229
Conc: 48.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



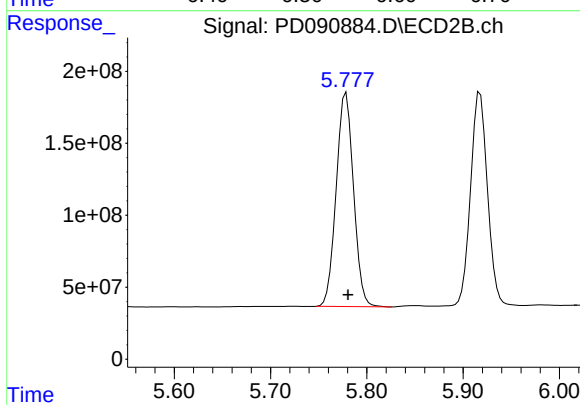
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2068311443
Conc: 46.81 ng/ml



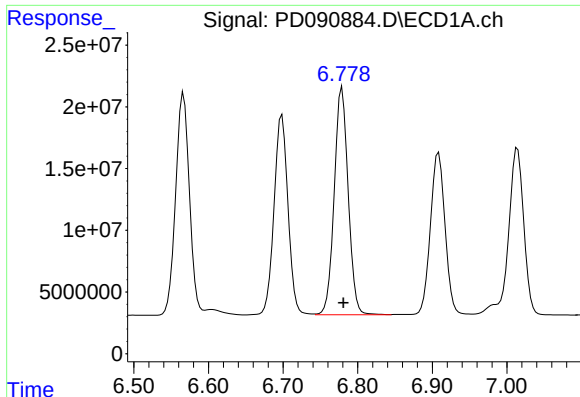
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 230789393
Conc: 46.59 ng/ml



#14 Endrin

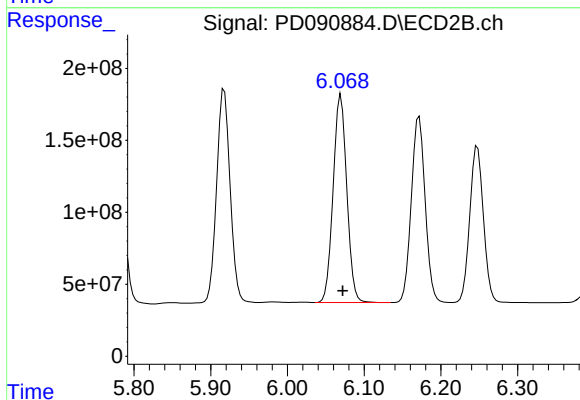
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1856185355
Conc: 45.84 ng/ml



#15 Endosulfan II

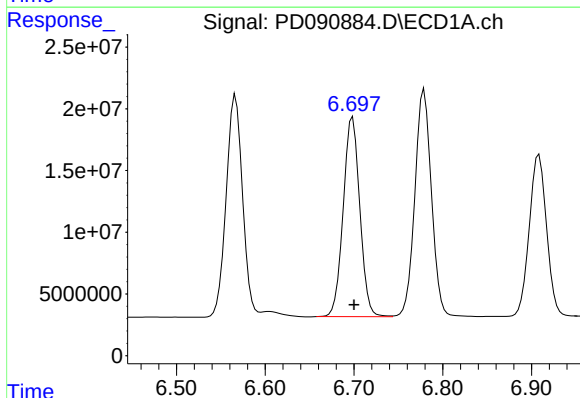
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 239842483
Conc: 47.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



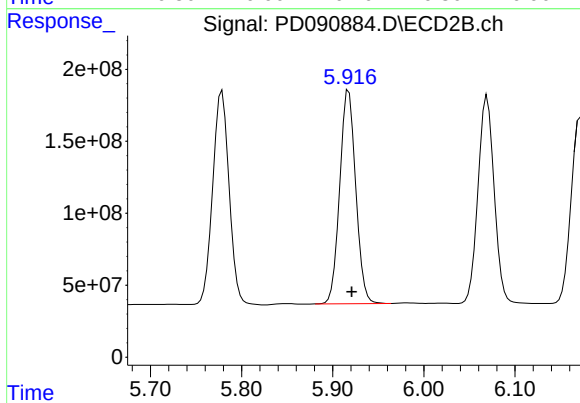
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1785393844
Conc: 47.54 ng/ml



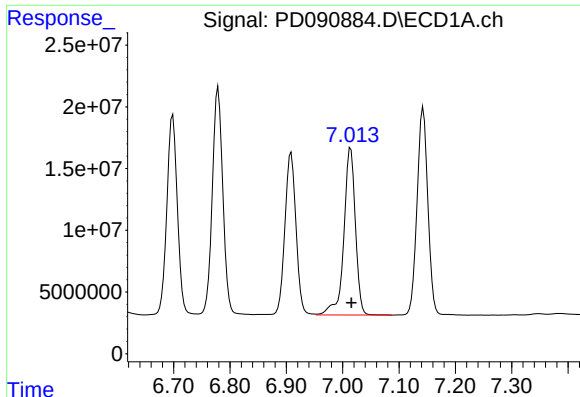
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 210073859
Conc: 51.82 ng/ml



#16 4,4'-DDD

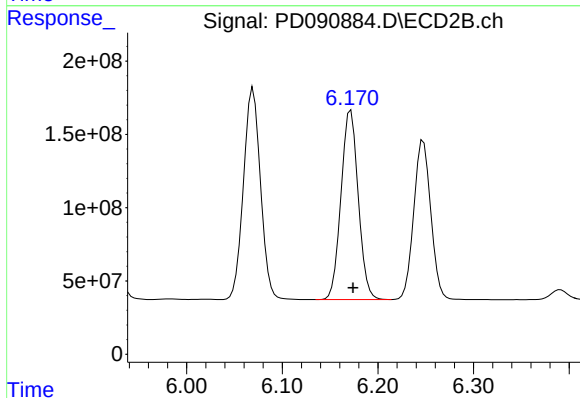
R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1813211443
Conc: 49.76 ng/ml



#17 4,4'-DDT

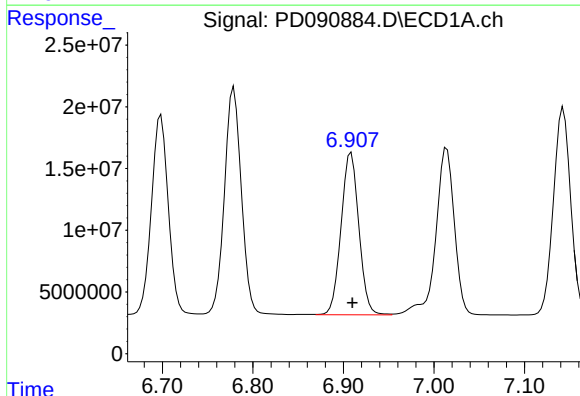
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 192590313
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



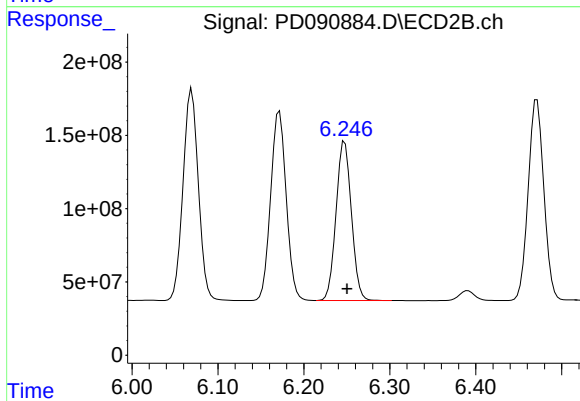
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1622761486
Conc: 46.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 179458793
Conc: 49.00 ng/ml



#18 Endrin aldehyde

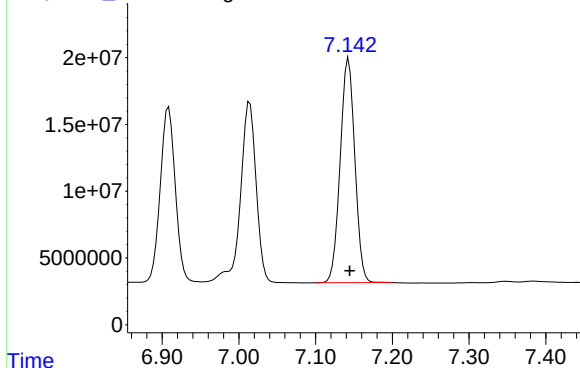
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1344375269
Conc: 48.55 ng/ml

Response_ Signal: PD090884.D\ECD1A.ch

#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 223308526
Conc: 48.15 ng/ml

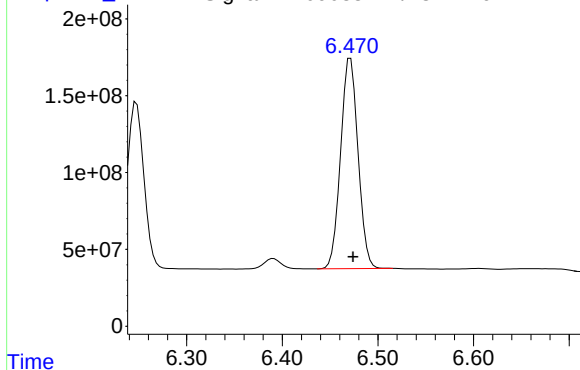
Instrument :
ECD_D
ClientSampleId :
PB170270BS



Time Response_ Signal: PD090884.D\ECD2B.ch

#19 Endosulfan Sulfate

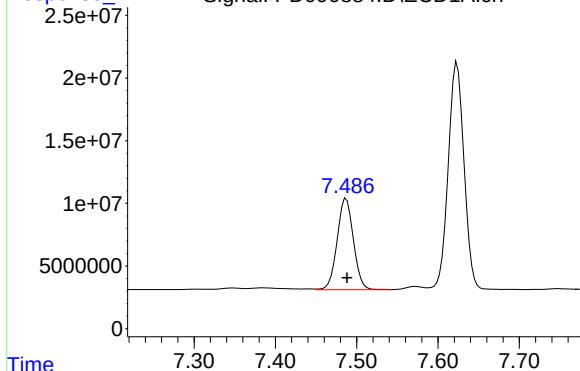
R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1737874032
Conc: 48.48 ng/ml



Time Response_ Signal: PD090884.D\ECD1A.ch

#20 Methoxychlor

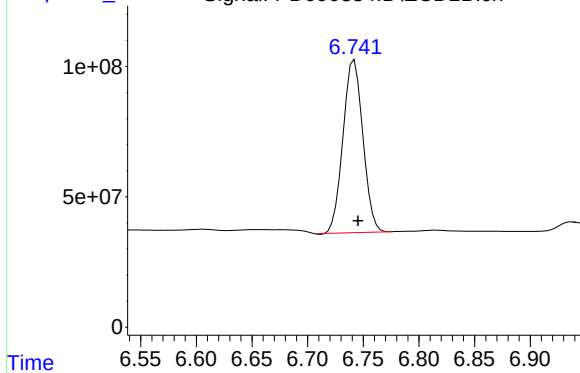
R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 101276639
Conc: 47.65 ng/ml

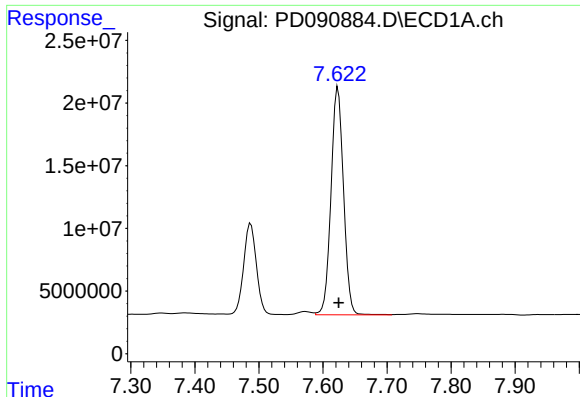


Time Response_ Signal: PD090884.D\ECD2B.ch

#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 823760184
Conc: 47.27 ng/ml

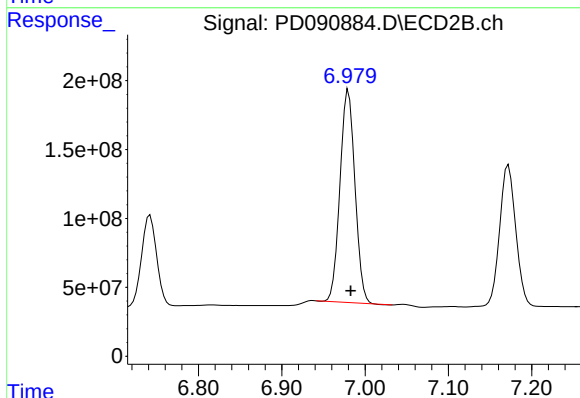




#21 Endrin ketone

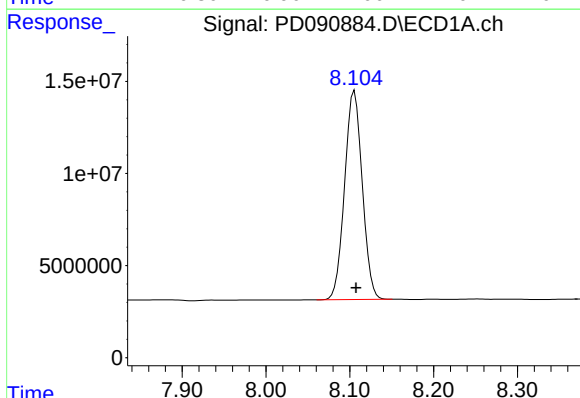
R.T.: 7.623 min
Delta R.T.: -0.001 min
Response: 246584875
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170270BS



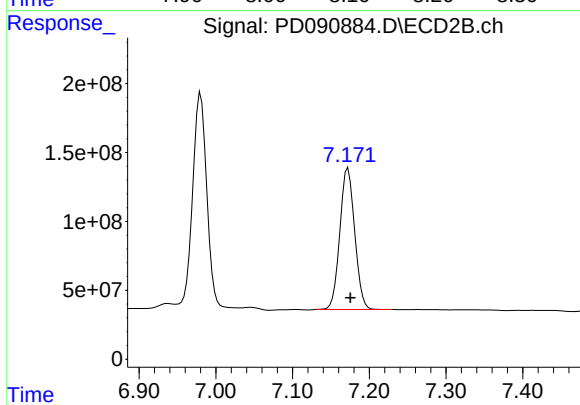
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1927566505
Conc: 51.10 ng/ml



#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 166070275
Conc: 51.88 ng/ml



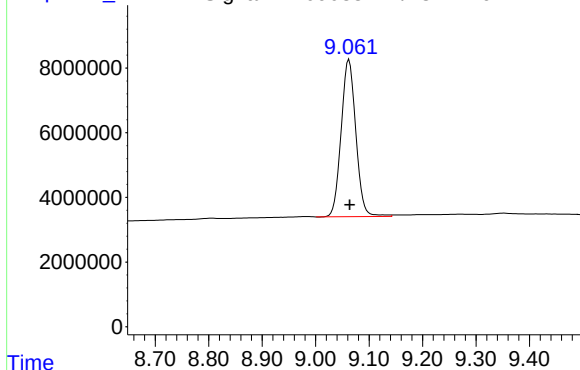
#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1383950427
Conc: 53.87 ng/ml

Response_

Signal: PD090884.D\ECD1A.ch

#28 Decachlorobiphenyl



R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 92713280
Conc: 19.82 ng/ml

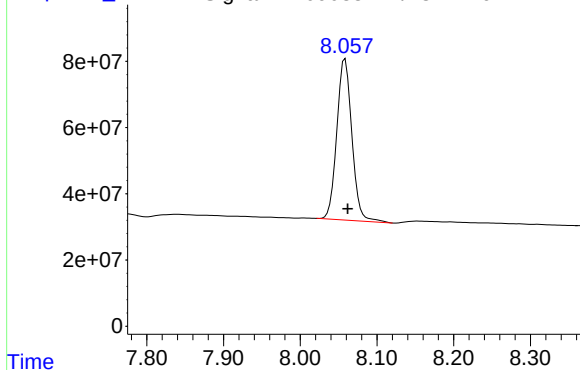
Instrument :
ECD_D
ClientSampleId :
PB170270BS

Time

Response_

Signal: PD090884.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 665573939
Conc: 21.97 ng/ml

Time

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW1-251023-01MS	SDG No.: Q3447	
Lab Sample ID: Q3447-02MS	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	4.40		1	0.037	0.50	ug/L	10/28/25 11:54	PB170270
76-44-8	Heptachlor	5.30		1	0.027	0.50	ug/L	10/28/25 11:54	PB170270
1024-57-3	Heptachlor epoxide	4.90		1	0.096	0.50	ug/L	10/28/25 11:54	PB170270
72-20-8	Endrin	5.90		1	0.032	0.50	ug/L	10/28/25 11:54	PB170270
72-43-5	Methoxychlor	5.30		1	0.11	0.50	ug/L	10/28/25 11:54	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 11:54	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 11:54	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.1			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.1			61 - 148	96%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
 Data File : PD090874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 11:54
 Operator : AR\AJ
 Sample : Q3447-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P001-TW1-251023-01MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:42:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	52130514	569.4E6	16.740	19.124
28)	SA Decachlor...	9.061	8.058	94120457	640.8E6	20.120	21.154
Target Compounds							
2)	A alpha-BHC	3.993	3.385	324.3E6	2152.1E6	45.191	42.119
3)	MA gamma-BHC...	4.324	3.721	302.2E6	1838.5E6	44.448	38.911
4)	MA Heptachlor	4.921	4.073	296.1E6	1812.0E6	52.973	40.625
5)	MB Aldrin	5.262	4.358	288.2E6	1694.7E6	44.012	36.589
6)	B beta-BHC	4.509	4.017	122.2E6	833.3E6	46.646m	42.021
7)	B delta-BHC	4.759	4.253	326.0E6	1898.6E6	48.206	39.790
8)	B Heptachlo...	5.683	4.862	283.9E6	1749.7E6	49.041	41.034
9)	A Endosulfan I	6.066	5.236	278.5E6	1616.7E6	50.299	41.042
10)	B gamma-Chl...	5.938	5.115	285.6E6	1855.5E6	48.148	41.280
11)	B alpha-Chl...	6.019	5.179	302.3E6	1772.0E6	48.916	41.077
12)	B 4,4'-DDE	6.188	5.363	253.8E6	1827.8E6	47.646	41.694
13)	MA Dieldrin	6.339	5.501	294.0E6	1903.5E6	50.419	43.082
14)	MA Endrin	6.566	5.778	289.9E6	1779.2E6	58.518	43.937
15)	B Endosulfa...	6.779	6.069	247.3E6	1850.2E6	49.452	49.267
16)	A 4,4'-DDD	6.698	5.918	212.8E6	1648.2E6	52.482	45.233
17)	MA 4,4'-DDT	7.013	6.171	223.5E6	1697.9E6	54.385	48.409
18)	B Endrin al...	6.908	6.247	187.0E6	1210.4E6	51.066	43.706
19)	B Endosulfa...	7.142	6.471	234.3E6	1700.8E6	50.505	47.448
20)	A Methoxychlor	7.486	6.741	112.0E6	855.7E6	52.696	49.099
21)	B Endrin ke...	7.623	6.980	256.8E6	1826.0E6	52.854	48.413
22)	Mirex	8.105	7.172	155.1E6	1218.4E6	48.466	47.424

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:54
Operator : AR\AJ
Sample : Q3447-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

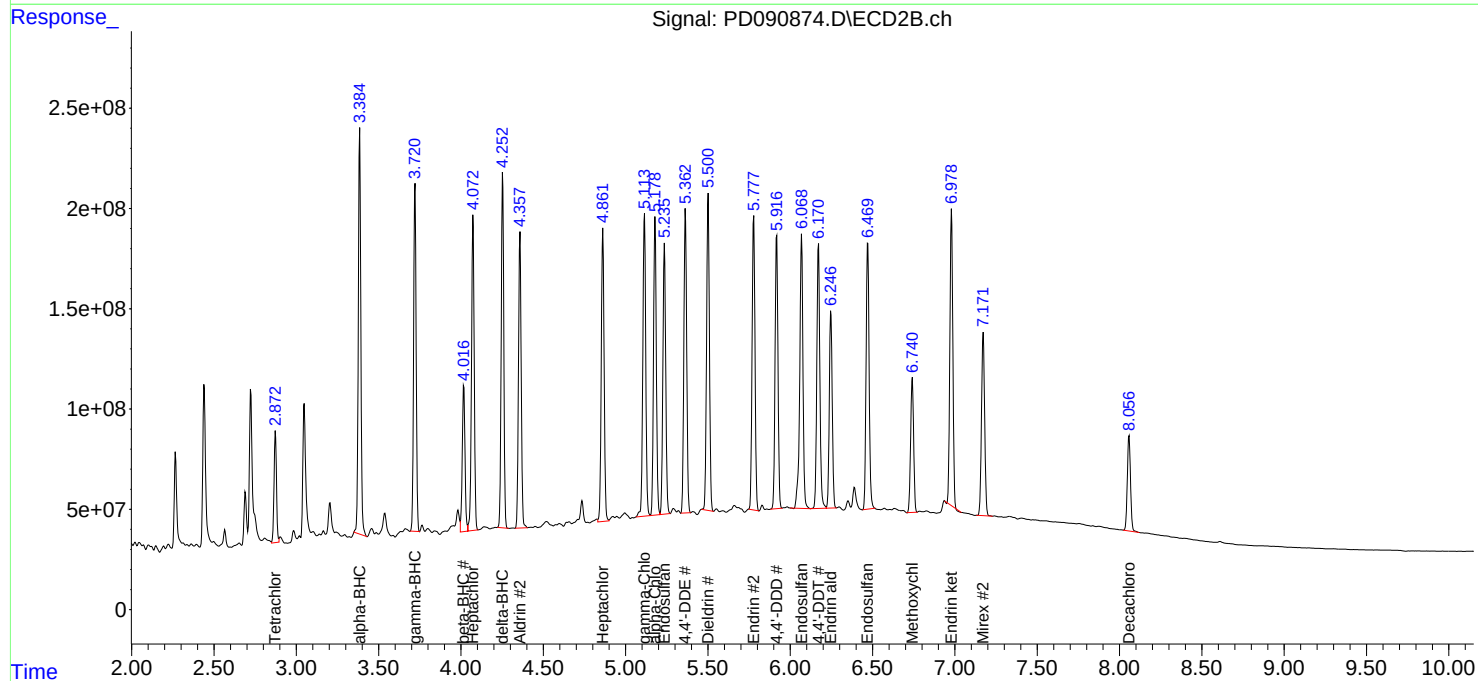
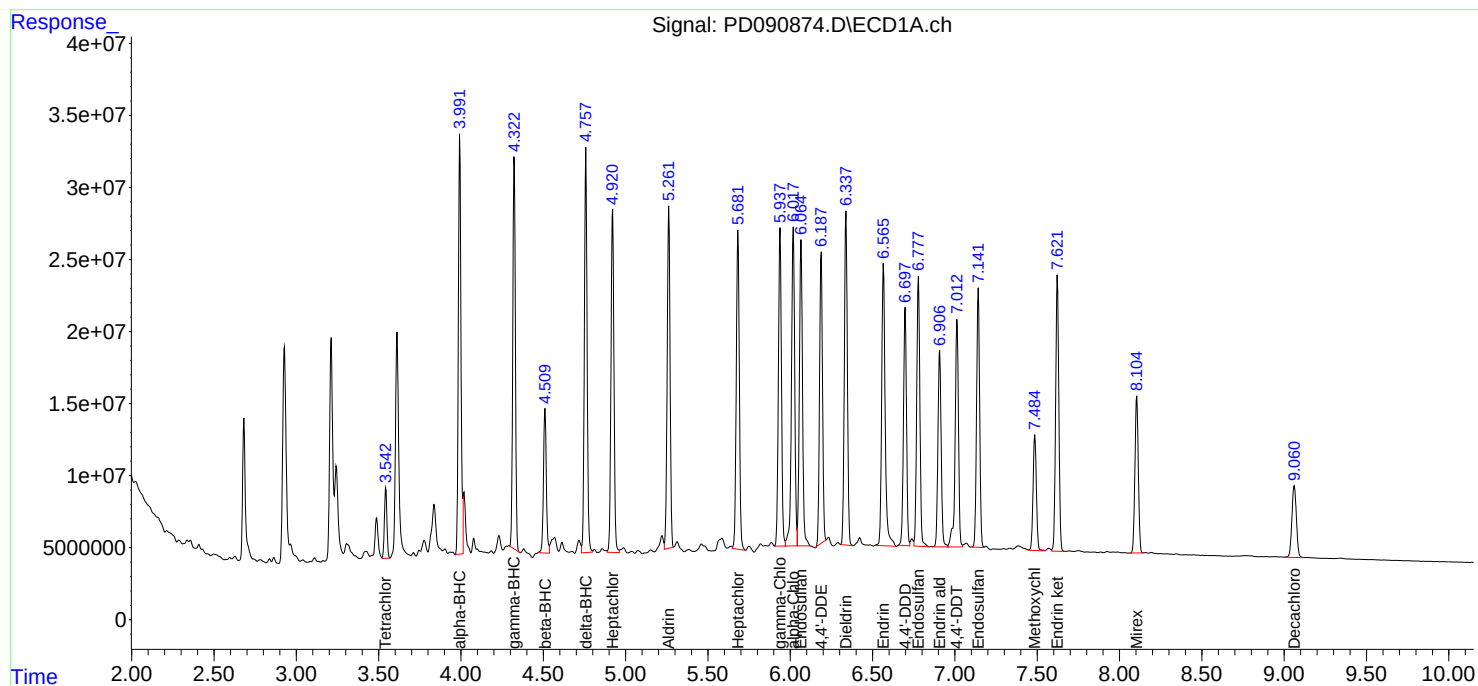
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

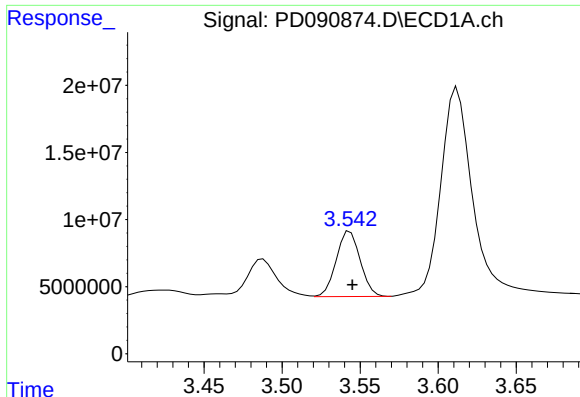
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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.: 3.544 min
Delta R.T.: -0.001 min
Response: 52130514
Conc: 16.74 ng/ml

Instrument :

ECD_D

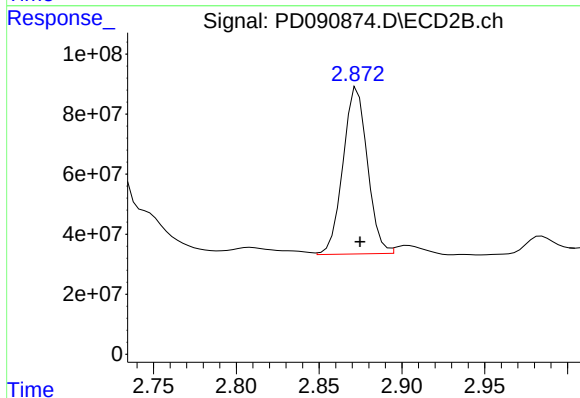
ClientSampleId :

P001-TW1-251023-01MS

Manual Integrations

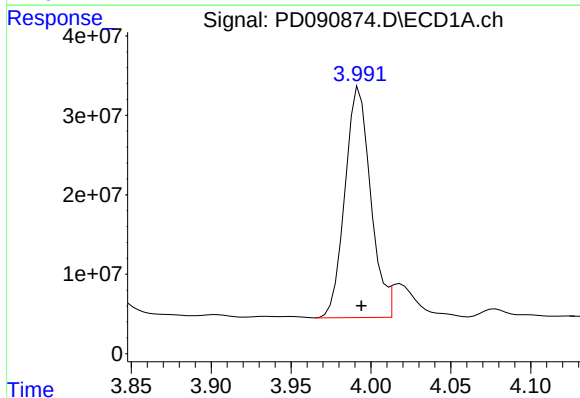
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



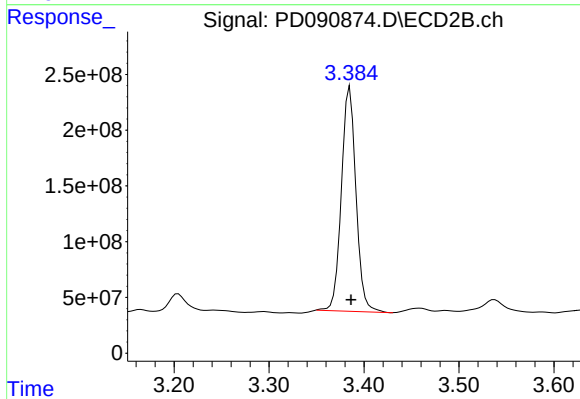
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 569449149
Conc: 19.12 ng/ml



#2 alpha-BHC

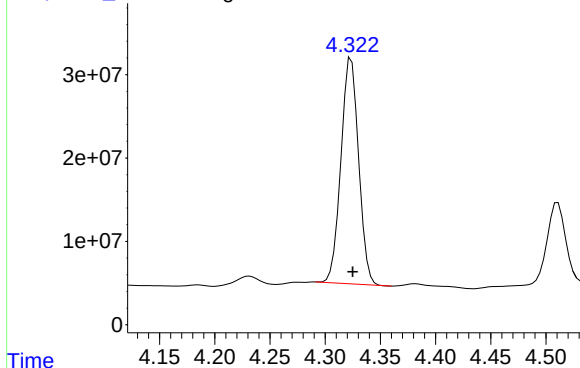
R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 324343933
Conc: 45.19 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2152123999
Conc: 42.12 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch



#3 gamma-BHC (Lindane)

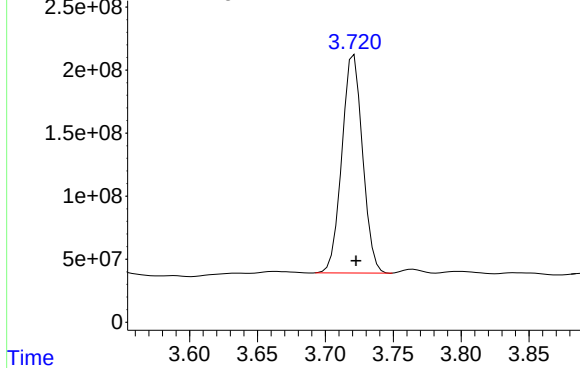
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 302193859
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

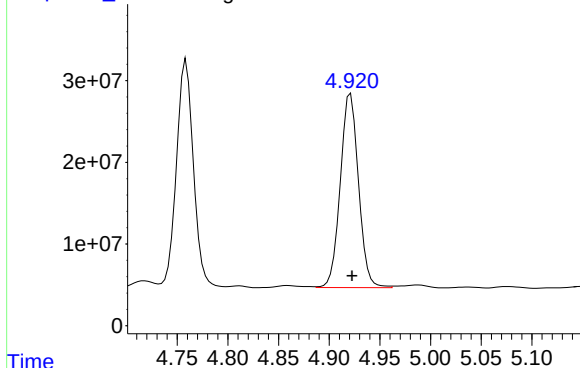
Time Response_ Signal: PD090874.D\ECD2B.ch



#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 1838483438
Conc: 38.91 ng/ml

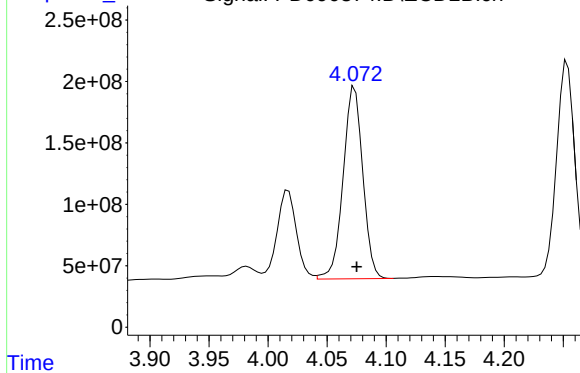
Time Response_ Signal: PD090874.D\ECD1A.ch



#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 296094853
Conc: 52.97 ng/ml

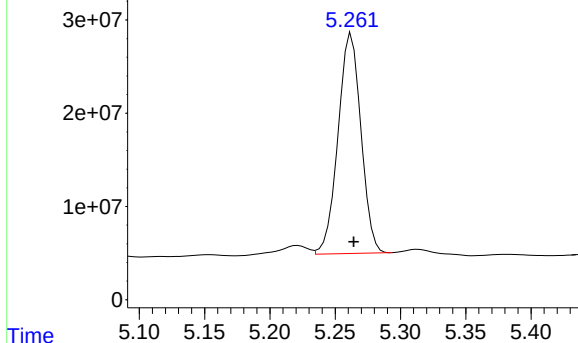
Time Response_ Signal: PD090874.D\ECD2B.ch



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1812003267
Conc: 40.63 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch



#5 Aldrin

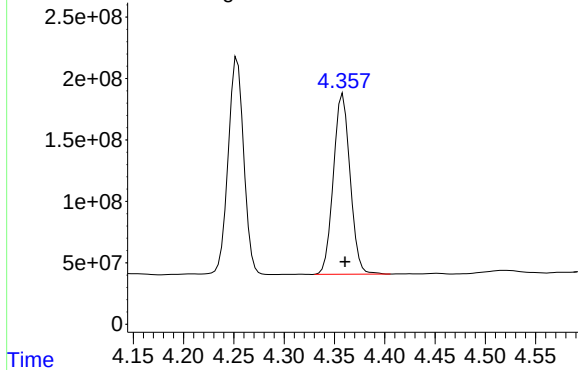
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 288157161
Conc: 44.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

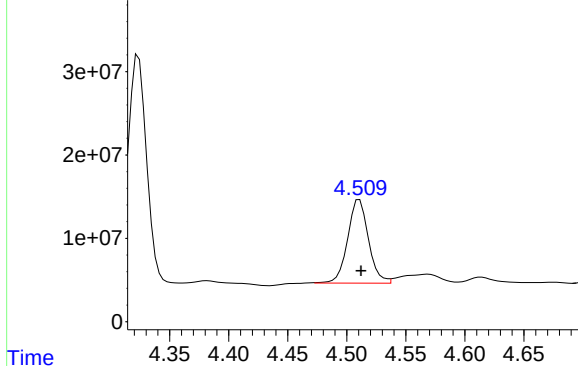
Response_ Signal: PD090874.D\ECD2B.ch



#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 1694745697
Conc: 36.59 ng/ml

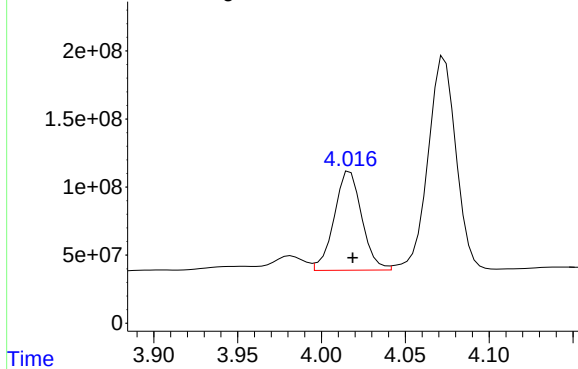
Response_ Signal: PD090874.D\ECD1A.ch



#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 122194599
Conc: 46.65 ng/ml m

Response_ Signal: PD090874.D\ECD2B.ch

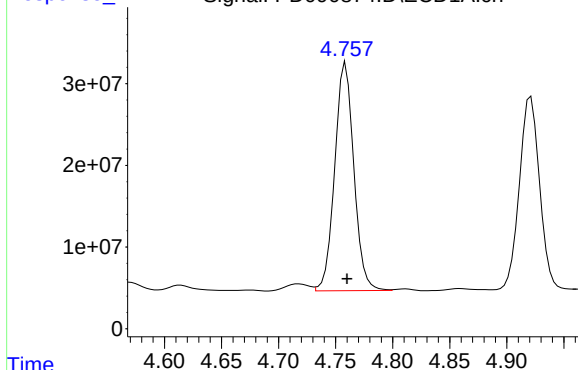


#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 833258010
Conc: 42.02 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

#7 delta-BHC



R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 325956413
Conc: 48.21 ng/ml

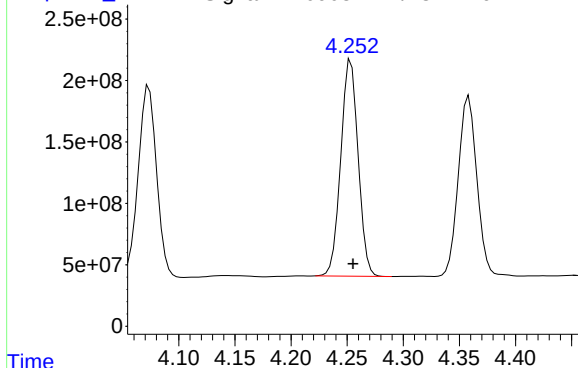
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090874.D\ECD2B.ch

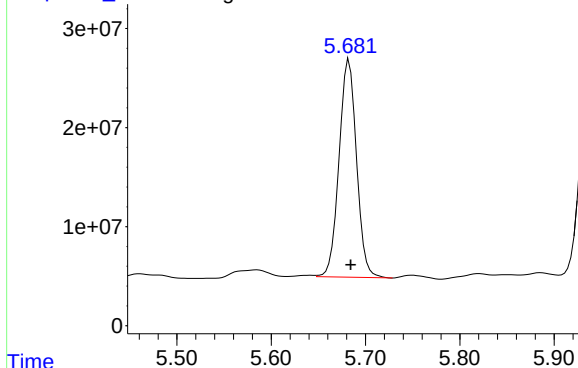
#7 delta-BHC



R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1898646521
Conc: 39.79 ng/ml

Time Response_ Signal: PD090874.D\ECD1A.ch

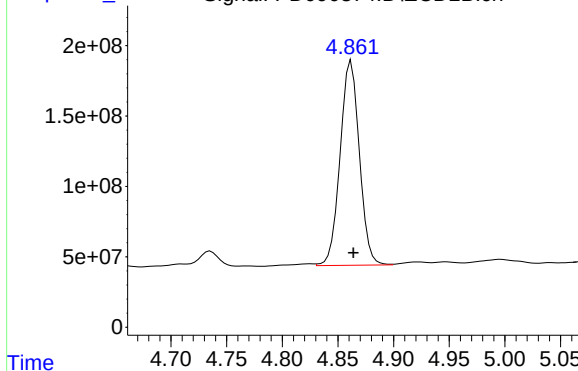
#8 Heptachlor epoxide



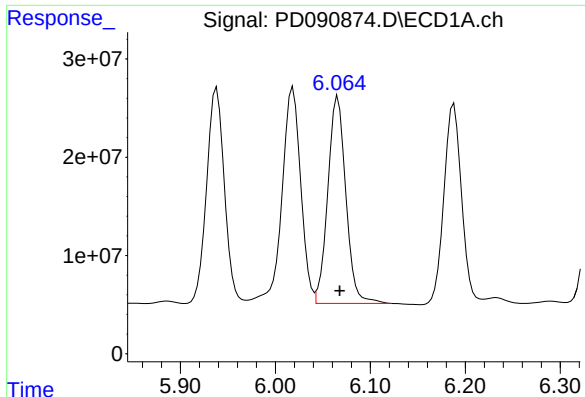
R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 283903108
Conc: 49.04 ng/ml

Time Response_ Signal: PD090874.D\ECD2B.ch

#8 Heptachlor epoxide



R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1749652300
Conc: 41.03 ng/ml



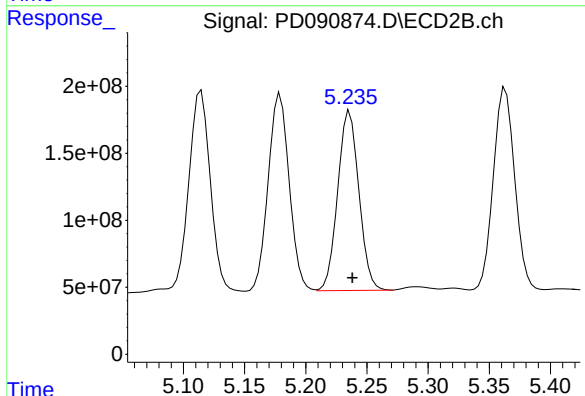
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 278490169
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

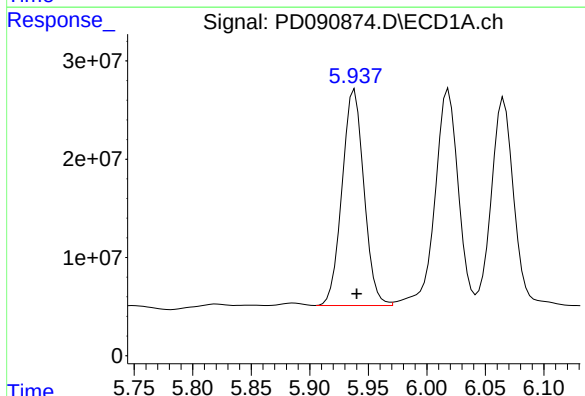
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



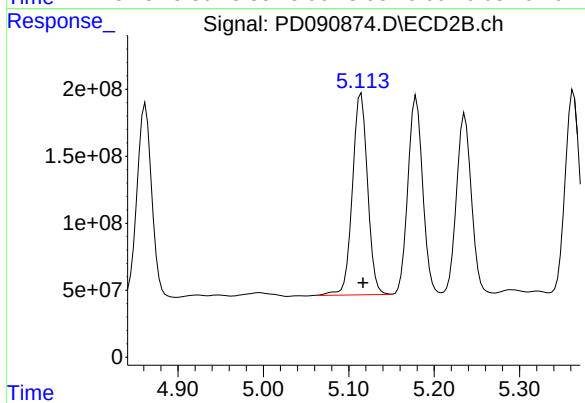
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1616668321
Conc: 41.04 ng/ml



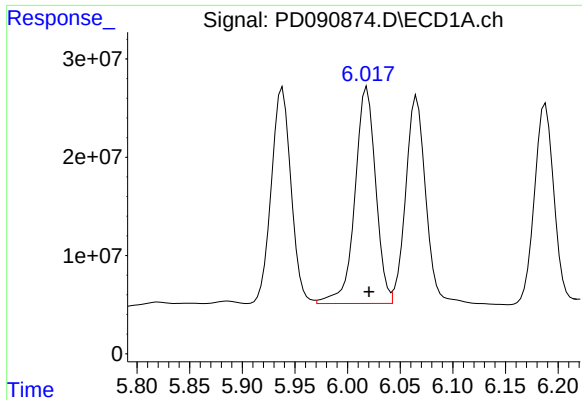
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 285572316
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1855478595
Conc: 41.28 ng/ml



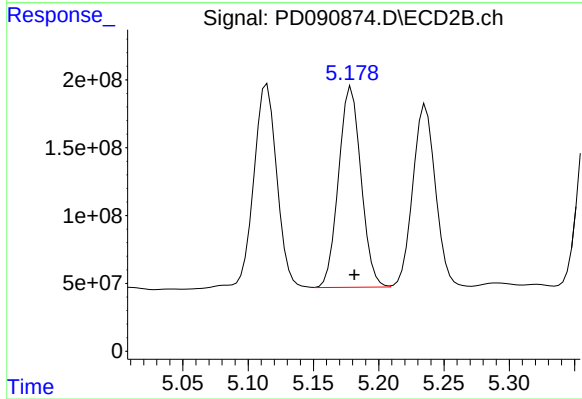
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 302315439
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

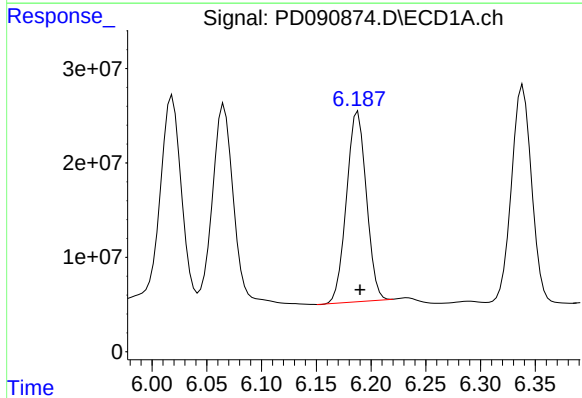
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



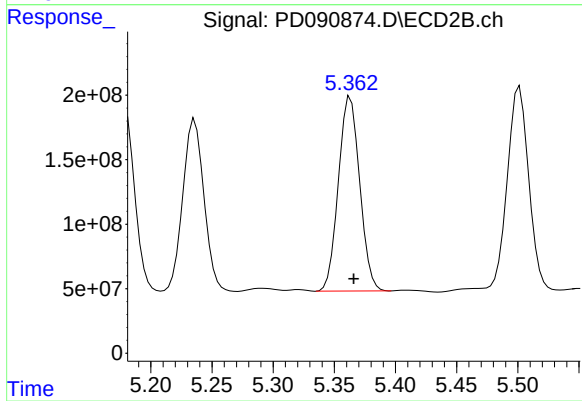
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1771956701
Conc: 41.08 ng/ml



#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 253790614
Conc: 47.65 ng/ml

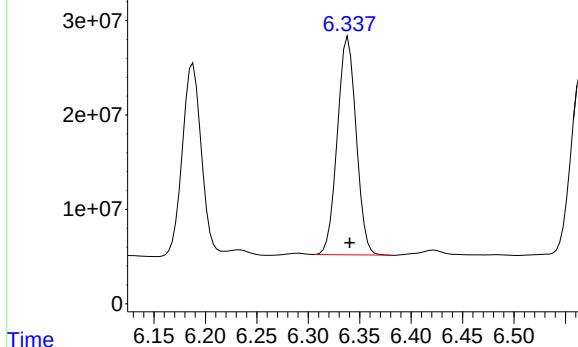


#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1827793932
Conc: 41.69 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

#13 Dieldrin



R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 294012632
Conc: 50.42 ng/ml

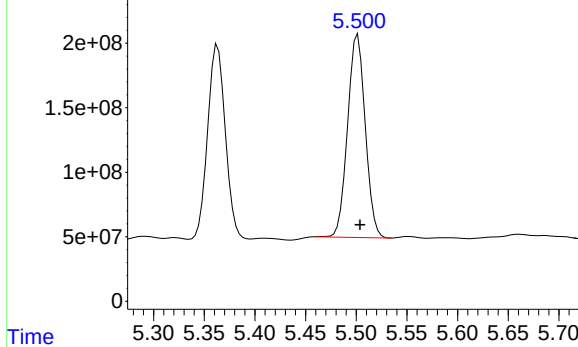
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Response_ Signal: PD090874.D\ECD2B.ch

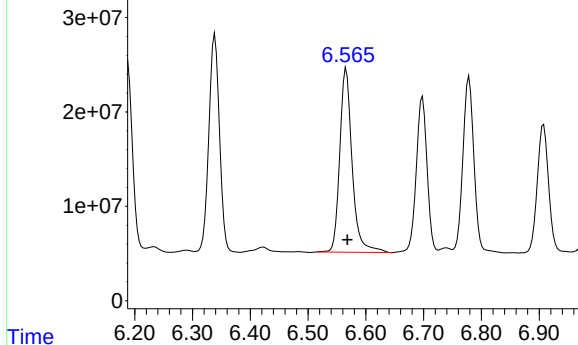
#13 Dieldrin



R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 1903523010
Conc: 43.08 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

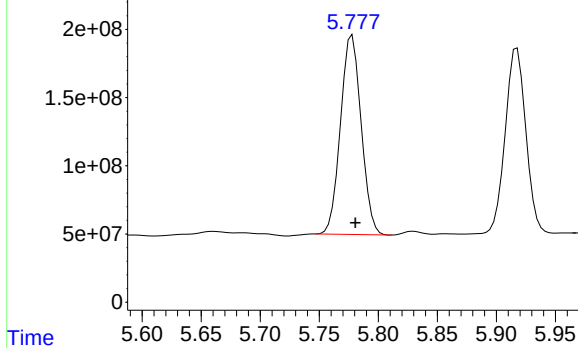
#14 Endrin



R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 289881688
Conc: 58.52 ng/ml

Response_ Signal: PD090874.D\ECD2B.ch

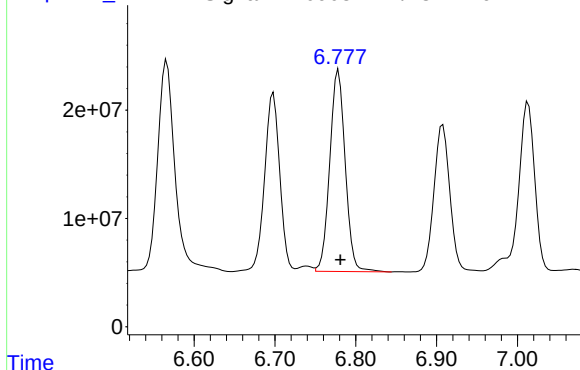
#14 Endrin



R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1779173109
Conc: 43.94 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

#15 Endosulfan II



R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 247259646
Conc: 49.45 ng/ml

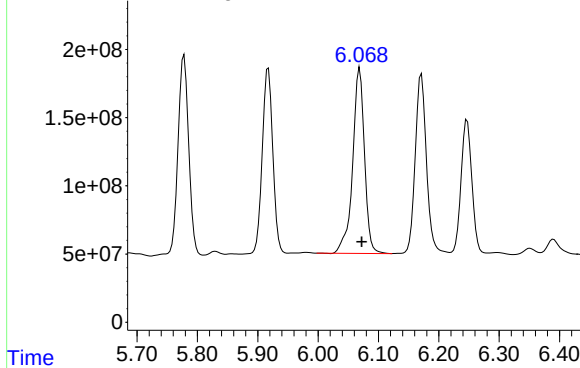
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090874.D\ECD2B.ch

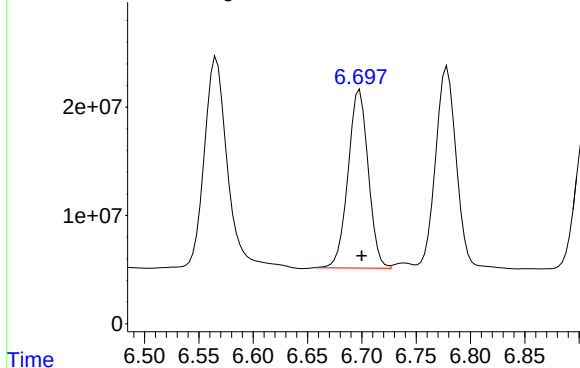
#15 Endosulfan II



R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1850244501
Conc: 49.27 ng/ml

Time Response_ Signal: PD090874.D\ECD1A.ch

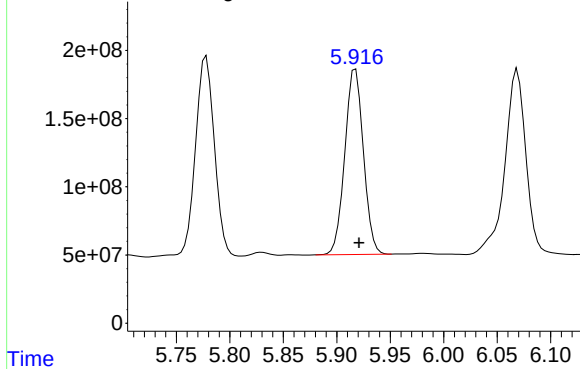
#16 4,4'-DDD



R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 212772742
Conc: 52.48 ng/ml

Time Response_ Signal: PD090874.D\ECD2B.ch

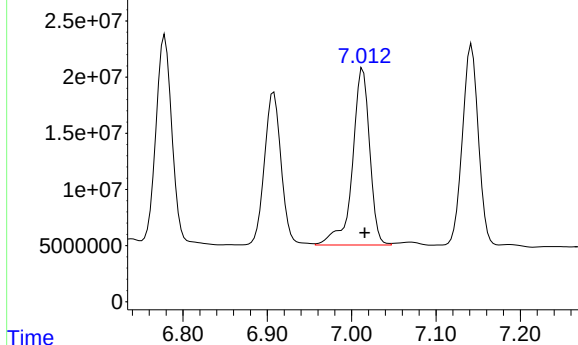
#16 4,4'-DDD



R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1648212161
Conc: 45.23 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

#17 4,4'-DDT



R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 223546675
Conc: 54.38 ng/ml

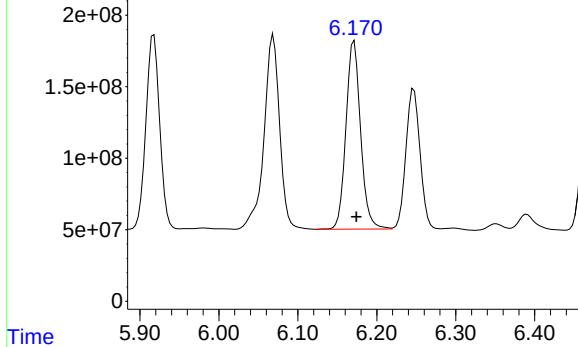
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090874.D\ECD2B.ch

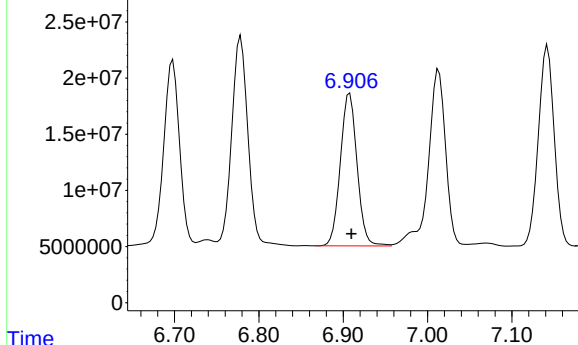
#17 4,4'-DDT



R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1697855291
Conc: 48.41 ng/ml

Time Response_ Signal: PD090874.D\ECD1A.ch

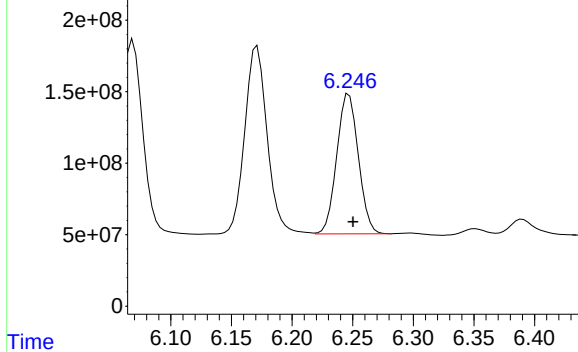
#18 Endrin aldehyde



R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 187037812
Conc: 51.07 ng/ml

Time Response_ Signal: PD090874.D\ECD2B.ch

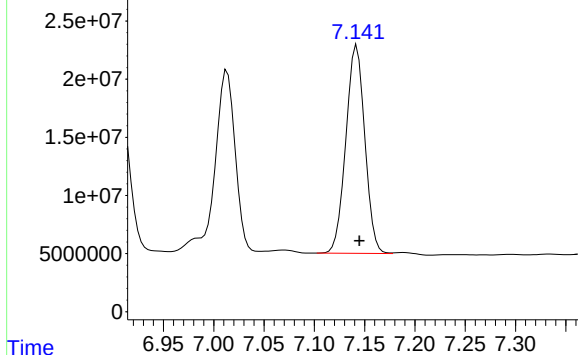
#18 Endrin aldehyde



R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1210352787
Conc: 43.71 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch

#19 Endosulfan Sulfate



R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 234250172
Conc: 50.50 ng/ml

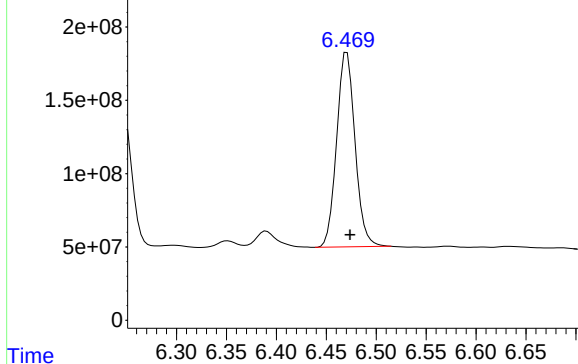
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
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Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090874.D\ECD2B.ch

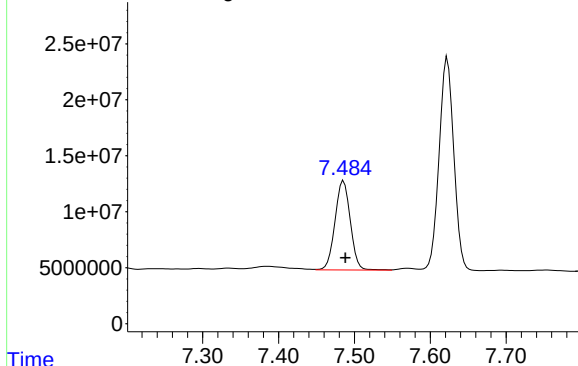
#19 Endosulfan Sulfate



R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1700789692
Conc: 47.45 ng/ml

Time Response_ Signal: PD090874.D\ECD1A.ch

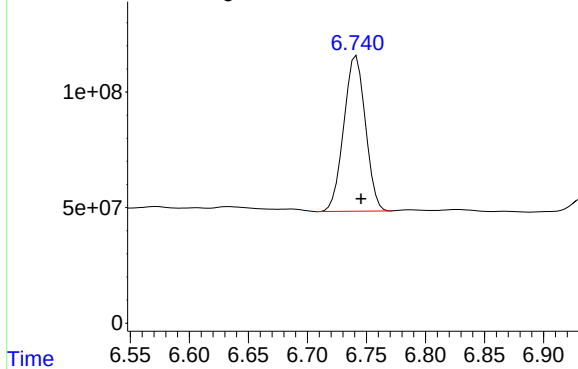
#20 Methoxychlor



R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 112009819
Conc: 52.70 ng/ml

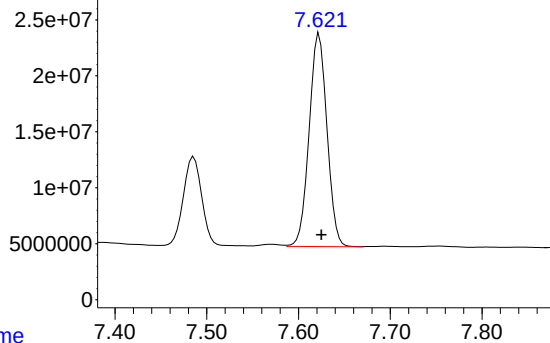
Time Response_ Signal: PD090874.D\ECD2B.ch

#20 Methoxychlor



R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 855682619
Conc: 49.10 ng/ml

Response_ Signal: PD090874.D\ECD1A.ch



#21 Endrin ketone

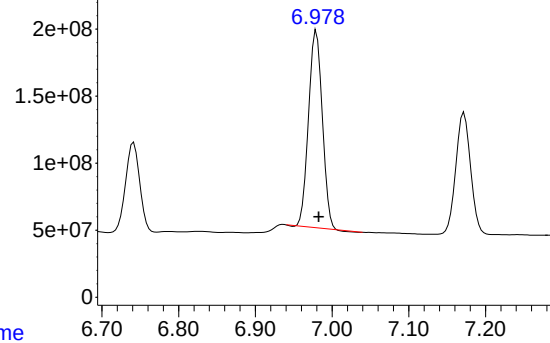
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 256811092
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
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Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

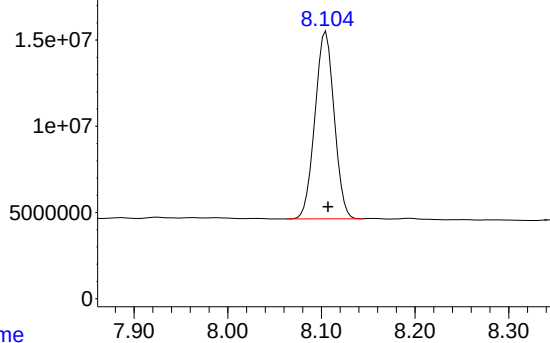
Response_ Signal: PD090874.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1826016800
Conc: 48.41 ng/ml

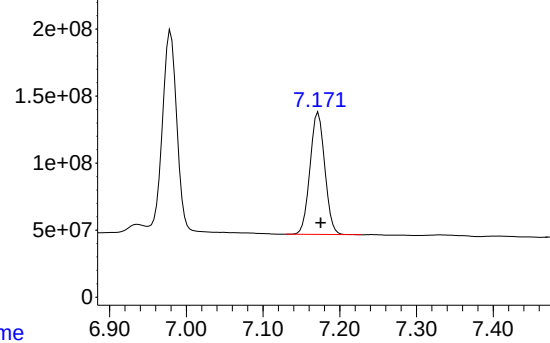
Response_ Signal: PD090874.D\ECD1A.ch



#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 155132394
Conc: 48.47 ng/ml

Response_ Signal: PD090874.D\ECD2B.ch

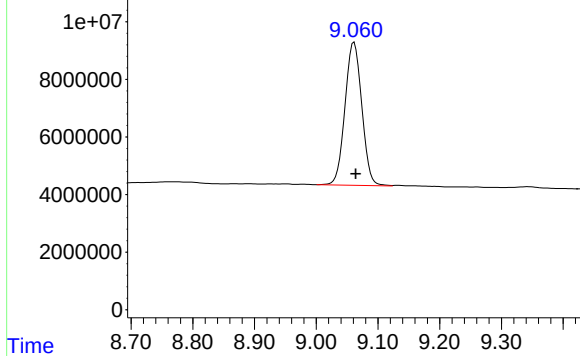


#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1218369460
Conc: 47.42 ng/ml

Signal: PD090874.D\ECD1A.ch

#28 Decachlorobiphenyl



R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 94120457
Conc: 20.12 ng/ml

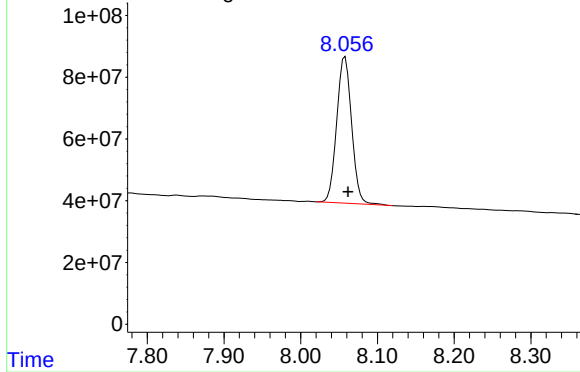
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Signal: PD090874.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 640769242
Conc: 21.15 ng/ml

Report of Analysis

Client: Weston Solutions, Inc.	Date Collected: 10/23/25	
Project: RFP 905	Date Received: 10/23/25	
Client Sample ID: P001-TW1-251023-01MSD	SDG No.: Q3447	
Lab Sample ID: Q3447-02MSD	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date: 10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	4.50		1	0.037	0.50	ug/L	10/28/25 12:08	PB170270
76-44-8	Heptachlor	5.30		1	0.027	0.50	ug/L	10/28/25 12:08	PB170270
1024-57-3	Heptachlor epoxide	4.90		1	0.096	0.50	ug/L	10/28/25 12:08	PB170270
72-20-8	Endrin	5.90		1	0.032	0.50	ug/L	10/28/25 12:08	PB170270
72-43-5	Methoxychlor	5.30		1	0.11	0.50	ug/L	10/28/25 12:08	PB170270
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	10/28/25 12:08	PB170270
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	10/28/25 12:08	PB170270
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.0			57 - 171	105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.3			61 - 148	96%	SPK: 20		

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

Q3447-TCLP Pesticide

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\PD102825\
 Data File : PD090875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 12:08
 Operator : AR\AJ
 Sample : Q3447-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P001-TW1-251023-01MSD

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:42:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	52425274	574.4E6	16.834	19.290
28)	SA Decachlor...	9.062	8.059	94771471	636.7E6	20.259	21.019
Target Compounds							
2)	A alpha-BHC	3.994	3.385	328.2E6	2163.0E6	45.735	42.332
3)	MA gamma-BHC...	4.324	3.721	304.1E6	1845.6E6	44.728	39.061
4)	MA Heptachlor	4.922	4.073	297.5E6	1828.1E6	53.218	40.987
5)	MB Aldrin	5.263	4.359	289.2E6	1699.6E6	44.165	36.693
6)	B beta-BHC	4.510	4.017	122.0E6	833.1E6	46.574m	42.011
7)	B delta-BHC	4.759	4.253	324.5E6	1912.8E6	47.984	40.087
8)	B Heptachlo...	5.683	4.862	285.9E6	1762.0E6	49.385	41.324
9)	A Endosulfan I	6.067	5.236	277.7E6	1628.1E6	50.158	41.331
10)	B gamma-Chl...	5.939	5.114	287.2E6	1871.4E6	48.418	41.634
11)	B alpha-Chl...	6.019	5.179	300.5E6	1782.2E6	48.628	41.313
12)	B 4,4'-DDE	6.188	5.363	255.0E6	1840.6E6	47.877	41.986
13)	MA Dieldrin	6.339	5.502	294.5E6	1917.3E6	50.497	43.395
14)	MA Endrin	6.567	5.778	291.1E6	1794.2E6	58.757	44.307
15)	B Endosulfa...	6.779	6.070	247.2E6	1862.5E6	49.443	49.593
16)	A 4,4'-DDD	6.699	5.918	212.8E6	1652.1E6	52.477	45.340
17)	MA 4,4'-DDT	7.014	6.172	225.4E6	1719.1E6	54.840	49.015
18)	B Endrin al...	6.908	6.248	186.9E6	1217.9E6	51.028	43.979
19)	B Endosulfa...	7.143	6.471	233.9E6	1714.6E6	50.427	47.833
20)	A Methoxychlor	7.486	6.742	113.2E6	861.8E6	53.240	49.451
21)	B Endrin ke...	7.623	6.980	258.3E6	1841.1E6	53.151	48.812
22)	Mirex	8.105	7.173	155.6E6	1225.1E6	48.602	47.687

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:08
Operator : AR\AJ
Sample : Q3447-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

P001-TW1-251023-01MSD

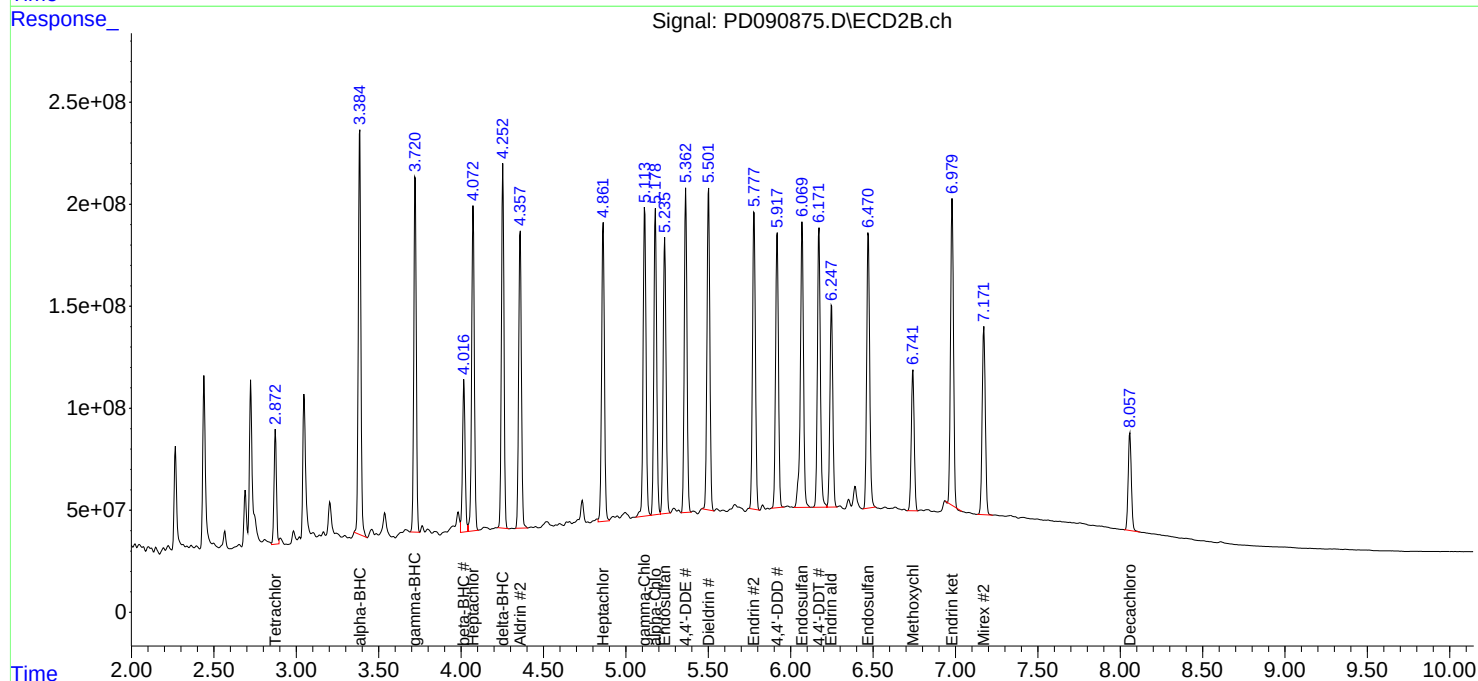
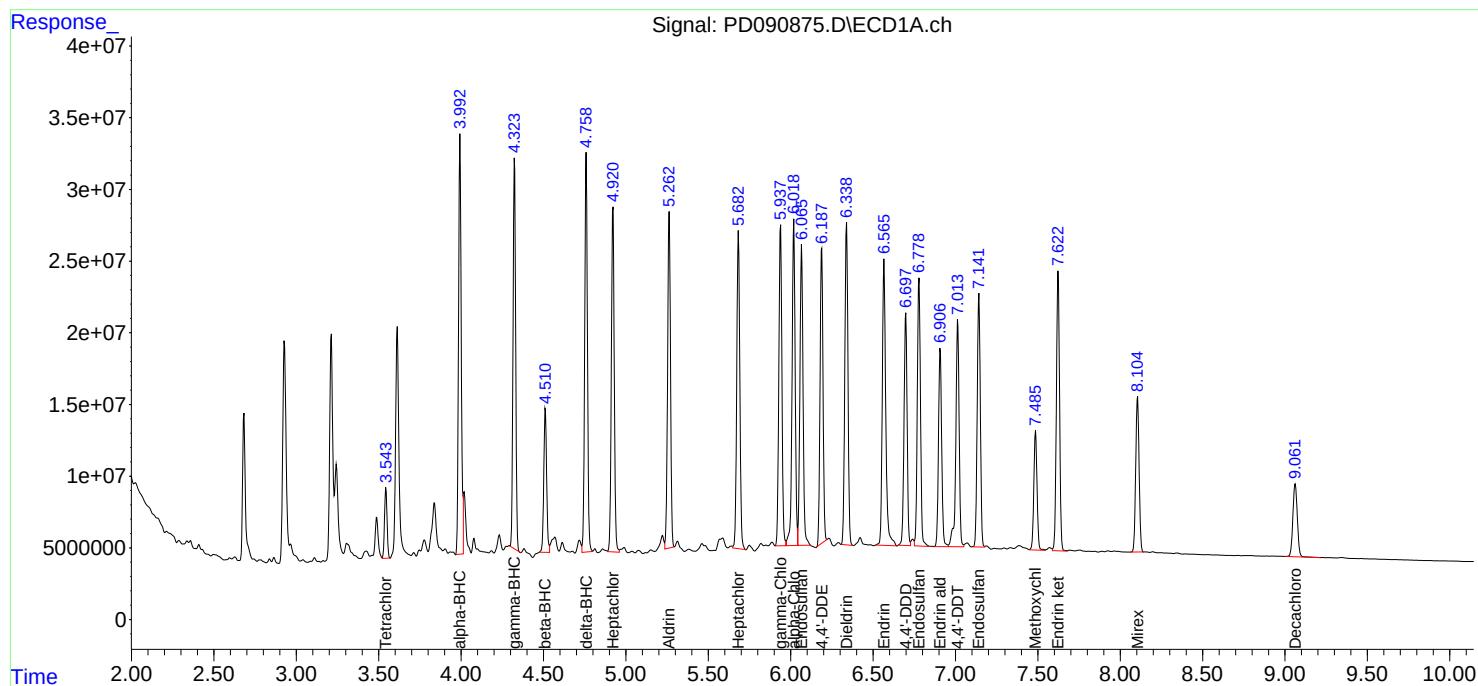
Manual Integrations

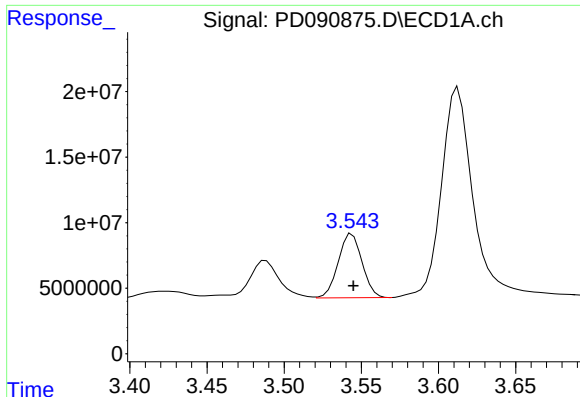
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





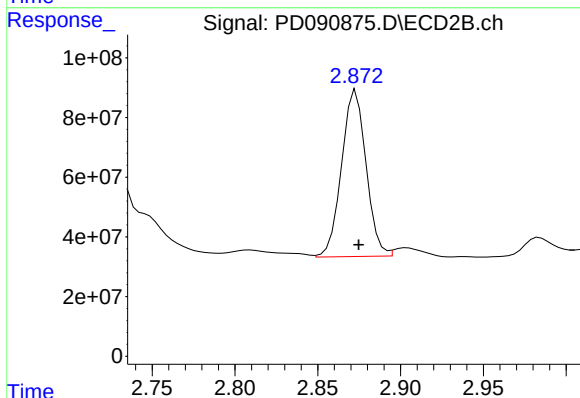
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52425274
Conc: 16.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

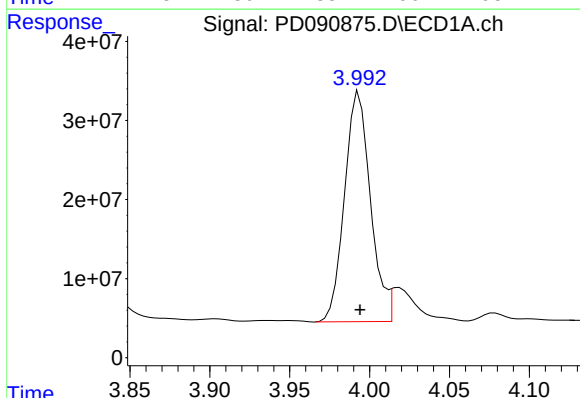
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



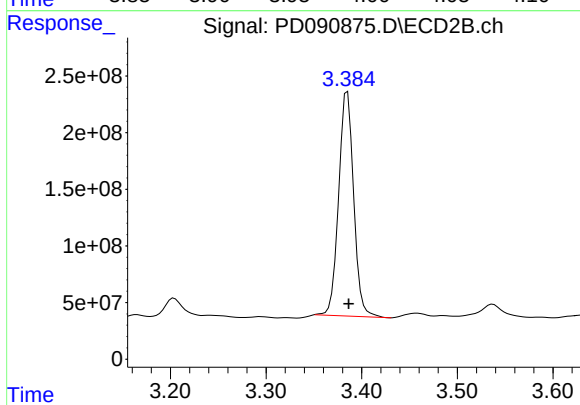
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 574415363
Conc: 19.29 ng/ml



#2 alpha-BHC

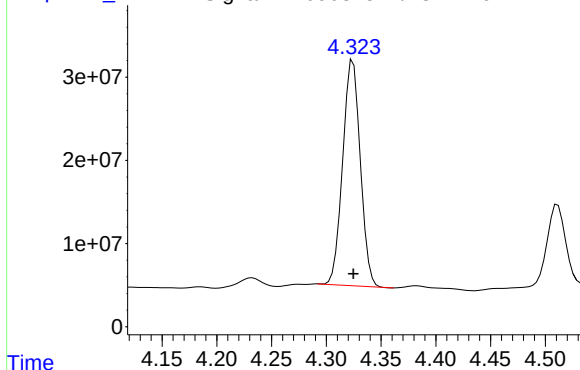
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 328246666
Conc: 45.74 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2163003823
Conc: 42.33 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 304097335
Conc: 44.73 ng/ml

Instrument :

ECD_D

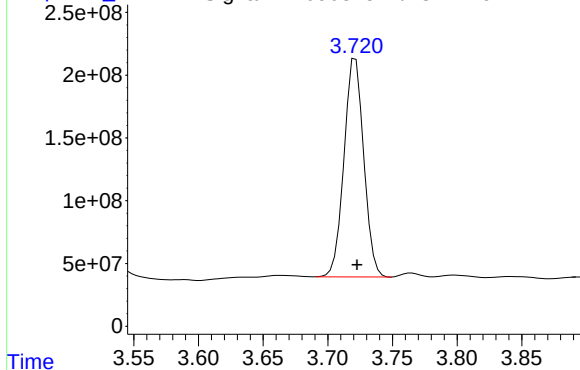
ClientSampleId :

P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

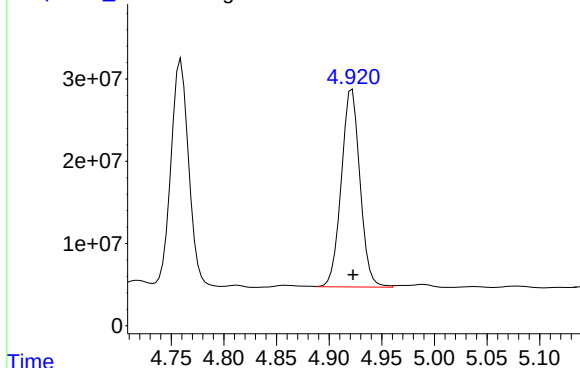
Time Response_ Signal: PD090875.D\ECD2B.ch



#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 1845594011
Conc: 39.06 ng/ml

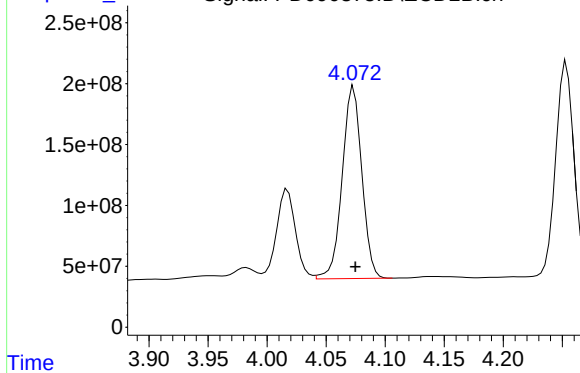
Response_ Signal: PD090875.D\ECD1A.ch



#4 Heptachlor

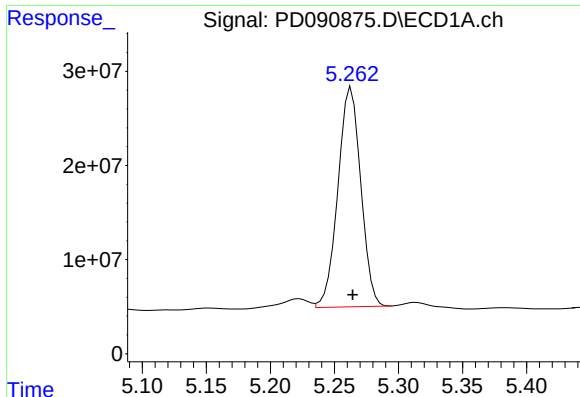
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 297463654
Conc: 53.22 ng/ml

Time Response_ Signal: PD090875.D\ECD2B.ch



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1828135138
Conc: 40.99 ng/ml



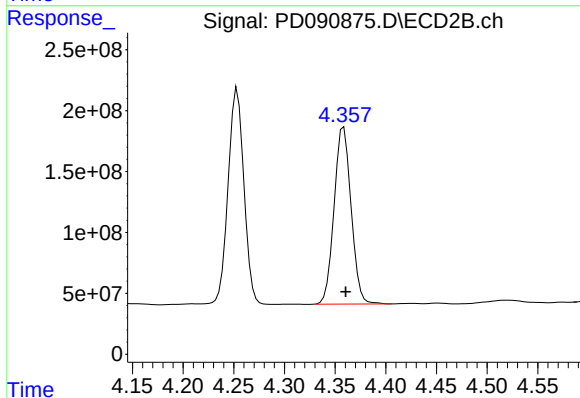
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 289158606
Conc: 44.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

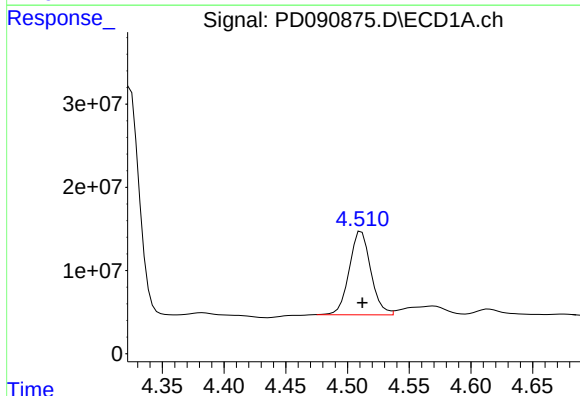
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



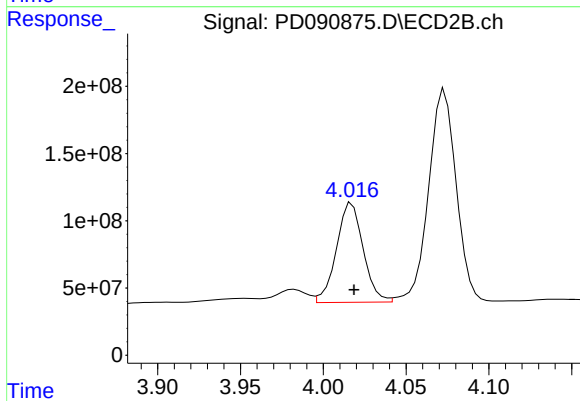
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1699601007
Conc: 36.69 ng/ml



#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 122005521
Conc: 46.57 ng/ml m

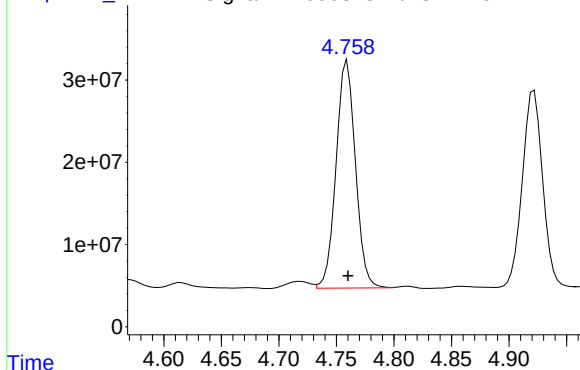


#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 833056878
Conc: 42.01 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch

#7 delta-BHC



R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 324451793
Conc: 47.98 ng/ml

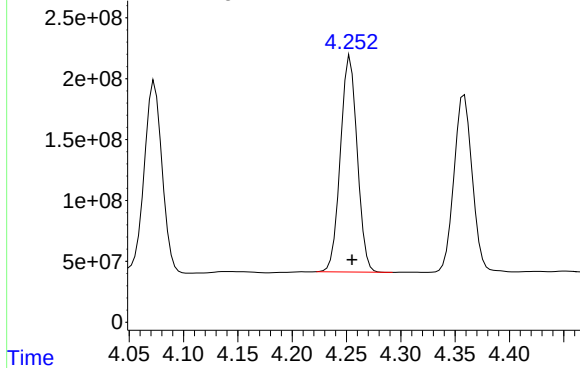
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090875.D\ECD2B.ch

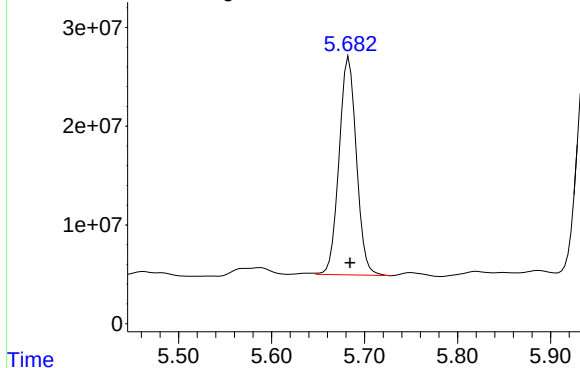
#7 delta-BHC



R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1912835759
Conc: 40.09 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch

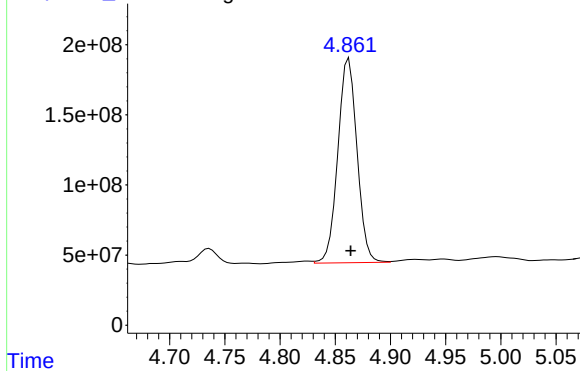
#8 Heptachlor epoxide



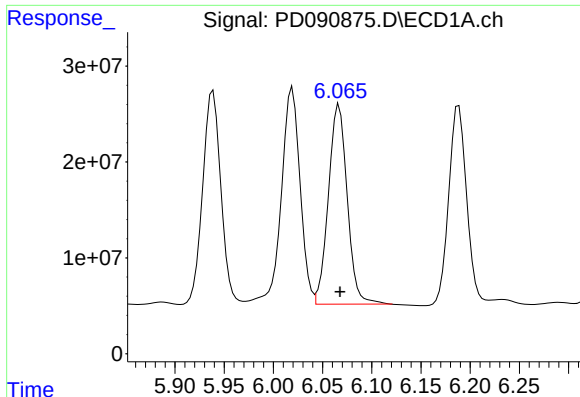
R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 285893375
Conc: 49.39 ng/ml

Time Response_ Signal: PD090875.D\ECD2B.ch

#8 Heptachlor epoxide



R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1762008582
Conc: 41.32 ng/ml



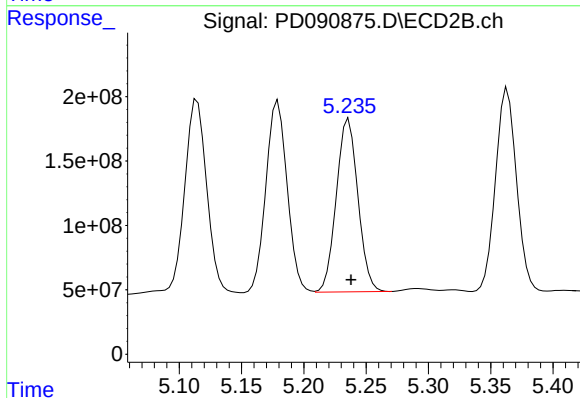
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 277706233
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

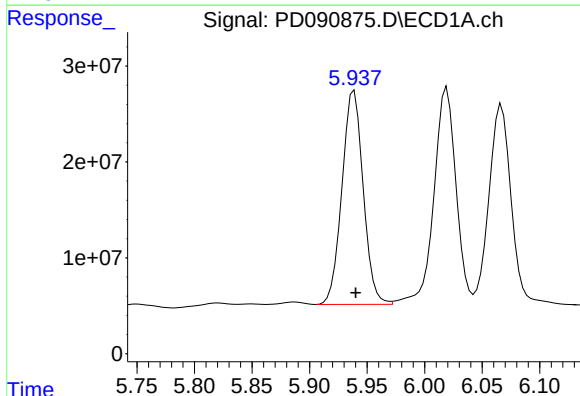
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



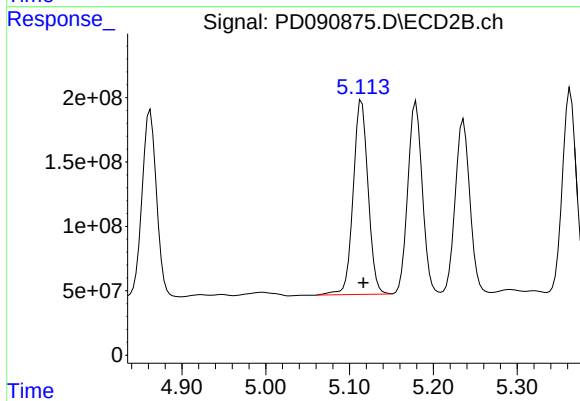
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1628056634
Conc: 41.33 ng/ml



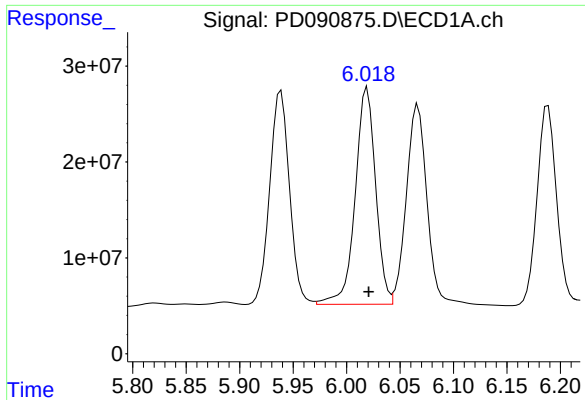
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 287174070
Conc: 48.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 1871379608
Conc: 41.63 ng/ml



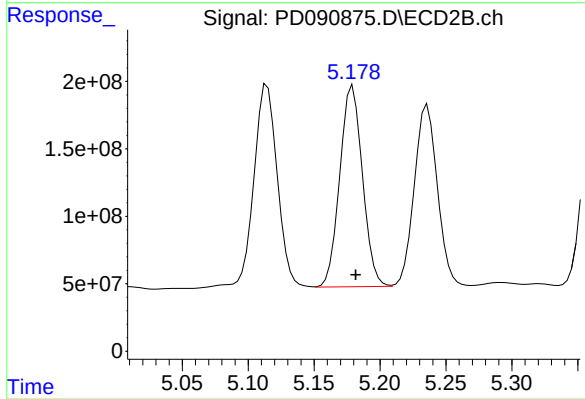
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 300532314
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

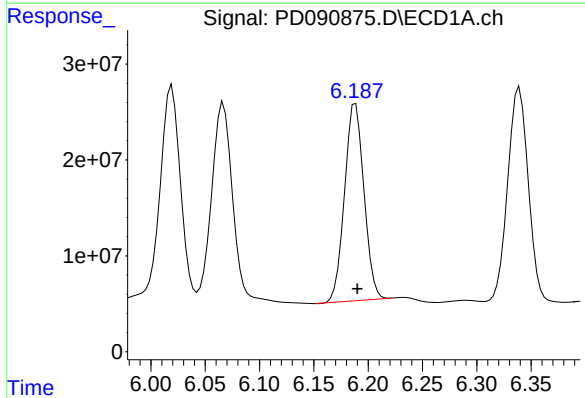
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



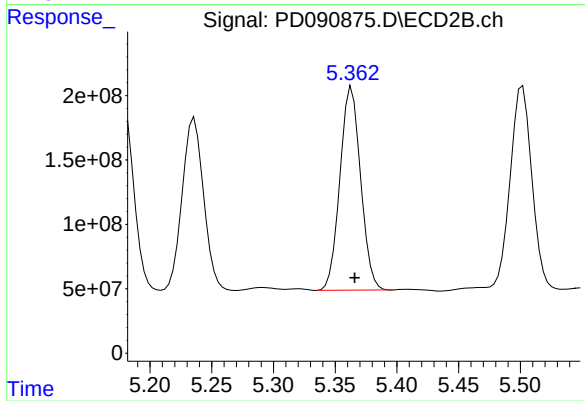
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 1782157697
Conc: 41.31 ng/ml



#12 4,4'-DDE

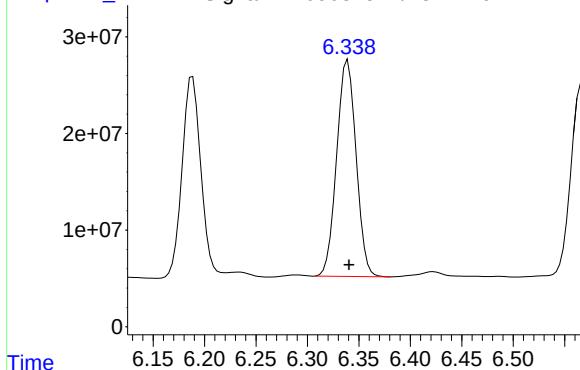
R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 255024975
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 1840595052
Conc: 41.99 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch



#13 Dieldrin

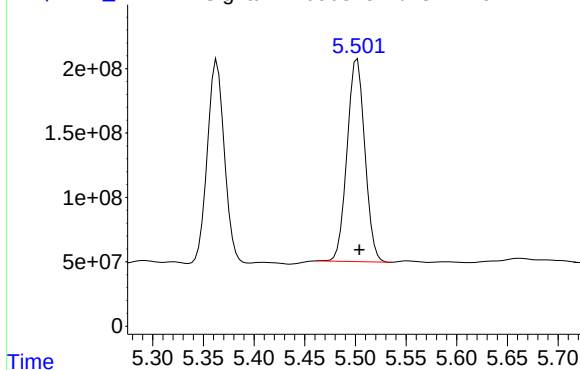
R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 294464022
Conc: 50.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

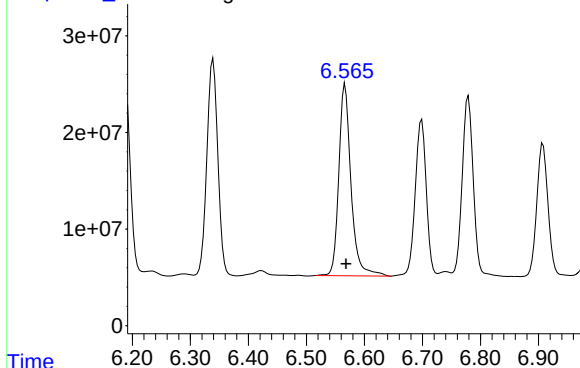
Response_ Signal: PD090875.D\ECD2B.ch



#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1917347799
Conc: 43.39 ng/ml

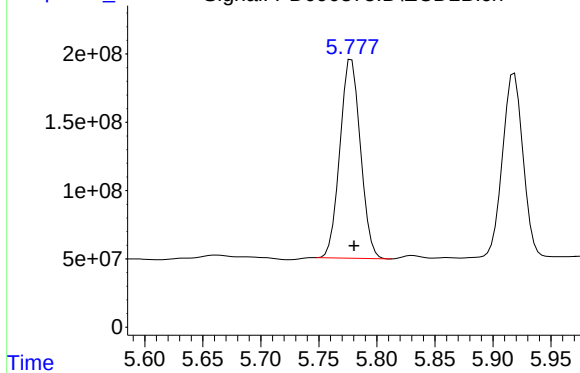
Response_ Signal: PD090875.D\ECD1A.ch



#14 Endrin

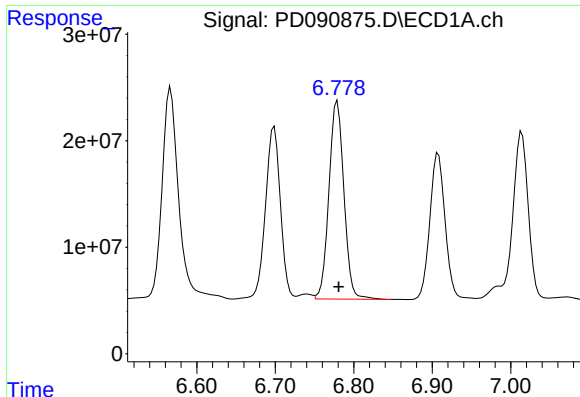
R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 291063778
Conc: 58.76 ng/ml

Response_ Signal: PD090875.D\ECD2B.ch



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1794163908
Conc: 44.31 ng/ml



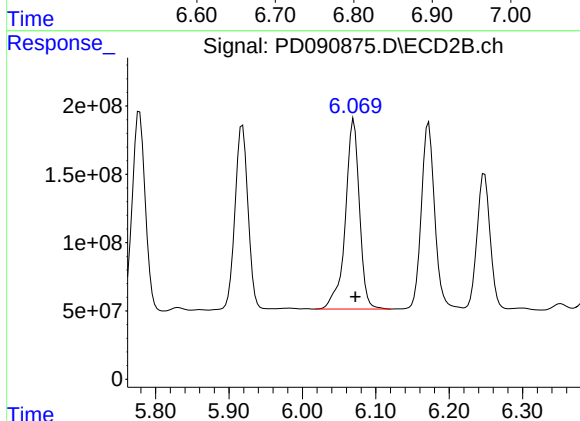
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 247215325
Conc: 49.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

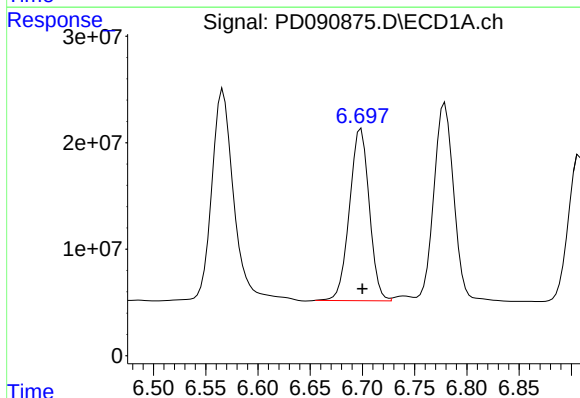
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



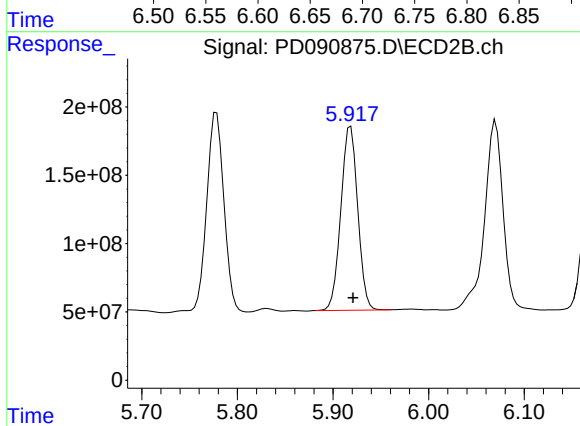
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1862485664
Conc: 49.59 ng/ml



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 212750962
Conc: 52.48 ng/ml

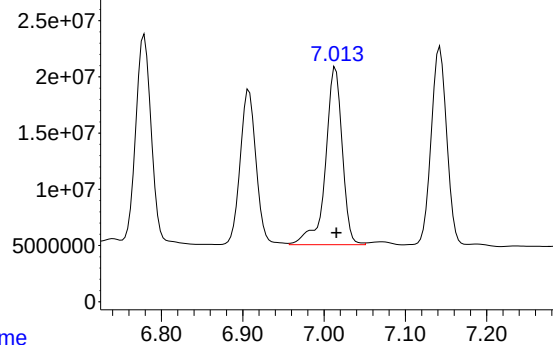


#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 1652094271
Conc: 45.34 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch

#17 4,4'-DDT



R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 225418931
Conc: 54.84 ng/ml

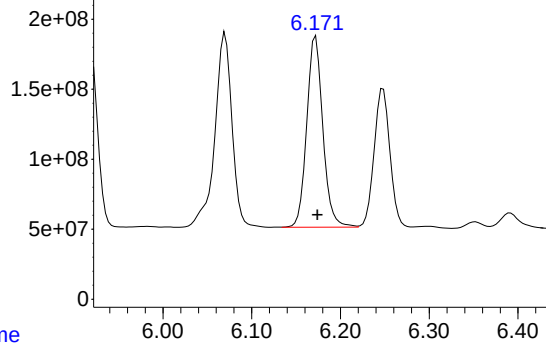
Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090875.D\ECD2B.ch

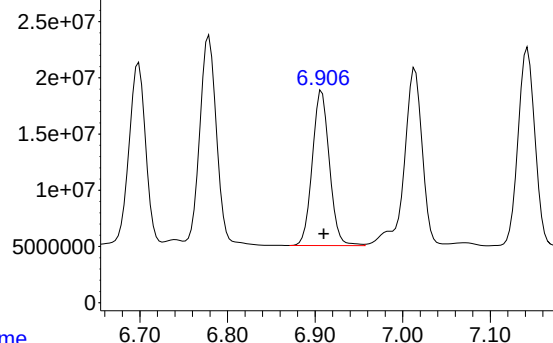
#17 4,4'-DDT



R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1719112876
Conc: 49.02 ng/ml

Time Response_ Signal: PD090875.D\ECD1A.ch

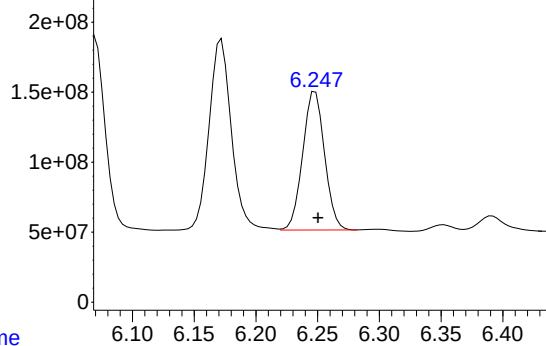
#18 Endrin aldehyde



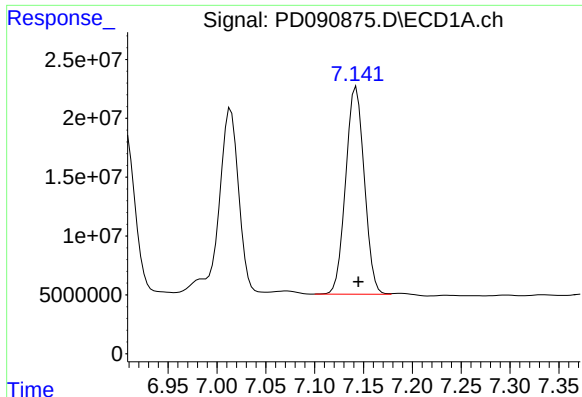
R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 186899274
Conc: 51.03 ng/ml

Time Response_ Signal: PD090875.D\ECD2B.ch

#18 Endrin aldehyde



R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1217890291
Conc: 43.98 ng/ml



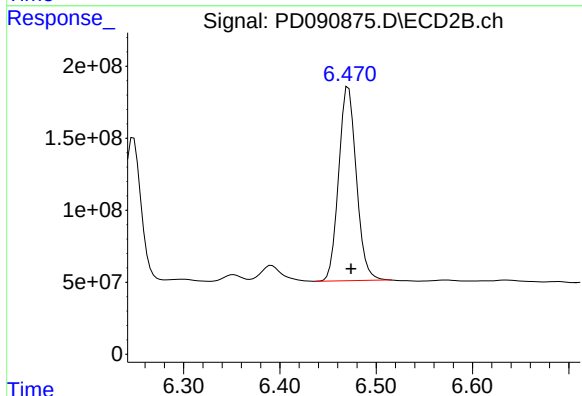
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 233887906
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

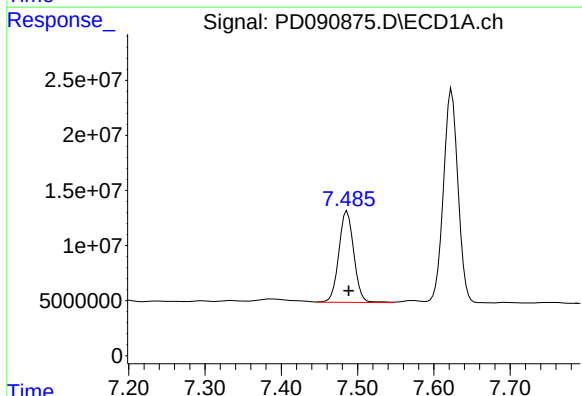
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



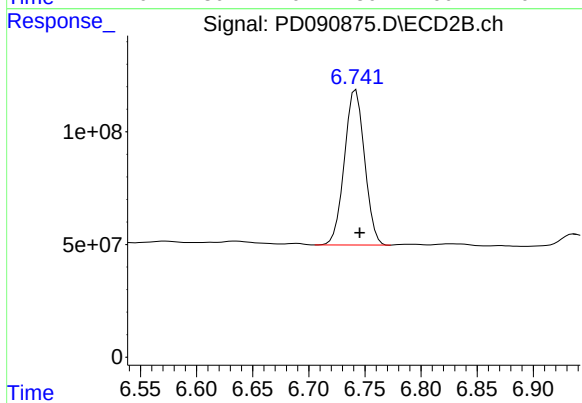
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1714582321
Conc: 47.83 ng/ml



#20 Methoxychlor

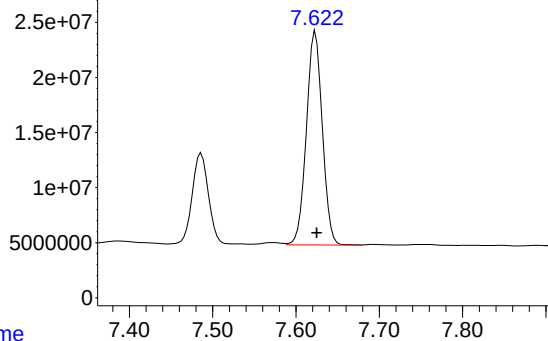
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 113165344
Conc: 53.24 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 861829751
Conc: 49.45 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch



#21 Endrin ketone

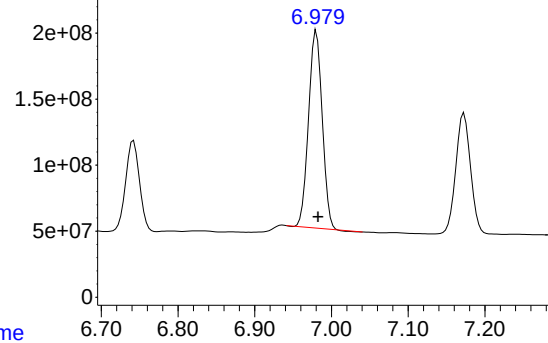
R.T.: 7.623 min
Delta R.T.: -0.001 min
Response: 258250552
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

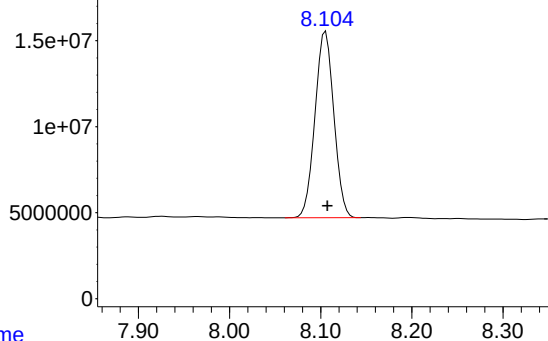
Time Response_ Signal: PD090875.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 1841062284
Conc: 48.81 ng/ml

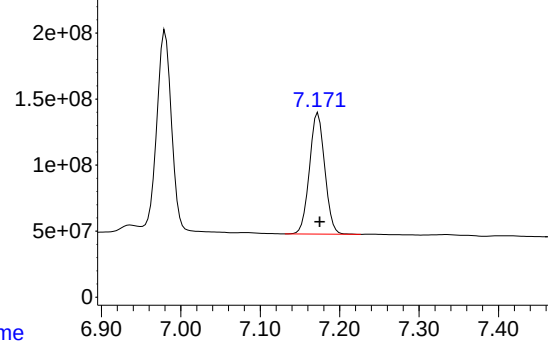
Time Response_ Signal: PD090875.D\ECD1A.ch



#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 155567588
Conc: 48.60 ng/ml

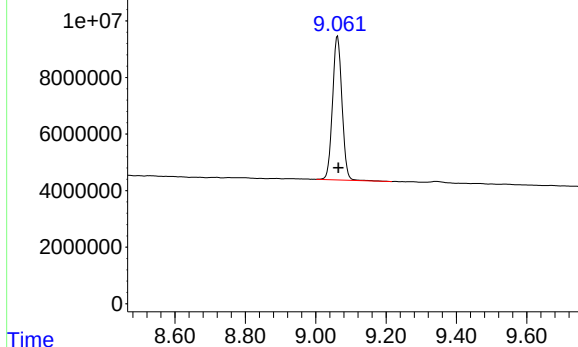
Time Response_ Signal: PD090875.D\ECD2B.ch



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 1225134985
Conc: 47.69 ng/ml

Response_ Signal: PD090875.D\ECD1A.ch



#28 Decachlorobiphenyl

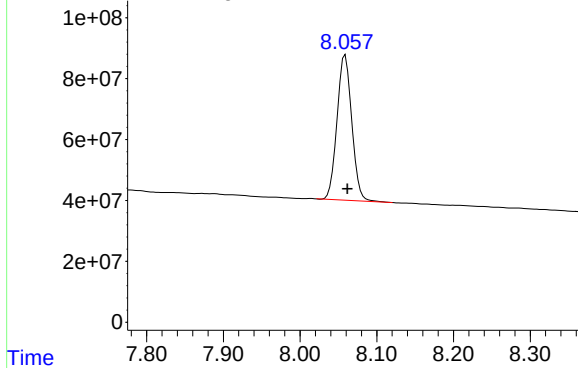
R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 94771471
Conc: 20.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
P001-TW1-251023-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Time Response_ Signal: PD090875.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 636706093
Conc: 21.02 ng/ml

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

Manual Integration Report

Sequence:	pd102825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090868.D	4,4"-DDE	Abdul	10/29/2025 8:14:23 AM	Sohil	10/29/2025 4:12:45	Peak Integrated by Software
PEM	PD090868.D	4,4"-DDE #2	Abdul	10/29/2025 8:14:23 AM	Sohil	10/29/2025 4:12:45	Peak Integrated by Software
Q3447-02MS	PD090874.D	beta-BHC	Abdul	10/29/2025 8:14:06 AM	Sohil	10/29/2025 4:12:49	Peak Integrated by Software
Q3447-02MSD	PD090875.D	beta-BHC	Abdul	10/29/2025 8:14:02 AM	Sohil	10/29/2025 4:12:51	Peak Integrated by Software
Q3447-04	PD090876.D	Decachlorobiphenyl	Abdul	10/29/2025 8:13:57 AM	Sohil	10/29/2025 4:12:54	Peak Integrated by Software
Q3447-08	PD090878.D	Tetrachloro-m-xylene	Abdul	10/29/2025 8:13:53 AM	Sohil	10/29/2025 4:12:56	Peak Integrated by Software
Q3447-08	PD090878.D	Tetrachloro-m-xylene #2	Abdul	10/29/2025 8:13:53 AM	Sohil	10/29/2025 4:12:56	Peak Integrated by Software
PSTDCCC050	PD090880.D	beta-BHC	Abdul	10/29/2025 8:13:49 AM	Sohil	10/29/2025 4:12:57	Peak Integrated by Software
PSTDCCC050	PD090880.D	Heptachlor epoxide	Abdul	10/29/2025 8:13:49 AM	Sohil	10/29/2025 4:12:57	Peak Integrated by Software

Manual Integration Report

Sequence:	pd110525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090978.D	Endrin ketone #2	yogesh	11/6/2025 3:30:12 AM	mohammad	11/6/2025 3:31:20	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM
SubDirectory	PD102825	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090866.D	28 Oct 2025 09:28	AR\AJ	Ok
2	I.BLK	PD090867.D	28 Oct 2025 09:42	AR\AJ	Ok
3	PEM	PD090868.D	28 Oct 2025 09:55	AR\AJ	Ok,M
4	PSTDCCC050	PD090869.D	28 Oct 2025 10:46	AR\AJ	Ok
5	PB170270BL	PD090870.D	28 Oct 2025 10:59	AR\AJ	Not Ok
6	PB170270BS	PD090871.D	28 Oct 2025 11:13	AR\AJ	Not Ok
7	PB170239TB	PD090872.D	28 Oct 2025 11:27	AR\AJ	Not Ok
8	Q3447-02	PD090873.D	28 Oct 2025 11:40	AR\AJ	Ok
9	Q3447-02MS	PD090874.D	28 Oct 2025 11:54	AR\AJ	Ok,M
10	Q3447-02MSD	PD090875.D	28 Oct 2025 12:08	AR\AJ	Ok,M
11	Q3447-04	PD090876.D	28 Oct 2025 12:21	AR\AJ	Ok,M
12	Q3447-06	PD090877.D	28 Oct 2025 12:35	AR\AJ	Ok
13	Q3447-08	PD090878.D	28 Oct 2025 12:48	AR\AJ	Ok,M
14	I.BLK	PD090879.D	28 Oct 2025 13:16	AR\AJ	Ok
15	PSTDCCC050	PD090880.D	28 Oct 2025 13:50	AR\AJ	Ok,M
16	PB170283BL	PD090881.D	28 Oct 2025 14:35	AR\AJ	Ok
17	PB170283BS	PD090882.D	28 Oct 2025 15:21	AR\AJ	Not Ok
18	PB170239TB	PD090883.D	28 Oct 2025 15:42	AR\AJ	Ok
19	PB170270BS	PD090884.D	28 Oct 2025 15:55	AR\AJ	Ok
20	PB170283BS	PD090885.D	28 Oct 2025 16:16	AR\AJ	Ok,M
21	Q3465-01	PD090886.D	28 Oct 2025 16:30	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM
SubDirectory	PD102825	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PB170287BL	PD090887.D	28 Oct 2025 16:43	AR\AJ	Ok
23	PB170287BS	PD090888.D	28 Oct 2025 16:57	AR\AJ	Ok
24	PB170287BSD	PD090889.D	28 Oct 2025 17:11	AR\AJ	Ok
25	Q3434-02	PD090890.D	28 Oct 2025 17:24	AR\AJ	Ok,M
26	I.BLK	PD090891.D	28 Oct 2025 17:38	AR\AJ	Ok
27	PSTDCCC050	PD090892.D	28 Oct 2025 17:52	AR\AJ	Ok
28	Q3466-02	PD090893.D	28 Oct 2025 18:46	AR\AJ	Ok,M
29	Q3466-02MS	PD090894.D	28 Oct 2025 19:00	AR\AJ	Ok,M
30	Q3466-02MSD	PD090895.D	28 Oct 2025 19:14	AR\AJ	Ok,M
31	Q3466-05	PD090896.D	28 Oct 2025 19:27	AR\AJ	Ok,M
32	Q3466-07	PD090897.D	28 Oct 2025 19:41	AR\AJ	Ok
33	Q3469-01	PD090898.D	28 Oct 2025 19:55	AR\AJ	Ok,M
34	Q3472-16	PD090899.D	28 Oct 2025 20:08	AR\AJ	Ok,M
35	I.BLK	PD090900.D	28 Oct 2025 20:22	AR\AJ	Ok
36	PEM	PD090901.D	28 Oct 2025 20:36	AR\AJ	Ok
37	PSTDCCC050	PD090902.D	28 Oct 2025 21:58	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090958.D	05 Nov 2025 09:07	AR\AJ	Ok
2	I.BLK	PD090959.D	05 Nov 2025 09:20	AR\AJ	Ok
3	PEM	PD090960.D	05 Nov 2025 09:34	AR\AJ	Ok
4	PSTDCCC050	PD090961.D	05 Nov 2025 09:47	AR\AJ	Ok
5	PB170270BL	PD090962.D	05 Nov 2025 10:12	AR\AJ	Ok
6	PB170371BS	PD090963.D	05 Nov 2025 10:26	AR\AJ	Not Ok
7	Q3368-06	PD090964.D	05 Nov 2025 10:39	AR\AJ	Not Ok
8	Q3368-06MS	PD090965.D	05 Nov 2025 10:53	AR\AJ	Ok,M
9	Q3368-06MSD	PD090966.D	05 Nov 2025 11:07	AR\AJ	Ok,M
10	Q3368-07	PD090967.D	05 Nov 2025 11:20	AR\AJ	Not Ok
11	I.BLK	PD090968.D	05 Nov 2025 11:34	AR\AJ	Ok
12	PSTDCCC050	PD090969.D	05 Nov 2025 11:47	AR\AJ	Ok
13	PB170400BL	PD090970.D	05 Nov 2025 12:51	AR\AJ	Ok
14	PB170400BS	PD090971.D	05 Nov 2025 13:04	AR\AJ	Not Ok
15	Q3532-01	PD090972.D	05 Nov 2025 13:18	AR\AJ	Ok,M
16	Q3532-01MS	PD090973.D	05 Nov 2025 13:32	AR\AJ	Ok,M
17	Q3532-01MSD	PD090974.D	05 Nov 2025 13:45	AR\AJ	Ok,M
18	Q3532-05	PD090975.D	05 Nov 2025 13:59	AR\AJ	Ok,M
19	Q3537-01	PD090976.D	05 Nov 2025 14:13	AR\AJ	Ok,M
20	I.BLK	PD090977.D	05 Nov 2025 14:26	AR\AJ	Ok
21	PSTDCCC050	PD090978.D	05 Nov 2025 16:15	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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			

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM
SubDirectory	PD102825	HP Acquire Method	HP Processing Method pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	PD090866.D	28 Oct 2025 09:28		AR\AJ	Ok
2	I.BLK	I.BLK	PD090867.D	28 Oct 2025 09:42		AR\AJ	Ok
3	PEM	PEM	PD090868.D	28 Oct 2025 09:55		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090869.D	28 Oct 2025 10:46		AR\AJ	Ok
5	PB170270BL	PB170270BL	PD090870.D	28 Oct 2025 10:59	TCMX high in both column , DCB high in 2nd column	AR\AJ	Not Ok
6	PB170270BS	PB170270BS	PD090871.D	28 Oct 2025 11:13	RECOVERY FAIL.	AR\AJ	Not Ok
7	PB170239TB	PB170239TB	PD090872.D	28 Oct 2025 11:27	DCB and TCMX high in 2nd column	AR\AJ	Not Ok
8	Q3447-02	P001-TW1-251023-01	PD090873.D	28 Oct 2025 11:40		AR\AJ	Ok
9	Q3447-02MS	P001-TW1-251023-01M	PD090874.D	28 Oct 2025 11:54		AR\AJ	Ok,M
10	Q3447-02MSD	P001-TW1-251023-01M	PD090875.D	28 Oct 2025 12:08		AR\AJ	Ok,M
11	Q3447-04	P001-TW2-251023-01	PD090876.D	28 Oct 2025 12:21		AR\AJ	Ok,M
12	Q3447-06	P001-TW3-251023-01	PD090877.D	28 Oct 2025 12:35		AR\AJ	Ok
13	Q3447-08	P001-TW4-251023-01	PD090878.D	28 Oct 2025 12:48		AR\AJ	Ok,M
14	I.BLK	I.BLK	PD090879.D	28 Oct 2025 13:16		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD090880.D	28 Oct 2025 13:50		AR\AJ	Ok,M
16	PB170283BL	PB170283BL	PD090881.D	28 Oct 2025 14:35		AR\AJ	Ok
17	PB170283BS	PB170283BS	PD090882.D	28 Oct 2025 15:21	RECOVERY FAIL.	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM
SubDirectory	PD102825	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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			

18	PB170239TB	PB170239TB	PD090883.D	28 Oct 2025 15:42		AR\AJ	Ok
19	PB170270BS	PB170270BS	PD090884.D	28 Oct 2025 15:55		AR\AJ	Ok
20	PB170283BS	PB170283BS	PD090885.D	28 Oct 2025 16:16		AR\AJ	Ok,M
21	Q3465-01	SU-03-10242025	PD090886.D	28 Oct 2025 16:30		AR\AJ	Ok
22	PB170287BL	PB170287BL	PD090887.D	28 Oct 2025 16:43		AR\AJ	Ok
23	PB170287BS	PB170287BS	PD090888.D	28 Oct 2025 16:57		AR\AJ	Ok
24	PB170287BSD	PB170287BSD	PD090889.D	28 Oct 2025 17:11		AR\AJ	Ok
25	Q3434-02	PR132-WC2-20251022	PD090890.D	28 Oct 2025 17:24		AR\AJ	Ok,M
26	I.BLK	I.BLK	PD090891.D	28 Oct 2025 17:38		AR\AJ	Ok
27	PSTDCCC050	PSTDCCC050	PD090892.D	28 Oct 2025 17:52		AR\AJ	Ok
28	Q3466-02	B8-0.0-1.0-20251023	PD090893.D	28 Oct 2025 18:46		AR\AJ	Ok,M
29	Q3466-02MS	B8-0.0-1.0-20251023M	PD090894.D	28 Oct 2025 19:00		AR\AJ	Ok,M
30	Q3466-02MSD	B8-0.0-1.0-20251023M	PD090895.D	28 Oct 2025 19:14		AR\AJ	Ok,M
31	Q3466-05	B9-0.0-1.0-20251023	PD090896.D	28 Oct 2025 19:27		AR\AJ	Ok,M
32	Q3466-07	B7-1.0-2.0-20251023	PD090897.D	28 Oct 2025 19:41		AR\AJ	Ok
33	Q3469-01	TP-13	PD090898.D	28 Oct 2025 19:55		AR\AJ	Ok,M
34	Q3472-16	142	PD090899.D	28 Oct 2025 20:08		AR\AJ	Ok,M
35	I.BLK	I.BLK	PD090900.D	28 Oct 2025 20:22		AR\AJ	Ok
36	PEM	PEM	PD090901.D	28 Oct 2025 20:36		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM				
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM				
SubDirectory	PD102825	HP Acquire Method	HP Processing Method		pd101725 8081		
STD. NAME		STD REF.#					
Tune/Reschk		PP24942,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							

37	PSTDCCC050	PSTDCCC050	PD090902.D	28 Oct 2025 21:58		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	PD090958.D	05 Nov 2025 09:07		AR\AJ	Ok
2	I.BLK	I.BLK	PD090959.D	05 Nov 2025 09:20		AR\AJ	Ok
3	PEM	PEM	PD090960.D	05 Nov 2025 09:34		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090961.D	05 Nov 2025 09:47	Comp#4 high in 1st column	AR\AJ	Ok
5	PB170270BL	PB170270BL	PD090962.D	05 Nov 2025 10:12		AR\AJ	Ok
6	PB170371BS	PB170371BS	PD090963.D	05 Nov 2025 10:26	Comp#4 recovery fail	AR\AJ	Not Ok
7	Q3368-06	OUTSIDE-DUMPSTER	PD090964.D	05 Nov 2025 10:39	All surrogate fail	AR\AJ	Not Ok
8	Q3368-06MS	OUTSIDE-DUMPSTER	PD090965.D	05 Nov 2025 10:53		AR\AJ	Ok,M
9	Q3368-06MSD	OUTSIDE-DUMPSTER	PD090966.D	05 Nov 2025 11:07		AR\AJ	Ok,M
10	Q3368-07	PRESS-SLUDGE	PD090967.D	05 Nov 2025 11:20	All surrogate fail	AR\AJ	Not Ok
11	I.BLK	I.BLK	PD090968.D	05 Nov 2025 11:34		AR\AJ	Ok
12	PSTDCCC050	PSTDCCC050	PD090969.D	05 Nov 2025 11:47	Comp#4 high in 1st column	AR\AJ	Ok
13	PB170400BL	PB170400BL	PD090970.D	05 Nov 2025 12:51		AR\AJ	Ok
14	PB170400BS	PB170400BS	PD090971.D	05 Nov 2025 13:04	Comp#4 recovery fail	AR\AJ	Not Ok
15	Q3532-01	TP-1	PD090972.D	05 Nov 2025 13:18		AR\AJ	Ok,M
16	Q3532-01MS	TP-1MS	PD090973.D	05 Nov 2025 13:32		AR\AJ	Ok,M
17	Q3532-01MSD	TP-1MSD	PD090974.D	05 Nov 2025 13:45		AR\AJ	Ok,M
18	Q3532-05	TP-2	PD090975.D	05 Nov 2025 13:59		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3537-01	MW-17-SOIL	PD090976.D	05 Nov 2025 14:13		AR\AJ	Ok,M
20	I.BLK	I.BLK	PD090977.D	05 Nov 2025 14:26		AR\AJ	Ok
21	PSTDCCC050	PSTDCCC050	PD090978.D	05 Nov 2025 16:15		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 : 40718710

Start Prep Date : 10/23/2025 Time : 15:30
End Prep Date : 10/24/2025 Time : 08:35
Combination Ratio : 20
ZHE Cleaning Batch : N/A 70
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *SO*
Supervisor By : *12*

Standardized 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. q3452-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/27/25 10:00	<i>SO</i> / <i>1st room</i>	<i>S/S.</i> <i>AS</i> / <i>15x1-</i>
	Preparation Group	Analysis Group <i>metting</i>

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
PB170239TB	LEB239	20	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3439-04	TP-9	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q3439-08	TP-10	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3440-04	JB-2	03	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3446-01	SB-14	04	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-02	SB-15	05	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3446-03	SB-16	06	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-04	SB-17	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-05	SB-18	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3446-06	SB-19	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-07	SB-20	10	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-08	SB-21	11	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q3447-02	P001-TW1-251023-01	12	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q3447-04	P001-TW2-251023-01	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q3447-06	P001-TW3-251023-01	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3447-08	P001-TW4-251023-01	15	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3449-06	CF-620-COMP-41	16	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3451-04	TP-11	17	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3451-08	TP-12	18	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q3452-04	JB-1	19	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170239TB	LEB239	N/A	N/A	N/A	N/A	N/A	N/A
Q3439-04	TP-9	N/A	N/A	N/A	N/A	100	N/A
Q3439-08	TP-10	N/A	N/A	N/A	N/A	100	N/A
Q3440-04	JB-2	N/A	N/A	N/A	N/A	100	N/A
Q3446-01	SB-14	N/A	N/A	N/A	N/A	100	N/A
Q3446-02	SB-15	N/A	N/A	N/A	N/A	100	N/A
Q3446-03	SB-16	N/A	N/A	N/A	N/A	100	N/A
Q3446-04	SB-17	N/A	N/A	N/A	N/A	100	N/A
Q3446-05	SB-18	N/A	N/A	N/A	N/A	100	N/A
Q3446-06	SB-19	N/A	N/A	N/A	N/A	100	N/A
Q3446-07	SB-20	N/A	N/A	N/A	N/A	100	N/A
Q3446-08	SB-21	N/A	N/A	N/A	N/A	100	N/A
Q3447-02	P001-TW1-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-04	P001-TW2-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-06	P001-TW3-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3447-08	P001-TW4-251023-01	N/A	N/A	N/A	N/A	100	N/A
Q3449-06	CF-620-COMP-41	N/A	N/A	N/A	N/A	100	N/A
Q3451-04	TP-11	N/A	N/A	N/A	N/A	100	N/A
Q3451-08	TP-12	N/A	N/A	N/A	N/A	100	N/A
Q3452-04	JB-1	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
PB170239TB	LEB239	N/A	N/A	N/A	N/A	#1	4.94
Q3439-04	TP-9	5.01	96.5	7.6	2.5	#1	4.94
Q3439-08	TP-10	5.02	96.5	7.0	2.5	#1	4.94
Q3440-04	JB-2	5.03	96.5	7.6	2.5	#1	4.94
Q3446-01	SB-14	5.02	96.5	5.5	1.5	#1	4.94
Q3446-02	SB-15	5.03	96.5	5.6	1.5	#1	4.94
Q3446-03	SB-16	5.02	96.5	5.6	2.0	#1	4.94
Q3446-04	SB-17	5.03	96.5	5.5	1.5	#1	4.94
Q3446-05	SB-18	5.02	96.5	5.6	1.5	#1	4.94
Q3446-06	SB-19	5.01	96.5	5.5	2.0	#1	4.94
Q3446-07	SB-20	5.02	96.5	5.6	1.5	#1	4.94
Q3446-08	SB-21	5.03	96.5	5.5	2.0	#1	4.94
Q3447-02	P001-TW1-251023-01	5.04	96.5	7.6	2.5	#1	4.94
Q3447-04	P001-TW2-251023-01	5.03	96.5	7.4	2.5	#1	4.94
Q3447-06	P001-TW3-251023-01	5.02	96.5	6.0	2.0	#1	4.94
Q3447-08	P001-TW4-251023-01	5.01	96.5	5.5	1.5	#1	4.94
Q3449-06	CF-620-COMP-41	5.02	96.5	6.2	2.0	#1	4.94
Q3451-04	TP-11	5.02	96.5	5.8	1.5	#1	4.94
Q3451-08	TP-12	5.01	96.5	7.6	2.5	#1	4.94
Q3452-04	JB-1	5.02	96.5	8.0	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3452

WorkList ID : 192673

Department : TCLP Extraction

Date : 10-24-2025 10:54:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3439-04	TP-9	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/22/2025	1311
Q3439-08	TP-10	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/23/2025	1311
Q3440-04	JB-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/22/2025	1311
Q3446-01	SB-14	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-02	SB-15	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-03	SB-16	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-04	SB-17	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-05	SB-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-06	SB-19	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-07	SB-20	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3446-08	SB-21	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3447-02	P001-TW1-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-04	P001-TW2-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-06	P001-TW3-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3447-08	P001-TW4-251023-01	Solid	TCLP Extraction	Cool 4 deg C	ROYF02	D41	10/23/2025	1311
Q3449-06	CF-620-COMP-41	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	10/23/2025	1311
Q3451-04	TP-11	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3451-08	TP-12	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/23/2025	1311
Q3452-04	JB-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/24/2025	1311

Date/Time 10/24/25 11:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Q3447-TCLP Pesticide

Date/Time 10/24/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

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

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RJ

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3953 **Hood ID:** 4,6,7

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 10/27/2025

Extraction Start Time : 10:47

Extraction End Date : 10/27/2025

Extraction End Time : 15:15

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
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	E3980
Baked Na2SO4	N/A	EP2652
Hexane	N/A	E3978
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

KD Bath ID: WATER BATH-1 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/27/25	RB (Ext Lab)	Y-P-Pesticide
15:20	Preparation Group	Analysis Group

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

Concentration Date: 10/27/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170239TB	PB170239TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB170270BL	PBLK270	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB170270BS	PLCS270	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
Q3447-02	P001-TW1-251023-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
Q3447-02MS	P001-TW1-251023-01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q3447-02MS D	P001-TW1-251023-01MS D	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q3447-04	P001-TW2-251023-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
Q3447-06	P001-TW3-251023-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
Q3447-08	P001-TW4-251023-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
Q3449-06	CF-620-COMP-41	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10

[Handwritten signature]

RS
10/27

* Extracts relinquished on the same date as received.

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
PB170239TB	LEB239	20	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3439-04	TP-9	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q3439-08	TP-10	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3440-04	JB-2	03	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3446-01	SB-14	04	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-02	SB-15	05	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3446-03	SB-16	06	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-04	SB-17	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-05	SB-18	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3446-06	SB-19	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3446-07	SB-20	10	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3446-08	SB-21	11	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q3447-02	P001-TW1-251023-01	12	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q3447-04	P001-TW2-251023-01	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q3447-06	P001-TW3-251023-01	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3447-08	P001-TW4-251023-01	15	100.04	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3449-06	CF-620-COMP-41	16	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-2
Q3451-04	TP-11	17	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3451-08	TP-12	18	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q3452-04	JB-1	19	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2

10/27/25
70:00

Prep Standard - Chemical Standard Summary

Order ID : Q3447

Test : TCLP Pesticide

Prepbatch ID : PB170270,

Sequence ID/Qc Batch ID: pd102825,pd110525,

Standard ID :

EP2652,PP24651,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,P
P24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,P
P24761,PP24762,PP24763,PP24764,PP24766,PP24942,SP24663,

Chemical ID :

E3875,E3941,E3955,E3956,E3971,E3978,E3980,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13780,P1
3788,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	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/10/2025

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>
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

<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

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>
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

<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>
3663	20 PPM MIREX Stock STD (Secondary source)	PP24741	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 1.00000ml of P13196 + 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>
84	Pest/PCB Surrogate Stock 20 PPM	PP24742	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13788 + 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>
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 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>
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24745	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
07/24/2025								

FROM 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 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>
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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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

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>
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

<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>
758	PEM Mix w/Surr	PP24942	09/24/2025	03/24/2026	Abdul Mirza	None	None	Yogesh Patel
								10/10/2025

FROM 1.00000ml of P13780 + 99.00000ml of E3971 = 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	07/28/2026	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)	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	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-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/13/2026	10/13/2025 / RUPESH	10/08/2025 / Riteshkumar	E3978

CHEMICAL RECEIPT LOG BOOK

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	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

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

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

CHEMICAL RECEIPT LOG BOOK

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	32074 / Pesticide Performance Evaluation Mix w/Surrogate	A0213999	03/24/2026	09/24/2025 / Abdul	11/19/2024 / Ankita	P13780

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	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
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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

Harout Sahagian

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



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



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

E3971

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

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

 **avantorsTM**



Material No.: 9262-03

Batch No.: 25C0362006

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 Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	4
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	0.2 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

E 3978



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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
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	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

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

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

REC. on 10/10/25
RJ

E3980

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



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%

P 13039
 ↓
 P 13043
 1
 5
 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.)

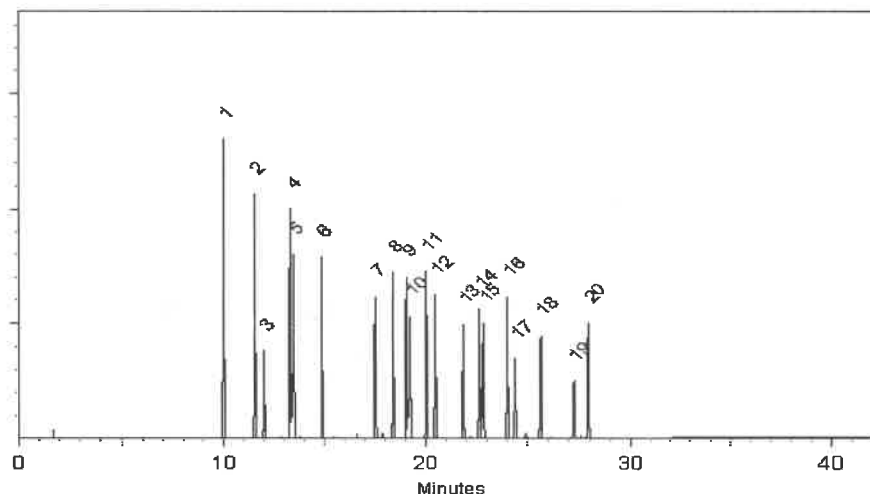
Inj. Temp:
 200°C

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: **79136**
Lot Number: **042022**
Description: **Mirex**

Solvent(s):
Acetone
Lot#: **81025**

		042022
Formulated By:	Prashant Chauhan	DATE
		042022
Reviewed By:	Pedro L. Rentas	DATE

Expiration Date: **042027**
Recommended Storage: **Refrigerate (4 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **6UTB**

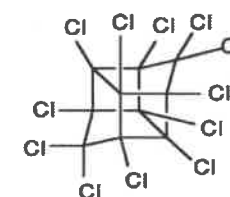
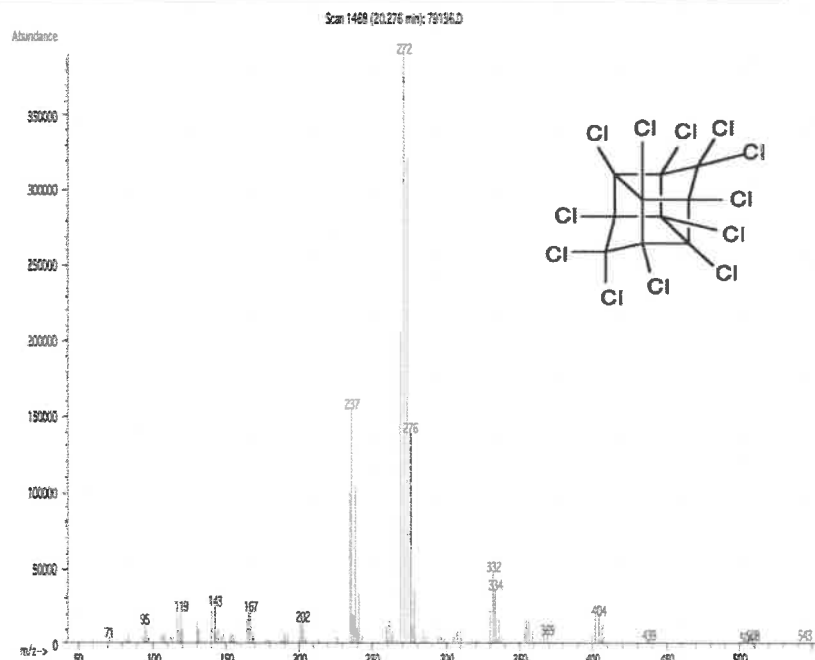
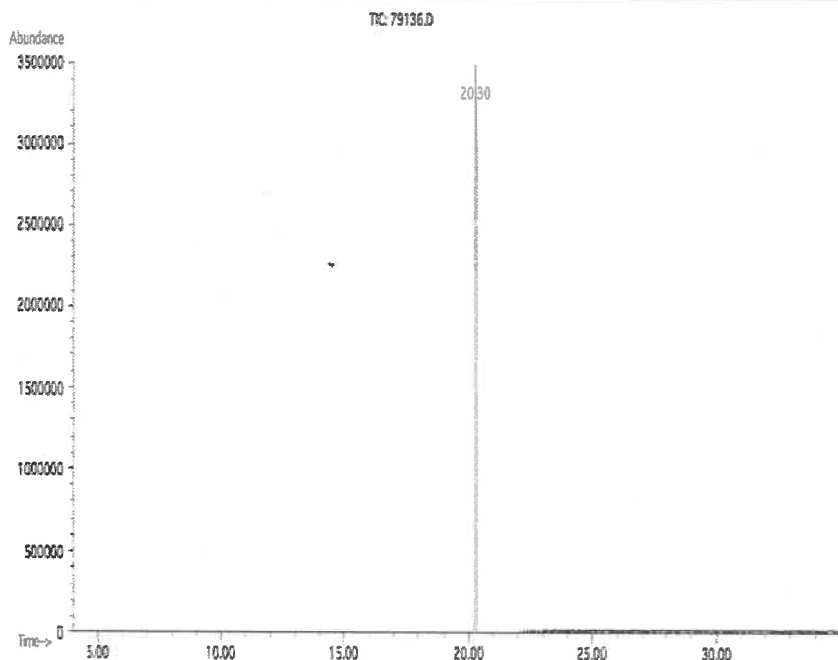
5E-05 Balance Uncertainty
0.006 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): **50.0**

SDS Information
(Solvent Safety Info. On Attached pg.)
Expanded Uncertainty (+/-) (µg/mL)
CAS# OSHA PEL (TWA) LD50

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. Mirex	437	9492400	1000	99.4	0.5	0.05034	0.05040	1001.1	10.3	2385-85-5	N/A	ori-rat 306mg/kg

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.



P13195
↓
P13199
↓
(5)
↓
W. H. H. H.
01/17/2024

- 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 (+/-) 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).

01/17/2024
HMF
D 13/199
D 13/199
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
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:

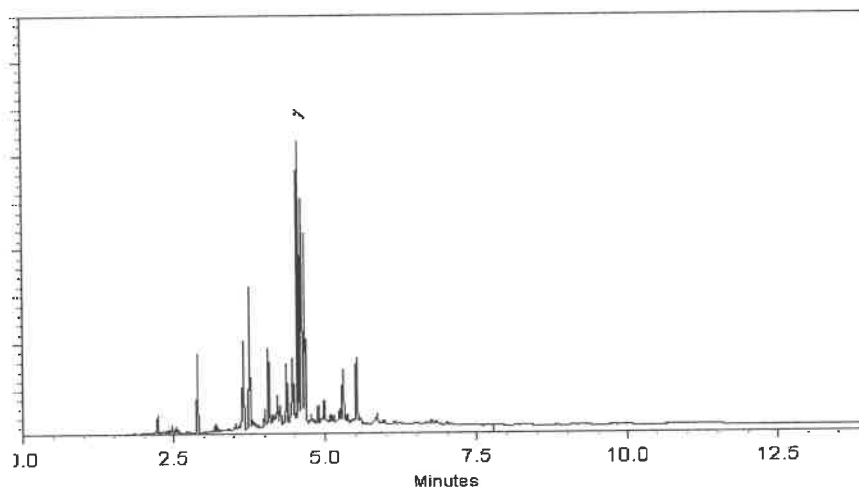
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl

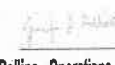


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

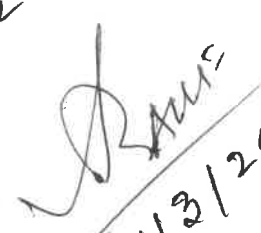
Date Mixed: 11-May-2023

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

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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:

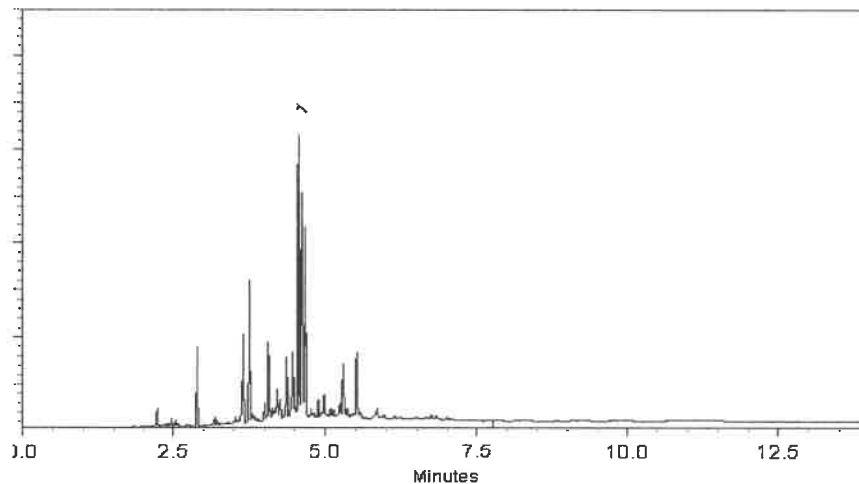
ECD

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

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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.)

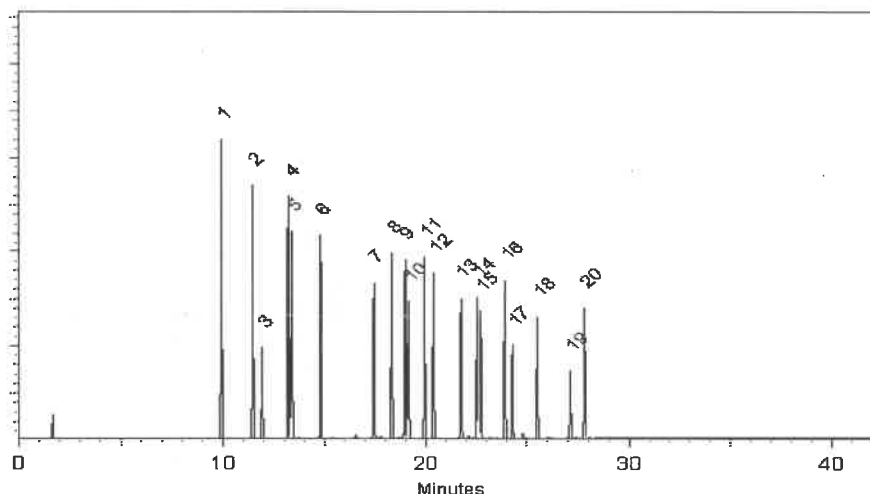
Inj. Temp:
200°C

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
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: **19161**
 Lot Number: **013124**
 Description: **CLP Pesticides & PCB's Resolution Check Standard**
 9 components
 Expiration Date: **013129**
 Recommended Storage: **Refrigerate (4 °C)**
 Nominal Concentration (µg/mL): **Varied**
 NIST Test ID#: **6UTB**
 Volume(s) shown below were combined and diluted to (mL): **100.0**

Solvent(s):
 Hexane
 Toluene

Lot#
 273615 (50%)
 28508 (50%)

5E-05 Balance Uncertainty
 0.021 Flask Uncertainty

		013124
Formulated By:	Lawrence Barry	DATE
		013124
Reviewed By:	Pedro L. Rentas	DATE

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(ug/mL)	Final Conc.(ug/mL)	Expanded Uncertainty (+/-) µg/mL	SDS Information (Solvent Safety Info. On Attached pg.)		
									CAS#	OSHA PEL (TWA)	LD50
1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	ori-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)	ori-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	ori-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)	ori-rat 38300ug/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	ori-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	ori-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 } (5)
 ↓
 P13247 }
 ↓
 1

• 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 (+/-) 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).

02/9/2024



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

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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
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

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%

P13773
↓
P13779
AJ
11/19/24

05-06-2024

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:

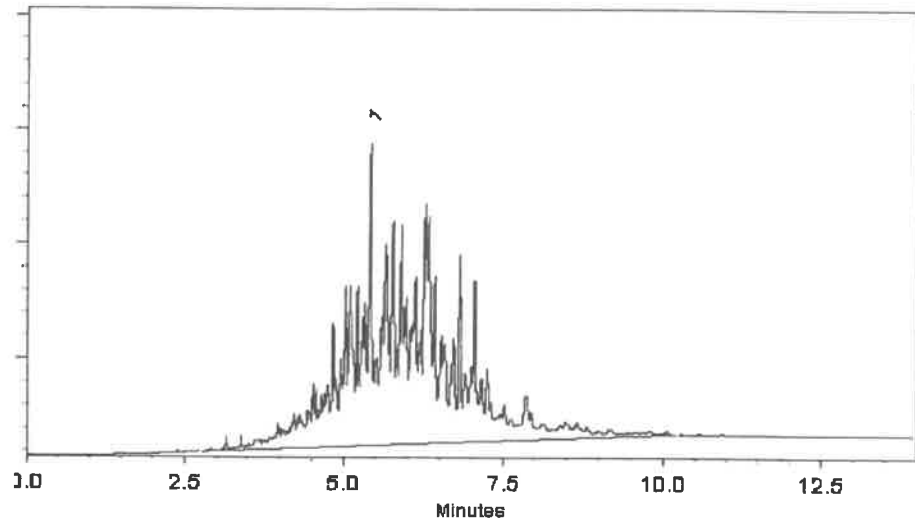
ECD

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.


Dakota Parson - Operations Technician I

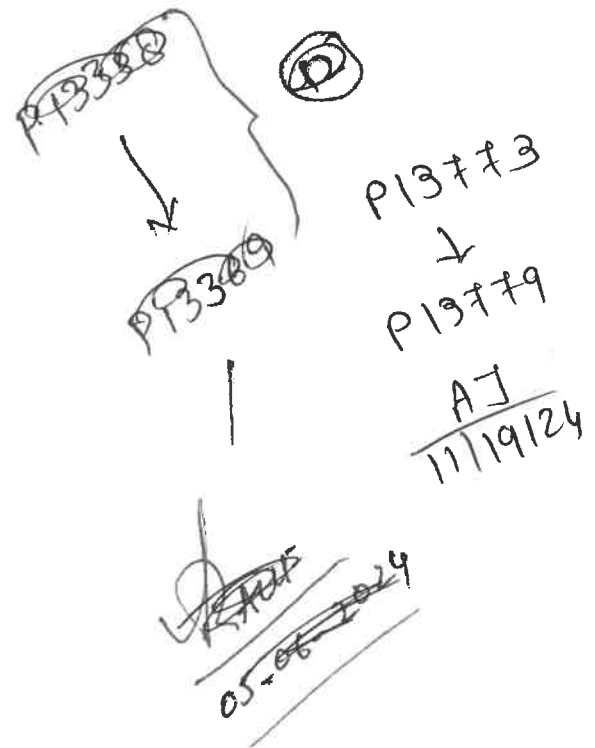
Date Mixed: 10-Oct-2023

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 #FM 80397


Handwritten notes and signatures are present at the bottom of the page. On the left, there is a bracketed list of two items: 'P13388' and 'P13389', with an arrow pointing from the first to the second. To the right of this, there is a circled 'D'. Further right, there is a handwritten note: 'P13773', followed by an arrow pointing down to 'P13779', which is then followed by 'AJ' and the date '11/19/24'. At the bottom right, there is a signature and the date '05-06-2024'.



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Fax: 1-814-353-1309

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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. : 32074 **Lot No.:** A0213999

Description : Pesticide Performance Eval Mix w/Surrogate

Performance Evaluation Std. 3/90 SOW w/surrogates 1-25µg/mL, Hexane, 1mL/ampul

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

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

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

P13780
↓
P13784
AJ
11/19/20

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%	2.0 µg/mL	+/- 0.1506
2	alpha-BHC	319-84-6	15279000	99%	1.0 µg/mL	+/- 0.0749
3	gamma-BHC (Lindane)	58-89-9	14931300	97%	1.0 µg/mL	+/- 0.0756
4	beta-BHC	319-85-7	BCCC6425	99%	1.0 µg/mL	+/- 0.0749
5	Endrin	72-20-8	15076100	98%	5.0 µg/mL	+/- 0.3769
6	4,4'-DDT	50-29-3	231103JLM	97%	10.0 µg/mL	+/- 0.7512
7	Methoxychlor	72-43-5	14979500	98%	24.8 µg/mL	+/- 1.8543
8	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	2.0 µg/mL	+/- 0.1513

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

Solvent: Hexane
CAS # 110-54-3
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 .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:

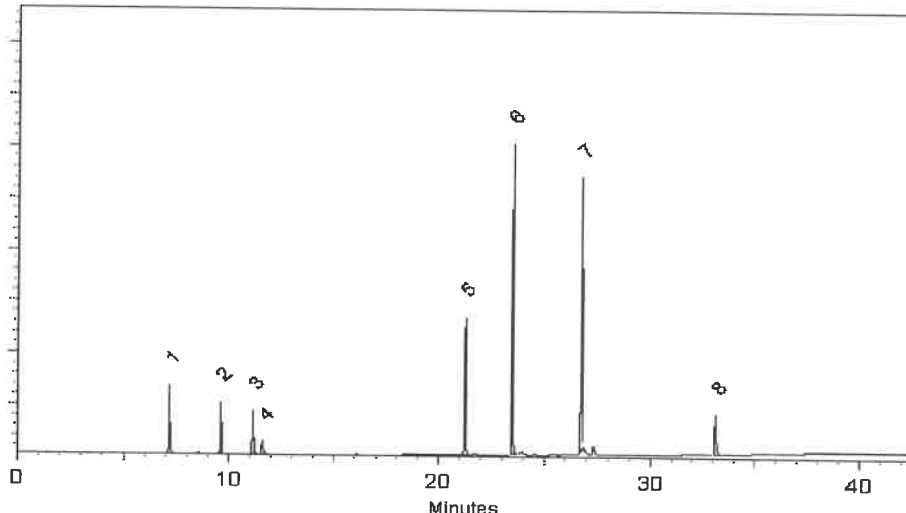
ECD

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.

Malina Homan
Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024

Balance Serial # 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Jul-2024

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



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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
↓
P19789 AJ
11/19/24

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:

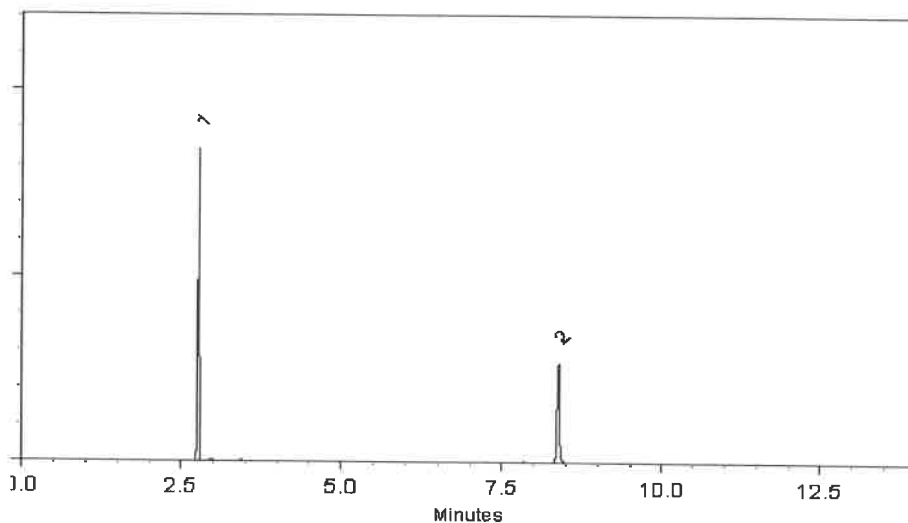
ECD

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.E.
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



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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:

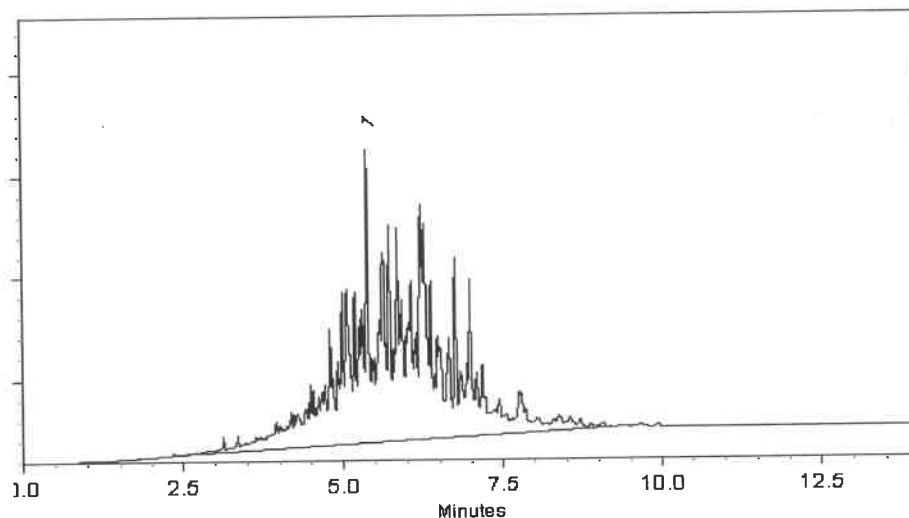
ECD

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

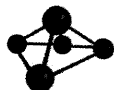

Christie Mills - Operations Lead Tech - ARM QC

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): **200.0**

Solvent(s): **Methylene chloride**
Lot#: **102669**

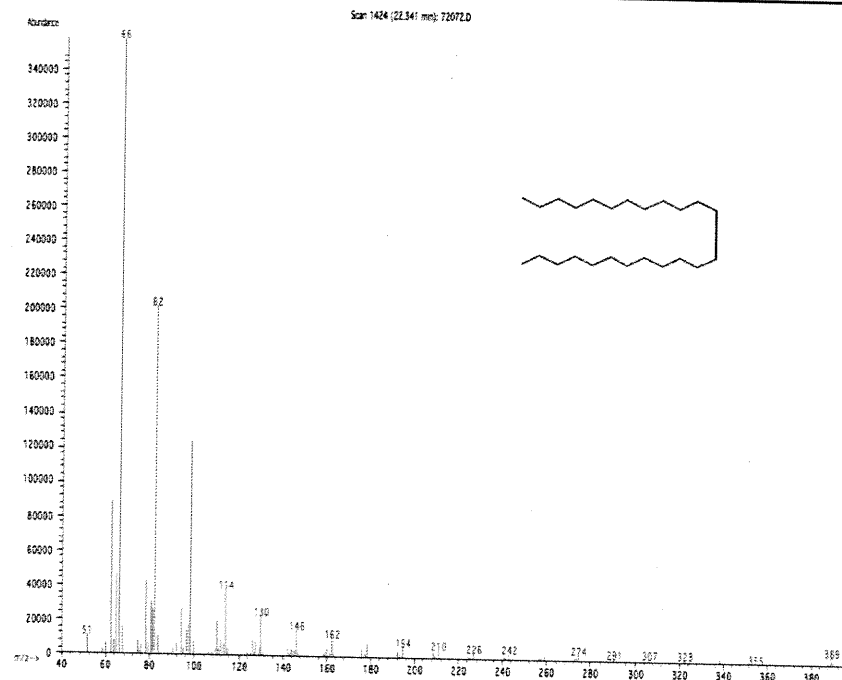
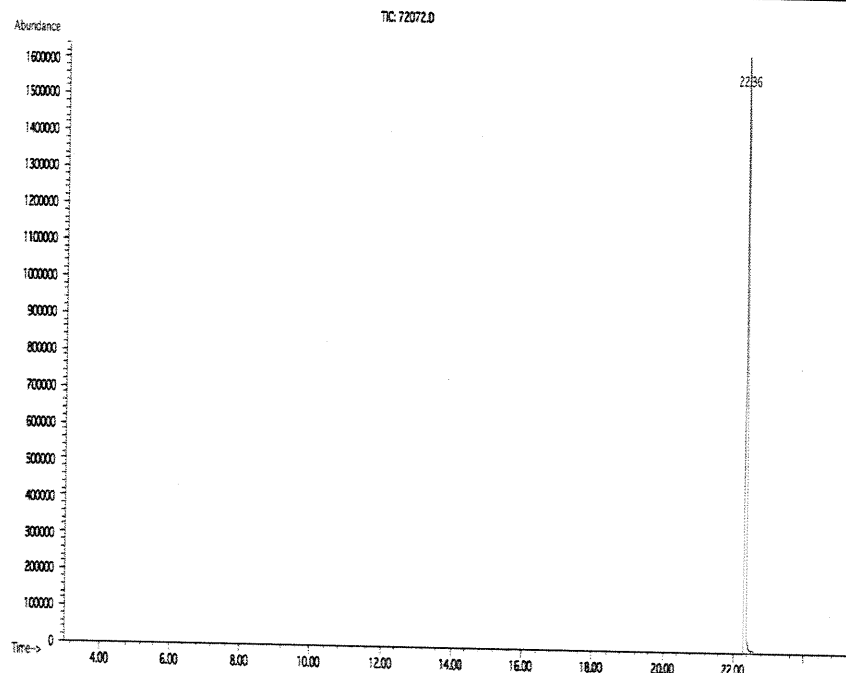
Received by
SG on 11/1/19
P9044 - P9053

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

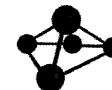
		112018
Formulated By:	Prashant Chauhan	DATE
		112018
Reviewed By:	Pedro Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
										CAS#	OSHA PEL (TWA)	LD50
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	16416-32-3	N/A	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.



- 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 (+/-) 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).



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

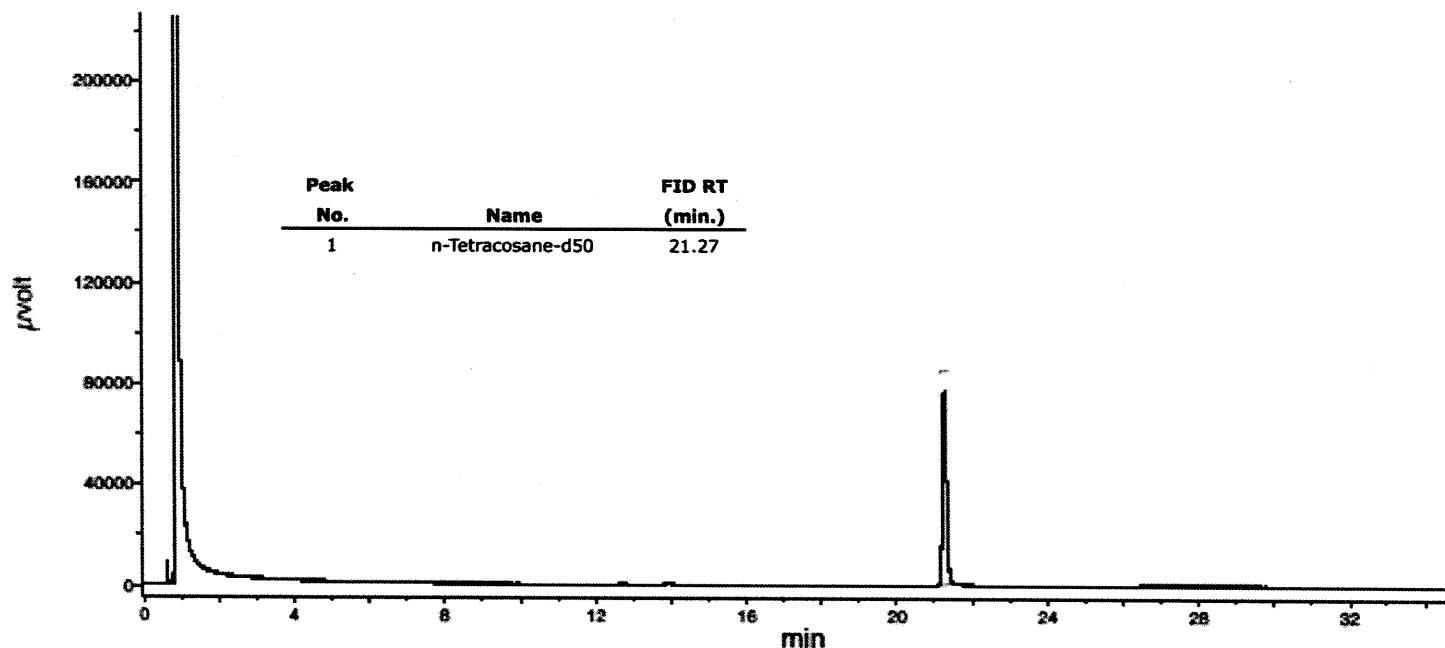
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

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 = eDag Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3





SHIPPING DOCUMENTS

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Q3447

USEPA

CHAIN OF CUSTODY RECORD

No: 2-102325-0004-0037-1

DateShipped: 10/23/2025

Site #: 02FP

RFP #906

CarrierName: Hand Deliver

Contact Name Josh Frizzell

Lab: Alliance Technical Group, LLC - Non
CLP

AirbillNo: N/A

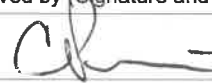
(470) 277-4600

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW1-251023-01	Waste		A	TAL VOCs		10/23/2025	10:00	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW1-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		C	TAL PCBs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		F	TCLP VOC		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:00	1	8 oz glass	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 906. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuznetsova	10/23/25 1330		10/23/25 1330	IF-Gen #1 2.1-c

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW2-251023-01	Waste		A	TAL VOCs		10/23/2025	10:30	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW2-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		C	TAL PCBs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		F	TCLP VOC		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:30	1	8 oz glass	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS.** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuznitskaya	10/23/25 13:30	CF	10/23/25 13:30	If Con #1 2.1

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

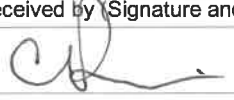
Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW3-251023-01	Waste		A	TAL VOCs		10/23/2025	11:00	1	4 oz glass w/septum	4 C	N
	P001-TW3-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		C	TAL PCBs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		F	TCLP VOC		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		A	TAL VOCs		10/23/2025	11:30	1	4 oz glass w/septum	4 C	N

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Oleg Ruzmitskanz	10/23/25 1330		10/23/25 1330	21 Cont 1 2.1 -1

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW4-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		C	TAL PCBs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		F	TCLP VOC		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:30	1	8 oz glass	4 C	N
JGF 10-23-2025												

Special Instructions: **POSSIBLE HIGH CONCENTRATIONS.** Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyzed	John Kuzmits Kane	10/23/25 1330	CLP	10/23/25 1330	IF Cont # 12.1

Precautionary Measures Against Hidden Hazards in Laboratory Samples

Notice to Laboratory Personnel

Background

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, as amended, Section 311 of the Clean Water Act (CWA), as amended, by the Oil Pollution Act of 1990, Subtitle I of the Resource Conservation and Recovery Act (RCRA), an pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Presidential Decision Document (PDD) #39, the Environmental Protection Agency (EPA) has been delegated the responsibility to undertake response actions with respect to, as a general matter, the release or threat of release of oil, petroleum products, hazardous substances, or pollutants and contaminants, that pose an actual or potential threat to human health or welfare, or to the environment. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to the public health or the environment on the National Priorities List (NPL).

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Superfund Technical Assessment & Response Team (START) for EPA. The WESTON START Contract 68HE0319D0004, provides this support to EPA Region II.

Hazardous Communication

The Samples which accompany this notice were shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON START and tentatively designated by the field response team, as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soil locations that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a radiation survey meter are considered *Radioactive Samples*.

The samples which accompany this notice were tentatively classified by the field response team as:

☐ Environmental ☒ Hazardous ☐ Comb (Envir. & Haz) ☐ Radioactive

The field team which collected the samples used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

☐ Level A ☐ Level B ☐ Level C ☒ Level D

This information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The Sample classification(s) and Levels of personal protection used by the WESTON START are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgement.

Laboratory Name: Alliance RFP No. 905

Prepared by: Josh Frizzell Date 10-23-2025

WESTON Office: Region II START, Edison, New Jersey, Phone: 732-585-4400

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3447	ROYF02	Order Date : 10/23/2025 1:50:00 PM	Project Mgr :
Client Name : Weston Solutions, Inc.		Project Name : RFP 905	Report Type : Level 4
Client Contact : Smita Sumbaly		Receive DateTime : 10/23/2025 1:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Weston Solutions, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Smita Sumbaly			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3447-01	P001-TW1-251023-01	Solid	10/23/2025	10:00	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-03	P001-TW2-251023-01	Solid	10/23/2025	10:30 ~~10:00~~	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-05	P001-TW3-251023-01	Solid	10/23/2025	11:00 ~~10:00~~	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3447-07	P001-TW4-251023-01	Solid	10/23/2025	11:30 ~~10:00~~	VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time : 10/23/25 1437

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room