

Cover Page

Order ID : Q3483

Project ID : NJ Soil PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number

Q3483-01
Q3483-02
Q3483-03
Q3483-04
Q3483-05
Q3483-06
Q3483-07
Q3483-08
Q3483-09
Q3483-10
Q3483-11
Q3483-12
Q3483-13
Q3483-14
Q3483-15
Q3483-16
Q3483-17
Q3483-18
Q3483-19
Q3483-20
Q3483-21
Q3483-22
Q3483-23
Q3483-24
Q3483-25

Client Sample Number

HW1025-PT-AN-SOIL
HW1025-PT-CORR-SOIL
HW1025-PT-CN-SOIL
HW1025-PT-CN-SOIL
HW1025-PT-FP-SOIL
HW1025-PT-CR6-SOIL
HW1025-PT-NUT-SOIL
HW1025-PT-NUT-SOIL
HW1025-PT-OGR-SOIL
HW1025-PT-MET-SOIL
HW1025-PT-BNA-SOIL
HW1025-PT-TRIAZINE-SOIL
HW1025-PT-PAH-SOIL
HW1025-PT-DIES-SOIL
HW1025-PT-GAS-SOIL
HW1025-PT-NJEPH-SOIL
HW1025-PT-HERB-SOIL
HW1025-PT-PCB-SOIL
HW1025-PT-PCBO-SOIL
HW1025-PT-PEST-SOIL
HW1025-PT-CHLOR-SOIL
HW1025-PT-TXP-SOIL
HW1025-PT-VOA-SOIL
HW1025-PT-SOL-SOIL
HW1025-PT-NO2-SOIL

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

Signature : _____

Date: 11/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3483

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: 11/28/2025

LAB CHRONICLE

OrderID:	Q3483	OrderDate:	10/29/2025 2:32:00 PM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Soil PT
Contact:	Mohammad Ahmed	Location:	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3483-15	HW1025-PT-GAS-SOIL	SOIL			10/27/25			10/29/25
	L		Gasoline Range Organics	8015D			11/04/25	
Q3483-20	HW1025-PT-PEST-SOIL	SOIL			10/27/25			10/29/25
	L		PESTICIDE Group1	8081B		11/19/25	11/19/25	
Q3483-20DL	HW1025-PT-PEST-SOIL	SOIL			10/27/25			10/29/25
	LDL		PESTICIDE Group1	8081B		11/19/25	11/19/25	
Q3483-21	HW1025-PT-CHLOR-S	SOIL			10/27/25			10/29/25
	OIL		PESTICIDE Group2	8081B		11/19/25	11/20/25	

Hit Summary Sheet
SW-846

SDG No.: Q3483

Order ID: Q3483

Client: Alliance Technical Group, LLC - Newark

Project ID: NJ Soil PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : HW1025-PT-PEST-SOIL								
Q3483-20	HW1025-PT-PEST-SC SOIL		alpha-BHC	154	E	0.13	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		beta-BHC	43.3	E	0.18	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		delta-BHC	233	EP	0.39	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		gamma-BHC (Lindane)	286	EP	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Heptachlor	131	EP	0.12	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Aldrin	292	EP	0.12	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Heptachlor epoxide	62.2	E	0.19	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endosulfan I	36.6	E	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Dieldrin	109	E	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		4,4-DDE	198	E	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endrin	152	EP	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endosulfan II	72.2	E	0.29	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		4,4-DDD	291	EP	0.15	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endosulfan Sulfate	190	EP	0.13	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		4,4-DDT	115	E	0.14	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Methoxychlor	47.9	E	0.37	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endrin ketone	245	EP	0.19	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		Endrin aldehyde	149	E	0.37	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		alpha-Chlordane	169	E	0.12	1.70	ug/kg
Q3483-20	HW1025-PT-PEST-SC SOIL		gamma-Chlordane	297	EP	0.15	1.70	ug/kg

Total Concentration: 3,273.200

Client ID : HW1025-PT-PEST-SOILDL

Q3483-20DL	HW1025-PT-PEST-SC SOIL		alpha-BHC	132	D	1.30	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		beta-BHC	49.6	D	1.80	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		delta-BHC	186	D	3.90	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		gamma-BHC (Lindane)	233	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Heptachlor	122	D	1.20	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Aldrin	253	D	1.20	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Heptachlor epoxide	62.3	D	1.90	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endosulfan I	37.0	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Dieldrin	93.0	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		4,4-DDE	158	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endrin	121	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endosulfan II	65.6	D	2.90	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		4,4-DDD	231	D	1.50	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endosulfan Sulfate	164	D	1.30	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		4,4-DDT	87.4	D	1.40	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Methoxychlor	45.2	D	3.70	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endrin ketone	210	D	1.90	17.0	ug/kg

Hit Summary Sheet
SW-846

SDG No.: Q3483

Order ID: Q3483

Client: Alliance Technical Group, LLC - Newark

Project ID: NJ Soil PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3483-20DL	HW1025-PT-PEST-SC SOIL		Endrin aldehyde	137	D	3.70	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		alpha-Chlordane	152	D	1.20	17.0	ug/kg
Q3483-20DL	HW1025-PT-PEST-SC SOIL		gamma-Chlordane	236	D	1.50	17.0	ug/kg
Total Concentration:				2,775.100				



QC SUMMARY

Surrogate Summary

SDG No.: **Q3483**

Client: **Alliance Technical Group, LLC - Newark**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD091193.D	PIBLK-PD091193.D	Decachlorobiphen	1	20	20.8	104		31	149
		Tetrachloro-m-xyl	1	20	19.5	98		41	134
		Decachlorobiphen	2	20	20.1	100		31	149
		Tetrachloro-m-xyl	2	20	20.0	100		41	134
I.BLK-PD091264.D	PIBLK-PD091264.D	Decachlorobiphen	1	20	22.3	111		31	149
		Tetrachloro-m-xyl	1	20	21.8	109		41	134
		Decachlorobiphen	2	20	24.5	123		31	149
		Tetrachloro-m-xyl	2	20	23.6	118		41	134
PB170628BL	PB170628BL	Decachlorobiphen	1	20	17.8	89		10	143
		Tetrachloro-m-xyl	1	20	17.2	86		10	131
		Decachlorobiphen	2	20	19.3	97		10	143
		Tetrachloro-m-xyl	2	20	18.4	92		10	131
Q3483-20	HW1025-PT-PEST-SOIL	Decachlorobiphen	1	20	24.1	121		10	143
		Tetrachloro-m-xyl	1	20	20.0	100		10	131
		Decachlorobiphen	2	20	23.3	116		10	143
		Tetrachloro-m-xyl	2	20	21.3	106		10	131
Q3483-20DL	HW1025-PT-PEST-SOILDL	Decachlorobiphen	1	20	26.4	132		10	143
		Tetrachloro-m-xyl	1	20	23.7	119		10	131
		Decachlorobiphen	2	20	17.4	87		10	143
		Tetrachloro-m-xyl	2	20	28.8	144	*	10	131
I.BLK-PD091275.D	PIBLK-PD091275.D	Decachlorobiphen	1	20	16.0	80		31	149
		Tetrachloro-m-xyl	1	20	16.5	83		41	134
		Decachlorobiphen	2	20	13.9	69		31	149
		Tetrachloro-m-xyl	2	20	18.1	90		41	134
Q3662-02MS	B3-0.0-1.0-20251117MS	Decachlorobiphen	1	20	11.0	55		10	143
		Tetrachloro-m-xyl	1	20	14.4	72		10	131
		Decachlorobiphen	2	20	9.10	46		10	143
		Tetrachloro-m-xyl	2	20	14.7	74		10	131
Q3662-02MSD	B3-0.0-1.0-20251117MSD	Decachlorobiphen	1	20	10.7	53		10	143
		Tetrachloro-m-xyl	1	20	14.1	70		10	131
		Decachlorobiphen	2	20	9.75	49		10	143
		Tetrachloro-m-xyl	2	20	15.3	77		10	131
I.BLK-PD091285.D	PIBLK-PD091285.D	Decachlorobiphen	1	20	16.4	82		31	149
		Tetrachloro-m-xyl	1	20	16.6	83		41	134
		Decachlorobiphen	2	20	15.2	76		31	149
		Tetrachloro-m-xyl	2	20	17.5	88		41	134
I.BLK-PD091401.D	PIBLK-PD091401.D	Decachlorobiphen	1	20	19.2	96		31	149
		Tetrachloro-m-xyl	1	20	20.6	103		41	134
		Decachlorobiphen	2	20	19.5	97		31	149
		Tetrachloro-m-xyl	2	20	23.0	115		41	134
PB170628BS	PB170628BS	Decachlorobiphen	1	20	18.4	92		10	143

Surrogate Summary

SDG No.: Q3483

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB170628BS	PB170628BS	Tetrachloro-m-xyl	1	20	18.1	91		10	131
		Decachlorobiphen	2	20	19.1	95		10	143
		Tetrachloro-m-xyl	2	20	20.2	101		10	131
I.BLK-PD091413.D	PIBLK-PD091413.D	Decachlorobiphen	1	20	19.0	95		31	149
		Tetrachloro-m-xyl	1	20	20.6	103		41	134
		Decachlorobiphen	2	20	16.3	81		31	149
		Tetrachloro-m-xyl	2	20	21.4	107		41	134

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q3483	Analytical Method:	8081B
Client:	Alliance Technical Group, LLC - Newark	DataFile :	PD091279.D

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
			Result								High	RPD
Lab Sample ID:	Q3662-02MS (Column 1)	Client Sample ID:		B3-0.0-1.0-20251117MS								
	alpha-BHC	19.64	0	16.3	ug/kg	83				60	144	
	beta-BHC	19.64	0	17.2	ug/kg	88				54	143	
	delta-BHC	19.64	0	14.0	ug/kg	71				47	129	
	gamma-BHC (Lindane)	19.64	0	15.7	ug/kg	80				39	136	
	Heptachlor	19.64	0	9.20	ug/kg	47				33	148	
	Aldrin	19.64	0	17.4	ug/kg	89				38	139	
	Heptachlor epoxide	19.64	0	17.1	ug/kg	87				23	155	
	Endosulfan I	19.64	0	15.2	ug/kg	77				30	142	
	Dieldrin	19.64	0	16.7	ug/kg	85				32	140	
	4,4'-DDE	19.64	0.26	17.5	ug/kg	90				20	156	
	Endrin	19.64	0	17.4	ug/kg	89				57	139	
	Endosulfan II	19.64	0	15.0	ug/kg	76				41	125	
	4,4'-DDD	19.64	0	14.4	ug/kg	73				47	163	
	Endosulfan sulfate	19.64	0	11.8	ug/kg	60				43	125	
	4,4'-DDT	19.64	0.21	8.40	ug/kg	42				25	149	
	Methoxychlor	19.64	0	8.20	ug/kg	42				32	132	
	Endrin ketone	19.64	0	9.40	ug/kg	48				27	142	
	Endrin aldehyde	19.64	0	6.40	ug/kg	33				19	148	
	alpha-Chlordane	19.64	0	18.0	ug/kg	92				26	147	
	gamma-Chlordane	19.64	0	17.9	ug/kg	91				30	142	
	Mirex	19.64	0	15.8	ug/kg	80				30	150	
Lab Sample ID:	Q3662-02MS (Column 2)	Client Sample ID:		B3-0.0-1.0-20251117MS								
	alpha-BHC	19.64	0	16.7	ug/kg	85				60	144	
	beta-BHC	19.64	0	17.7	ug/kg	90				54	143	
	delta-BHC	19.64	0	14.0	ug/kg	71				47	129	
	gamma-BHC (Lindane)	19.64	0	15.8	ug/kg	80				39	136	
	Heptachlor	19.64	0	9.80	ug/kg	50				33	148	
	Aldrin	19.64	0	17.9	ug/kg	91				38	139	
	Heptachlor epoxide	19.64	0	17.4	ug/kg	89				23	155	
	Endosulfan I	19.64	0	14.7	ug/kg	75				30	142	
	Dieldrin	19.64	0	17.8	ug/kg	91				32	140	
	4,4'-DDE	19.64	0.36	18.1	ug/kg	92				20	156	
	Endrin	19.64	0	16.2	ug/kg	82				57	139	
	Endosulfan II	19.64	0	15.2	ug/kg	77				41	125	
	4,4'-DDD	19.64	0	12.9	ug/kg	66				47	163	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3483</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Alliance Technical Group, LLC - Newark</u>	DataFile :	<u>PD091279.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
Endosulfan sulfate	19.64	0	11.3	ug/kg	58				43	125	
4,4'-DDT	19.64	0.79	9.10	ug/kg	46				25	149	
Methoxychlor	19.64	0	7.80	ug/kg	40				32	132	
Endrin ketone	19.64	0	8.80	ug/kg	45				27	142	
Endrin aldehyde	19.64	0	6.30	ug/kg	32				19	148	
alpha-Chlordane	19.64	0	18.1	ug/kg	92				26	147	
gamma-Chlordane	19.64	0	20.5	ug/kg	104				30	142	
Mirex	19.64	0	14.7	ug/kg	75				30	150	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3483</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Alliance Technical Group, LLC - Newark</u>	DataFile :	<u>PD091280.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result				Qual		Qual	Low	High	RPD
Lab Sample ID:	Q3662-02MSD	Client Sample ID:		B3-0.0-1.0-20251117MSD								
	(Column 1)											
	alpha-BHC	19.63	0	17.6	ug/kg	90		8		60	144	15
	beta-BHC	19.63	0	17.2	ug/kg	88		0		54	143	15
	delta-BHC	19.63	0	16.7	ug/kg	85		18		47	129	20
	gamma-BHC (Lindane)	19.63	0	17.2	ug/kg	88		10		39	136	30
	Heptachlor	19.63	0	10.3	ug/kg	52		10		33	148	20
	Aldrin	19.63	0	17.5	ug/kg	89		0		38	139	30
	Heptachlor epoxide	19.63	0	16.9	ug/kg	86		1		23	155	16
	Endosulfan I	19.63	0	16.4	ug/kg	84		9		30	142	15
	Dieldrin	19.63	0	16.9	ug/kg	86		1		32	140	20
	4,4'-DDE	19.63	0.26	17.1	ug/kg	89		1		20	156	16
	Endrin	19.63	0	17.7	ug/kg	90		1		57	139	16
	Endosulfan II	19.63	0	16.2	ug/kg	83		9		41	125	15
	4,4'-DDD	19.63	0	15.5	ug/kg	79		8		47	163	20
	Endosulfan sulfate	19.63	0	14.2	ug/kg	72		18	*	43	125	15
	4,4'-DDT	19.63	0.21	11.6	ug/kg	55		27	*	25	149	15
	Methoxychlor	19.63	0	10.2	ug/kg	52		21	*	32	132	20
	Endrin ketone	19.63	0	13.4	ug/kg	68		34	*	27	142	15
	Endrin aldehyde	19.63	0	10.0	ug/kg	51		43	*	19	148	15
	alpha-Chlordane	19.63	0	17.6	ug/kg	90		2		26	147	20
	gamma-Chlordane	19.63	0	17.5	ug/kg	89		2		30	142	15
	Mirex	19.63	0	15.5	ug/kg	79		1		30	150	20
Lab Sample ID:	Q3662-02MSD	Client Sample ID:		B3-0.0-1.0-20251117MSD								
	(Column 2)											
	alpha-BHC	19.63	0	17.9	ug/kg	91		7		60	144	15
	beta-BHC	19.63	0	18.0	ug/kg	92		2		54	143	15
	delta-BHC	19.63	0	16.7	ug/kg	85		18		47	129	20
	gamma-BHC (Lindane)	19.63	0	17.3	ug/kg	88		10		39	136	30
	Heptachlor	19.63	0	11.0	ug/kg	56		11		33	148	20
	Aldrin	19.63	0	18.0	ug/kg	92		1		38	139	30
	Heptachlor epoxide	19.63	0	17.6	ug/kg	90		1		23	155	16
	Endosulfan I	19.63	0	15.9	ug/kg	81		8		30	142	15
	Dieldrin	19.63	0	17.7	ug/kg	90		1		32	140	20
	4,4'-DDE	19.63	0.36	17.8	ug/kg	91		1		20	156	16
	Endrin	19.63	0	16.7	ug/kg	85		4		57	139	16
	Endosulfan II	19.63	0	16.3	ug/kg	83		8		41	125	15
	4,4'-DDD	19.63	0	14.0	ug/kg	71		7		47	163	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3483</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Alliance Technical Group, LLC - Newark</u>	DataFile :	<u>PD091280.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
Endosulfan sulfate	19.63	0	13.6	ug/kg	69		17	*	43	125	15
4,4'-DDT	19.63	0.79	11.5	ug/kg	59		25	*	25	149	15
Methoxychlor	19.63	0	9.50	ug/kg	48		18	*	32	132	20
Endrin ketone	19.63	0	11.8	ug/kg	60		29	*	27	142	15
Endrin aldehyde	19.63	0	9.90	ug/kg	50		44	*	19	148	15
alpha-Chlordane	19.63	0	18.1	ug/kg	92		0		26	147	20
gamma-Chlordane	19.63	0	20.2	ug/kg	103		1		30	142	15
Mirex	19.63	0	14.4	ug/kg	73		3		30	150	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3483	Analytical Method:	8081B
Client:	Alliance Technical Group, LLC - Newark	Datafile :	PD091404.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170628BS (Column 1)	alpha-BHC	16.66	15.7	ug/kg	94				84	123	
	beta-BHC	16.66	15.2	ug/kg	91				82	123	
	delta-BHC	16.66	15.5	ug/kg	93				83	126	
	gamma-BHC (Lindane)	16.66	15.7	ug/kg	94				83	125	
	Heptachlor	16.66	15.1	ug/kg	91				83	122	
	Aldrin	16.66	15.5	ug/kg	93				82	124	
	Heptachlor epoxide	16.66	15.5	ug/kg	93				83	120	
	Endosulfan I	16.66	15.6	ug/kg	94				81	124	
	Dieldrin	16.66	15.8	ug/kg	95				85	121	
	4,4'-DDE	16.66	15.8	ug/kg	95				81	123	
	Endrin	16.66	14.1	ug/kg	85				76	130	
	Endosulfan II	16.66	15.4	ug/kg	92				80	125	
	4,4'-DDD	16.66	15.2	ug/kg	91				80	131	
	Endosulfan sulfate	16.66	15.2	ug/kg	91				81	122	
	4,4'-DDT	16.66	14.6	ug/kg	88				70	129	
	Methoxychlor	16.66	13.2	ug/kg	79				60	119	
	Endrin ketone	16.66	15.9	ug/kg	95				77	132	
	Endrin aldehyde	16.66	15.5	ug/kg	93				79	124	
	alpha-Chlordane	16.66	14.8	ug/kg	89				84	120	
	gamma-Chlordane	16.66	15.9	ug/kg	95				83	122	
	Mirex	16.66	14.4	ug/kg	86				70	130	
PB170628BS (Column 2)	alpha-BHC	16.66	16.5	ug/kg	99				84	123	
	beta-BHC	16.66	16.2	ug/kg	97				82	123	
	delta-BHC	16.66	16.0	ug/kg	96				83	126	
	gamma-BHC (Lindane)	16.66	16.4	ug/kg	98				83	125	
	Heptachlor	16.66	15.1	ug/kg	91				83	122	
	Aldrin	16.66	16.6	ug/kg	100				82	124	
	Heptachlor epoxide	16.66	16.5	ug/kg	99				83	120	
	Endosulfan I	16.66	16.6	ug/kg	100				81	124	
	Dieldrin	16.66	16.3	ug/kg	98				85	121	
	4,4'-DDE	16.66	16.4	ug/kg	98				81	123	
	Endrin	16.66	14.4	ug/kg	86				76	130	
	Endosulfan II	16.66	16.4	ug/kg	98				80	125	
	4,4'-DDD	16.66	15.6	ug/kg	94				80	131	
	Endosulfan sulfate	16.66	16.2	ug/kg	97				81	122	
	4,4'-DDT	16.66	15.7	ug/kg	94				70	129	
	Methoxychlor	16.66	13.3	ug/kg	80				60	119	
	Endrin ketone	16.66	16.5	ug/kg	99				77	132	
	Endrin aldehyde	16.66	16.5	ug/kg	99				79	124	
	alpha-Chlordane	16.66	16.6	ug/kg	100				84	120	
	gamma-Chlordane	16.66	16.8	ug/kg	101				83	122	
	Mirex	16.66	15.2	ug/kg	91				70	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170628BL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: PB170628BL

Lab File ID: PD091270.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/19/2025

Date Analyzed (1): 11/19/2025

Date Analyzed (2): 11/19/2025

Time Analyzed (1): 14:07

Time Analyzed (2): 14:07

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
HW1025-PT-PEST-SOIL	Q3483-20	PD091272.D	11/19/2025	11/19/2025
B3-0.0-1.0-20251117MS	Q3662-02MS	PD091279.D	11/19/2025	11/19/2025
B3-0.0-1.0-20251117MSD	Q3662-02MSD	PD091280.D	11/19/2025	11/19/2025
PB170628BS	PB170628BS	PD091404.D	12/01/2025	12/01/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	10/27/25
Project:	NJ Soil PT		Date Received:	10/29/25
Client Sample ID:	HW1025-PT-PEST-SOIL		SDG No.:	Q3483
Lab Sample ID:	Q3483-20		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	29.98 g	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	154	E	1	0.13	1.70	ug/kg	11/19/25 14:34	PB170628
319-85-7	beta-BHC	43.3	E	1	0.18	1.70	ug/kg	11/19/25 14:34	PB170628
319-86-8	delta-BHC	233	EP	1	0.39	1.70	ug/kg	11/19/25 14:34	PB170628
58-89-9	gamma-BHC (Lindane)	286	EP	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
76-44-8	Heptachlor	131	EP	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
309-00-2	Aldrin	292	EP	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
1024-57-3	Heptachlor epoxide	62.2	E	1	0.19	1.70	ug/kg	11/19/25 14:34	PB170628
959-98-8	Endosulfan I	36.6	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
60-57-1	Dieldrin	109	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-55-9	4,4-DDE	198	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-20-8	Endrin	152	EP	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
33213-65-9	Endosulfan II	72.2	E	1	0.29	1.70	ug/kg	11/19/25 14:34	PB170628
72-54-8	4,4-DDD	291	EP	1	0.15	1.70	ug/kg	11/19/25 14:34	PB170628
1031-07-8	Endosulfan Sulfate	190	EP	1	0.13	1.70	ug/kg	11/19/25 14:34	PB170628
50-29-3	4,4-DDT	115	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-43-5	Methoxychlor	47.9	E	1	0.37	1.70	ug/kg	11/19/25 14:34	PB170628
53494-70-5	Endrin ketone	245	EP	1	0.19	1.70	ug/kg	11/19/25 14:34	PB170628
7421-93-4	Endrin aldehyde	149	E	1	0.37	1.70	ug/kg	11/19/25 14:34	PB170628
5103-71-9	alpha-Chlordane	169	E	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
5103-74-2	gamma-Chlordane	297	EP	1	0.15	1.70	ug/kg	11/19/25 14:34	PB170628
2385-85-5	Mirex	0.17	U	1	0.17	1.70	ug/kg	11/19/25 14:34	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.1			10 - 143	121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.3			10 - 131	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

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\PD111925\
 Data File : PD091272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 14:34
 Operator : AR\AJ
 Sample : Q3483-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:29:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	68992296	779.1E6	20.006m	21.270
2)	SA Decachlor...	9.058	8.053	120.3E6	920.3E6	24.141	23.254m
Target Compounds							
2)	A alpha-BHC	3.991	3.386	3689.2E6	21655.4E6	461.406	342.634 #
3)	MA gamma-BHC...	4.321	3.718	6399.5E6	32730.8E6	856.369	566.068 #
4)	MA Heptachlor	4.919	4.071	2805.5E6	14106.9E6	391.733	255.517 #
5)	MB Aldrin	5.260	4.358	6342.3E6	25366.9E6	874.032	449.302 #
6)	B beta-BHC	4.508	4.015	369.6E6	3120.9E6	127.218	129.892
7)	B delta-BHC	4.757	4.255	5195.0E6	22859.0E6	698.998	390.905 #
8)	B Heptachlo...	5.680	4.859	1211.0E6	8491.7E6	186.402	166.639
9)	A Endosulfan I	6.064	5.233	674.7E6	4700.5E6	109.836	98.229
10)	B gamma-Chl...	5.936	5.118	5788.6E6	28432.9E6	890.450	520.488 #
11)	B alpha-Chl...	6.016	5.177	3482.5E6	21770.8E6	505.971	416.019
12)	B 4,4'-DDE	6.186	5.363	3449.4E6	22747.3E6	594.783	425.644 #
13)	MA Dieldrin	6.336	5.499	2111.4E6	14203.6E6	326.599	261.523
14)	MA Endrin	6.564	5.775	2262.1E6	11034.3E6	455.749	244.161 #
15)	B Endosulfa...	6.777	6.067	1203.1E6	8705.7E6	216.402	186.498
16)	A 4,4'-DDD	6.695	5.919	4283.9E6	24964.6E6	872.211	510.852 #
17)	MA 4,4'-DDT	7.011	6.169	1429.0E6	11987.8E6	345.539	306.339
18)	B Endrin al...	6.905	6.245	1864.6E6	12915.5E6	447.582	365.992
19)	B Endosulfa...	7.140	6.468	2937.6E6	16395.9E6	570.985	365.695 #
20)	A Methoxychlor	7.484	6.739	312.4E6	2694.3E6	143.697	134.368
21)	B Endrin ke...	7.620	6.980	4140.4E6	21422.2E6	734.952	420.406 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:34
Operator : AR\AJ
Sample : Q3483-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

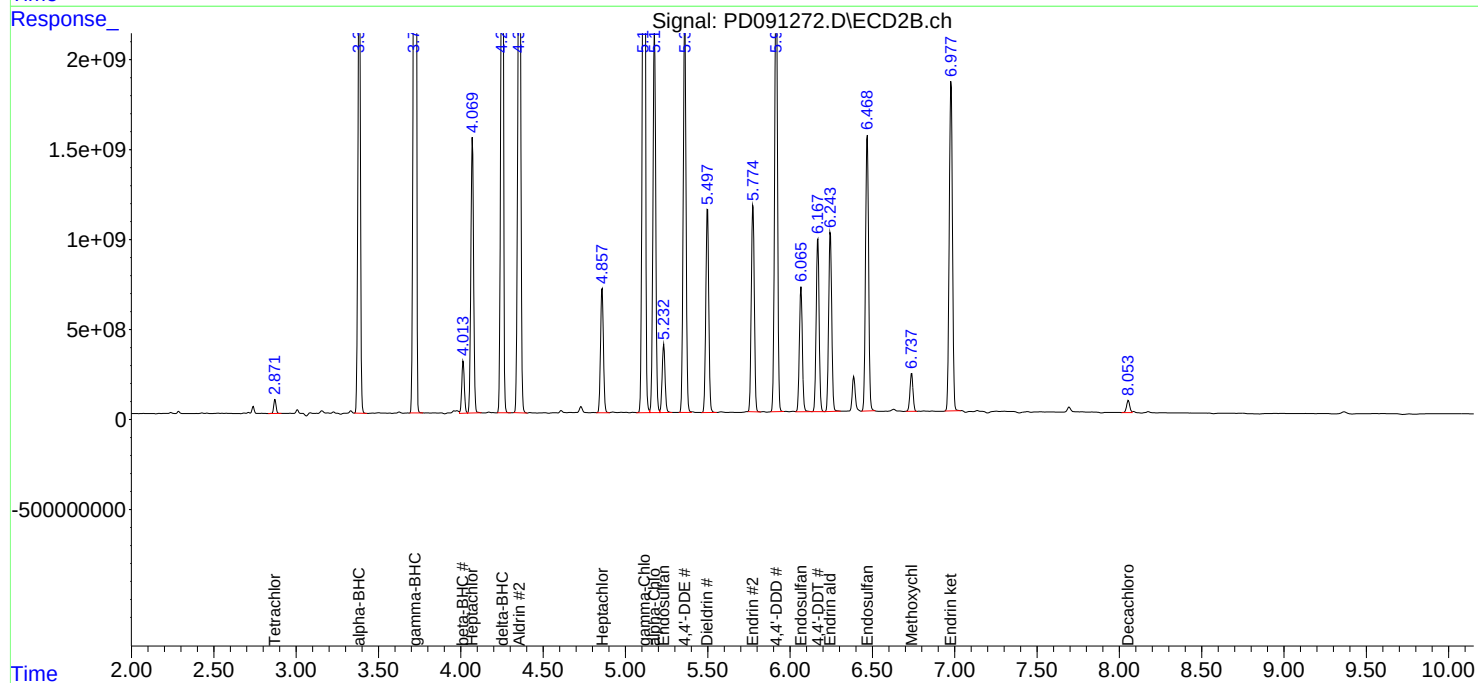
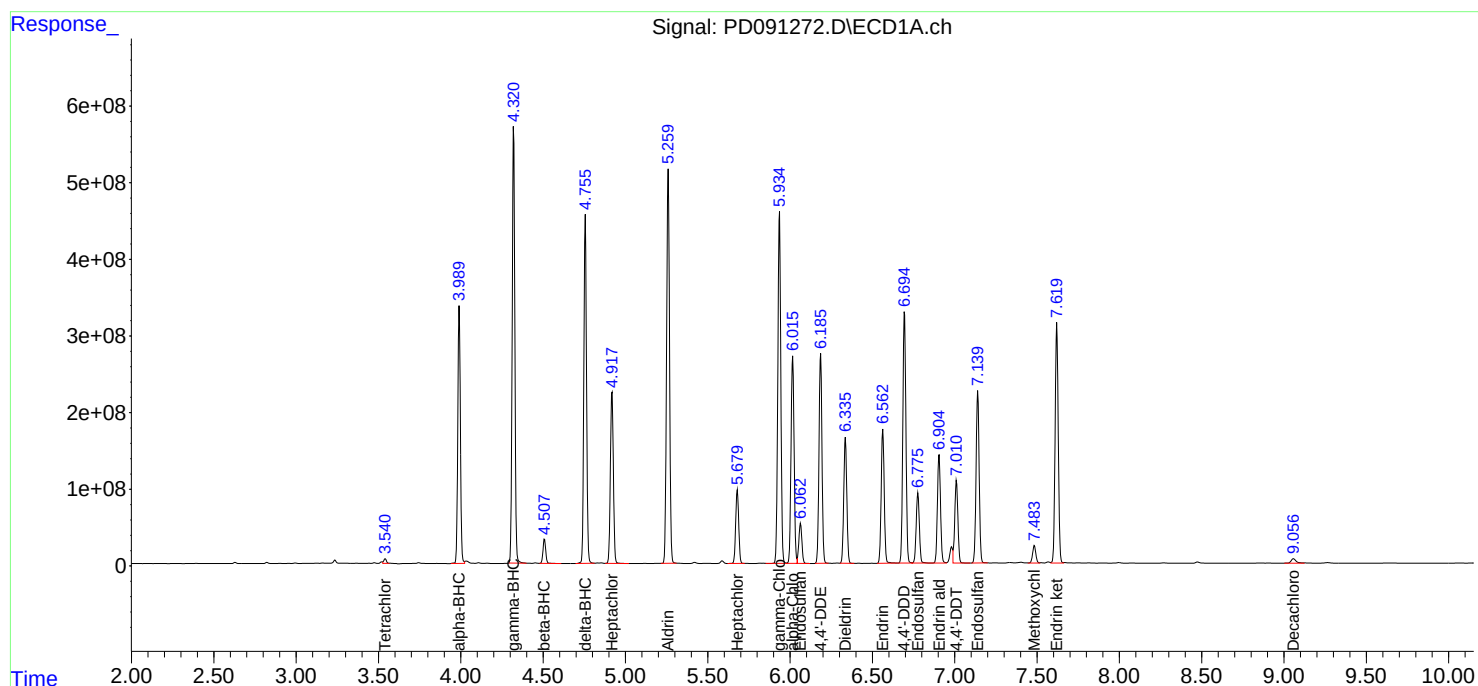
Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

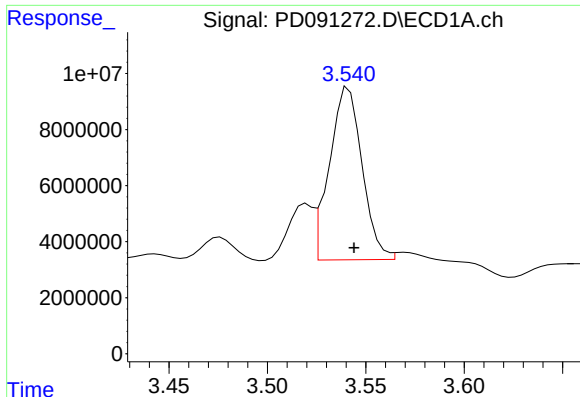
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





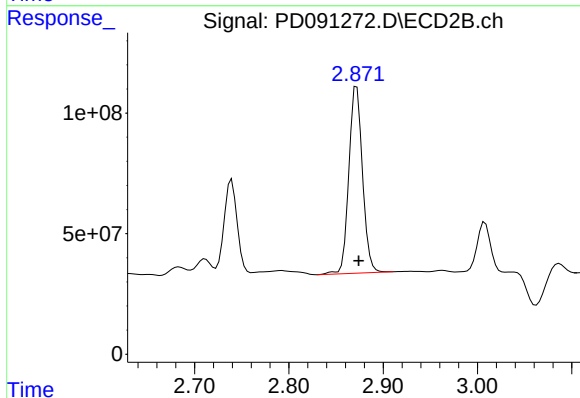
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 68992296
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

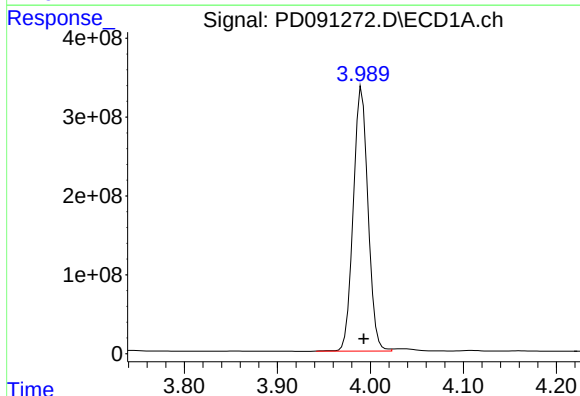
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



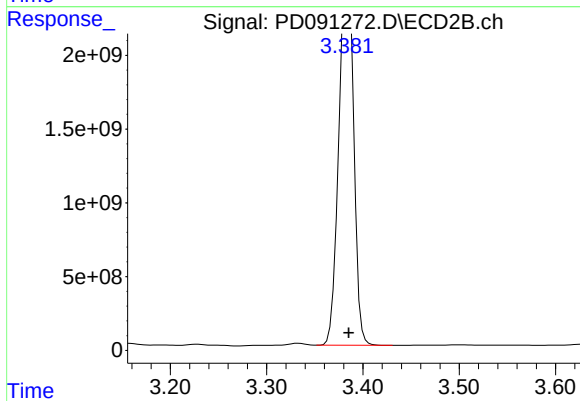
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 779119299
Conc: 21.27 ng/ml



#2 alpha-BHC

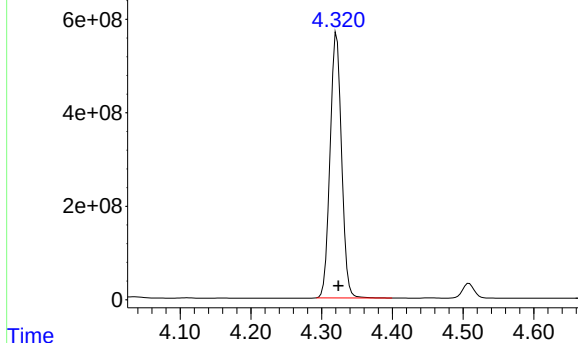
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 3689178588
Conc: 461.41 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.001 min
Response: 21655415613
Conc: 342.63 ng/ml

Response_ Signal: PD091272.D\ECD1A.ch



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 6399532283
Conc: 856.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

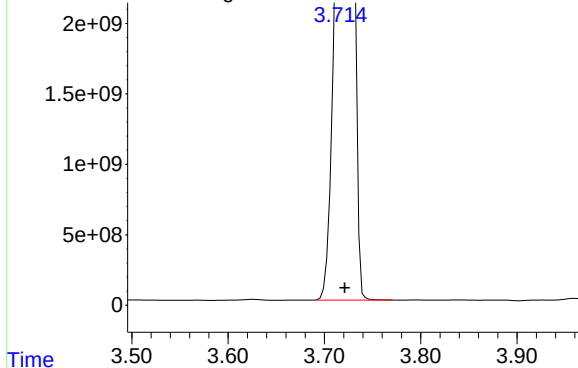
HW1025-PT-PEST-SOIL

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

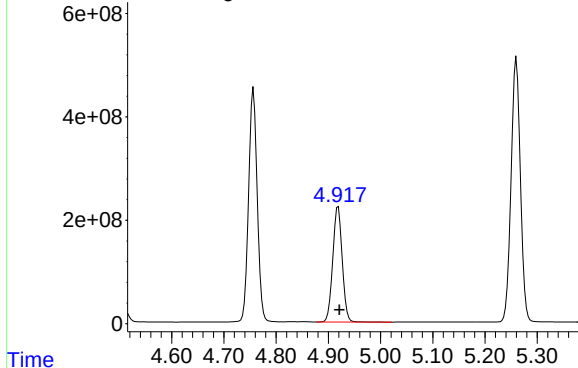
Response_ Signal: PD091272.D\ECD2B.ch



#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 32730801600
Conc: 566.07 ng/ml

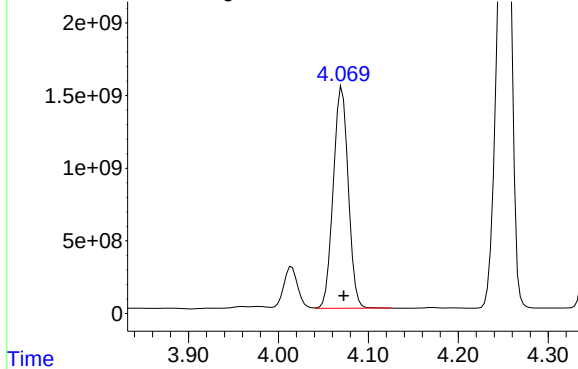
Response_ Signal: PD091272.D\ECD1A.ch



#4 Heptachlor

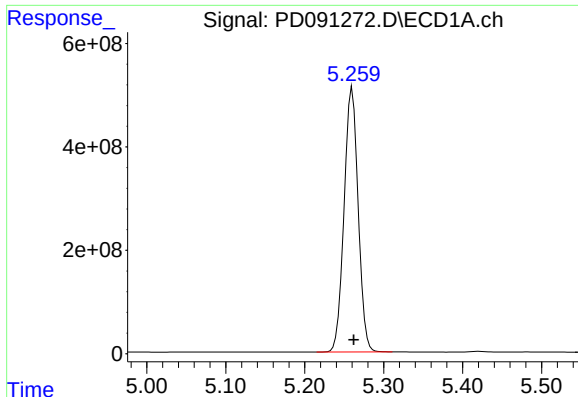
R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 2805492584
Conc: 391.73 ng/ml

Response_ Signal: PD091272.D\ECD2B.ch



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 14106941900
Conc: 255.52 ng/ml



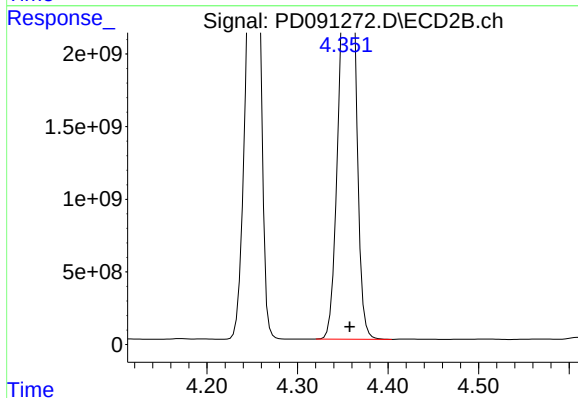
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 6342324613
Conc: 874.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

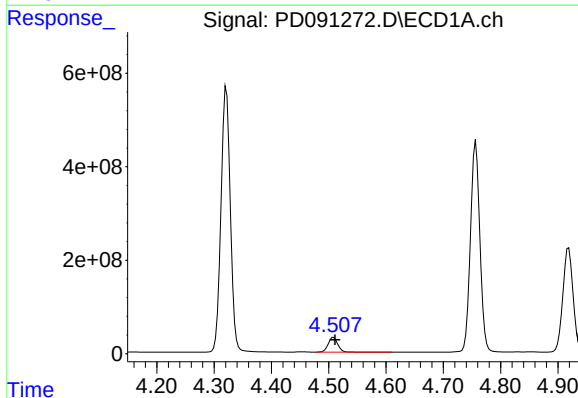
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



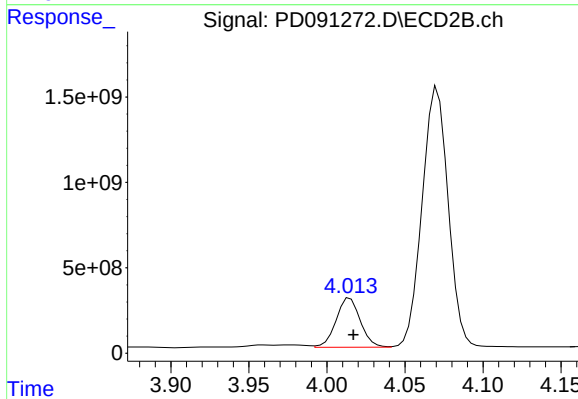
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 25366882509
Conc: 449.30 ng/ml



#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 369630509
Conc: 127.22 ng/ml

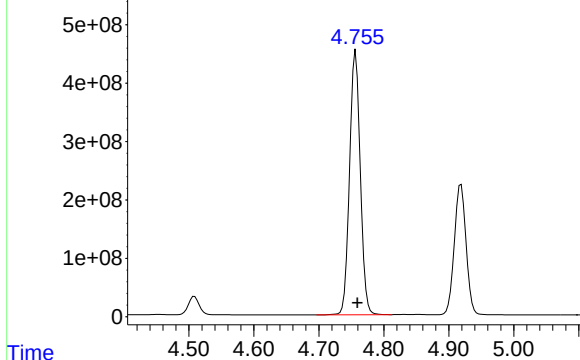


#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 3120911533
Conc: 129.89 ng/ml

Signal: PD091272.D\ECD1A.ch

#7 delta-BHC



R.T.: 4.757 min
 Delta R.T.: -0.002 min
 Response: 5195008804
 Conc: 699.00 ng/ml

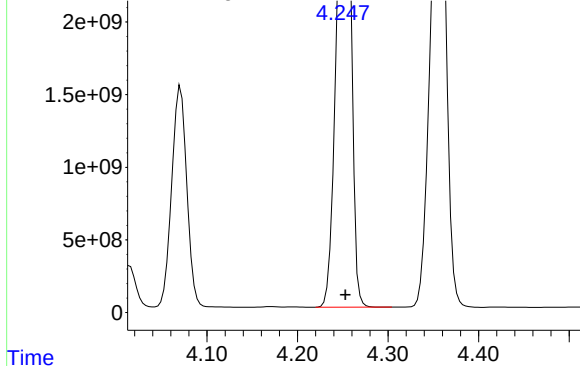
Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Signal: PD091272.D\ECD2B.ch

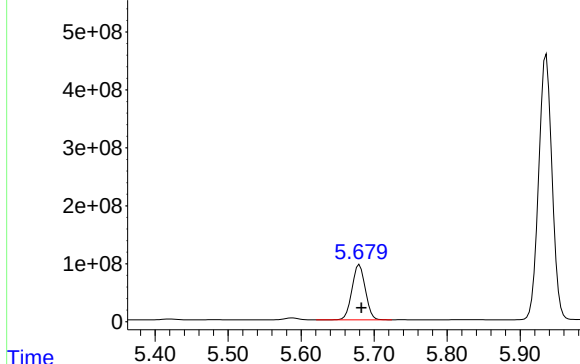
#7 delta-BHC



R.T.: 4.255 min
 Delta R.T.: 0.002 min
 Response: 22859015984
 Conc: 390.91 ng/ml

Signal: PD091272.D\ECD1A.ch

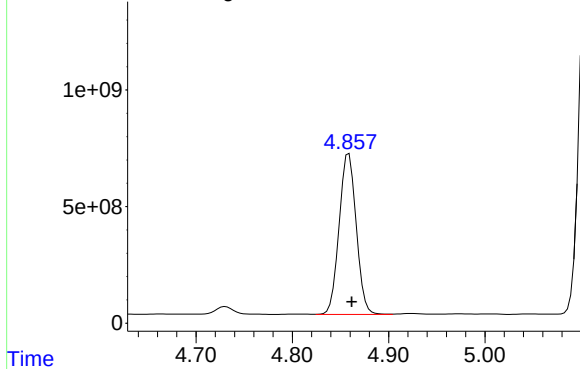
#8 Heptachlor epoxide



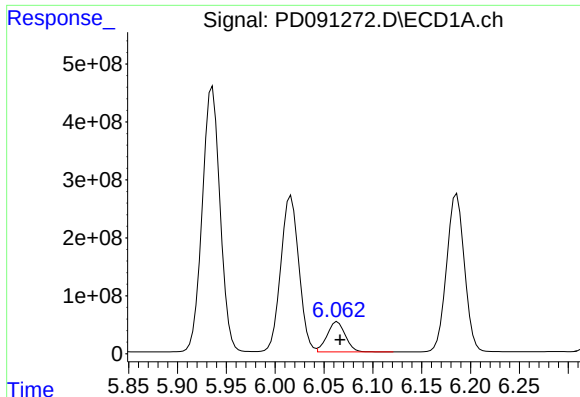
R.T.: 5.680 min
 Delta R.T.: -0.003 min
 Response: 1211003816
 Conc: 186.40 ng/ml

Signal: PD091272.D\ECD2B.ch

#8 Heptachlor epoxide



R.T.: 4.859 min
 Delta R.T.: -0.003 min
 Response: 8491713071
 Conc: 166.64 ng/ml



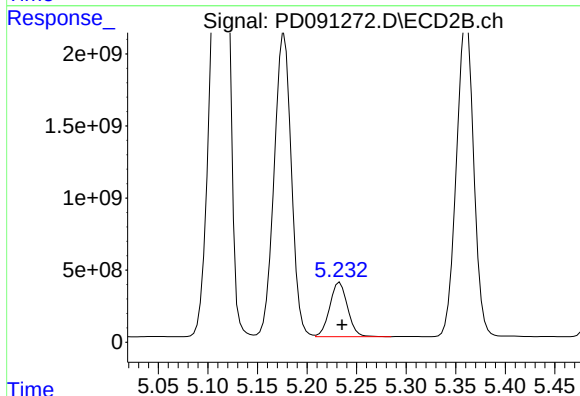
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 674718571
Conc: 109.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

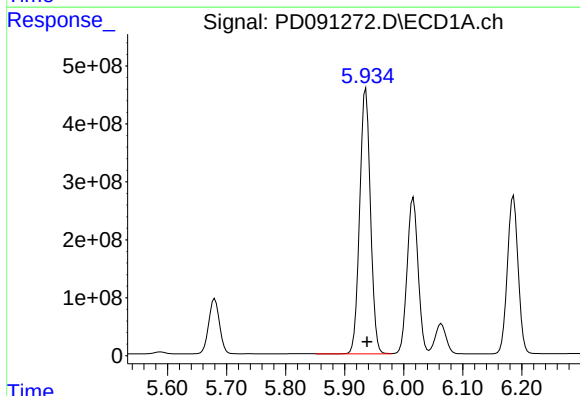
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



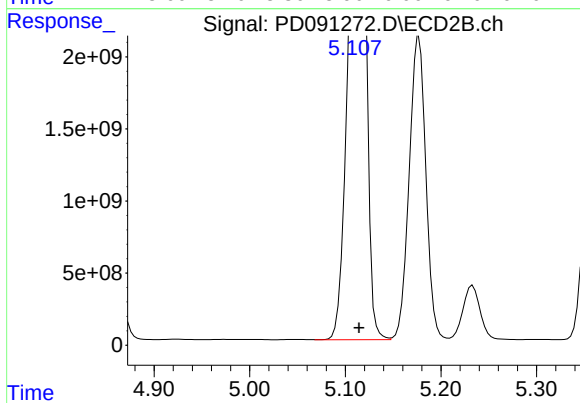
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 4700460396
Conc: 98.23 ng/ml



#10 gamma-Chlordane

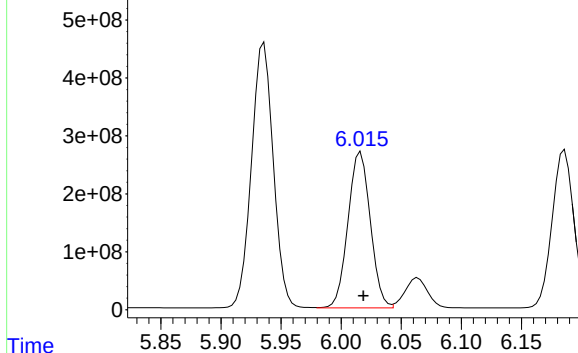
R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 5788614181
Conc: 890.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.003 min
Response: 28432907937
Conc: 520.49 ng/ml

Response_ Signal: PD091272.D\ECD1A.ch



#11 alpha-Chlordane

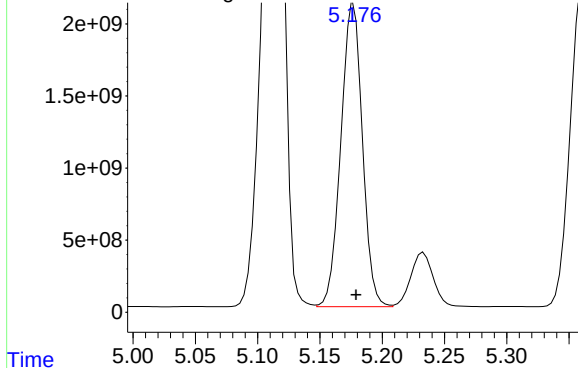
R.T.: 6.016 min
 Delta R.T.: -0.002 min
 Response: 3482501597
 Conc: 505.97 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

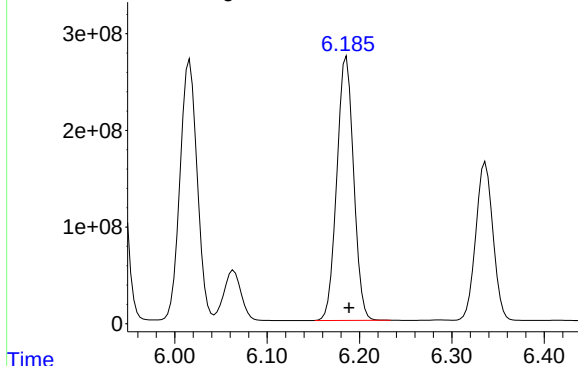
Response_ Signal: PD091272.D\ECD2B.ch



#11 alpha-Chlordane

R.T.: 5.177 min
 Delta R.T.: -0.002 min
 Response: 21770826611
 Conc: 416.02 ng/ml

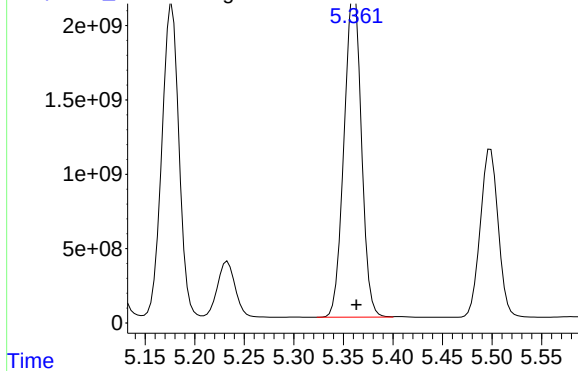
Response_ Signal: PD091272.D\ECD1A.ch



#12 4,4'-DDE

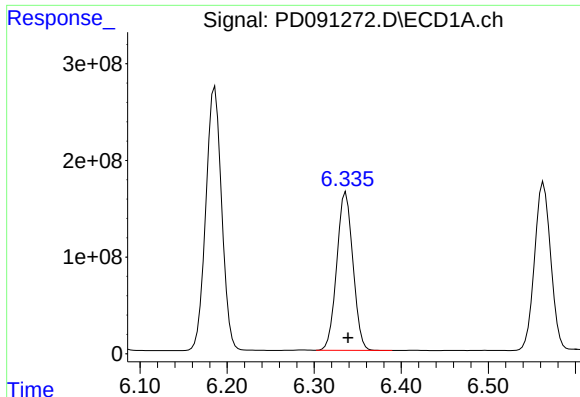
R.T.: 6.186 min
 Delta R.T.: -0.003 min
 Response: 3449388981
 Conc: 594.78 ng/ml

Response_ Signal: PD091272.D\ECD2B.ch



#12 4,4'-DDE

R.T.: 5.363 min
 Delta R.T.: 0.000 min
 Response: 22747323223
 Conc: 425.64 ng/ml



#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 2111437581
Conc: 326.60 ng/ml

Instrument :

ECD_D

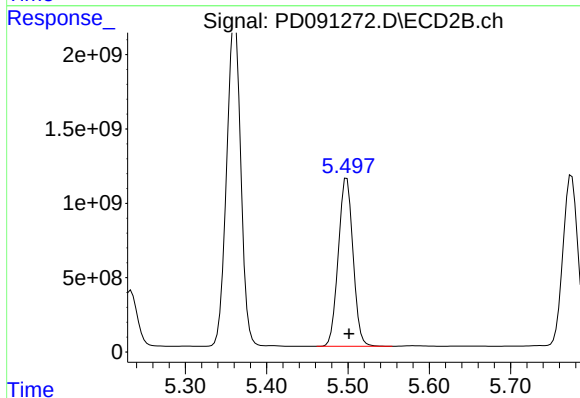
ClientSampleId :

HW1025-PT-PEST-SOIL

Manual Integrations

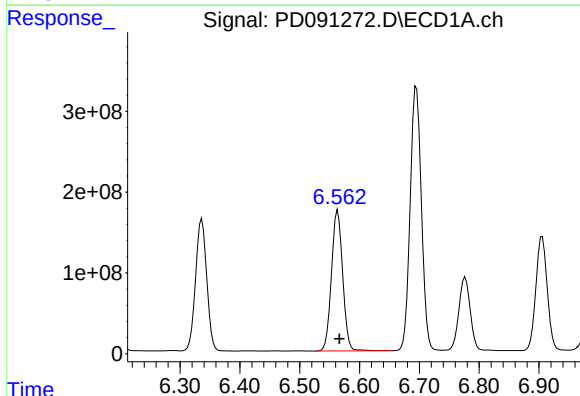
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



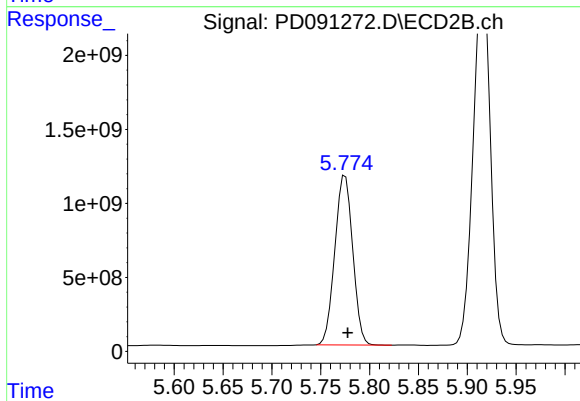
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 14203598214
Conc: 261.52 ng/ml



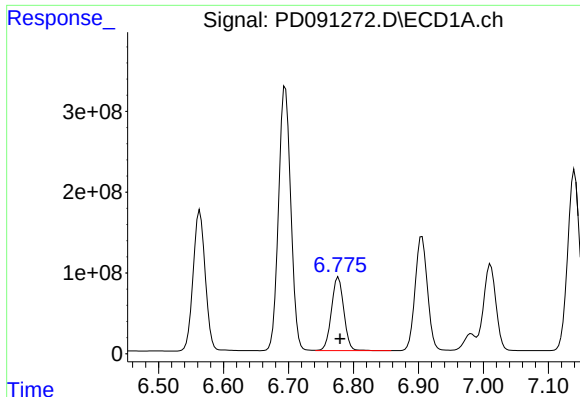
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 2262103944
Conc: 455.75 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 11034263323
Conc: 244.16 ng/ml



#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 1203050137
Conc: 216.40 ng/ml

Instrument :

ECD_D

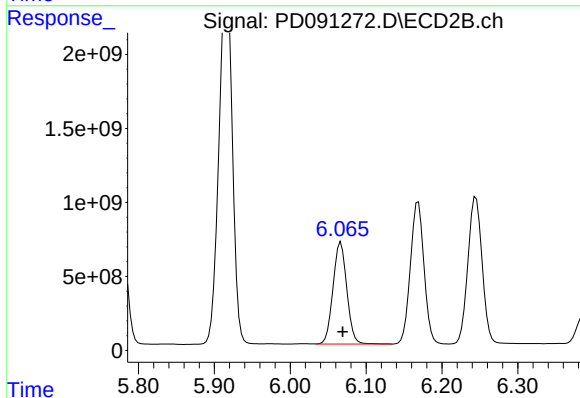
ClientSampleId :

HW1025-PT-PEST-SOIL

Manual Integrations

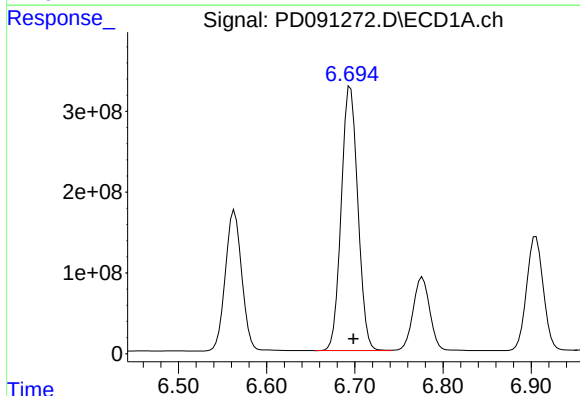
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



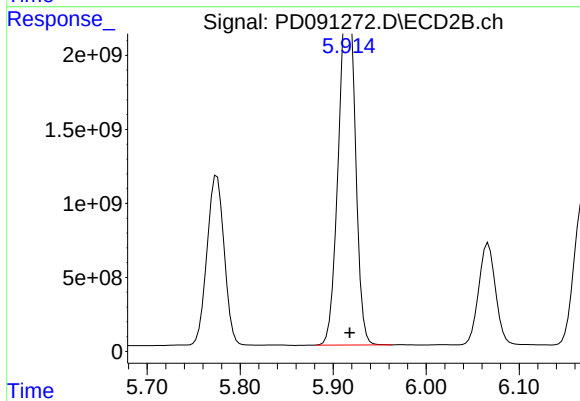
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 8705678279
Conc: 186.50 ng/ml



#16 4,4'-DDD

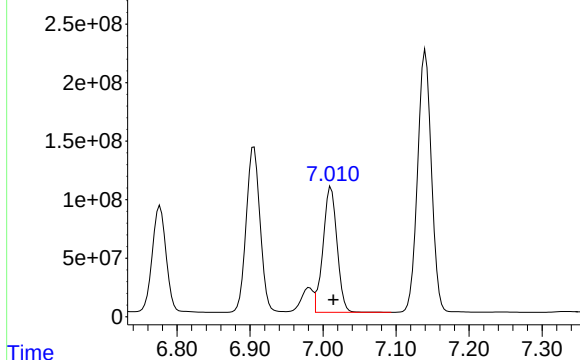
R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 4283870362
Conc: 872.21 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: 0.001 min
Response: 24964565134
Conc: 510.85 ng/ml

Response_ Signal: PD091272.D\ECD1A.ch



#17 4,4'-DDT

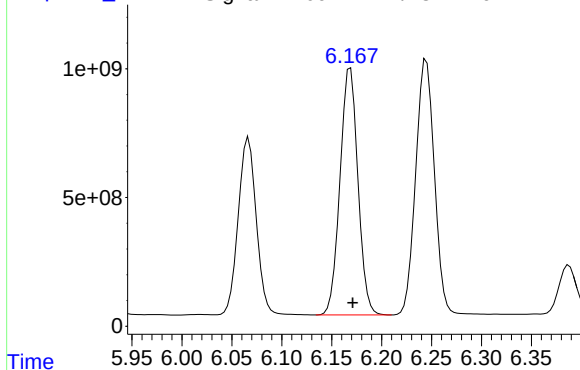
R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 1428978510
Conc: 345.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

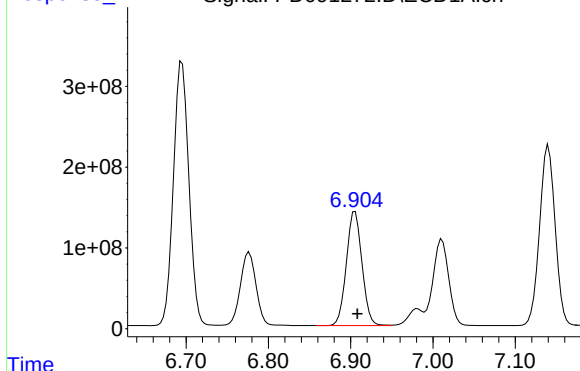
Time Response_ Signal: PD091272.D\ECD2B.ch



#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 11987837426
Conc: 306.34 ng/ml

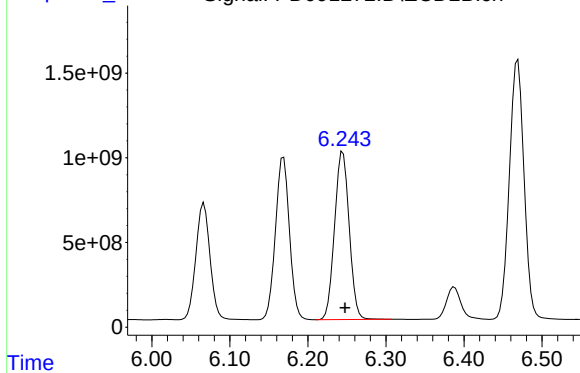
Time Response_ Signal: PD091272.D\ECD1A.ch



#18 Endrin aldehyde

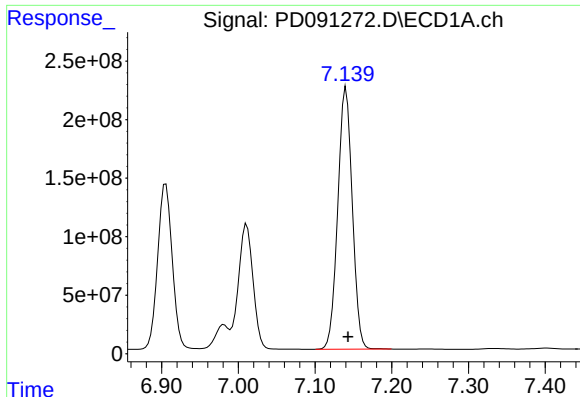
R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 1864644154
Conc: 447.58 ng/ml

Time Response_ Signal: PD091272.D\ECD2B.ch



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 12915521033
Conc: 365.99 ng/ml



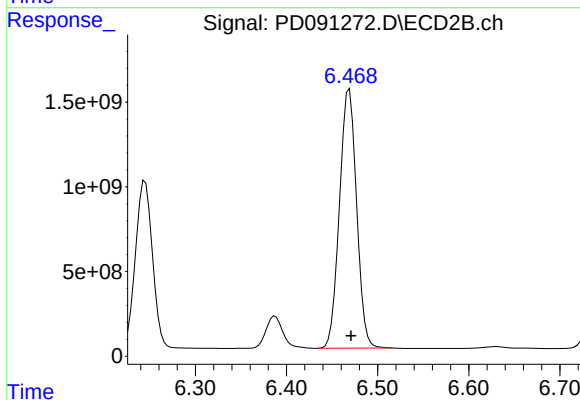
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 2937596801
Conc: 570.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

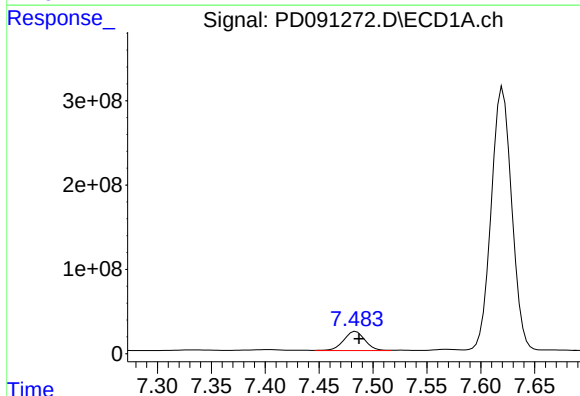
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



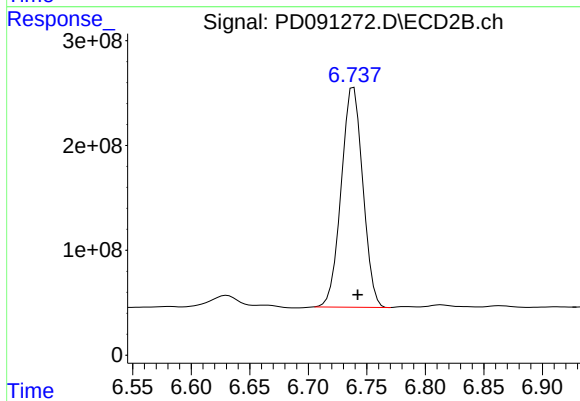
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 16395903023
Conc: 365.69 ng/ml



#20 Methoxychlor

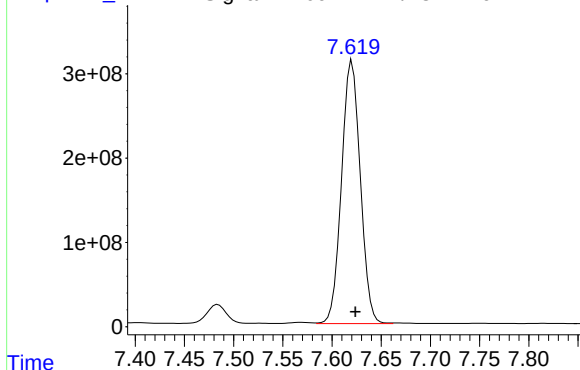
R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 312444632
Conc: 143.70 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 2694261317
Conc: 134.37 ng/ml

Response_ Signal: PD091272.D\ECD1A.ch



#21 Endrin ketone

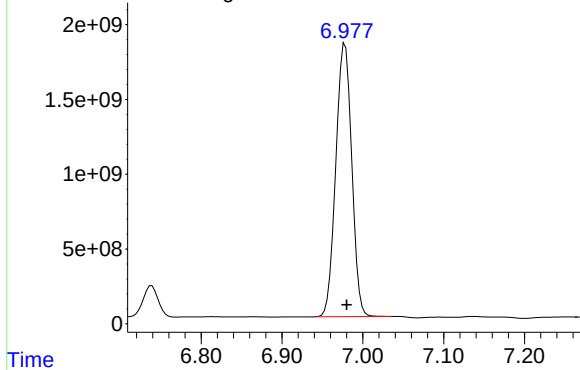
R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 4140391700
Conc: 734.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

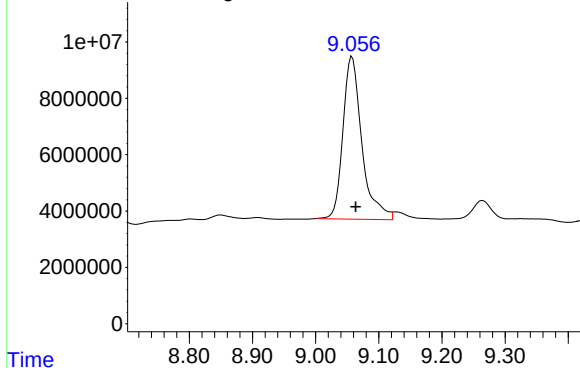
Response_ Signal: PD091272.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 21422150447
Conc: 420.41 ng/ml

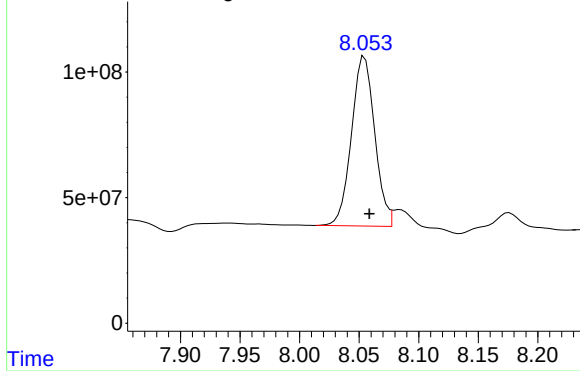
Response_ Signal: PD091272.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.006 min
Response: 120266891
Conc: 24.14 ng/ml

Response_ Signal: PD091272.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 920270800
Conc: 23.25 ng/ml m



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	10/27/25
Project:	NJ Soil PT		Date Received:	10/29/25
Client Sample ID:	HW1025-PT-PEST-SOILDL		SDG No.:	Q3483
Lab Sample ID:	Q3483-20DL		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	29.98 g	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	132	D	10	1.30	17.0	ug/kg	11/19/25 15:02	PB170628
319-85-7	beta-BHC	49.6	D	10	1.80	17.0	ug/kg	11/19/25 15:02	PB170628
319-86-8	delta-BHC	186	D	10	3.90	17.0	ug/kg	11/19/25 15:02	PB170628
58-89-9	gamma-BHC (Lindane)	233	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
76-44-8	Heptachlor	122	D	10	1.20	17.0	ug/kg	11/19/25 15:02	PB170628
309-00-2	Aldrin	253	D	10	1.20	17.0	ug/kg	11/19/25 15:02	PB170628
1024-57-3	Heptachlor epoxide	62.3	D	10	1.90	17.0	ug/kg	11/19/25 15:02	PB170628
959-98-8	Endosulfan I	37.0	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
60-57-1	Dieldrin	93.0	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
72-55-9	4,4-DDE	158	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
72-20-8	Endrin	121	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
33213-65-9	Endosulfan II	65.6	D	10	2.90	17.0	ug/kg	11/19/25 15:02	PB170628
72-54-8	4,4-DDD	231	D	10	1.50	17.0	ug/kg	11/19/25 15:02	PB170628
1031-07-8	Endosulfan Sulfate	164	D	10	1.30	17.0	ug/kg	11/19/25 15:02	PB170628
50-29-3	4,4-DDT	87.4	D	10	1.40	17.0	ug/kg	11/19/25 15:02	PB170628
72-43-5	Methoxychlor	45.2	D	10	3.70	17.0	ug/kg	11/19/25 15:02	PB170628
53494-70-5	Endrin ketone	210	D	10	1.90	17.0	ug/kg	11/19/25 15:02	PB170628
7421-93-4	Endrin aldehyde	137	D	10	3.70	17.0	ug/kg	11/19/25 15:02	PB170628
5103-71-9	alpha-Chlordane	152	D	10	1.20	17.0	ug/kg	11/19/25 15:02	PB170628
5103-74-2	gamma-Chlordane	236	D	10	1.50	17.0	ug/kg	11/19/25 15:02	PB170628
2385-85-5	Mirex	1.70	UD	10	1.70	17.0	ug/kg	11/19/25 15:02	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.4			10 - 143	132%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.8	*		10 - 131	144%	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

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\PD111925\
 Data File : PD091274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 15:02
 Operator : AR\AJ
 Sample : Q3483-20DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-PEST-SOILDL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/20/2025
 Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:30:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	8178962	105.4E6	2.372m	2.878
2)	SA Decachlor...	9.059	8.055	13175973	68886524	2.645	1.741 #
Target Compounds							
2)	A alpha-BHC	3.991	3.383	299.7E6	2500.9E6	37.481	39.570
3)	MA gamma-BHC...	4.322	3.719	521.0E6	3989.5E6	69.717	68.996
4)	MA Heptachlor	4.919	4.071	242.7E6	2015.6E6	33.886	36.508
5)	MB Aldrin	5.260	4.356	549.8E6	4255.8E6	75.771	75.380
6)	B beta-BHC	4.508	4.015	39313080	357.6E6	13.531m	14.883
7)	B delta-BHC	4.758	4.252	415.0E6	3233.6E6	55.840	55.297
8)	B Heptachlo...	5.680	4.860	111.6E6	951.6E6	17.173	18.674
9)	A Endosulfan I	6.064	5.234	62161010	531.0E6	10.119	11.097
10)	B gamma-Chl...	5.935	5.112	459.8E6	3834.0E6	70.726m	70.185
11)	B alpha-Chl...	6.016	5.177	295.1E6	2379.7E6	42.878	45.474
12)	B 4,4'-DDE	6.186	5.362	274.7E6	2501.9E6	47.360	46.816
13)	MA Dieldrin	6.337	5.499	174.4E6	1514.8E6	26.981	27.891
14)	MA Endrin	6.564	5.776	180.7E6	1557.4E6	36.408	34.462
15)	B Endosulfa...	6.777	6.067	109.3E6	872.4E6	19.668	18.688
16)	A 4,4'-DDD	6.696	5.916	339.8E6	3008.2E6	69.192	61.557
17)	MA 4,4'-DDT	7.012	6.169	108.3E6	1001.7E6	26.196	25.596
18)	B Endrin al...	6.906	6.245	171.0E6	1352.2E6	41.050	38.318
19)	B Endosulfa...	7.141	6.469	253.4E6	1971.0E6	49.253	43.962
20)	A Methoxychlor	7.485	6.740	29473405	246.8E6	13.555	12.308
21)	B Endrin ke...	7.622	6.978	354.3E6	2554.6E6	62.885	50.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:02
Operator : AR\AJ
Sample : Q3483-20DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

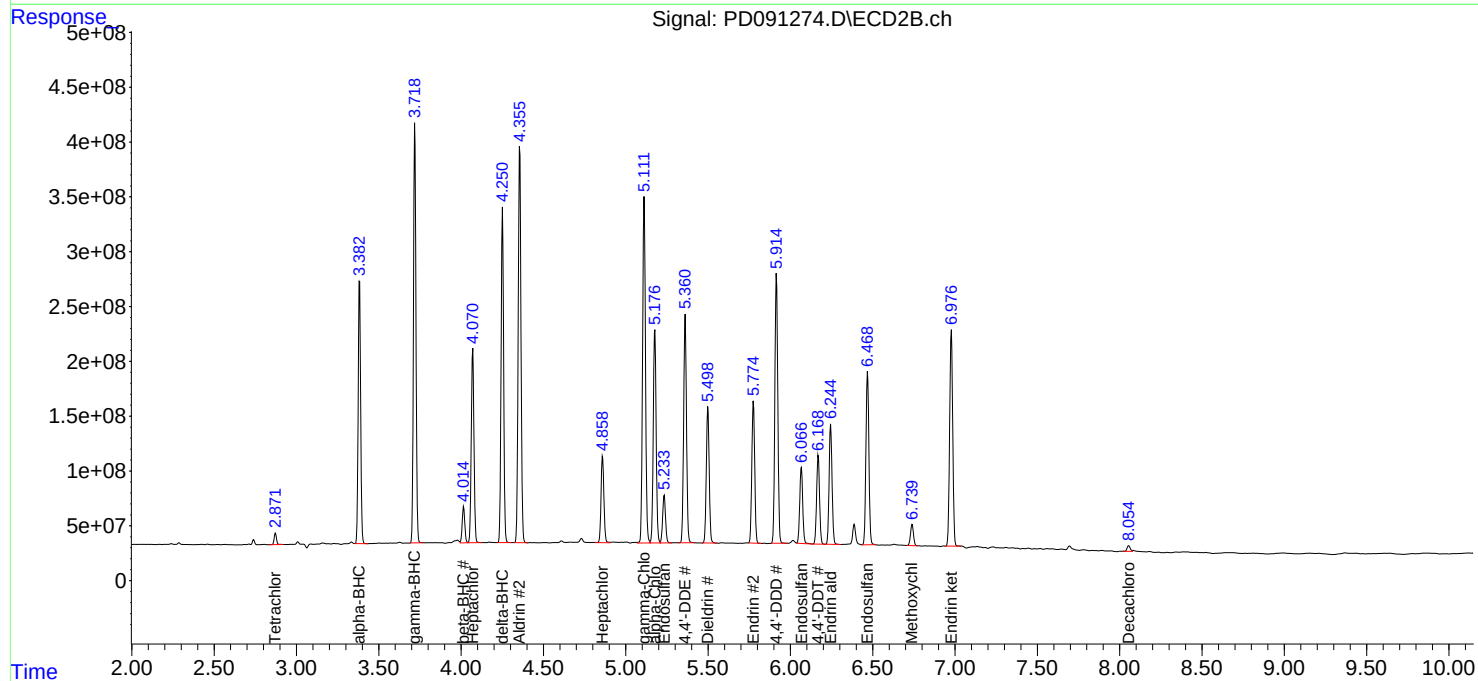
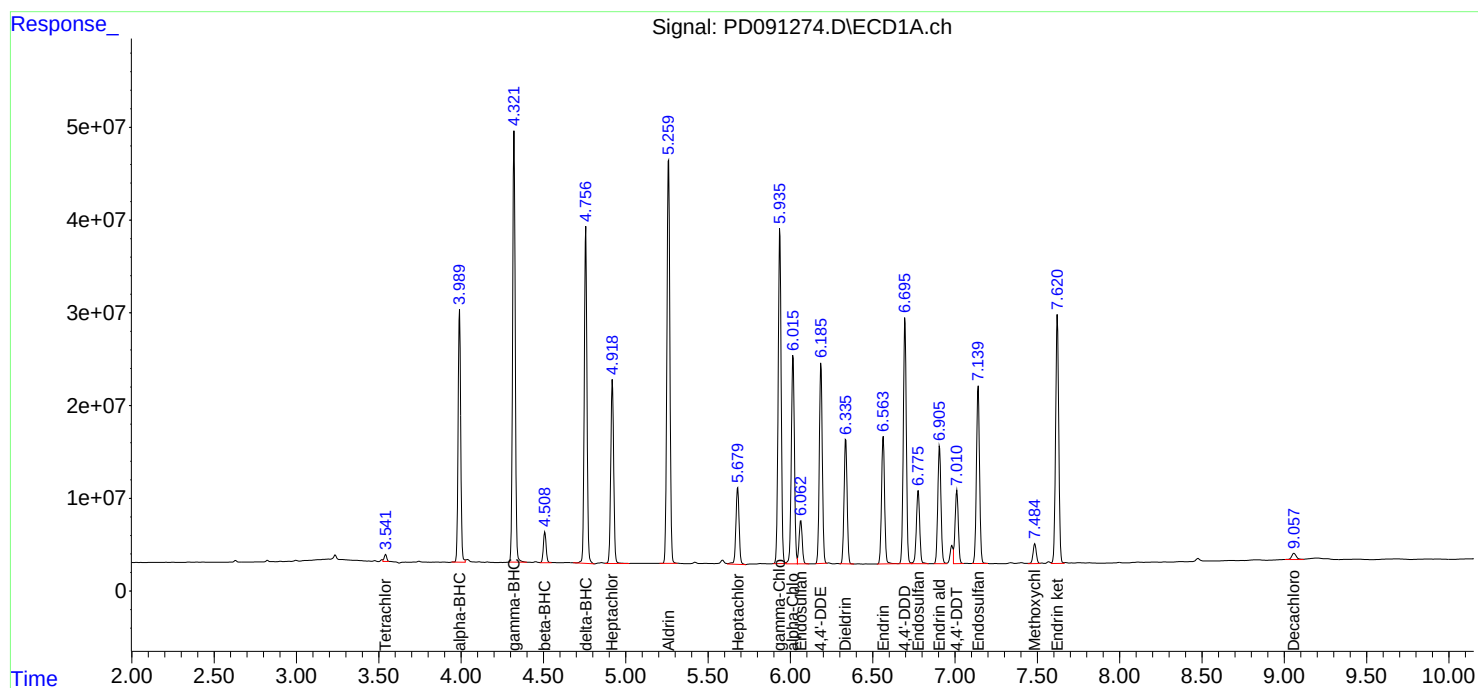
Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

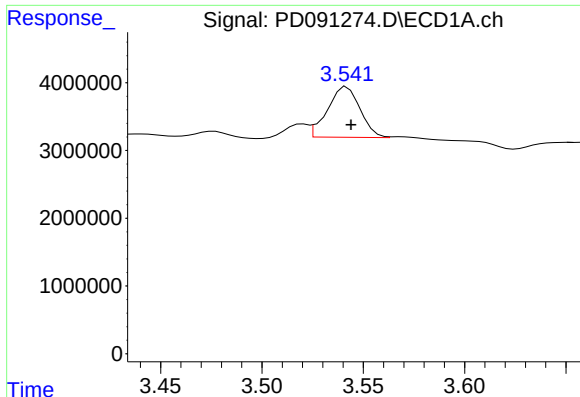
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





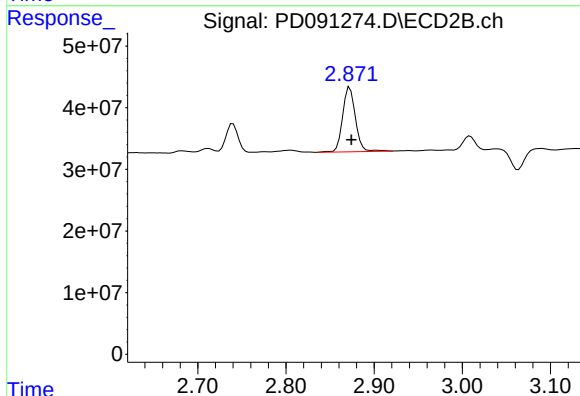
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 8178962
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

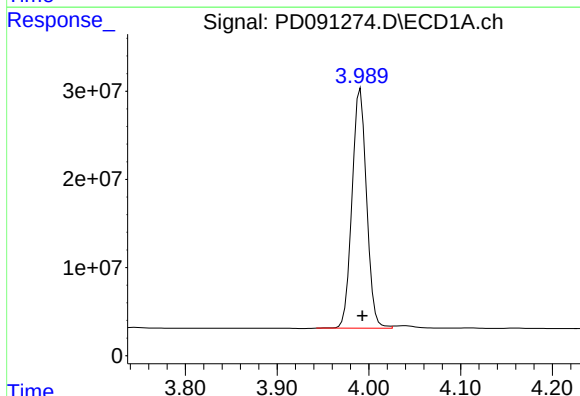
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



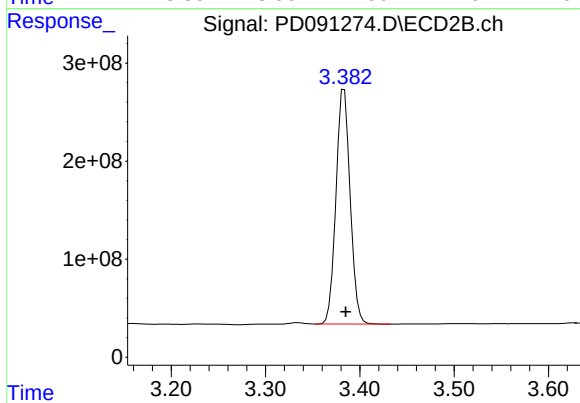
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 105420203
Conc: 2.88 ng/ml



#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 299680758
Conc: 37.48 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2500934871
Conc: 39.57 ng/ml

Response_

Signal: PD091274.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.322 min

Delta R.T.: -0.002 min

Response: 520985492

Conc: 69.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

HW1025-PT-PEST-SOILDL

Manual Integrations
APPROVEDReviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Time

Response

Signal: PD091274.D\ECD2B.ch

#3 gamma-BHC (Lindane)

R.T.: 3.719 min

Delta R.T.: -0.002 min

Response: 3989460742

Conc: 69.00 ng/ml

Time

Response_

Signal: PD091274.D\ECD1A.ch

#4 Heptachlor

R.T.: 4.919 min

Delta R.T.: -0.002 min

Response: 242681886

Conc: 33.89 ng/ml

Time

Response

Signal: PD091274.D\ECD2B.ch

#4 Heptachlor

R.T.: 4.071 min

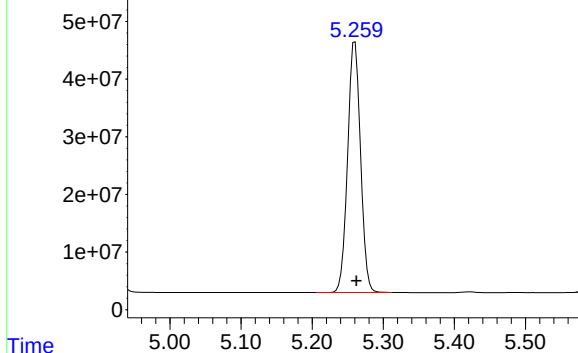
Delta R.T.: -0.002 min

Response: 2015585746

Conc: 36.51 ng/ml

Time

Response_ Signal: PD091274.D\ECD1A.ch



#5 Aldrin

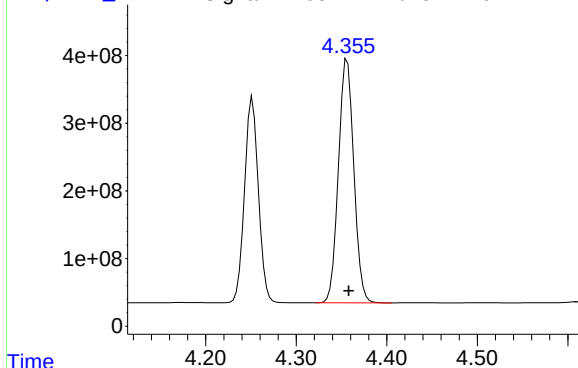
R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 549824406
Conc: 75.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

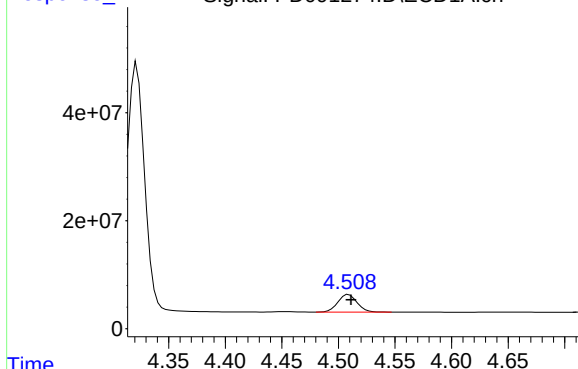
Time Response_ Signal: PD091274.D\ECD2B.ch



#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4255815454
Conc: 75.38 ng/ml

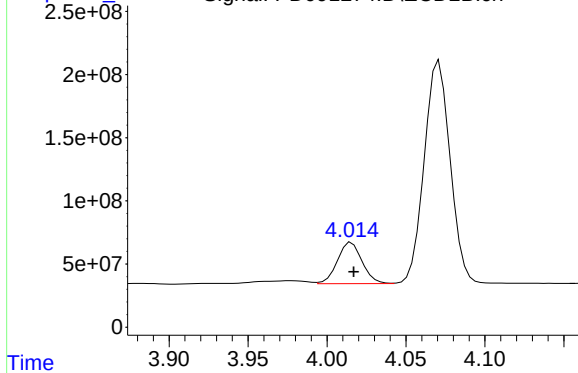
Time Response_ Signal: PD091274.D\ECD1A.ch



#6 beta-BHC

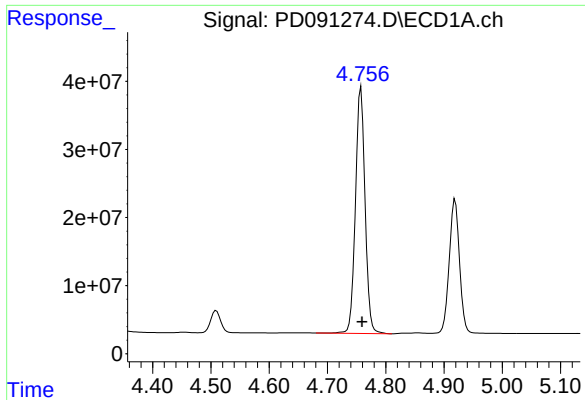
R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 39313080
Conc: 13.53 ng/ml m

Time Response_ Signal: PD091274.D\ECD2B.ch



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 357600148
Conc: 14.88 ng/ml



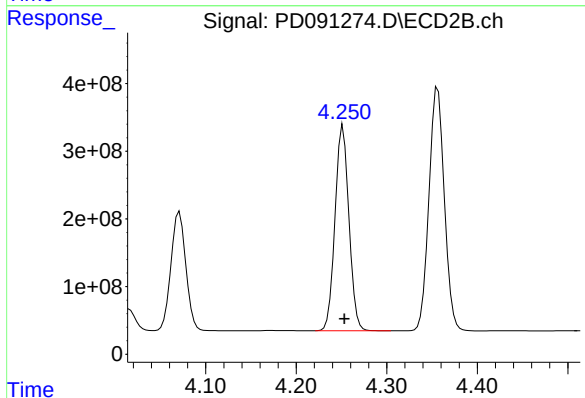
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 415004542
Conc: 55.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

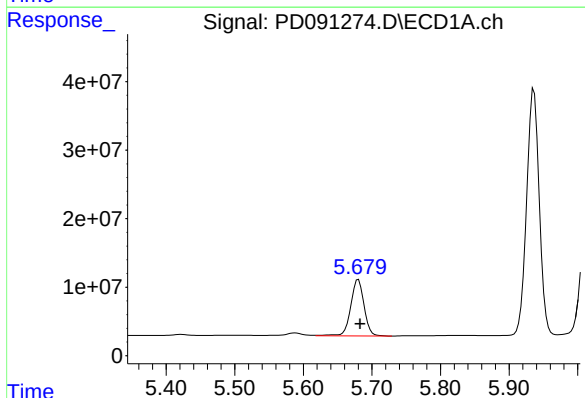
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



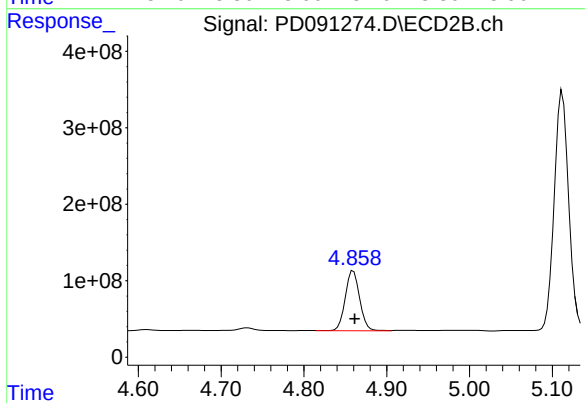
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3233596340
Conc: 55.30 ng/ml



#8 Heptachlor epoxide

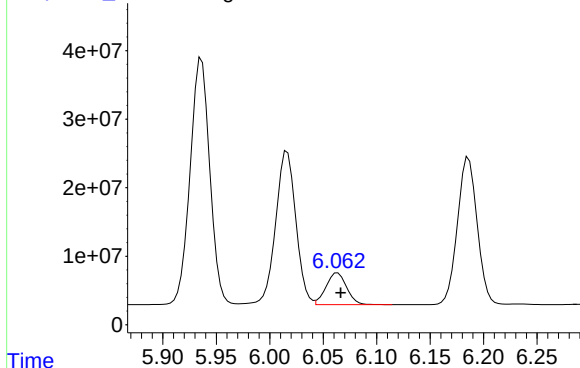
R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 111571522
Conc: 17.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 951610260
Conc: 18.67 ng/ml

Response_ Signal: PD091274.D\ECD1A.ch



#9 Endosulfan I

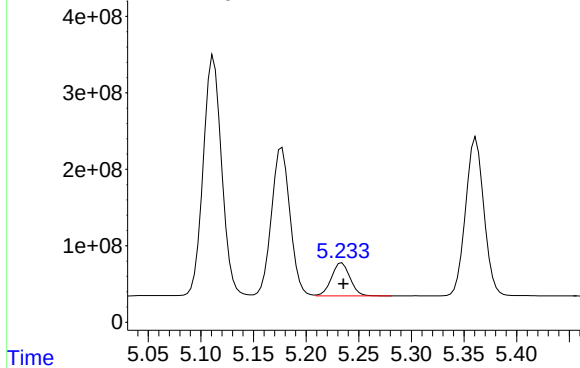
R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 62161010
Conc: 10.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

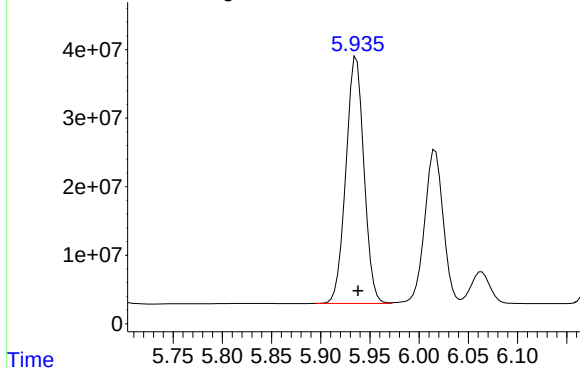
Time Response_ Signal: PD091274.D\ECD2B.ch



#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 531002155
Conc: 11.10 ng/ml

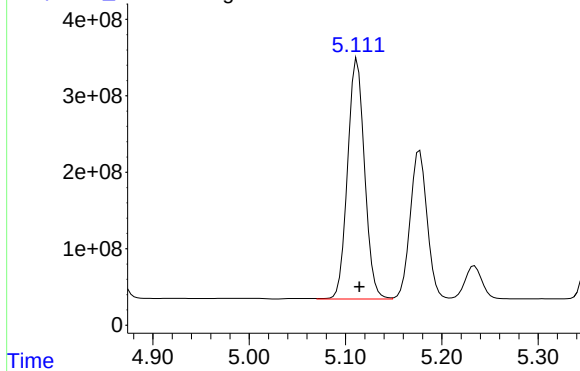
Time Response_ Signal: PD091274.D\ECD1A.ch



#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 459772236
Conc: 70.73 ng/ml m

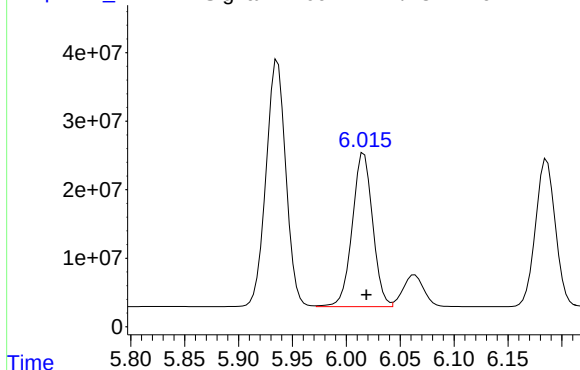
Time Response_ Signal: PD091274.D\ECD2B.ch



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 3834011873
Conc: 70.18 ng/ml

Response_ Signal: PD091274.D\ECD1A.ch



#11 alpha-Chlordane

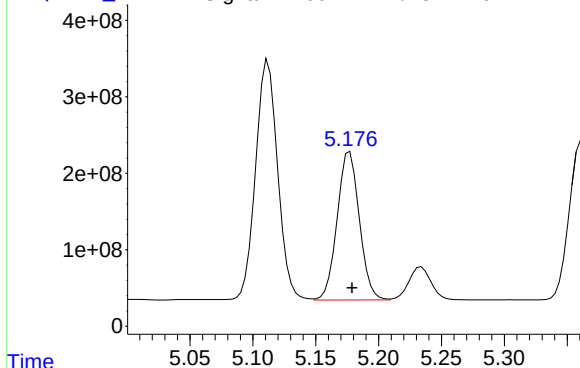
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 295124082
Conc: 42.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

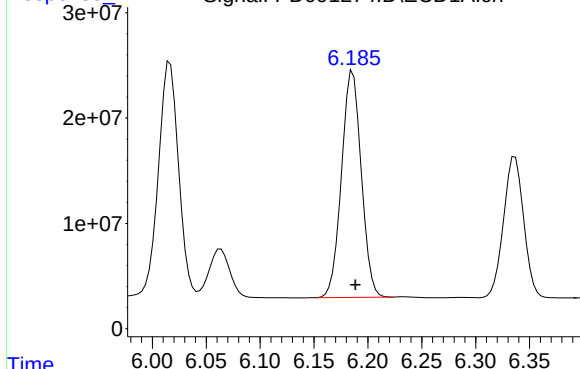
Response_ Signal: PD091274.D\ECD2B.ch



#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2379742496
Conc: 45.47 ng/ml

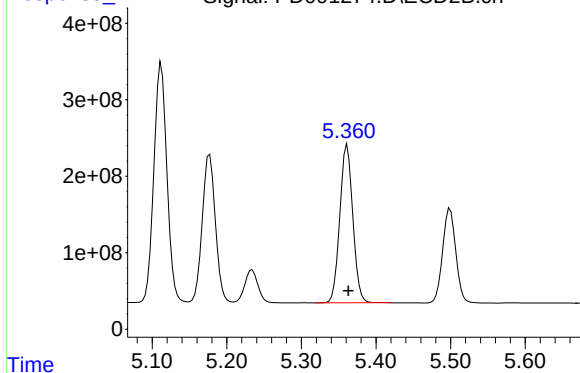
Response_ Signal: PD091274.D\ECD1A.ch



#12 4,4'-DDE

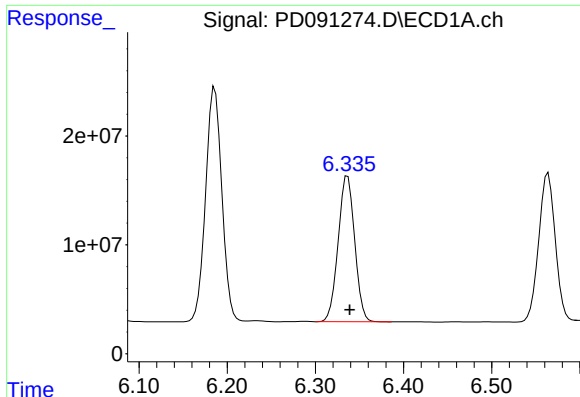
R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 274660813
Conc: 47.36 ng/ml

Response_ Signal: PD091274.D\ECD2B.ch



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2501928955
Conc: 46.82 ng/ml



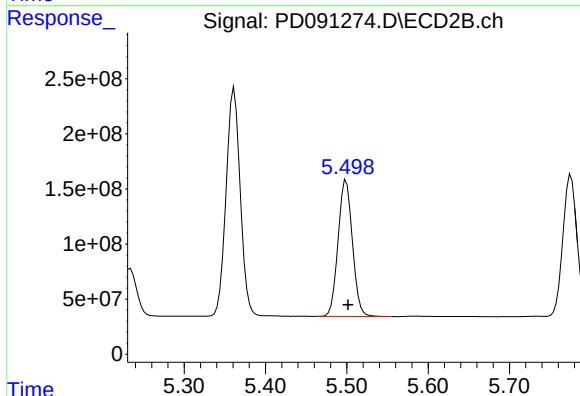
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 174427681
Conc: 26.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

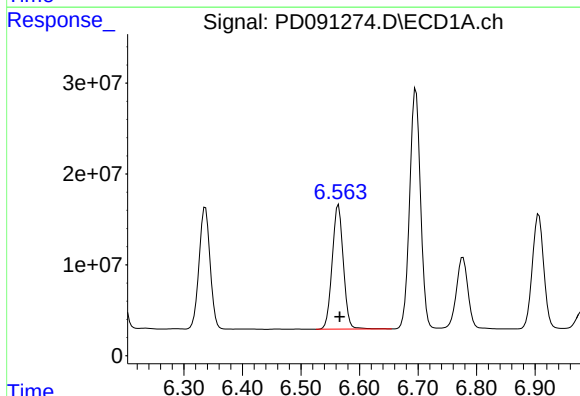
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



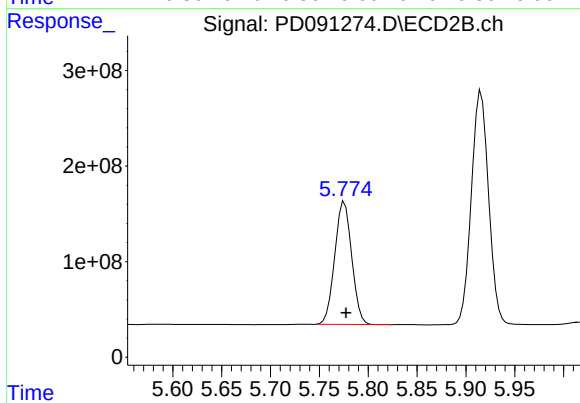
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 1514772997
Conc: 27.89 ng/ml



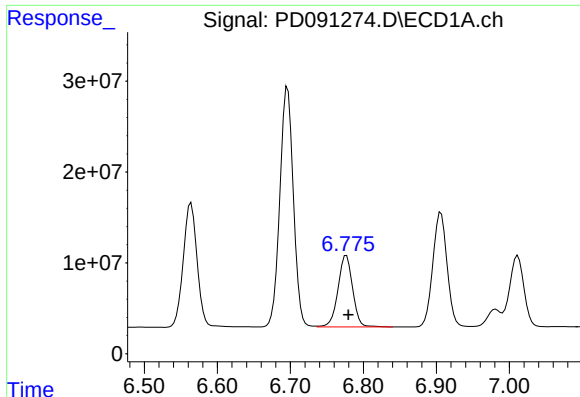
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 180709298
Conc: 36.41 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 1557425822
Conc: 34.46 ng/ml



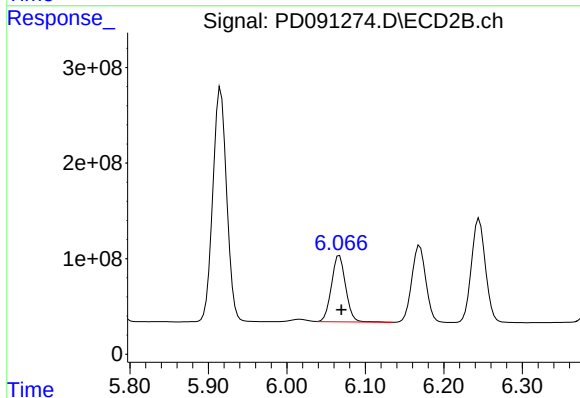
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 109340700
Conc: 19.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

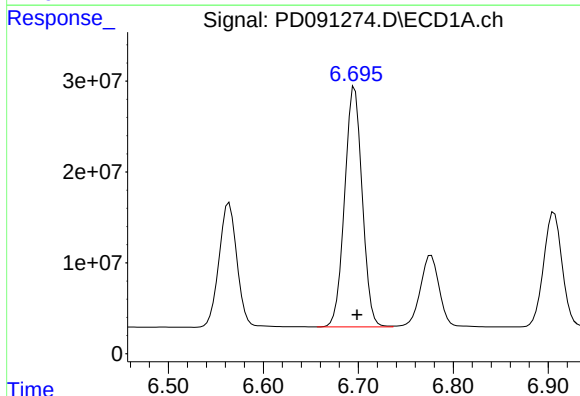
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



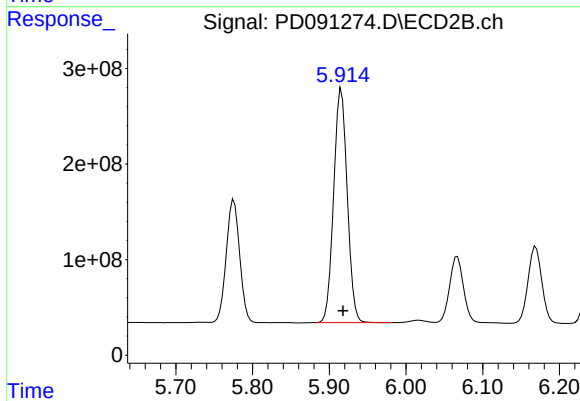
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 872356423
Conc: 18.69 ng/ml



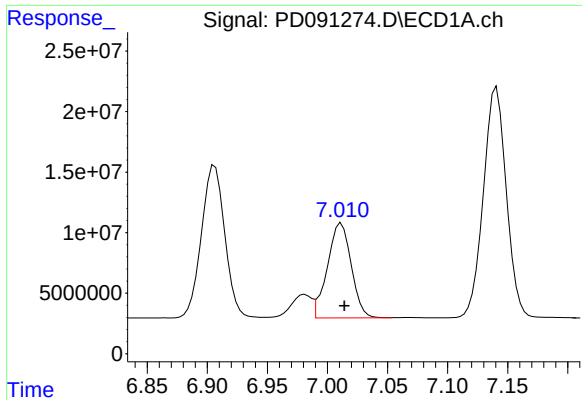
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 339837630
Conc: 69.19 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 3008187864
Conc: 61.56 ng/ml



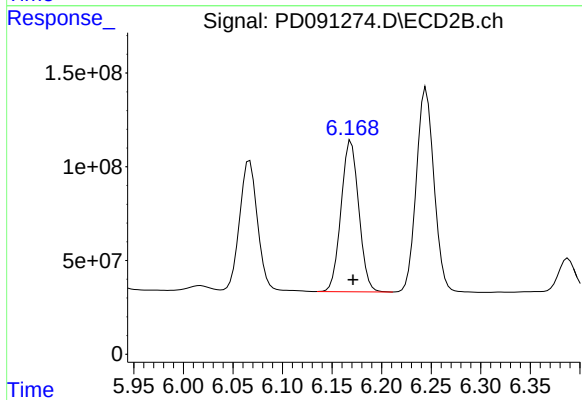
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 108335852
Conc: 26.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

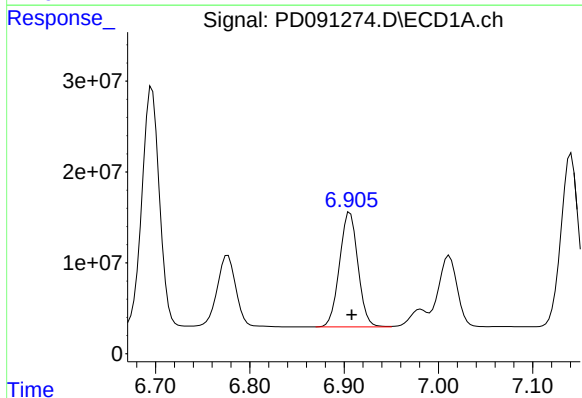
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



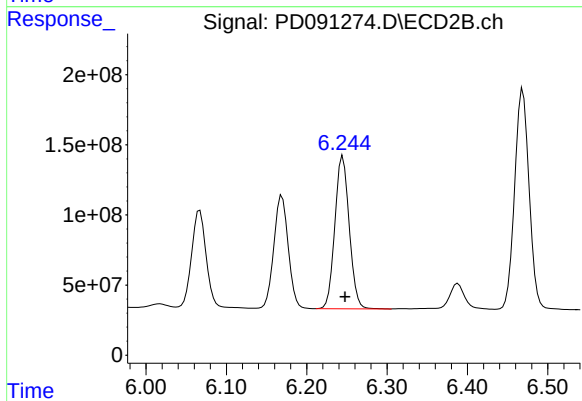
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 1001654158
Conc: 25.60 ng/ml



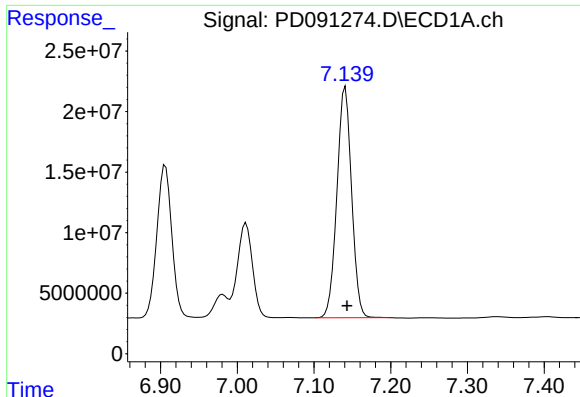
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 171016856
Conc: 41.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 1352193573
Conc: 38.32 ng/ml



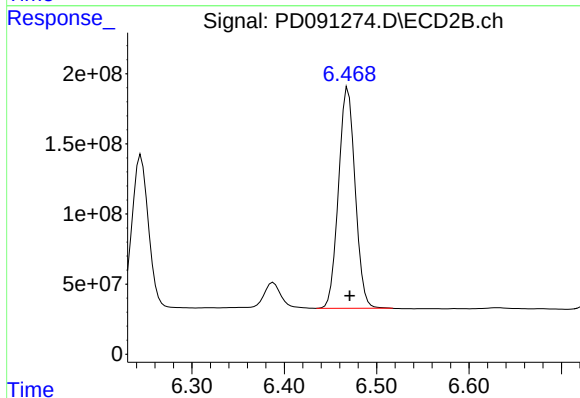
#19 Endosulfan Sulfate

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 253398278
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILD

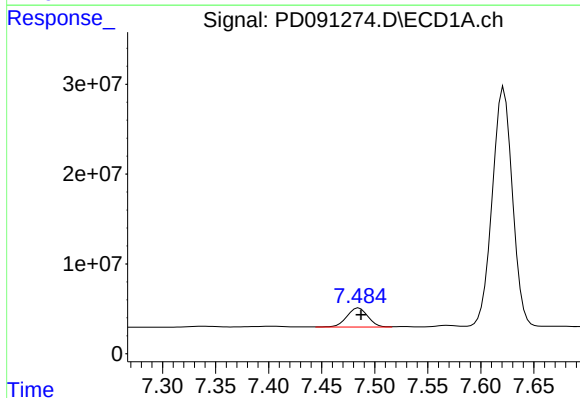
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



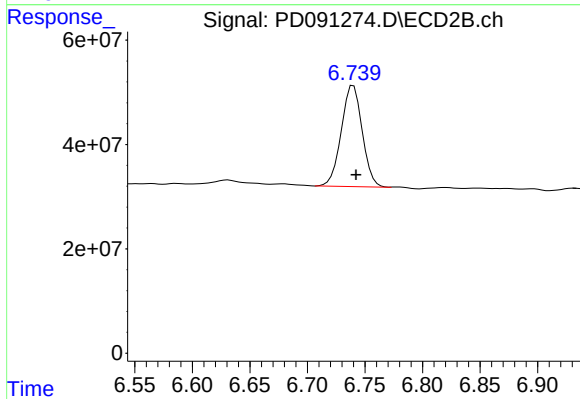
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 1971023902
Conc: 43.96 ng/ml



#20 Methoxychlor

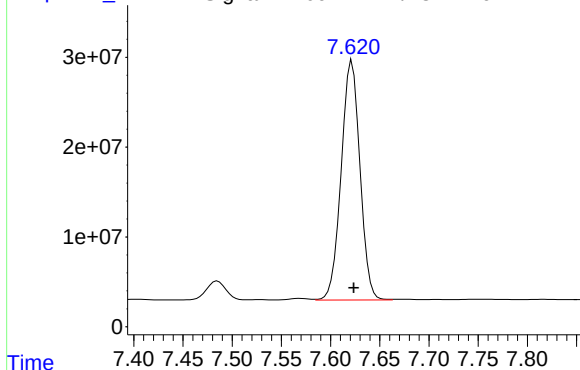
R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 29473405
Conc: 13.56 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 246786320
Conc: 12.31 ng/ml

Response_ Signal: PD091274.D\ECD1A.ch



#21 Endrin ketone

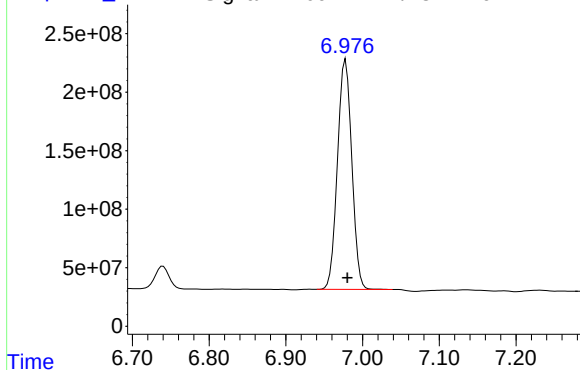
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 354265323
Conc: 62.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

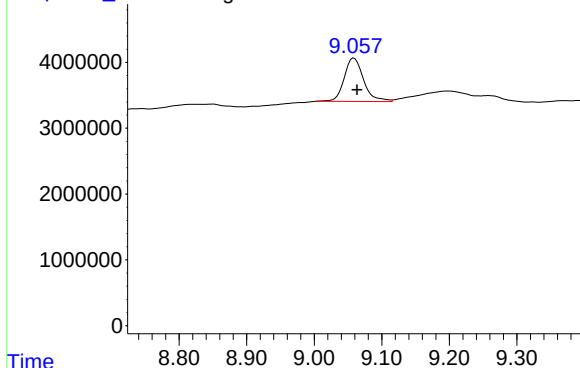
Response_ Signal: PD091274.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 2554617118
Conc: 50.13 ng/ml

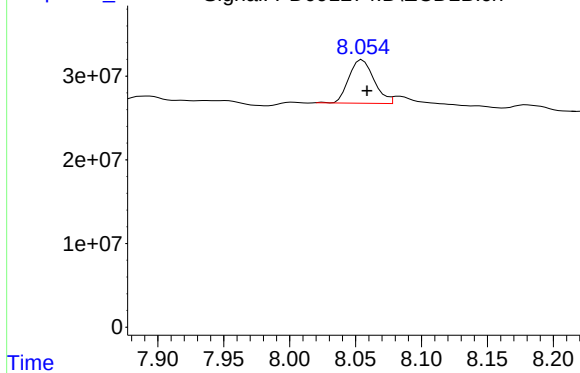
Response_ Signal: PD091274.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 13175973
Conc: 2.64 ng/ml

Response_ Signal: PD091274.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 68886524
Conc: 1.74 ng/ml



CALIBRATION SUMMARY

Calibration Times: **20:56** **21:51**

LAB FILE ID:	RT 100 =	<u>PD091196.D</u>	RT 075 =	<u>PD091197.D</u>
	RT 050 =	PD091198.D	RT 025 =	PD091199.D
			RT 005 =	PD091200.D

[illegible]

Calibration Times: **20:56** **21:51**

LAB FILE ID:	RT 100 =	<u>PD091196.D</u>	RT 075 =	<u>PD091197.D</u>
	RT 050 =	PD091198.D	RT 025 =	PD091199.D
			RT 005 =	PD091200.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03
SDG NO.: Q3483

Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID:		CF 100 =	<u>PD091196.D</u>	CF 075 =	<u>PD091197.D</u>		
CF 050 =	<u>PD091198.D</u>	CF 025 =	<u>PD091199.D</u>	CF 005 =	<u>PD091200.D</u>		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4592720000	4750410000	4706670000	4762630000	5745110000	4911510000	10
4,4'-DDE	5537410000	5724420000	5594750000	5596930000	6543500000	5799400000	7
4,4'-DDT	4033900000	4103640000	4023370000	3973800000	4542840000	4135510000	6
Aldrin	6913630000	7108360000	6994820000	7033330000	8231840000	7256400000	8
alpha-BHC	7991490000	8120730000	7870330000	7613270000	8381750000	7995510000	4
alpha-Chlordane	6168980000	6320470000	6262210000	6530520000	9131880000	6882810000	18
beta-BHC	2584470000	2701070000	2721620000	2850470000	3669860000	2905500000	15
Decachlorobiphenyl	4266550000	4520270000	4633000000	4951710000	6537810000	4981870000	18
delta-BHC	7343040000	7477970000	7279360000	7082560000	7977500000	7432080000	5
Dieldrin	6112350000	6323390000	6220240000	6264150000	7404460000	6464920000	8
Endosulfan I	5622190000	5847020000	5809210000	5991120000	7445430000	6142990000	12
Endosulfan II	5022110000	5221970000	5253890000	5419940000	6878740000	5559330000	14
Endosulfan sulfate	4635330000	4824080000	4867360000	5023730000	6373440000	5144790000	14
Endrin	4763010000	4861760000	4775160000	4762720000	5654790000	4963490000	8
Endrin aldehyde	3642590000	3820110000	3882150000	4087850000	5397480000	4166040000	17
Endrin ketone	5131250000	5317460000	5324710000	5507230000	6887120000	5633560000	13
gamma-BHC (Lindane)	7349570000	7492470000	7318000000	7162850000	8041460000	7472870000	5
gamma-Chlordane	6123460000	6343120000	6211230000	6313670000	7512390000	6500770000	9
Heptachlor	6873030000	7051630000	6922840000	6902860000	8058350000	7161740000	7
Heptachlor epoxide	6045880000	6198590000	6197710000	6327850000	7713630000	6496730000	11
Methoxychlor	1967810000	2033910000	2048060000	2143440000	2678460000	2174340000	13
Mirex	3028840000	3191280000	3284080000	3546030000	4734970000	3557040000	19
Tetrachloro-m-xylene	3100550000	3224630000	3262160000	3454950000	4200860000	3448630000	13



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ALLI03
SDG NO.: Q3483

Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID:		CF 100 =	<u>PD091196.D</u>	CF 075 =	<u>PD091197.D</u>		
CF 050 =		<u>PD091198.D</u>	CF 025 =	<u>PD091199.D</u>	CF 005 =	<u>PD091200.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	42169800000	44652200000	46098100000	48914200000	62508300000	48868500000	16
4,4'-DDE	46784900000	49153600000	50413800000	53041500000	67816900000	53442100000	16
4,4'-DDT	36565400000	37844700000	38225900000	38748200000	44278500000	39132500000	8
Aldrin	49756900000	52224800000	53642000000	56183400000	70485000000	56458400000	14
alpha-BHC	57081100000	59401300000	60005600000	62092800000	77433200000	63202800000	13
alpha-Chlordane	46162300000	48496400000	49694800000	52042000000	65261400000	52331400000	14
beta-BHC	20855800000	21963600000	22629700000	23880400000	30805800000	24027100000	16
Decachlorobiphenyl	35391500000	36530600000	37125400000	38755300000	50071600000	39574900000	15
delta-BHC	51951800000	54520500000	55333700000	57523500000	73056200000	58477100000	14
Dieldrin	47342900000	49974500000	51581700000	54390600000	68265900000	54311100000	15
Endosulfan I	41219300000	43810000000	45334200000	48114600000	60781000000	47851800000	16
Endosulfan II	40233600000	42630400000	44155200000	46739900000	59639900000	46679800000	16
Endosulfan sulfate	38807500000	40991800000	42555300000	44718700000	57101400000	44834900000	16
Endrin	39723100000	41747800000	43010100000	44994600000	56487600000	45192700000	15
Endrin aldehyde	29904600000	31738200000	33159100000	35293100000	46350200000	35289100000	18
Endrin ketone	43743400000	46381200000	48213200000	51142400000	65299300000	50955900000	17
gamma-BHC (Lindane)	52036700000	54159800000	54955200000	56993600000	70961400000	57821300000	13
gamma-Chlordane	48541600000	50822000000	51970500000	54222400000	67580500000	54627400000	14
Heptachlor	48452800000	51096600000	52341200000	55061200000	69095300000	55209400000	15
Heptachlor epoxide	43794700000	46344600000	48042100000	50883900000	65728100000	50958700000	17
Methoxychlor	17875100000	18763500000	19368600000	20213700000	24036200000	20051400000	12
Mirex	28591700000	30079900000	31140600000	33169500000	42718000000	33140000000	17
Tetrachloro-m-xylene	32274400000	33875900000	34577100000	36418900000	46004800000	36630200000	15



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 20:56
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:13:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:12:56 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	310.1E6	3227.4E6	95.046	93.341
28)	SA Decachlor...	9.063	8.059	426.7E6	3539.1E6	92.090	95.330
Target Compounds							
2)	A alpha-BHC	3.993	3.385	799.1E6	5708.1E6	101.539	95.126
3)	MA gamma-BHC...	4.324	3.721	735.0E6	5203.7E6	100.431	94.689
4)	MA Heptachlor	4.921	4.073	687.3E6	4845.3E6	99.281	92.571
5)	MB Aldrin	5.262	4.358	691.4E6	4975.7E6	98.839	92.757
6)	B beta-BHC	4.511	4.017	258.4E6	2085.6E6	94.961	92.161
7)	B delta-BHC	4.759	4.253	734.3E6	5195.2E6	100.875	93.888
8)	B Heptachlo...	5.683	4.862	604.6E6	4379.5E6	97.550	91.159
9)	A Endosulfan I	6.066	5.236	562.2E6	4121.9E6	96.781	90.923
10)	B gamma-Chl...	5.938	5.114	612.3E6	4854.2E6	98.587	93.402
11)	B alpha-Chl...	6.019	5.179	616.9E6	4616.2E6	98.511	92.892
12)	B 4,4'-DDE	6.189	5.363	553.7E6	4678.5E6	98.975	92.802
13)	MA Dieldrin	6.339	5.501	611.2E6	4734.3E6	98.265	91.782
14)	MA Endrin	6.566	5.778	476.3E6	3972.3E6	99.746	92.358
15)	B Endosulfa...	6.779	6.069	502.2E6	4023.4E6	95.589	91.118
16)	A 4,4'-DDD	6.699	5.918	459.3E6	4217.0E6	97.579	91.478
17)	MA 4,4'-DDT	7.014	6.171	403.4E6	3656.5E6	100.262	95.656
18)	B Endrin al...	6.908	6.248	364.3E6	2990.5E6	93.829	90.185
19)	B Endosulfa...	7.143	6.471	463.5E6	3880.7E6	95.233	91.193
20)	A Methoxychlor	7.487	6.742	196.8E6	1787.5E6	96.081	92.289
21)	B Endrin ke...	7.624	6.980	513.1E6	4374.3E6	96.367	90.729
22)	Mirex	8.106	7.172	302.9E6	2859.2E6	92.228	91.815

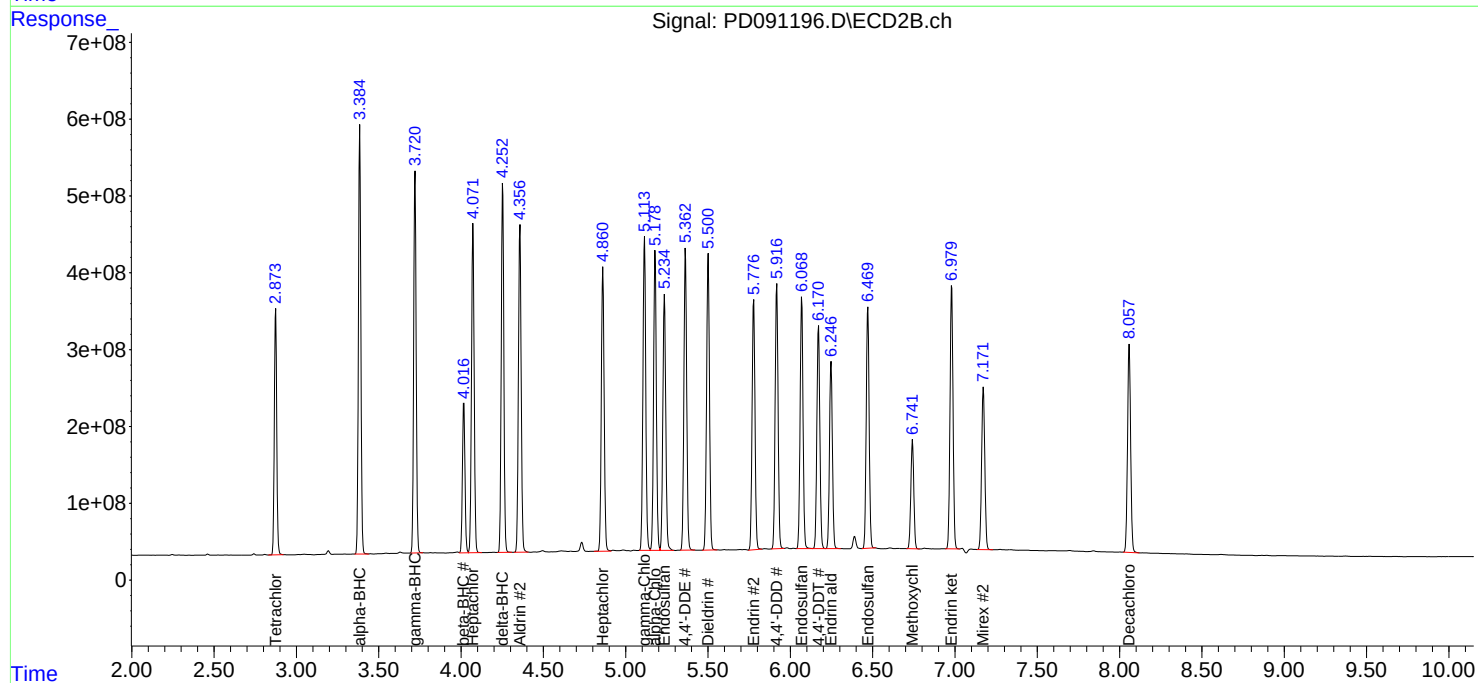
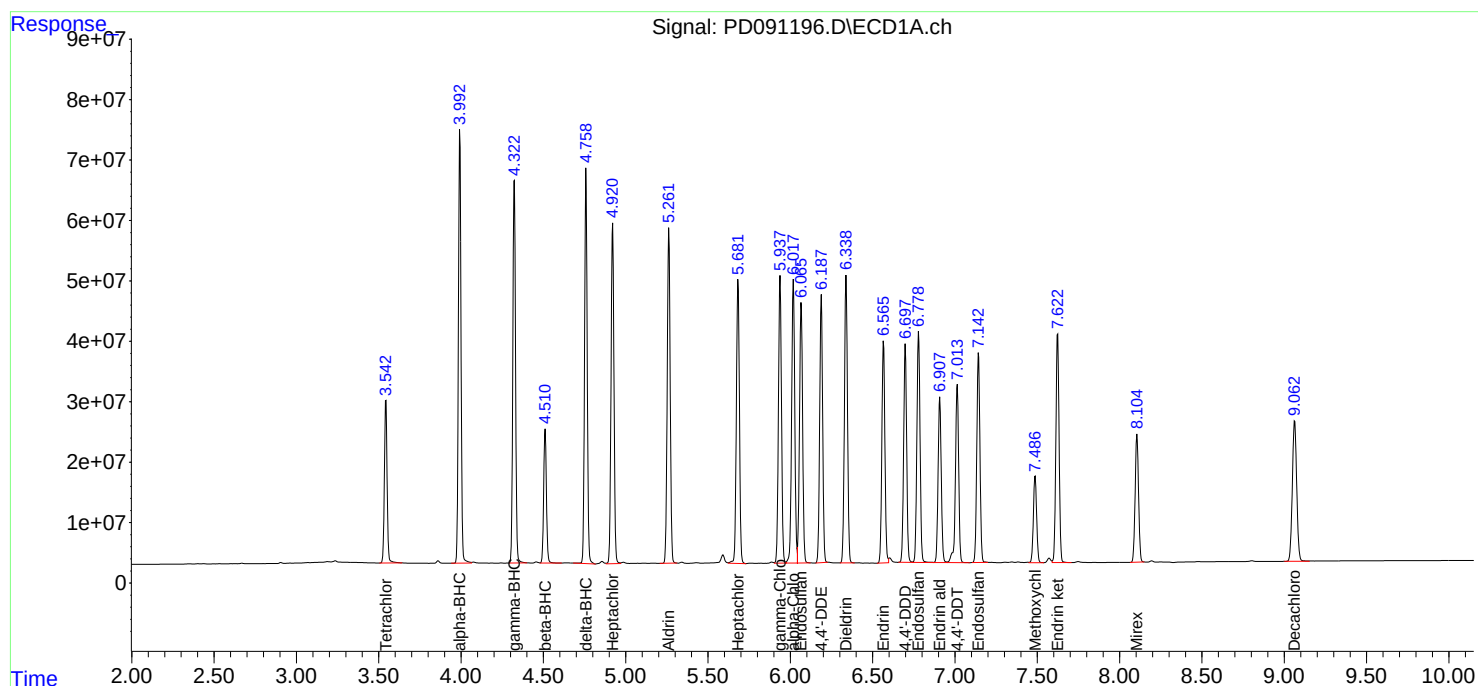
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

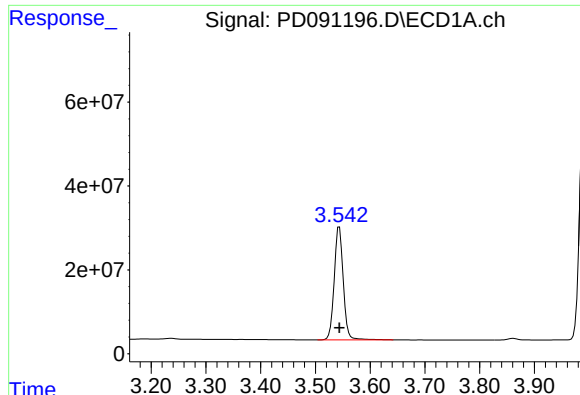
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:56
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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

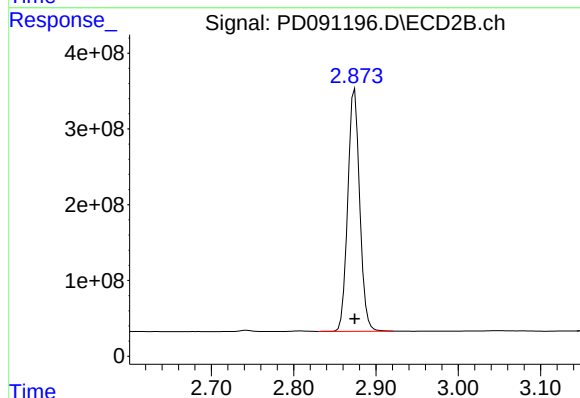




#1 Tetrachloro-m-xylene

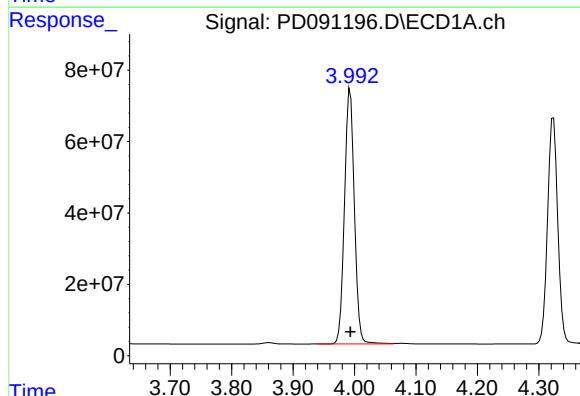
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 310054682
Conc: 95.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



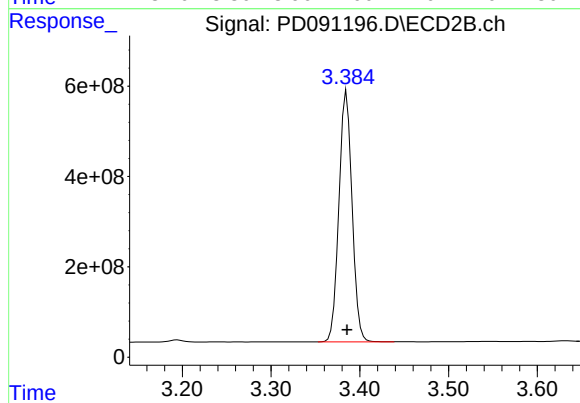
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 3227443903
Conc: 93.34 ng/ml



#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 799148834
Conc: 101.54 ng/ml



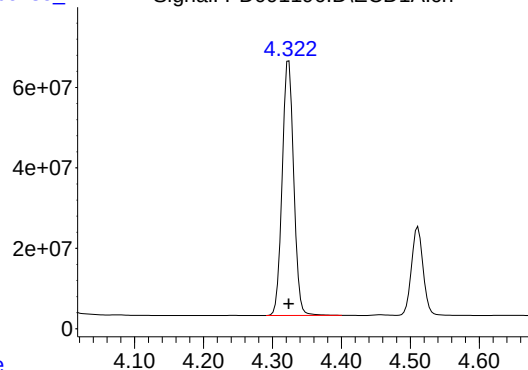
#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 5708109059
Conc: 95.13 ng/ml

Response_

Signal: PD091196.D\ECD1A.ch

#3 gamma-BHC (Lindane)



R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 734957285
Conc: 100.43 ng/ml

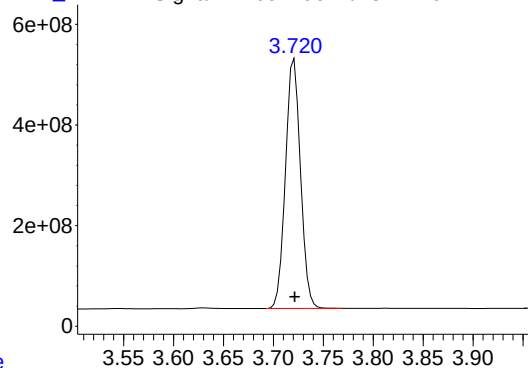
Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_

Signal: PD091196.D\ECD2B.ch

#3 gamma-BHC (Lindane)



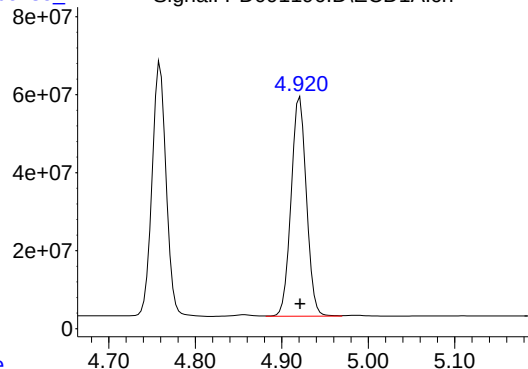
R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 5203669856
Conc: 94.69 ng/ml

Time

Response_

Signal: PD091196.D\ECD1A.ch

#4 Heptachlor



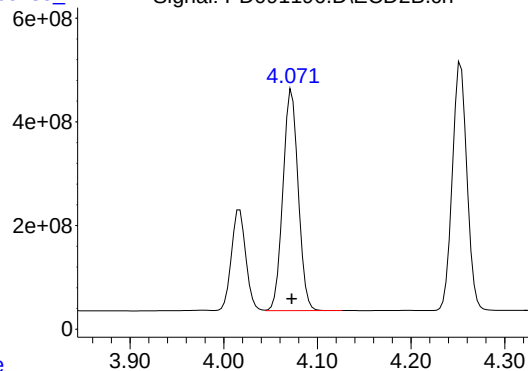
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 687303481
Conc: 99.28 ng/ml

Time

Response_

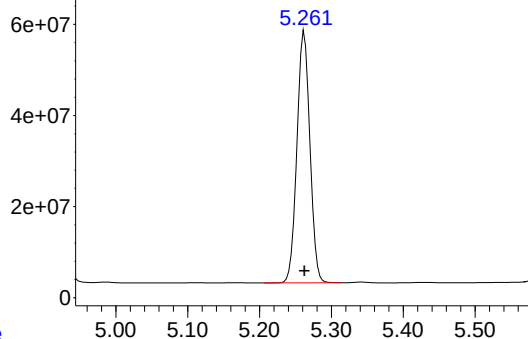
Signal: PD091196.D\ECD2B.ch

#4 Heptachlor



R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 4845283940
Conc: 92.57 ng/ml

Time



R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 691363434
Conc: 98.84 ng/ml

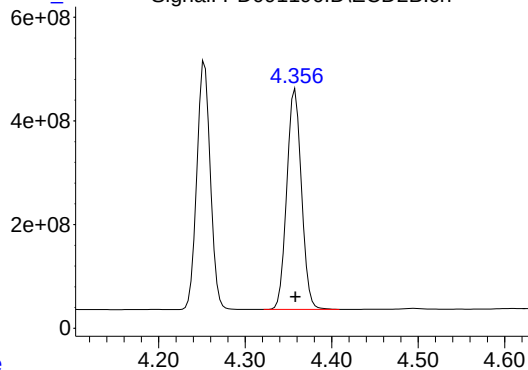
Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_

Signal: PD091196.D\ECD2B.ch

#5 Aldrin



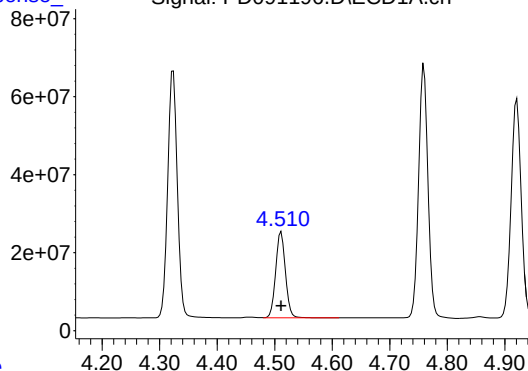
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 4975690588
Conc: 92.76 ng/ml

Time

Response_

Signal: PD091196.D\ECD1A.ch

#6 beta-BHC



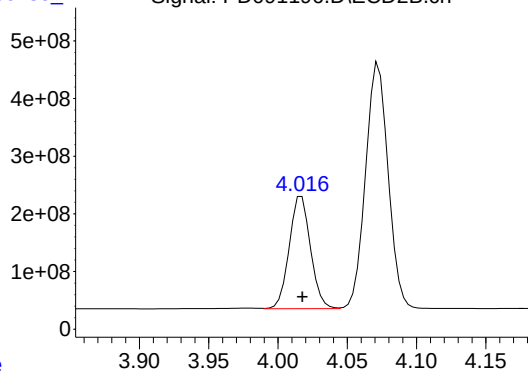
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 258447135
Conc: 94.96 ng/ml

Time

Response_

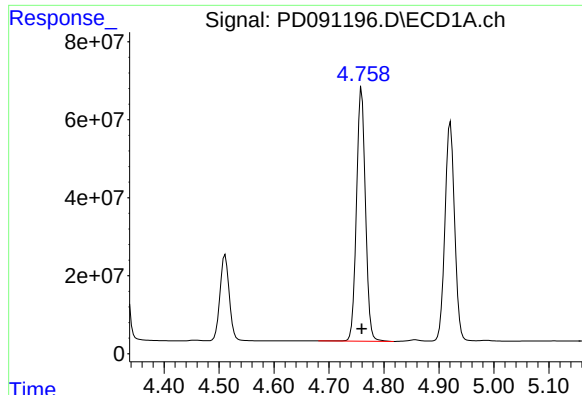
Signal: PD091196.D\ECD2B.ch

#6 beta-BHC



R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2085575638
Conc: 92.16 ng/ml

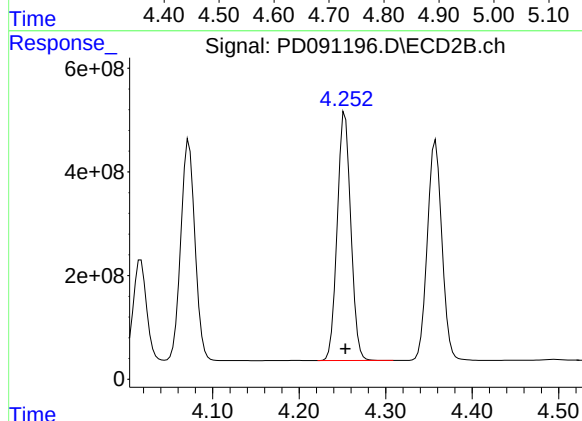
Time



#7 delta-BHC

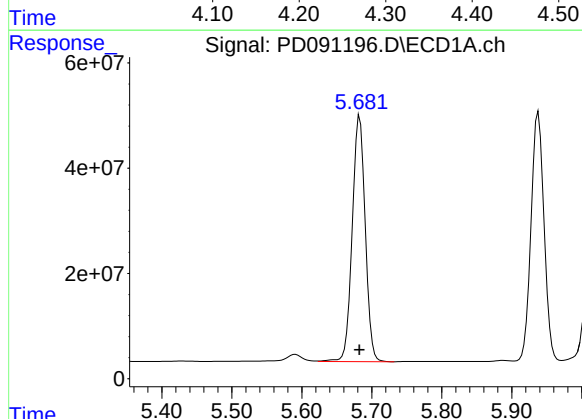
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 734303723
Conc: 100.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



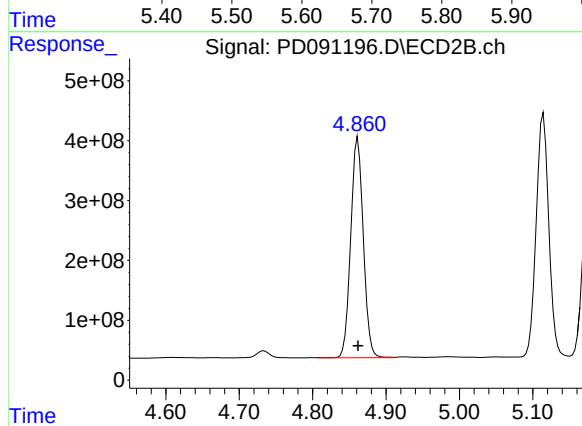
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 5195180384
Conc: 93.89 ng/ml



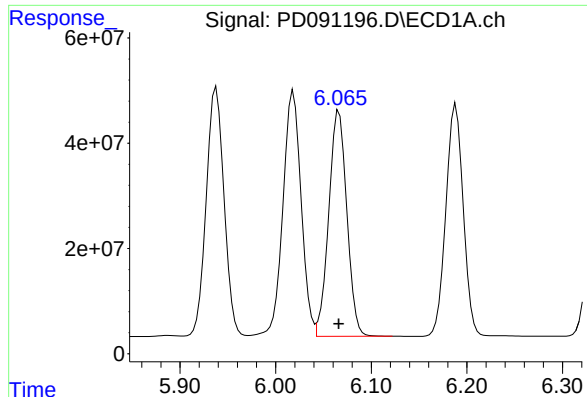
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 604588336
Conc: 97.55 ng/ml



#8 Heptachlor epoxide

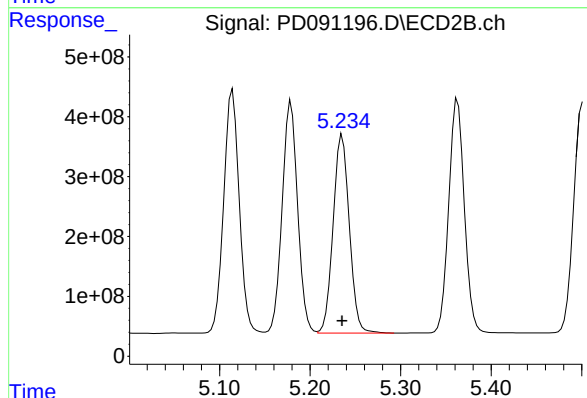
R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 4379470501
Conc: 91.16 ng/ml



#9 Endosulfan I

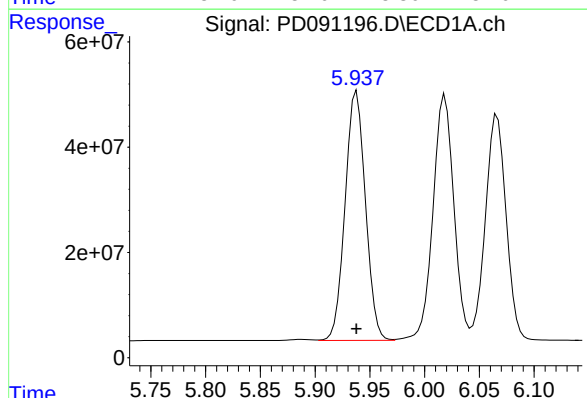
R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 562218531
Conc: 96.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



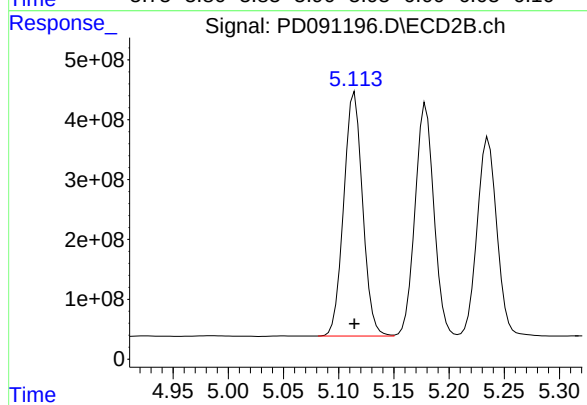
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 4121929933
Conc: 90.92 ng/ml



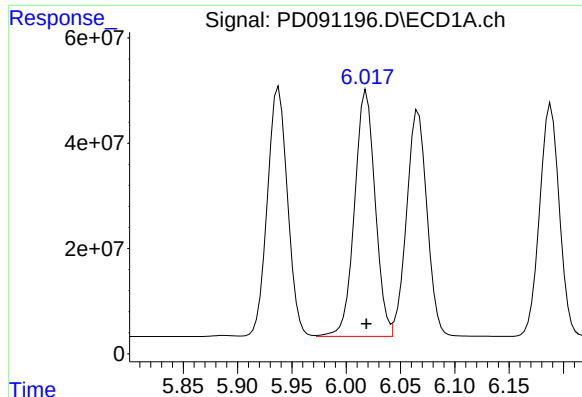
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 612346016
Conc: 98.59 ng/ml



#10 gamma-Chlordane

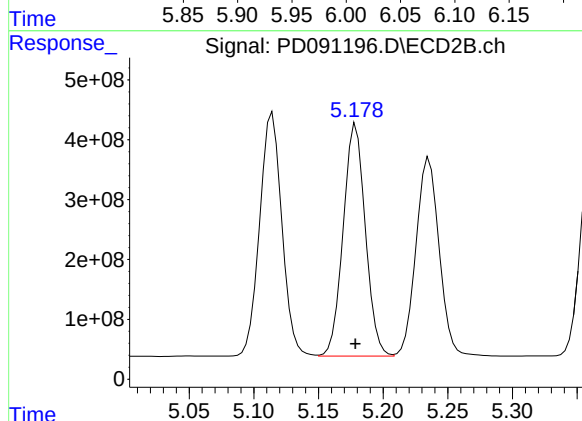
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 4854158256
Conc: 93.40 ng/ml



#11 alpha-Chlordane

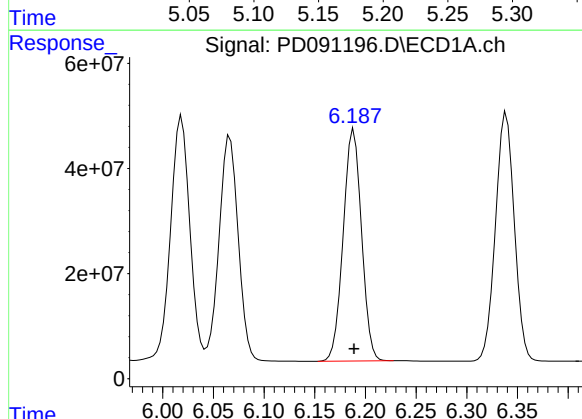
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 616898022
Conc: 98.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



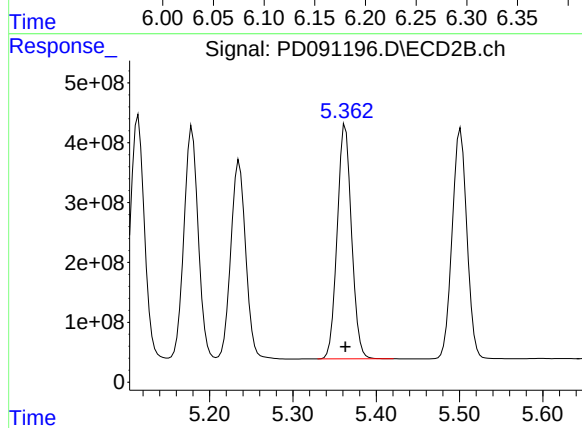
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 4616232594
Conc: 92.89 ng/ml



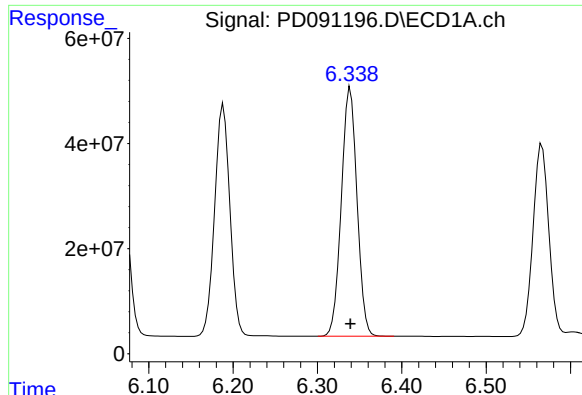
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 553741247
Conc: 98.98 ng/ml



#12 4,4'-DDE

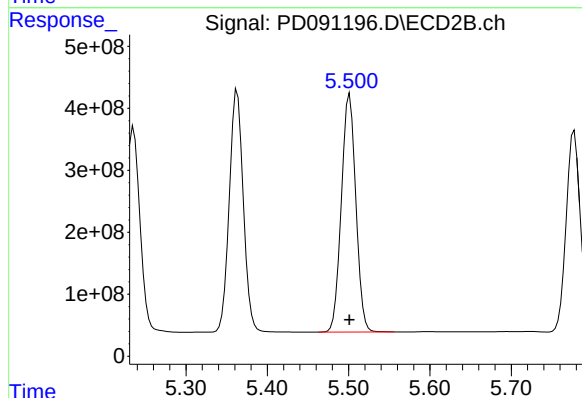
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 4678489717
Conc: 92.80 ng/ml



#13 Dieldrin

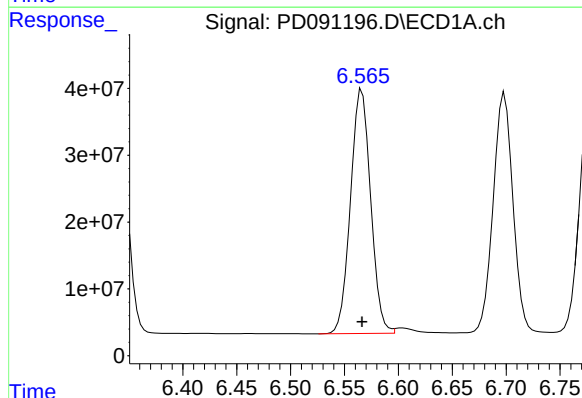
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 611234672
Conc: 98.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



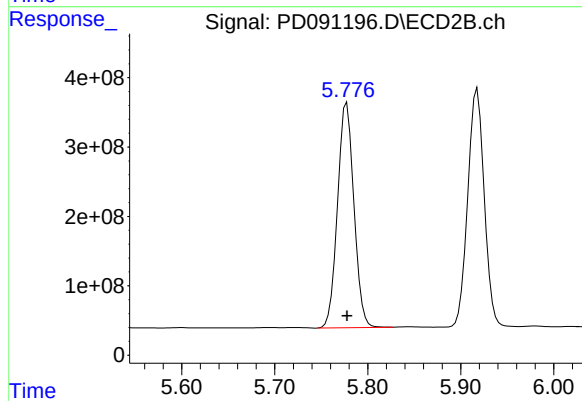
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 4734286564
Conc: 91.78 ng/ml



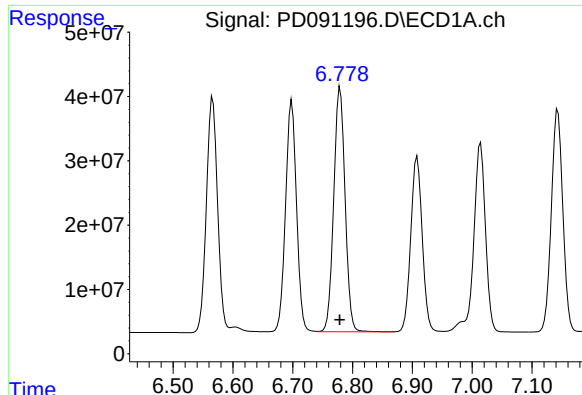
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 476300531
Conc: 99.75 ng/ml



#14 Endrin

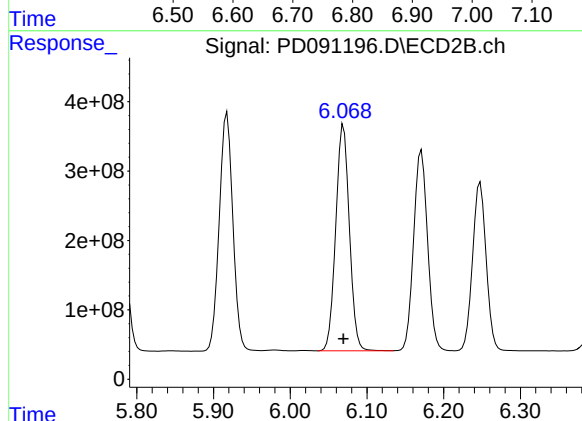
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 3972310589
Conc: 92.36 ng/ml



#15 Endosulfan II

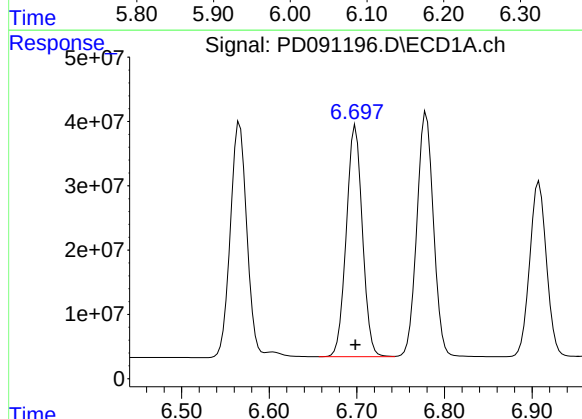
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 502211137
Conc: 95.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



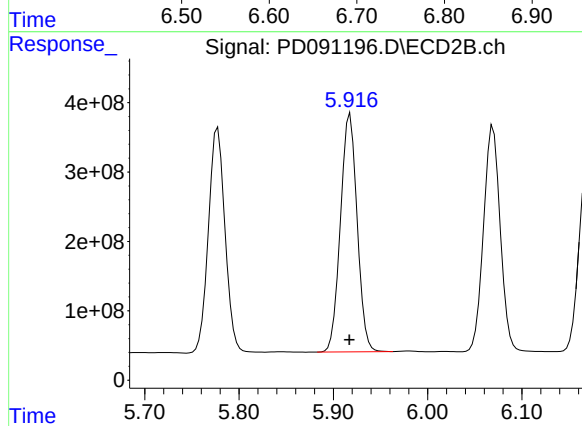
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 4023358163
Conc: 91.12 ng/ml



#16 4,4'-DDD

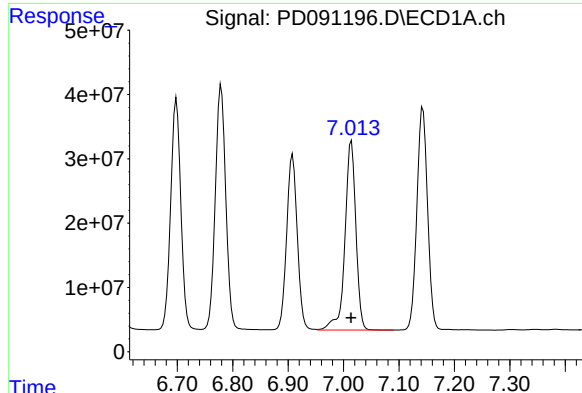
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 459272121
Conc: 97.58 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 4216976800
Conc: 91.48 ng/ml

Response



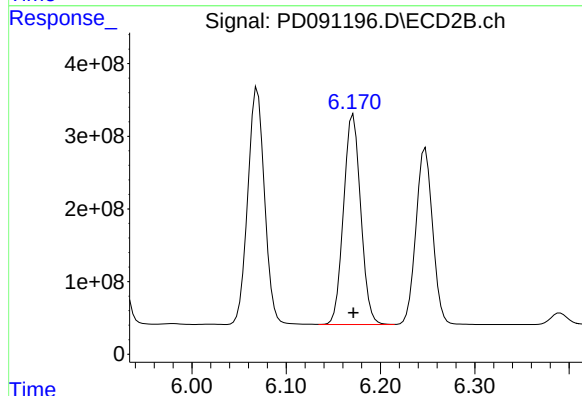
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 403389724
Conc: 100.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_

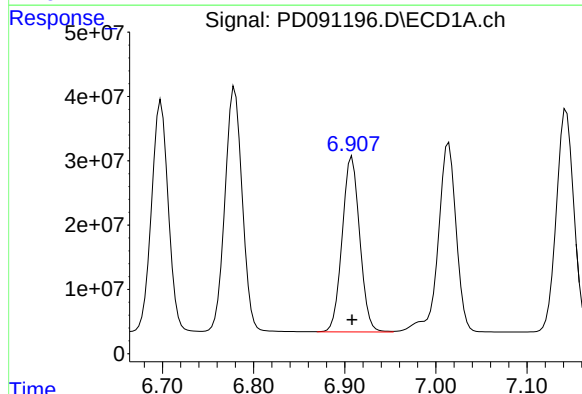


#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 3656541643
Conc: 95.66 ng/ml

Time

Response

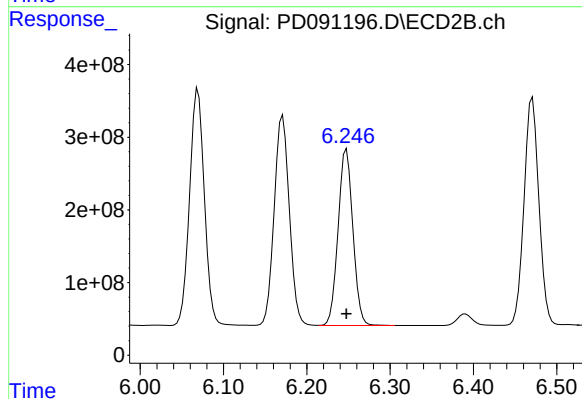


#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 364259201
Conc: 93.83 ng/ml

Time

Response_



#18 Endrin aldehyde

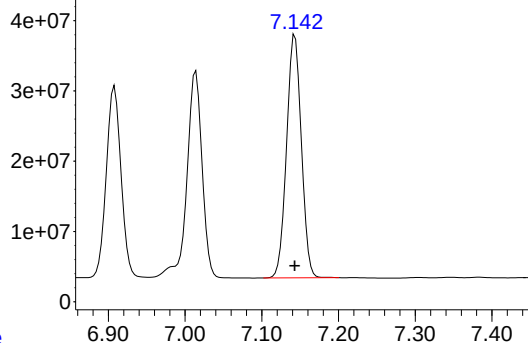
R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 2990460687
Conc: 90.19 ng/ml

Response_

Signal: PD091196.D\ECD1A.ch

#19 Endosulfan Sulfate

ICAL Form



R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 463532614
Conc: 95.23 ng/ml

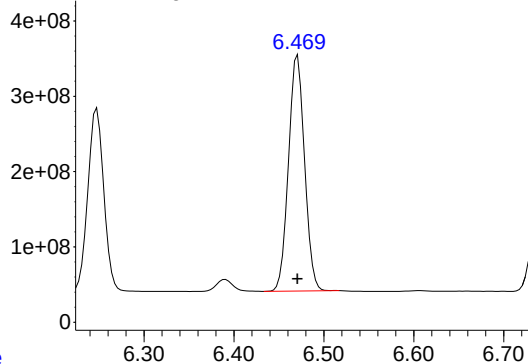
Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Time

Response_

Signal: PD091196.D\ECD2B.ch

#19 Endosulfan Sulfate



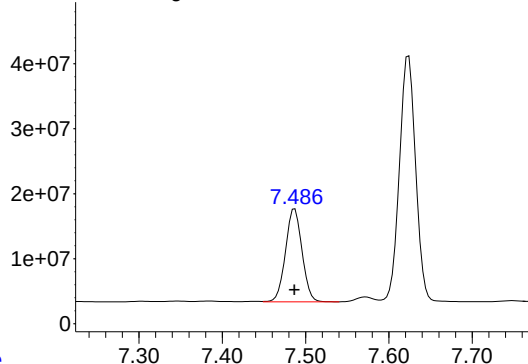
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 3880749830
Conc: 91.19 ng/ml

Time

Response_

Signal: PD091196.D\ECD1A.ch

#20 Methoxychlor



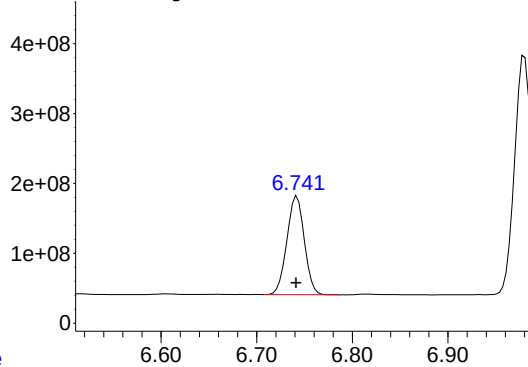
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 196780624
Conc: 96.08 ng/ml

Time

Response_

Signal: PD091196.D\ECD2B.ch

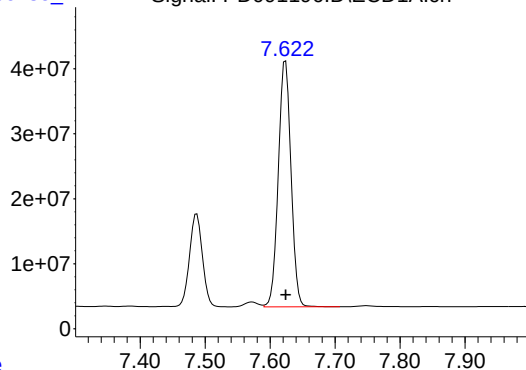
#20 Methoxychlor



R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 1787512359
Conc: 92.29 ng/ml

Time

Response_ Signal: PD091196.D\ECD1A.ch

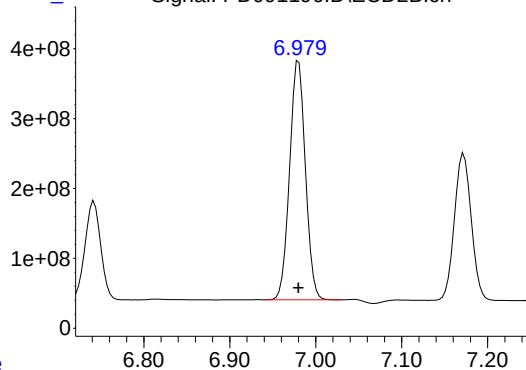


#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 513125474
Conc: 96.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

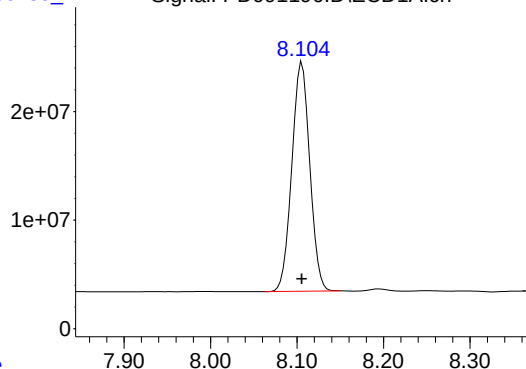
Time Response_ Signal: PD091196.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 4374343509
Conc: 90.73 ng/ml

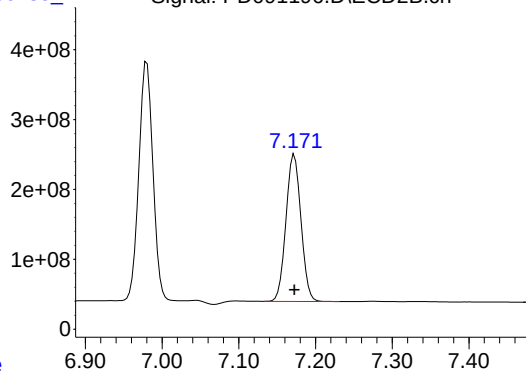
Time Response_ Signal: PD091196.D\ECD1A.ch



#22 Mirex

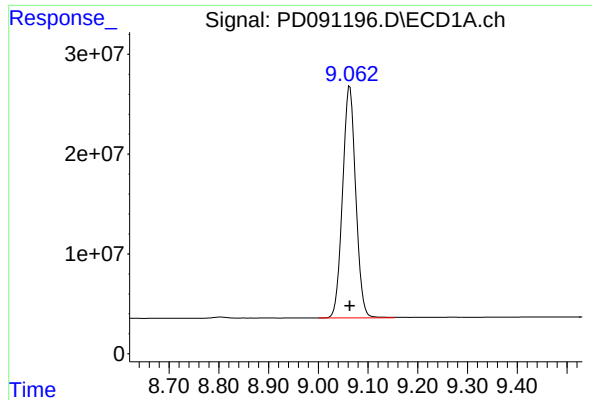
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 302884167
Conc: 92.23 ng/ml

Time Response_ Signal: PD091196.D\ECD2B.ch



#22 Mirex

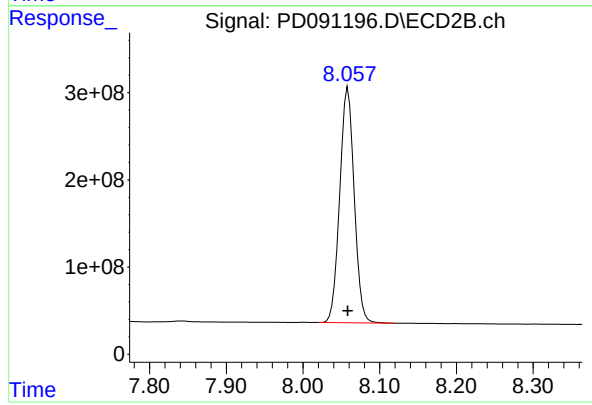
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 2859166308
Conc: 91.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 426654925
Conc: 92.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 3539149339
Conc: 95.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 21:10
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:14:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:12:56 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	241.8E6	2540.7E6	74.137	73.479
28)	SA Decachlor...	9.064	8.059	339.0E6	2739.8E6	73.175	73.798
Target Compounds							
2)	A alpha-BHC	3.993	3.385	609.1E6	4455.1E6	77.386	74.245
3)	MA gamma-BHC...	4.324	3.721	561.9E6	4062.0E6	76.788	73.915
4)	MA Heptachlor	4.921	4.073	528.9E6	3832.2E6	76.395	73.217
5)	MB Aldrin	5.263	4.358	533.1E6	3916.9E6	76.217	73.019
6)	B beta-BHC	4.511	4.017	202.6E6	1647.3E6	74.433	72.793
7)	B delta-BHC	4.760	4.253	560.8E6	4089.0E6	77.046	73.898
8)	B Heptachlo...	5.683	4.862	464.9E6	3475.8E6	75.011	72.350
9)	A Endosulfan I	6.067	5.236	438.5E6	3285.7E6	75.488	72.478
10)	B gamma-Chl...	5.939	5.114	475.7E6	3811.6E6	76.593	73.343
11)	B alpha-Chl...	6.019	5.179	474.0E6	3637.2E6	75.698	73.191
12)	B 4,4'-DDE	6.189	5.364	429.3E6	3686.5E6	76.738	73.125
13)	MA Dieldrin	6.339	5.501	474.3E6	3748.1E6	76.244	72.663
14)	MA Endrin	6.567	5.778	364.6E6	3131.1E6	76.360	72.799
15)	B Endosulfa...	6.780	6.070	391.6E6	3197.3E6	74.544	72.410
16)	A 4,4'-DDD	6.699	5.918	356.3E6	3348.9E6	75.697	72.648
17)	MA 4,4'-DDT	7.015	6.172	307.8E6	2838.4E6	76.496	74.252
18)	B Endrin al...	6.909	6.248	286.5E6	2380.4E6	73.801	71.786
19)	B Endosulfa...	7.144	6.472	361.8E6	3074.4E6	74.333	72.245
20)	A Methoxychlor	7.488	6.742	152.5E6	1407.3E6	74.482	72.657
21)	B Endrin ke...	7.625	6.980	398.8E6	3478.6E6	74.898	72.150
22)	Mirex	8.107	7.173	239.3E6	2256.0E6	72.881	72.445

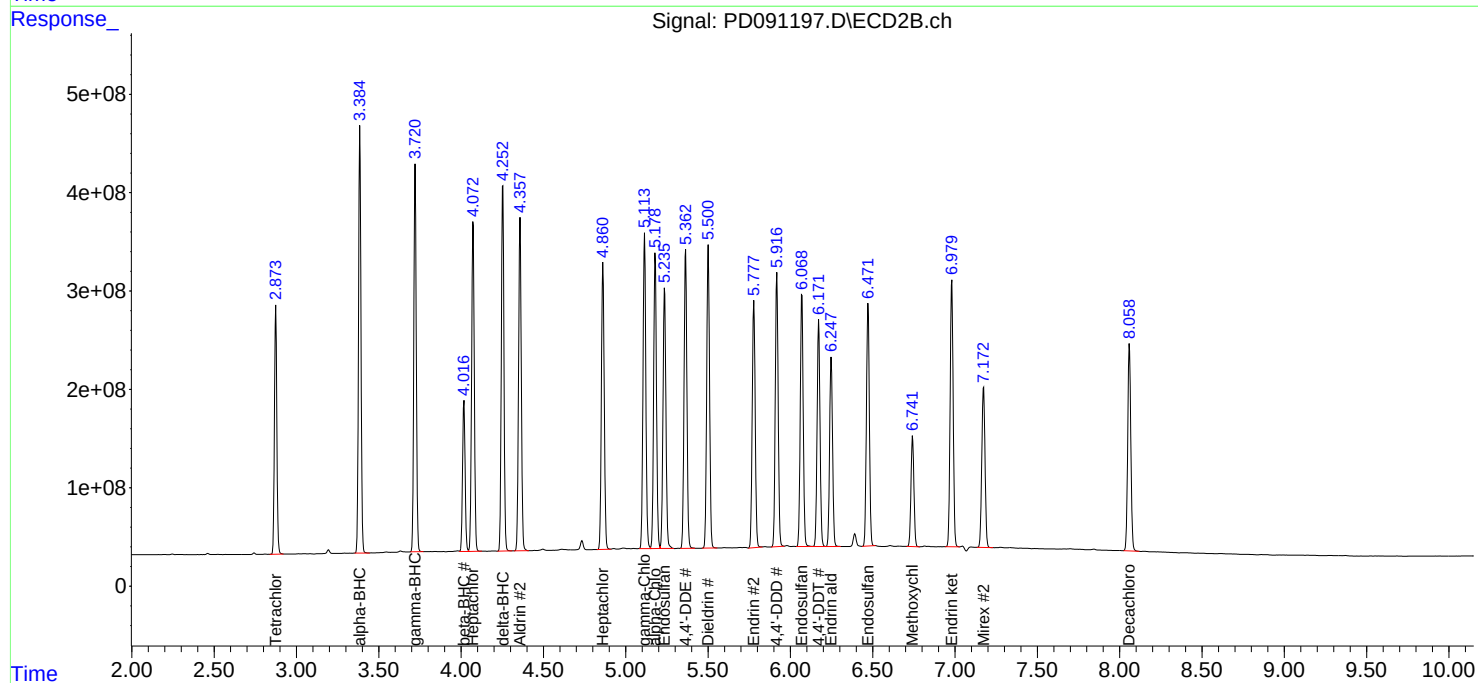
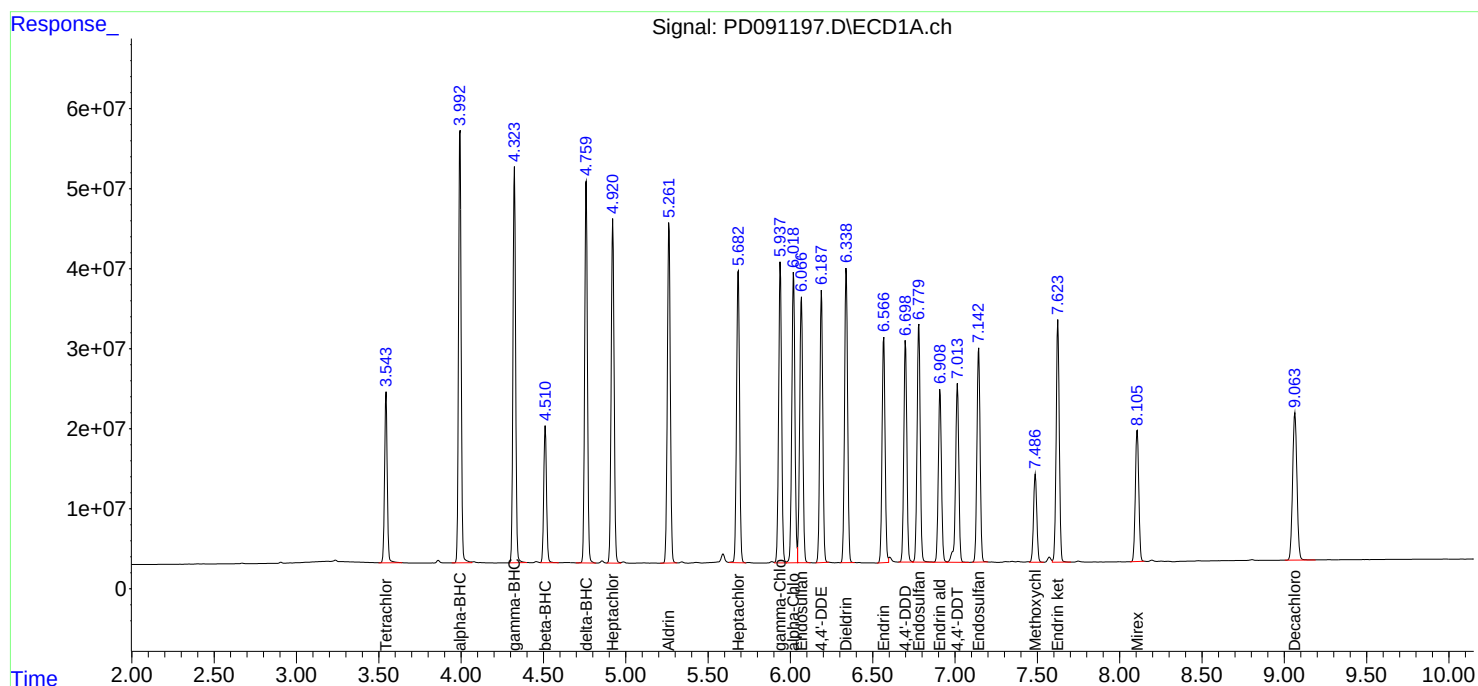
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

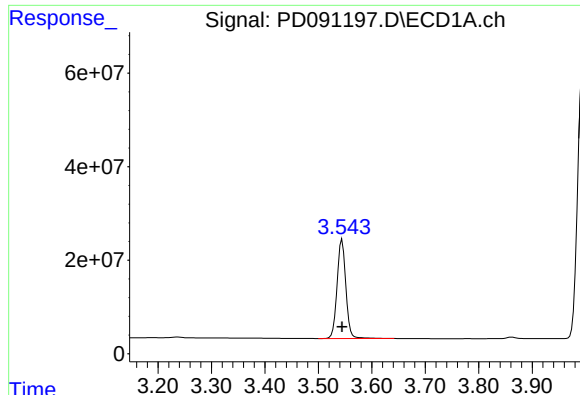
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:10
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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

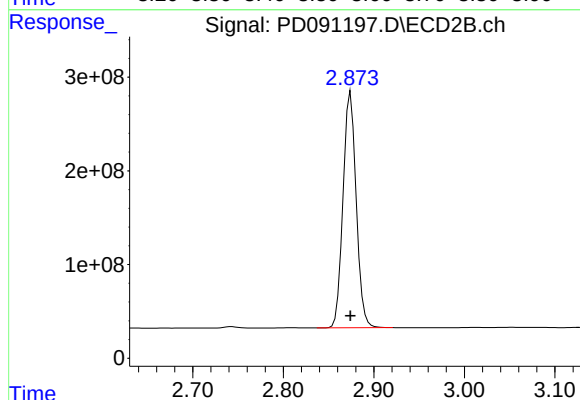




#1 Tetrachloro-m-xylene

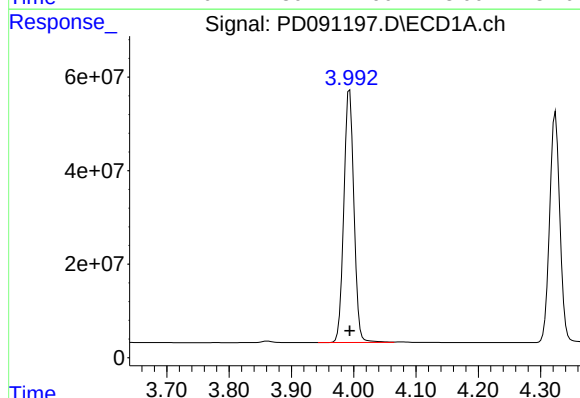
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 241846996
Conc: 74.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



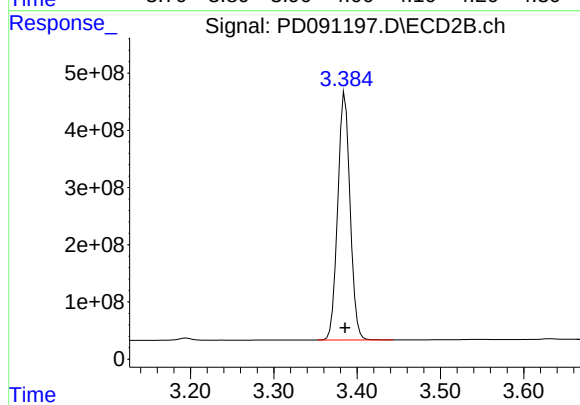
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 2540691597
Conc: 73.48 ng/ml



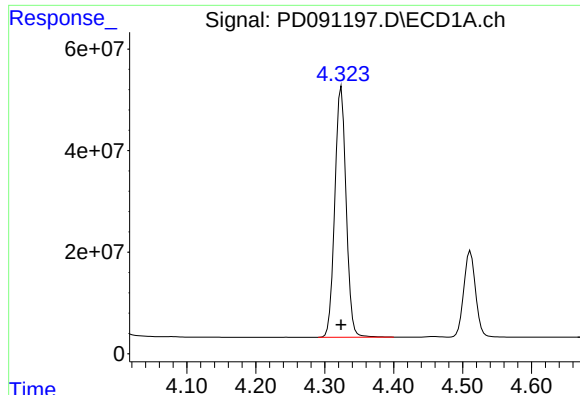
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 609054404
Conc: 77.39 ng/ml



#2 alpha-BHC

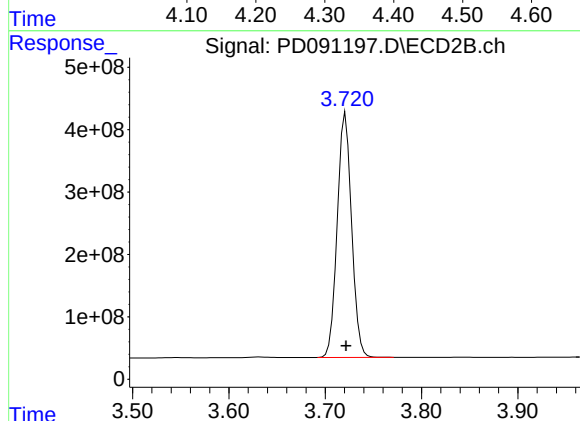
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 4455100110
Conc: 74.24 ng/ml



#3 gamma-BHC (Lindane)

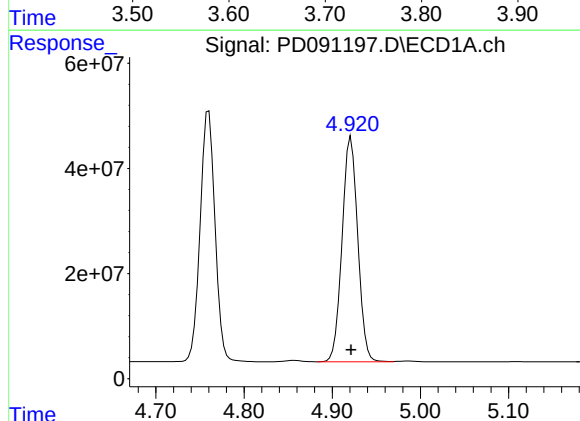
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 561935561
Conc: 76.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



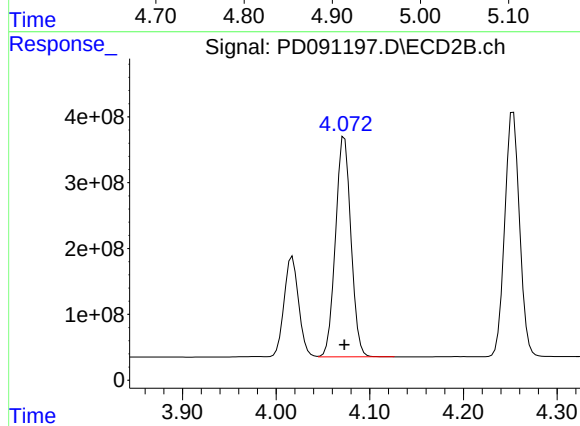
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 4061986058
Conc: 73.91 ng/ml



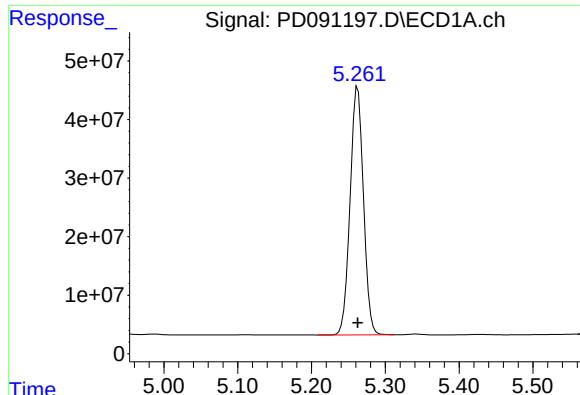
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 528872461
Conc: 76.40 ng/ml



#4 Heptachlor

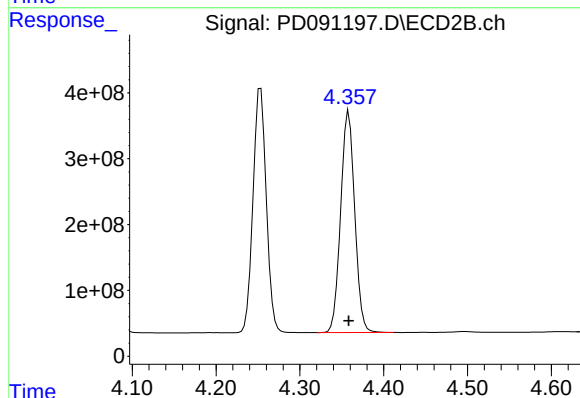
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 3832248113
Conc: 73.22 ng/ml



#5 Aldrin

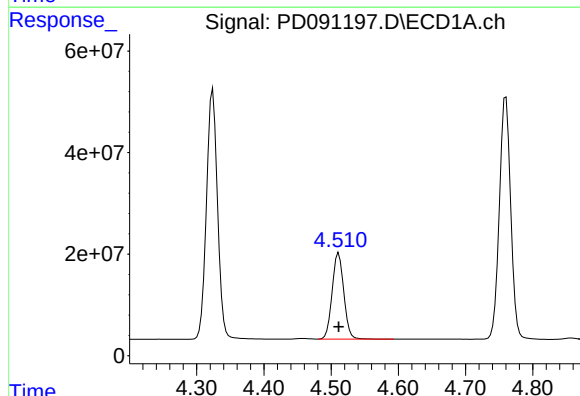
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 533127047
Conc: 76.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



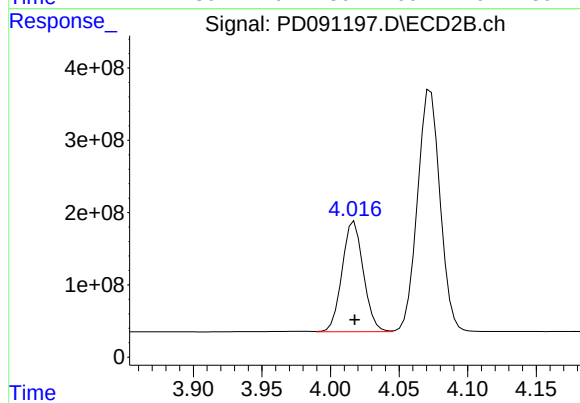
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 3916862567
Conc: 73.02 ng/ml



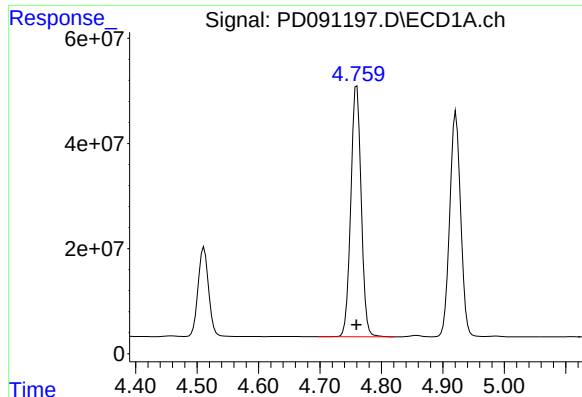
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 202579948
Conc: 74.43 ng/ml



#6 beta-BHC

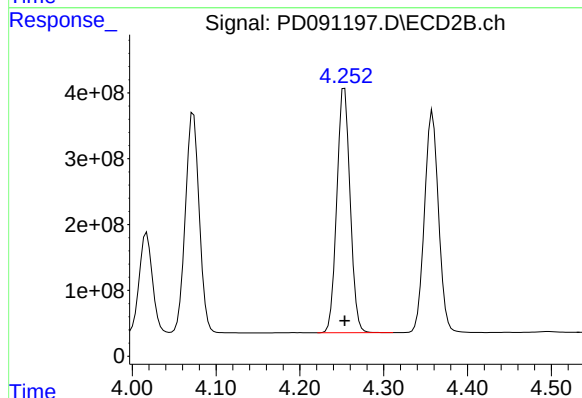
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 1647272832
Conc: 72.79 ng/ml



#7 delta-BHC

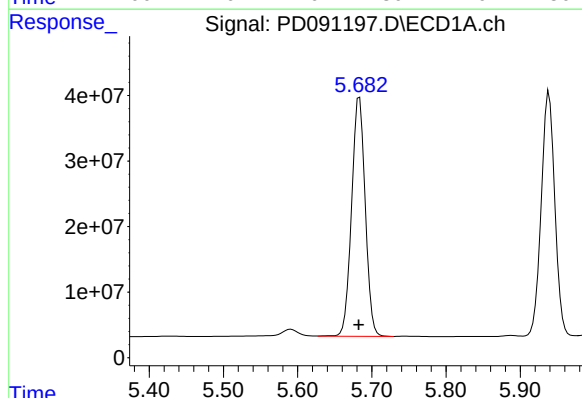
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 560847522
Conc: 77.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



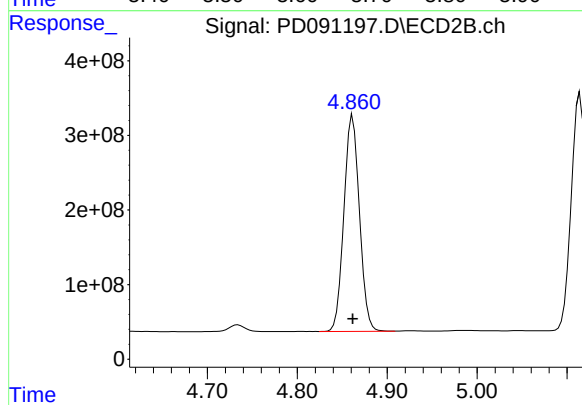
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 4089038046
Conc: 73.90 ng/ml



#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 464894534
Conc: 75.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 3475841647
Conc: 72.35 ng/ml

Response_

Signal: PD091197.D\ECD1A.ch

#9 Endosulfan I

R.T.: 6.067 min

Delta R.T.: 0.001 min

Response: 438526215

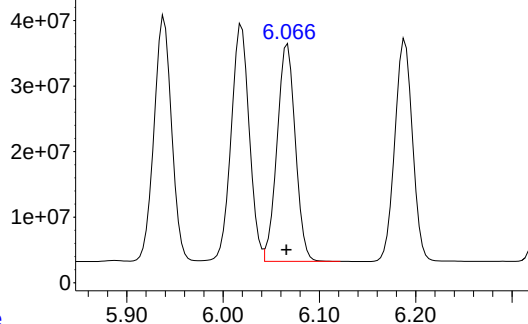
Conc: 75.49 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDICC075



Time

Response_

Signal: PD091197.D\ECD2B.ch

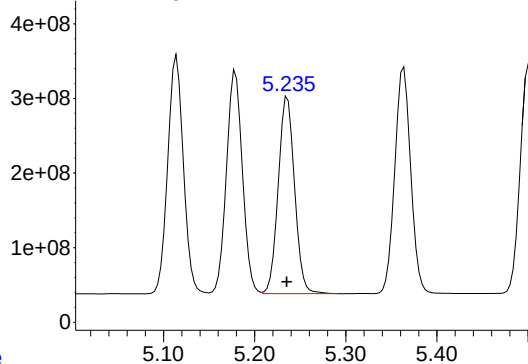
#9 Endosulfan I

R.T.: 5.236 min

Delta R.T.: 0.000 min

Response: 3285748534

Conc: 72.48 ng/ml



Time

Response_

Signal: PD091197.D\ECD1A.ch

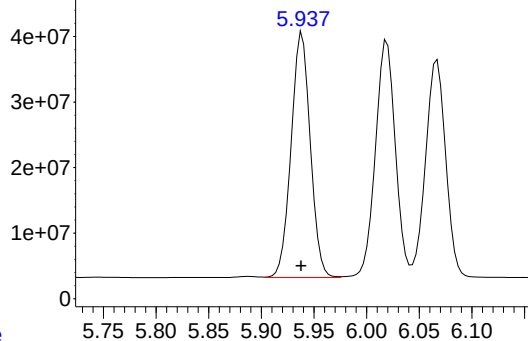
#10 gamma-Chlordane

R.T.: 5.939 min

Delta R.T.: 0.000 min

Response: 475733799

Conc: 76.59 ng/ml



Time

Response_

Signal: PD091197.D\ECD2B.ch

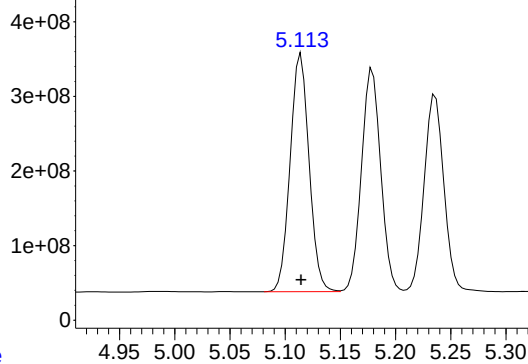
#10 gamma-Chlordane

R.T.: 5.114 min

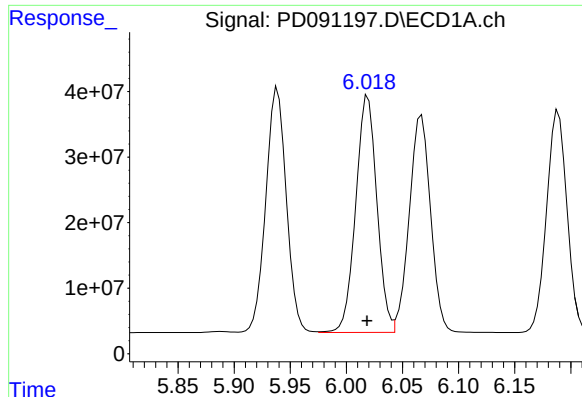
Delta R.T.: 0.000 min

Response: 3811649481

Conc: 73.34 ng/ml



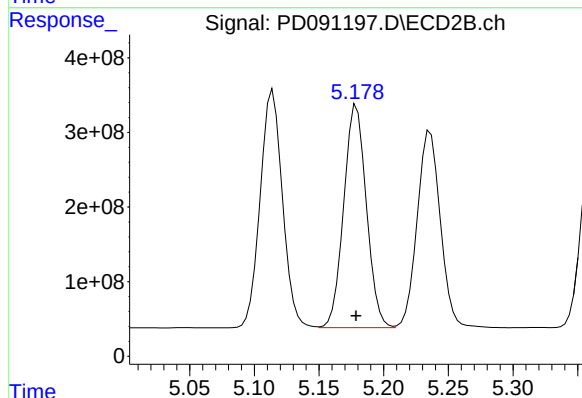
Time



#11 alpha-Chlordane

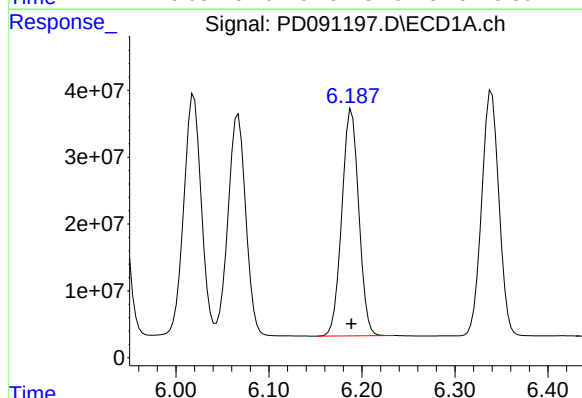
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 474035392
Conc: 75.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



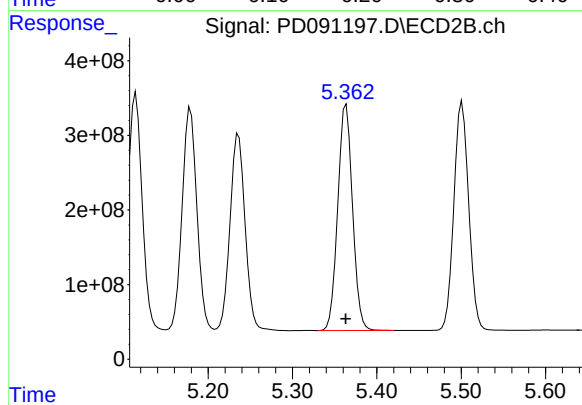
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 3637229505
Conc: 73.19 ng/ml



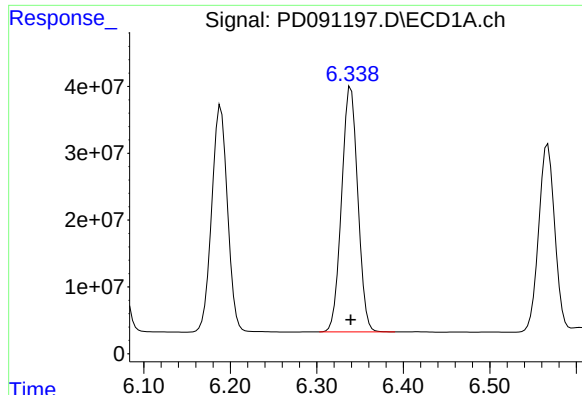
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 429331815
Conc: 76.74 ng/ml



#12 4,4'-DDE

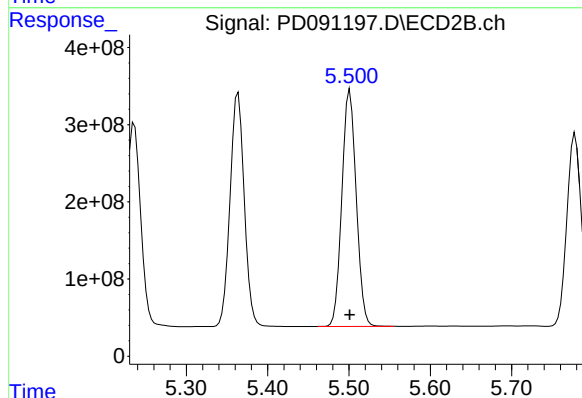
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 3686521933
Conc: 73.13 ng/ml



#13 Dieldrin

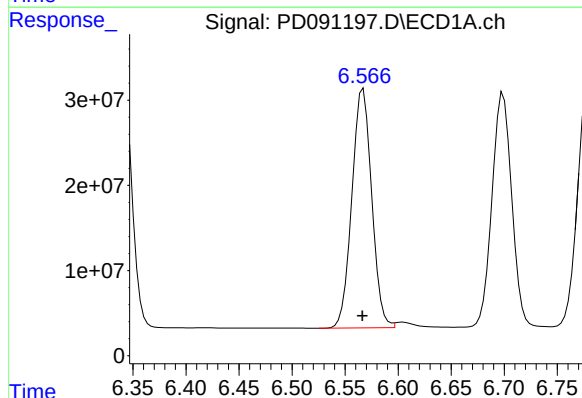
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 474254462
Conc: 76.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



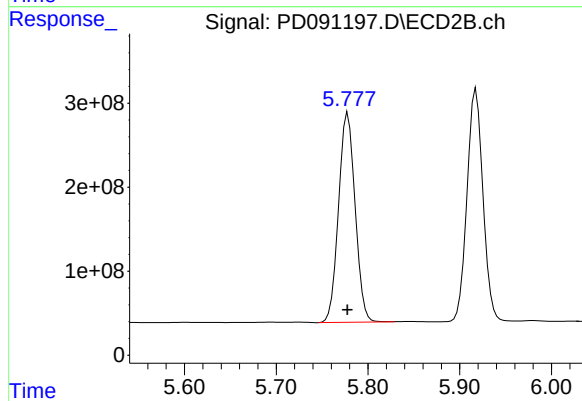
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 3748086762
Conc: 72.66 ng/ml



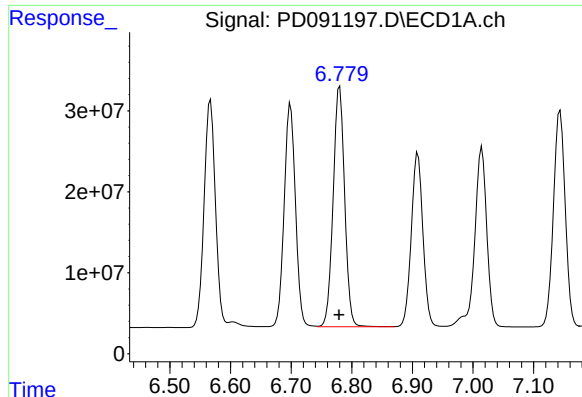
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 364631983
Conc: 76.36 ng/ml



#14 Endrin

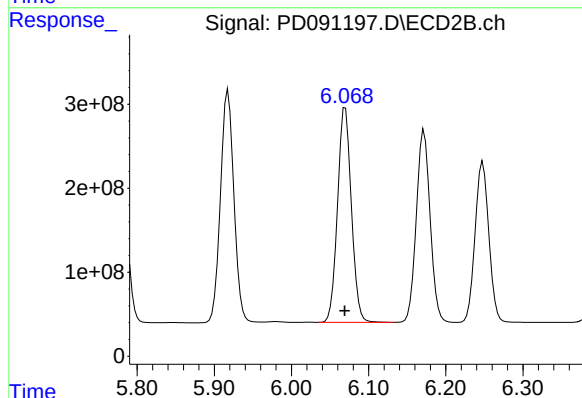
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 3131087476
Conc: 72.80 ng/ml



#15 Endosulfan II

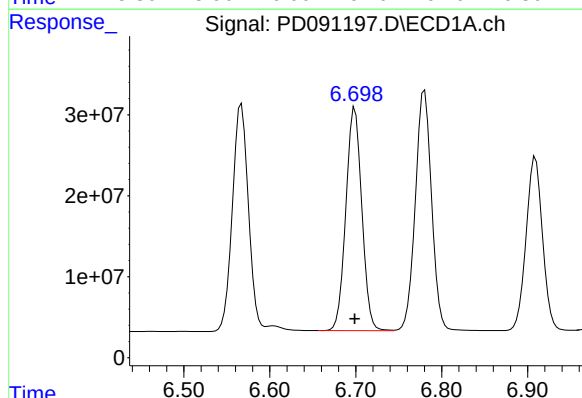
R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 391647450
Conc: 74.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



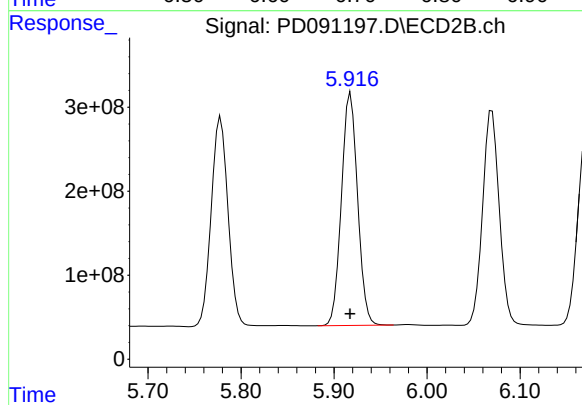
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3197283126
Conc: 72.41 ng/ml



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 356280532
Conc: 75.70 ng/ml



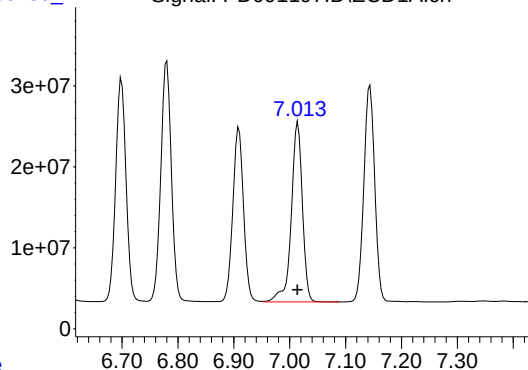
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 3348916319
Conc: 72.65 ng/ml

Response_

Signal: PD091197.D\ECD1A.ch

#17 4,4'-DDT



R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 307772889
Conc: 76.50 ng/ml

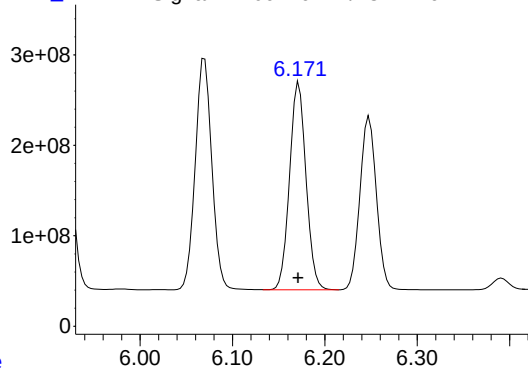
Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Time

Response_

Signal: PD091197.D\ECD2B.ch

#17 4,4'-DDT



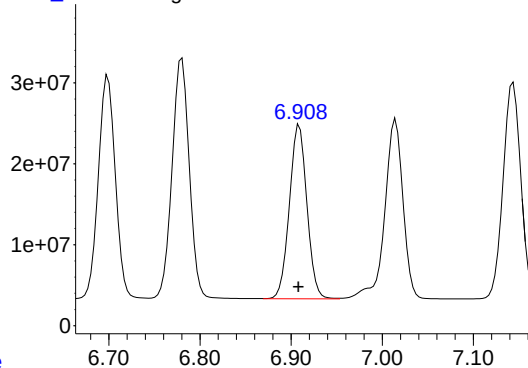
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 2838353144
Conc: 74.25 ng/ml

Time

Response_

Signal: PD091197.D\ECD1A.ch

#18 Endrin aldehyde



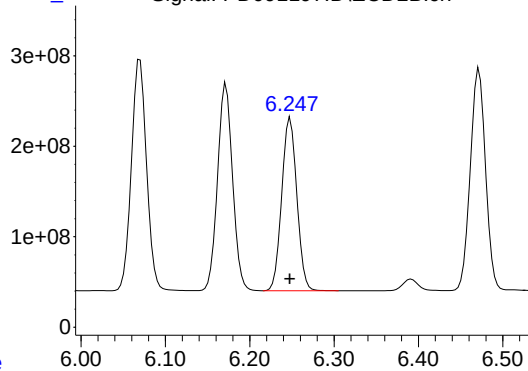
R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 286508194
Conc: 73.80 ng/ml

Time

Response_

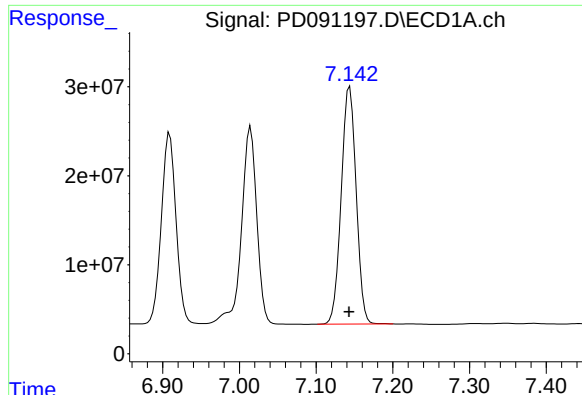
Signal: PD091197.D\ECD2B.ch

#18 Endrin aldehyde



R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 2380367922
Conc: 71.79 ng/ml

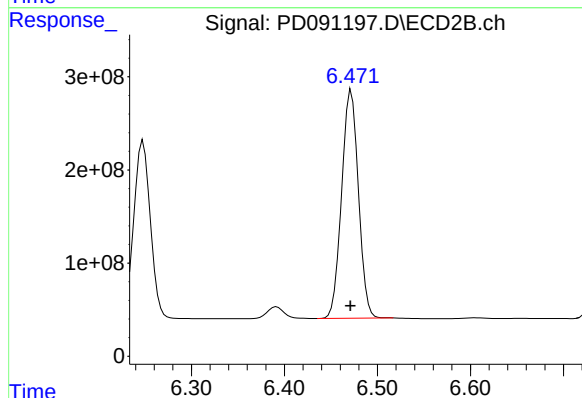
Time



#19 Endosulfan Sulfate

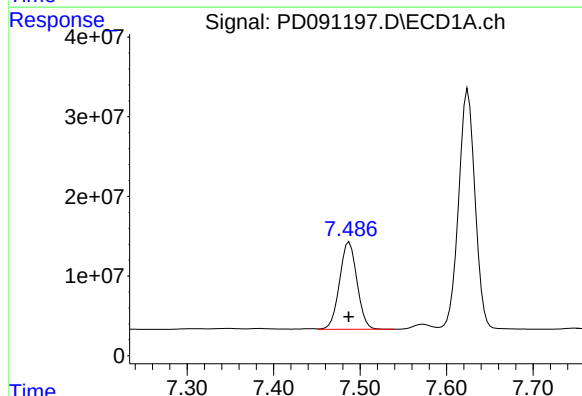
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 361805856
Conc: 74.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



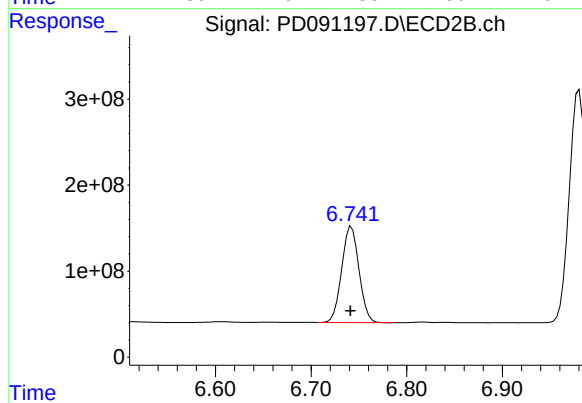
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.001 min
Response: 3074383718
Conc: 72.24 ng/ml



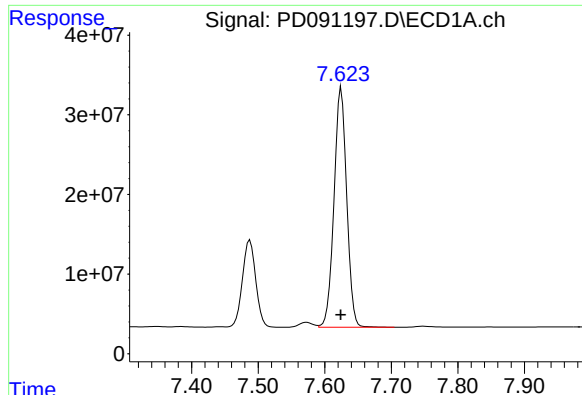
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 152543539
Conc: 74.48 ng/ml



#20 Methoxychlor

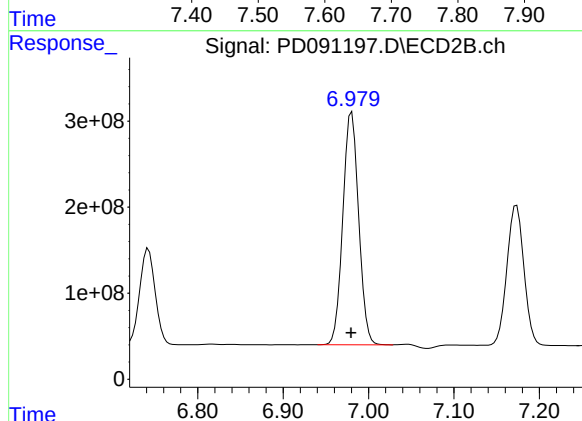
R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 1407261717
Conc: 72.66 ng/ml



#21 Endrin ketone

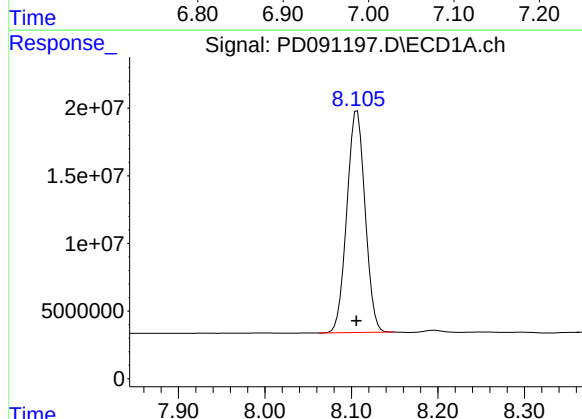
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 398809394
Conc: 74.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



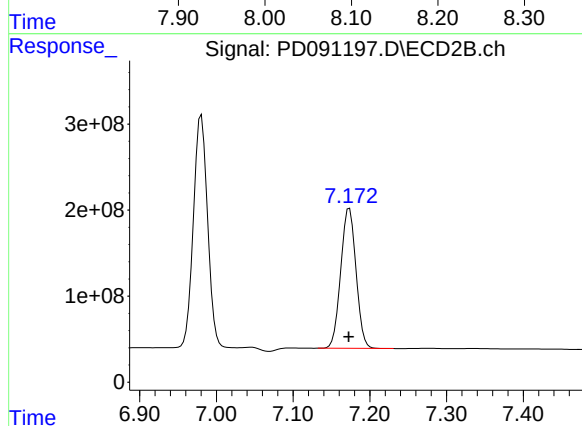
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 3478588983
Conc: 72.15 ng/ml



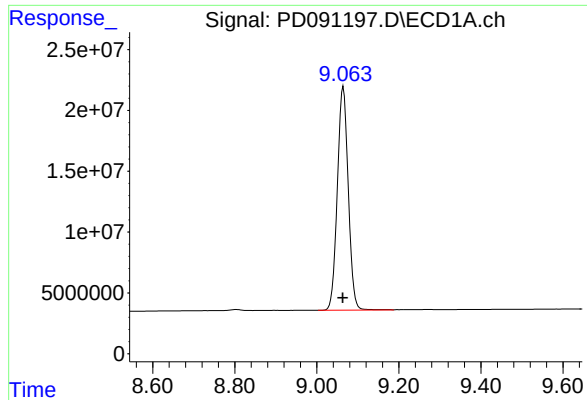
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 239346353
Conc: 72.88 ng/ml



#22 Mirex

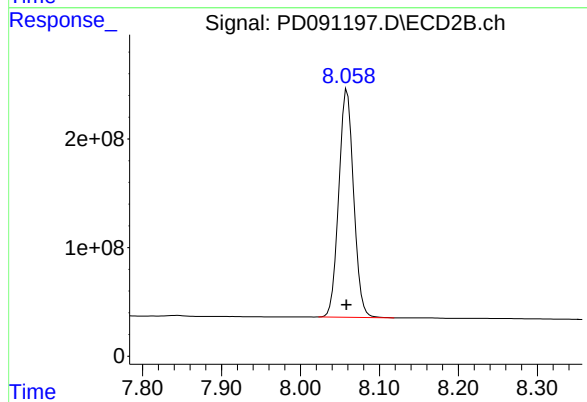
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 2255996037
Conc: 72.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.001 min
Response: 339020005
Conc: 73.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2739794738
Conc: 73.80 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 21:24
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:14:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:12:56 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	163.1E6	1728.9E6	50.000	50.000
28)	SA Decachlor...	9.063	8.058	231.7E6	1856.3E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.993	3.386	393.5E6	3000.3E6	50.000	50.000
3)	MA gamma-BHC...	4.324	3.721	365.9E6	2747.8E6	50.000	50.000
4)	MA Heptachlor	4.921	4.073	346.1E6	2617.1E6	50.000	50.000
5)	MB Aldrin	5.263	4.358	349.7E6	2682.1E6	50.000	50.000
6)	B beta-BHC	4.511	4.018	136.1E6	1131.5E6	50.000	50.000
7)	B delta-BHC	4.760	4.253	364.0E6	2766.7E6	50.000	50.000
8)	B Heptachlo...	5.682	4.862	309.9E6	2402.1E6	50.000	50.000
9)	A Endosulfan I	6.066	5.235	290.5E6	2266.7E6	50.000	50.000
10)	B gamma-Chl...	5.938	5.114	310.6E6	2598.5E6	50.000	50.000
11)	B alpha-Chl...	6.019	5.179	313.1E6	2484.7E6	50.000	50.000
12)	B 4,4'-DDE	6.189	5.363	279.7E6	2520.7E6	50.000	50.000
13)	MA Dieldrin	6.339	5.501	311.0E6	2579.1E6	50.000	50.000
14)	MA Endrin	6.566	5.778	238.8E6	2150.5E6	50.000	50.000
15)	B Endosulfa...	6.779	6.069	262.7E6	2207.8E6	50.000	50.000
16)	A 4,4'-DDD	6.699	5.917	235.3E6	2304.9E6	50.000	50.000
17)	MA 4,4'-DDT	7.014	6.171	201.2E6	1911.3E6	50.000	50.000
18)	B Endrin al...	6.908	6.248	194.1E6	1658.0E6	50.000	50.000
19)	B Endosulfa...	7.143	6.471	243.4E6	2127.8E6	50.000	50.000
20)	A Methoxychlor	7.487	6.741	102.4E6	968.4E6	50.000	50.000
21)	B Endrin ke...	7.624	6.980	266.2E6	2410.7E6	50.000	50.000
22)	Mirex	8.106	7.173	164.2E6	1557.0E6	50.000	50.000

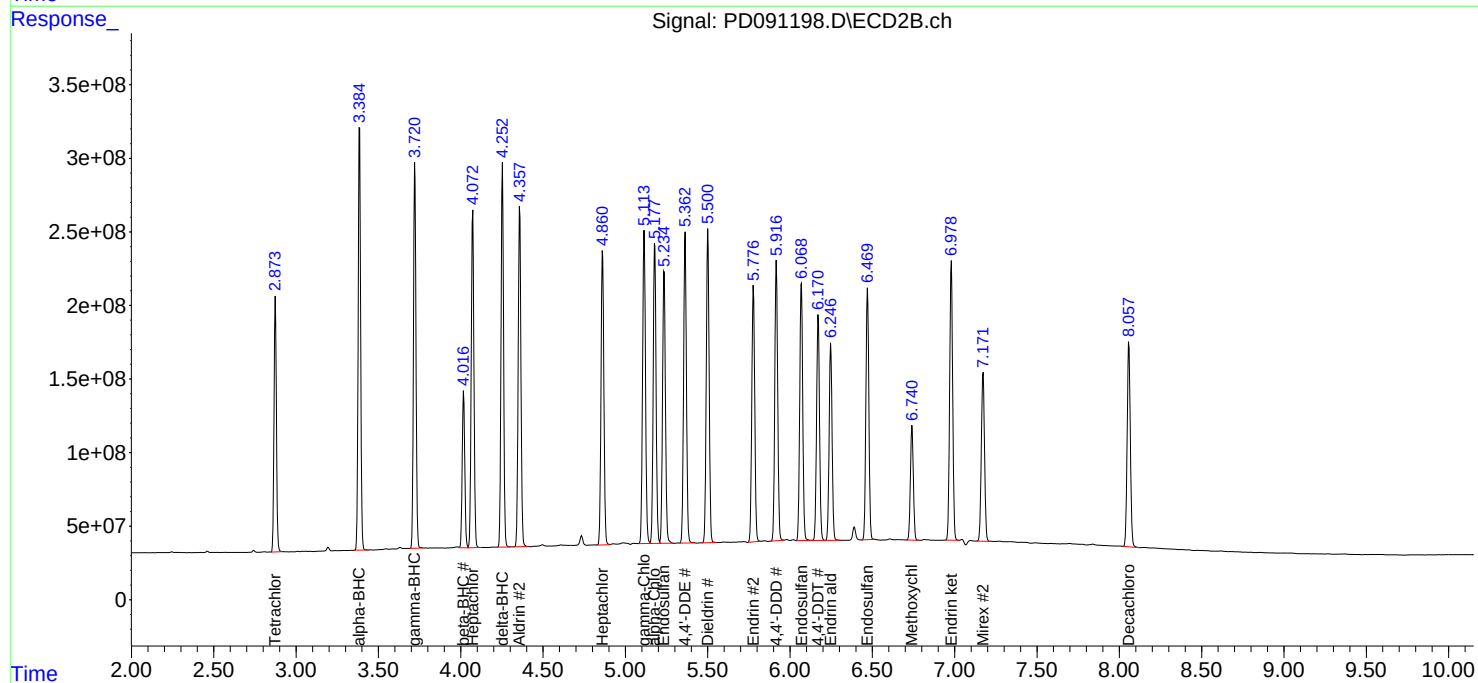
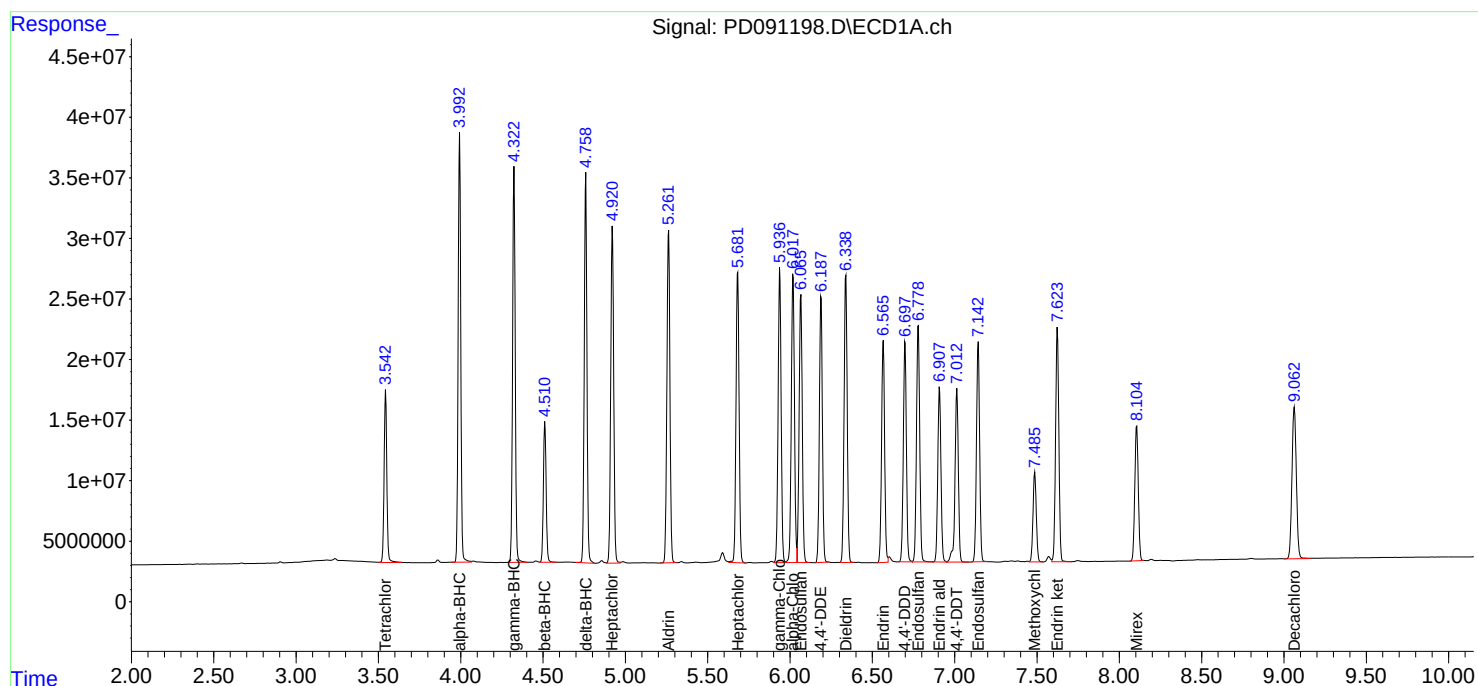
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

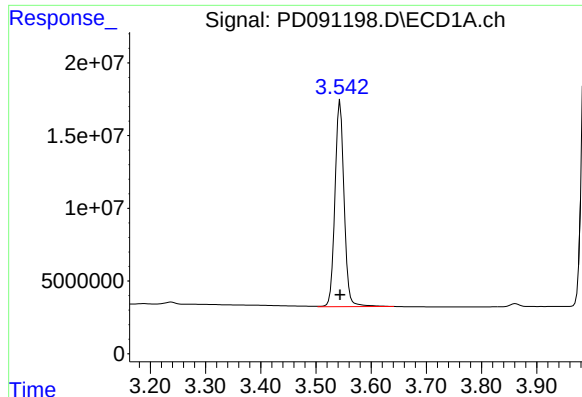
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:24
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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

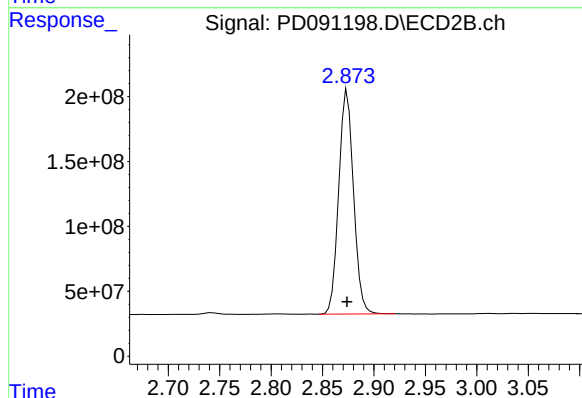




#1 Tetrachloro-m-xylene

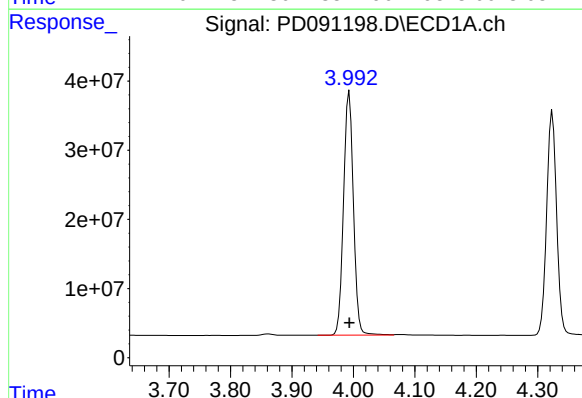
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 163107863
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



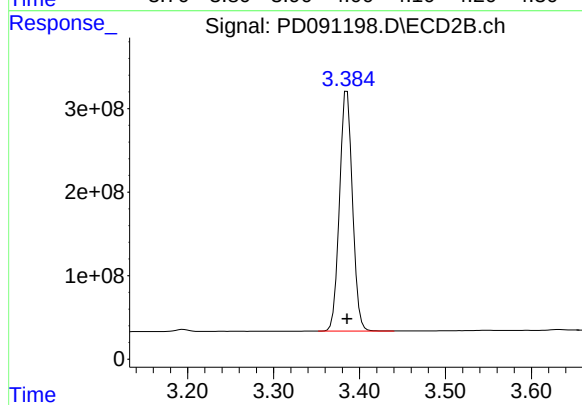
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1728852997
Conc: 50.00 ng/ml



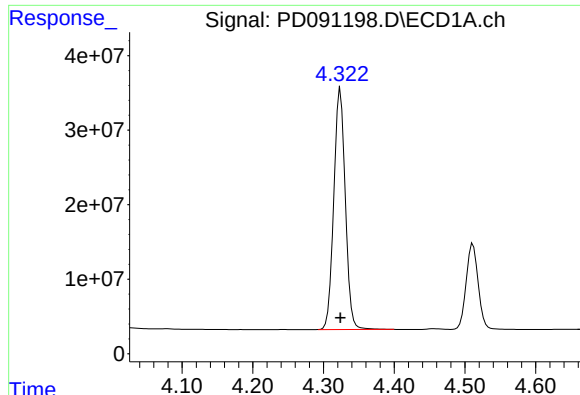
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 393516622
Conc: 50.00 ng/ml



#2 alpha-BHC

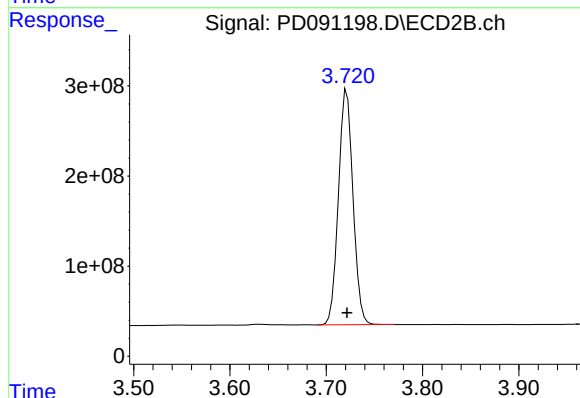
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 3000282217
Conc: 50.00 ng/ml



#3 gamma-BHC (Lindane)

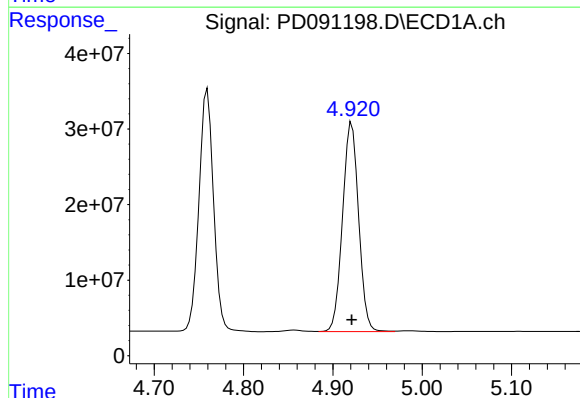
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 365899953
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



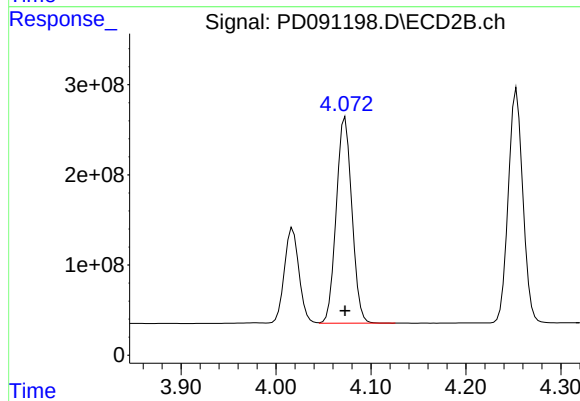
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 2747758652
Conc: 50.00 ng/ml



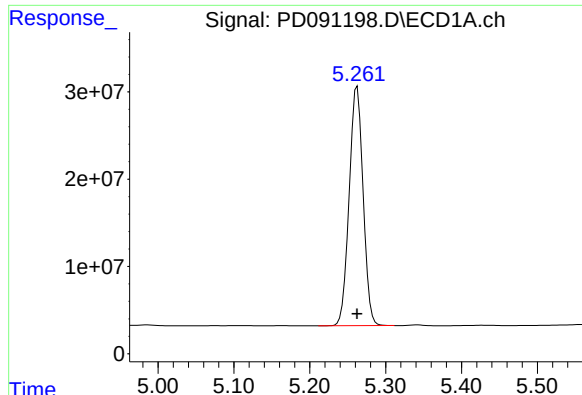
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 346141844
Conc: 50.00 ng/ml



#4 Heptachlor

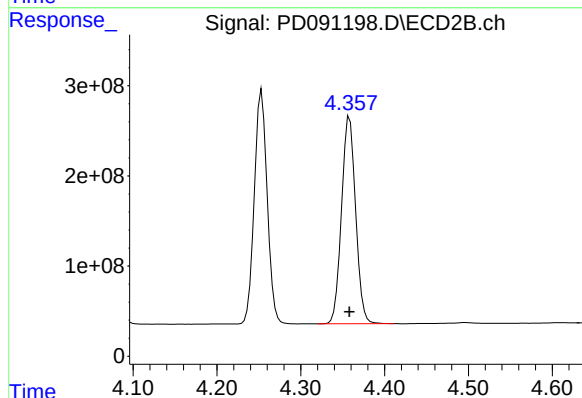
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 2617059681
Conc: 50.00 ng/ml



#5 Aldrin

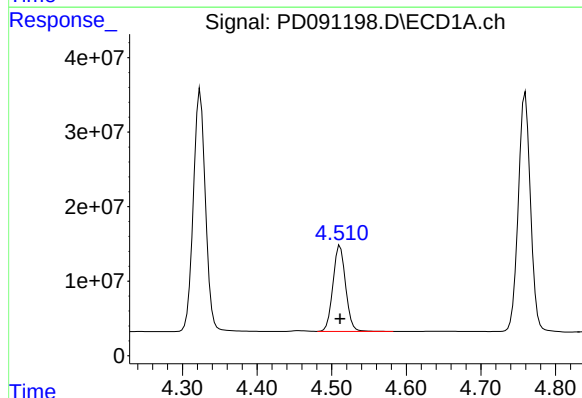
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 349741236
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



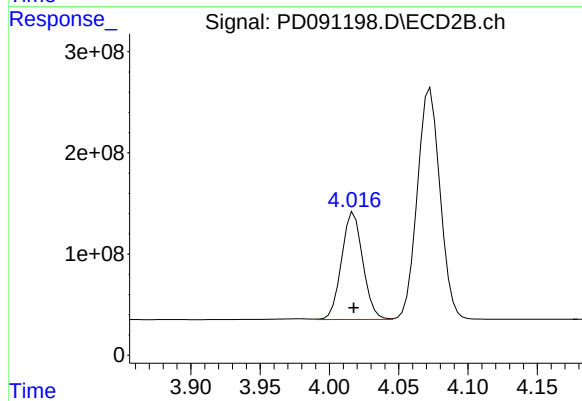
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 2682097670
Conc: 50.00 ng/ml



#6 beta-BHC

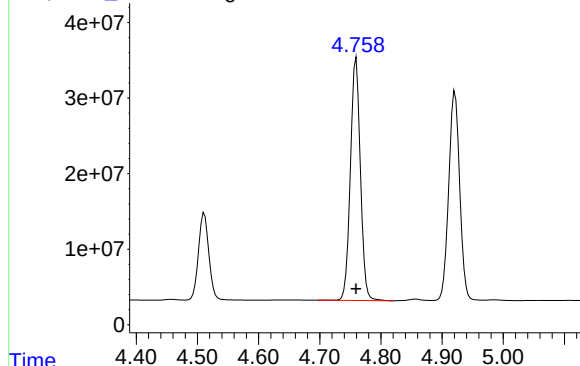
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 136081179
Conc: 50.00 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1131484120
Conc: 50.00 ng/ml

Response_ Signal: PD091198.D\ECD1A.ch

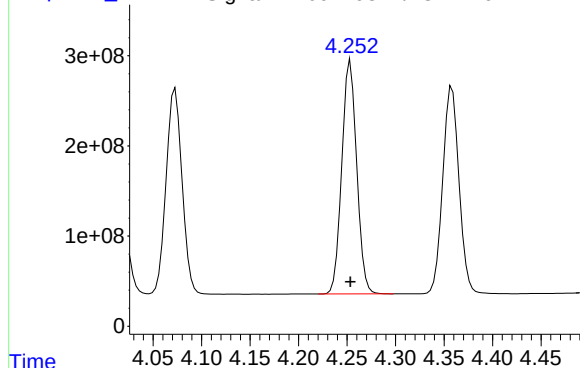


#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 363968058
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

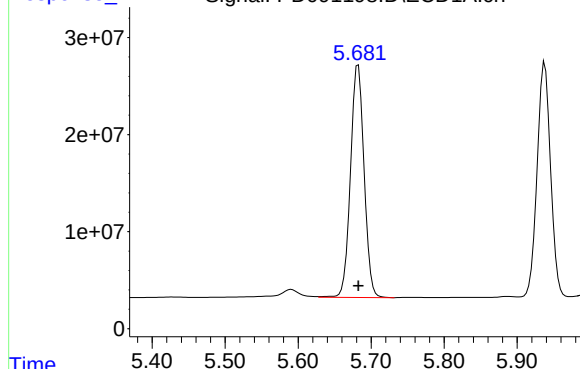
Time Response_ Signal: PD091198.D\ECD2B.ch



#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 2766685103
Conc: 50.00 ng/ml

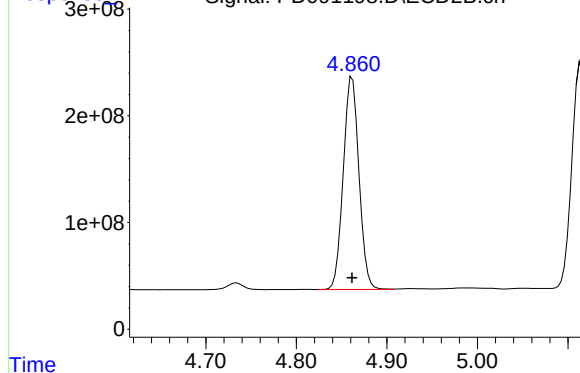
Time Response_ Signal: PD091198.D\ECD1A.ch



#8 Heptachlor epoxide

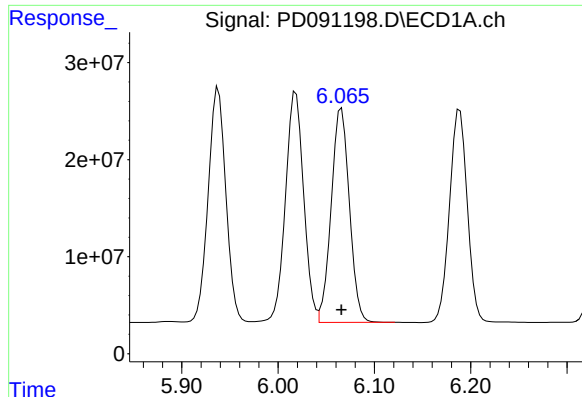
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 309885253
Conc: 50.00 ng/ml

Time Response_ Signal: PD091198.D\ECD2B.ch



#8 Heptachlor epoxide

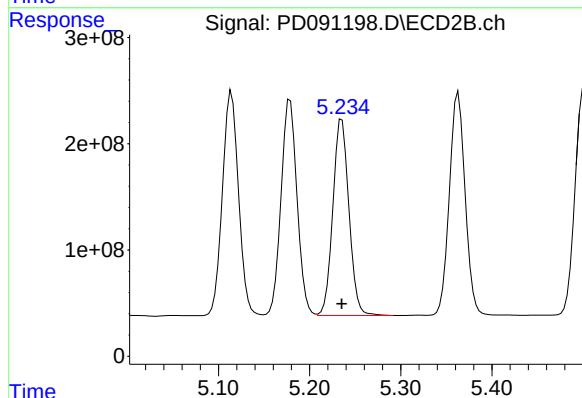
R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 2402103967
Conc: 50.00 ng/ml



#9 Endosulfan I

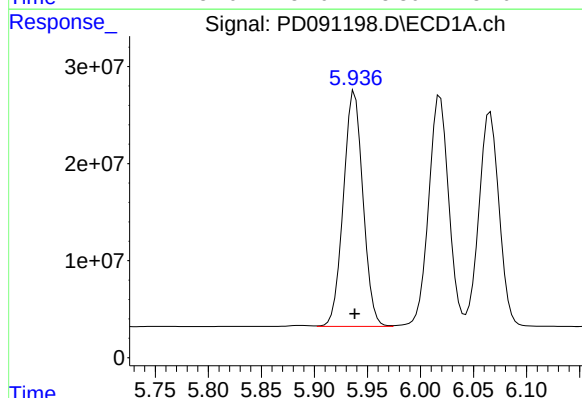
R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 290460294
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



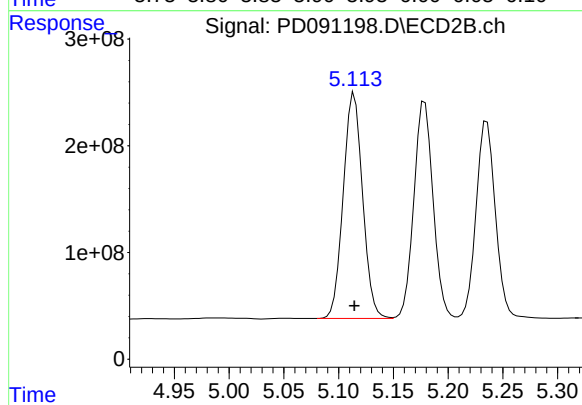
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2266709955
Conc: 50.00 ng/ml



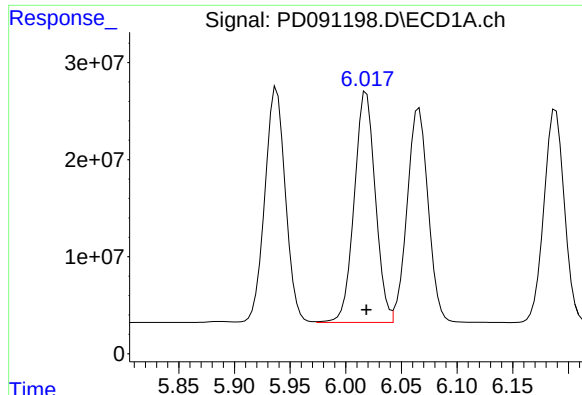
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 310561345
Conc: 50.00 ng/ml



#10 gamma-Chlordane

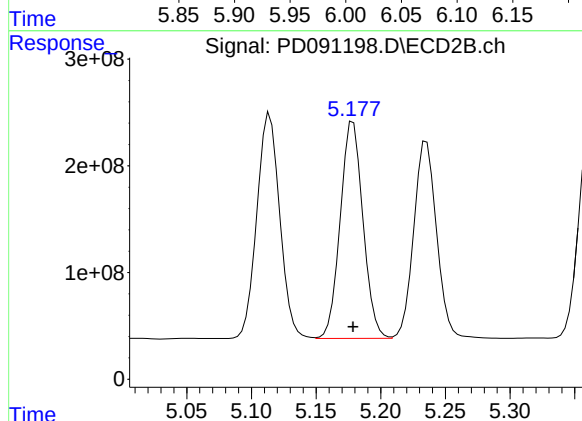
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 2598523151
Conc: 50.00 ng/ml



#11 alpha-Chlordane

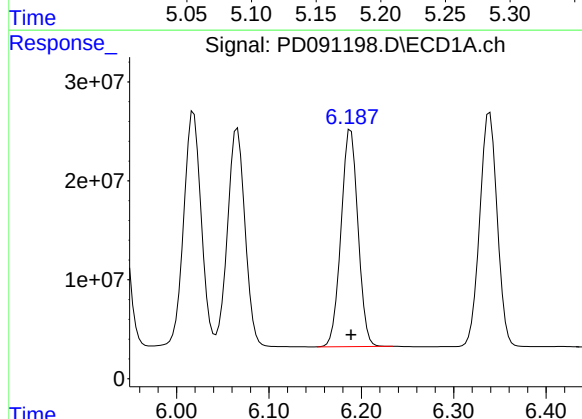
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 313110398
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



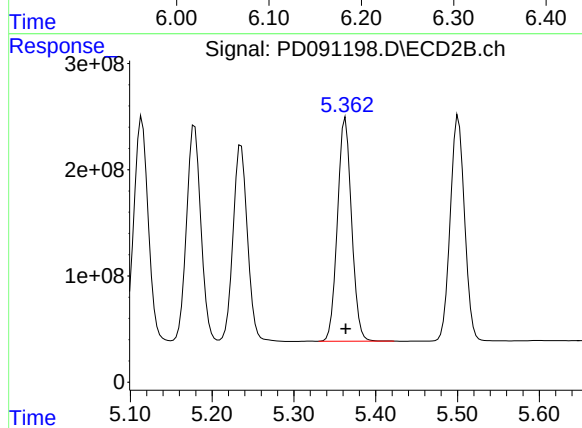
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 2484740013
Conc: 50.00 ng/ml



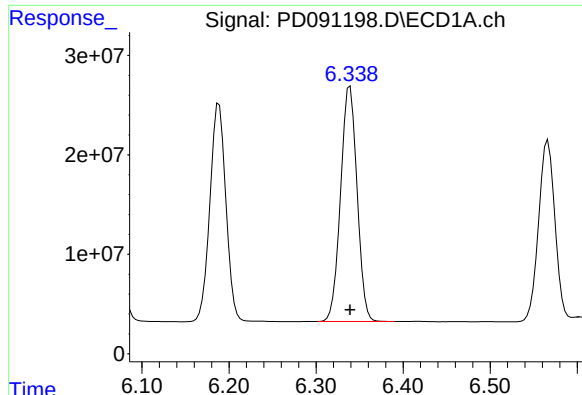
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 279737251
Conc: 50.00 ng/ml



#12 4,4'-DDE

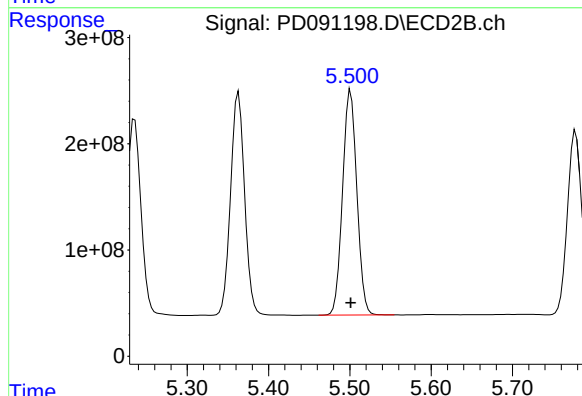
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 2520689262
Conc: 50.00 ng/ml



#13 Dieldrin

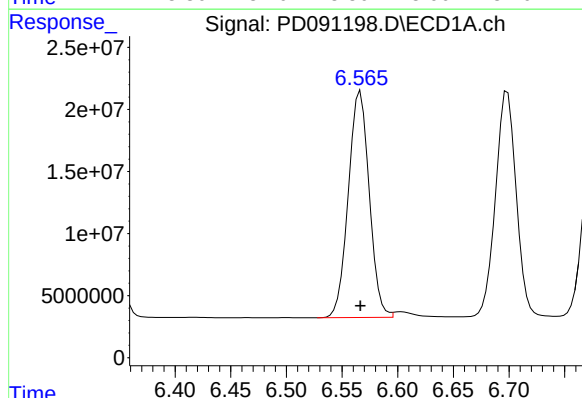
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 311012145
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



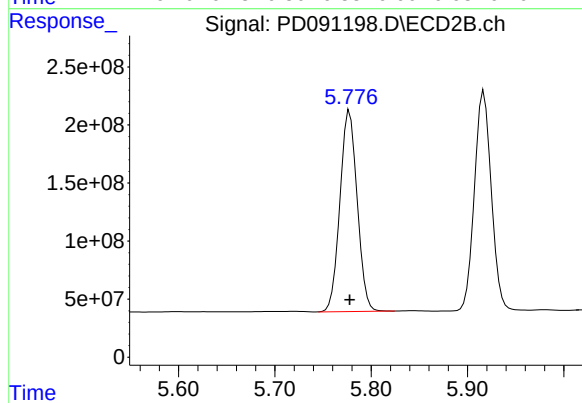
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 2579085730
Conc: 50.00 ng/ml



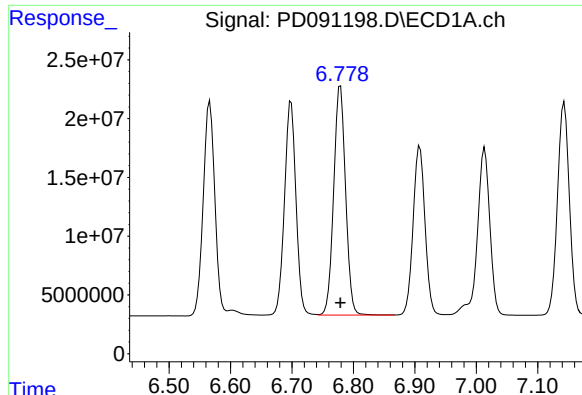
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 238757848
Conc: 50.00 ng/ml



#14 Endrin

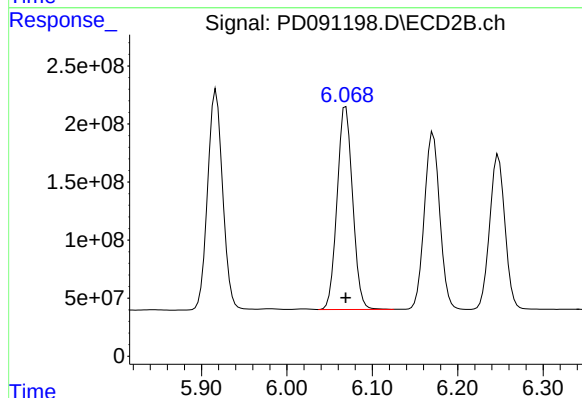
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2150507163
Conc: 50.00 ng/ml



#15 Endosulfan II

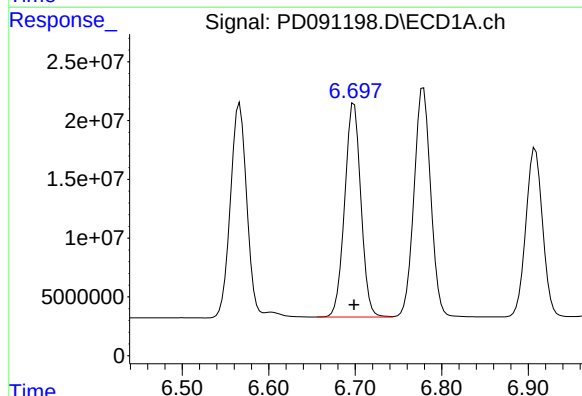
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 262694309
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



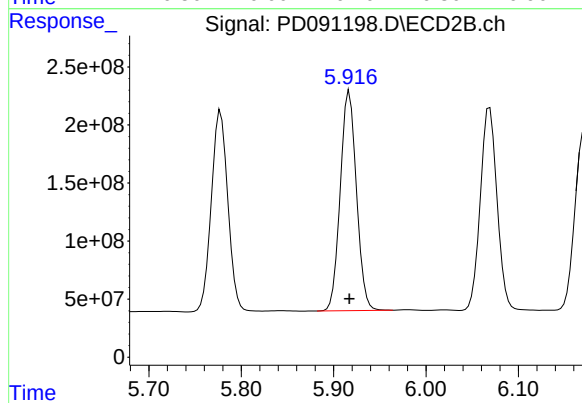
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2207761734
Conc: 50.00 ng/ml



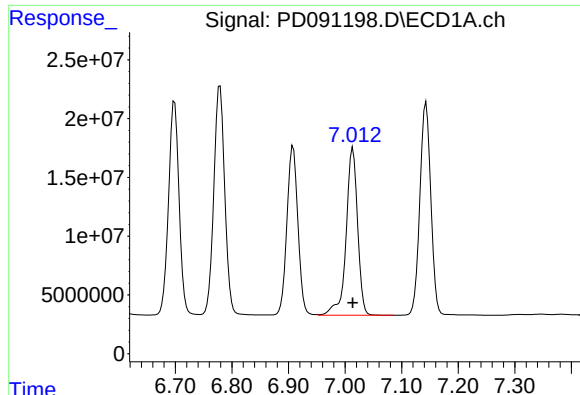
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 235333424
Conc: 50.00 ng/ml



#16 4,4'-DDD

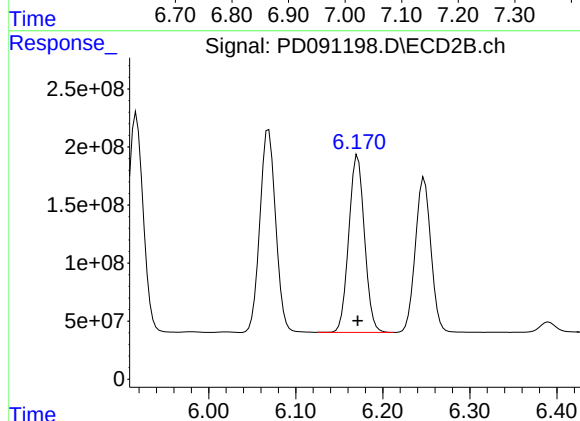
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 2304902634
Conc: 50.00 ng/ml



#17 4,4'-DDT

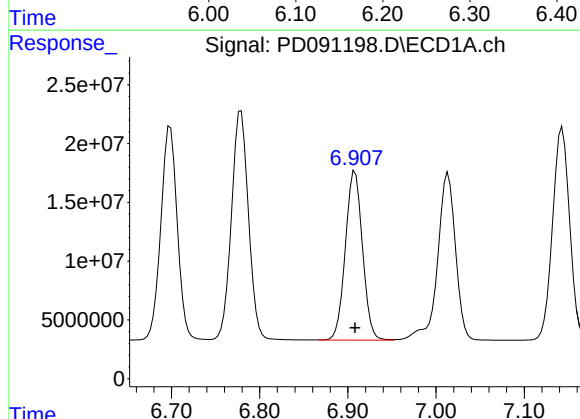
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 201168428
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



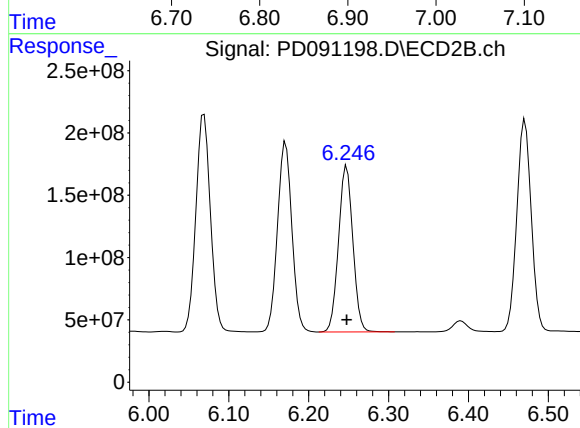
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 1911292601
Conc: 50.00 ng/ml



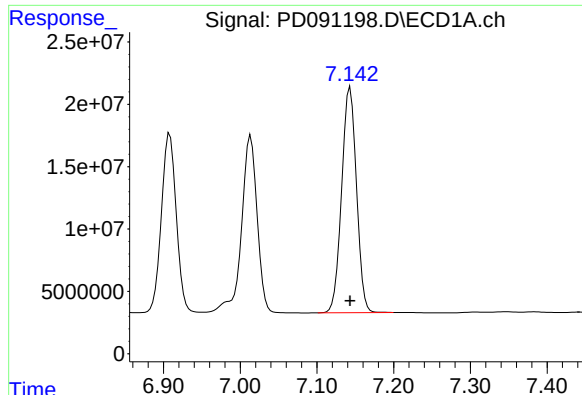
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 194107494
Conc: 50.00 ng/ml



#18 Endrin aldehyde

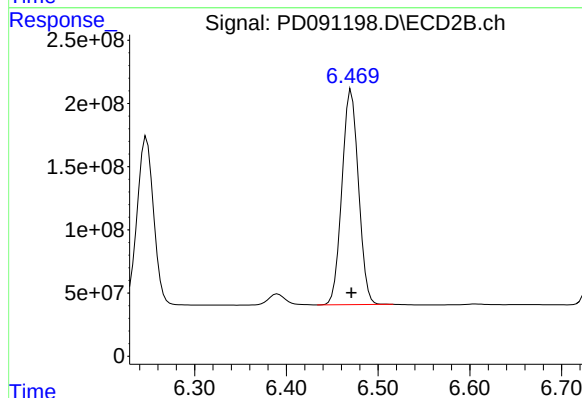
R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 1657955564
Conc: 50.00 ng/ml



#19 Endosulfan Sulfate

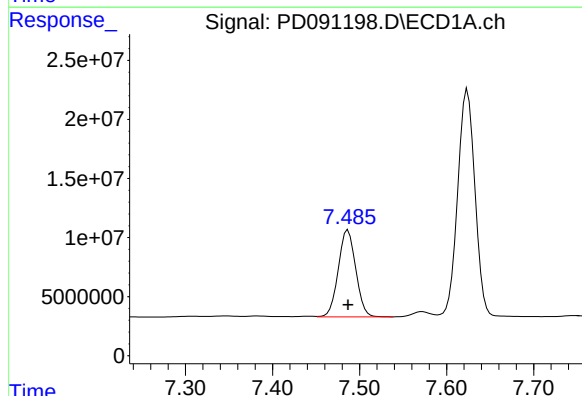
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 243368003
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



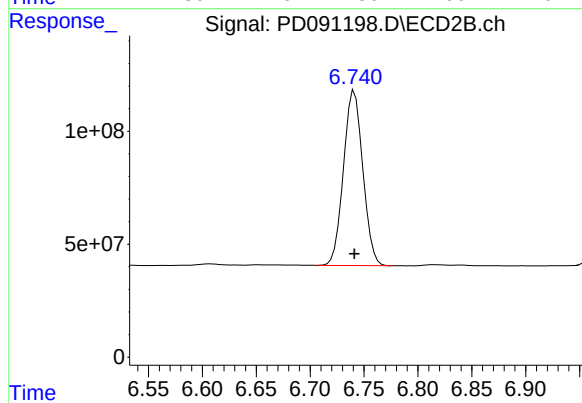
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 2127762612
Conc: 50.00 ng/ml



#20 Methoxychlor

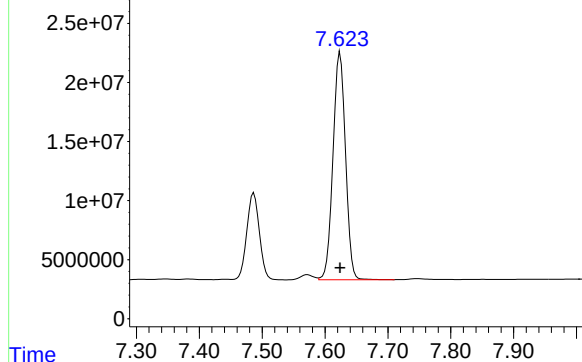
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 102403018
Conc: 50.00 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 968428255
Conc: 50.00 ng/ml

Response_ Signal: PD091198.D\ECD1A.ch

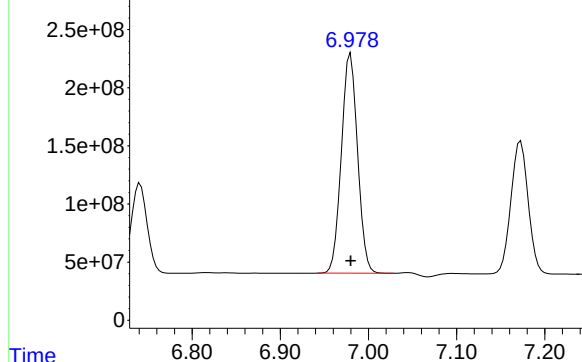


#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 266235522
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

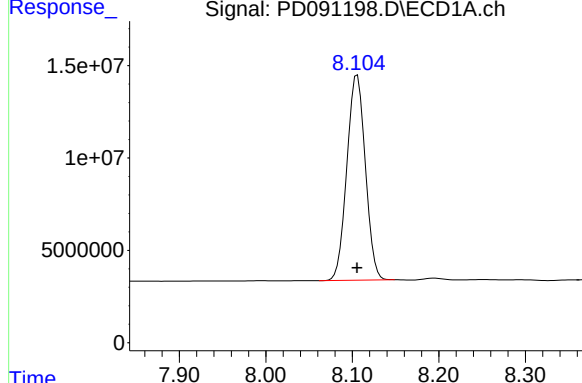
Response_ Signal: PD091198.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 2410661057
Conc: 50.00 ng/ml

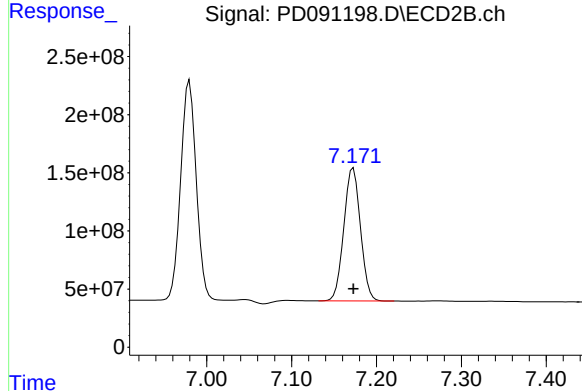
Response_ Signal: PD091198.D\ECD1A.ch



#22 Mirex

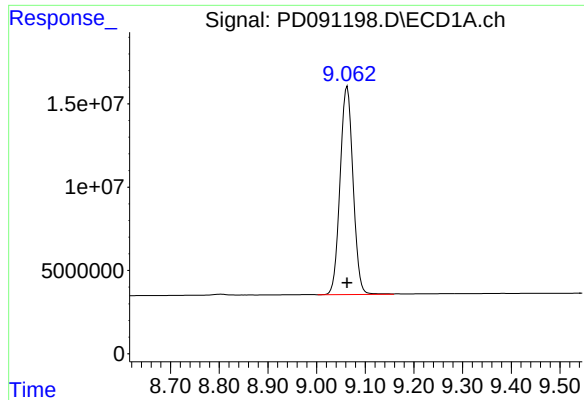
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 164203835
Conc: 50.00 ng/ml

Response_ Signal: PD091198.D\ECD2B.ch



#22 Mirex

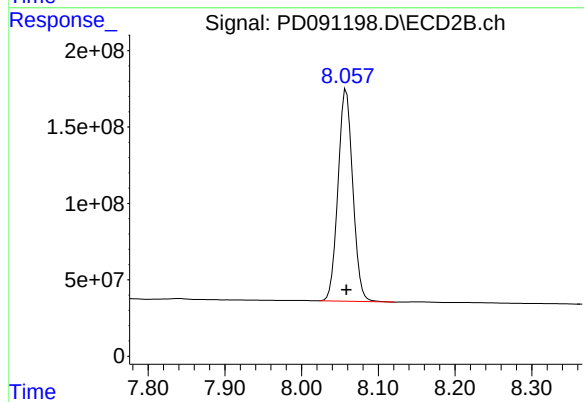
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 1557032032
Conc: 50.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 231650190
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC050



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1856271839
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 21:37
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:15:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:12:56 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	86373657	910.5E6	26.477	26.332
28)	SA Decachlor...	9.065	8.060	123.8E6	968.9E6	26.720	26.098
Target Compounds							
2)	A alpha-BHC	3.993	3.385	190.3E6	1552.3E6	24.183	25.870
3)	MA gamma-BHC...	4.324	3.721	179.1E6	1424.8E6	24.470	25.927
4)	MA Heptachlor	4.921	4.073	172.6E6	1376.5E6	24.928	26.299
5)	MB Aldrin	5.263	4.358	175.8E6	1404.6E6	25.138	26.184
6)	B beta-BHC	4.511	4.018	71261837	597.0E6	26.184	26.382
7)	B delta-BHC	4.759	4.253	177.1E6	1438.1E6	24.324	25.989
8)	B Heptachlo...	5.683	4.862	158.2E6	1272.1E6	25.525	26.479
9)	A Endosulfan I	6.066	5.236	149.8E6	1202.9E6	25.783	26.533
10)	B gamma-Chl...	5.938	5.115	157.8E6	1355.6E6	25.412	26.083
11)	B alpha-Chl...	6.019	5.179	163.3E6	1301.1E6	26.071	26.181
12)	B 4,4'-DDE	6.189	5.363	139.9E6	1326.0E6	25.010	26.303
13)	MA Dieldrin	6.340	5.502	156.6E6	1359.8E6	25.176	26.361
14)	MA Endrin	6.567	5.778	119.1E6	1124.9E6	24.935	26.153
15)	B Endosulfa...	6.780	6.070	135.5E6	1168.5E6	25.790	26.463
16)	A 4,4'-DDD	6.699	5.918	119.1E6	1222.9E6	25.297	26.527
17)	MA 4,4'-DDT	7.015	6.172	99345097	968.7E6	24.692	25.342
18)	B Endrin al...	6.909	6.248	102.2E6	882.3E6	26.325	26.609
19)	B Endosulfa...	7.144	6.472	125.6E6	1118.0E6	25.803	26.271
20)	A Methoxychlor	7.488	6.743	53585924	505.3E6	26.164	26.091
21)	B Endrin ke...	7.624	6.981	137.7E6	1278.6E6	25.857	26.519
22)	Mirex	8.106	7.173	88650675	829.2E6	26.994	26.629

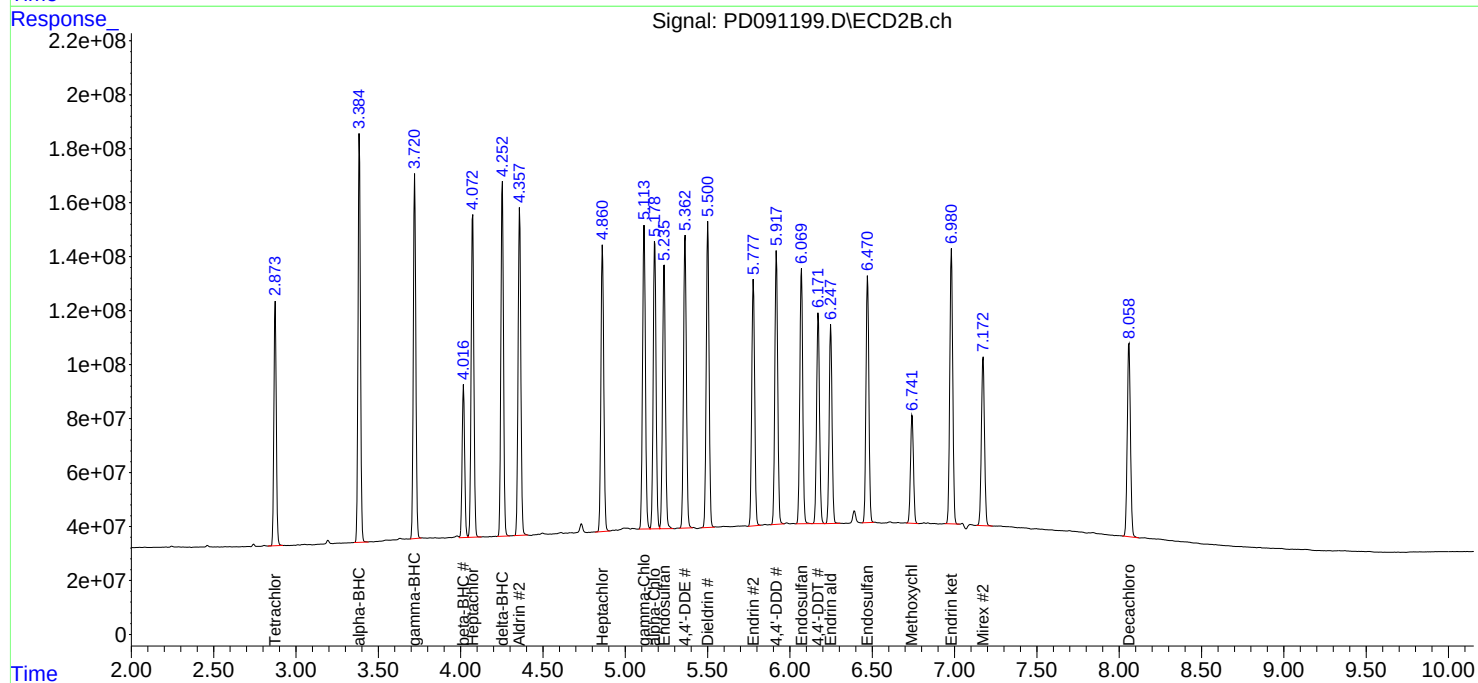
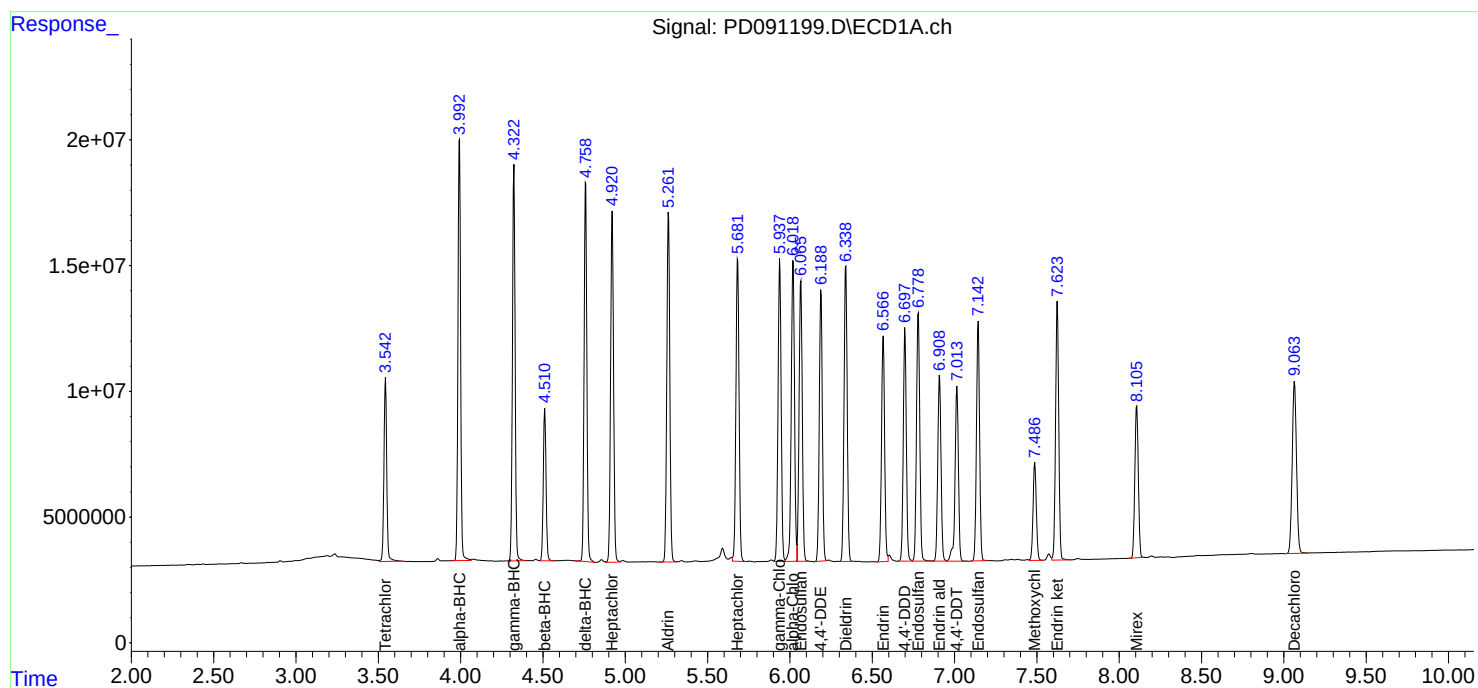
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

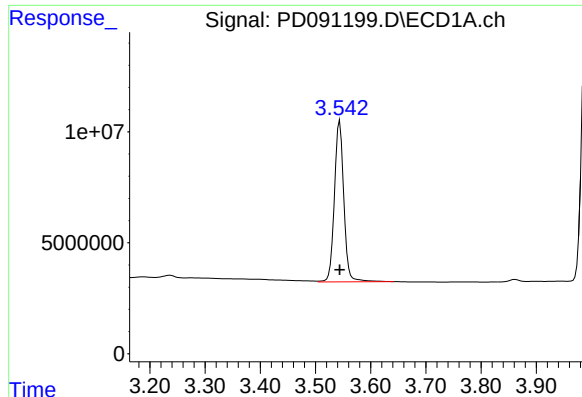
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:37
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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

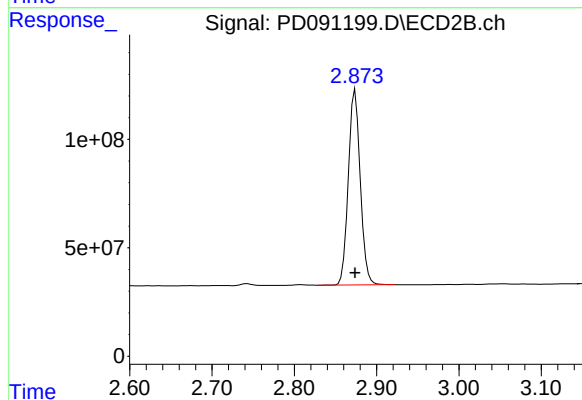




#1 Tetrachloro-m-xylene

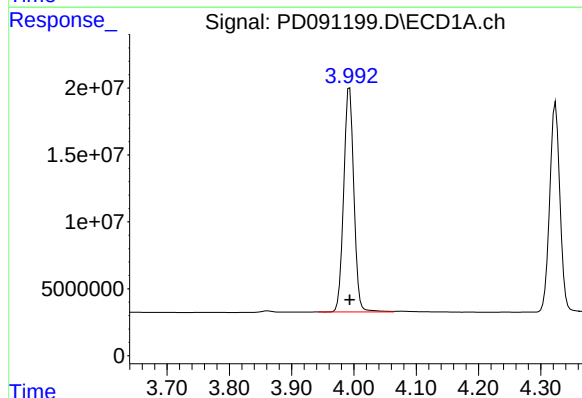
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 86373657
Conc: 26.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



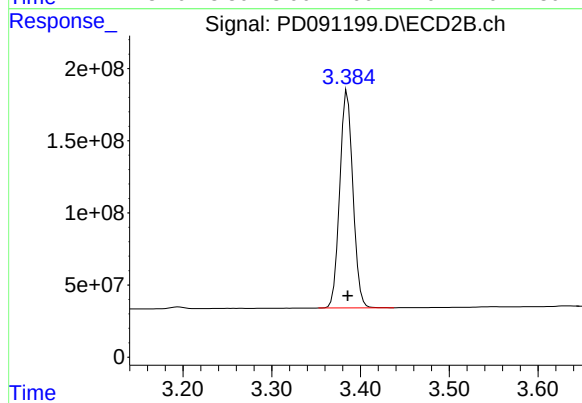
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 910473350
Conc: 26.33 ng/ml



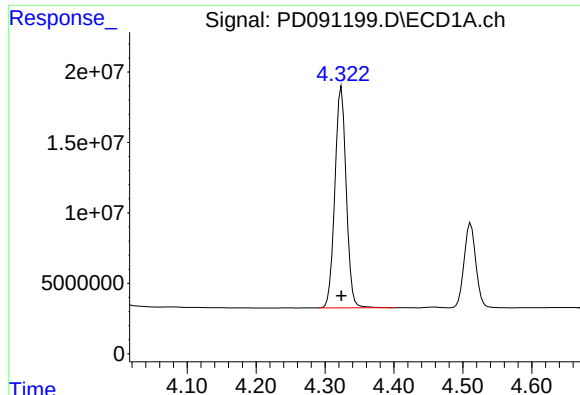
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 190331830
Conc: 24.18 ng/ml



#2 alpha-BHC

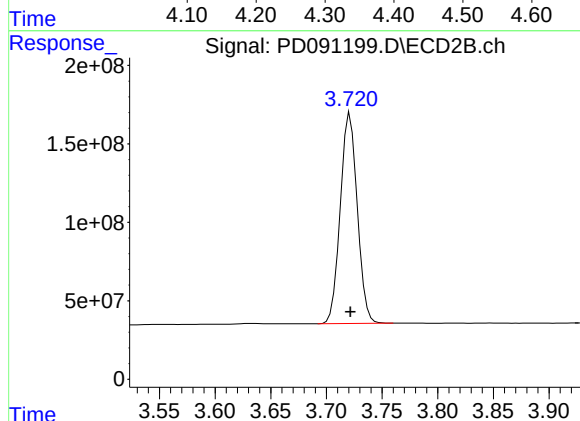
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 1552319559
Conc: 25.87 ng/ml



#3 gamma-BHC (Lindane)

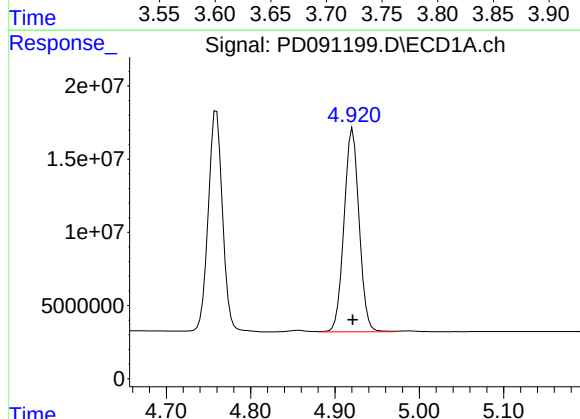
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 179071307
Conc: 24.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



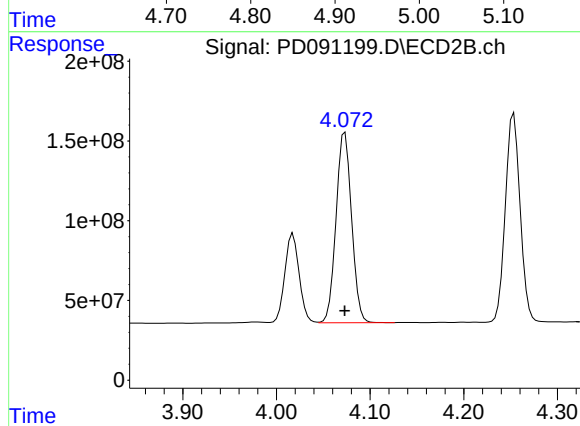
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 1424840774
Conc: 25.93 ng/ml



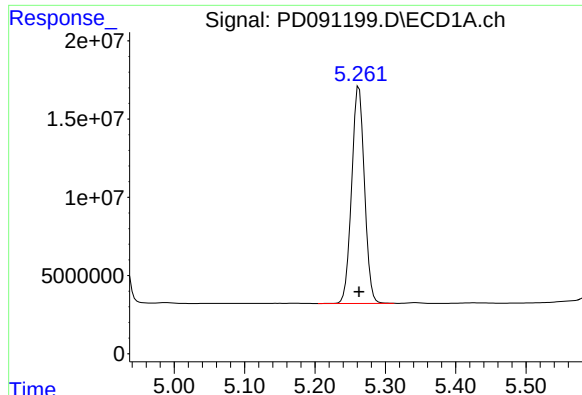
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 172571536
Conc: 24.93 ng/ml



#4 Heptachlor

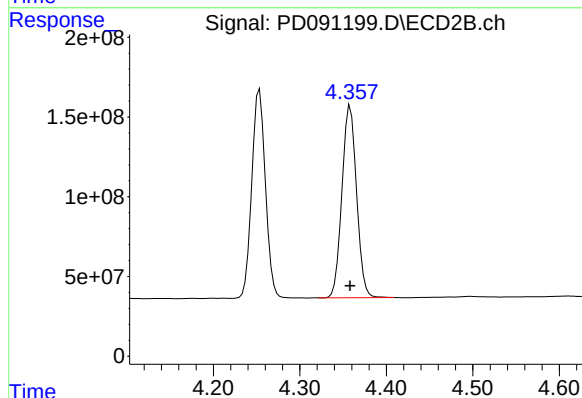
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 1376530884
Conc: 26.30 ng/ml



#5 Aldrin

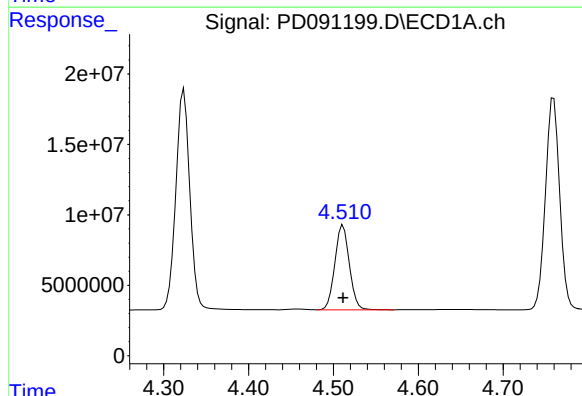
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 175833253
Conc: 25.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



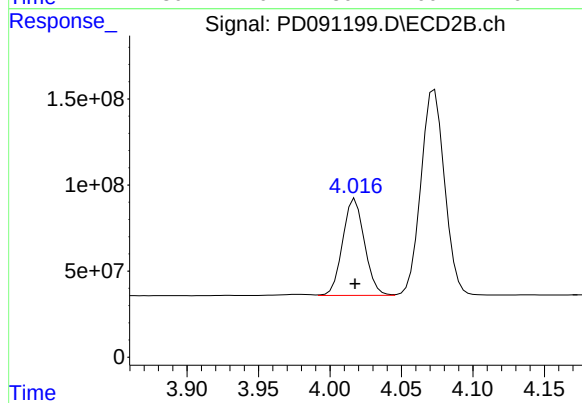
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 1404584346
Conc: 26.18 ng/ml



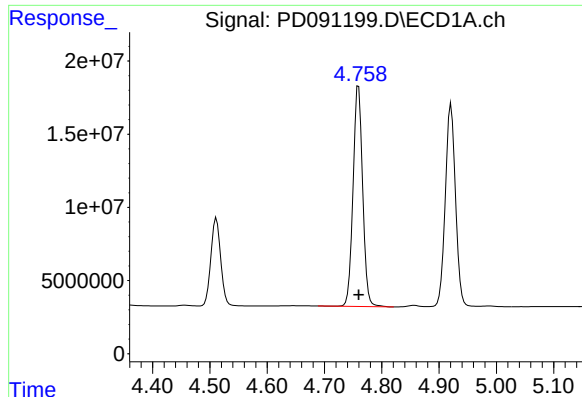
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 71261837
Conc: 26.18 ng/ml



#6 beta-BHC

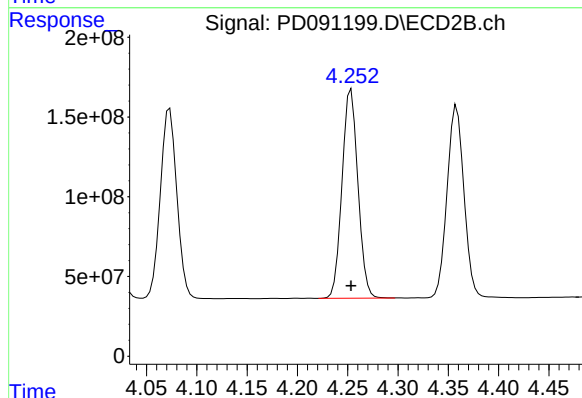
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 597010722
Conc: 26.38 ng/ml



#7 delta-BHC

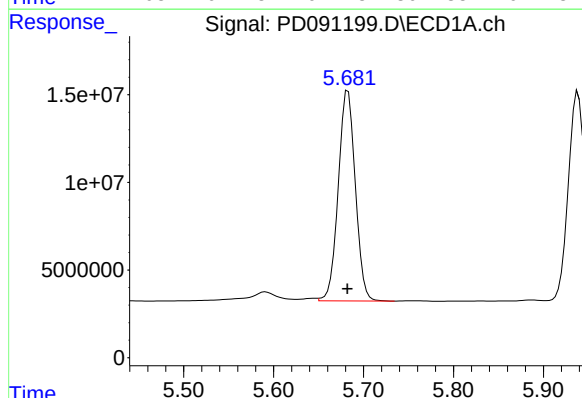
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 177063981
Conc: 24.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



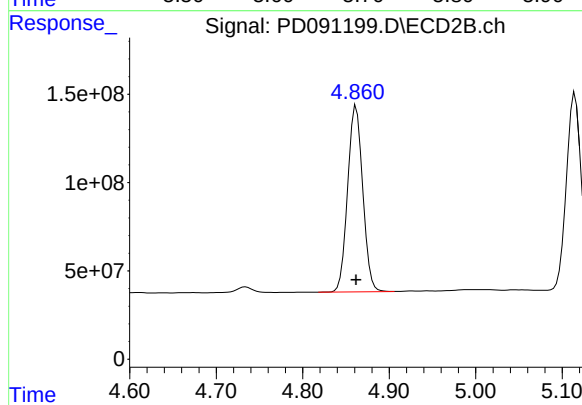
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 1438087985
Conc: 25.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 158196256
Conc: 25.52 ng/ml



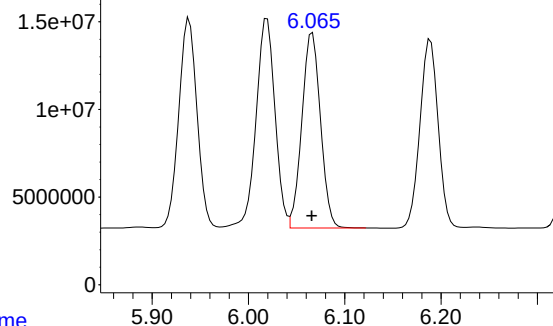
#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 1272097157
Conc: 26.48 ng/ml

Response_

Signal: PD091199.D\ECD1A.ch

#9 Endosulfan I



R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 149777976
Conc: 25.78 ng/ml

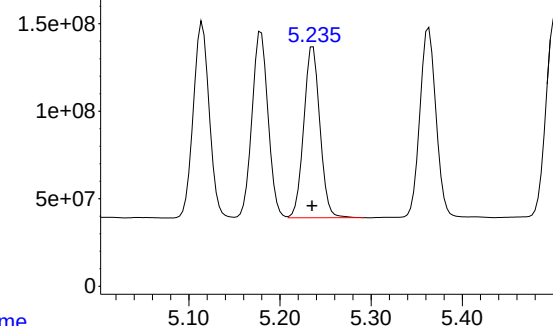
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response_

Signal: PD091199.D\ECD2B.ch

#9 Endosulfan I



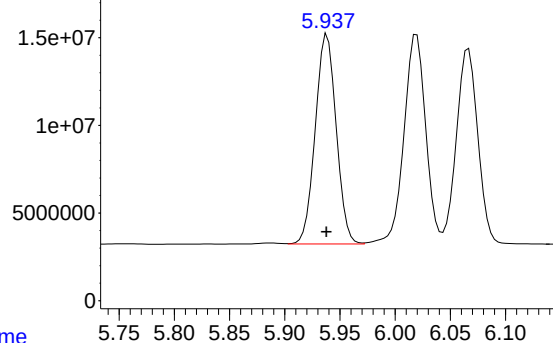
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1202866035
Conc: 26.53 ng/ml

Time

Response_

Signal: PD091199.D\ECD1A.ch

#10 gamma-Chlordane



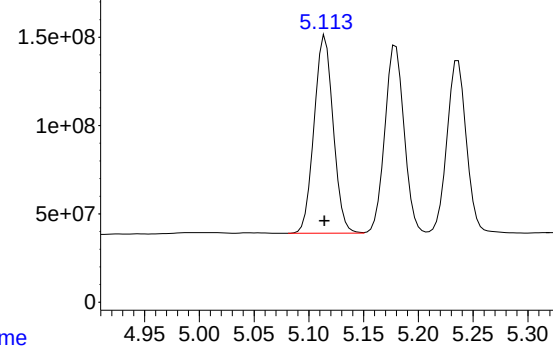
R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 157841734
Conc: 25.41 ng/ml

Time

Response_

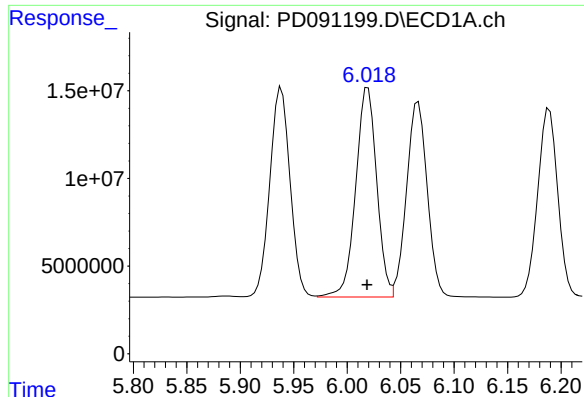
Signal: PD091199.D\ECD2B.ch

#10 gamma-Chlordane



R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1355559979
Conc: 26.08 ng/ml

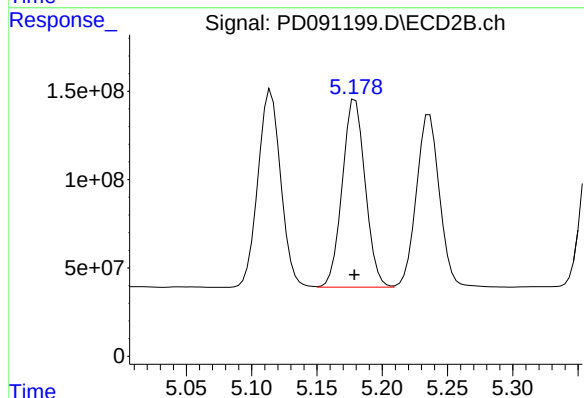
Time



#11 alpha-Chlordane

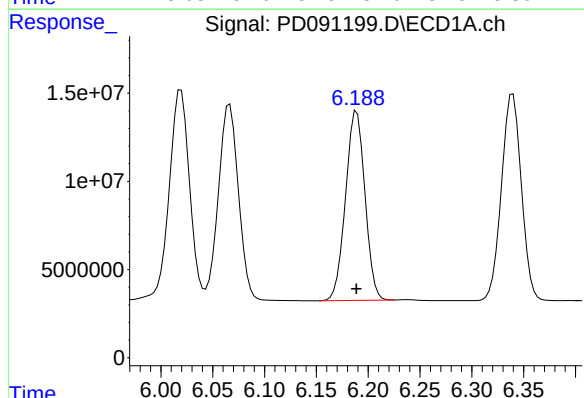
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 163263050
Conc: 26.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



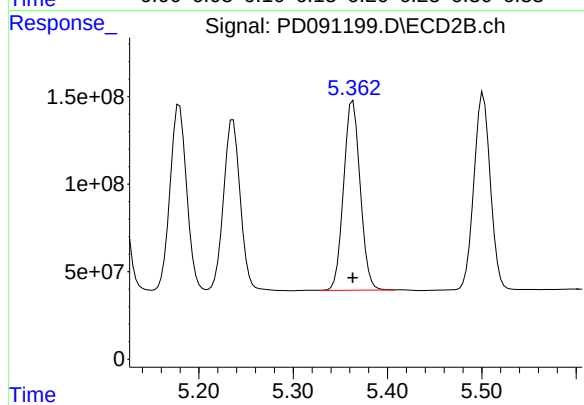
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1301050236
Conc: 26.18 ng/ml



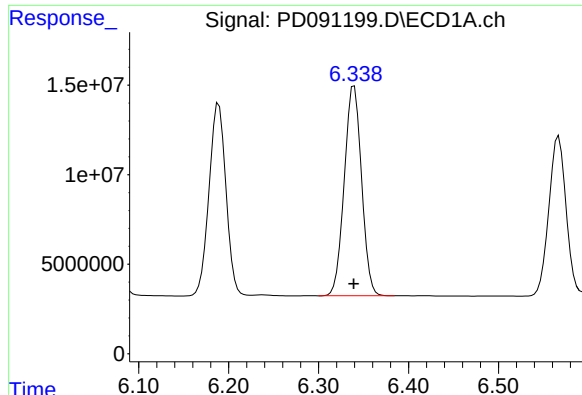
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 139923371
Conc: 25.01 ng/ml



#12 4,4'-DDE

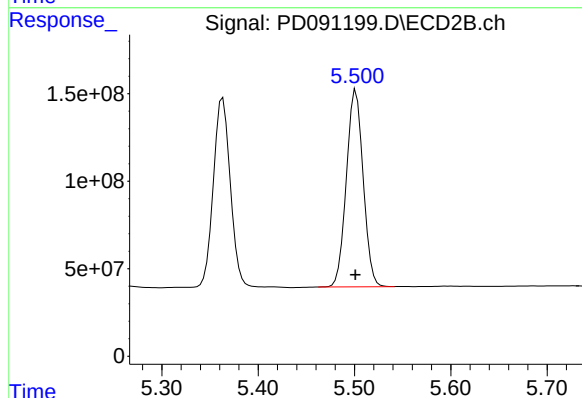
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 1326037159
Conc: 26.30 ng/ml



#13 Dieldrin

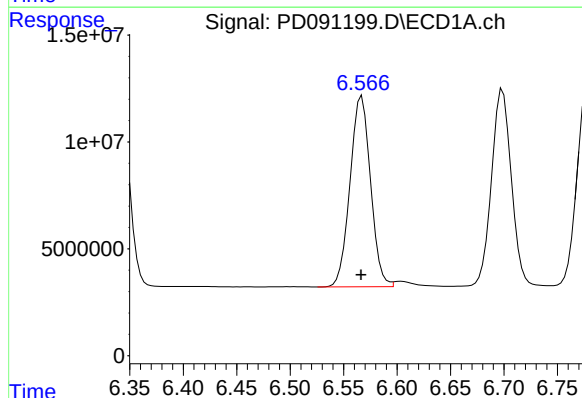
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 156603735
Conc: 25.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



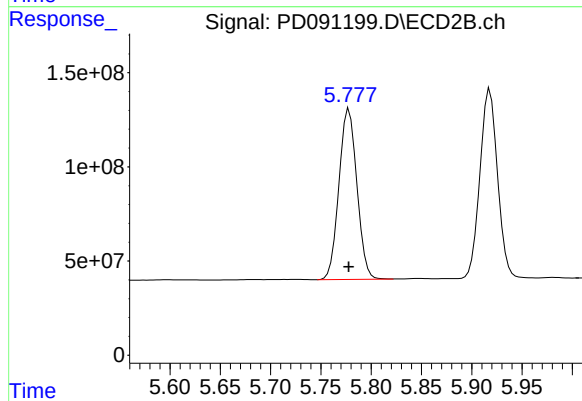
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 1359764502
Conc: 26.36 ng/ml



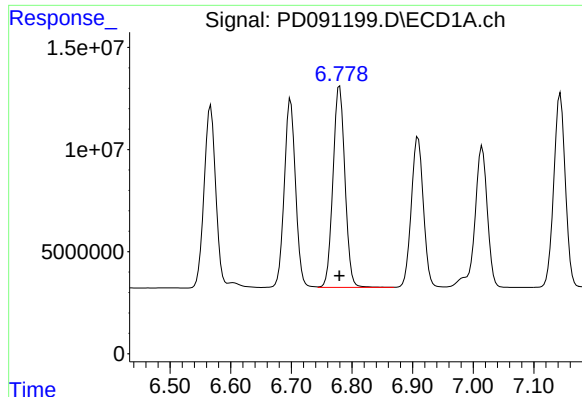
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 119067929
Conc: 24.93 ng/ml



#14 Endrin

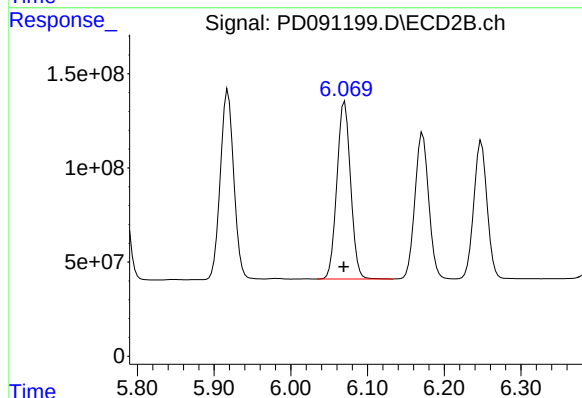
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 1124865549
Conc: 26.15 ng/ml



#15 Endosulfan II

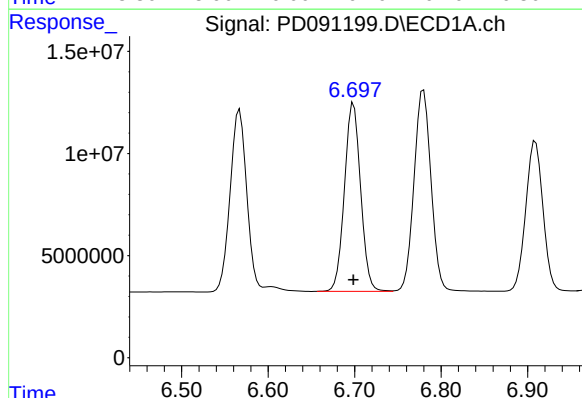
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 135498471
Conc: 25.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



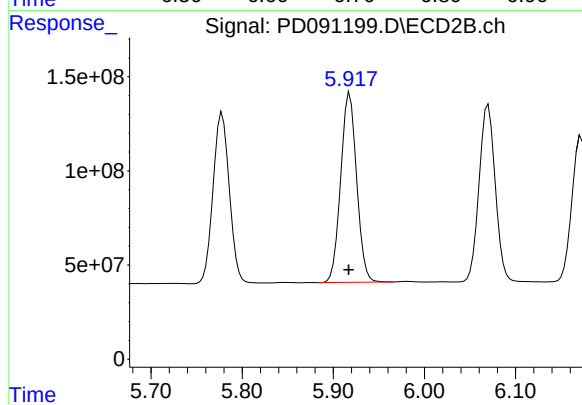
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 1168496692
Conc: 26.46 ng/ml



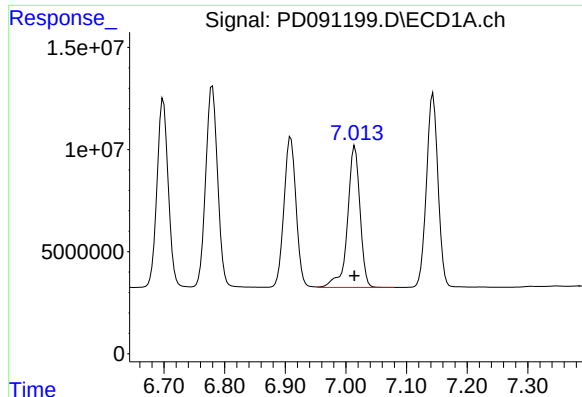
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 119065755
Conc: 25.30 ng/ml



#16 4,4'-DDD

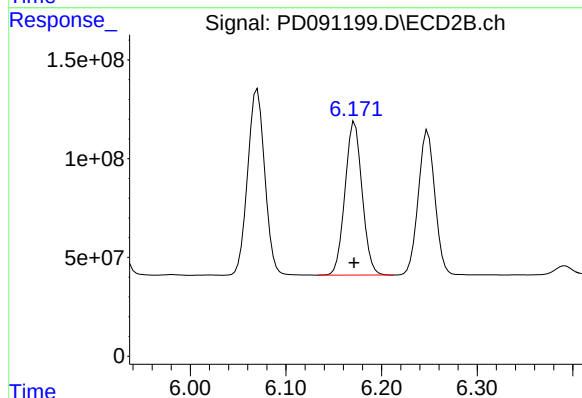
R.T.: 5.918 min
Delta R.T.: 0.001 min
Response: 1222854300
Conc: 26.53 ng/ml



#17 4,4'-DDT

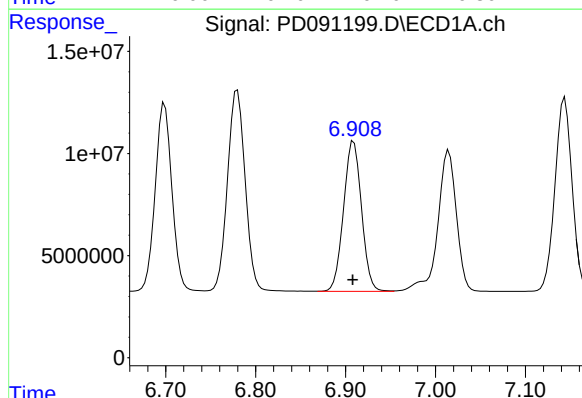
R.T.: 7.015 min
Delta R.T.: 0.001 min
Response: 99345097
Conc: 24.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



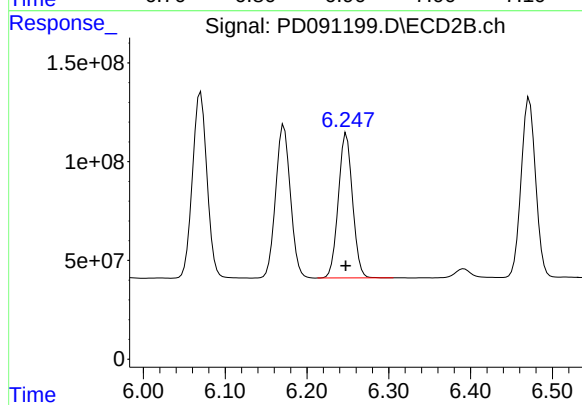
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 968705303
Conc: 25.34 ng/ml



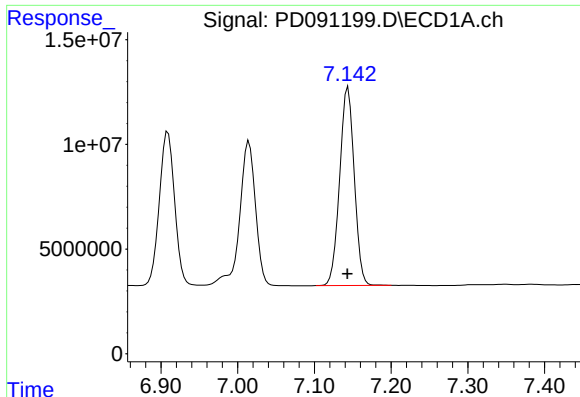
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 102196296
Conc: 26.32 ng/ml



#18 Endrin aldehyde

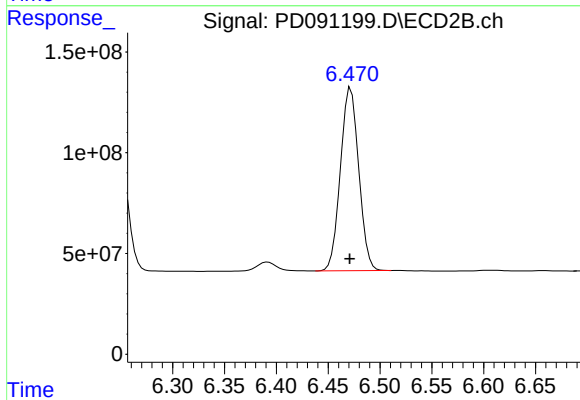
R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 882327642
Conc: 26.61 ng/ml



#19 Endosulfan Sulfate

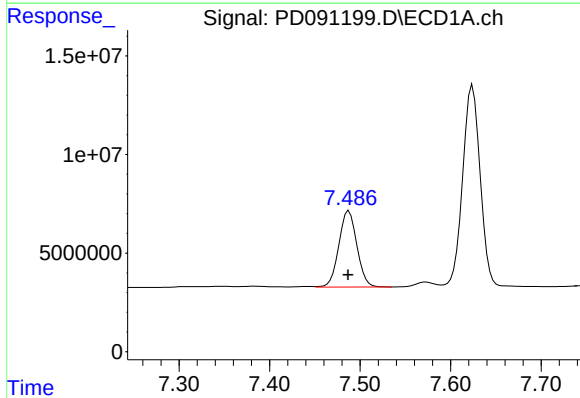
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 125593144
Conc: 25.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



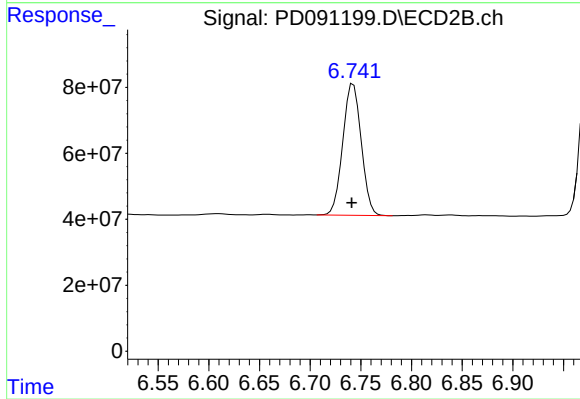
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.001 min
Response: 1117967518
Conc: 26.27 ng/ml



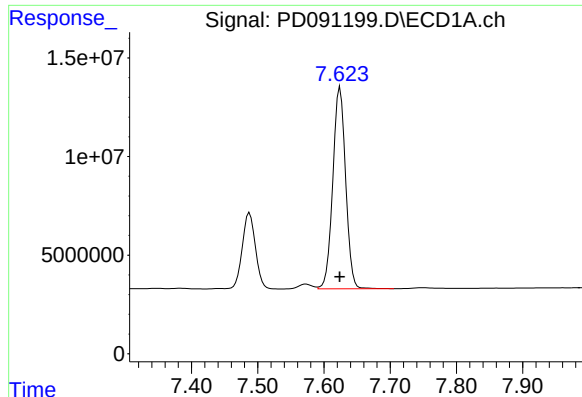
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 53585924
Conc: 26.16 ng/ml



#20 Methoxychlor

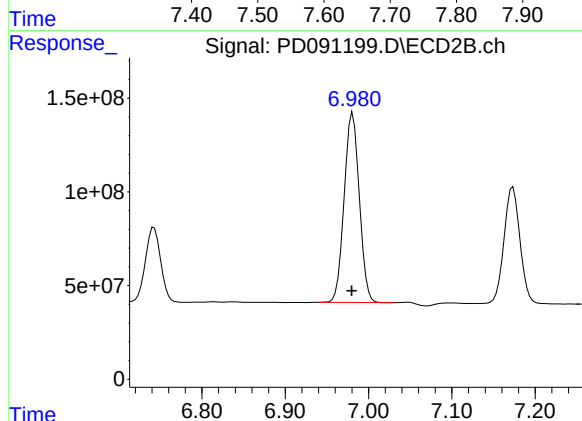
R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 505342886
Conc: 26.09 ng/ml



#21 Endrin ketone

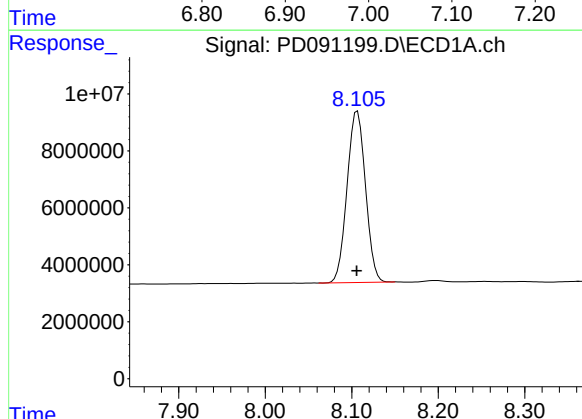
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 137680864
Conc: 25.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025



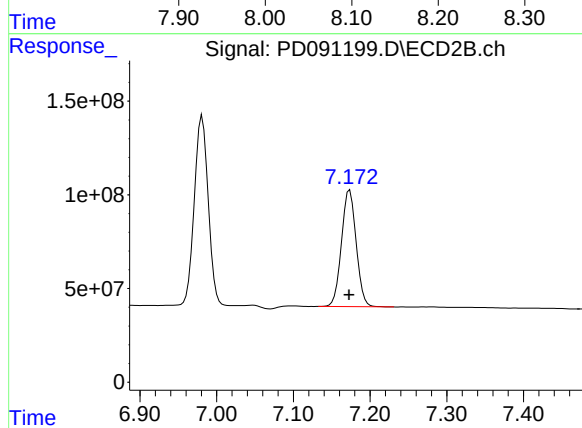
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 1278560143
Conc: 26.52 ng/ml



#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 88650675
Conc: 26.99 ng/ml



#22 Mirex

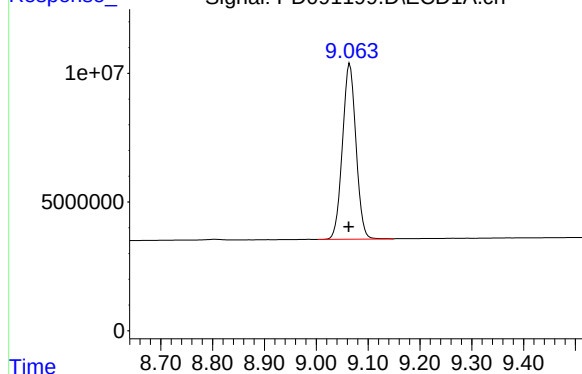
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 829238703
Conc: 26.63 ng/ml

Response_

Signal: PD091199.D\ECD1A.ch

#28 Decachlorobiphenyl

ICAL Form



R.T.: 9.065 min
Delta R.T.: 0.002 min
Response: 123792823
Conc: 26.72 ng/ml

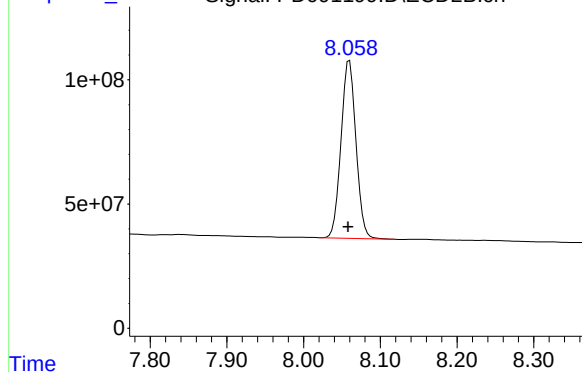
Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Time

Response_

Signal: PD091199.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 968881800
Conc: 26.10 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 21:51
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/17/2025
 Supervised By : Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:15:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:12:56 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	21004307	230.0E6	6.439m	6.652m
28)	SA Decachlor...	9.063	8.059	32689037	250.4E6	7.056	6.744
Target Compounds							
2)	A alpha-BHC	3.992	3.385	41908732	387.2E6	5.325	6.452
3)	MA gamma-BHC...	4.323	3.721	40207275	354.8E6	5.494	6.456
4)	MA Heptachlor	4.919	4.073	40291748	345.5E6	5.820m	6.600
5)	MB Aldrin	5.262	4.358	41159200	352.4E6	5.884	6.570
6)	B beta-BHC	4.511	4.017	18349309	154.0E6	6.742	6.806
7)	B delta-BHC	4.757	4.253	39887495	365.3E6	5.480m	6.601
8)	B Heptachlo...	5.681	4.862	38568147	328.6E6	6.223m	6.841
9)	A Endosulfan I	6.067	5.236	37227156	303.9E6	6.408	6.704
10)	B gamma-Chl...	5.939	5.114	37561958	337.9E6	6.047	6.502
11)	B alpha-Chl...	6.019	5.179	45659405	326.3E6	7.291	6.566
12)	B 4,4'-DDE	6.188	5.363	32717510	339.1E6	5.848	6.726
13)	MA Dieldrin	6.339	5.502	37022298	341.3E6	5.952	6.617
14)	MA Endrin	6.566	5.778	28273962	282.4E6	5.921	6.567
15)	B Endosulfa...	6.780	6.070	34393712	298.2E6	6.546	6.753
16)	A 4,4'-DDD	6.699	5.918	28725548	312.5E6	6.103	6.780
17)	MA 4,4'-DDT	7.014	6.172	22714196	221.4E6	5.646	5.792
18)	B Endrin al...	6.908	6.248	26987398	231.8E6	6.952	6.989
19)	B Endosulfa...	7.143	6.471	31867215	285.5E6	6.547	6.709
20)	A Methoxychlor	7.487	6.742	13392299	120.2E6	6.539	6.205
21)	B Endrin ke...	7.624	6.980	34435592	326.5E6	6.467	6.772
22)	Mirex	8.105	7.173	23674832	213.6E6	7.209	6.859

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:51
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :

ECD_D

Client Sample Id :

PSTDICC005

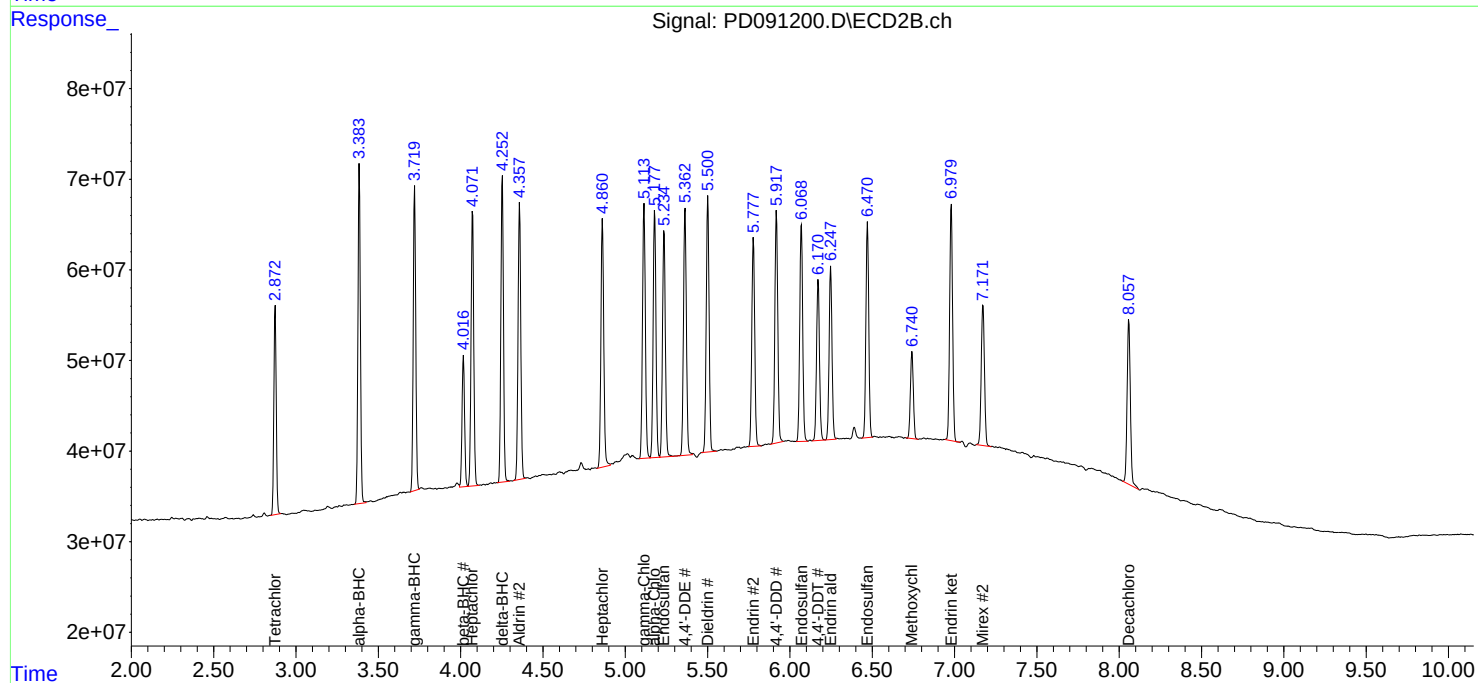
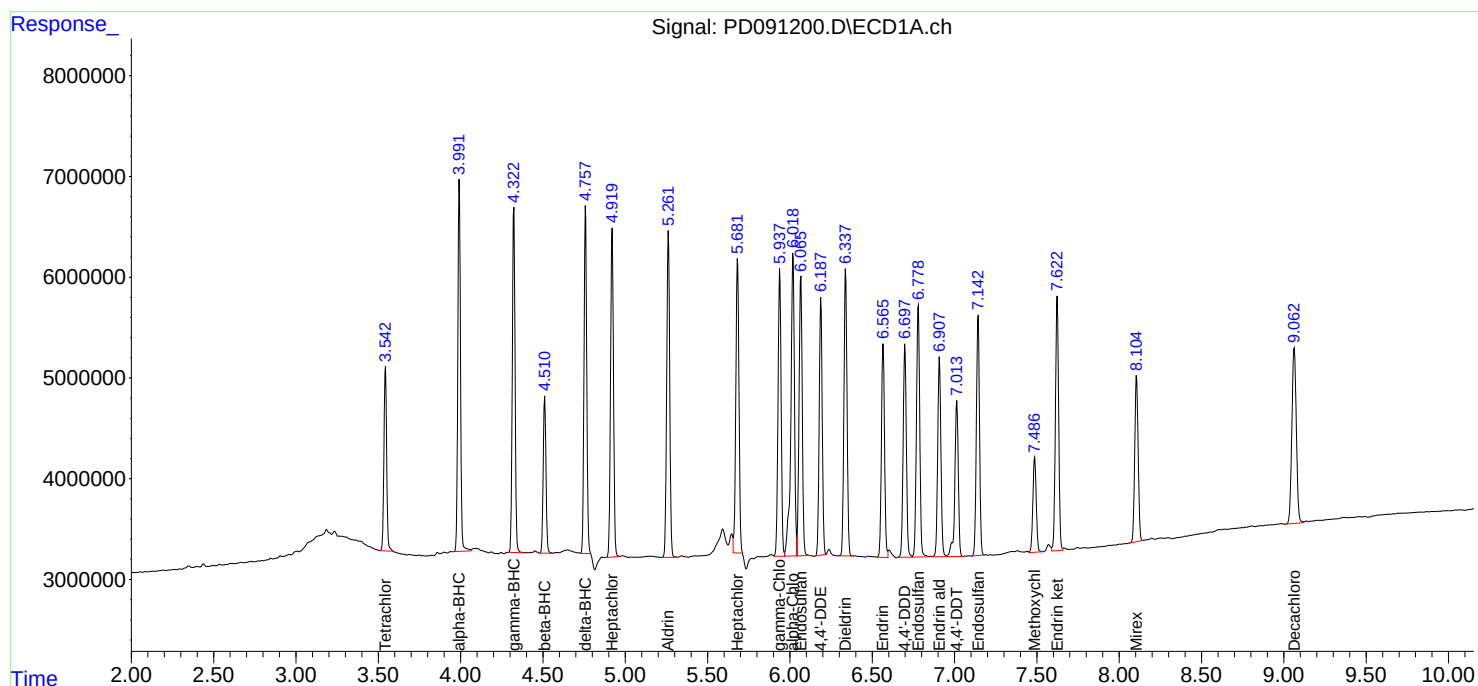
Manual Integrations

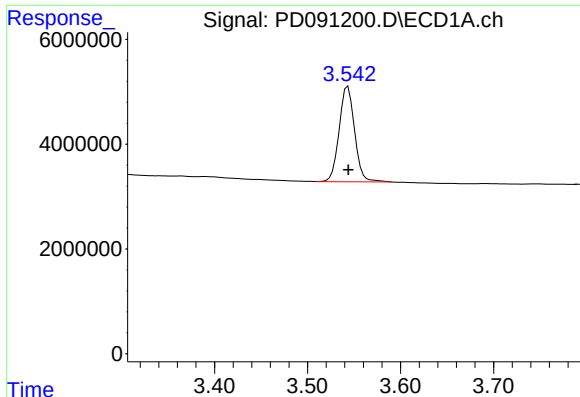
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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

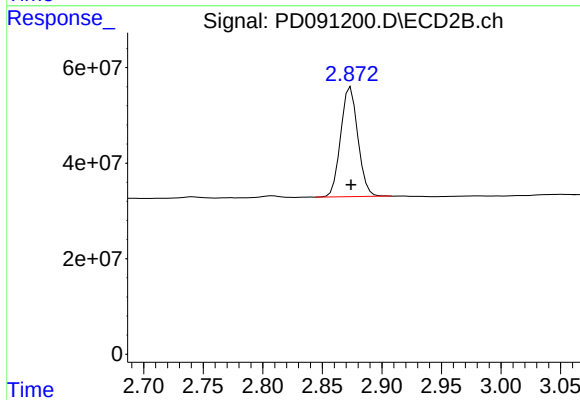
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 21004307
Conc: 6.44 ng/ml

ICAL Form

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

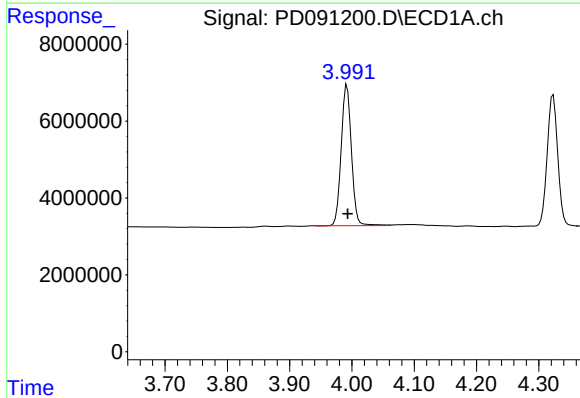
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



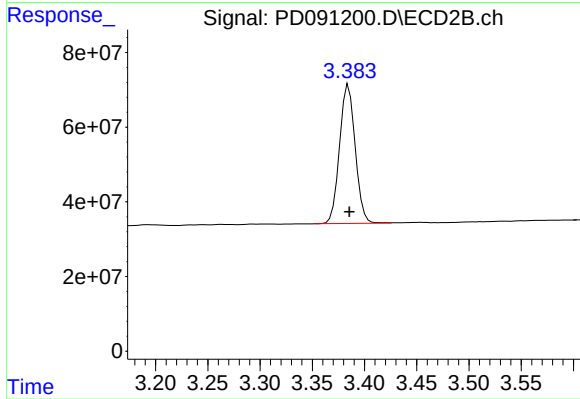
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 230023873
Conc: 6.65 ng/ml m



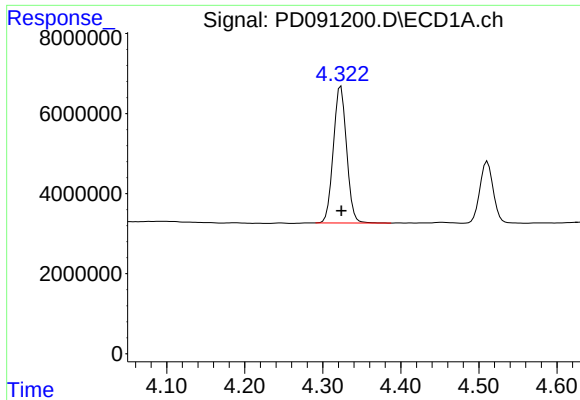
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 41908732
Conc: 5.32 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 387165868
Conc: 6.45 ng/ml



#3 gamma-BHC (Lindane)

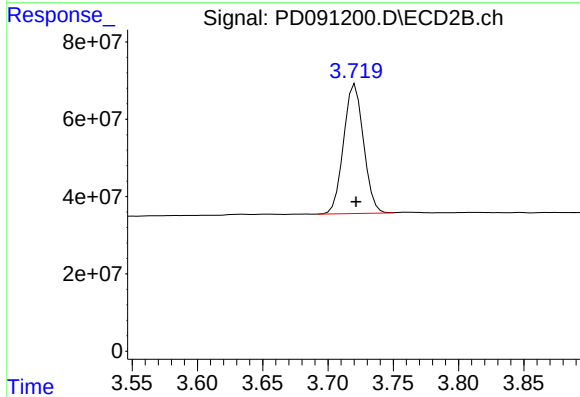
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 40207275
Conc: 5.49 ng/ml

ICAL Form

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

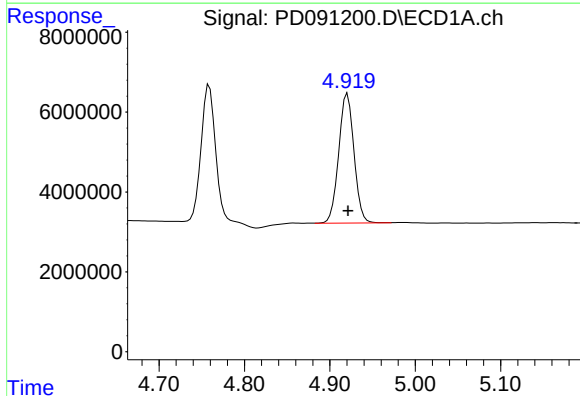
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



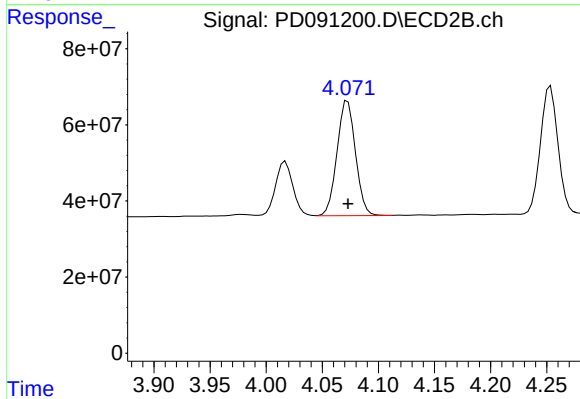
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 354806902
Conc: 6.46 ng/ml



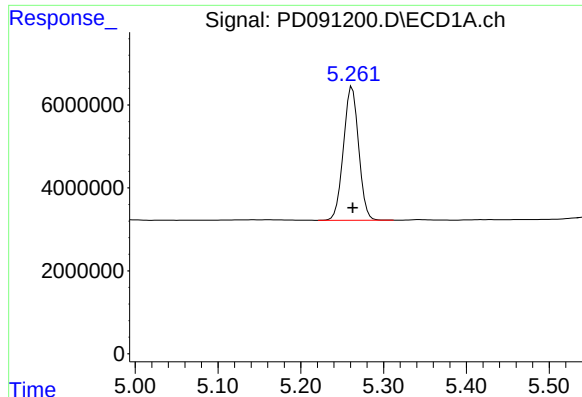
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 40291748
Conc: 5.82 ng/ml m



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 345476613
Conc: 6.60 ng/ml



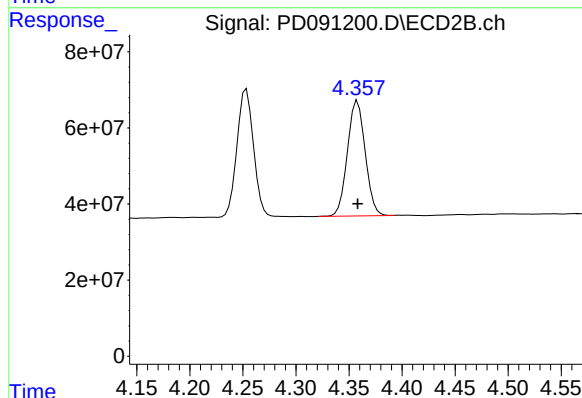
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 41159200
Conc: 5.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

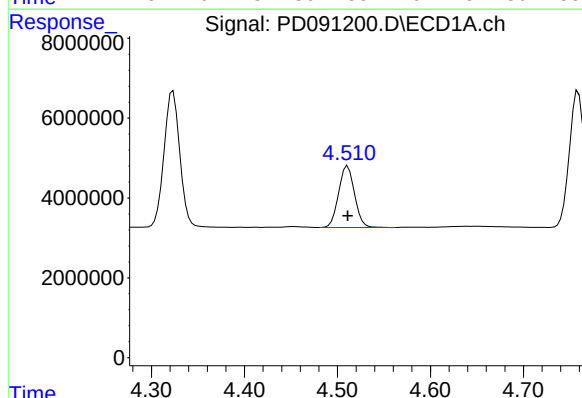
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



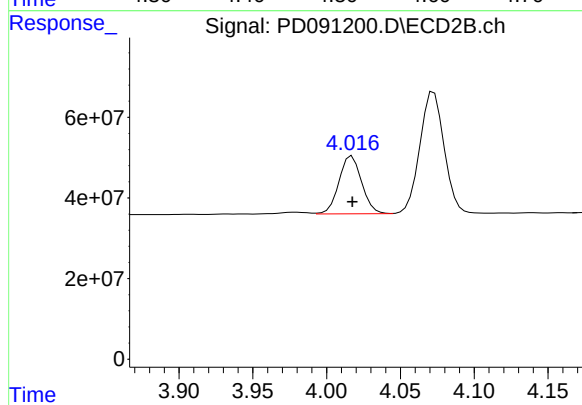
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 352425160
Conc: 6.57 ng/ml



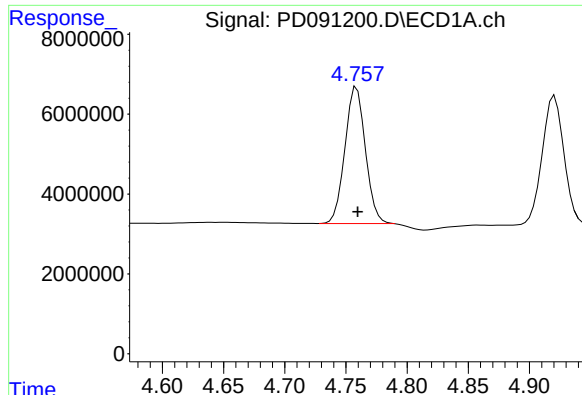
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 18349309
Conc: 6.74 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 154028887
Conc: 6.81 ng/ml



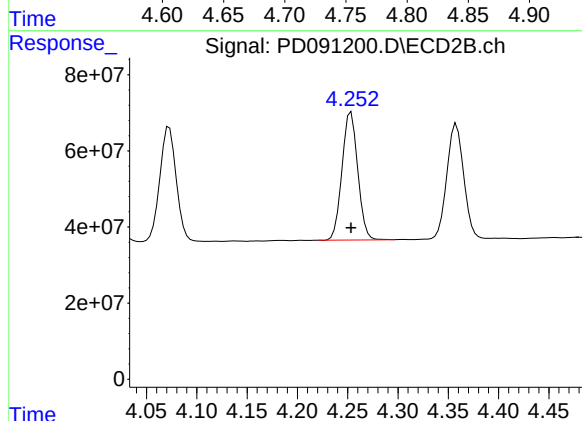
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 39887495
Conc: 5.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

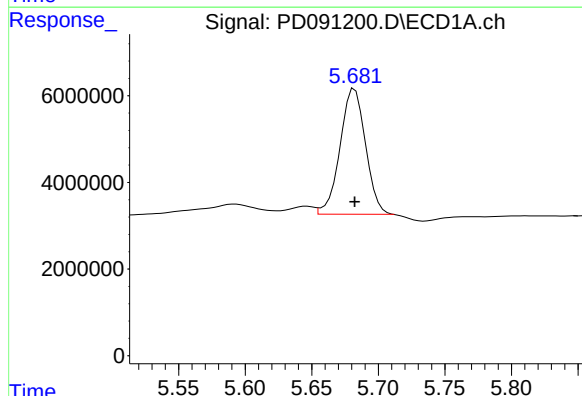
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



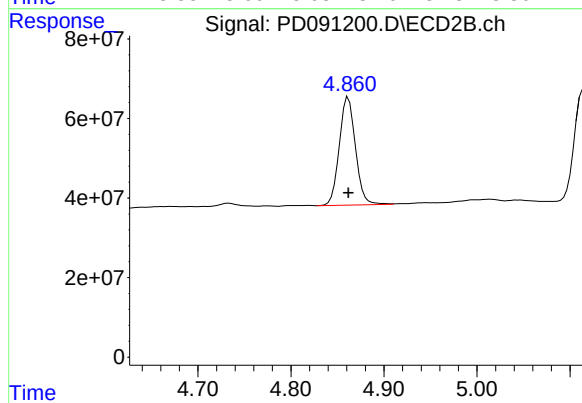
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 365280939
Conc: 6.60 ng/ml



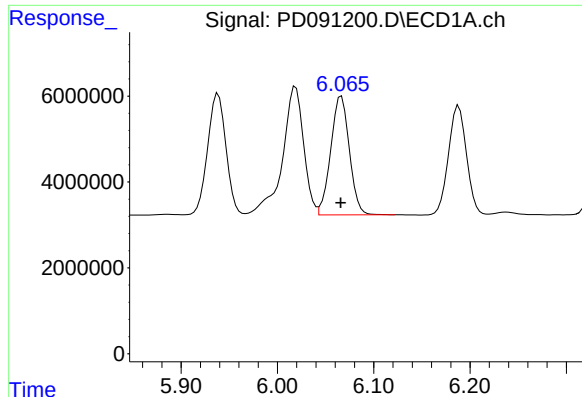
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 38568147
Conc: 6.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 328640678
Conc: 6.84 ng/ml



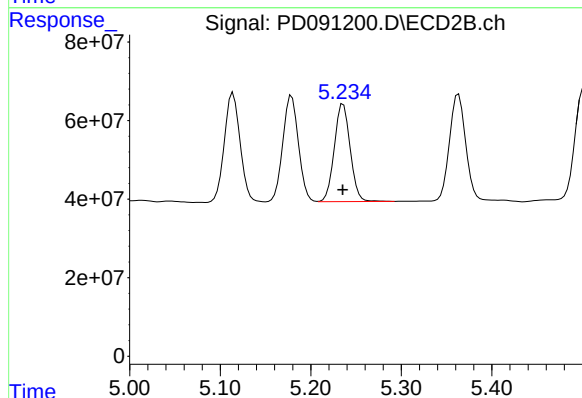
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 37227156
Conc: 6.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

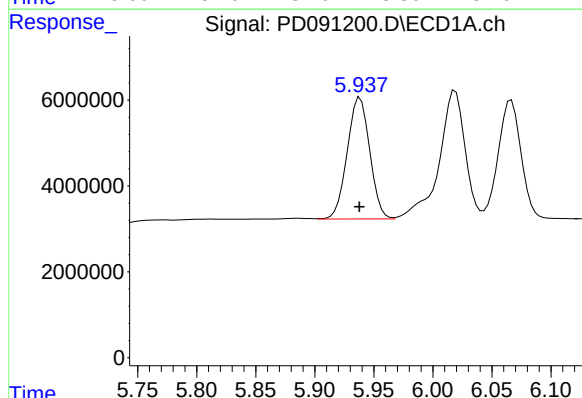
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



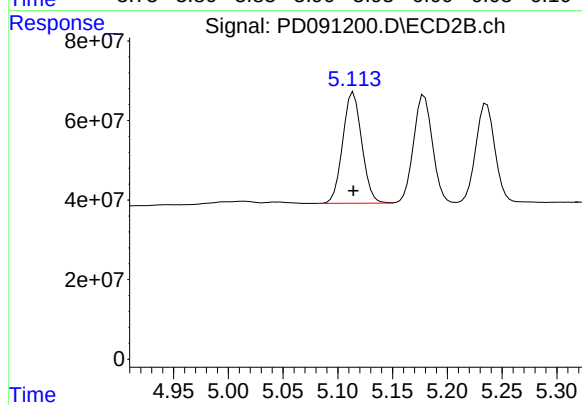
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 303904981
Conc: 6.70 ng/ml



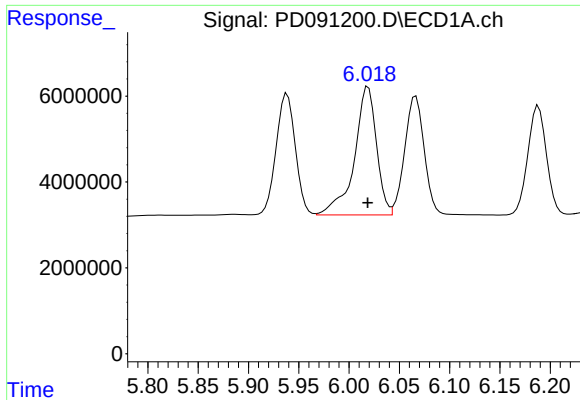
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 37561958
Conc: 6.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 337902485
Conc: 6.50 ng/ml



#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 45659405
Conc: 7.29 ng/ml

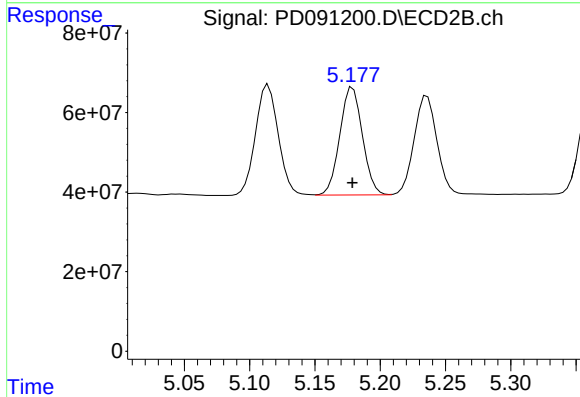
Instrument :

ECD_D

ClientSampleId :
PSTDICC005

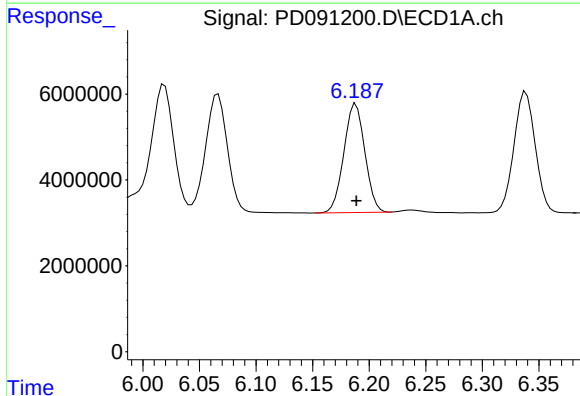
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



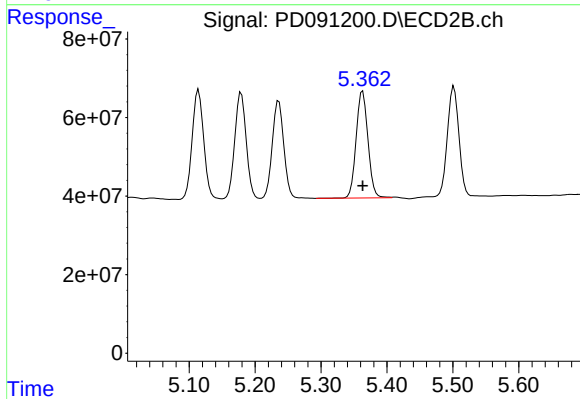
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 326306820
Conc: 6.57 ng/ml



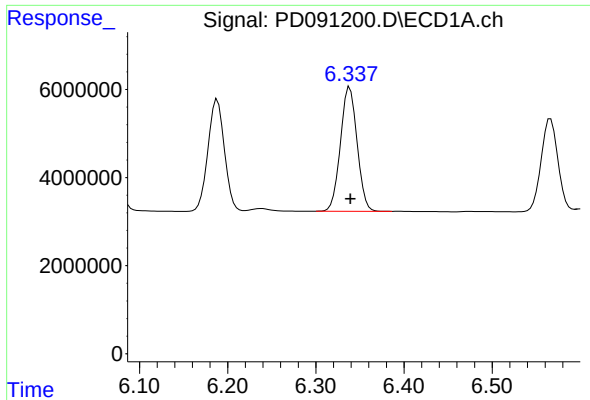
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 32717510
Conc: 5.85 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 339084649
Conc: 6.73 ng/ml



#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 37022298
Conc: 5.95 ng/ml

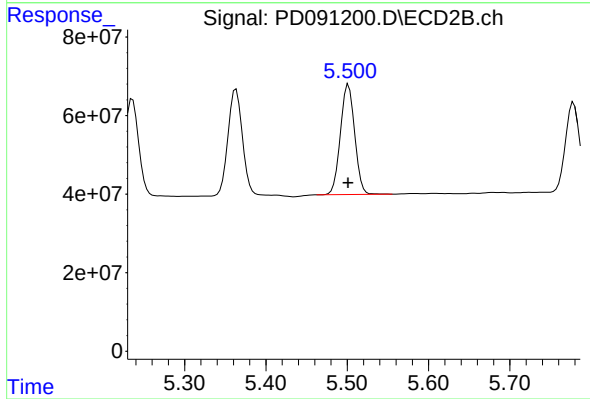
Instrument :

ECD_D

ClientSampleId :
PSTDICC005

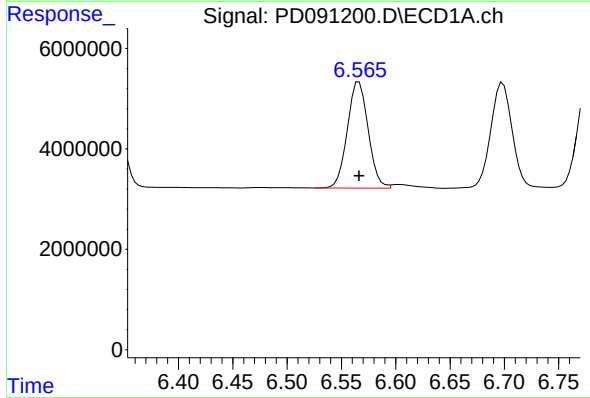
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



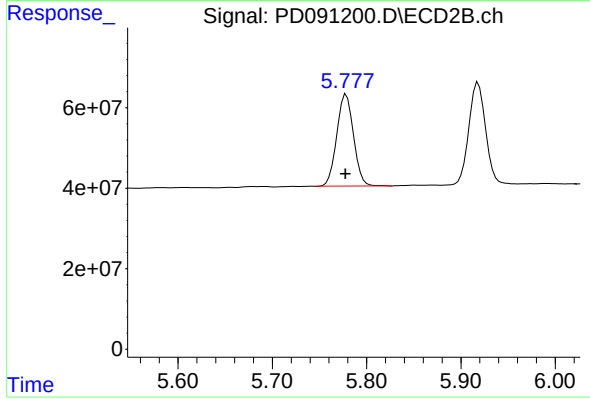
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 341329397
Conc: 6.62 ng/ml



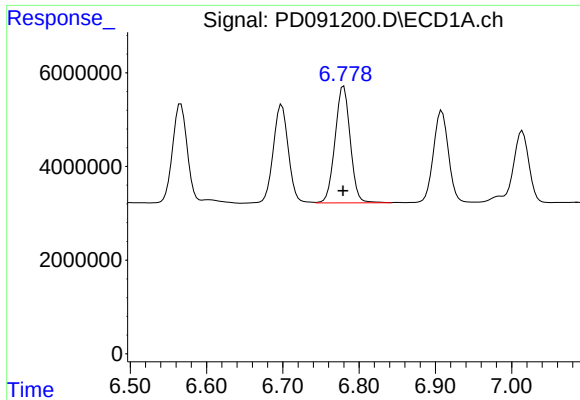
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 28273962
Conc: 5.92 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 282437832
Conc: 6.57 ng/ml



#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 34393712
Conc: 6.55 ng/ml

Instrument :

ECD_D

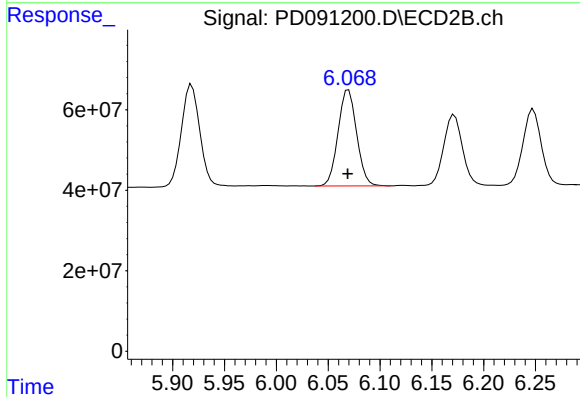
ClientSampleId :

PSTDICC005

Manual Integrations

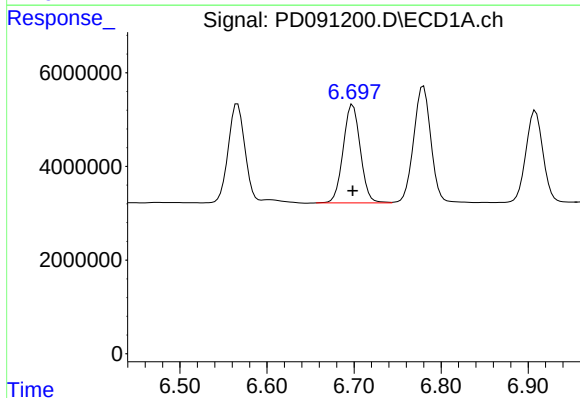
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



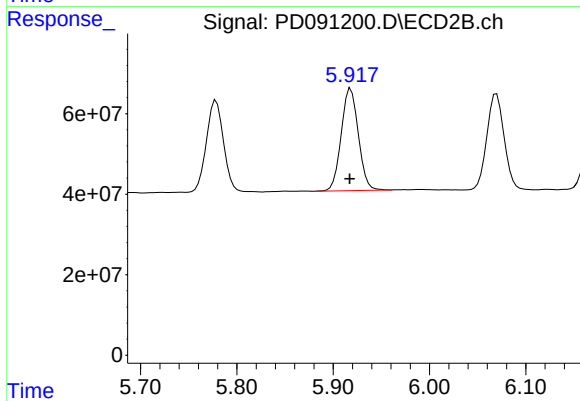
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 298199683
Conc: 6.75 ng/ml



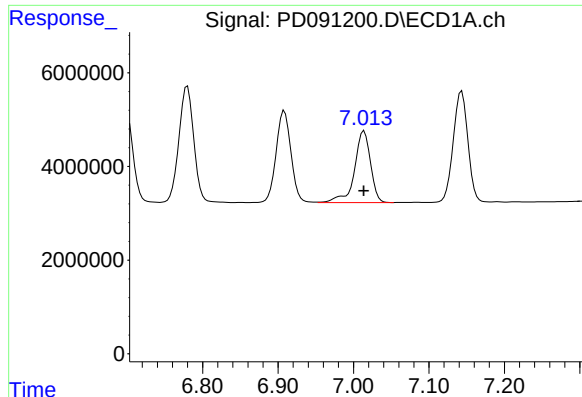
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 28725548
Conc: 6.10 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.001 min
Response: 312541603
Conc: 6.78 ng/ml



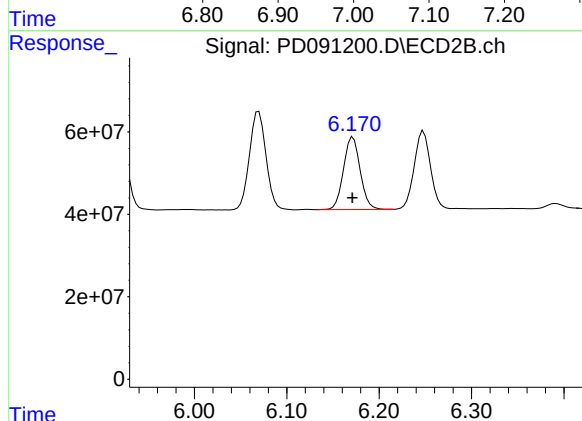
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 22714196
Conc: 5.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#17 4,4'-DDT

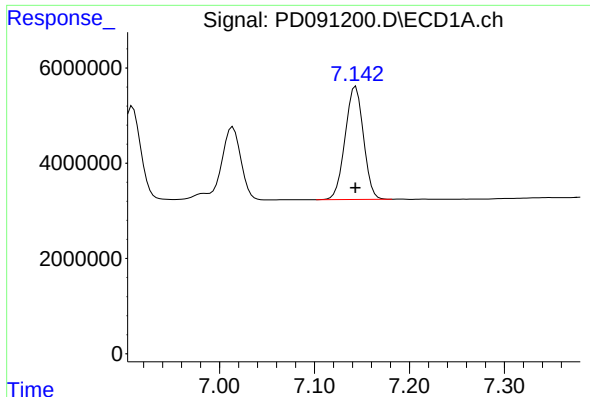
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 221392513
Conc: 5.79 ng/ml

#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 26987398
Conc: 6.95 ng/ml

#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 231751036
Conc: 6.99 ng/ml



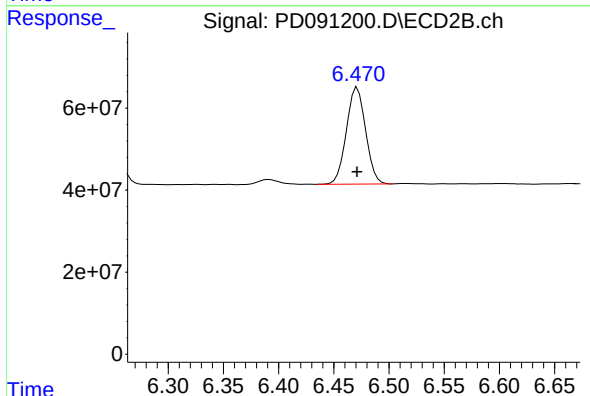
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 31867215
Conc: 6.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

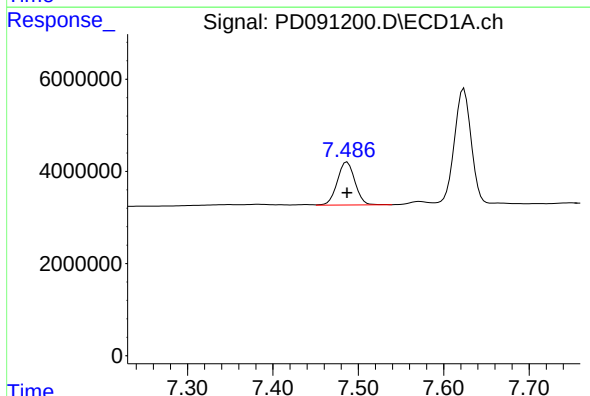
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



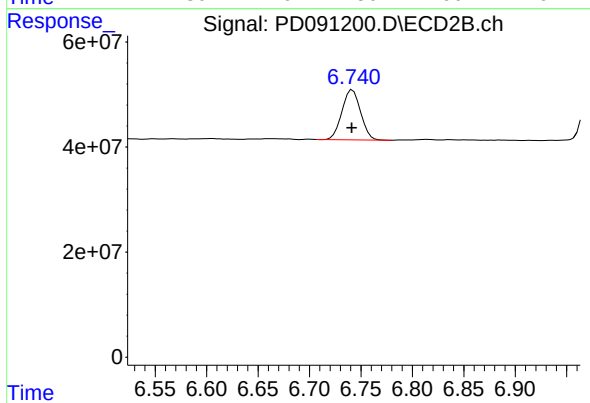
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 285506945
Conc: 6.71 ng/ml



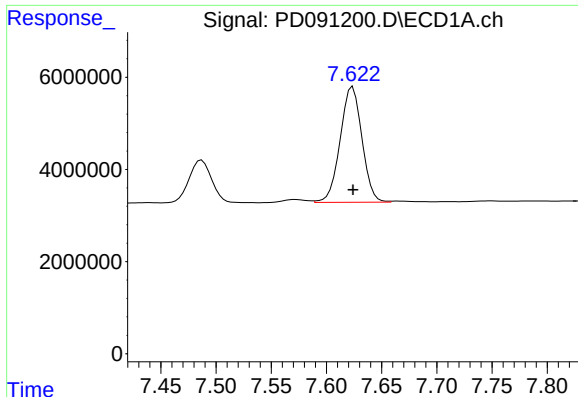
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 13392299
Conc: 6.54 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 120181202
Conc: 6.20 ng/ml



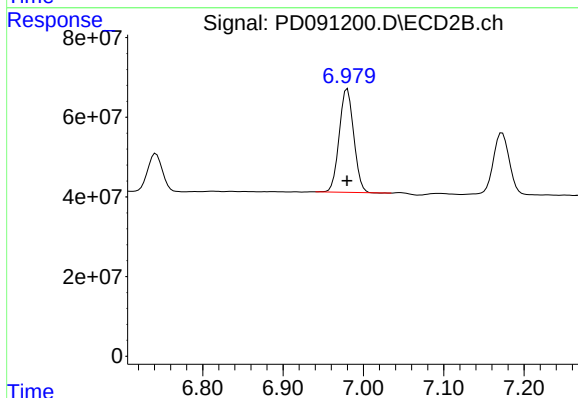
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 34435592
Conc: 6.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

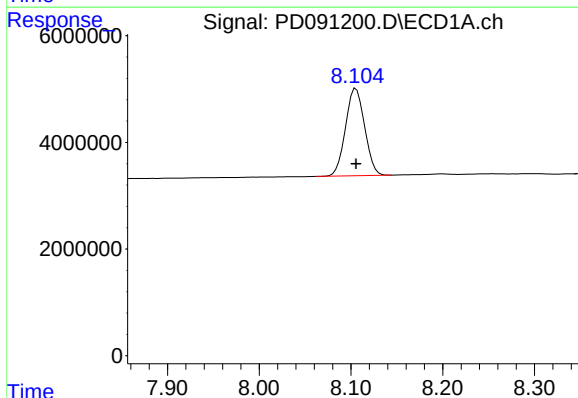
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



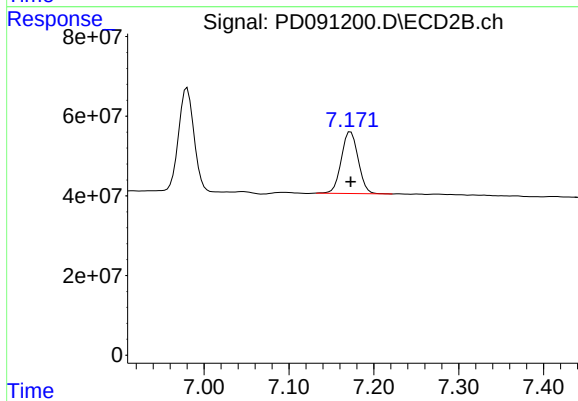
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 326496619
Conc: 6.77 ng/ml



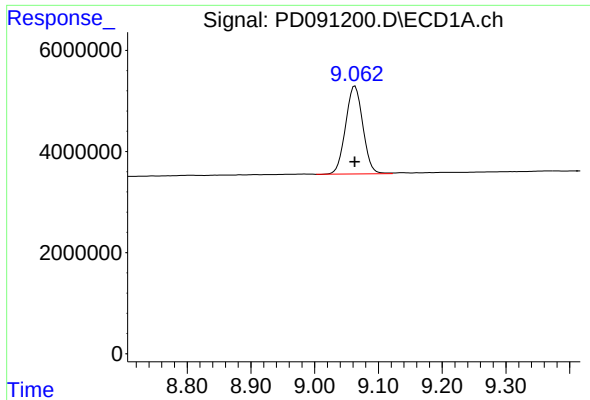
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 23674832
Conc: 7.21 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 213589844
Conc: 6.86 ng/ml



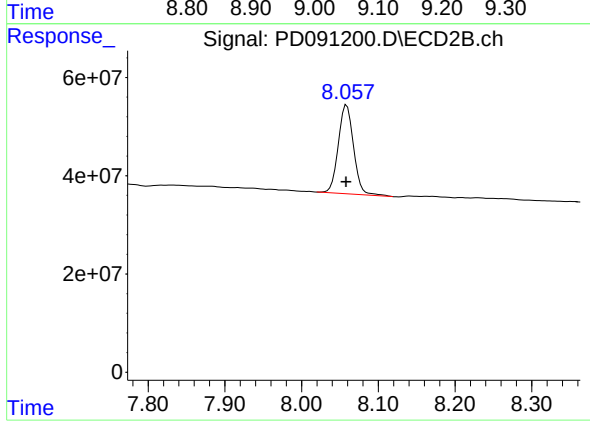
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 32689037
Conc: 7.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 250357930
Conc: 6.74 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 22:32
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:29:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:28:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.873	143.9E6	1902.7E6	50.000	50.000
28)	SA Decachlor...	9.063	8.058	209.3E6	1703.5E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.707	3.896	113.3E6	788.6E6	500.000	500.000
24)	Chlordane-2	5.233	4.476	110.4E6	798.4E6	500.000	500.000
25)	Chlordane-3	5.939	5.114	448.7E6	2625.7E6	500.000	500.000
26)	Chlordane-4	6.024	5.178	539.1E6	2177.3E6	500.000	500.000
27)	Chlordane-5	6.864	6.078	88781325	938.4E6	500.000	500.000

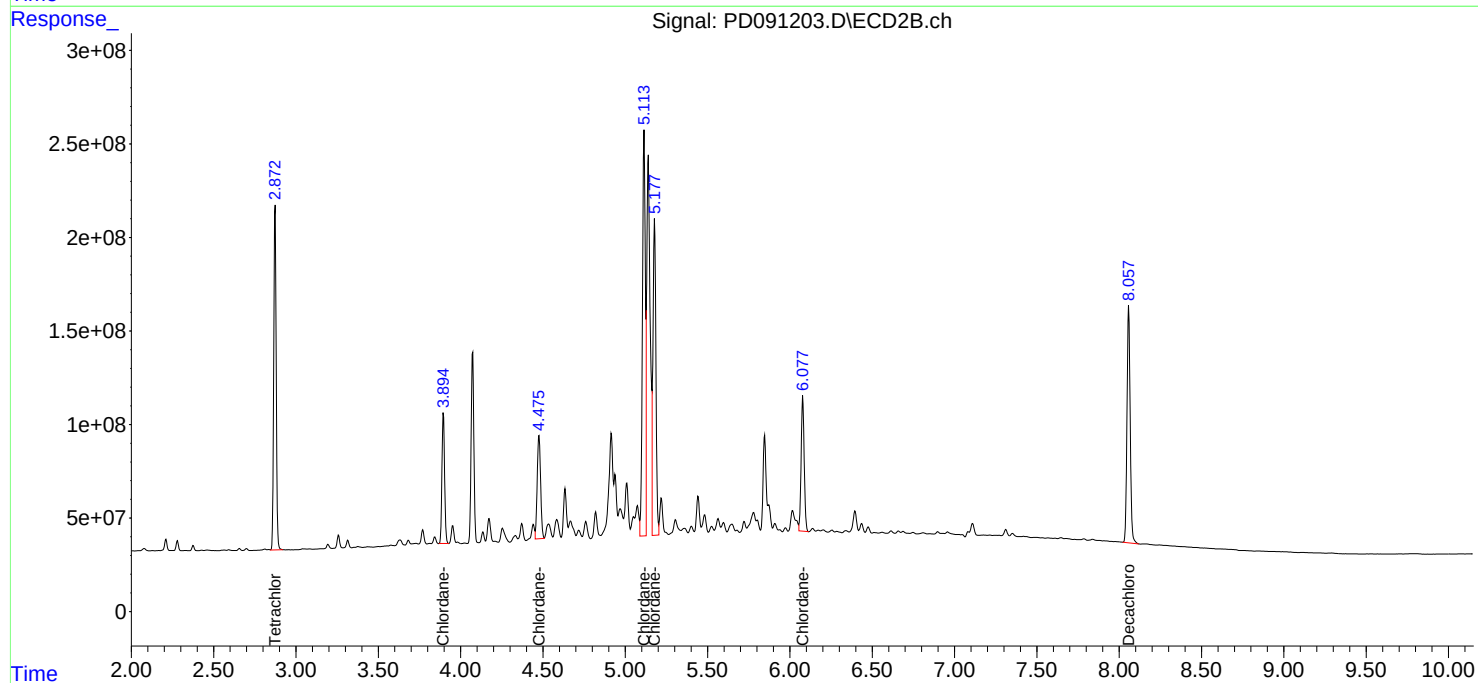
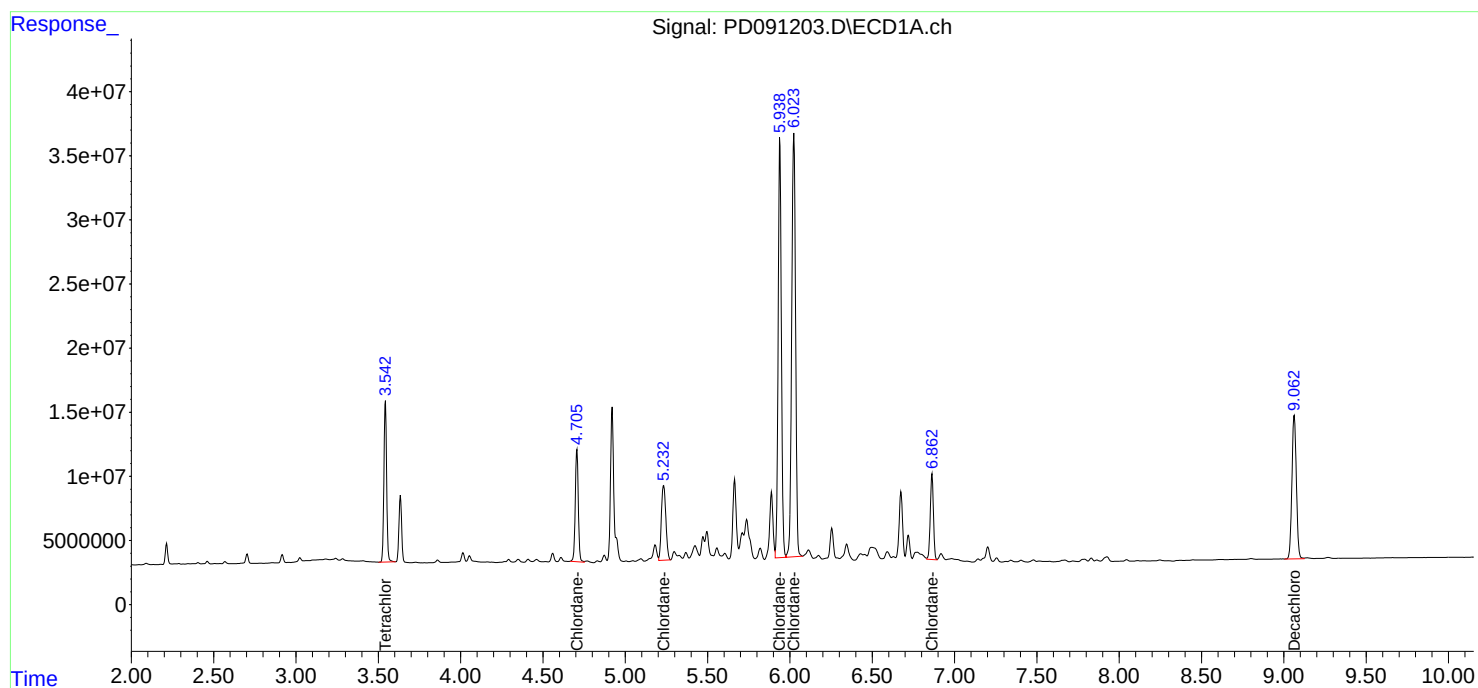
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

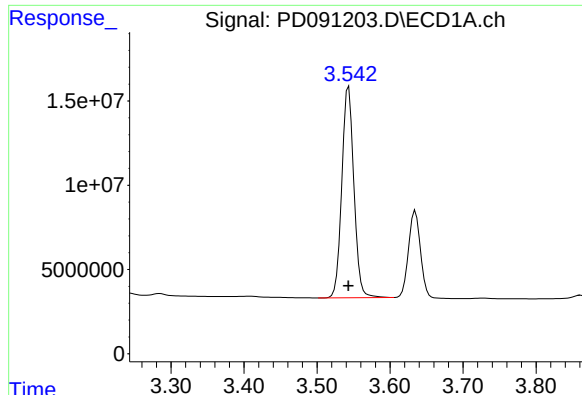
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 22:32
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:29:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:28:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

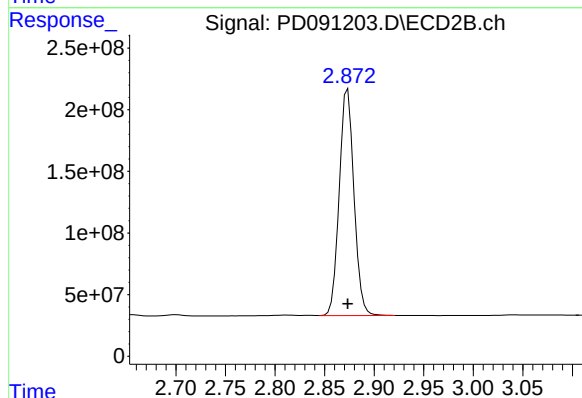




#1 Tetrachloro-m-xylene

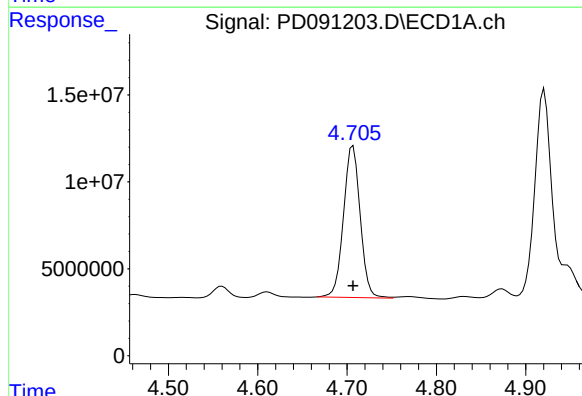
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 143891190
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



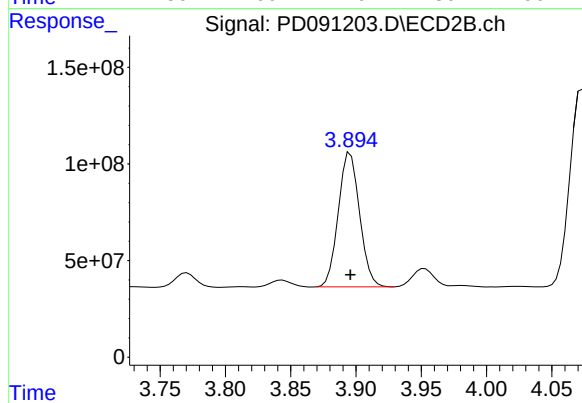
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: 0.000 min
Response: 1902723643
Conc: 50.00 ng/ml



#23 Chlordane-1

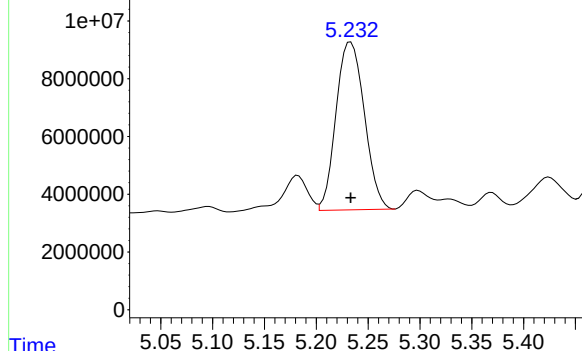
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 113279394
Conc: 500.00 ng/ml



#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 788566505
Conc: 500.00 ng/ml

Response_ Signal: PD091203.D\ECD1A.ch

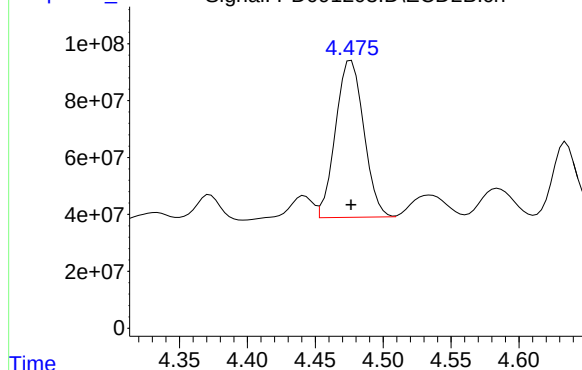


#24 Chlordane-2

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 110418770
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

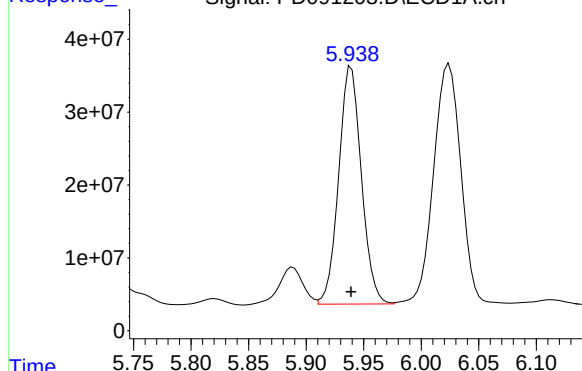
Time Response_ Signal: PD091203.D\ECD2B.ch



#24 Chlordane-2

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 798417588
Conc: 500.00 ng/ml

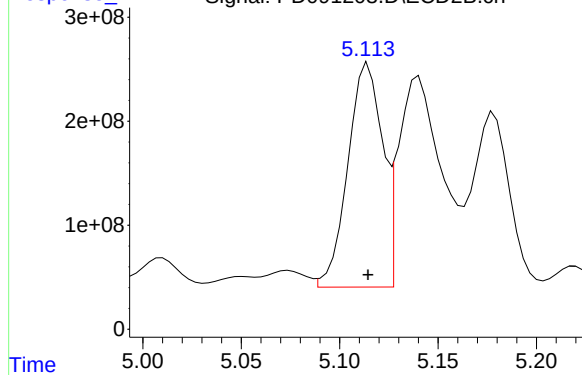
Time Response_ Signal: PD091203.D\ECD1A.ch



#25 Chlordane-3

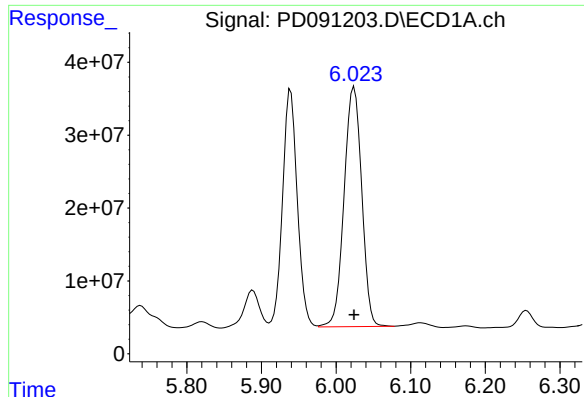
R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 448703112
Conc: 500.00 ng/ml

Time Response_ Signal: PD091203.D\ECD2B.ch



#25 Chlordane-3

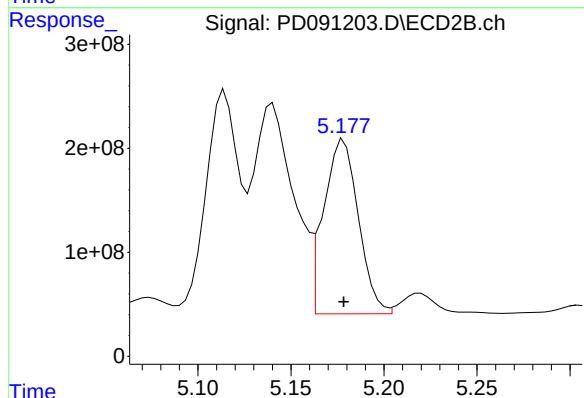
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 2625722277
Conc: 500.00 ng/ml



#26 Chlordane-4

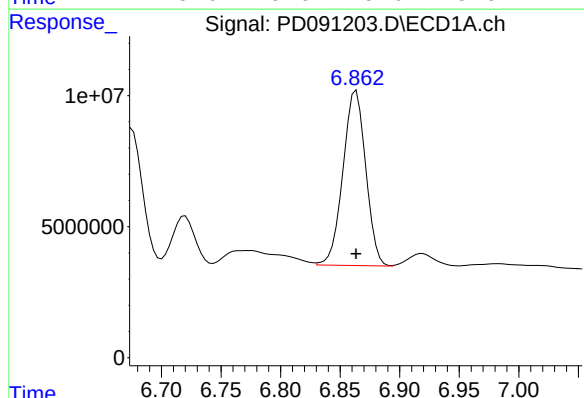
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 539101822
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



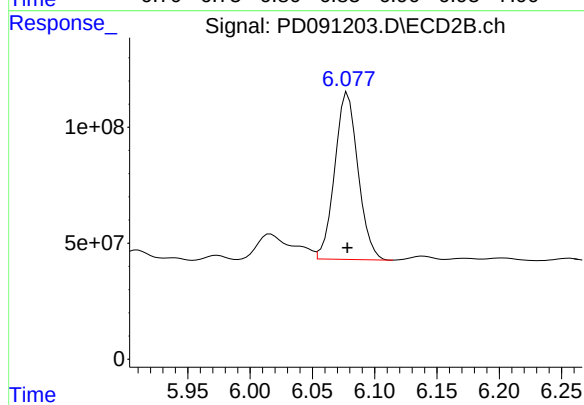
#26 Chlordane-4

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2177257914
Conc: 500.00 ng/ml



#27 Chlordane-5

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 88781325
Conc: 500.00 ng/ml



#27 Chlordane-5

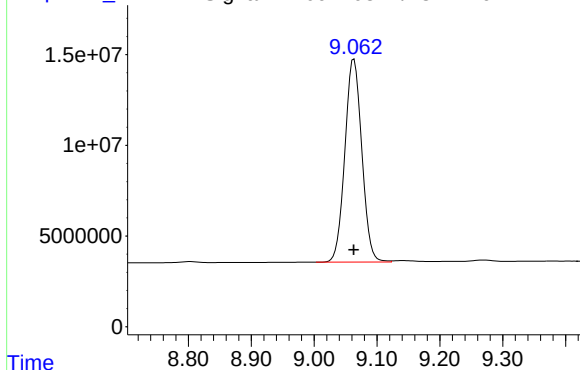
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 938395073
Conc: 500.00 ng/ml

Response_

Signal: PD091203.D\ECD1A.ch

#28 Decachlorobiphenyl

ICAL Form



R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 209287182
Conc: 50.00 ng/ml

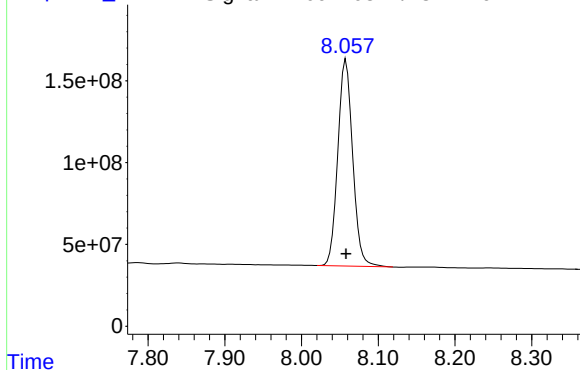
Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Time

Response_

Signal: PD091203.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1703523968
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091208.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 23:40
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 05:12:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 05:11:28 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. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

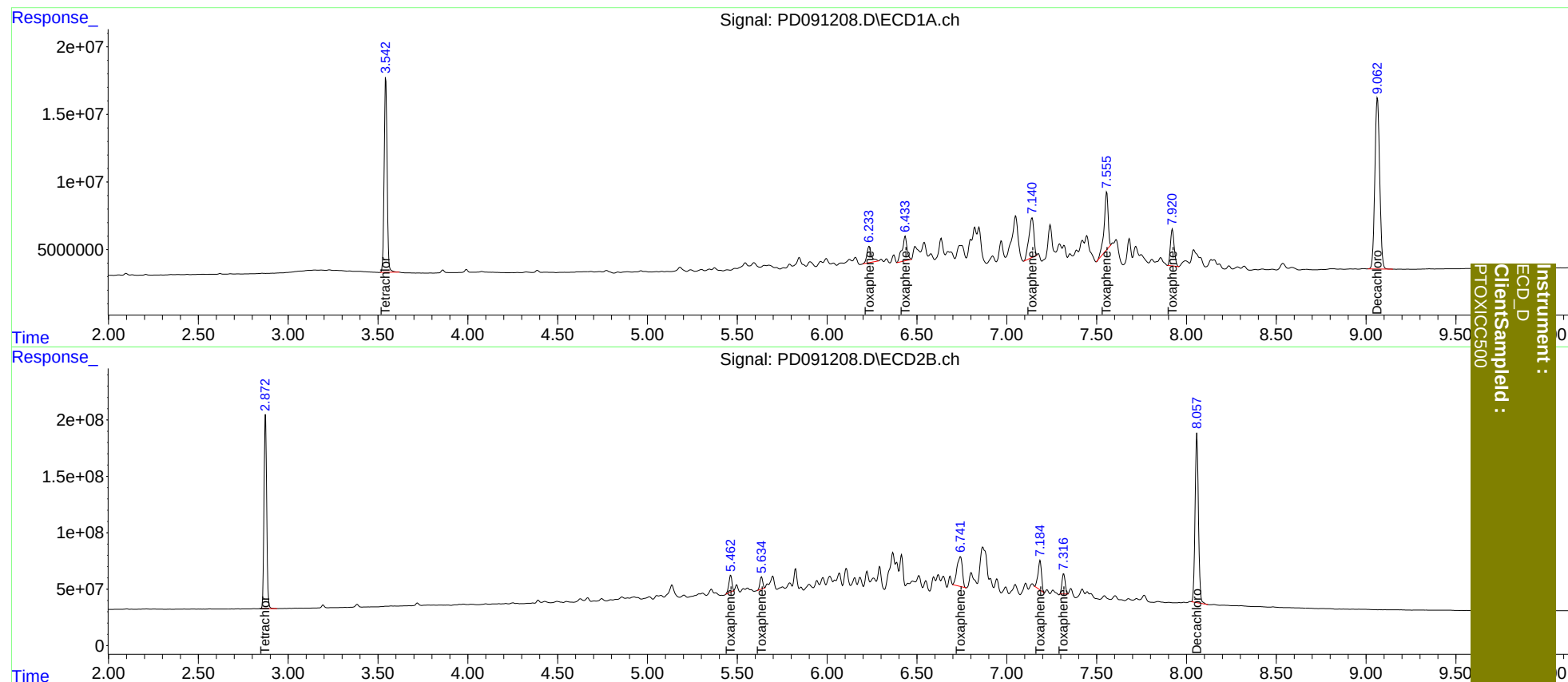
System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.874	163.5E6	1762.4E6	50.000	50.000
7) SA Decachlor...	9.063	8.058	236.5E6	1944.6E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.234	5.463	21406071	174.2E6	500.000	500.000
3) Toxaphene-2	6.435	5.635	34489739	115.5E6	500.000	500.000
4) Toxaphene-3	7.141	6.743	56311870	545.5E6	500.000	500.000
5) Toxaphene-4	7.556	7.186	65356075	352.5E6	500.000	500.000
6) Toxaphene-5	7.922	7.317	39645850	221.3E6	500.000	500.000

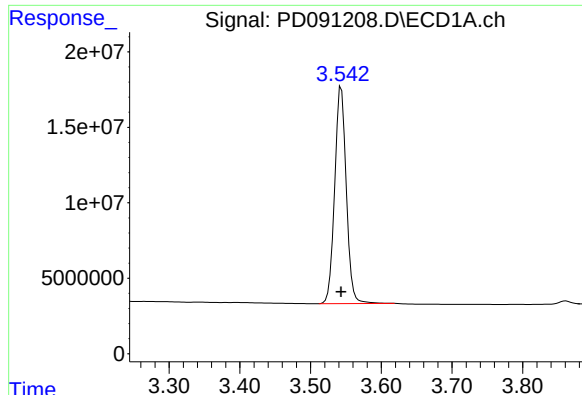
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 23:40
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:12:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:11:28 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. Signal #2 Info : 30M x 0.32mm x0.25µm

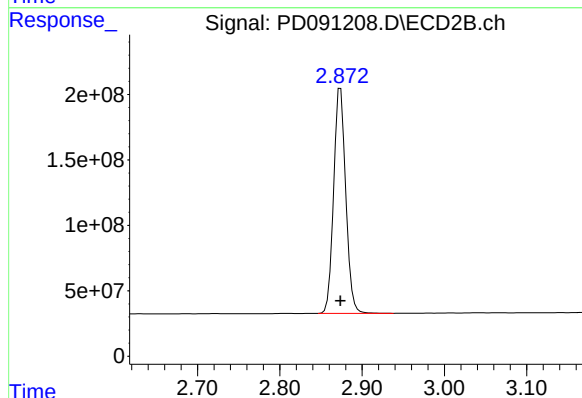




#1 Tetrachloro-m-xylene

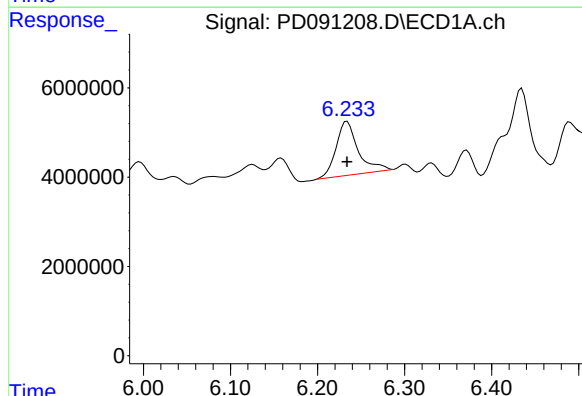
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 163521675
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



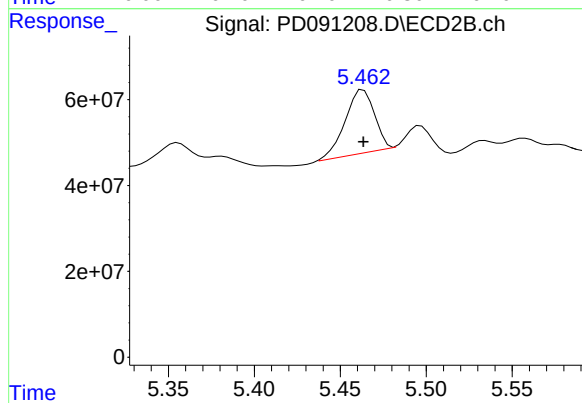
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1762444495
Conc: 50.00 ng/ml



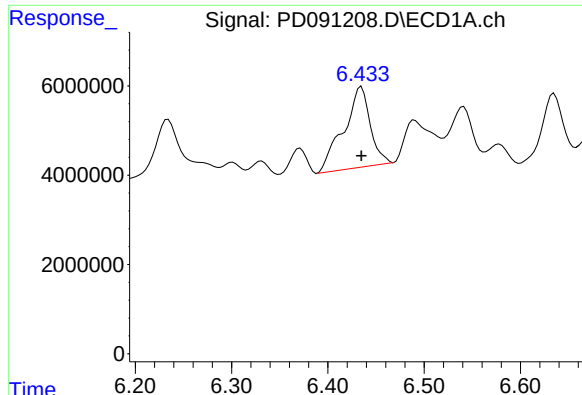
#2 Toxaphene-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 21406071
Conc: 500.00 ng/ml



#2 Toxaphene-1

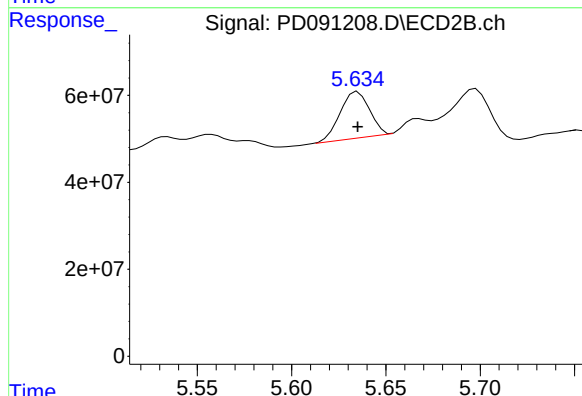
R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 174235676
Conc: 500.00 ng/ml



#3 Toxaphene-2

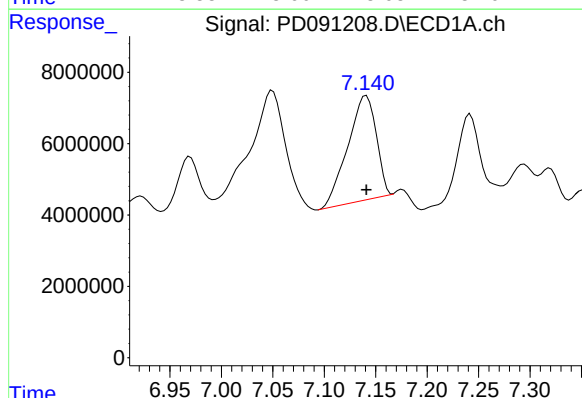
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 34489739
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



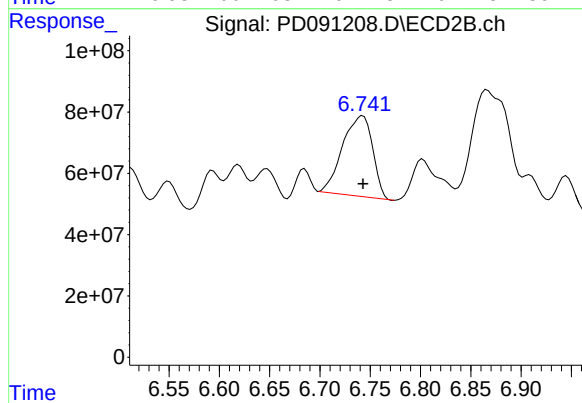
#3 Toxaphene-2

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 115536233
Conc: 500.00 ng/ml



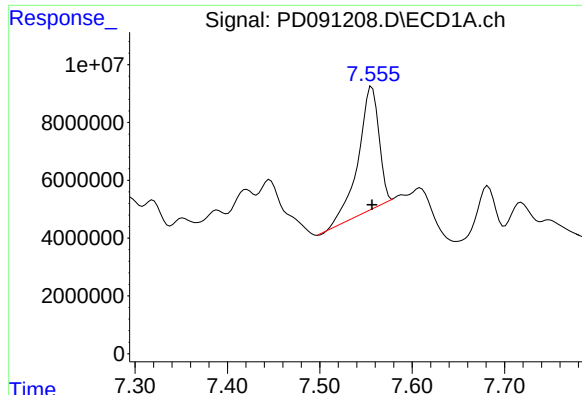
#4 Toxaphene-3

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 56311870
Conc: 500.00 ng/ml



#4 Toxaphene-3

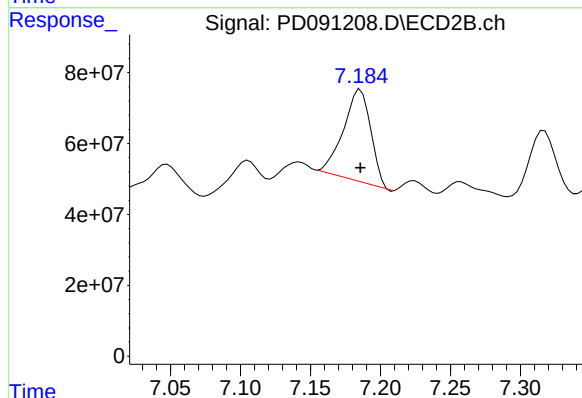
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 545509924
Conc: 500.00 ng/ml



#5 Toxaphene-4

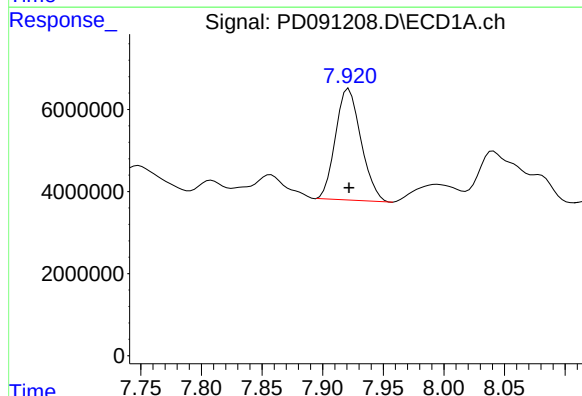
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 65356075
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PTOXICC500



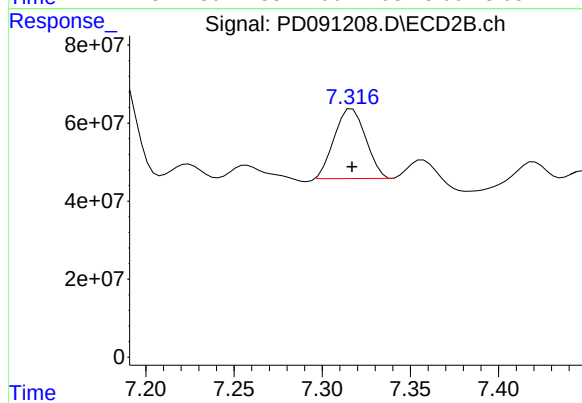
#5 Toxaphene-4

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 352528972
Conc: 500.00 ng/ml



#6 Toxaphene-5

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 39645850
Conc: 500.00 ng/ml



#6 Toxaphene-5

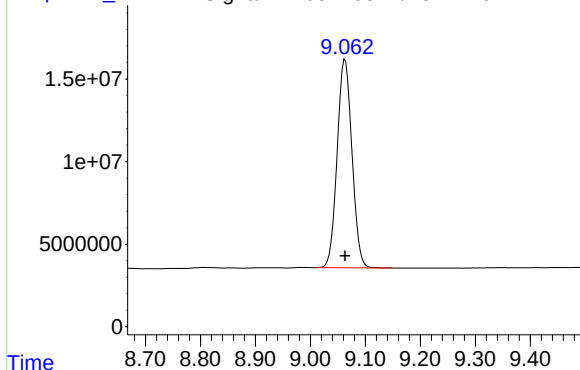
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 221251163
Conc: 500.00 ng/ml

Response_

Signal: PD091208.D\ECD1A.ch

#7 Decachlorobiphenyl

ICAL Form



R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 236513576
Conc: 50.00 ng/ml

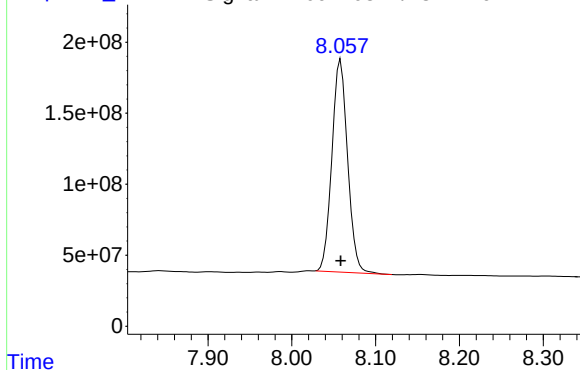
Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Time

Response_

Signal: PD091208.D\ECD2B.ch

#7 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1944599169
Conc: 50.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2025 00:21
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:49:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	162.5E6	1718.4E6	47.132	46.911
28)	SA Decachlor...	9.063	8.058	232.3E6	1905.9E6	46.634	48.160
Target Compounds							
2)	A alpha-BHC	3.993	3.385	390.8E6	2984.9E6	48.872	47.228
3)	MA gamma-BHC...	4.324	3.721	361.9E6	2728.5E6	48.435	47.188
4)	MA Heptachlor	4.921	4.073	342.0E6	2581.9E6	47.755	46.765
5)	MB Aldrin	5.262	4.358	348.3E6	2666.1E6	47.995	47.222
6)	B beta-BHC	4.511	4.017	135.0E6	1124.4E6	46.461	46.799
7)	B delta-BHC	4.760	4.253	363.6E6	2741.9E6	48.917	46.888
8)	B Heptachlo...	5.683	4.862	313.5E6	2381.7E6	48.259	46.737
9)	A Endosulfan I	6.067	5.235	288.8E6	2250.9E6	47.010	47.039
10)	B gamma-Chl...	5.938	5.114	308.9E6	2585.4E6	47.516	47.328
11)	B alpha-Chl...	6.019	5.179	316.9E6	2460.3E6	46.047	47.013
12)	B 4,4'-DDE	6.188	5.363	276.9E6	2496.0E6	47.745	46.704
13)	MA Dieldrin	6.339	5.501	309.0E6	2552.1E6	47.803	46.991
14)	MA Endrin	6.566	5.778	234.4E6	2114.9E6	47.229	46.798
15)	B Endosulfa...	6.779	6.070	260.8E6	2189.8E6	46.913	46.910
16)	A 4,4'-DDD	6.698	5.917	235.1E6	2292.3E6	47.858	46.907
17)	MA 4,4'-DDT	7.014	6.171	197.9E6	1882.1E6	47.844	48.095
18)	B Endrin al...	6.908	6.248	193.5E6	1652.0E6	46.452	46.813
19)	B Endosulfa...	7.143	6.471	241.2E6	2113.4E6	46.888	47.137
20)	A Methoxychlor	7.487	6.742	101.6E6	965.3E6	46.720	48.141
21)	B Endrin ke...	7.623	6.980	268.5E6	2432.9E6	47.664	47.746
22)	Mirex	8.105	7.172	165.8E6	1568.2E6	46.599	47.322

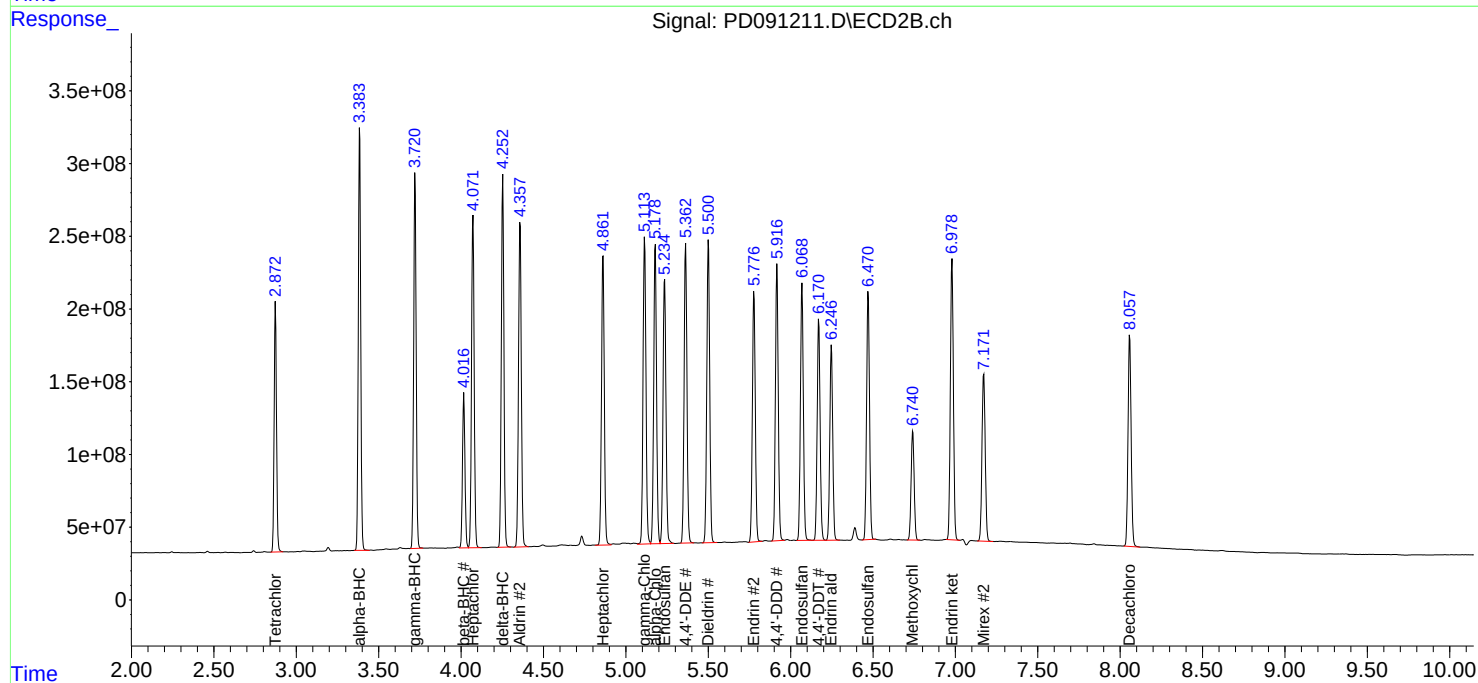
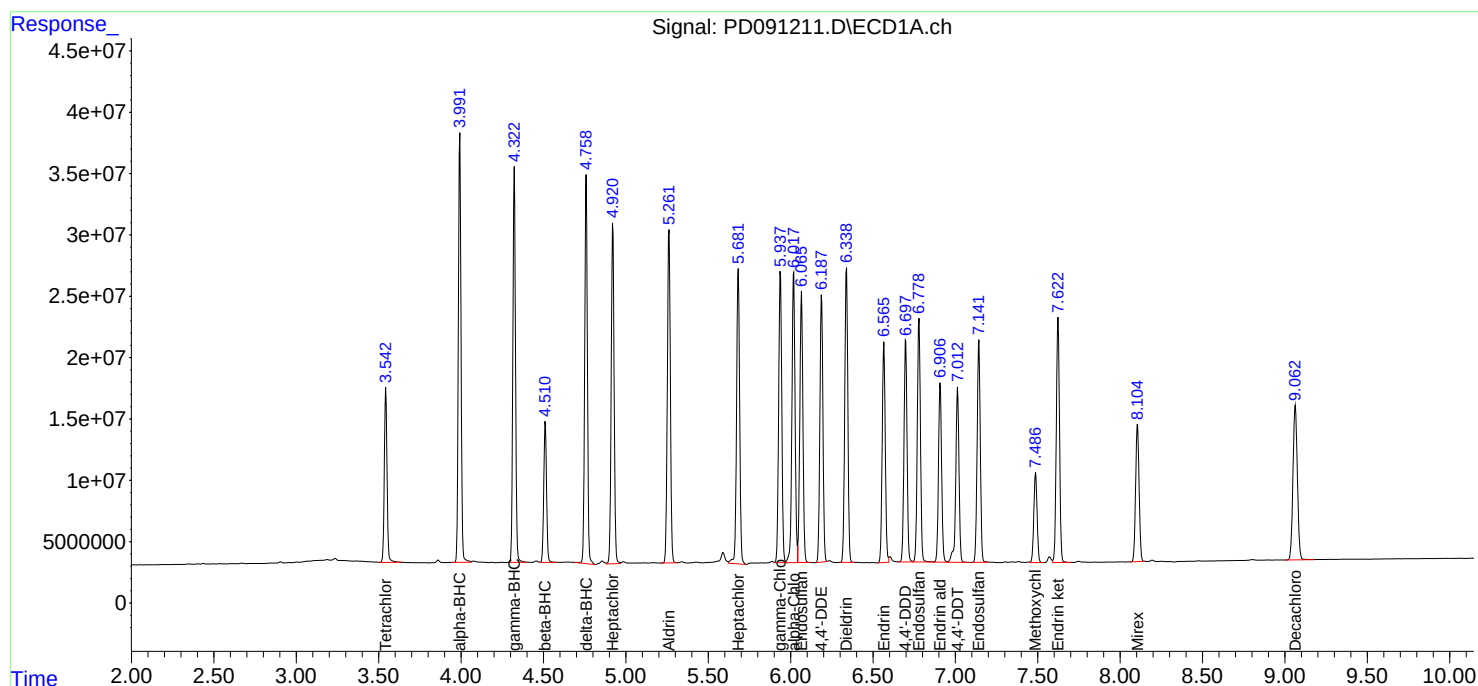
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

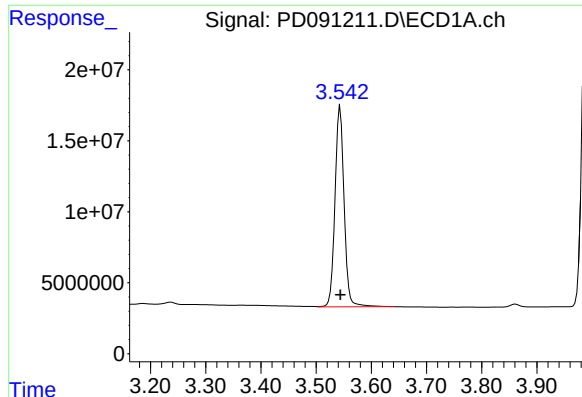
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:21
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

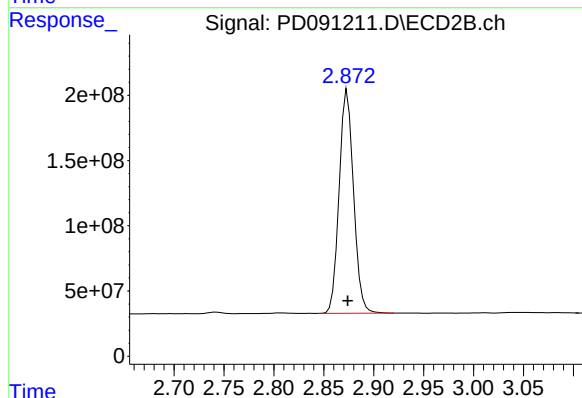




#1 Tetrachloro-m-xylene

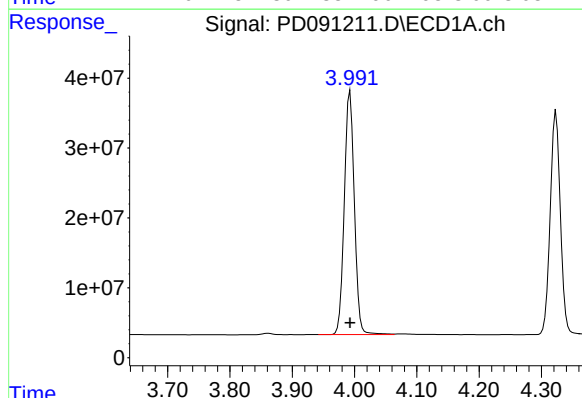
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 162539345
Conc: 47.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



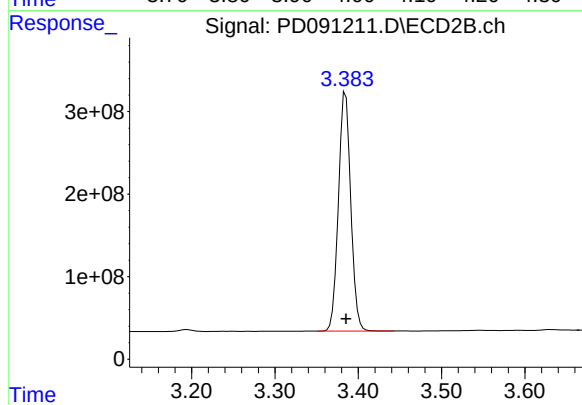
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1718376343
Conc: 46.91 ng/ml



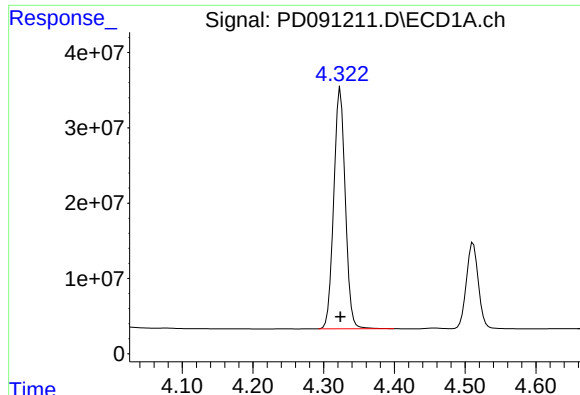
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 390755602
Conc: 48.87 ng/ml



#2 alpha-BHC

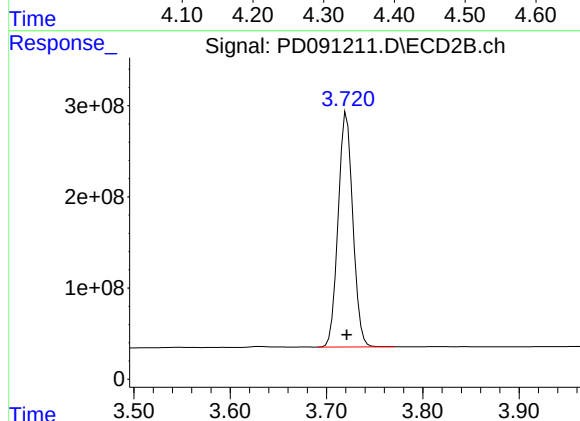
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 2984920529
Conc: 47.23 ng/ml



#3 gamma-BHC (Lindane)

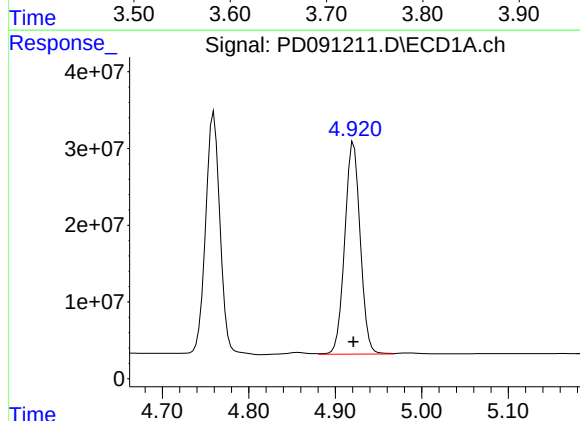
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 361949133
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



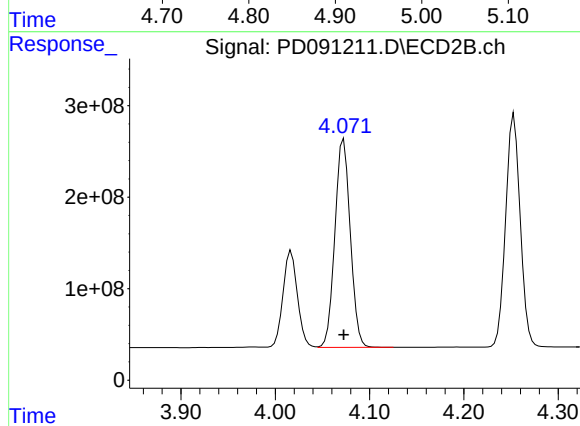
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 2728471461
Conc: 47.19 ng/ml



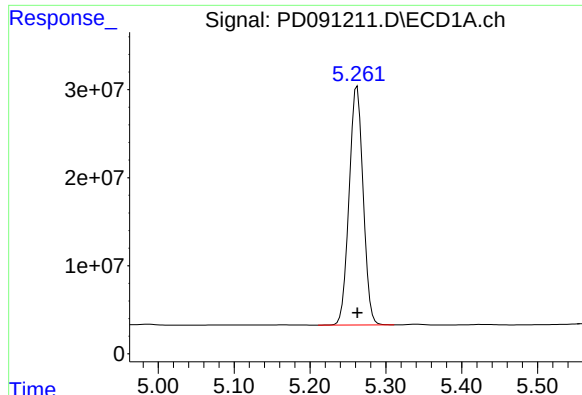
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 342006727
Conc: 47.75 ng/ml



#4 Heptachlor

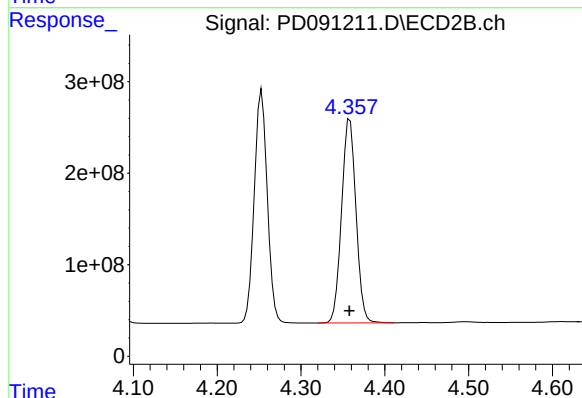
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 2581860754
Conc: 46.76 ng/ml



#5 Aldrin

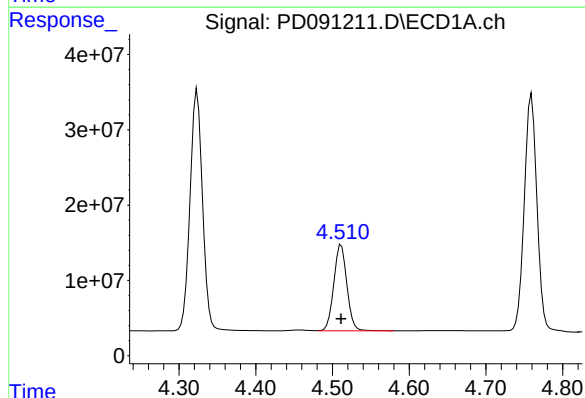
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 348272010
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



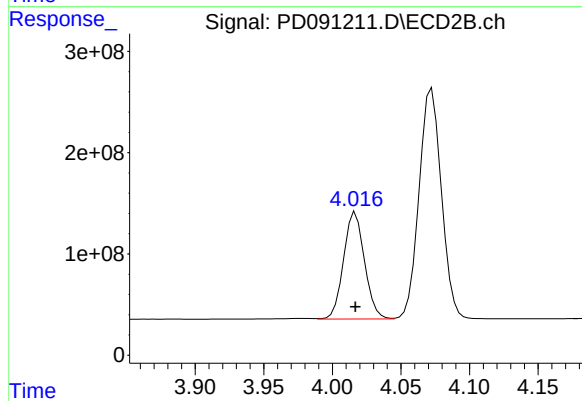
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 2666089629
Conc: 47.22 ng/ml



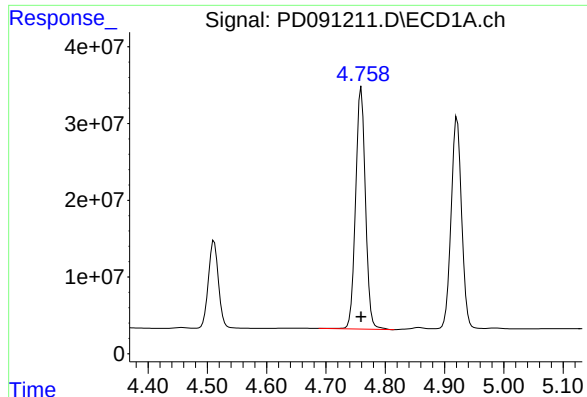
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 134991433
Conc: 46.46 ng/ml



#6 beta-BHC

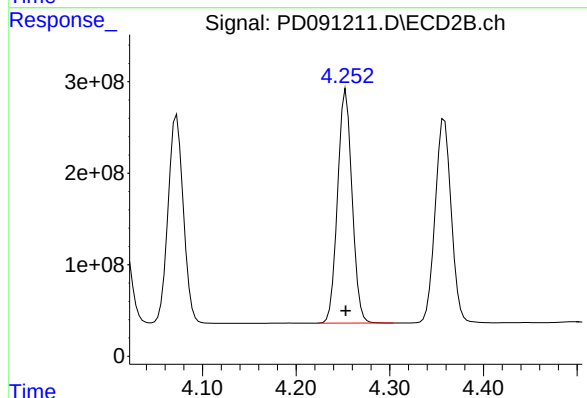
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 1124435054
Conc: 46.80 ng/ml



#7 delta-BHC

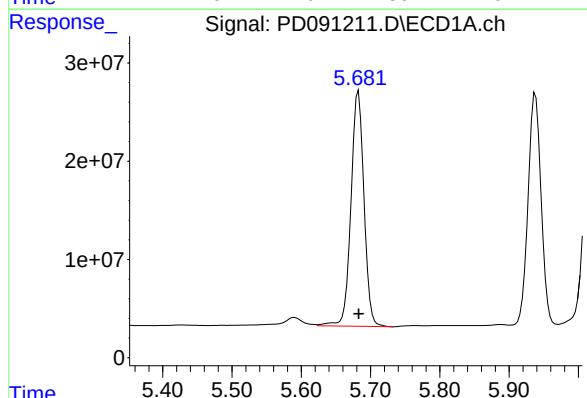
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 363554317
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



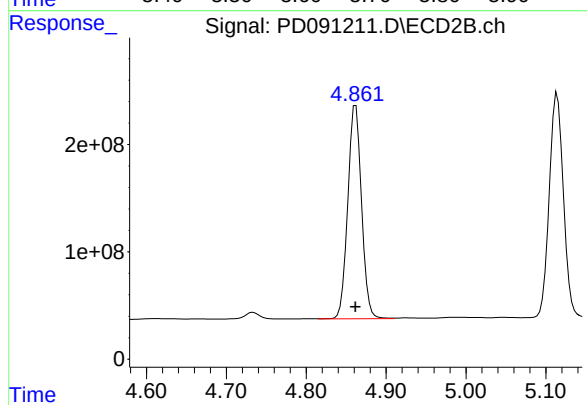
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 2741869615
Conc: 46.89 ng/ml



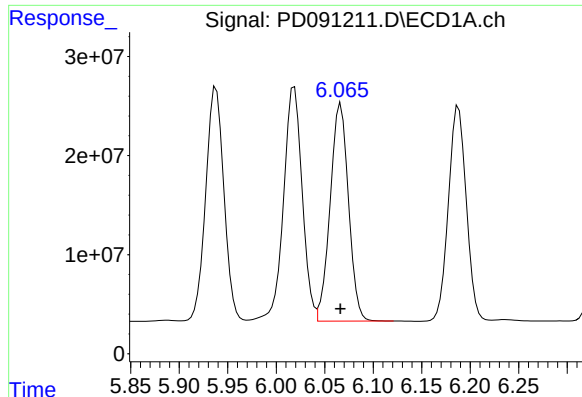
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 313526210
Conc: 48.26 ng/ml



#8 Heptachlor epoxide

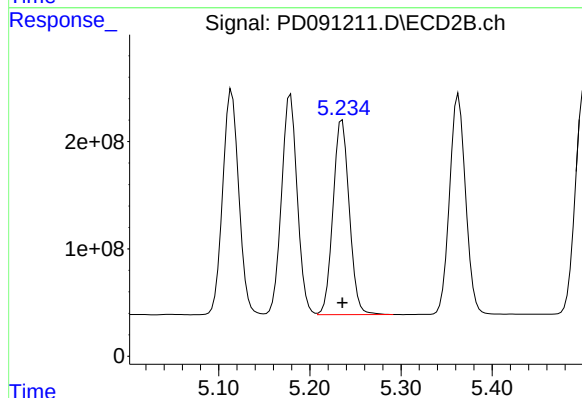
R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 2381657845
Conc: 46.74 ng/ml



#9 Endosulfan I

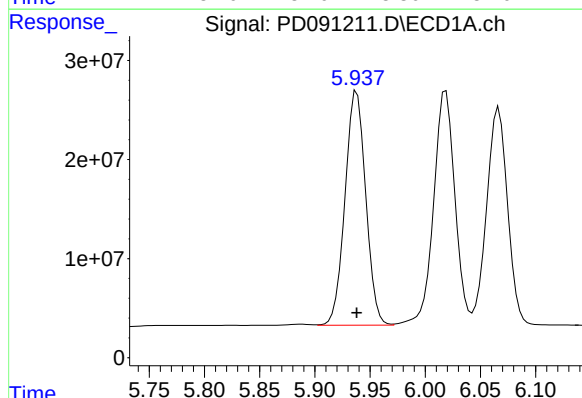
R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 288780124
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



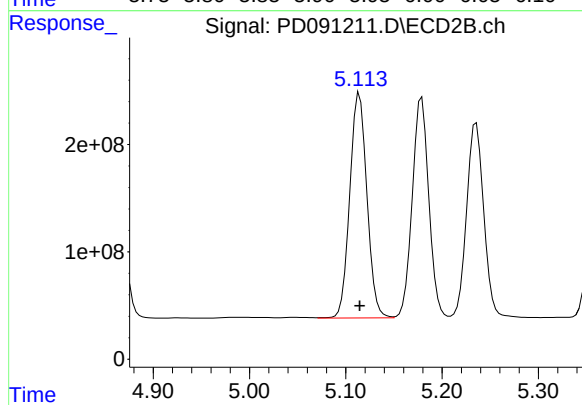
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2250886669
Conc: 47.04 ng/ml



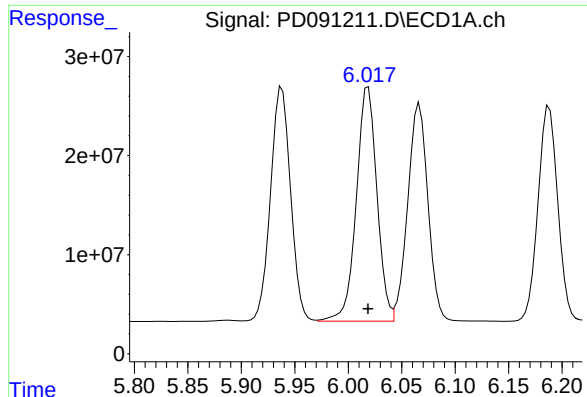
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 308887850
Conc: 47.52 ng/ml



#10 gamma-Chlordane

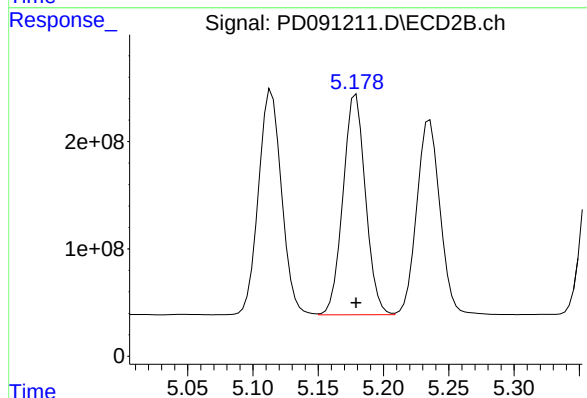
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 2585396251
Conc: 47.33 ng/ml



#11 alpha-Chlordane

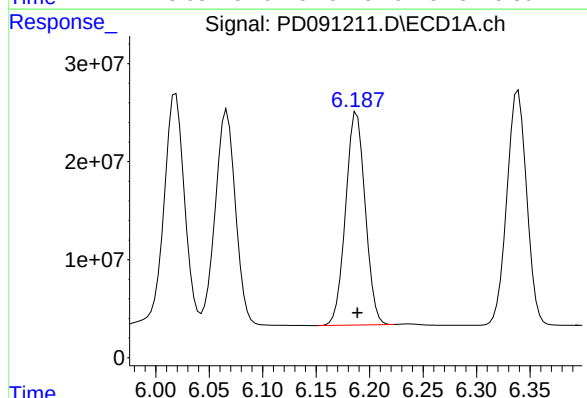
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 316931689
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



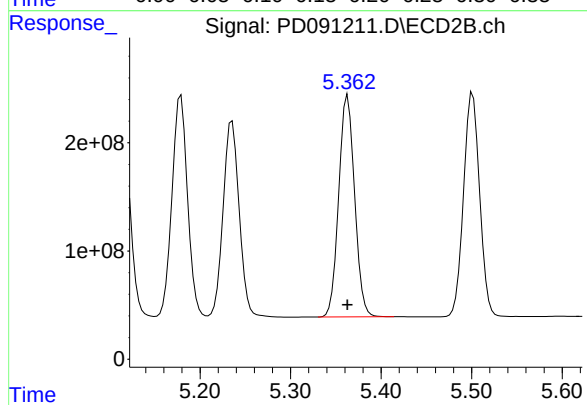
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 2460255029
Conc: 47.01 ng/ml



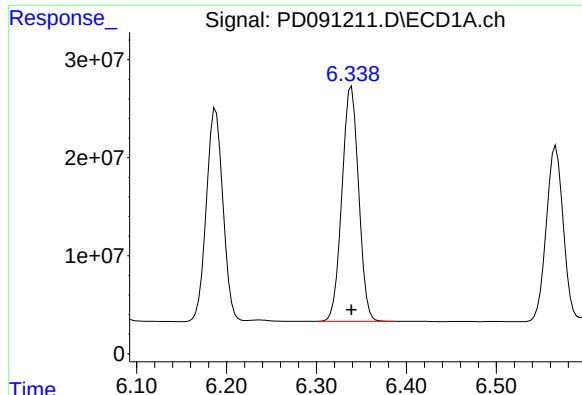
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 276890061
Conc: 47.74 ng/ml



#12 4,4'-DDE

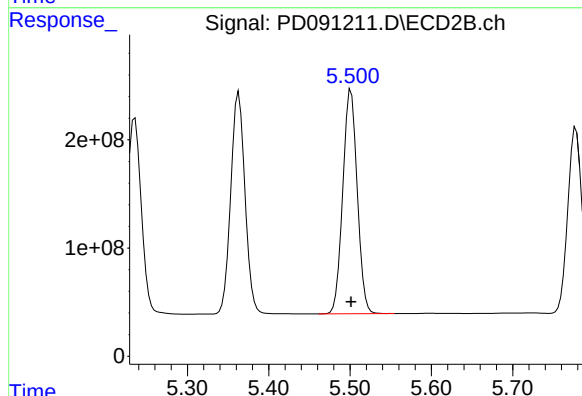
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 2495986902
Conc: 46.70 ng/ml



#13 Dieldrin

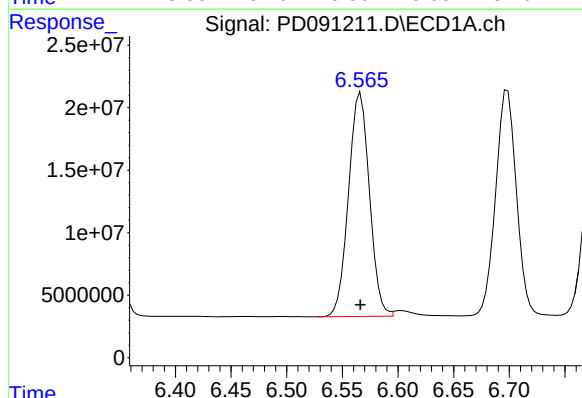
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 309042206
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



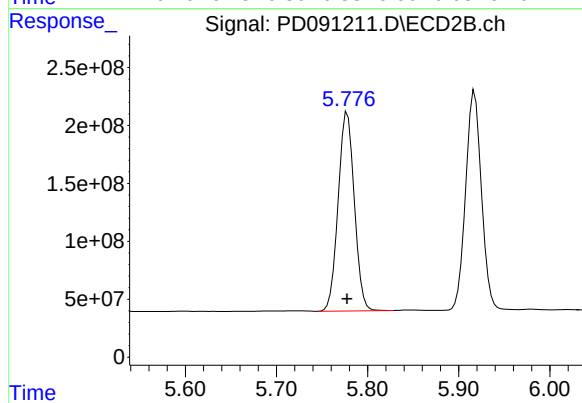
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 2552147913
Conc: 46.99 ng/ml



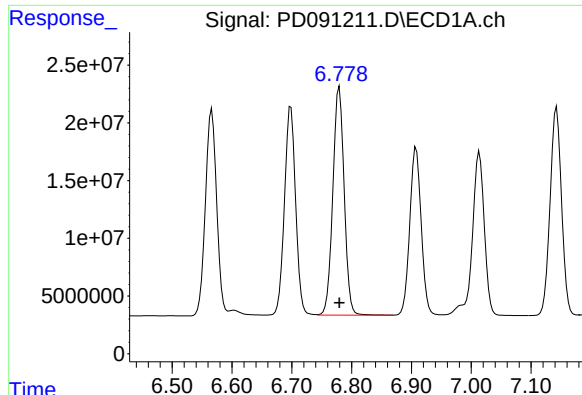
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 234420471
Conc: 47.23 ng/ml



#14 Endrin

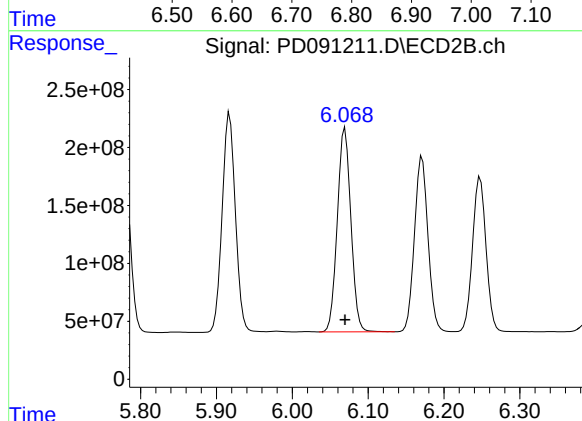
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2114926643
Conc: 46.80 ng/ml



#15 Endosulfan II

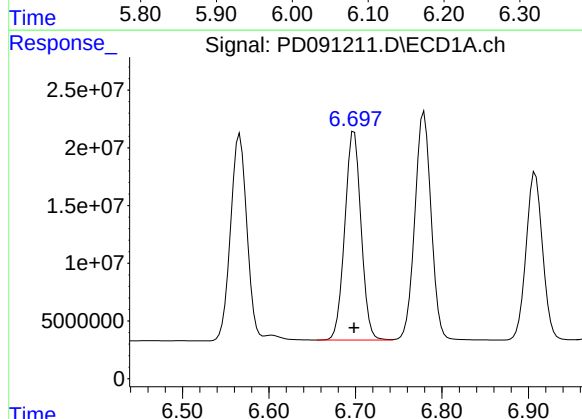
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 260805400
Conc: 46.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



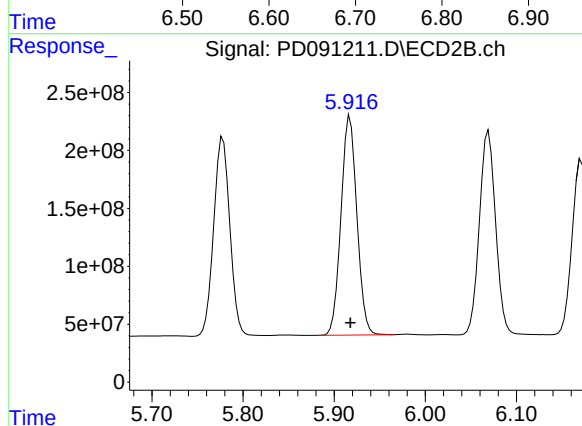
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 2189770233
Conc: 46.91 ng/ml



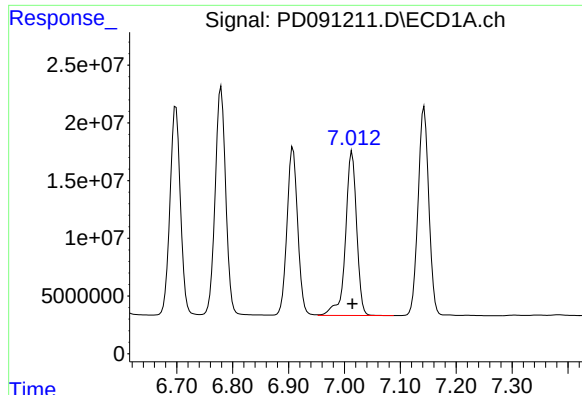
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 235052531
Conc: 47.86 ng/ml



#16 4,4'-DDD

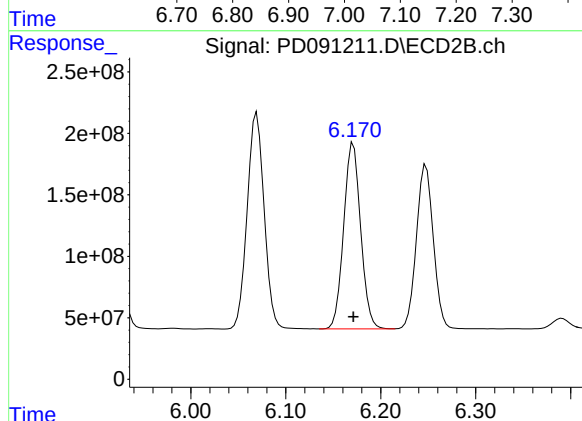
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 2292282526
Conc: 46.91 ng/ml



#17 4,4'-DDT

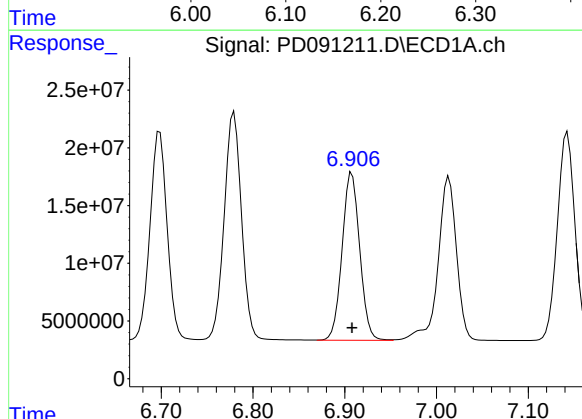
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 197859837
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



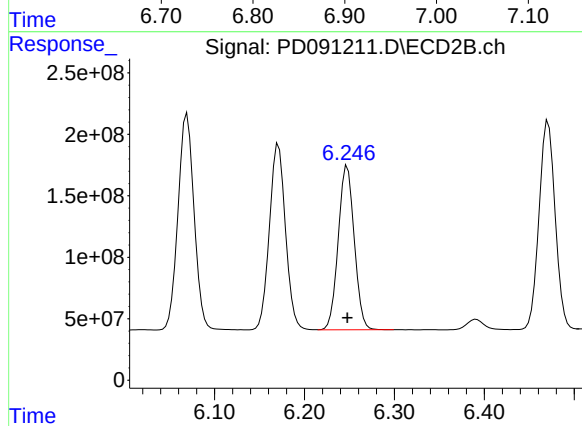
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 1882096372
Conc: 48.10 ng/ml



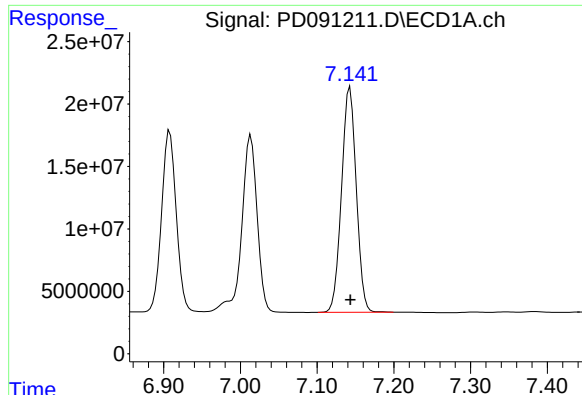
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 193520880
Conc: 46.45 ng/ml



#18 Endrin aldehyde

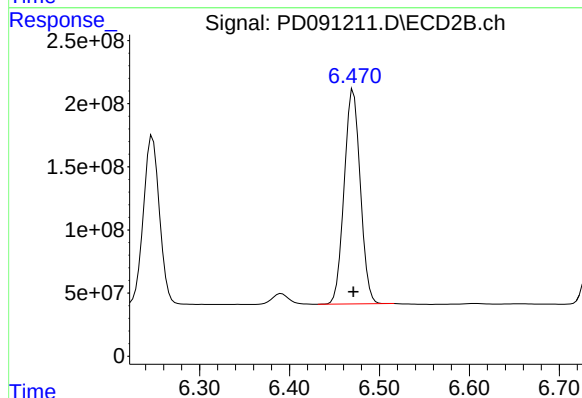
R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 1652000905
Conc: 46.81 ng/ml



#19 Endosulfan Sulfate

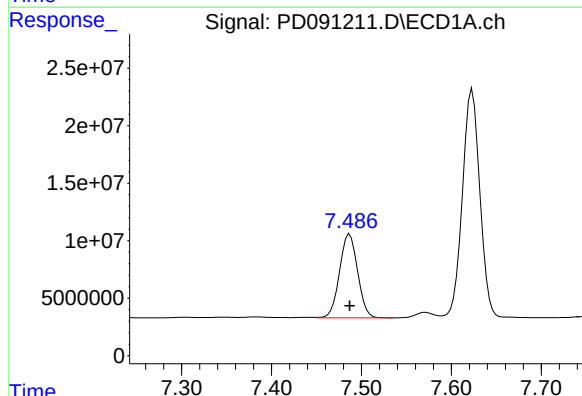
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 241226306
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



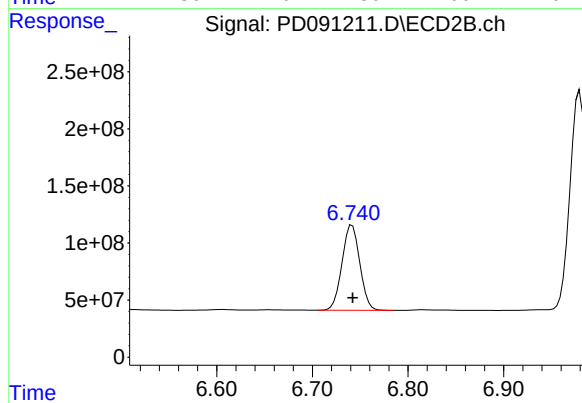
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 2113374922
Conc: 47.14 ng/ml



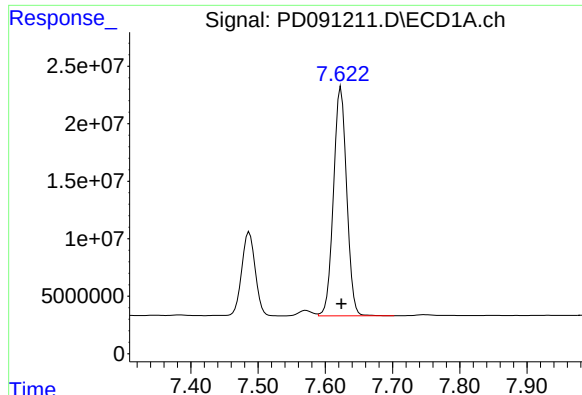
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 101584345
Conc: 46.72 ng/ml



#20 Methoxychlor

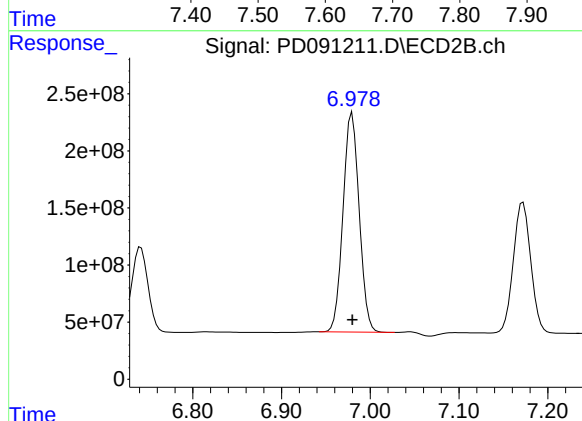
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 965287691
Conc: 48.14 ng/ml



#21 Endrin ketone

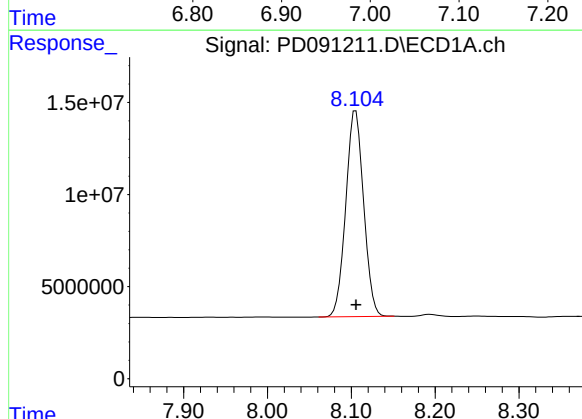
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 268515482
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



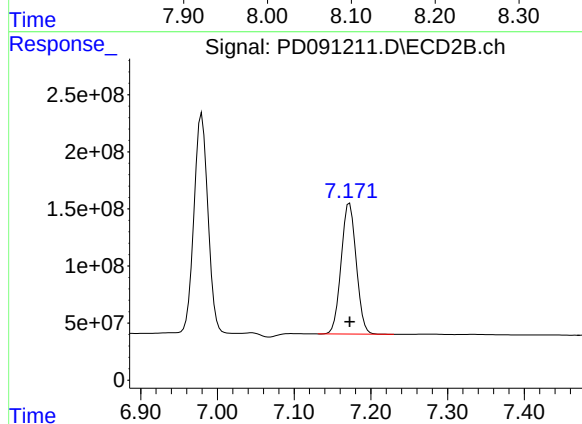
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 2432944192
Conc: 47.75 ng/ml



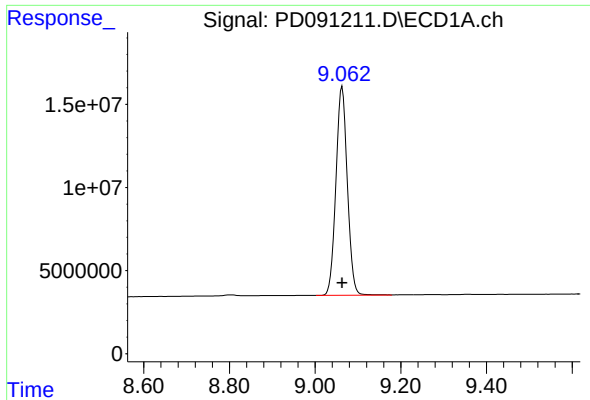
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 165755037
Conc: 46.60 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1568249370
Conc: 47.32 ng/ml



#28 Decachlorobiphenyl

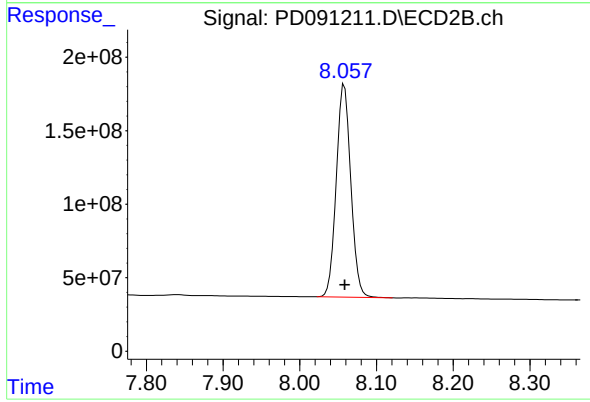
R.T.: 9.063 min

Delta R.T.: 0.000 min

Response: 232326000

Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525



#28 Decachlorobiphenyl

R.T.: 8.058 min

Delta R.T.: 0.000 min

Response: 1905923037

Conc: 48.16 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2025 00:49
 Operator : AR\AJ
 Sample : PCHLORICV050
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:41:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:40:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	144.0E6	1897.0E6	45.917	45.899
28)	SA Decachlor...	9.063	8.059	208.1E6	1722.5E6	44.473	45.857
Target Compounds							
23)	Chlordane-1	4.707	3.896	114.2E6	783.3E6	464.144	455.309
24)	Chlordane-2	5.234	4.477	110.1E6	794.6E6	445.736	453.786
25)	Chlordane-3	5.939	5.115	447.1E6	2621.5E6	463.407	455.626
26)	Chlordane-4	6.024	5.179	540.3E6	2175.2E6	449.814	454.716
27)	Chlordane-5	6.863	6.079	88911954	936.5E6	450.023	461.495

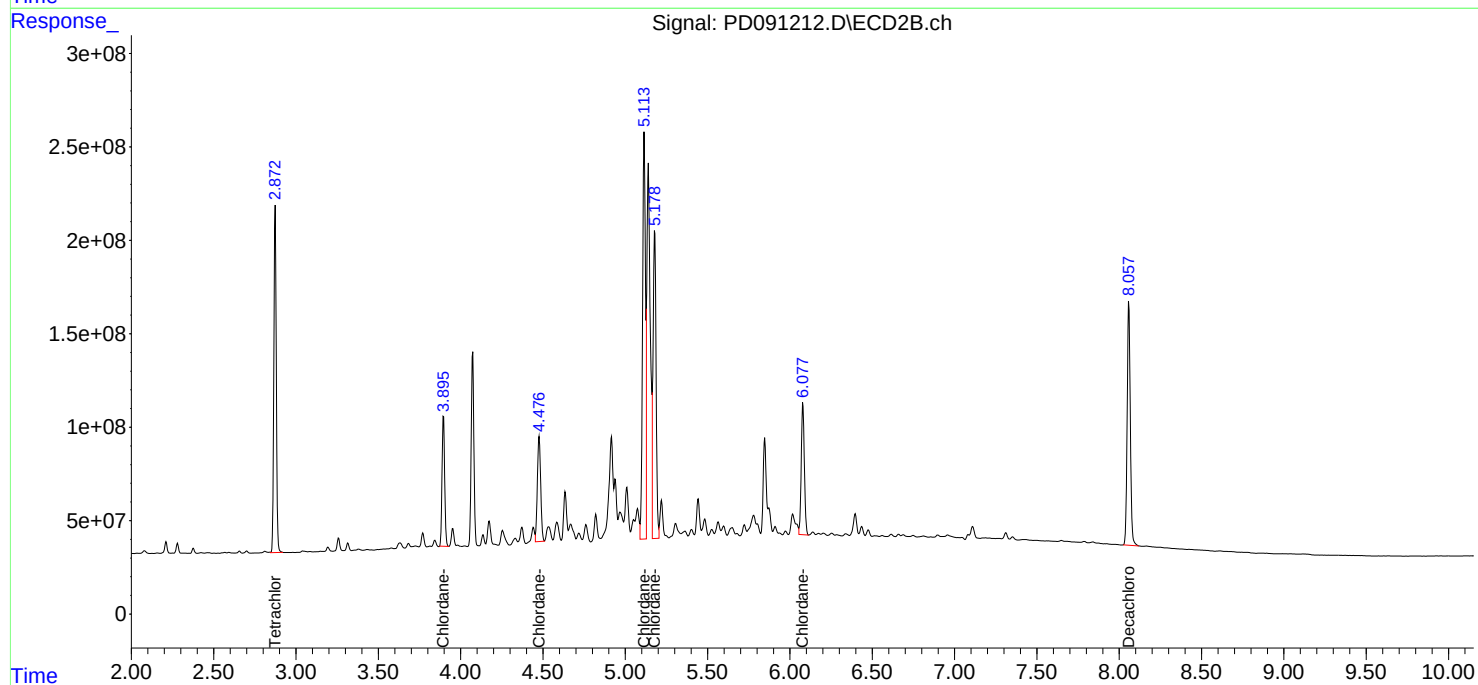
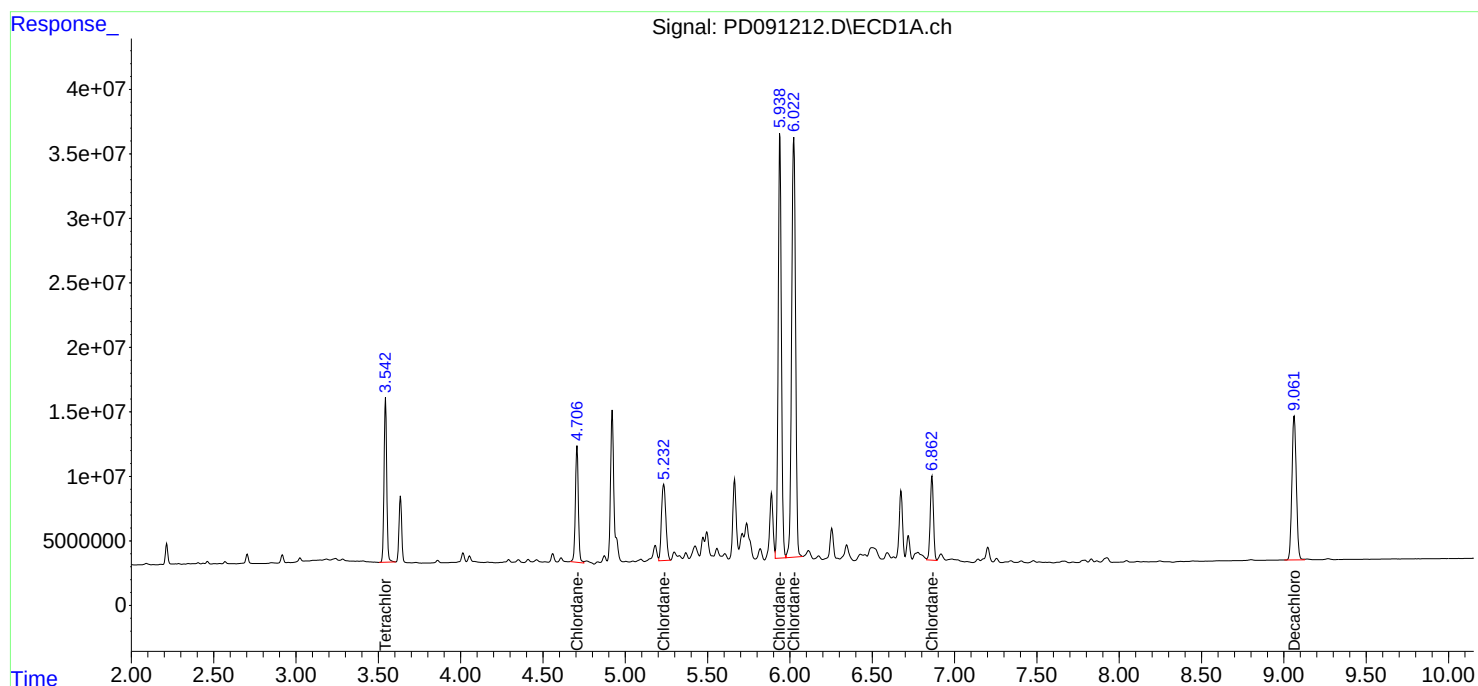
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

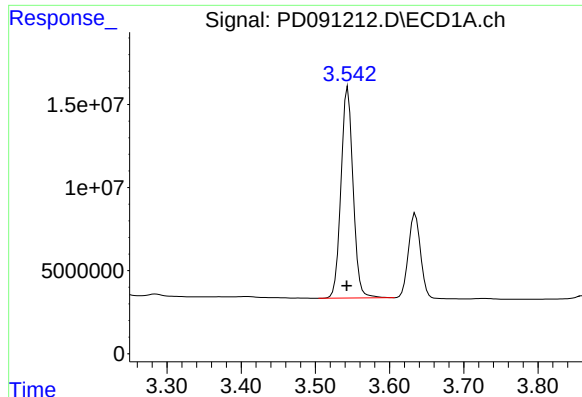
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:49
Operator : AR\AJ
Sample : PCHLORICV050
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:40:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

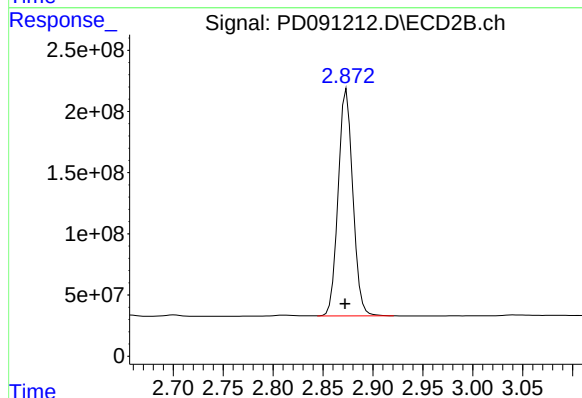




#1 Tetrachloro-m-xylene

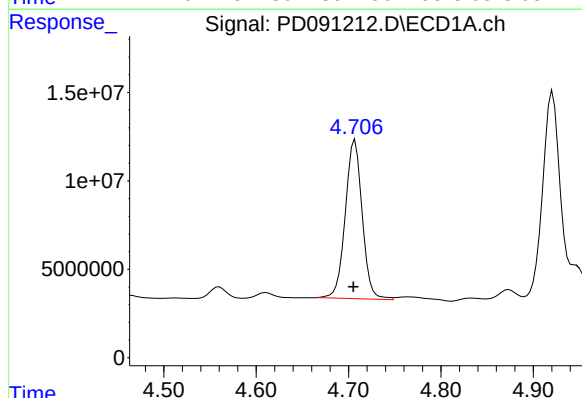
R.T.: 3.544 min
Delta R.T.: 0.002 min
Response: 144027048
Conc: 45.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR



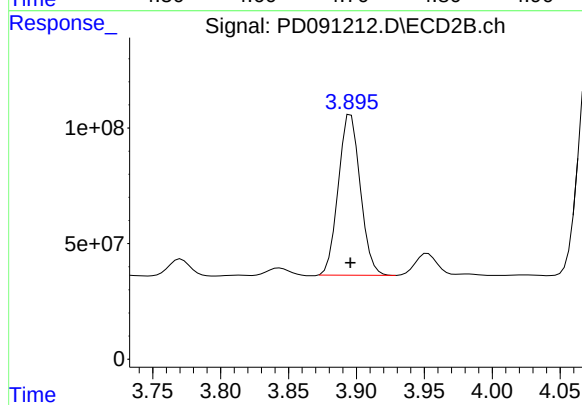
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.002 min
Response: 1897044359
Conc: 45.90 ng/ml



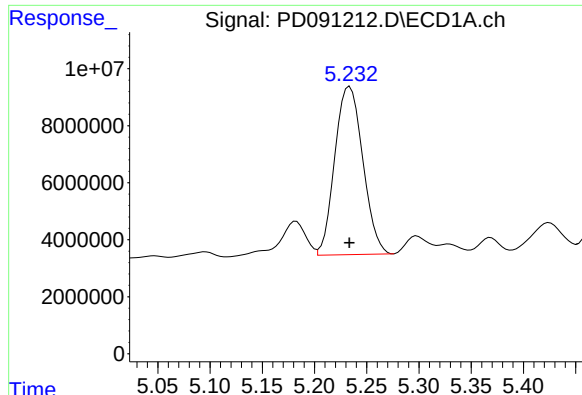
#23 Chlordane-1

R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 114205886
Conc: 464.14 ng/ml



#23 Chlordane-1

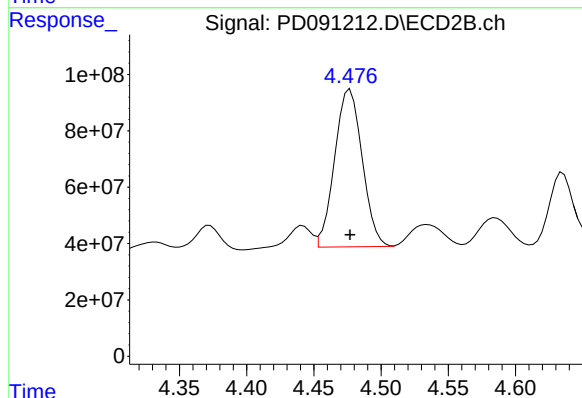
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 783265670
Conc: 455.31 ng/ml



#24 Chlordane-2

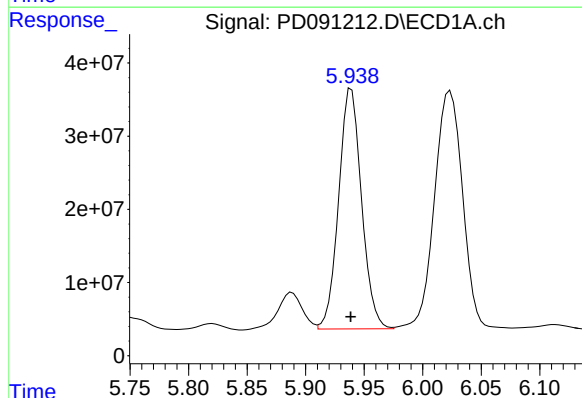
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 110065519
Conc: 445.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR



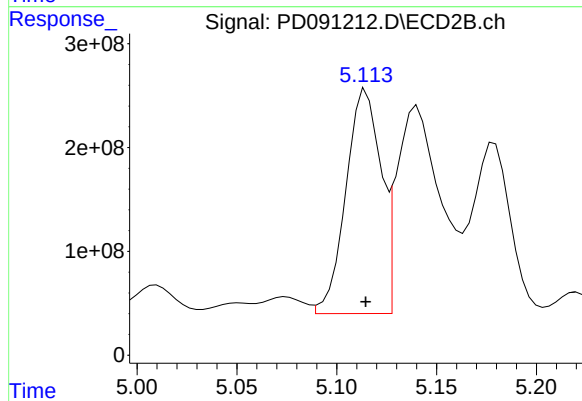
#24 Chlordane-2

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 794593898
Conc: 453.79 ng/ml



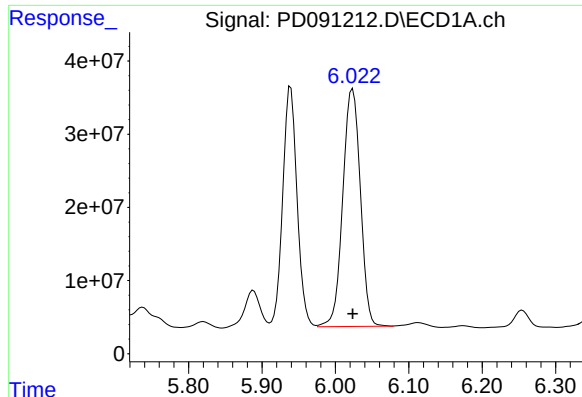
#25 Chlordane-3

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 447116334
Conc: 463.41 ng/ml



#25 Chlordane-3

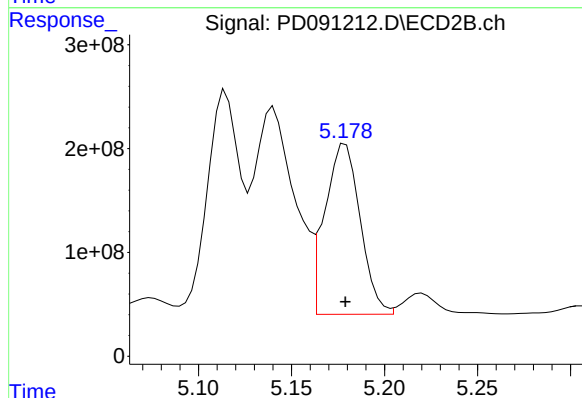
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 2621481238
Conc: 455.63 ng/ml



#26 Chlordane-4

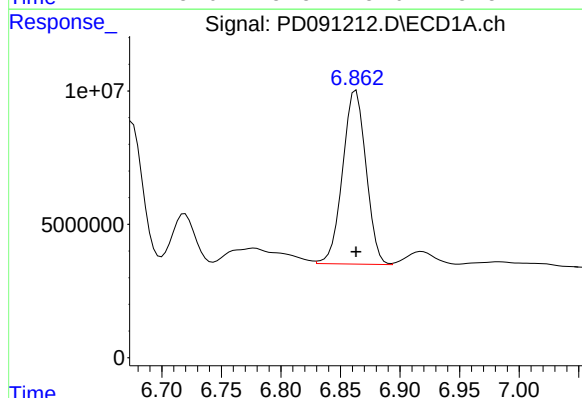
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 540318465
Conc: 449.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR



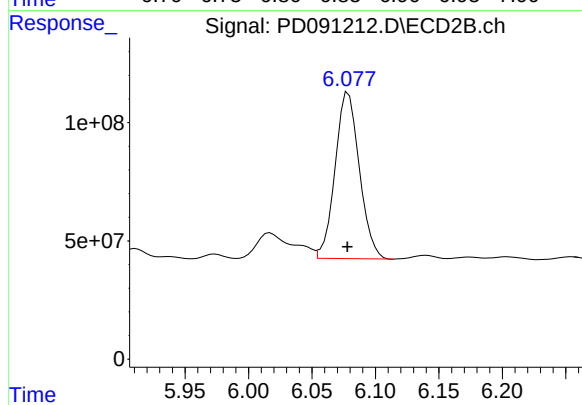
#26 Chlordane-4

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 2175161491
Conc: 454.72 ng/ml



#27 Chlordane-5

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 88911954
Conc: 450.02 ng/ml



#27 Chlordane-5

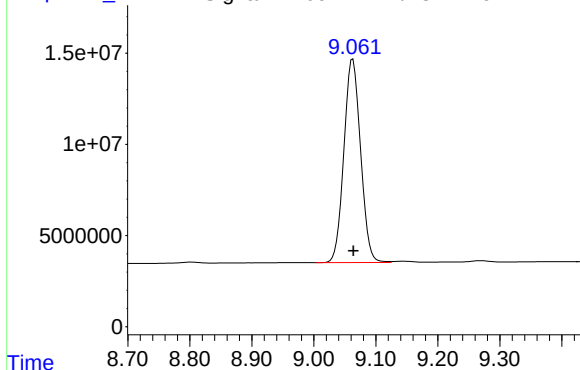
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 936467238
Conc: 461.50 ng/ml

Response_

Signal: PD091212.D\ECD1A.ch

#28 Decachlorobiphenyl

ICAL Form



R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 208069476
Conc: 44.47 ng/ml

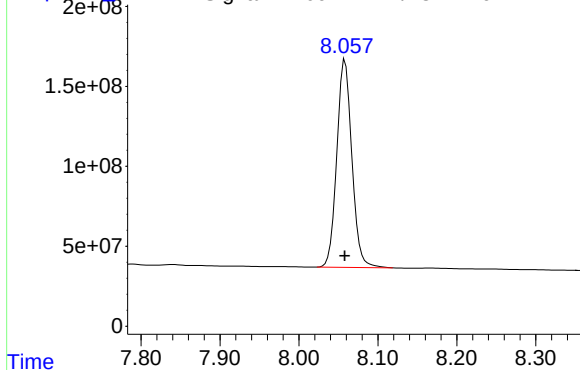
Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR

Time

Response

Signal: PD091212.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 1722541005
Conc: 45.86 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2025 01:30
 Operator : AR\AJ
 Sample : PTOXICV050
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 05:21:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 05:17:12 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

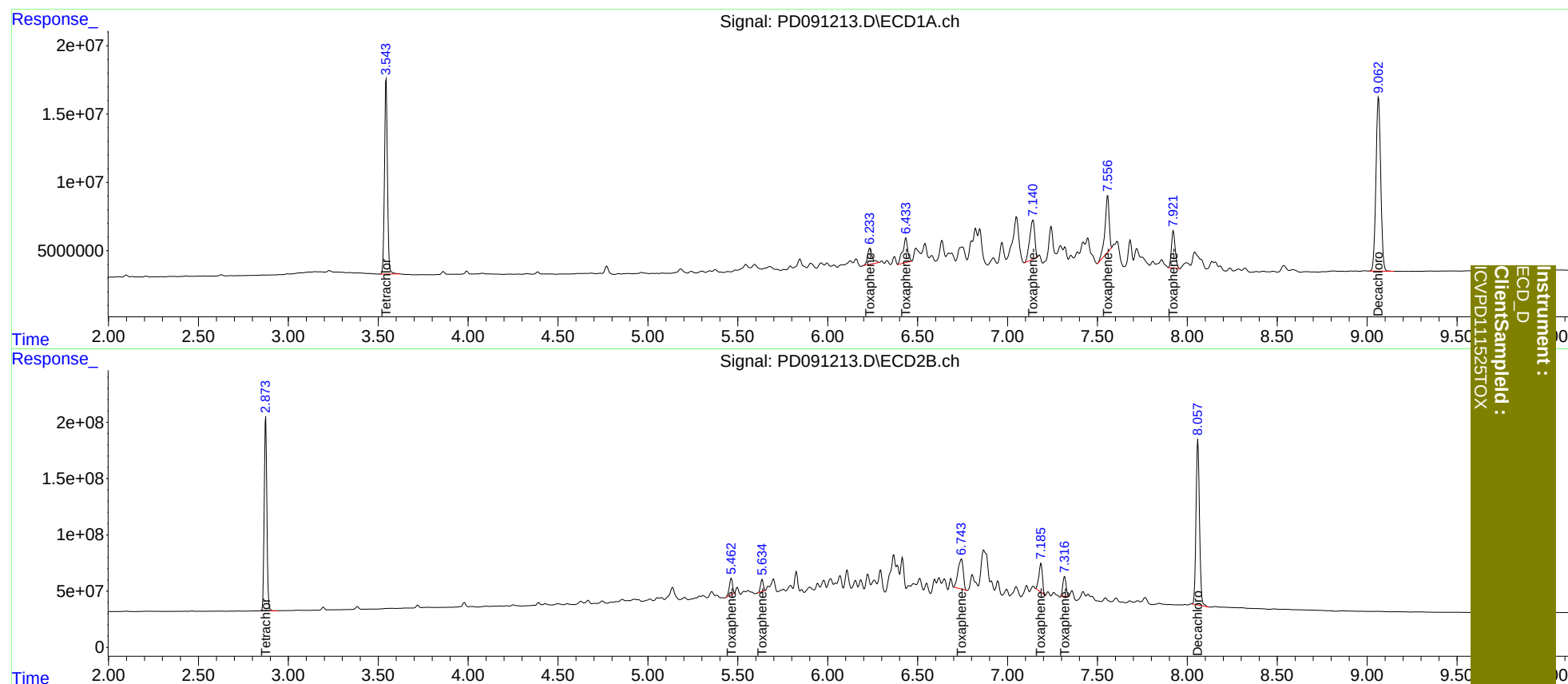
System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.874	163.1E6	1761.6E6	49.939	50.116
7) SA Decachlor...	9.063	8.059	235.5E6	1961.7E6	49.446	50.407
Target Compounds						
2) Toxaphene-1	6.234	5.464	21366491	177.4E6	506.837	508.980
3) Toxaphene-2	6.435	5.635	34816331	114.1E6	493.754	505.708
4) Toxaphene-3	7.141	6.744	56004022	537.8E6	503.381	513.961
5) Toxaphene-4	7.557	7.186	66555590	352.7E6	512.569	521.193
6) Toxaphene-5	7.923	7.317	39466192	222.5E6	507.805	531.712

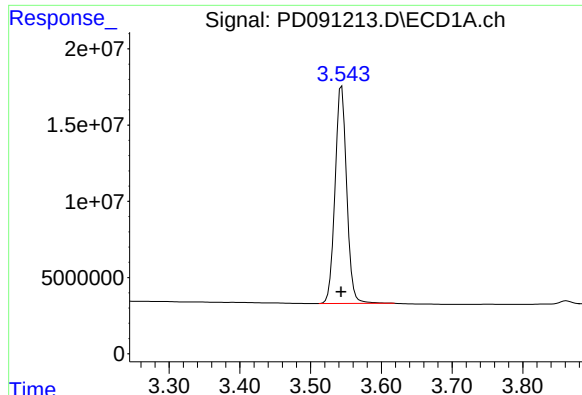
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 01:30
Operator : AR\AJ
Sample : PTOXICV050
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:21:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:17:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

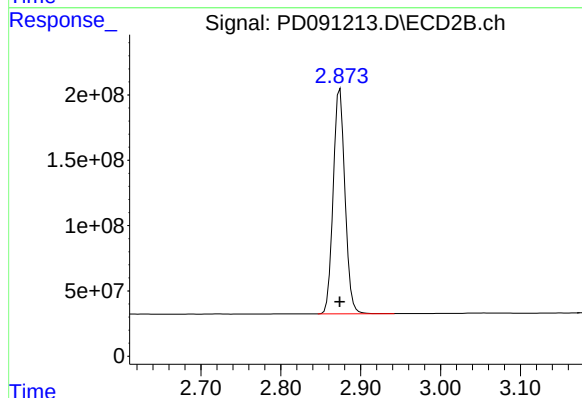




#1 Tetrachloro-m-xylene

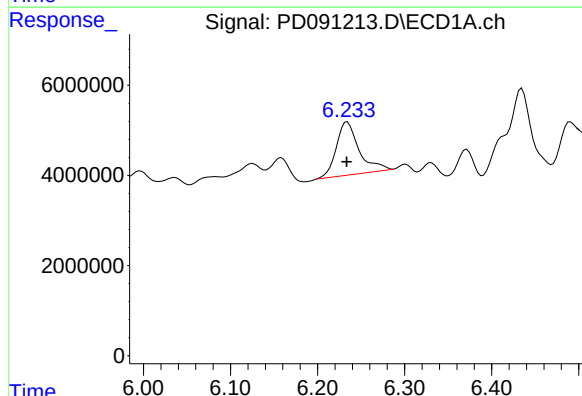
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 163108023
Conc: 49.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525TOX



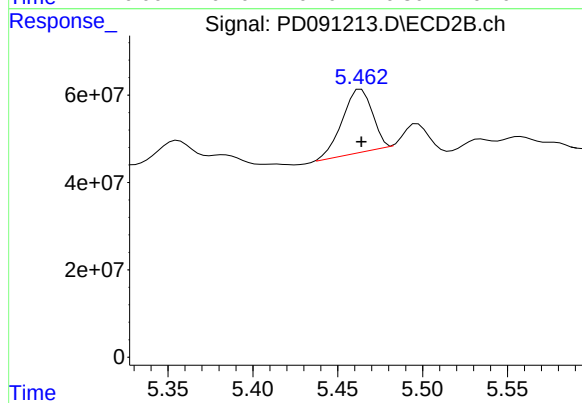
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1761643823
Conc: 50.12 ng/ml



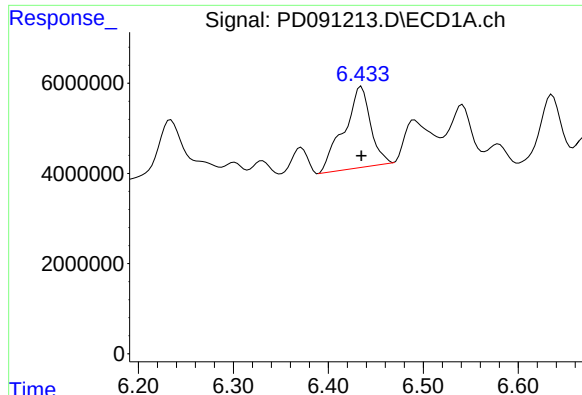
#2 Toxaphene-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 21366491
Conc: 506.84 ng/ml



#2 Toxaphene-1

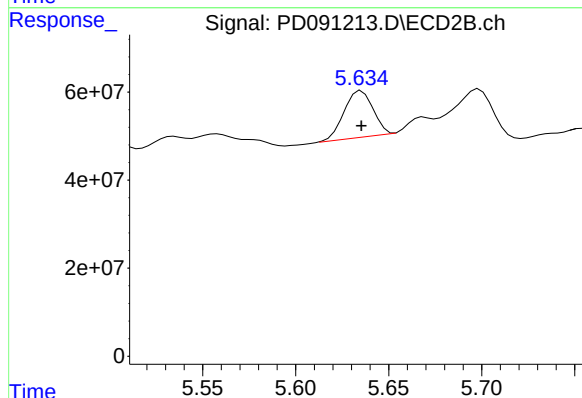
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 177387578
Conc: 508.98 ng/ml



#3 Toxaphene-2

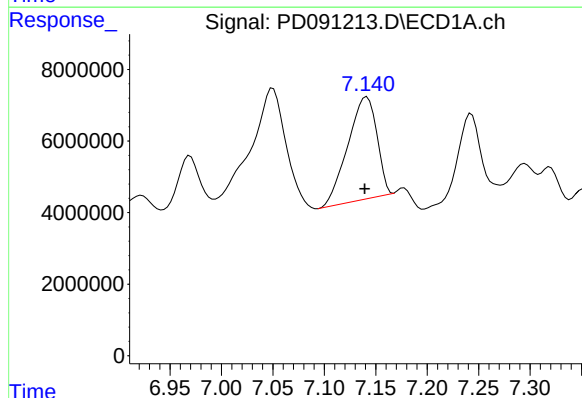
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 34816331
Conc: 493.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525TOX



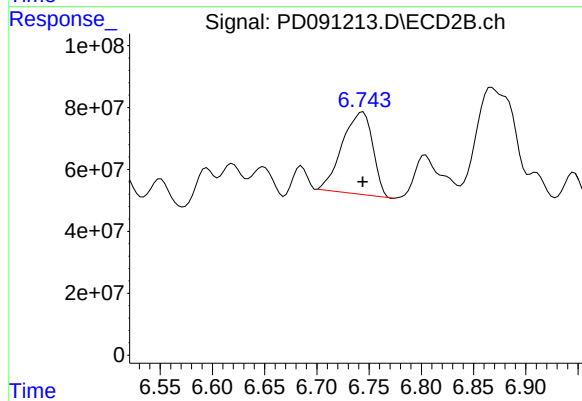
#3 Toxaphene-2

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 114121391
Conc: 505.71 ng/ml



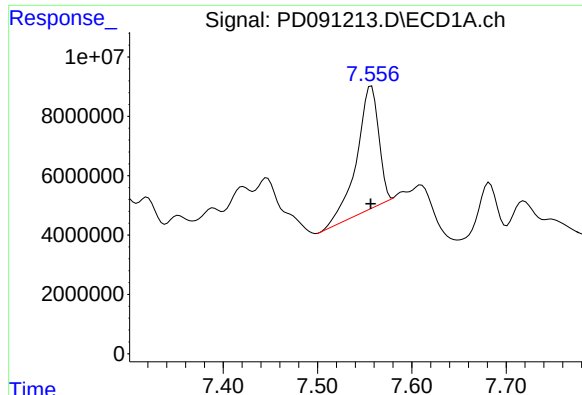
#4 Toxaphene-3

R.T.: 7.141 min
Delta R.T.: 0.002 min
Response: 56004022
Conc: 503.38 ng/ml



#4 Toxaphene-3

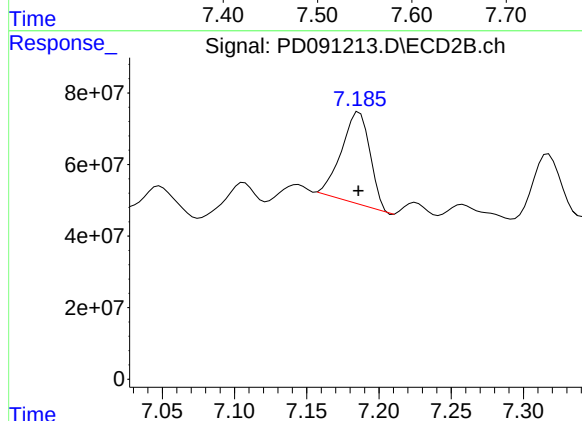
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 537751662
Conc: 513.96 ng/ml



#5 Toxaphene-4

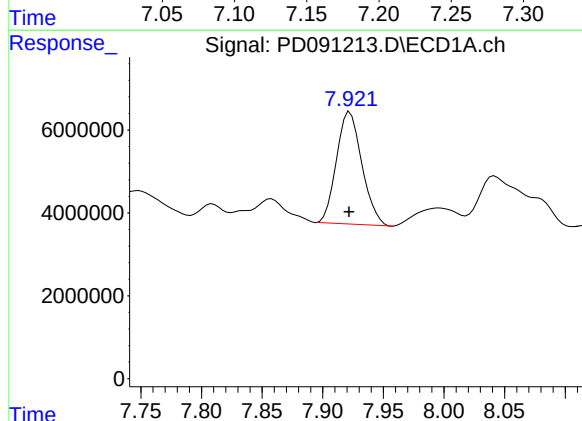
R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 66555590
Conc: 512.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD111525TOX



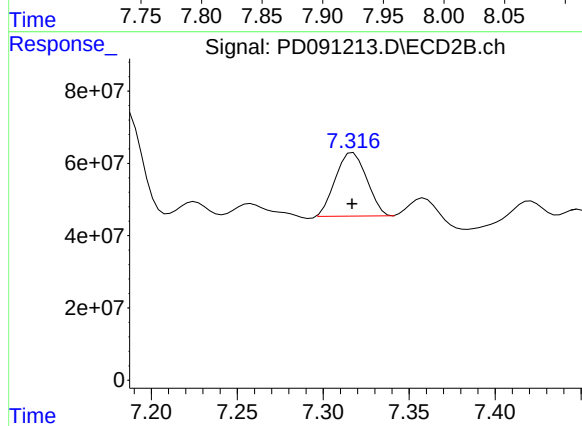
#5 Toxaphene-4

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 352675285
Conc: 521.19 ng/ml



#6 Toxaphene-5

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 39466192
Conc: 507.80 ng/ml



#6 Toxaphene-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 222537570
Conc: 531.71 ng/ml

Response_

Signal: PD091213.D\ECD1A.ch

#7 Decachlorobiphenyl

R.T.: 9.063 min

Delta R.T.: 0.000 min

Response: 235522263

Conc: 49.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

ICVPD111525TOX

1.5e+07

1e+07

5000000

0

9.062

+

Time

8.70 8.80 8.90 9.00 9.10 9.20 9.30 9.40

Response_

Signal: PD091213.D\ECD2B.ch

#7 Decachlorobiphenyl

R.T.: 8.059 min

Delta R.T.: 0.000 min

Response: 1961699906

Conc: 50.41 ng/ml

2e+08

1.5e+08

1e+08

5e+07

0

8.057

+

Time

7.90 8.00 8.10 8.20 8.30



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 12:24

Initial Calibration Time(s): 20:56

21:51

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	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.71	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.92	6.91	6.81	7.01	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01
Mirex	8.11	8.11	8.01	8.21	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 12:24

Initial Calibration Time(s): 20:56

21:51

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	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00
Mirex	7.17	7.17	7.07	7.27	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091266.D **Time Analyzed:** 12:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.705	6.599	6.799	45.400	50.000	-9.2
4,4'-DDE	6.195	6.089	6.289	46.480	50.000	-7.0
4,4'-DDT	7.021	6.914	7.114	53.560	50.000	7.1
Aldrin	5.268	5.163	5.363	46.770	50.000	-6.5
alpha-BHC	3.998	3.893	4.093	48.290	50.000	-3.4
alpha-Chlordane	6.025	5.919	6.119	43.990	50.000	-12.0
beta-BHC	4.517	4.411	4.611	45.910	50.000	-8.2
Decachlorobiphenyl	9.071	8.963	9.163	44.220	50.000	-11.6
delta-BHC	4.765	4.660	4.860	47.940	50.000	-4.1
Dieldrin	6.346	6.239	6.439	46.820	50.000	-6.4
Endosulfan I	6.073	5.966	6.166	46.120	50.000	-7.8
Endosulfan II	6.785	6.679	6.879	46.670	50.000	-6.7
Endosulfan sulfate	7.150	7.043	7.243	45.880	50.000	-8.2
Endrin	6.573	6.466	6.666	51.290	50.000	2.6
Endrin aldehyde	6.915	6.808	7.008	45.340	50.000	-9.3
Endrin ketone	7.630	7.524	7.724	45.460	50.000	-9.1
gamma-BHC (Lindane)	4.329	4.224	4.424	47.900	50.000	-4.2
gamma-Chlordane	5.945	5.838	6.038	46.620	50.000	-6.8
Heptachlor	4.927	4.821	5.021	48.920	50.000	-2.2
Heptachlor epoxide	5.689	5.582	5.782	46.910	50.000	-6.2
Methoxychlor	7.494	7.387	7.587	51.700	50.000	3.4
Mirex	8.112	8.006	8.206	45.980	50.000	-8.0
Tetrachloro-m-xylene	3.549	3.444	3.644	45.820	50.000	-8.4



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091266.D **Time Analyzed:** 12:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.917	5.817	6.017	44.410	50.000	-11.2
4,4'-DDE	5.362	5.263	5.463	49.640	50.000	-0.7
4,4'-DDT	6.170	6.071	6.271	56.810	50.000	13.6
Aldrin	4.355	4.258	4.458	49.040	50.000	-1.9
alpha-BHC	3.382	3.286	3.486	48.820	50.000	-2.4
alpha-Chlordane	5.177	5.079	5.279	48.910	50.000	-2.2
beta-BHC	4.015	3.918	4.118	47.690	50.000	-4.6
Decachlorobiphenyl	8.058	7.958	8.158	51.120	50.000	2.2
delta-BHC	4.251	4.153	4.353	48.320	50.000	-3.4
Dieldrin	5.499	5.401	5.601	48.080	50.000	-3.8
Endosulfan I	5.234	5.135	5.335	45.950	50.000	-8.1
Endosulfan II	6.068	5.969	6.169	48.860	50.000	-2.3
Endosulfan sulfate	6.470	6.371	6.571	49.740	50.000	-0.5
Endrin	5.776	5.678	5.878	50.960	50.000	1.9
Endrin aldehyde	6.246	6.148	6.348	48.150	50.000	-3.7
Endrin ketone	6.979	6.880	7.080	47.730	50.000	-4.5
gamma-BHC (Lindane)	3.718	3.621	3.821	48.750	50.000	-2.5
gamma-Chlordane	5.112	5.014	5.214	49.450	50.000	-1.1
Heptachlor	4.070	3.973	4.173	46.100	50.000	-7.8
Heptachlor epoxide	4.860	4.762	4.962	47.970	50.000	-4.1
Methoxychlor	6.741	6.641	6.841	52.480	50.000	5.0
Mirex	7.171	7.073	7.273	50.310	50.000	0.6
Tetrachloro-m-xylene	2.870	2.774	2.974	48.490	50.000	-3.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 12:24
 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 19 12:43:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.870	158.0E6	1776.2E6	45.823	48.489
2)	SA Decachlor...	9.071	8.058	220.3E6	2023.3E6	44.221	51.125
Target Compounds							
2)	A alpha-BHC	3.998	3.382	386.1E6	3085.3E6	48.292	48.816
3)	MA gamma-BHC...	4.329	3.718	358.0E6	2818.5E6	47.905	48.745
4)	MA Heptachlor	4.927	4.070	350.4E6	2545.3E6	48.924	46.103
5)	MB Aldrin	5.268	4.355	339.4E6	2769.0E6	46.768	49.045
6)	B beta-BHC	4.517	4.015	133.4E6	1145.8E6	45.912	47.686
7)	B delta-BHC	4.765	4.251	356.3E6	2825.8E6	47.942	48.323
8)	B Heptachlo...	5.689	4.860	304.8E6	2444.2E6	46.914	47.965
9)	A Endosulfan I	6.073	5.234	283.3E6	2199.0E6	46.118	45.955
10)	B gamma-Chl...	5.945	5.112	303.1E6	2701.1E6	46.623	49.446
11)	B alpha-Chl...	6.025	5.177	302.7E6	2559.7E6	43.986	48.914
12)	B 4,4'-DDE	6.195	5.362	269.6E6	2652.7E6	46.480	49.637
13)	MA Dieldrin	6.346	5.499	302.7E6	2611.4E6	46.818	48.082
14)	MA Endrin	6.573	5.776	254.6E6	2303.0E6	51.290	50.961
15)	B Endosulfa...	6.785	6.068	259.4E6	2280.6E6	46.669	48.855
16)	A 4,4'-DDD	6.705	5.917	223.0E6	2170.1E6	45.404	44.408
17)	MA 4,4'-DDT	7.021	6.170	221.5E6	2223.2E6	53.561	56.812
18)	B Endrin al...	6.915	6.246	188.9E6	1699.0E6	45.339	48.146
19)	B Endosulfa...	7.150	6.470	236.0E6	2230.3E6	45.879	49.744
20)	A Methoxychlor	7.494	6.741	112.4E6	1052.2E6	51.704	52.477
21)	B Endrin ke...	7.630	6.979	256.1E6	2432.0E6	45.463	47.728
22)	Mirex	8.112	7.171	163.5E6	1667.3E6	45.975	50.310

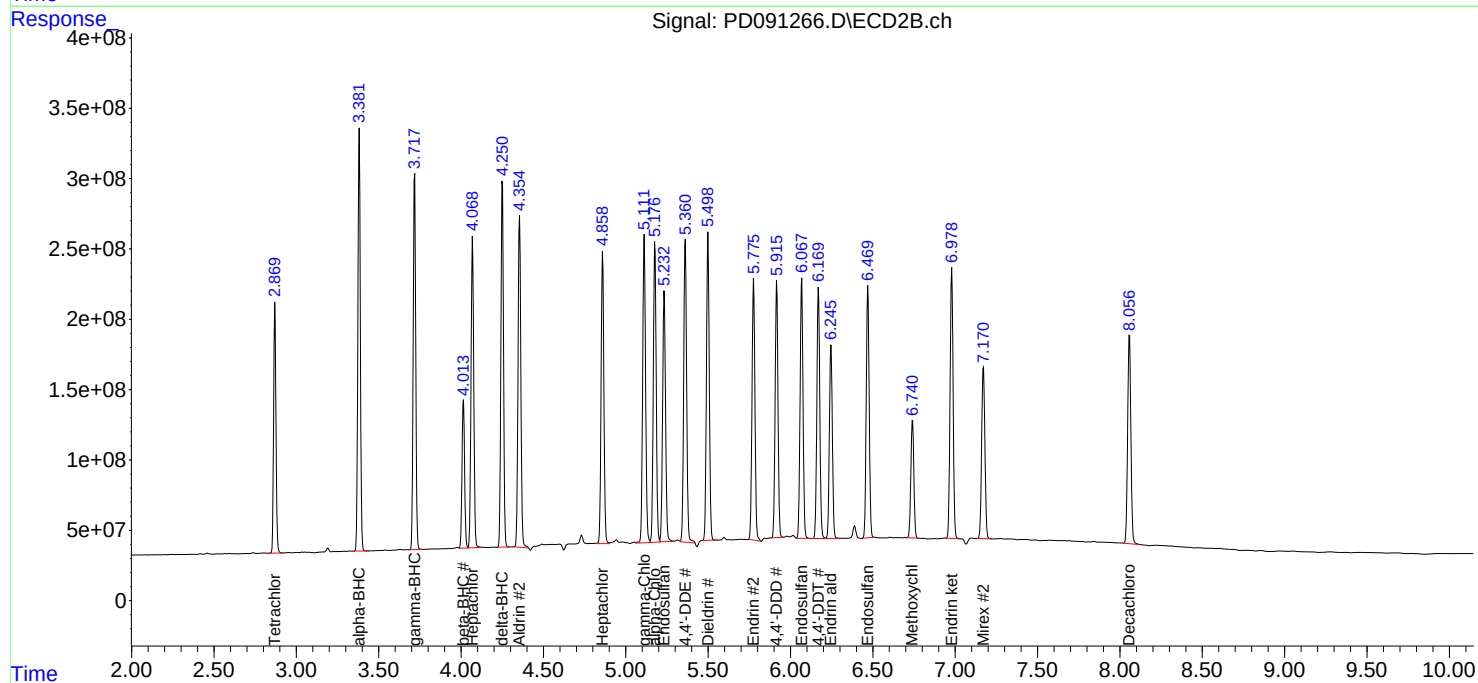
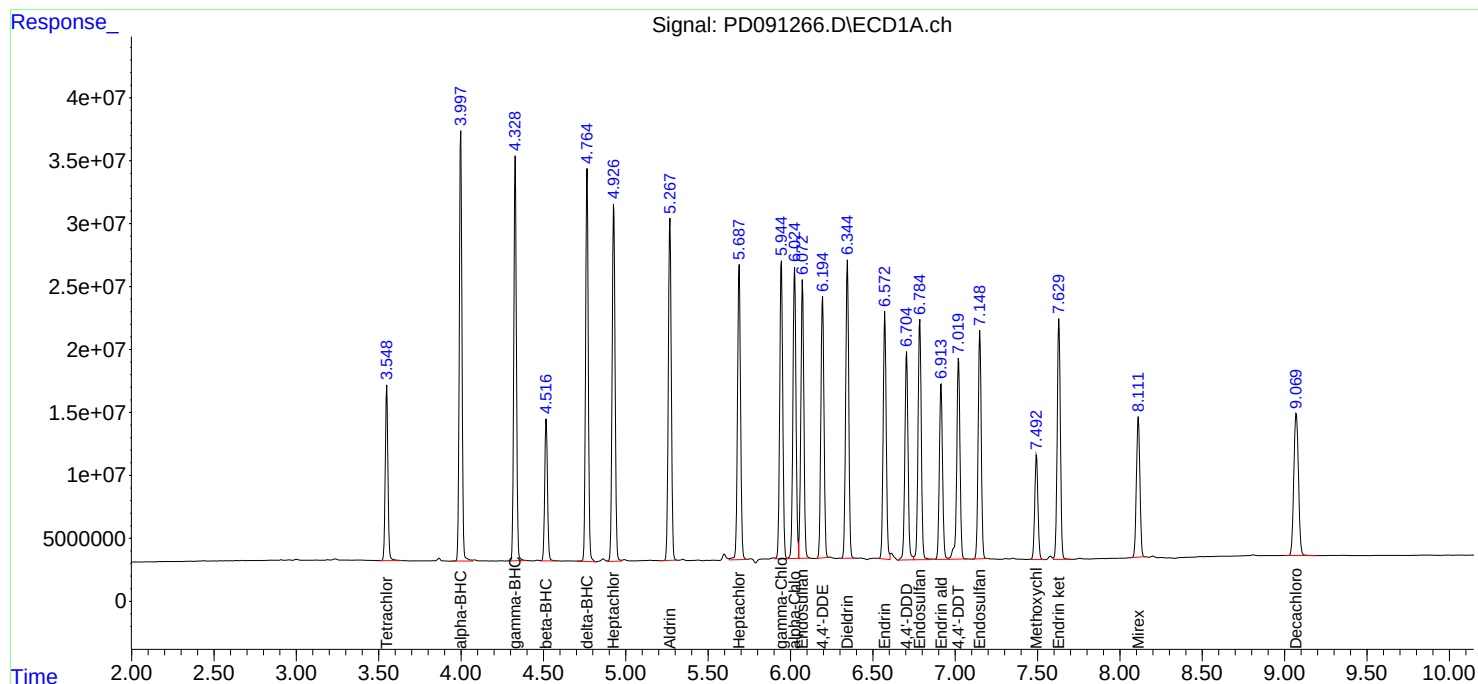
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

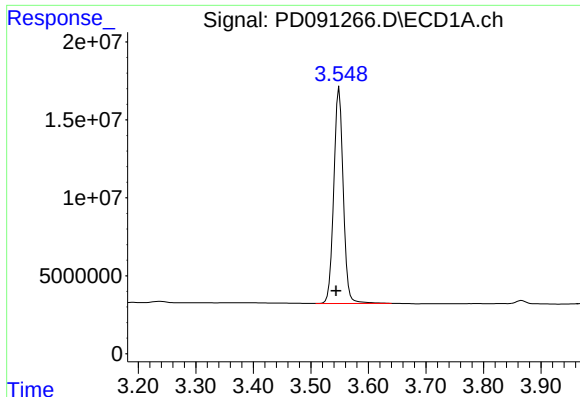
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 12:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:43:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

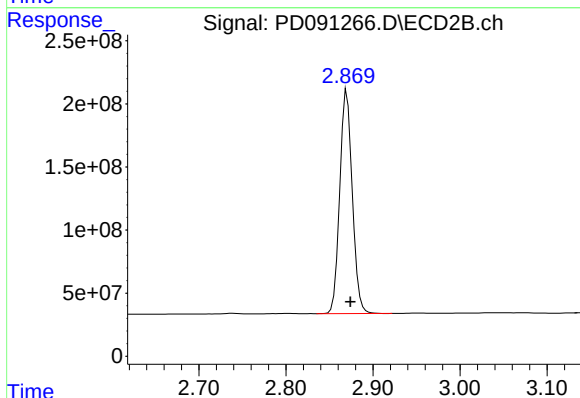




#1 Tetrachloro-m-xylene

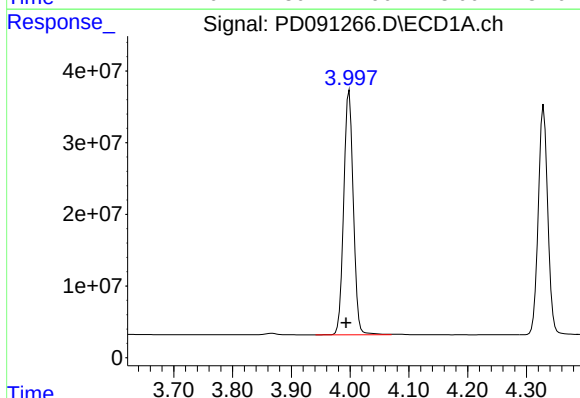
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 158027015
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



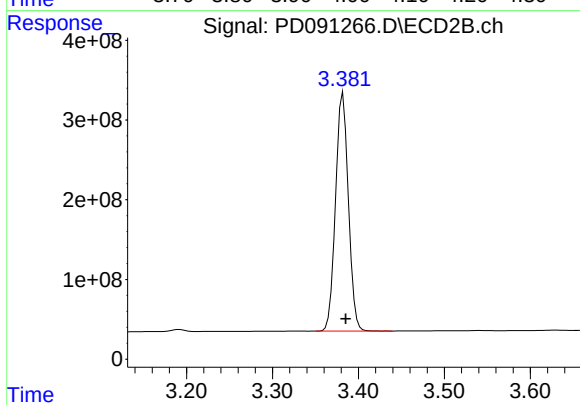
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: -0.004 min
Response: 1776150623
Conc: 48.49 ng/ml



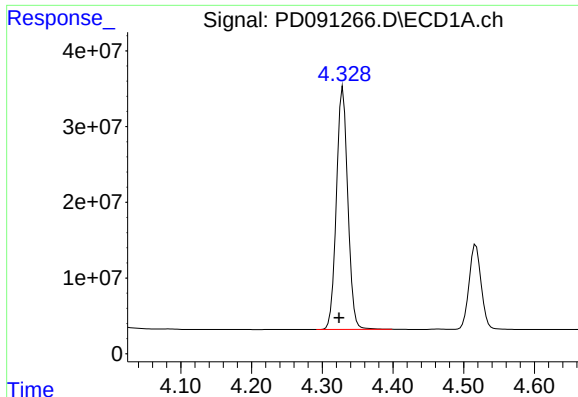
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 386116201
Conc: 48.29 ng/ml



#2 alpha-BHC

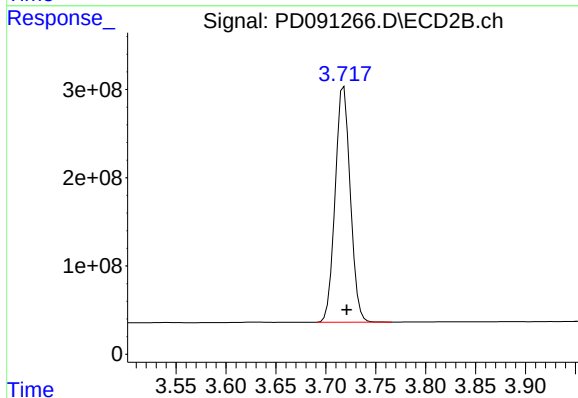
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 3085298859
Conc: 48.82 ng/ml



#3 gamma-BHC (Lindane)

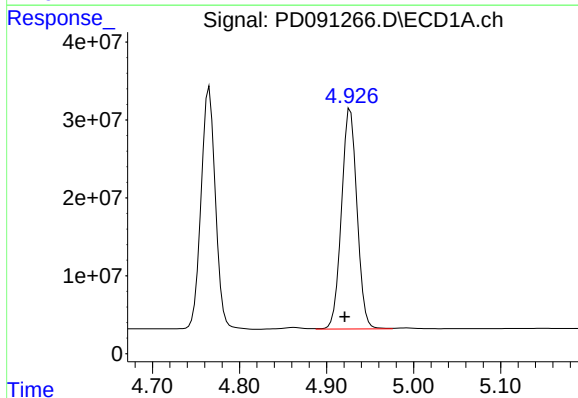
R.T.: 4.329 min
Delta R.T.: 0.006 min
Response: 357986912
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



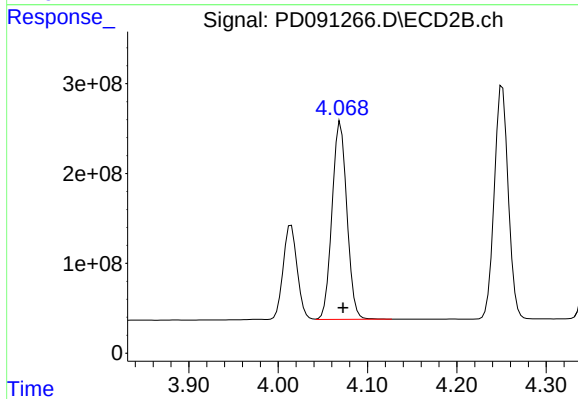
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 2818517281
Conc: 48.75 ng/ml



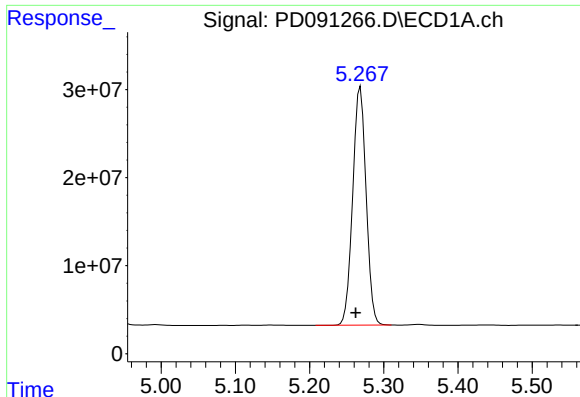
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.006 min
Response: 350380464
Conc: 48.92 ng/ml



#4 Heptachlor

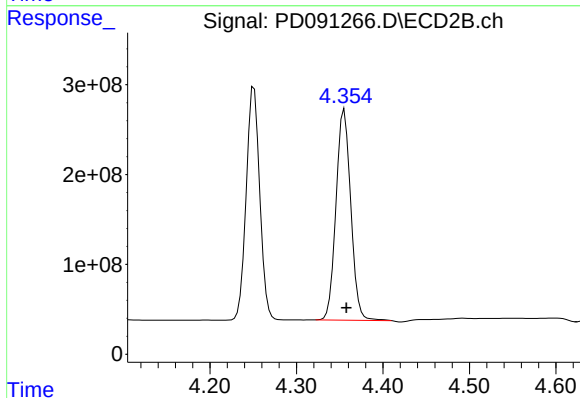
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 2545313492
Conc: 46.10 ng/ml



#5 Aldrin

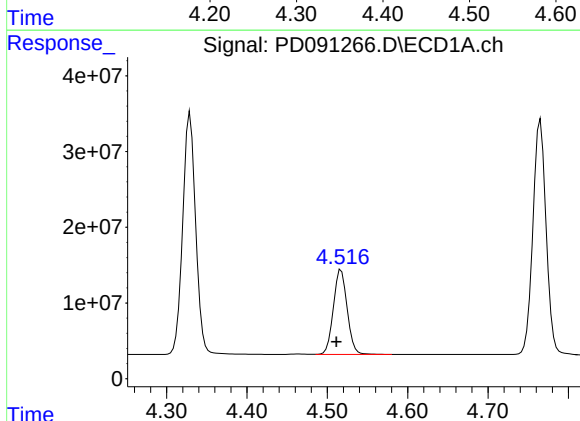
R.T.: 5.268 min
Delta R.T.: 0.006 min
Response: 339369145
Conc: 46.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



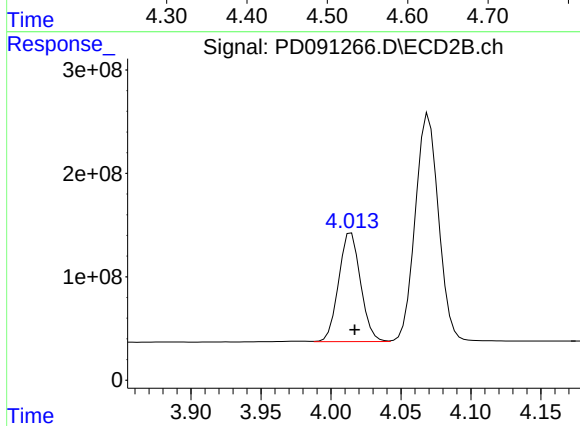
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 2768998219
Conc: 49.04 ng/ml



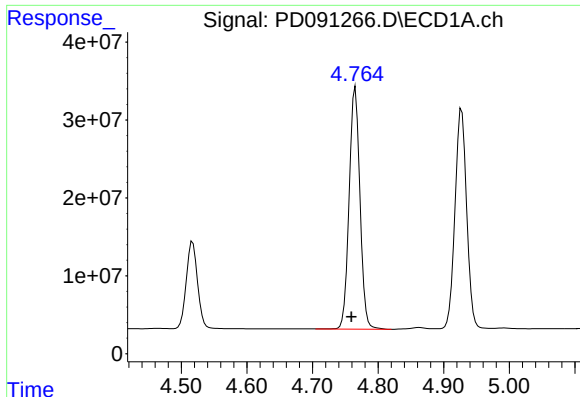
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 133397833
Conc: 45.91 ng/ml



#6 beta-BHC

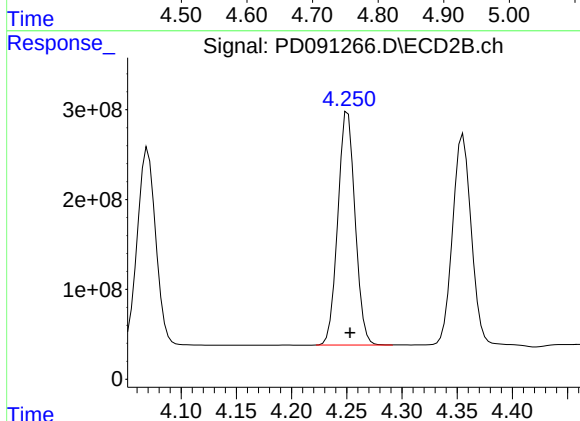
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1145755726
Conc: 47.69 ng/ml



#7 delta-BHC

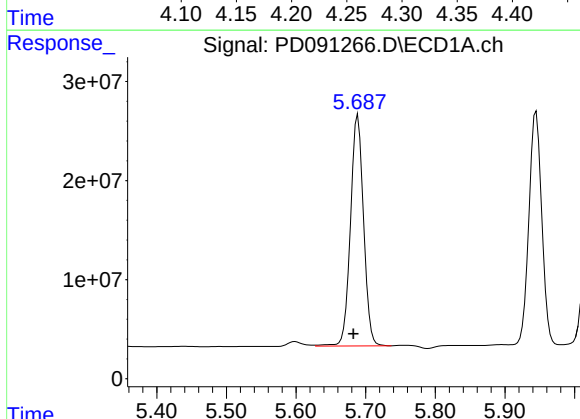
R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 356310908
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



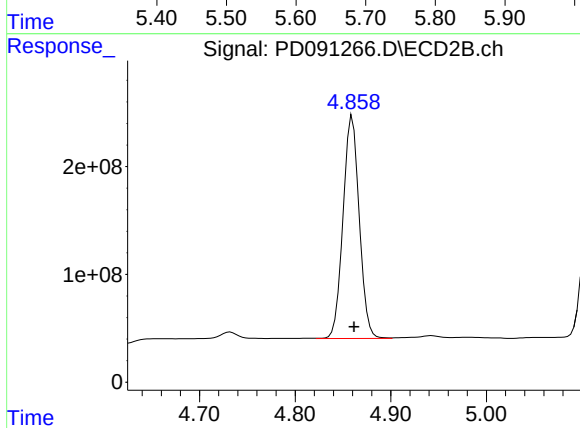
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2825799256
Conc: 48.32 ng/ml



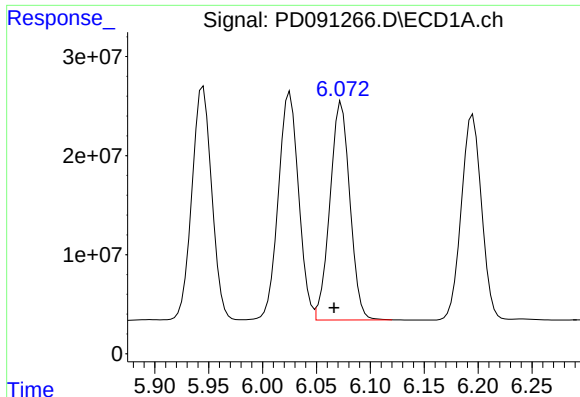
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.006 min
Response: 304788484
Conc: 46.91 ng/ml



#8 Heptachlor epoxide

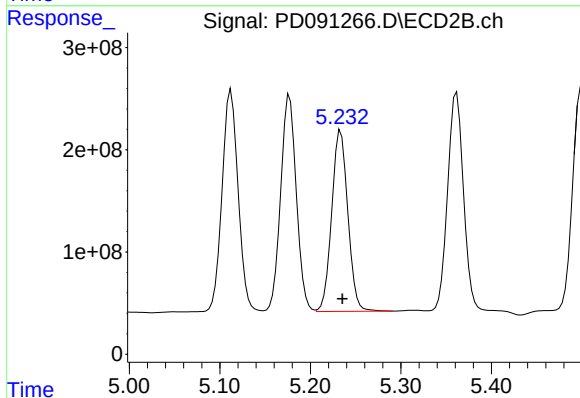
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2444237784
Conc: 47.97 ng/ml



#9 Endosulfan I

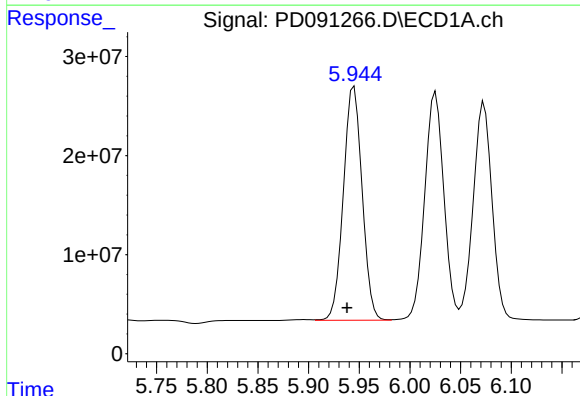
R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 283303812
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



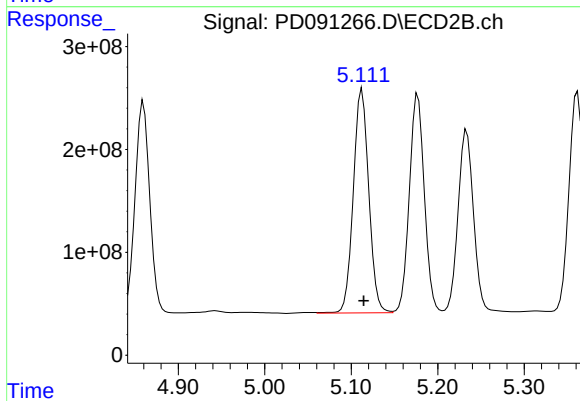
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2199010529
Conc: 45.95 ng/ml



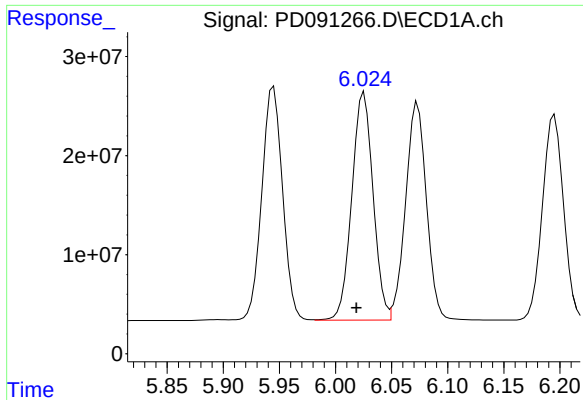
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.007 min
Response: 303087599
Conc: 46.62 ng/ml



#10 gamma-Chlordane

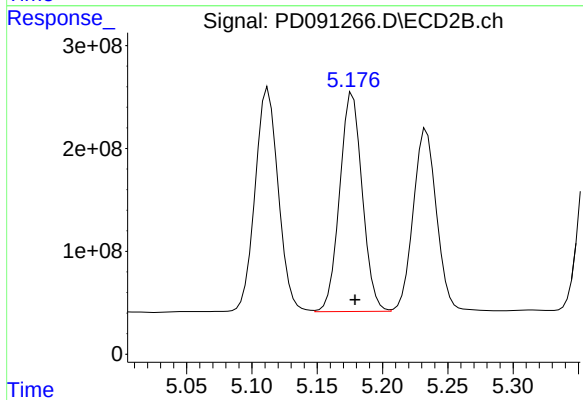
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2701089035
Conc: 49.45 ng/ml



#11 alpha-Chlordane

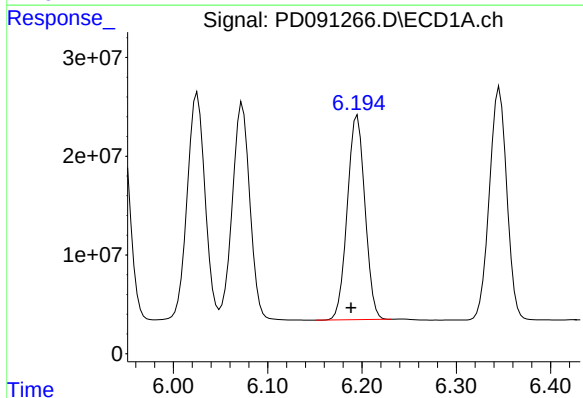
R.T.: 6.025 min
Delta R.T.: 0.007 min
Response: 302746862
Conc: 43.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



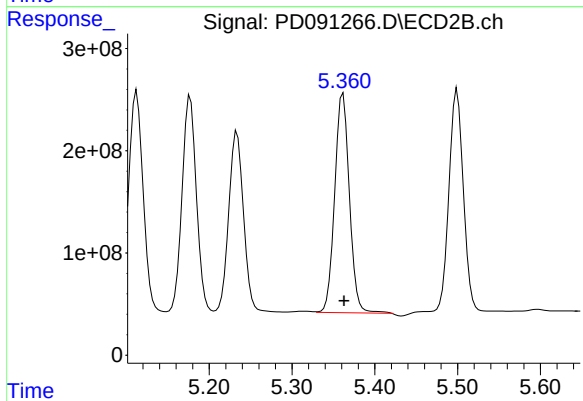
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2559736084
Conc: 48.91 ng/ml



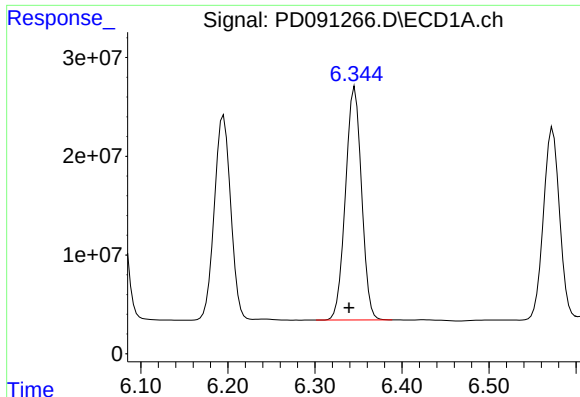
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.007 min
Response: 269553512
Conc: 46.48 ng/ml



#12 4,4'-DDE

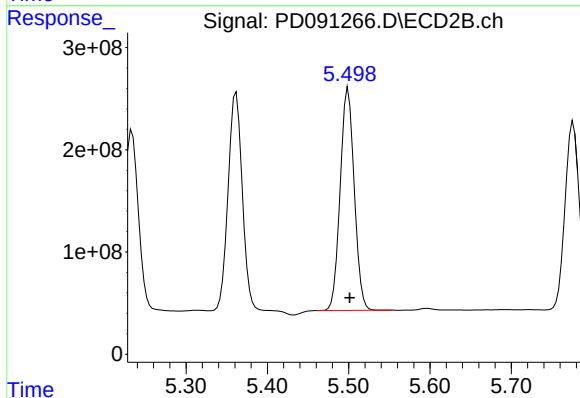
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2652684584
Conc: 49.64 ng/ml



#13 Dieldrin

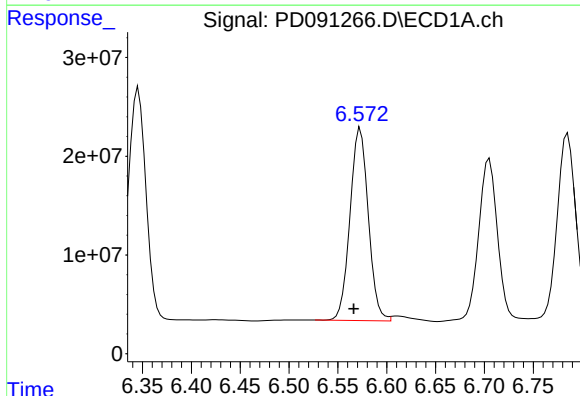
R.T.: 6.346 min
Delta R.T.: 0.007 min
Response: 302671987
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



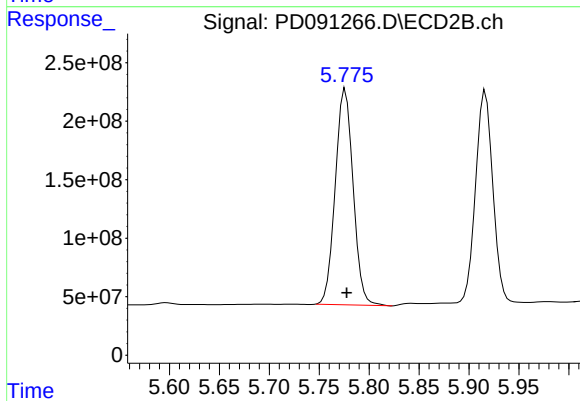
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 2611396992
Conc: 48.08 ng/ml



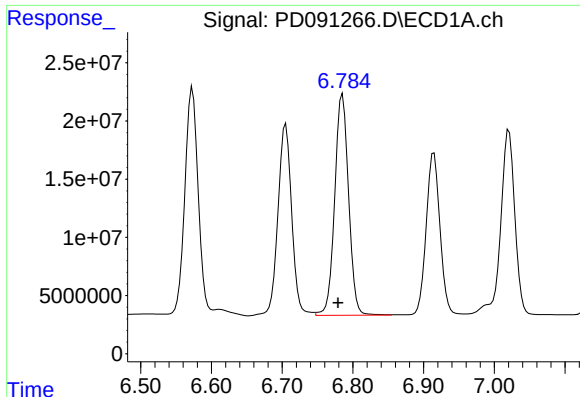
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.007 min
Response: 254578734
Conc: 51.29 ng/ml



#14 Endrin

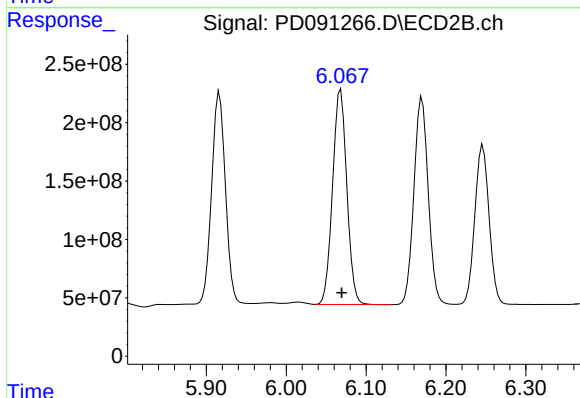
R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 2303042144
Conc: 50.96 ng/ml



#15 Endosulfan II

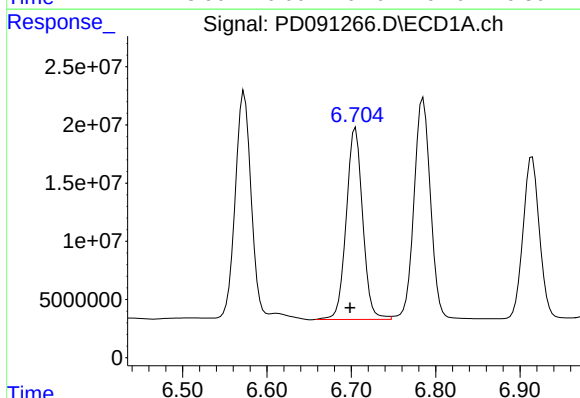
R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 259446304
Conc: 46.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



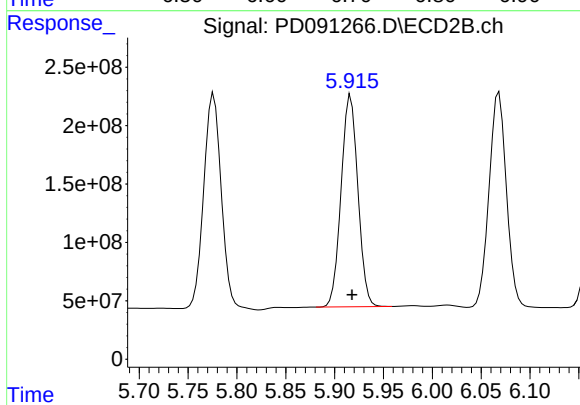
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2280558470
Conc: 48.86 ng/ml



#16 4,4'-DDD

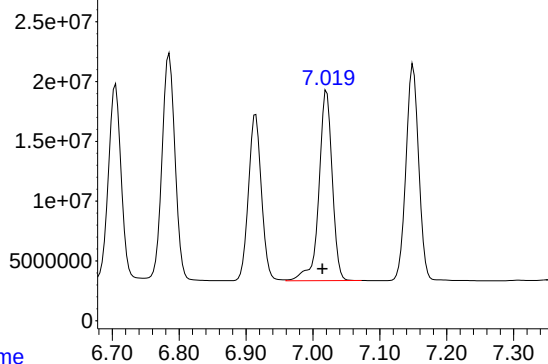
R.T.: 6.705 min
Delta R.T.: 0.007 min
Response: 223001228
Conc: 45.40 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 2170140080
Conc: 44.41 ng/ml

Response_ Signal: PD091266.D\ECD1A.ch

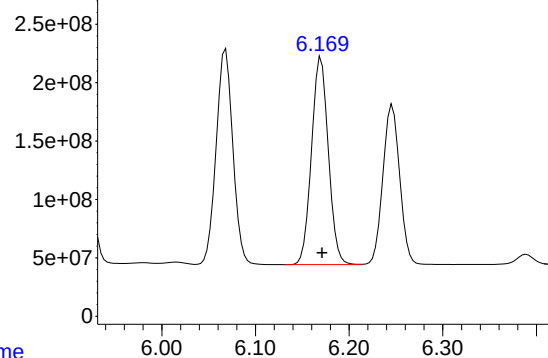


#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.006 min
Response: 221503088
Conc: 53.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

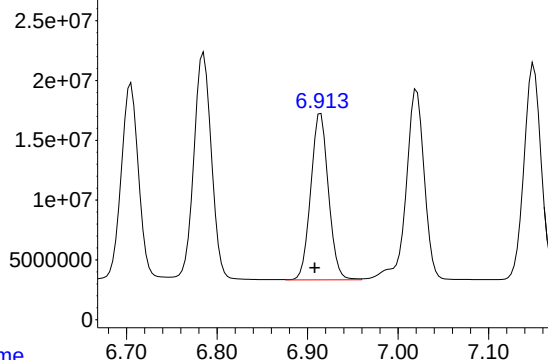
Time Response_ Signal: PD091266.D\ECD2B.ch



#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2223184720
Conc: 56.81 ng/ml

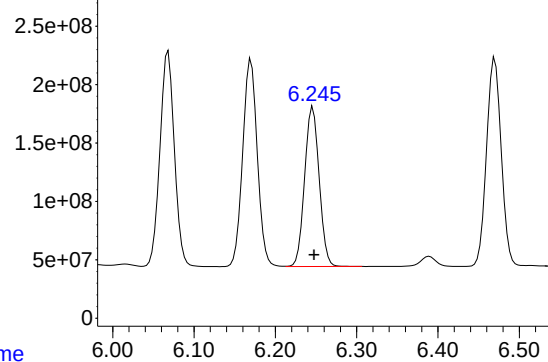
Time Response_ Signal: PD091266.D\ECD1A.ch



#18 Endrin aldehyde

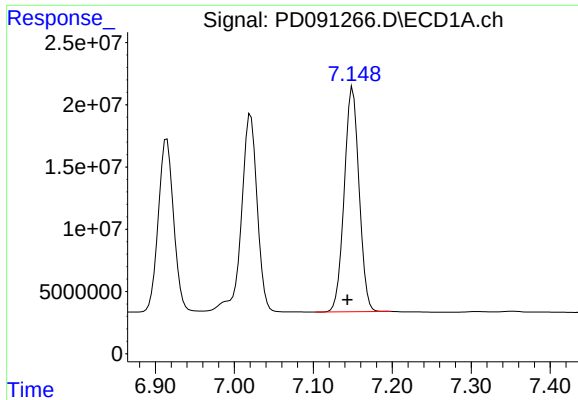
R.T.: 6.915 min
Delta R.T.: 0.006 min
Response: 188882309
Conc: 45.34 ng/ml

Time Response_ Signal: PD091266.D\ECD2B.ch



#18 Endrin aldehyde

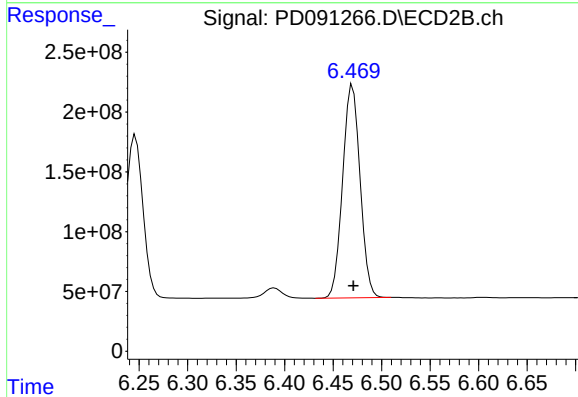
R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 1699018182
Conc: 48.15 ng/ml



#19 Endosulfan Sulfate

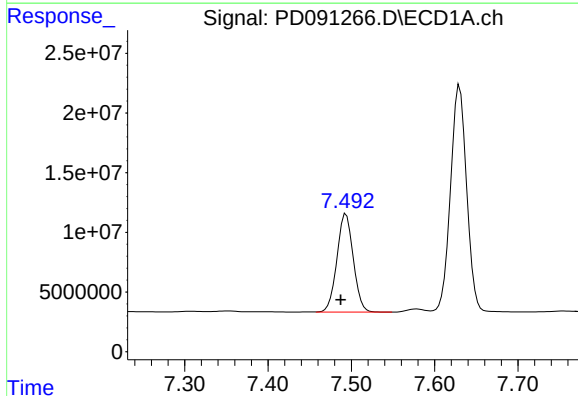
R.T.: 7.150 min
Delta R.T.: 0.007 min
Response: 236036481
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



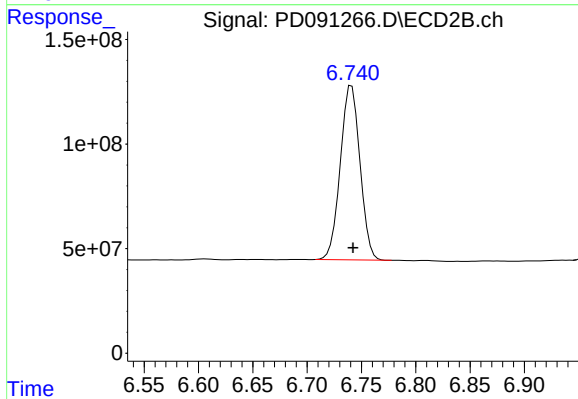
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2230282121
Conc: 49.74 ng/ml



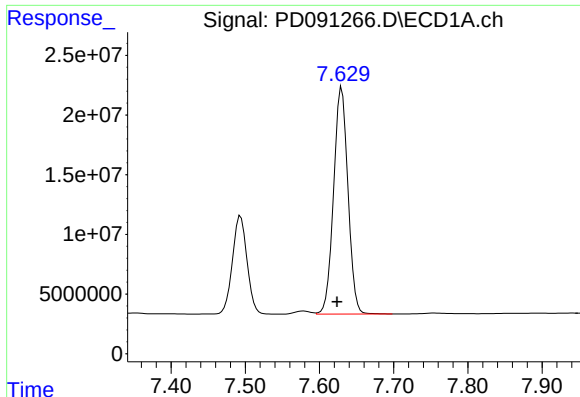
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.007 min
Response: 112421722
Conc: 51.70 ng/ml



#20 Methoxychlor

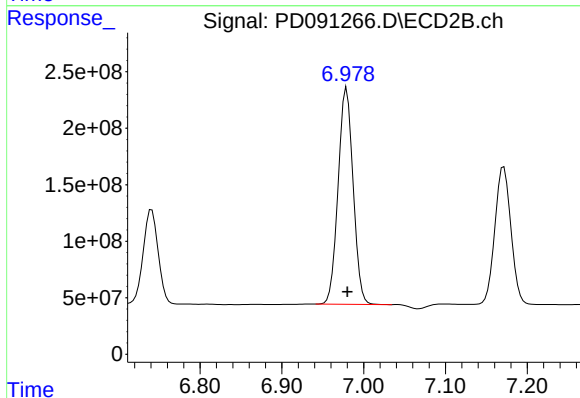
R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 1052239273
Conc: 52.48 ng/ml



#21 Endrin ketone

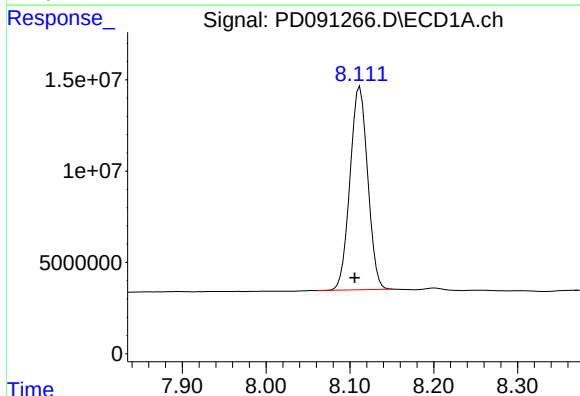
R.T.: 7.630 min
Delta R.T.: 0.006 min
Response: 256115672
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



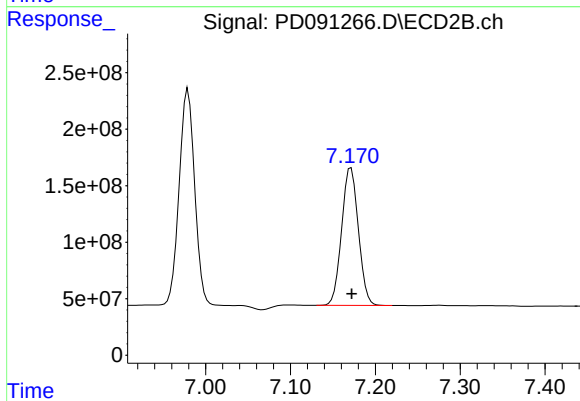
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2432027630
Conc: 47.73 ng/ml



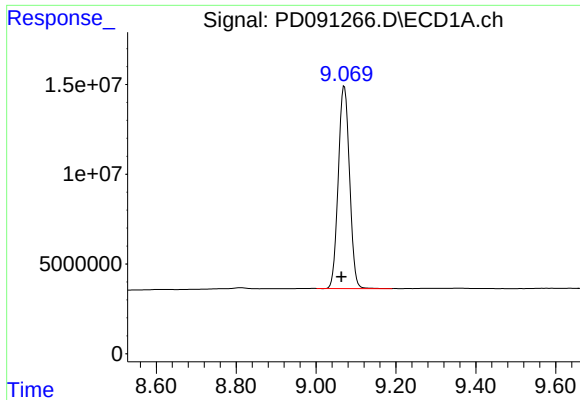
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.006 min
Response: 163536183
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1667267521
Conc: 50.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min

Delta R.T.: 0.008 min

Response: 220305006

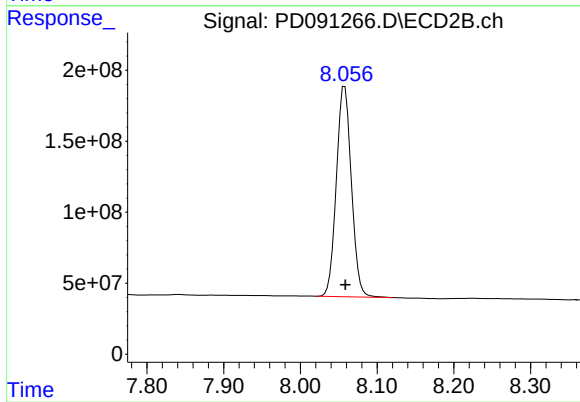
Conc: 44.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.058 min

Delta R.T.: 0.000 min

Response: 2023263113

Conc: 51.12 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 20:56

21:51

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	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00
Mirex	8.11	8.11	8.01	8.21	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 20:56

21:51

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	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00
Mirex	7.17	7.17	7.07	7.27	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091276.D **Time Analyzed:** 15:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.704	6.599	6.799	47.550	50.000	-4.9
4,4'-DDE	6.194	6.089	6.289	46.550	50.000	-6.9
4,4'-DDT	7.019	6.914	7.114	54.200	50.000	8.4
Aldrin	5.267	5.163	5.363	48.720	50.000	-2.6
alpha-BHC	3.998	3.893	4.093	50.750	50.000	1.5
alpha-Chlordane	6.024	5.919	6.119	44.430	50.000	-11.1
beta-BHC	4.517	4.411	4.611	46.810	50.000	-6.4
Decachlorobiphenyl	9.068	8.963	9.163	44.010	50.000	-12.0
delta-BHC	4.765	4.660	4.860	49.270	50.000	-1.5
Dieldrin	6.344	6.239	6.439	46.650	50.000	-6.7
Endosulfan I	6.072	5.966	6.166	46.560	50.000	-6.9
Endosulfan II	6.785	6.679	6.879	46.960	50.000	-6.1
Endosulfan sulfate	7.148	7.043	7.243	44.370	50.000	-11.3
Endrin	6.572	6.466	6.666	51.800	50.000	3.6
Endrin aldehyde	6.914	6.808	7.008	46.090	50.000	-7.8
Endrin ketone	7.629	7.524	7.724	44.830	50.000	-10.3
gamma-BHC (Lindane)	4.329	4.224	4.424	49.790	50.000	-0.4
gamma-Chlordane	5.943	5.838	6.038	47.790	50.000	-4.4
Heptachlor	4.926	4.821	5.021	50.800	50.000	1.6
Heptachlor epoxide	5.688	5.582	5.782	46.570	50.000	-6.9
Methoxychlor	7.492	7.387	7.587	50.800	50.000	1.6
Mirex	8.110	8.006	8.206	44.610	50.000	-10.8
Tetrachloro-m-xylene	3.548	3.444	3.644	47.810	50.000	-4.4



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No.: CCAL02 Date Analyzed: 11/19/2025

Lab Sample No.: PSTDCCC050 Data File : PD091276.D Time Analyzed: 15:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.917	5.817	6.017	44.380	50.000	-11.2
4,4'-DDE	5.362	5.263	5.463	49.930	50.000	-0.1
4,4'-DDT	6.171	6.071	6.271	55.040	50.000	10.1
Aldrin	4.357	4.258	4.458	50.440	50.000	0.9
alpha-BHC	3.383	3.286	3.486	50.650	50.000	1.3
alpha-Chlordane	5.178	5.079	5.279	49.970	50.000	-0.1
beta-BHC	4.016	3.918	4.118	49.450	50.000	-1.1
Decachlorobiphenyl	8.058	7.958	8.158	42.460	50.000	-15.1
delta-BHC	4.252	4.153	4.353	50.080	50.000	0.2
Dieldrin	5.500	5.401	5.601	48.390	50.000	-3.2
Endosulfan I	5.234	5.135	5.335	46.250	50.000	-7.5
Endosulfan II	6.068	5.969	6.169	46.940	50.000	-6.1
Endosulfan sulfate	6.471	6.371	6.571	47.030	50.000	-5.9
Endrin	5.777	5.678	5.878	52.790	50.000	5.6
Endrin aldehyde	6.247	6.148	6.348	46.090	50.000	-7.8
Endrin ketone	6.980	6.880	7.080	44.040	50.000	-11.9
gamma-BHC (Lindane)	3.719	3.621	3.821	50.650	50.000	1.3
gamma-Chlordane	5.113	5.014	5.214	50.420	50.000	0.8
Heptachlor	4.071	3.973	4.173	51.390	50.000	2.8
Heptachlor epoxide	4.861	4.762	4.962	49.360	50.000	-1.3
Methoxychlor	6.742	6.641	6.841	52.170	50.000	4.3
Mirex	7.172	7.073	7.273	43.480	50.000	-13.0
Tetrachloro-m-xylene	2.871	2.774	2.974	49.650	50.000	-0.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 15:55
 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 20 01:30:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.548	2.871	164.9E6	1818.6E6	47.814	49.647
28)	SA Decachlor...	9.068	8.058	219.2E6	1680.2E6	44.009	42.457
Target Compounds							
2)	A alpha-BHC	3.998	3.383	405.8E6	3201.5E6	50.752	50.655
3)	MA gamma-BHC...	4.329	3.719	372.1E6	2928.5E6	49.787	50.647
4)	MA Heptachlor	4.926	4.071	363.9E6	2837.1E6	50.805	51.388
5)	MB Aldrin	5.267	4.357	353.6E6	2847.7E6	48.724	50.439
6)	B beta-BHC	4.517	4.016	136.0E6	1188.1E6	46.806	49.449
7)	B delta-BHC	4.765	4.252	366.2E6	2928.6E6	49.272	50.080
8)	B Heptachlo...	5.688	4.861	302.6E6	2515.1E6	46.574	49.356
9)	A Endosulfan I	6.072	5.234	286.0E6	2212.9E6	46.564	46.245
10)	B gamma-Chl...	5.943	5.113	310.7E6	2754.5E6	47.792	50.424
11)	B alpha-Chl...	6.024	5.178	305.8E6	2615.0E6	44.429	49.969
12)	B 4,4'-DDE	6.194	5.362	270.0E6	2668.1E6	46.553	49.925
13)	MA Dieldrin	6.344	5.500	301.6E6	2628.3E6	46.652	48.393
14)	MA Endrin	6.572	5.777	257.1E6	2385.9E6	51.802	52.793
15)	B Endosulfa...	6.785	6.068	261.1E6	2191.3E6	46.965	46.944
16)	A 4,4'-DDD	6.704	5.917	233.5E6	2168.9E6	47.551	44.383
17)	MA 4,4'-DDT	7.019	6.171	224.2E6	2153.7E6	54.202	55.035
18)	B Endrin al...	6.914	6.247	192.0E6	1626.6E6	46.089	46.094
19)	B Endosulfa...	7.148	6.471	228.3E6	2108.7E6	44.369	47.034
20)	A Methoxychlor	7.492	6.742	110.5E6	1046.1E6	50.798	52.171
21)	B Endrin ke...	7.629	6.980	252.5E6	2244.2E6	44.829	44.042
22)	Mirex	8.110	7.172	158.7E6	1440.8E6	44.614	43.476

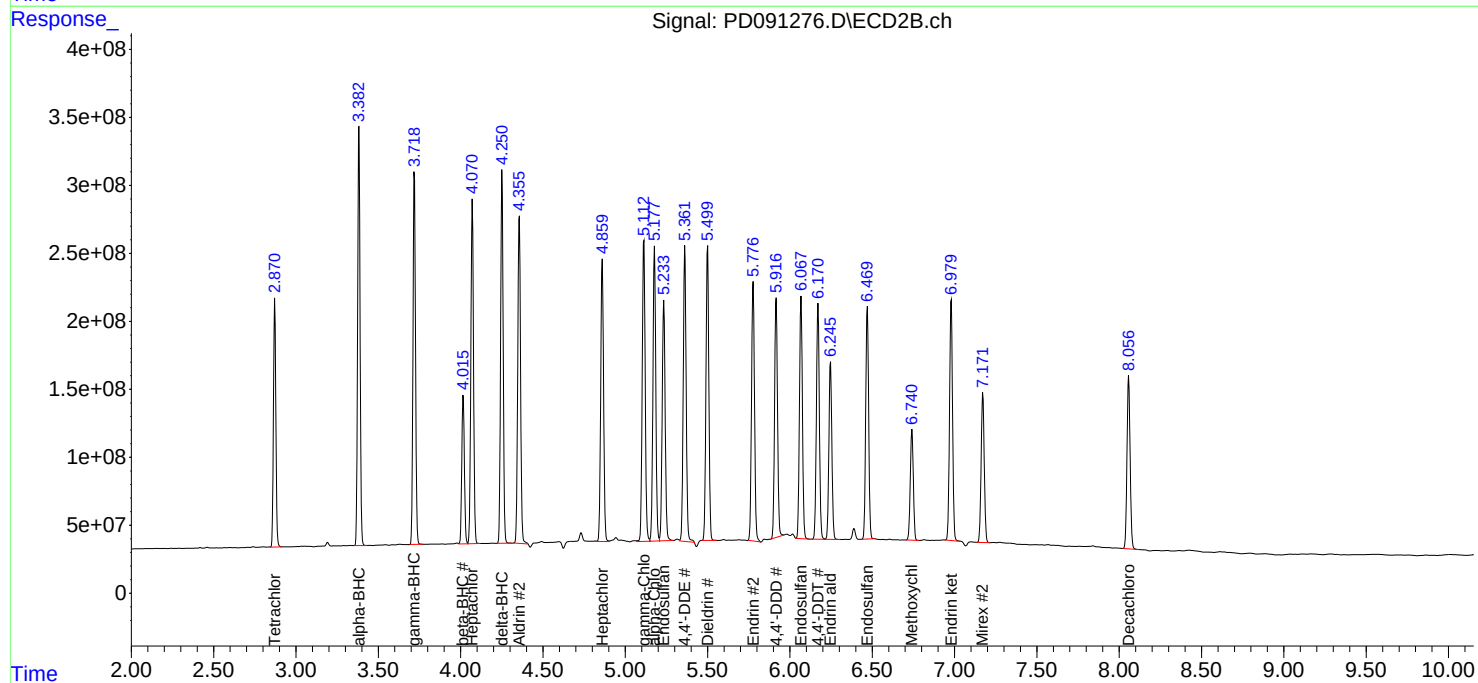
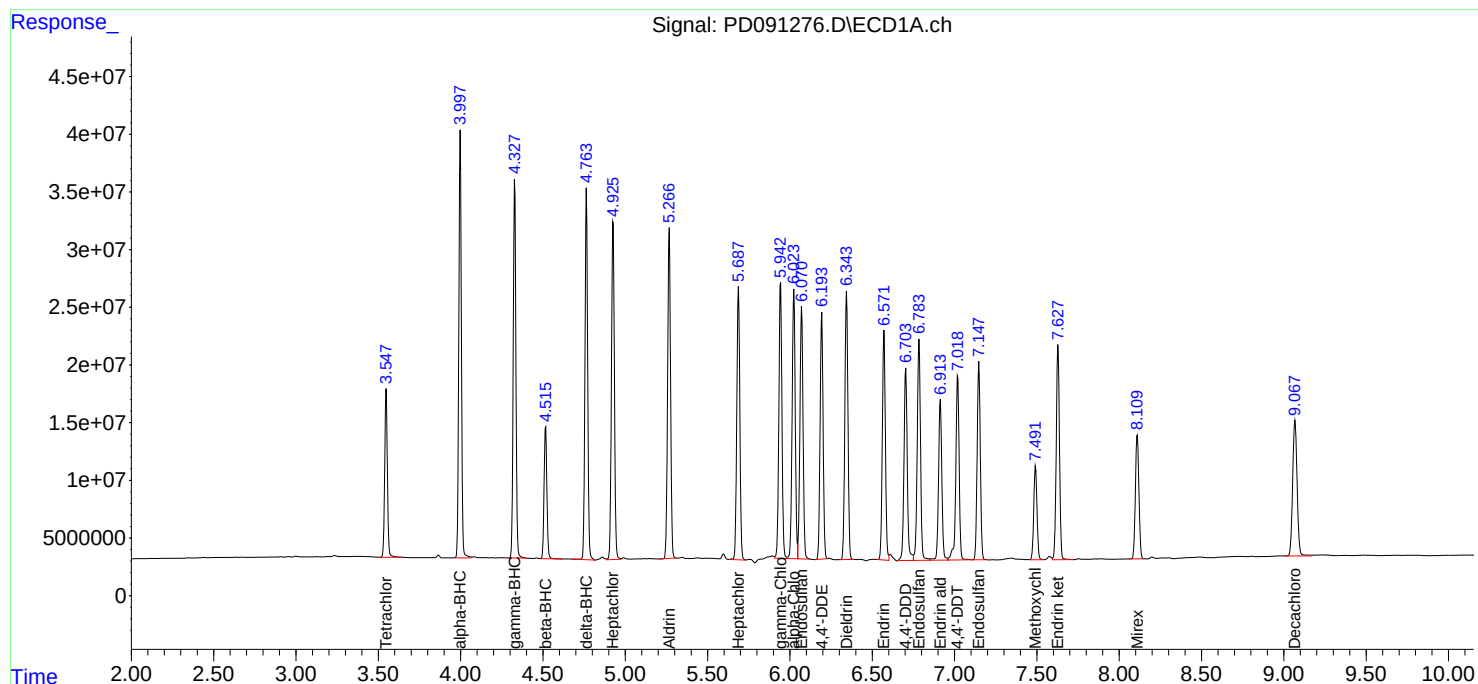
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

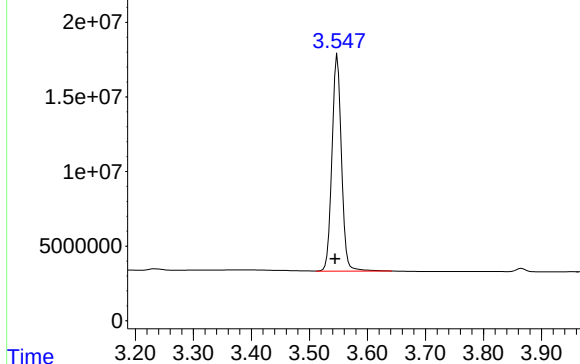
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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: PD091276.D\ECD1A.ch

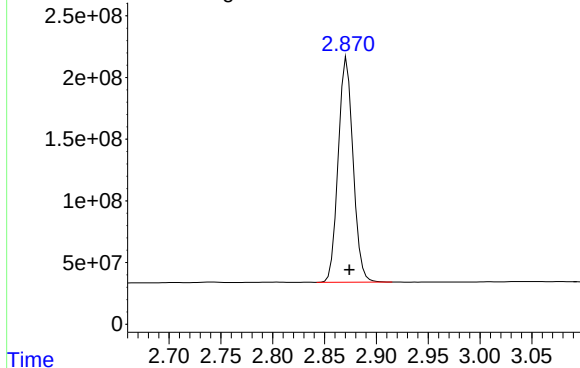


#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 164891157
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

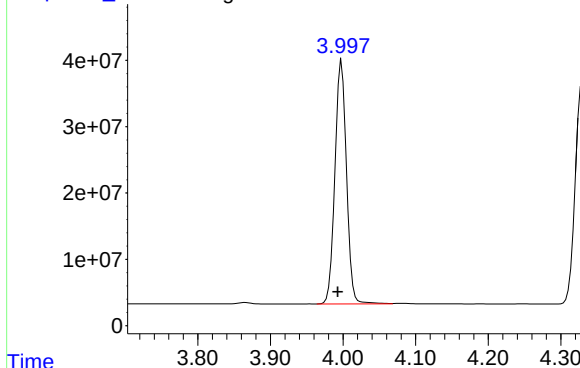
Response_ Signal: PD091276.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 1818592217
Conc: 49.65 ng/ml

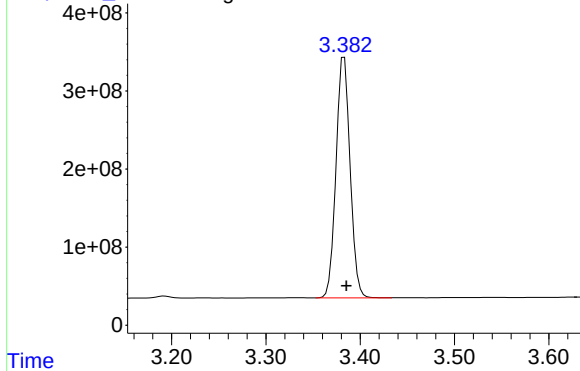
Response_ Signal: PD091276.D\ECD1A.ch



#2 alpha-BHC

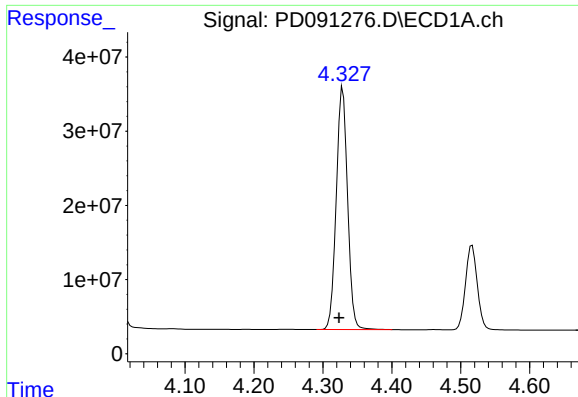
R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 405787392
Conc: 50.75 ng/ml

Response_ Signal: PD091276.D\ECD2B.ch



#2 alpha-BHC

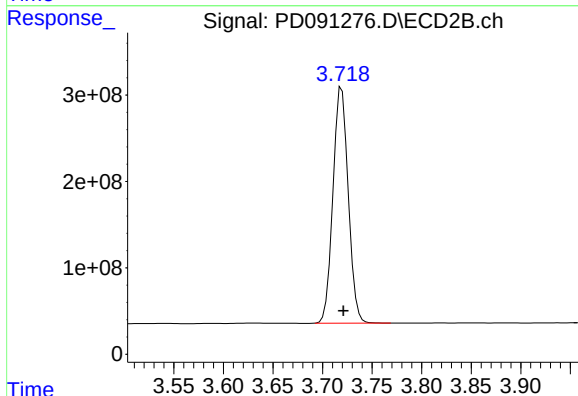
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3201509062
Conc: 50.65 ng/ml



#3 gamma-BHC (Lindane)

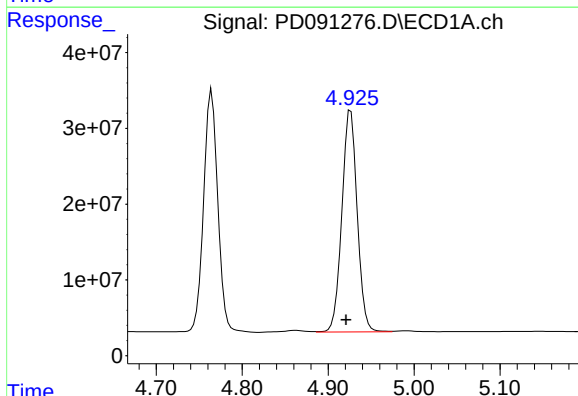
R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 372051313
Conc: 49.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



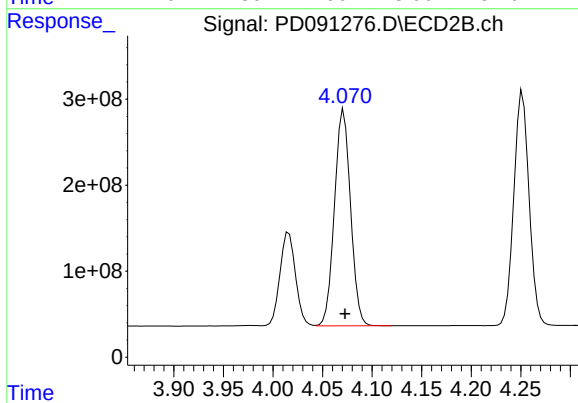
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2928491311
Conc: 50.65 ng/ml



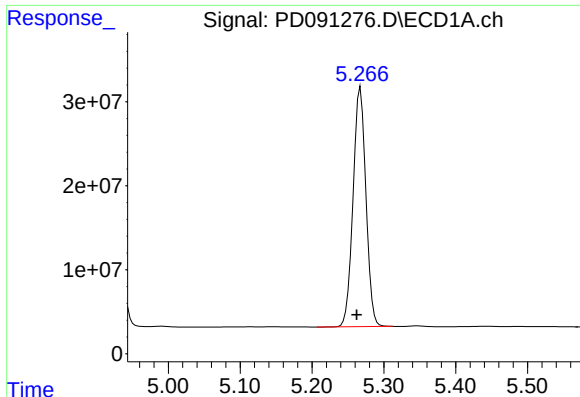
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 363850097
Conc: 50.80 ng/ml



#4 Heptachlor

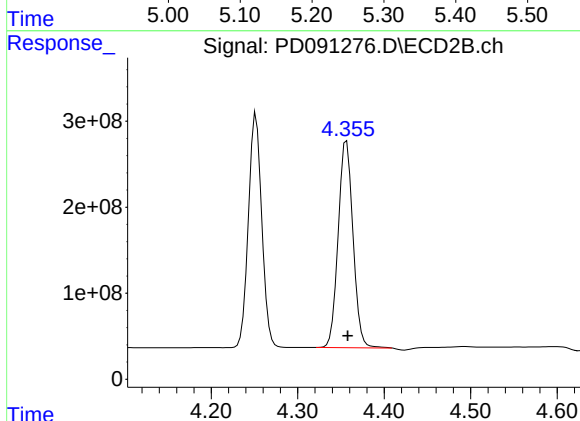
R.T.: 4.071 min
Delta R.T.: -0.001 min
Response: 2837097236
Conc: 51.39 ng/ml



#5 Aldrin

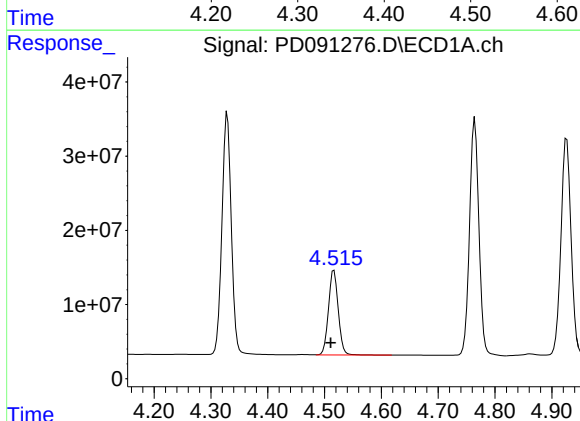
R.T.: 5.267 min
Delta R.T.: 0.005 min
Response: 353558572
Conc: 48.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



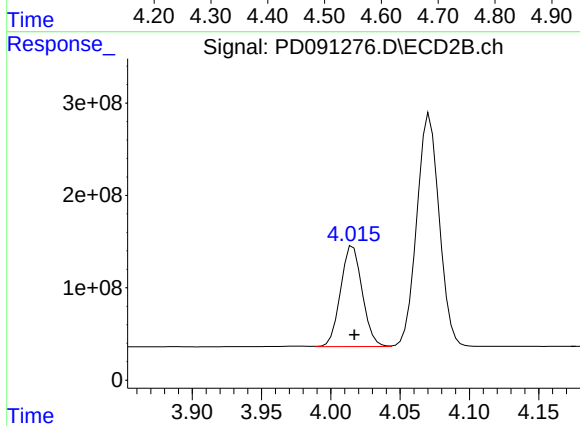
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 2847681166
Conc: 50.44 ng/ml



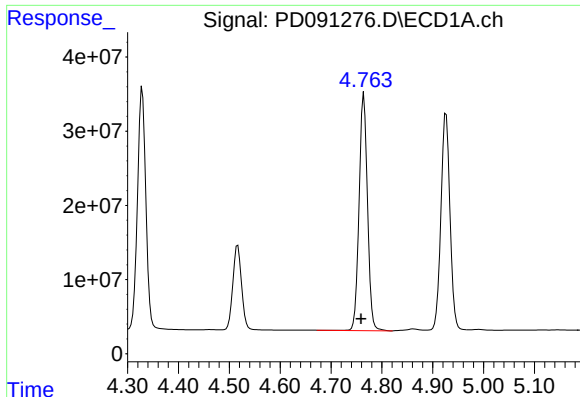
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.005 min
Response: 135993969
Conc: 46.81 ng/ml



#6 beta-BHC

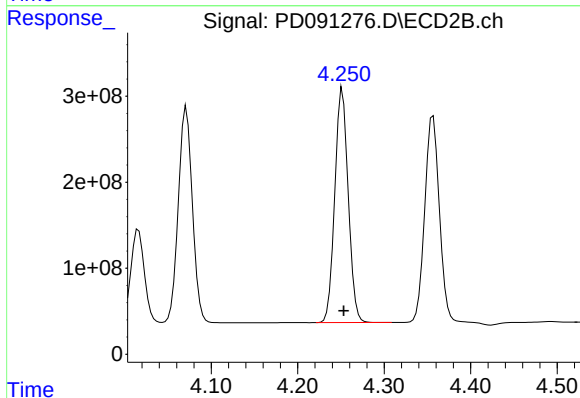
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 1188109577
Conc: 49.45 ng/ml



#7 delta-BHC

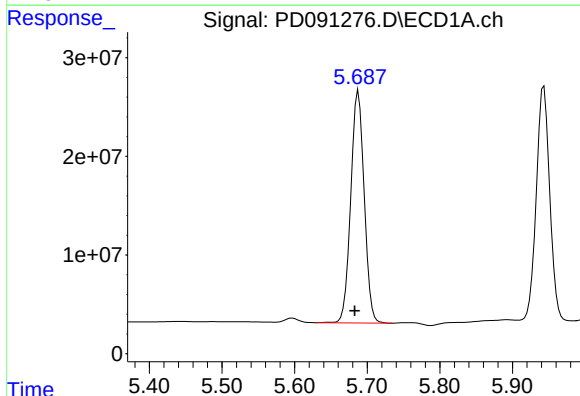
R.T.: 4.765 min
Delta R.T.: 0.005 min
Response: 366194116
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



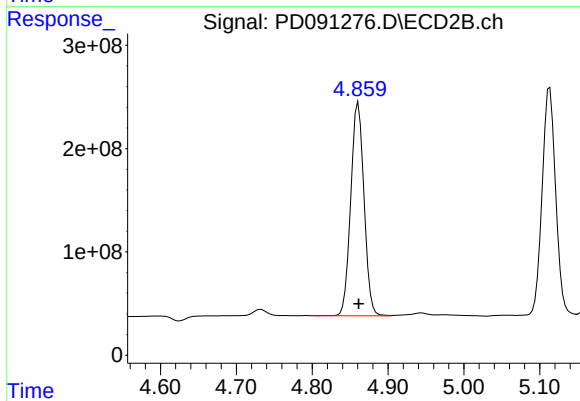
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 2928555385
Conc: 50.08 ng/ml



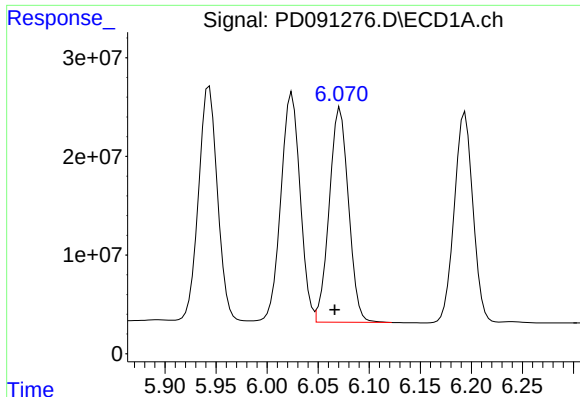
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 302578648
Conc: 46.57 ng/ml



#8 Heptachlor epoxide

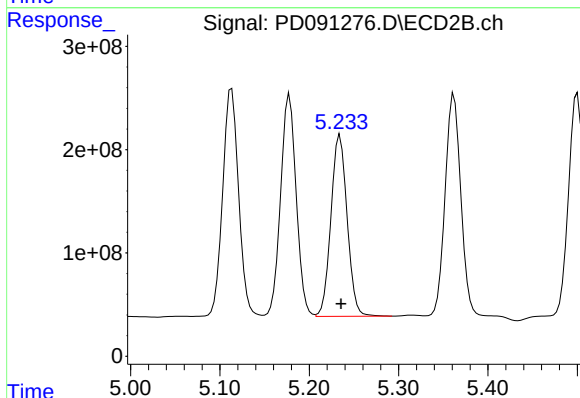
R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 2515138868
Conc: 49.36 ng/ml



#9 Endosulfan I

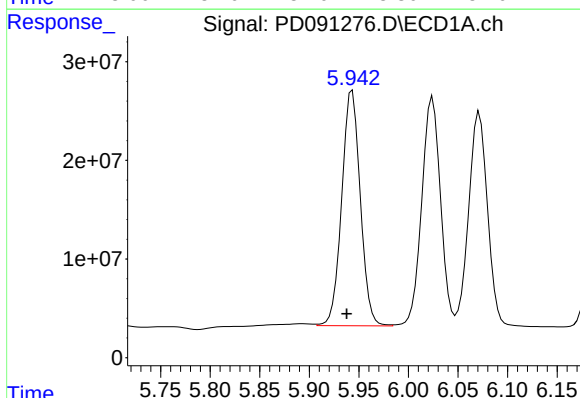
R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 286042112
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



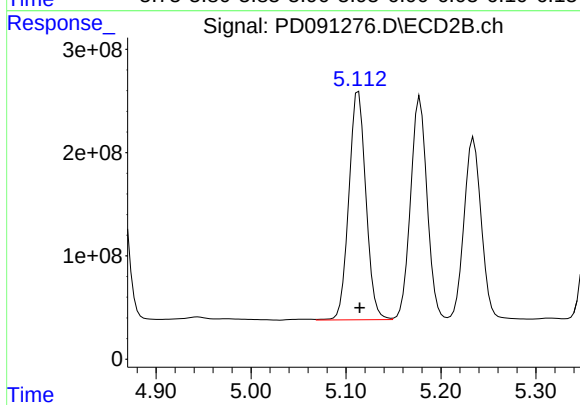
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2212919769
Conc: 46.25 ng/ml



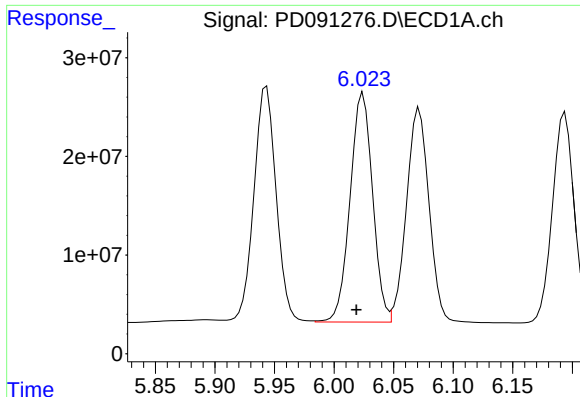
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.005 min
Response: 310687590
Conc: 47.79 ng/ml



#10 gamma-Chlordane

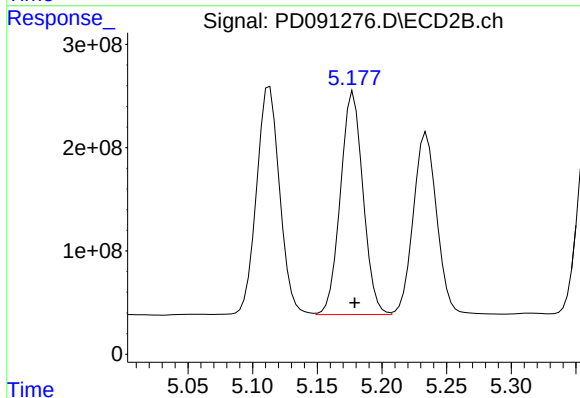
R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 2754544662
Conc: 50.42 ng/ml



#11 alpha-Chlordane

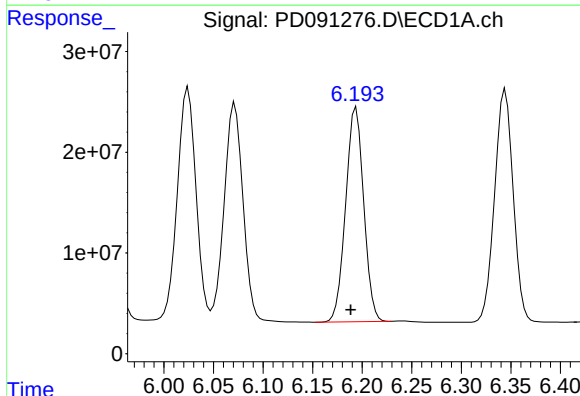
R.T.: 6.024 min
Delta R.T.: 0.006 min
Response: 305793570
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



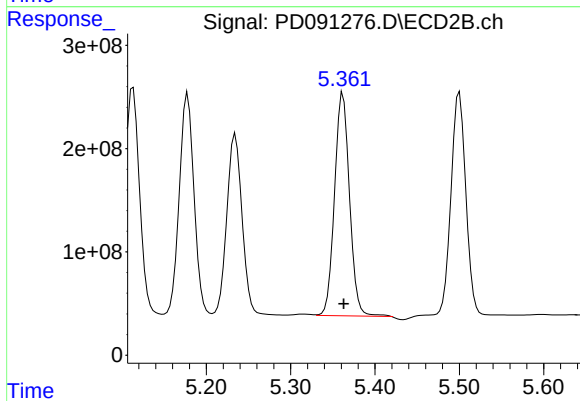
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2614966675
Conc: 49.97 ng/ml



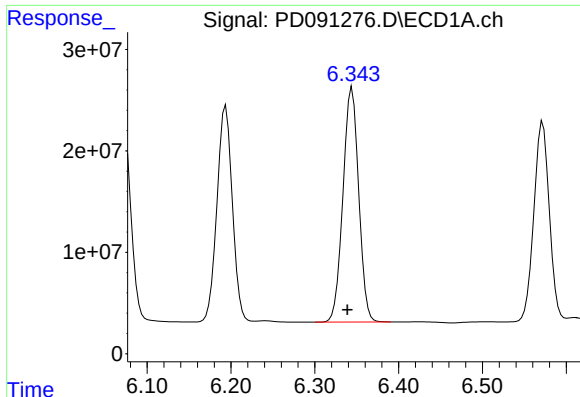
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 269980193
Conc: 46.55 ng/ml



#12 4,4'-DDE

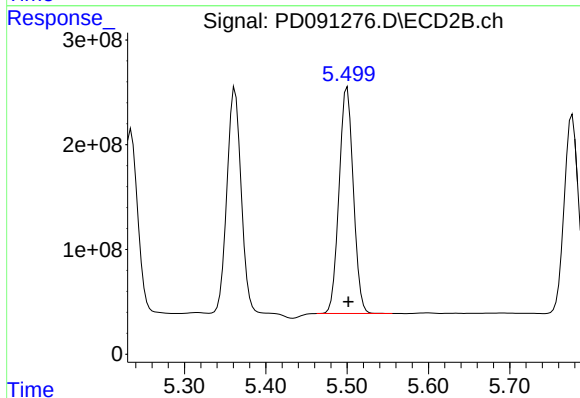
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 2668099746
Conc: 49.93 ng/ml



#13 Dieldrin

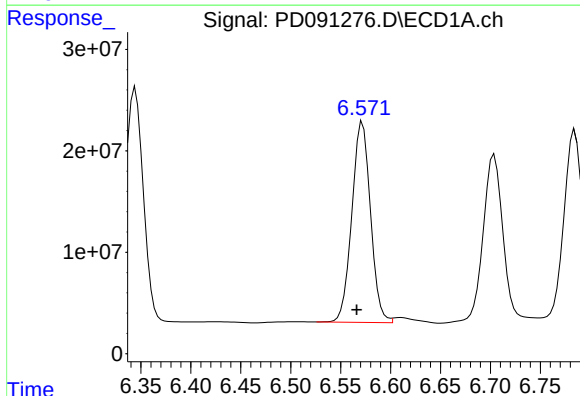
R.T.: 6.344 min
Delta R.T.: 0.005 min
Response: 301602912
Conc: 46.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



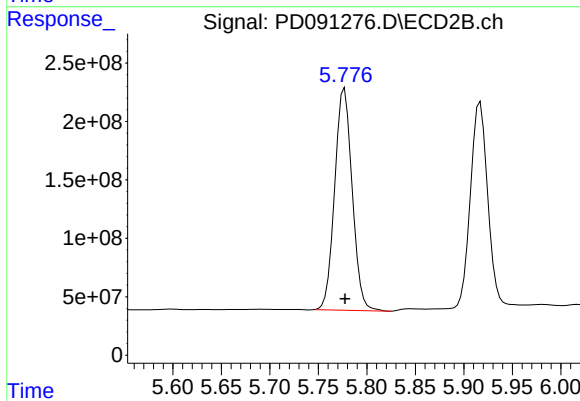
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 2628281974
Conc: 48.39 ng/ml



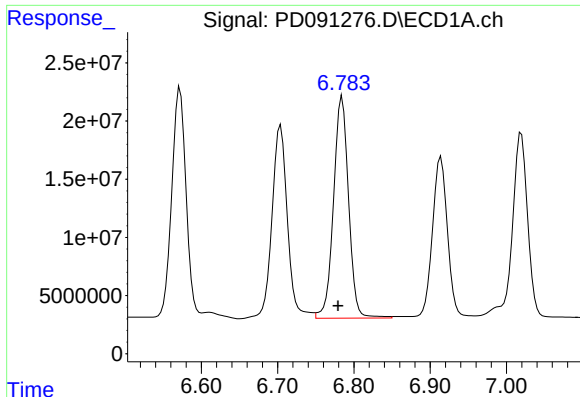
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.006 min
Response: 257116937
Conc: 51.80 ng/ml



#14 Endrin

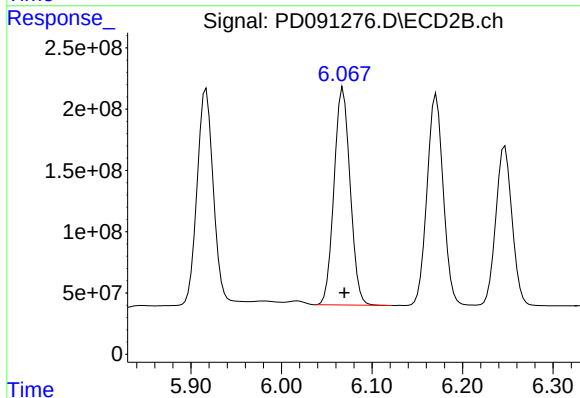
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2385872443
Conc: 52.79 ng/ml



#15 Endosulfan II

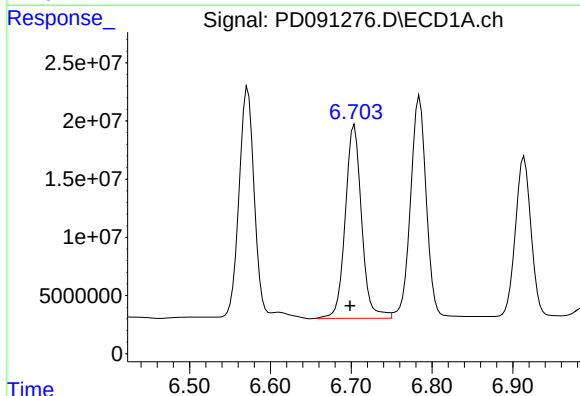
R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 261093364
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



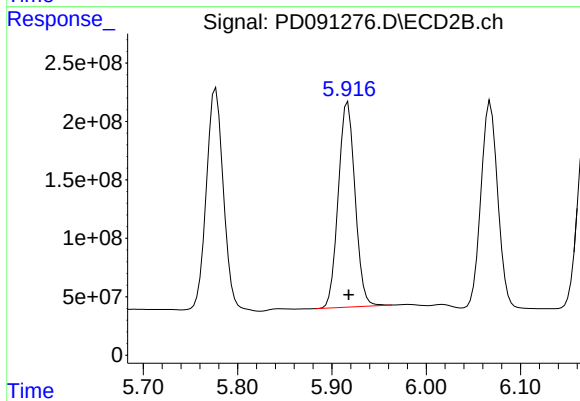
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2191327264
Conc: 46.94 ng/ml



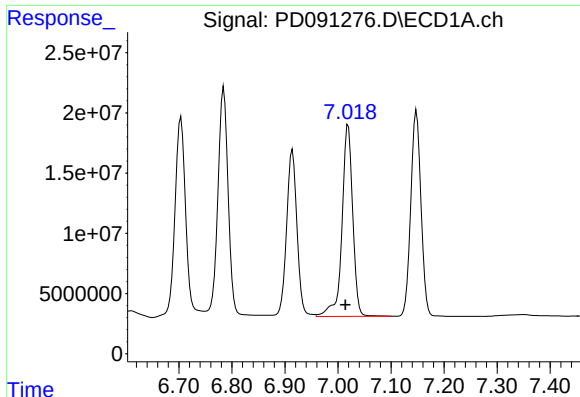
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.005 min
Response: 233545551
Conc: 47.55 ng/ml



#16 4,4'-DDD

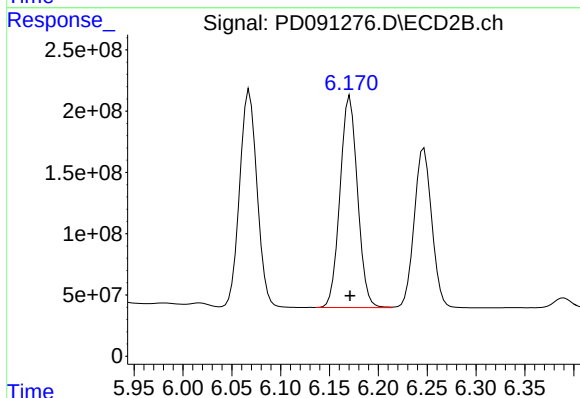
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 2168925998
Conc: 44.38 ng/ml



#17 4,4'-DDT

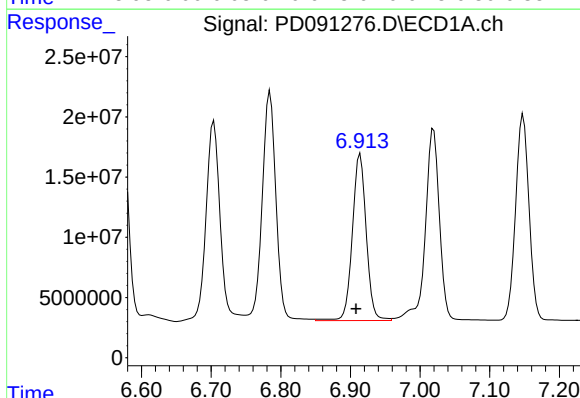
R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 224154307
Conc: 54.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



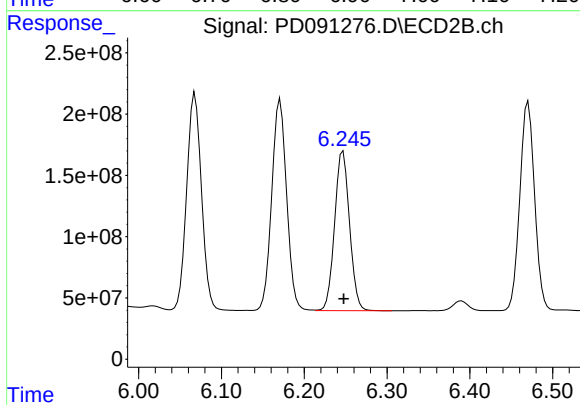
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 2153675040
Conc: 55.04 ng/ml



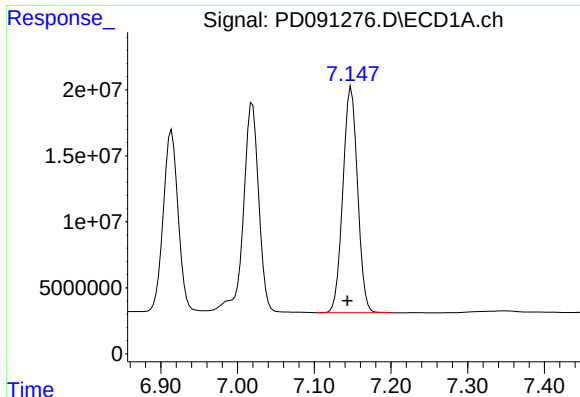
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 192009664
Conc: 46.09 ng/ml



#18 Endrin aldehyde

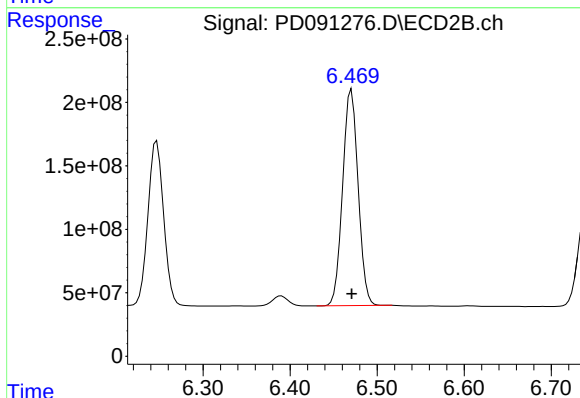
R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 1626628892
Conc: 46.09 ng/ml



#19 Endosulfan Sulfate

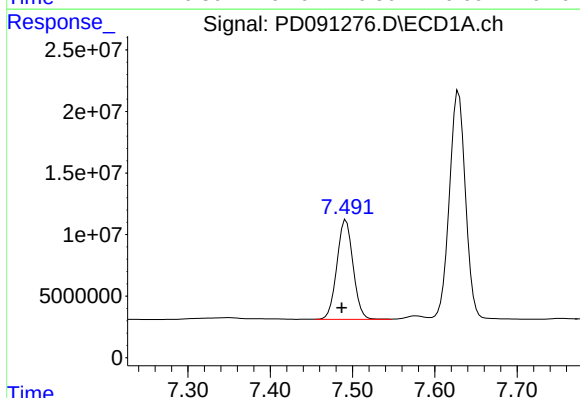
R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 228266818
Conc: 44.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



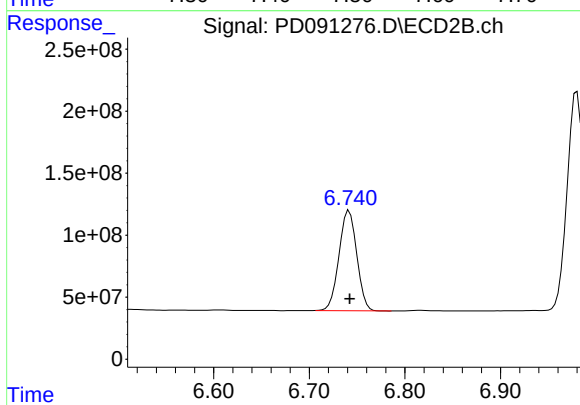
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 2108747071
Conc: 47.03 ng/ml



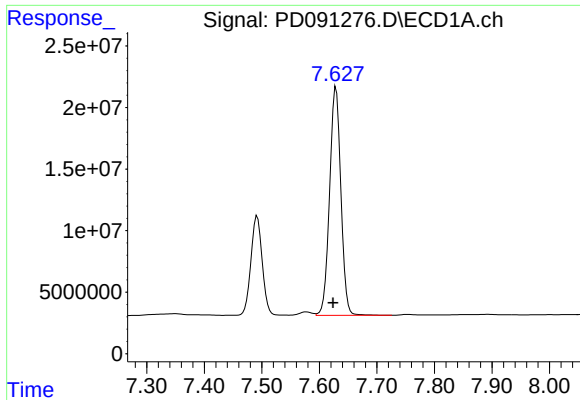
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.005 min
Response: 110452419
Conc: 50.80 ng/ml



#20 Methoxychlor

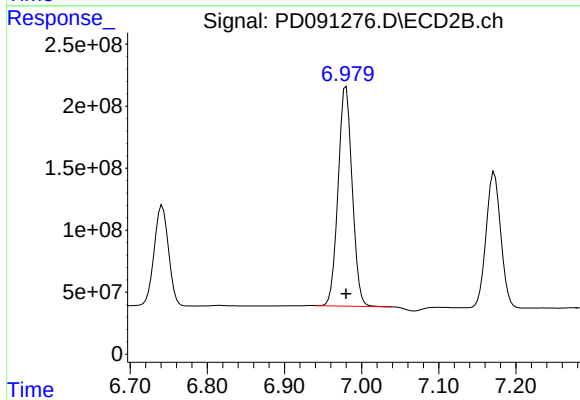
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1046103522
Conc: 52.17 ng/ml



#21 Endrin ketone

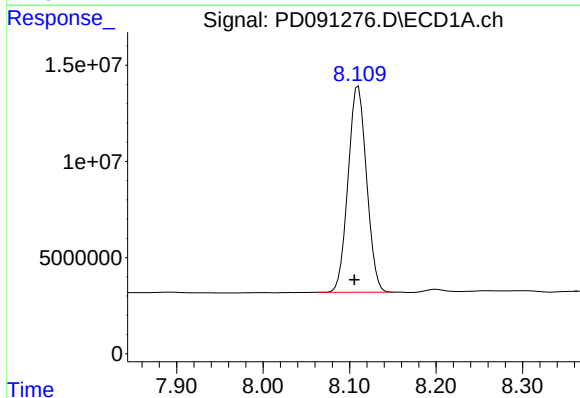
R.T.: 7.629 min
Delta R.T.: 0.005 min
Response: 252548109
Conc: 44.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



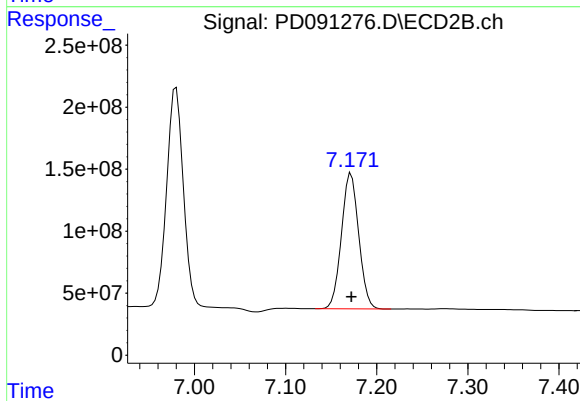
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 2244196392
Conc: 44.04 ng/ml



#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.004 min
Response: 158694843
Conc: 44.61 ng/ml



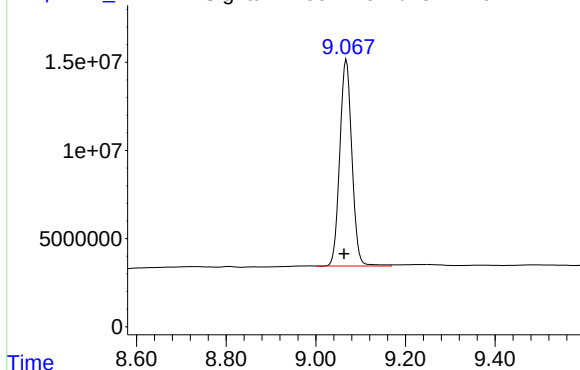
#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1440794308
Conc: 43.48 ng/ml

Response_

Signal: PD091276.D\ECD1A.ch

#28 Decachlorobiphenyl



R.T.: 9.068 min
Delta R.T.: 0.005 min
Response: 219247311
Conc: 44.01 ng/ml

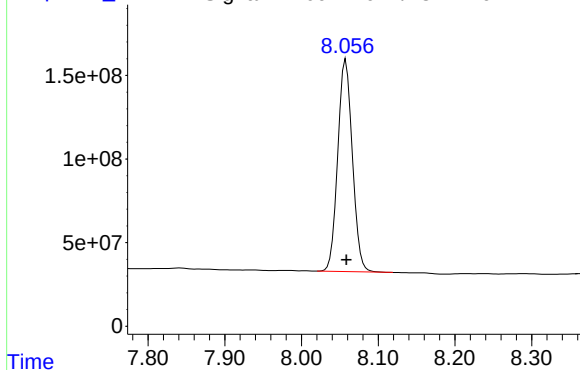
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response_

Signal: PD091276.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1680230839
Conc: 42.46 ng/ml

Time



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 18:40

Initial Calibration Time(s): 20:56

21:51

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	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.06	6.07	5.97	6.17	0.01
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.01
Endrin	6.56	6.57	6.47	6.67	0.01
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.48	7.49	7.39	7.59	0.01
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.01
Mirex	8.10	8.11	8.01	8.21	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 11/19/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 18:40

Initial Calibration Time(s): 20:56

21:51

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	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.01
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00
Mirex	7.17	7.17	7.07	7.27	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091287.D **Time Analyzed:** 18:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.696	6.599	6.799	47.400	50.000	-5.2
4,4'-DDE	6.185	6.089	6.289	49.020	50.000	-2.0
4,4'-DDT	7.011	6.914	7.114	45.410	50.000	-9.2
Aldrin	5.260	5.163	5.363	49.910	50.000	-0.2
alpha-BHC	3.991	3.893	4.093	51.290	50.000	2.6
alpha-Chlordane	6.016	5.919	6.119	46.580	50.000	-6.8
beta-BHC	4.509	4.411	4.611	49.050	50.000	-1.9
Decachlorobiphenyl	9.058	8.963	9.163	45.850	50.000	-8.3
delta-BHC	4.757	4.660	4.860	51.080	50.000	2.2
Dieldrin	6.336	6.239	6.439	49.260	50.000	-1.5
Endosulfan I	6.063	5.966	6.166	48.840	50.000	-2.3
Endosulfan II	6.775	6.679	6.879	47.600	50.000	-4.8
Endosulfan sulfate	7.140	7.043	7.243	46.220	50.000	-7.6
Endrin	6.563	6.466	6.666	52.600	50.000	5.2
Endrin aldehyde	6.905	6.808	7.008	47.120	50.000	-5.8
Endrin ketone	7.620	7.524	7.724	44.920	50.000	-10.2
gamma-BHC (Lindane)	4.321	4.224	4.424	50.760	50.000	1.5
gamma-Chlordane	5.935	5.838	6.038	50.120	50.000	0.2
Heptachlor	4.918	4.821	5.021	43.060	50.000	-13.9
Heptachlor epoxide	5.679	5.582	5.782	49.690	50.000	-0.6
Methoxychlor	7.484	7.387	7.587	40.550	50.000	-18.9
Mirex	8.102	8.006	8.206	45.830	50.000	-8.3
Tetrachloro-m-xylene	3.541	3.444	3.644	49.280	50.000	-1.4



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091287.D **Time Analyzed:** 18:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.916	5.817	6.017	46.580	50.000	-6.8
4,4'-DDE	5.359	5.263	5.463	50.570	50.000	1.1
4,4'-DDT	6.169	6.071	6.271	47.190	50.000	-5.6
Aldrin	4.356	4.258	4.458	52.190	50.000	4.4
alpha-BHC	3.383	3.286	3.486	50.530	50.000	1.1
alpha-Chlordane	5.177	5.079	5.279	50.730	50.000	1.5
beta-BHC	4.015	3.918	4.118	49.340	50.000	-1.3
Decachlorobiphenyl	8.055	7.958	8.158	45.000	50.000	-10.0
delta-BHC	4.251	4.153	4.353	50.440	50.000	0.9
Dieldrin	5.498	5.401	5.601	50.270	50.000	0.5
Endosulfan I	5.233	5.135	5.335	41.550	50.000	-16.9
Endosulfan II	6.067	5.969	6.169	49.210	50.000	-1.6
Endosulfan sulfate	6.468	6.371	6.571	47.980	50.000	-4.0
Endrin	5.775	5.678	5.878	52.990	50.000	6.0
Endrin aldehyde	6.245	6.148	6.348	47.600	50.000	-4.8
Endrin ketone	6.977	6.880	7.080	45.870	50.000	-8.3
gamma-BHC (Lindane)	3.719	3.621	3.821	50.140	50.000	0.3
gamma-Chlordane	5.112	5.014	5.214	51.550	50.000	3.1
Heptachlor	4.070	3.973	4.173	44.190	50.000	-11.6
Heptachlor epoxide	4.860	4.762	4.962	50.100	50.000	0.2
Methoxychlor	6.739	6.641	6.841	43.340	50.000	-13.3
Mirex	7.170	7.073	7.273	47.090	50.000	-5.8
Tetrachloro-m-xylene	2.872	2.774	2.974	50.050	50.000	0.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 18:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/20/2025
 Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	170.0E6	1833.5E6	49.283	50.054
28)	SA Decachlor...	9.058	8.055	228.4E6	1780.9E6	45.854	45.000
Target Compounds							
2)	A alpha-BHC	3.991	3.383	410.1E6	3193.4E6	51.292	50.525
3)	MA gamma-BHC...	4.321	3.719	379.3E6	2899.1E6	50.758	50.140
4)	MA Heptachlor	4.918	4.070	308.4E6	2439.9E6	43.061	44.193
5)	MB Aldrin	5.260	4.356	362.2E6	2946.5E6	49.908	52.188
6)	B beta-BHC	4.509	4.015	142.5E6	1185.4E6	49.045	49.335
7)	B delta-BHC	4.757	4.251	379.6E6	2949.7E6	51.080	50.442
8)	B Heptachlo...	5.679	4.860	322.8E6	2553.1E6	49.686	50.102
9)	A Endosulfan I	6.063	5.233	300.0E6	1988.3E6	48.842	41.551
10)	B gamma-Chl...	5.935	5.112	325.8E6	2816.0E6	50.121	51.549
11)	B alpha-Chl...	6.016	5.177	320.6E6	2654.6E6	46.577	50.728
12)	B 4,4'-DDE	6.185	5.359	284.3E6	2702.7E6	49.025	50.572m
13)	MA Dieldrin	6.336	5.498	318.4E6	2730.0E6	49.256	50.266
14)	MA Endrin	6.563	5.775	261.1E6	2394.5E6	52.602	52.985
15)	B Endosulfa...	6.775	6.067	264.6E6	2297.3E6	47.603m	49.214
16)	A 4,4'-DDD	6.696	5.916	232.8E6	2276.5E6	47.400	46.584
17)	MA 4,4'-DDT	7.011	6.169	187.8E6	1846.6E6	45.415	47.188
18)	B Endrin al...	6.905	6.245	196.3E6	1679.8E6	47.120	47.601
19)	B Endosulfa...	7.140	6.468	237.8E6	2151.3E6	46.218	47.983
20)	A Methoxychlor	7.484	6.739	88172487	869.0E6	40.551	43.340
21)	B Endrin ke...	7.620	6.977	253.0E6	2337.2E6	44.916	45.866
22)	Mirex	8.102	7.170	163.0E6	1560.6E6	45.832	47.091

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 18:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

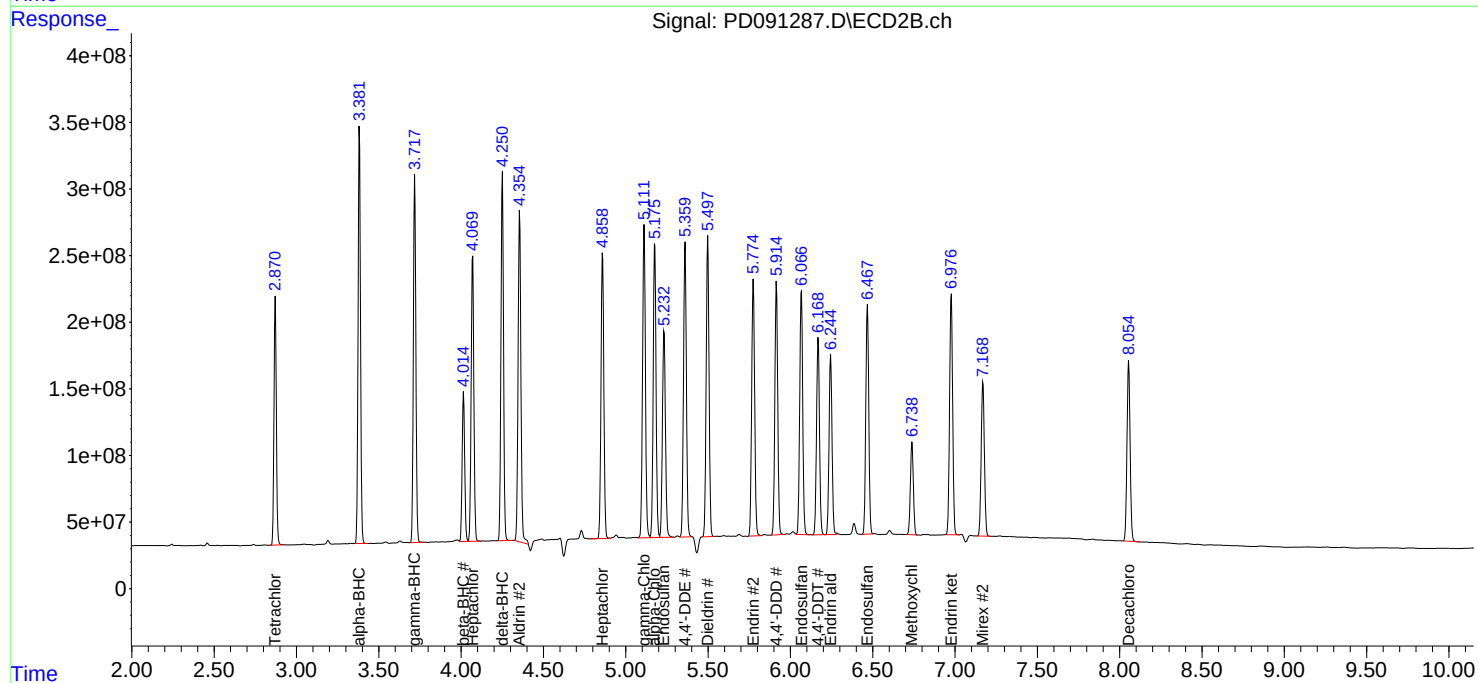
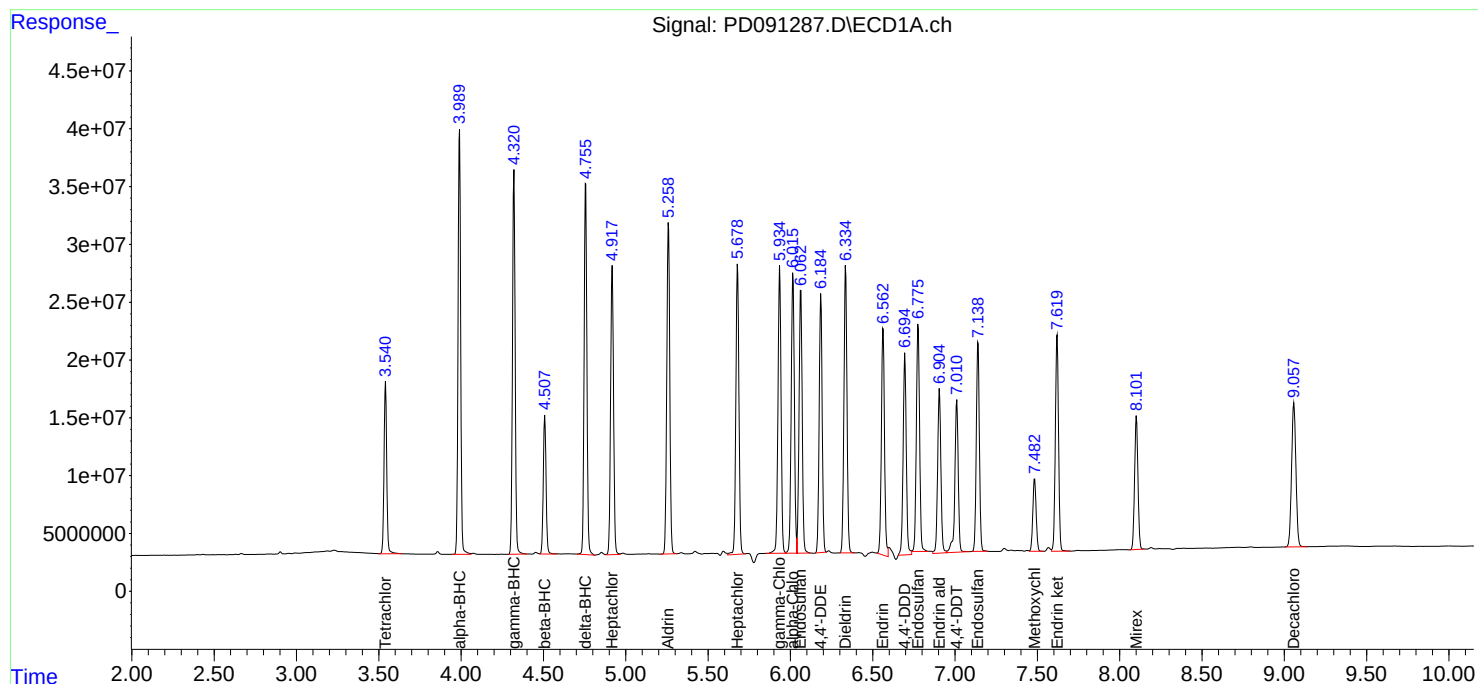
Manual Integrations

APPROVED

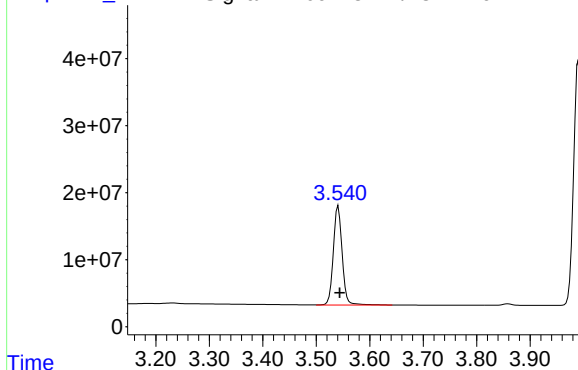
Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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: PD091287.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 169957746
Conc: 49.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

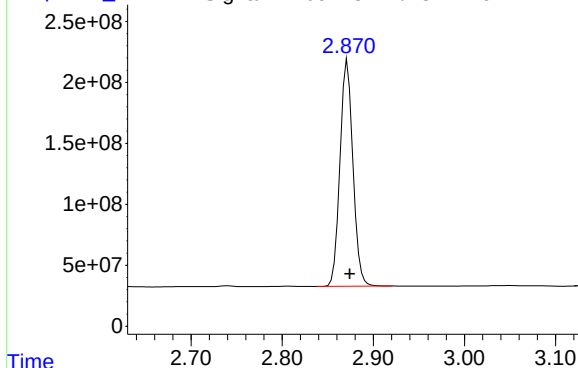
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

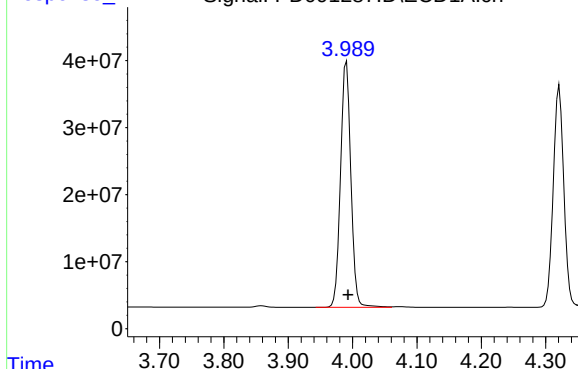
Response_ Signal: PD091287.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 1833496550
Conc: 50.05 ng/ml

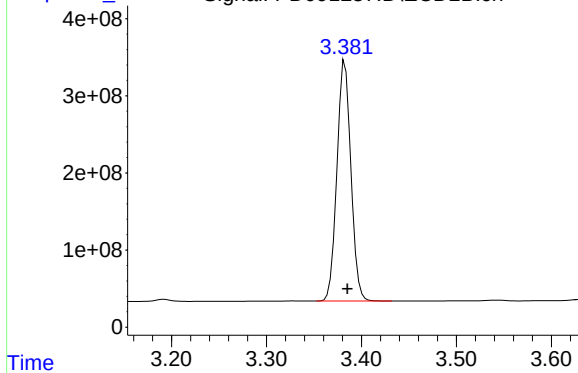
Response_ Signal: PD091287.D\ECD1A.ch



#2 alpha-BHC

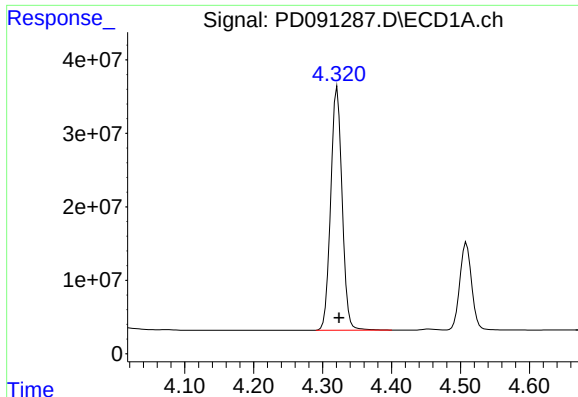
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 410104646
Conc: 51.29 ng/ml

Response_ Signal: PD091287.D\ECD2B.ch



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3193351855
Conc: 50.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 379308348
Conc: 50.76 ng/ml

Instrument :

ECD_D

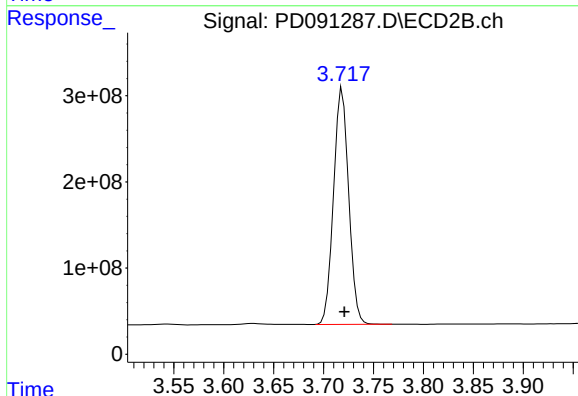
ClientSampleId :

PSTDCCC050

Manual Integrations

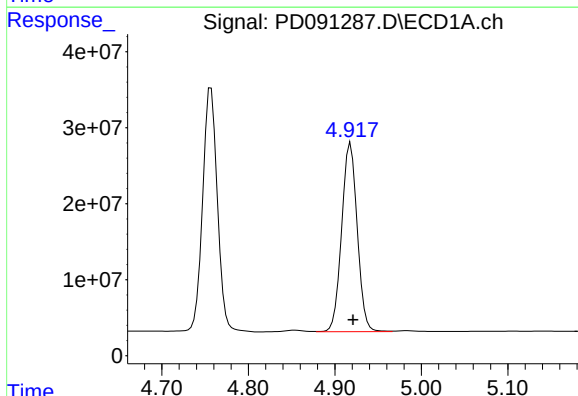
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



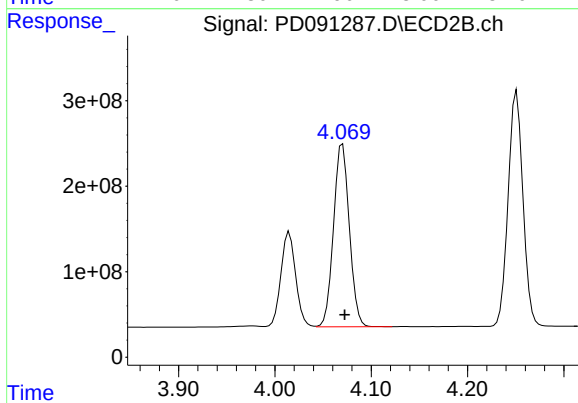
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2899136615
Conc: 50.14 ng/ml



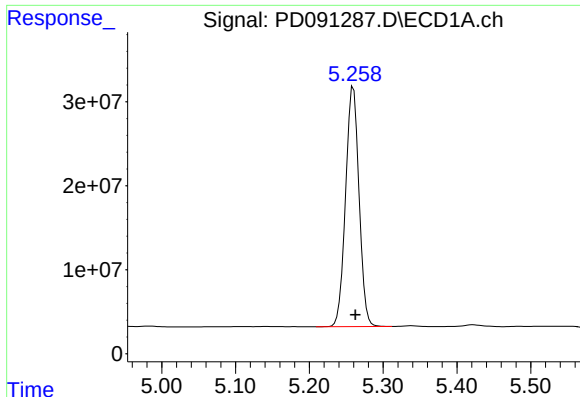
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 308390854
Conc: 43.06 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2439863467
Conc: 44.19 ng/ml



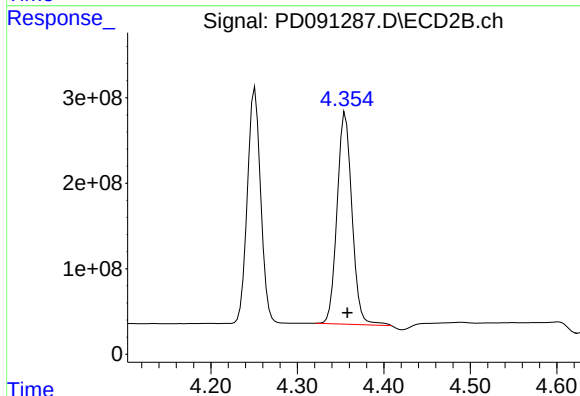
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 362155470
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

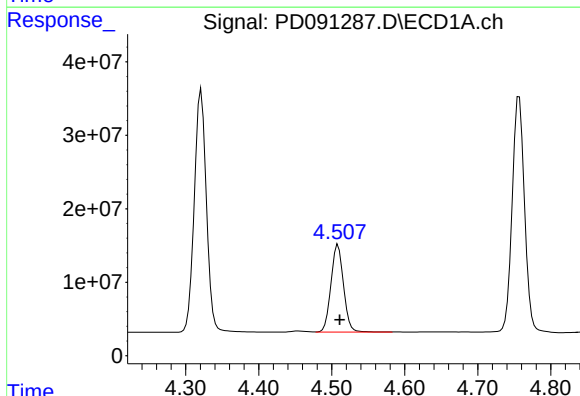
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



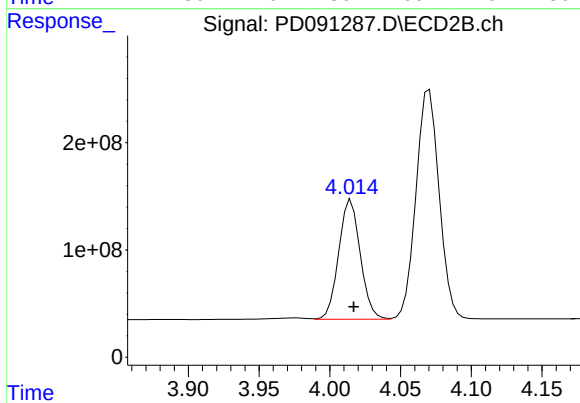
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2946475824
Conc: 52.19 ng/ml



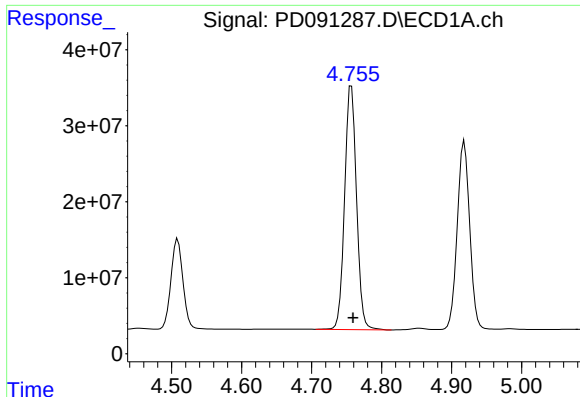
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 142500503
Conc: 49.05 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1185381258
Conc: 49.34 ng/ml



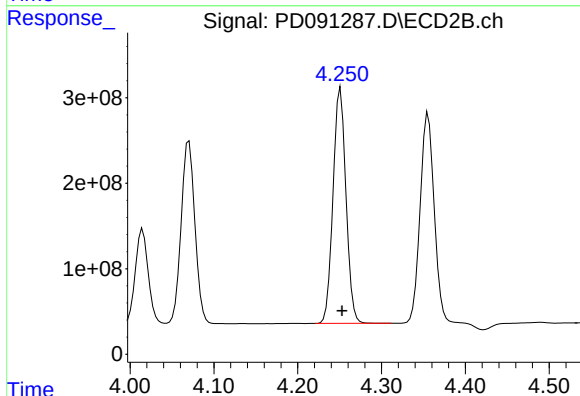
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 379628250
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

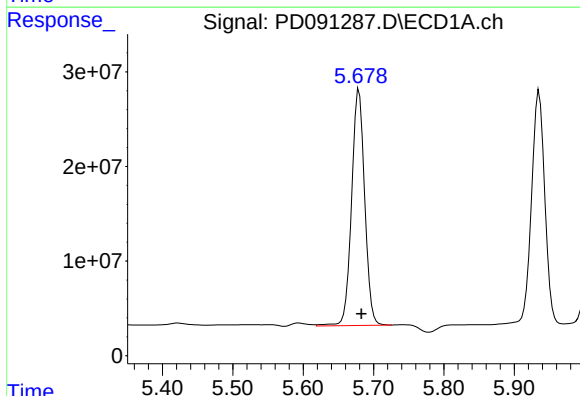
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



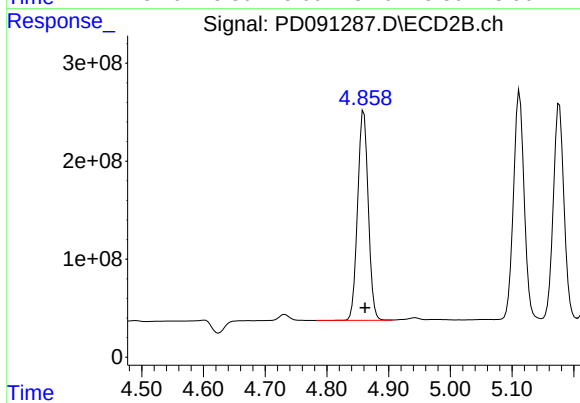
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2949703232
Conc: 50.44 ng/ml



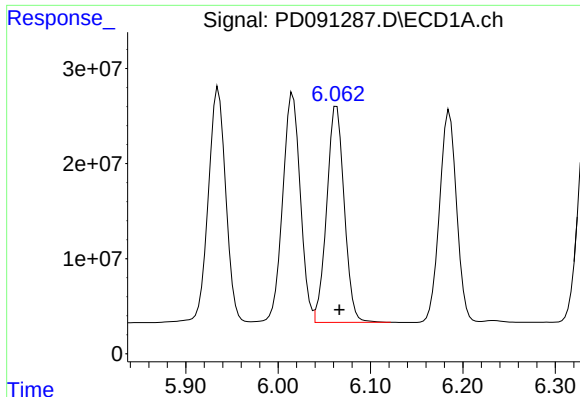
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 322799182
Conc: 49.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2553113753
Conc: 50.10 ng/ml



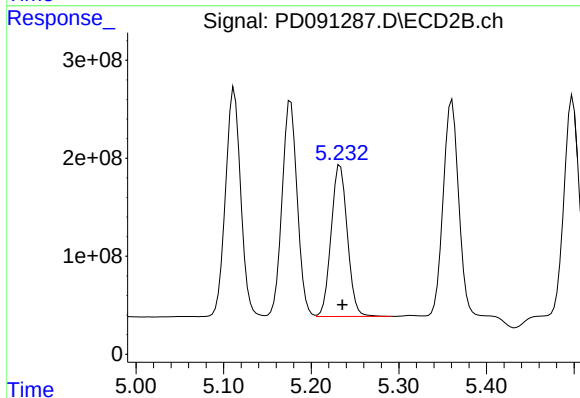
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 300033983
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

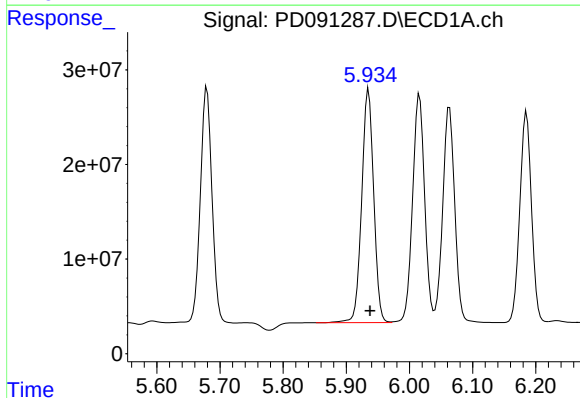
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



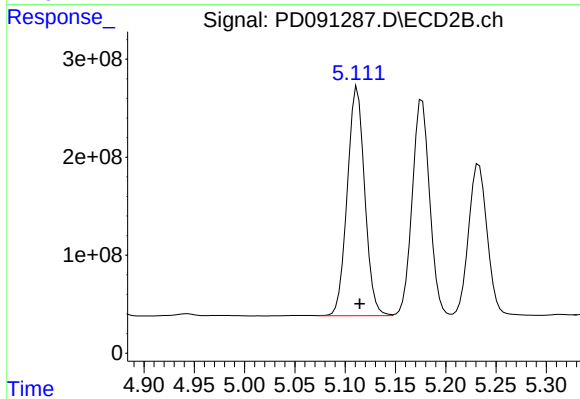
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 1988314526
Conc: 41.55 ng/ml



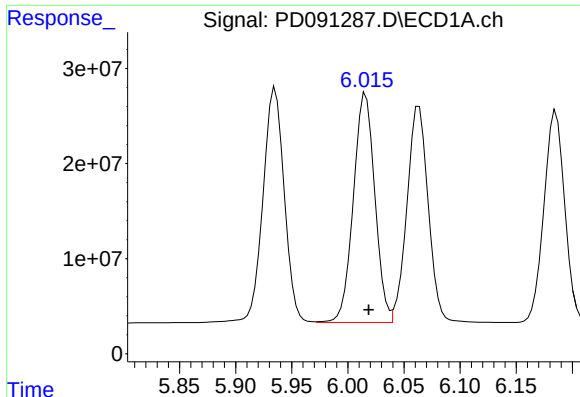
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 325823822
Conc: 50.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2815969052
Conc: 51.55 ng/ml



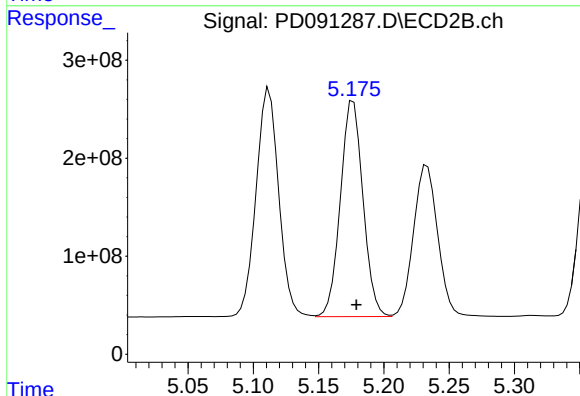
#11 alpha-Chlordane

R.T.: 6.016 min
 Delta R.T.: -0.003 min
 Response: 320580181
 Conc: 46.58 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

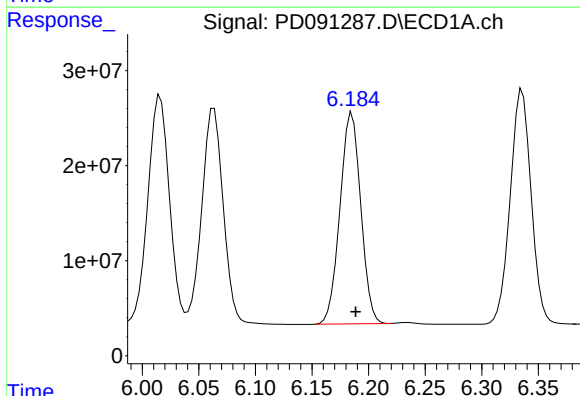
Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



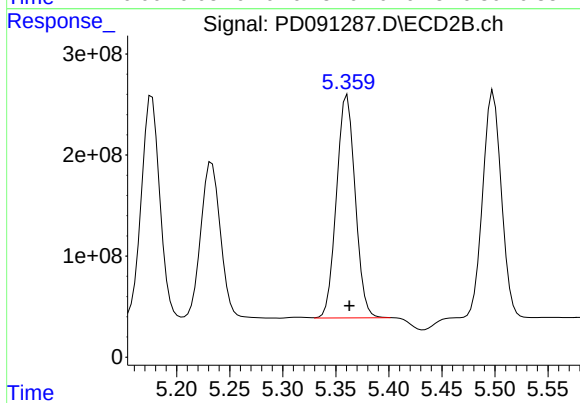
#11 alpha-Chlordane

R.T.: 5.177 min
 Delta R.T.: -0.002 min
 Response: 2654645975
 Conc: 50.73 ng/ml



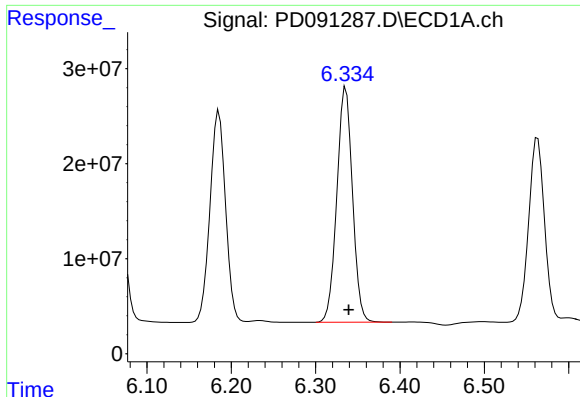
#12 4,4'-DDE

R.T.: 6.185 min
 Delta R.T.: -0.003 min
 Response: 284313975
 Conc: 49.02 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
 Delta R.T.: -0.004 min
 Response: 2702686964
 Conc: 50.57 ng/ml m



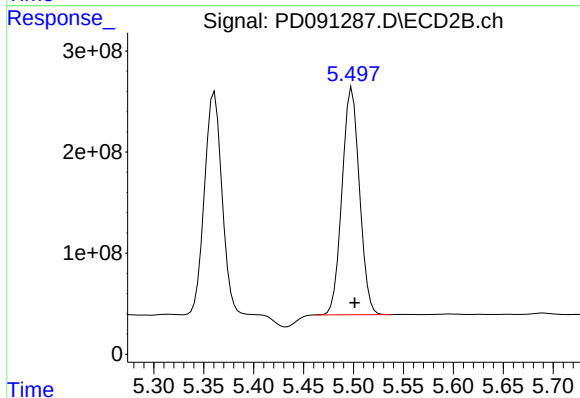
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 318437526
Conc: 49.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

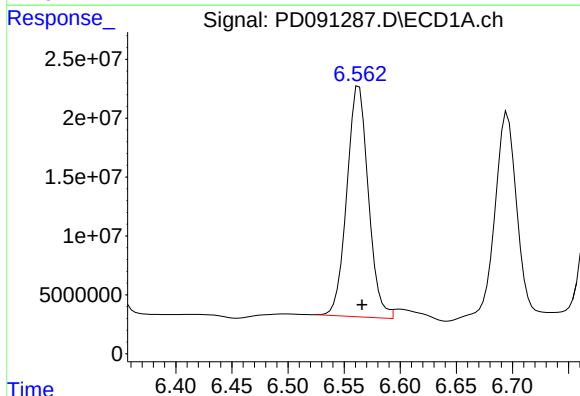
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



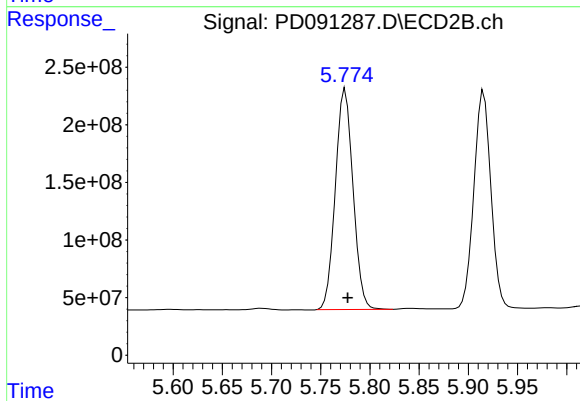
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 273000835
Conc: 50.27 ng/ml



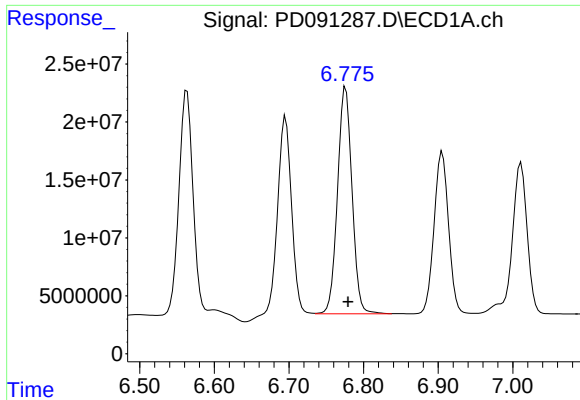
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 261088555
Conc: 52.60 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 2394535288
Conc: 52.99 ng/ml



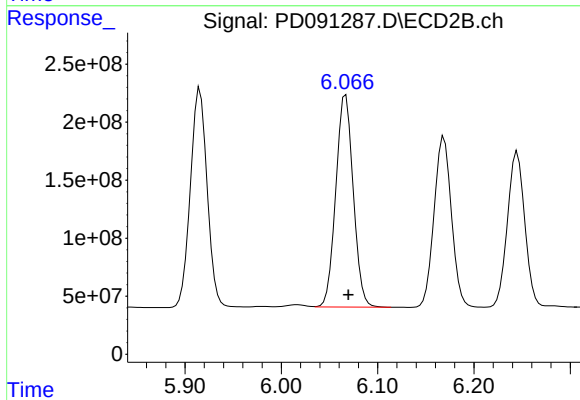
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.005 min
Response: 264639953
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

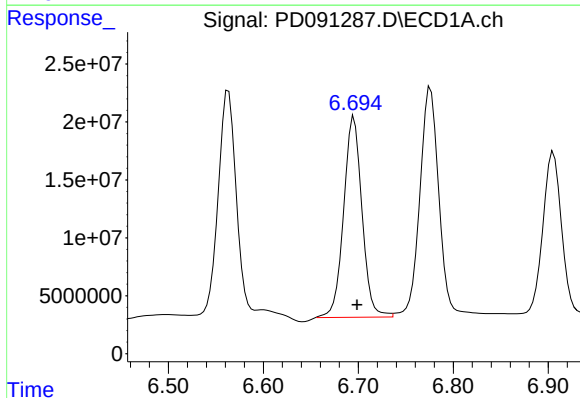
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



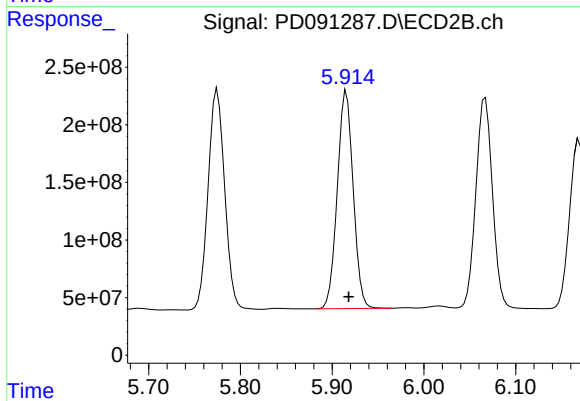
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 2297281427
Conc: 49.21 ng/ml



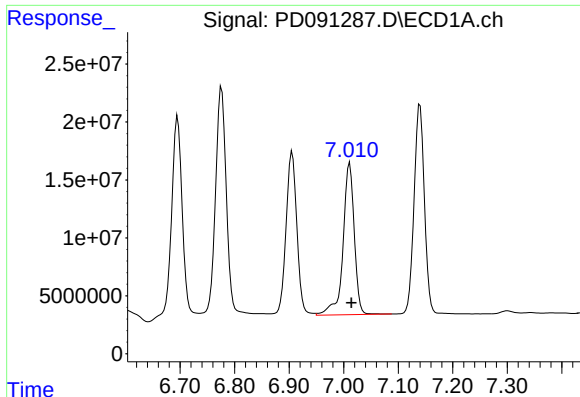
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 232806131
Conc: 47.40 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2276481582
Conc: 46.58 ng/ml



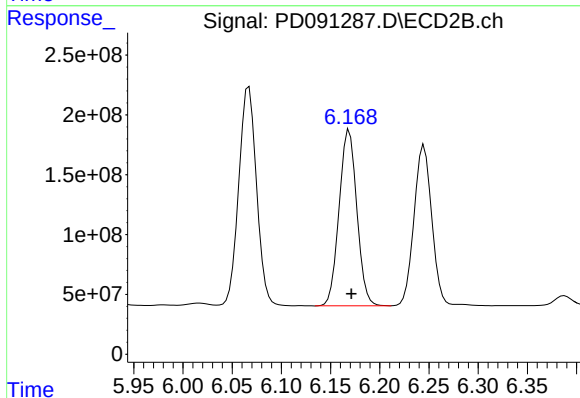
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 187813995
Conc: 45.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

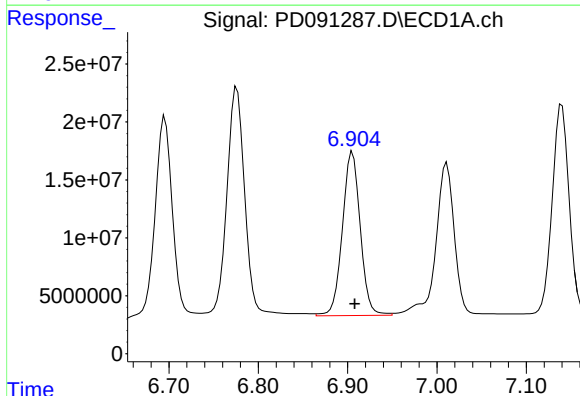
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



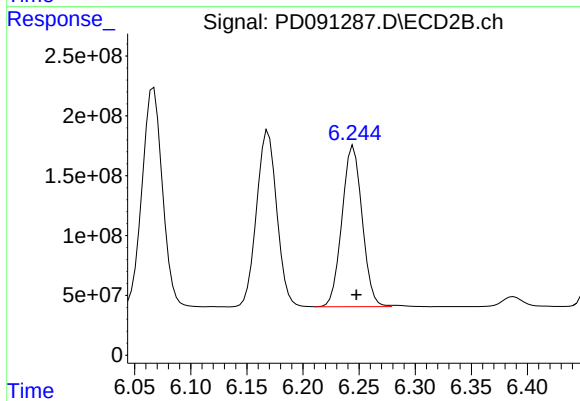
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 1846599463
Conc: 47.19 ng/ml



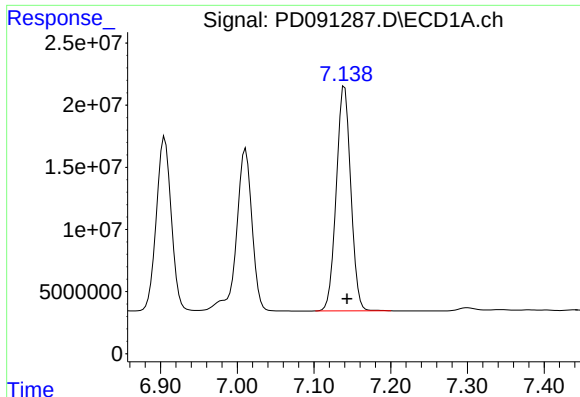
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 196304228
Conc: 47.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 1679778316
Conc: 47.60 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 237781970
Conc: 46.22 ng/ml

Instrument :

ECD_D

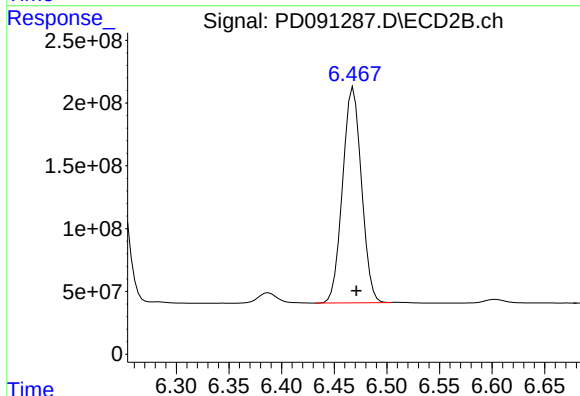
ClientSampleId :

PSTDCCC050

Manual Integrations

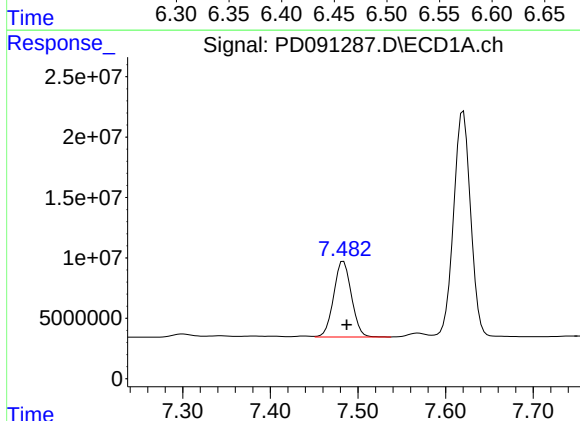
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



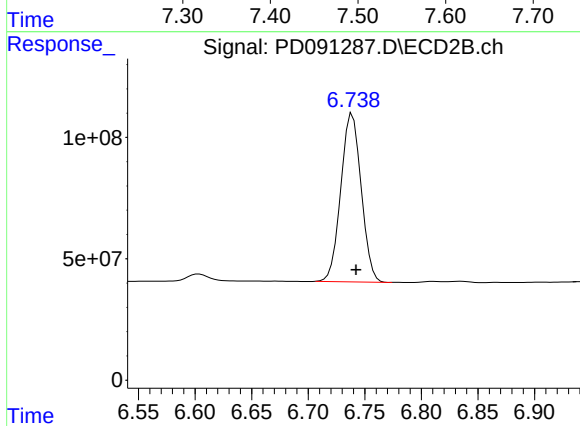
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 2151336602
Conc: 47.98 ng/ml



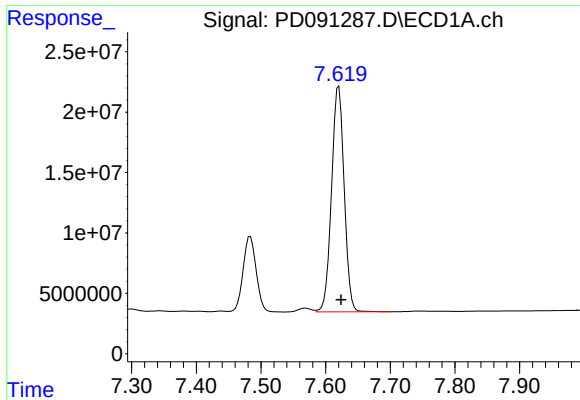
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 88172487
Conc: 40.55 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 869032349
Conc: 43.34 ng/ml



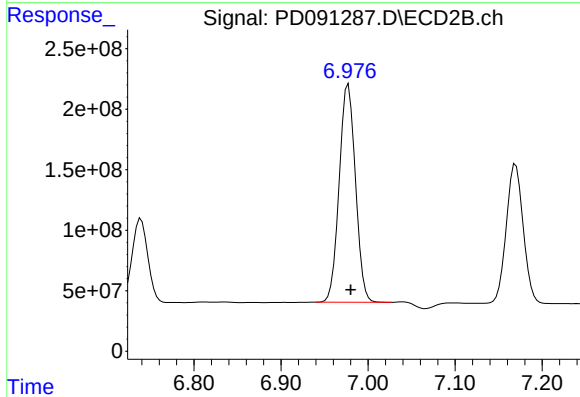
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 253035985
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

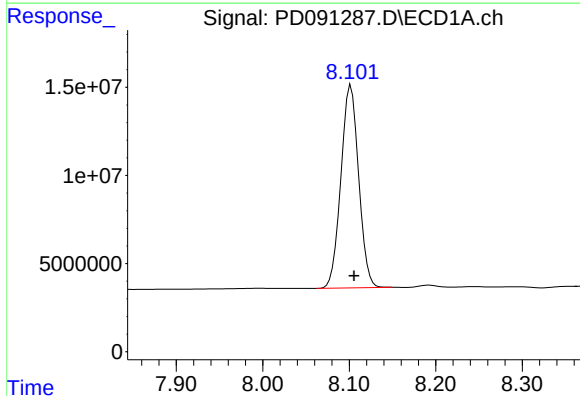
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



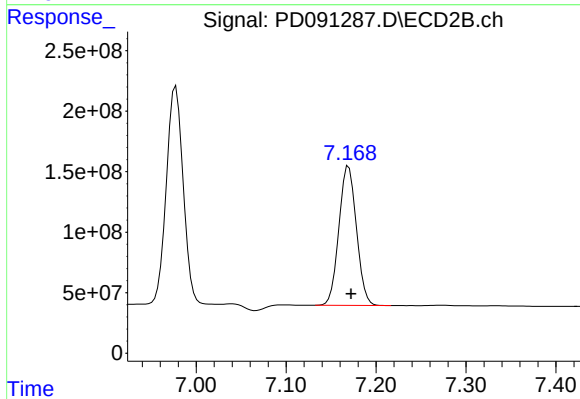
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 2337166848
Conc: 45.87 ng/ml



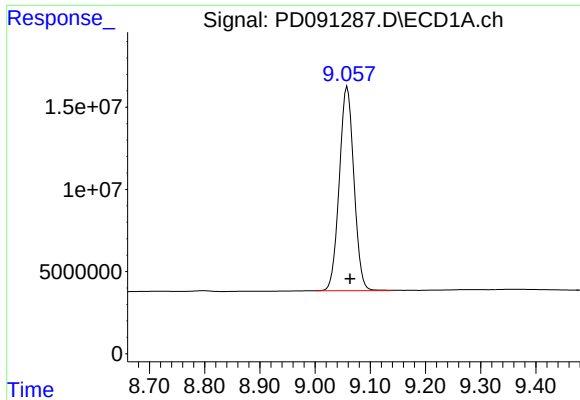
#22 Mirex

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 163024456
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1560605706
Conc: 47.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 228439873
Conc: 45.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

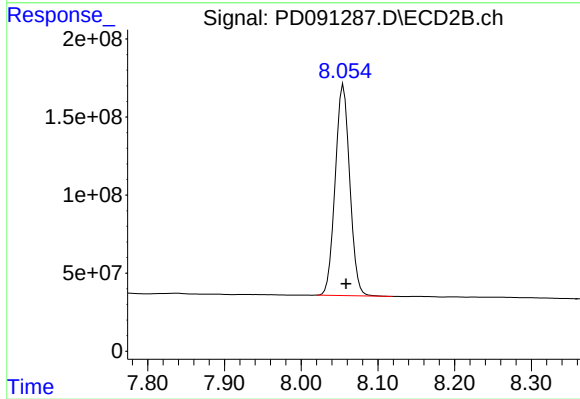
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 1780873367
Conc: 45.00 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 10:26

Initial Calibration Time(s): 20:56

21:51

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	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.06	6.07	5.97	6.17	0.01
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.01
Endrin	6.56	6.57	6.47	6.67	0.01
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.48	7.49	7.39	7.59	0.01
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.01
gamma-Chlordane	5.93	5.94	5.84	6.04	0.01
Mirex	8.10	8.11	8.01	8.21	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 10:26

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.05	8.06	7.96	8.16	0.01
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.77	5.78	5.68	5.88	0.01
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.91	5.92	5.82	6.02	0.01
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.24	6.25	6.15	6.35	0.01
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00
Mirex	7.17	7.17	7.07	7.27	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL04 **Date Analyzed:** 12/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091403.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.695	6.599	6.799	44.700	50.000	-10.6
4,4'-DDE	6.185	6.089	6.289	46.690	50.000	-6.6
4,4'-DDT	7.010	6.914	7.114	44.380	50.000	-11.2
Aldrin	5.258	5.163	5.363	47.230	50.000	-5.5
alpha-BHC	3.990	3.893	4.093	48.950	50.000	-2.1
alpha-Chlordane	6.015	5.919	6.119	44.600	50.000	-10.8
beta-BHC	4.508	4.411	4.611	46.600	50.000	-6.8
Decachlorobiphenyl	9.057	8.963	9.163	42.270	50.000	-15.5
delta-BHC	4.756	4.660	4.860	47.960	50.000	-4.1
Dieldrin	6.335	6.239	6.439	46.600	50.000	-6.8
Endosulfan I	6.062	5.966	6.166	46.390	50.000	-7.2
Endosulfan II	6.776	6.679	6.879	45.210	50.000	-9.6
Endosulfan sulfate	7.139	7.043	7.243	44.510	50.000	-11.0
Endrin	6.563	6.466	6.666	46.620	50.000	-6.8
Endrin aldehyde	6.905	6.808	7.008	43.320	50.000	-13.4
Endrin ketone	7.620	7.524	7.724	44.980	50.000	-10.0
gamma-BHC (Lindane)	4.321	4.224	4.424	48.460	50.000	-3.1
gamma-Chlordane	5.934	5.838	6.038	47.500	50.000	-5.0
Heptachlor	4.917	4.821	5.021	45.800	50.000	-8.4
Heptachlor epoxide	5.679	5.582	5.782	46.270	50.000	-7.5
Methoxychlor	7.484	7.387	7.587	42.430	50.000	-15.1
Mirex	8.101	8.006	8.206	43.530	50.000	-12.9
Tetrachloro-m-xylene	3.541	3.444	3.644	47.240	50.000	-5.5



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No.: CCAL04 Date Analyzed: 12/01/2025

Lab Sample No.: PSTDCCC050 Data File : PD091403.D Time Analyzed: 10:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.913	5.817	6.017	47.690	50.000	-4.6
4,4'-DDE	5.359	5.263	5.463	50.420	50.000	0.8
4,4'-DDT	6.167	6.071	6.271	49.540	50.000	-0.9
Aldrin	4.355	4.258	4.458	51.440	50.000	2.9
alpha-BHC	3.383	3.286	3.486	51.310	50.000	2.6
alpha-Chlordane	5.175	5.079	5.279	51.330	50.000	2.7
beta-BHC	4.015	3.918	4.118	50.290	50.000	0.6
Decachlorobiphenyl	8.054	7.958	8.158	44.000	50.000	-12.0
delta-BHC	4.251	4.153	4.353	50.560	50.000	1.1
Dieldrin	5.497	5.401	5.601	50.310	50.000	0.6
Endosulfan I	5.232	5.135	5.335	51.130	50.000	2.3
Endosulfan II	6.066	5.969	6.169	49.570	50.000	-0.9
Endosulfan sulfate	6.467	6.371	6.571	49.110	50.000	-1.8
Endrin	5.774	5.678	5.878	49.170	50.000	-1.7
Endrin aldehyde	6.243	6.148	6.348	47.880	50.000	-4.2
Endrin ketone	6.976	6.880	7.080	47.350	50.000	-5.3
gamma-BHC (Lindane)	3.718	3.621	3.821	51.080	50.000	2.2
gamma-Chlordane	5.111	5.014	5.214	51.720	50.000	3.4
Heptachlor	4.070	3.973	4.173	49.140	50.000	-1.7
Heptachlor epoxide	4.858	4.762	4.962	50.580	50.000	1.2
Methoxychlor	6.738	6.641	6.841	44.320	50.000	-11.4
Mirex	7.169	7.073	7.273	46.930	50.000	-6.1
Tetrachloro-m-xylene	2.872	2.774	2.974	50.640	50.000	1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 10:26
 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: Dec 02 02:10:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	162.9E6	1855.1E6	47.243	50.644
28)	SA Decachlor...	9.057	8.054	210.6E6	1741.4E6	42.271	44.003
Target Compounds							
2)	A alpha-BHC	3.990	3.383	391.4E6	3242.9E6	48.954	51.309
3)	MA gamma-BHC...	4.321	3.718	362.2E6	2953.4E6	48.465	51.078
4)	MA Heptachlor	4.917	4.070	328.0E6	2713.1E6	45.798	49.142
5)	MB Aldrin	5.258	4.355	342.7E6	2904.0E6	47.232	51.436
6)	B beta-BHC	4.508	4.015	135.4E6	1208.3E6	46.595	50.290
7)	B delta-BHC	4.756	4.251	356.5E6	2956.7E6	47.964	50.561
8)	B Heptachlo...	5.679	4.858	300.6E6	2577.4E6	46.267	50.579
9)	A Endosulfan I	6.062	5.232	285.0E6	2446.9E6	46.394	51.134
10)	B gamma-Chl...	5.934	5.111	308.8E6	2825.1E6	47.495	51.717
11)	B alpha-Chl...	6.015	5.175	307.0E6	2686.3E6	44.604	51.332
12)	B 4,4'-DDE	6.185	5.359	270.8E6	2694.8E6	46.690	50.425
13)	MA Dieldrin	6.335	5.497	301.2E6	2732.3E6	46.596	50.308
14)	MA Endrin	6.563	5.774	231.4E6	2221.9E6	46.623	49.166
15)	B Endosulfa...	6.776	6.066	251.3E6	2313.8E6	45.209	49.568
16)	A 4,4'-DDD	6.695	5.913	219.6E6	2330.5E6	44.705	47.689
17)	MA 4,4'-DDT	7.010	6.167	183.5E6	1938.6E6	44.380	49.538
18)	B Endrin al...	6.905	6.243	180.5E6	1689.6E6	43.317	47.879
19)	B Endosulfa...	7.139	6.467	229.0E6	2202.0E6	44.514	49.113
20)	A Methoxychlor	7.484	6.738	92267825	888.7E6	42.435	44.319
21)	B Endrin ke...	7.620	6.976	253.4E6	2412.7E6	44.979	47.348
22)	Mirex	8.101	7.169	154.8E6	1555.4E6	43.530	46.934

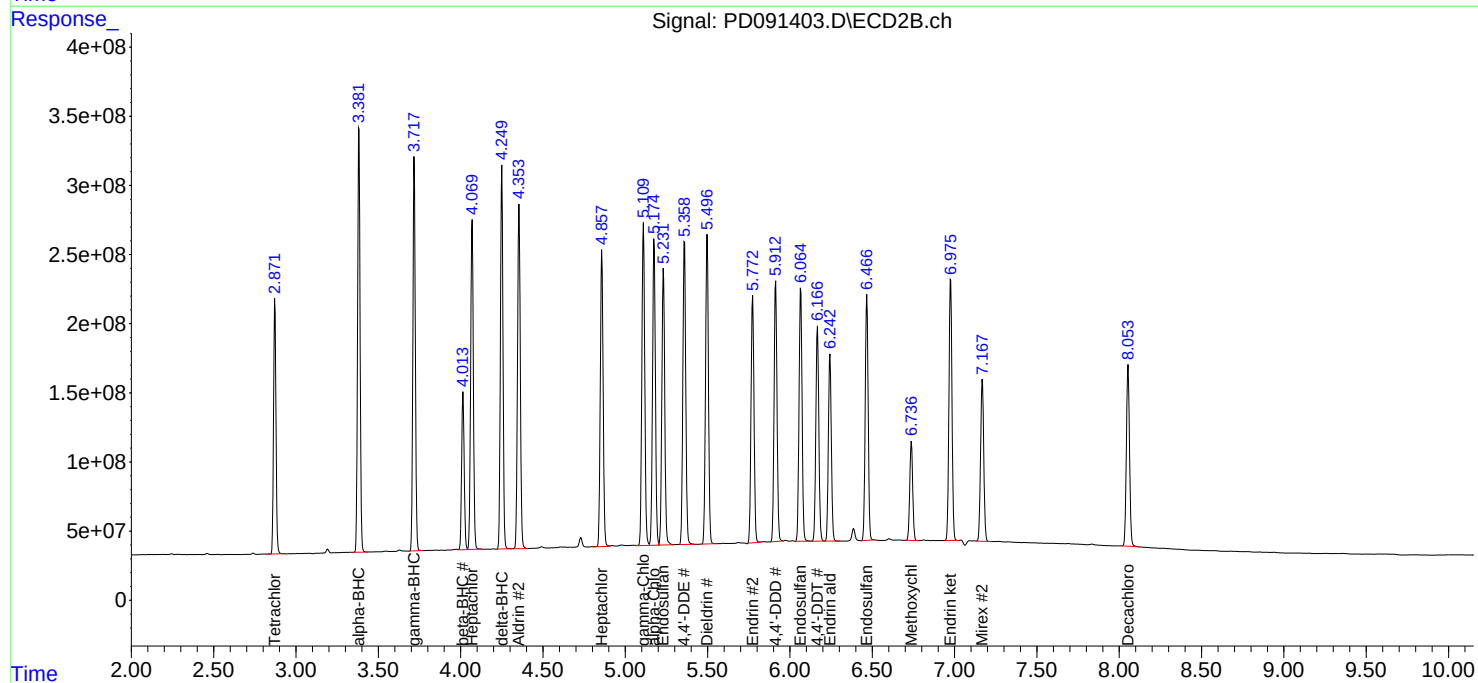
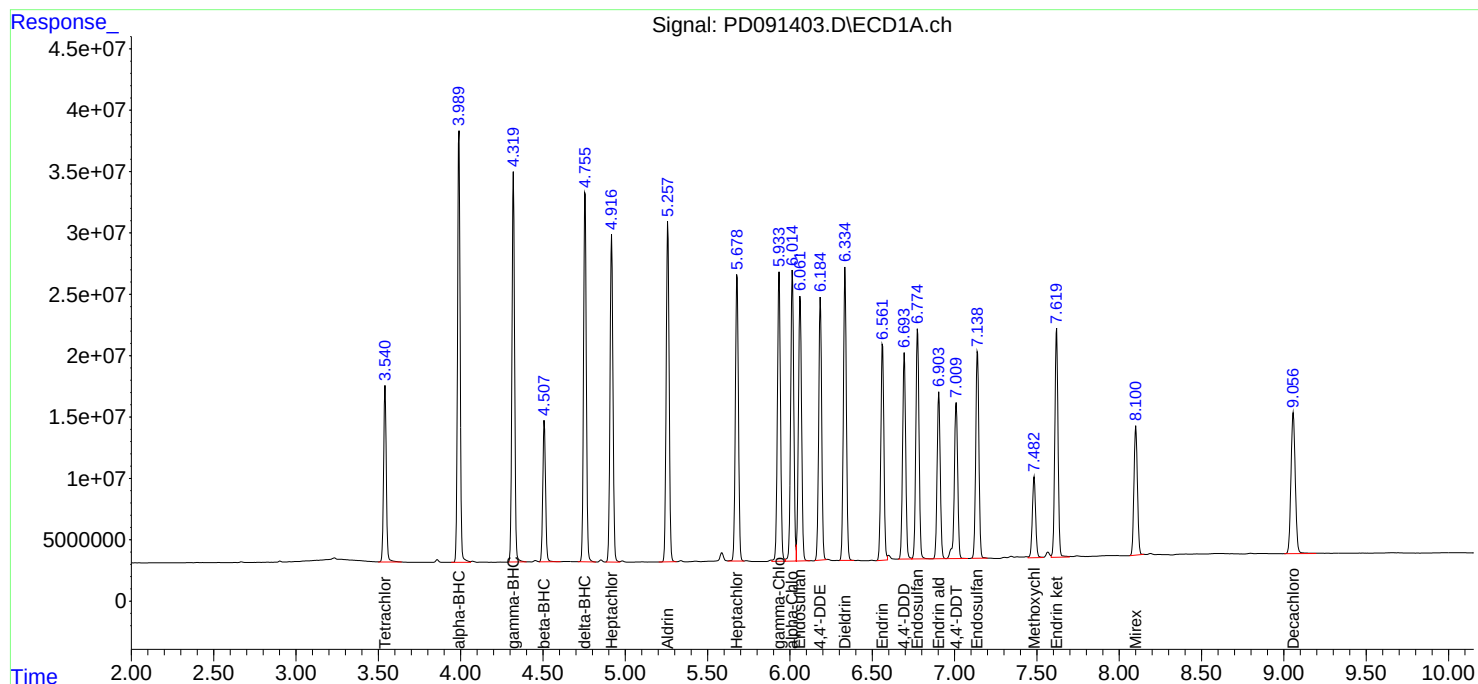
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

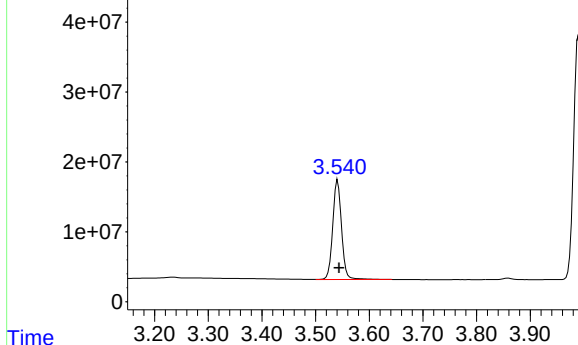
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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: PD091403.D\ECD1A.ch

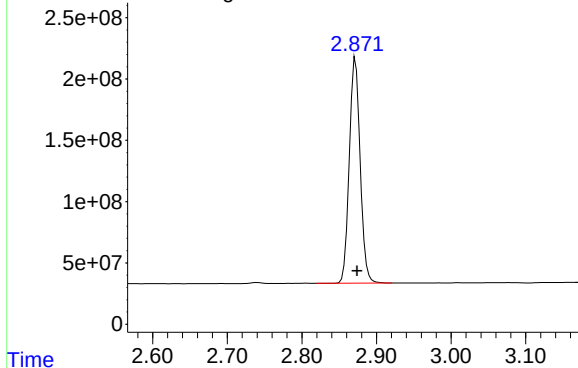


#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 162922135
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

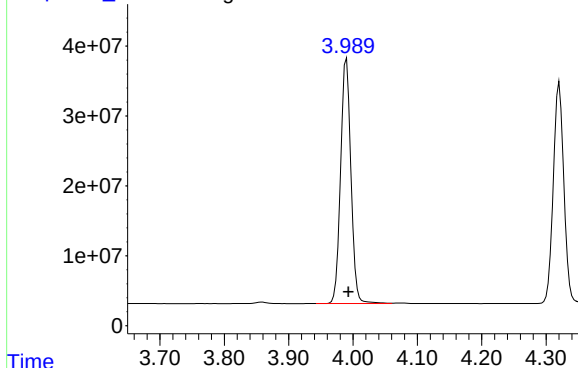
Response_ Signal: PD091403.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 1855093372
Conc: 50.64 ng/ml

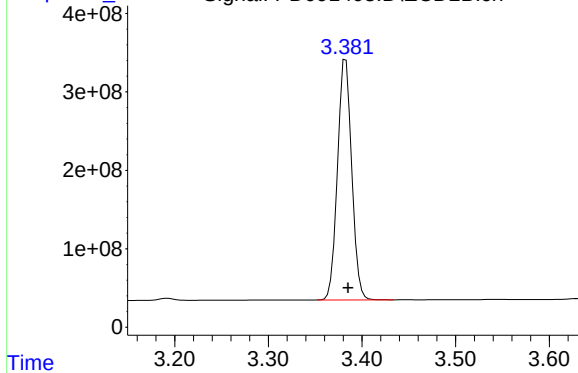
Response_ Signal: PD091403.D\ECD1A.ch



#2 alpha-BHC

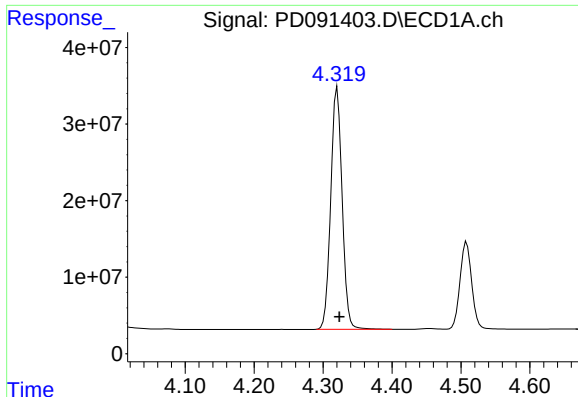
R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 391414273
Conc: 48.95 ng/ml

Response_ Signal: PD091403.D\ECD2B.ch



#2 alpha-BHC

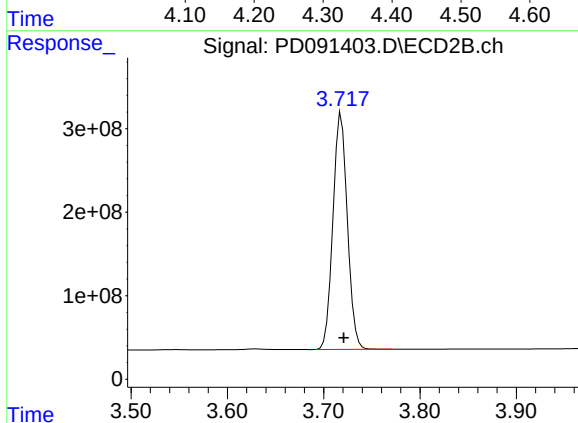
R.T.: 3.383 min
Delta R.T.: -0.003 min
Response: 3242851461
Conc: 51.31 ng/ml



#3 gamma-BHC (Lindane)

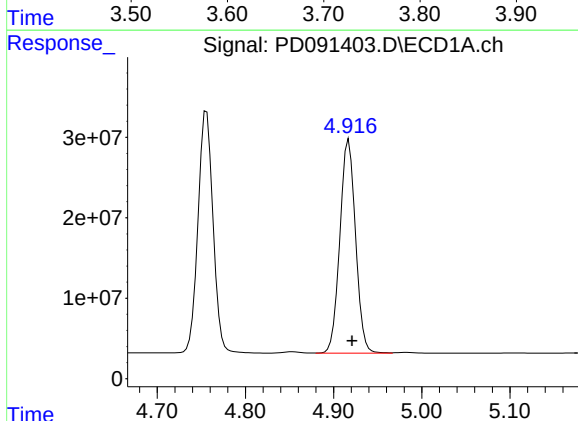
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 362170734
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



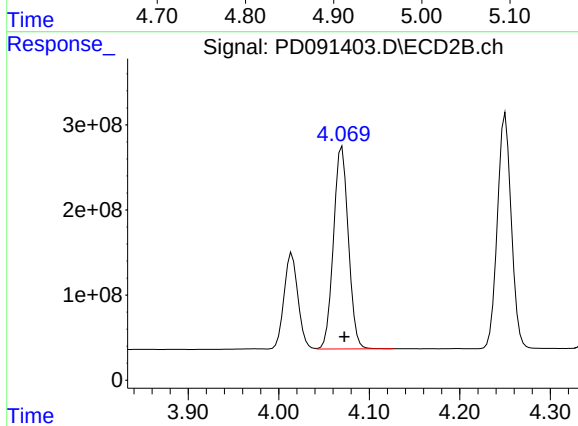
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 2953386675
Conc: 51.08 ng/ml



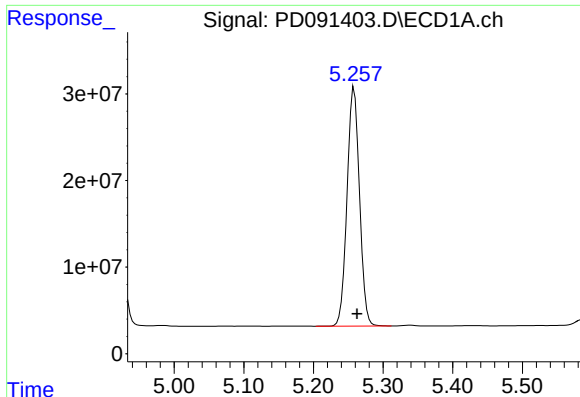
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 327990419
Conc: 45.80 ng/ml



#4 Heptachlor

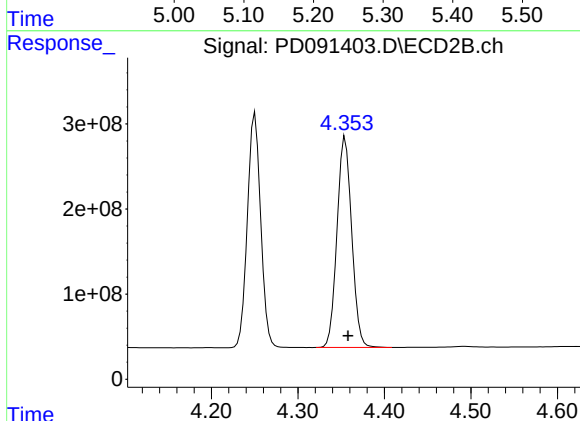
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 2713130149
Conc: 49.14 ng/ml



#5 Aldrin

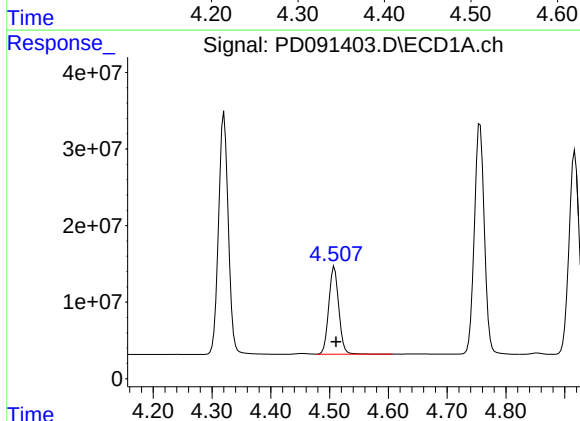
R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 342734858
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



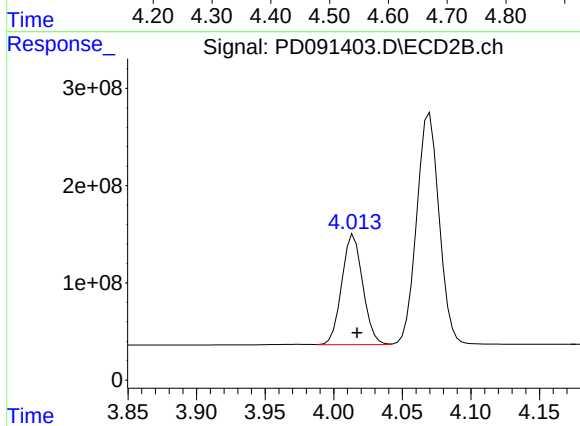
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 2903992525
Conc: 51.44 ng/ml



#6 beta-BHC

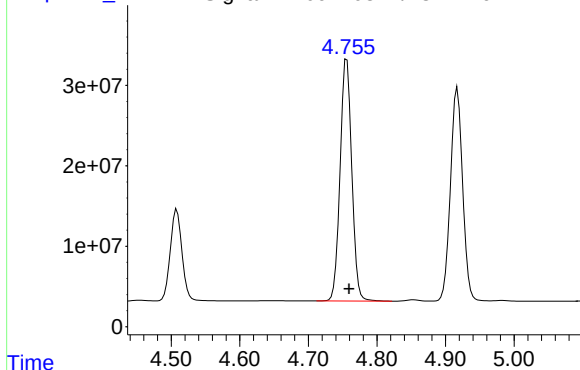
R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 135381818
Conc: 46.60 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1208322435
Conc: 50.29 ng/ml

Signal: PD091403.D\ECD1A.ch

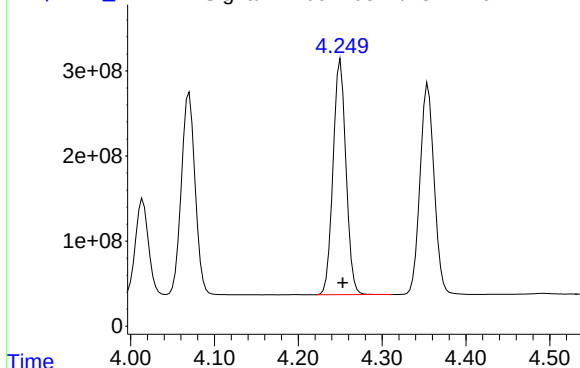


#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 356469240
Conc: 47.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

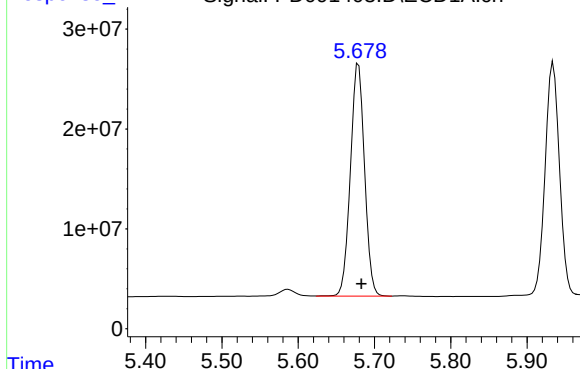
Signal: PD091403.D\ECD2B.ch



#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.003 min
Response: 2956675884
Conc: 50.56 ng/ml

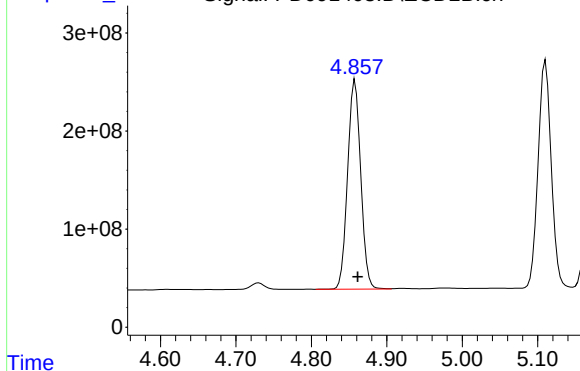
Signal: PD091403.D\ECD1A.ch



#8 Heptachlor epoxide

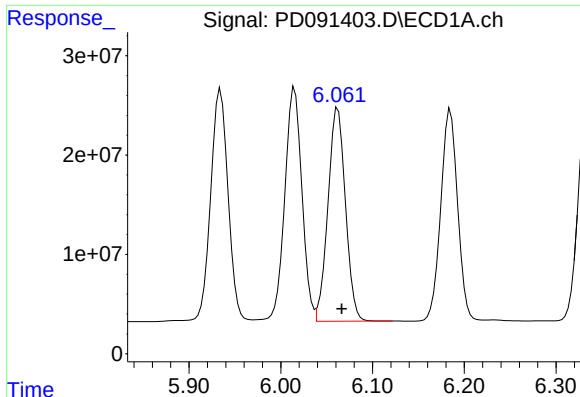
R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 300584999
Conc: 46.27 ng/ml

Signal: PD091403.D\ECD2B.ch



#8 Heptachlor epoxide

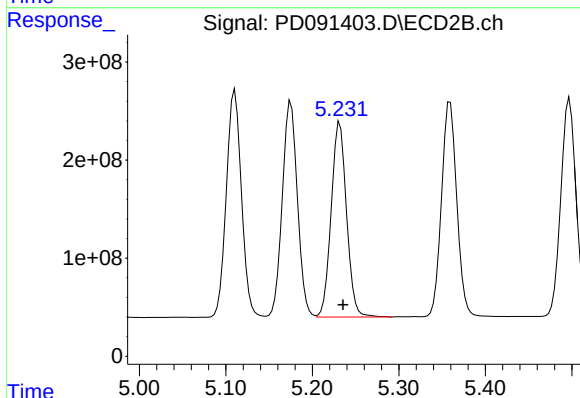
R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 2577422482
Conc: 50.58 ng/ml



#9 Endosulfan I

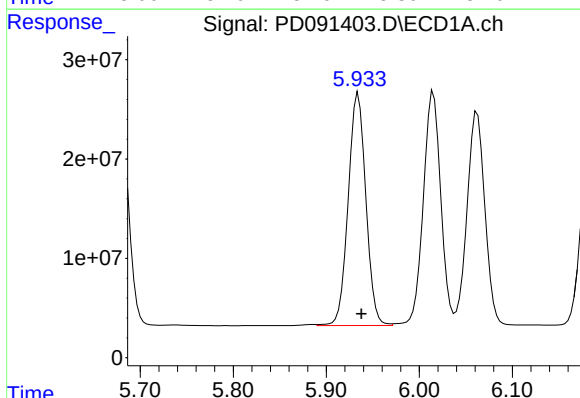
R.T.: 6.062 min
Delta R.T.: -0.004 min
Response: 28500729
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



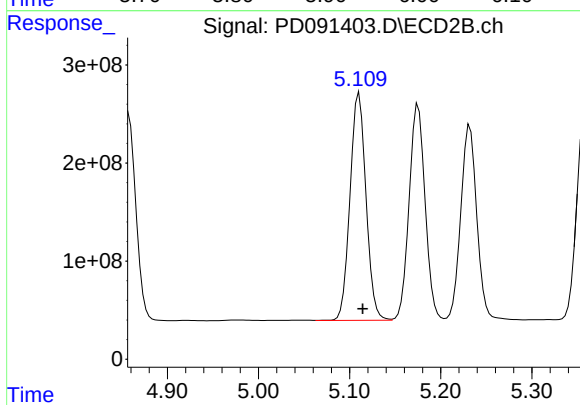
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.004 min
Response: 2446858826
Conc: 51.13 ng/ml



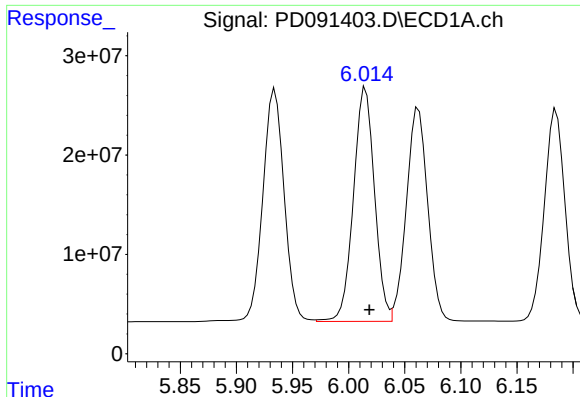
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 308757394
Conc: 47.50 ng/ml



#10 gamma-Chlordane

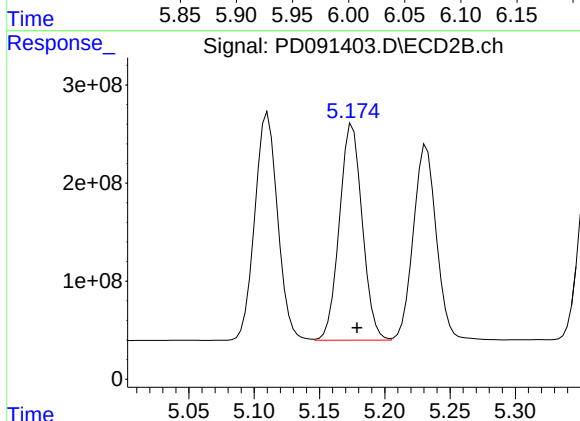
R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 2825137761
Conc: 51.72 ng/ml



#11 alpha-Chlordane

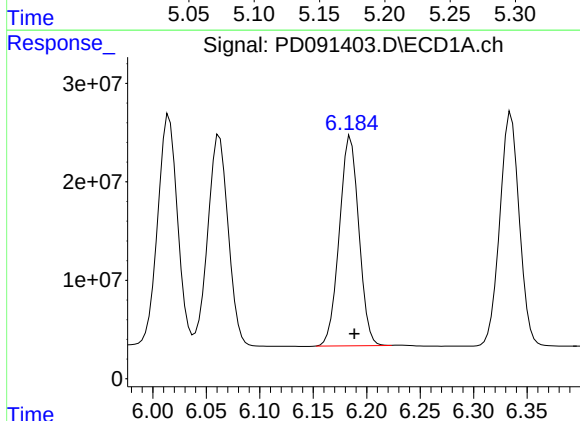
R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 307002580
Conc: 44.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



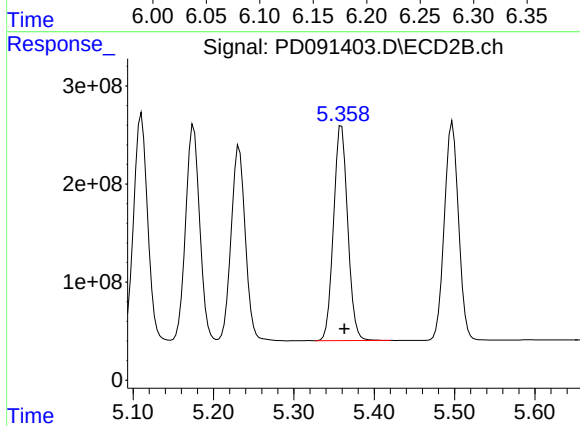
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 2686283216
Conc: 51.33 ng/ml



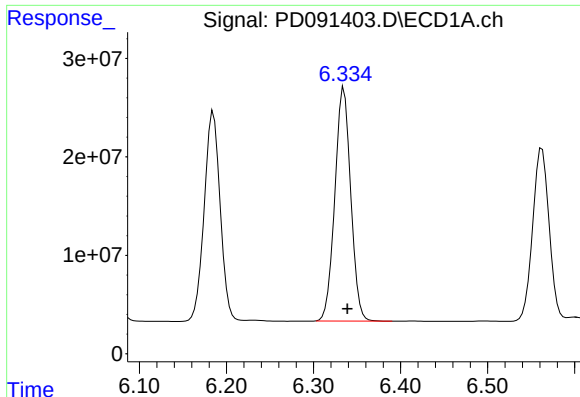
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 270776974
Conc: 46.69 ng/ml



#12 4,4'-DDE

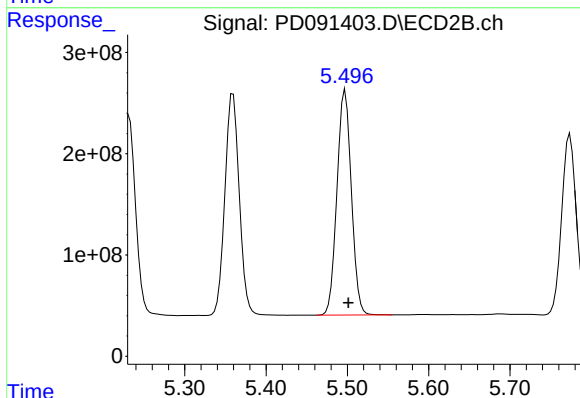
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 2694799127
Conc: 50.42 ng/ml



#13 Dieldrin

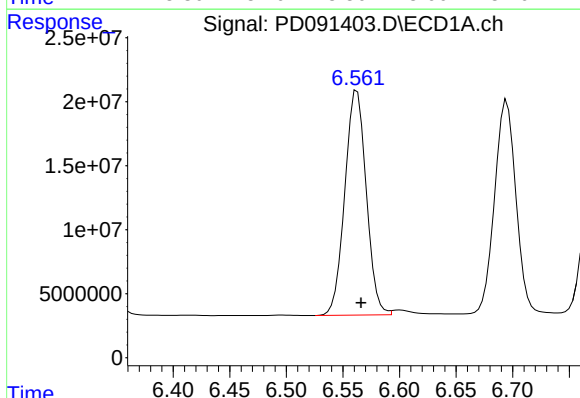
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 301240716
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



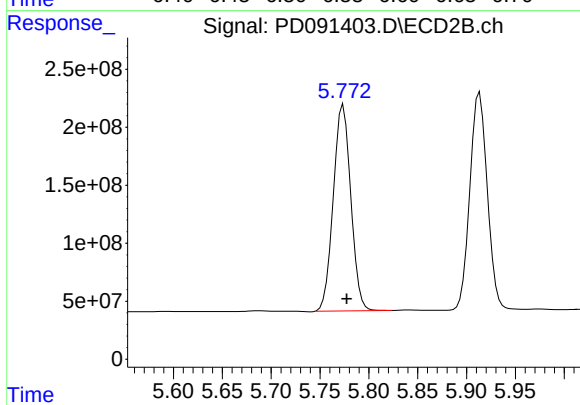
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 2732296159
Conc: 50.31 ng/ml



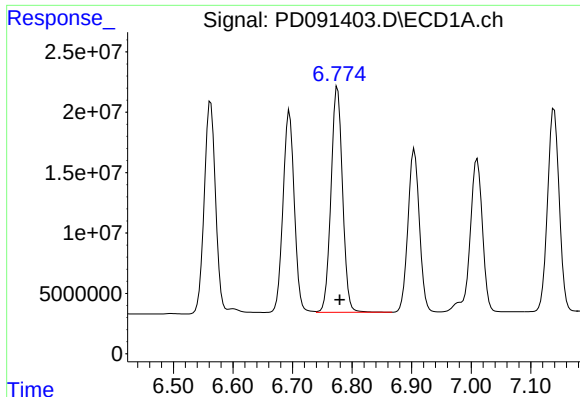
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 231412533
Conc: 46.62 ng/ml



#14 Endrin

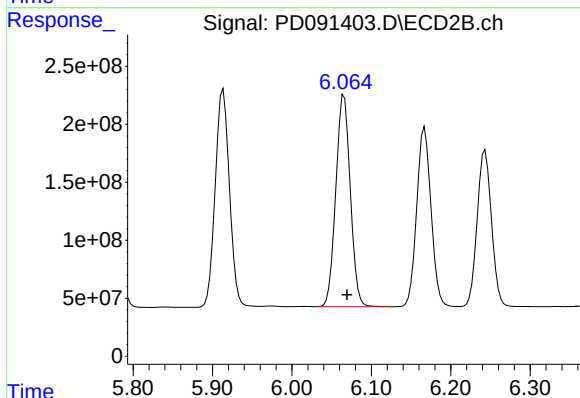
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 2221949466
Conc: 49.17 ng/ml



#15 Endosulfan II

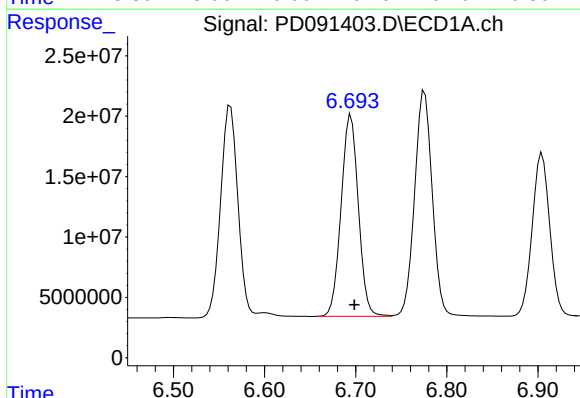
R.T.: 6.776 min
Delta R.T.: -0.004 min
Response: 251333214
Conc: 45.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



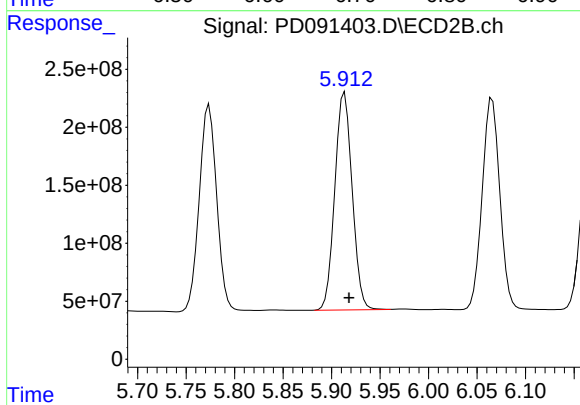
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 2313807044
Conc: 49.57 ng/ml



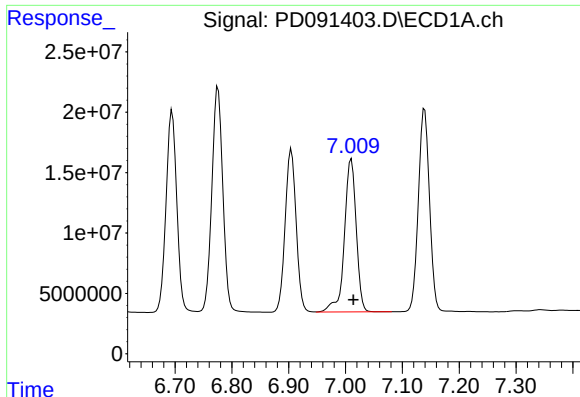
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 219568022
Conc: 44.70 ng/ml



#16 4,4'-DDD

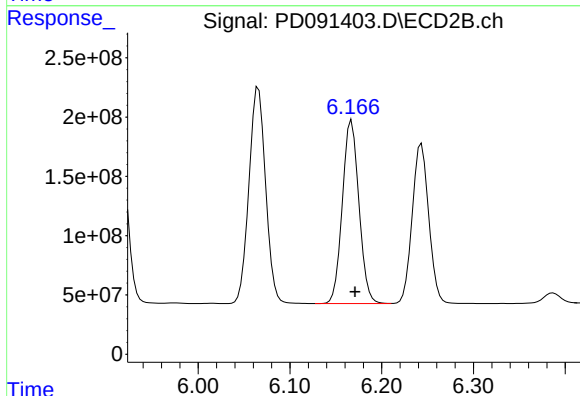
R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 2330498457
Conc: 47.69 ng/ml



#17 4,4'-DDT

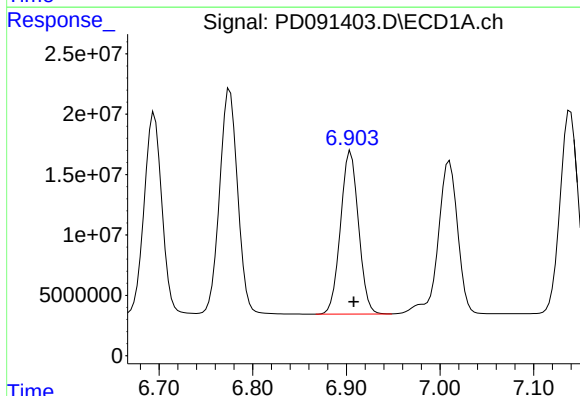
R.T.: 7.010 min
Delta R.T.: -0.004 min
Response: 183535843
Conc: 44.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



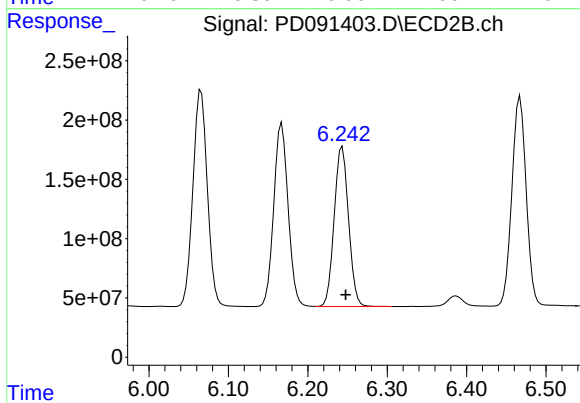
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 1938550981
Conc: 49.54 ng/ml



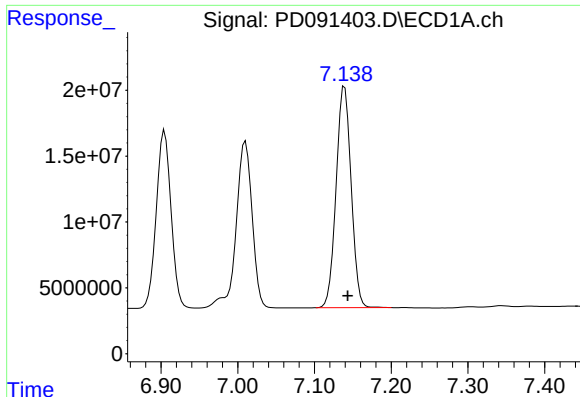
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 180460808
Conc: 43.32 ng/ml



#18 Endrin aldehyde

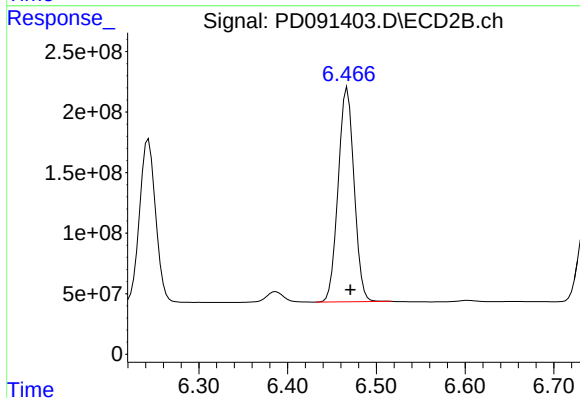
R.T.: 6.243 min
Delta R.T.: -0.004 min
Response: 1689603855
Conc: 47.88 ng/ml



#19 Endosulfan Sulfate

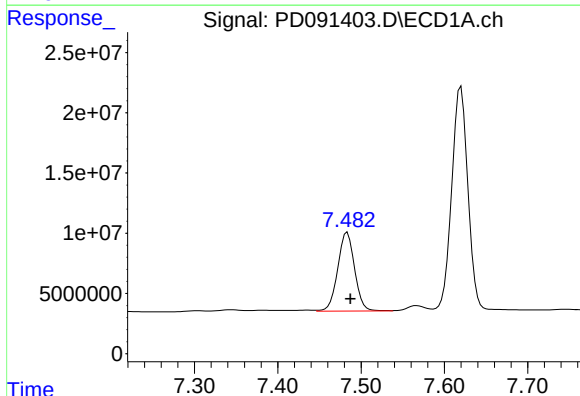
R.T.: 7.139 min
Delta R.T.: -0.004 min
Response: 229012607
Conc: 44.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



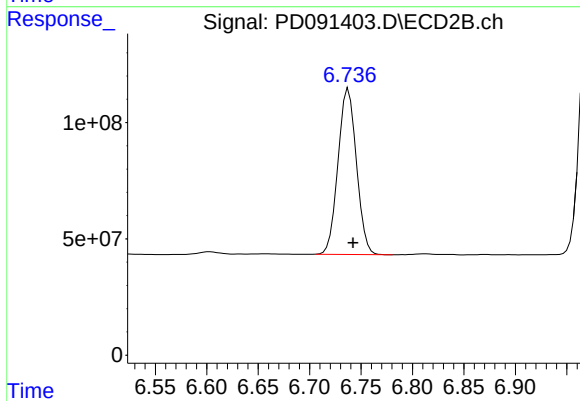
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 2201999003
Conc: 49.11 ng/ml



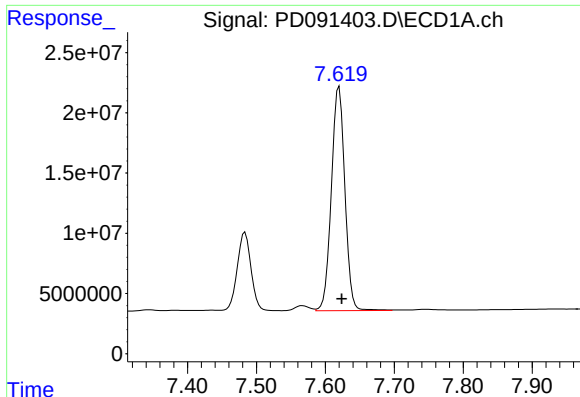
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 92267825
Conc: 42.43 ng/ml



#20 Methoxychlor

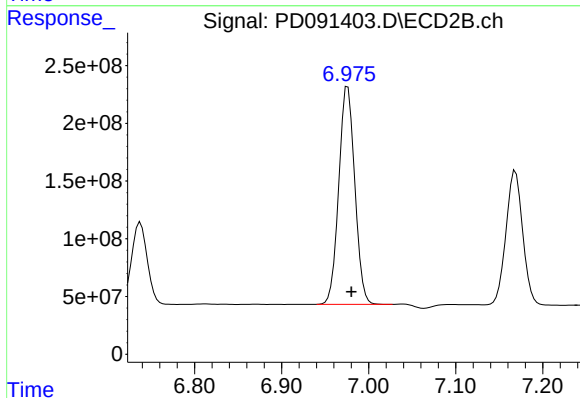
R.T.: 6.738 min
Delta R.T.: -0.005 min
Response: 888657900
Conc: 44.32 ng/ml



#21 Endrin ketone

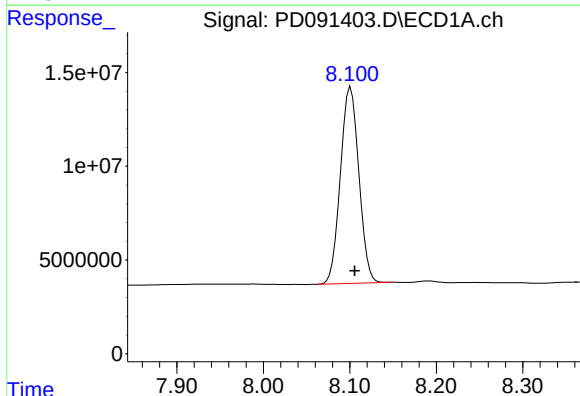
R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 253393536
Conc: 44.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



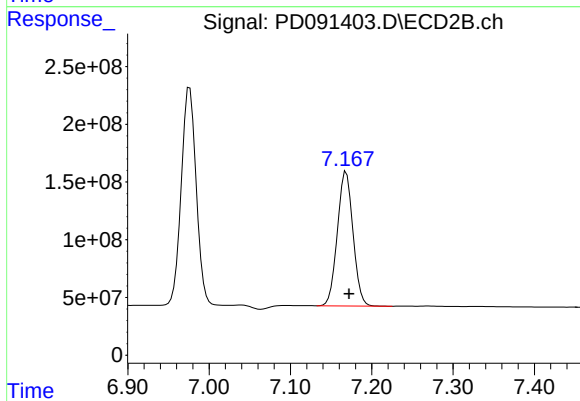
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 2412662682
Conc: 47.35 ng/ml



#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 154839599
Conc: 43.53 ng/ml



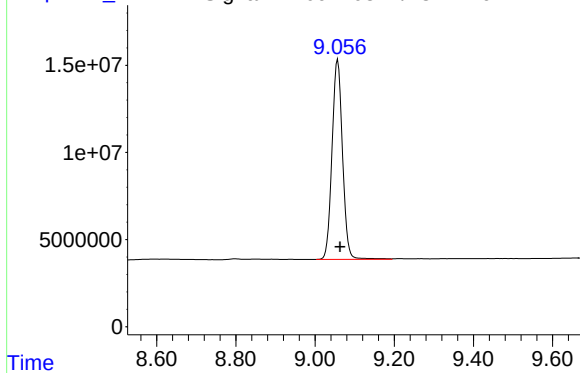
#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 1555383645
Conc: 46.93 ng/ml

Response_

Signal: PD091403.D\ECD1A.ch

#28 Decachlorobiphenyl



R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 210587221
Conc: 42.27 ng/ml

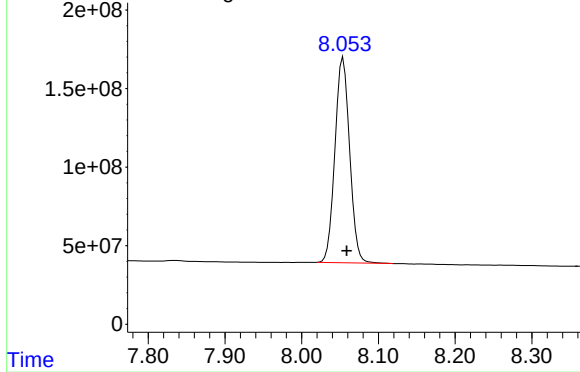
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Time

Response

Signal: PD091403.D\ECD2B.ch

#28 Decachlorobiphenyl



R.T.: 8.054 min
Delta R.T.: -0.005 min
Response: 1741409857
Conc: 44.00 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 15:11

Initial Calibration Time(s): 20:56

21:51

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	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00
Mirex	8.11	8.11	8.01	8.21	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/14/2025

11/14/2025

Continuing Calib Time: 15:11

Initial Calibration Time(s): 20:56

21:51

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	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00
Mirex	7.17	7.17	7.07	7.27	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL05 **Date Analyzed:** 12/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091414.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.704	6.599	6.799	49.440	50.000	-1.1
4,4'-DDE	6.194	6.089	6.289	51.150	50.000	2.3
4,4'-DDT	7.019	6.914	7.114	49.550	50.000	-0.9
Aldrin	5.268	5.163	5.363	52.100	50.000	4.2
alpha-BHC	3.998	3.893	4.093	54.790	50.000	9.6
alpha-Chlordane	6.024	5.919	6.119	49.410	50.000	-1.2
beta-BHC	4.517	4.411	4.611	51.610	50.000	3.2
Decachlorobiphenyl	9.069	8.963	9.163	46.220	50.000	-7.6
delta-BHC	4.765	4.660	4.860	54.360	50.000	8.7
Dieldrin	6.344	6.239	6.439	51.070	50.000	2.1
Endosulfan I	6.072	5.966	6.166	50.770	50.000	1.5
Endosulfan II	6.785	6.679	6.879	49.380	50.000	-1.2
Endosulfan sulfate	7.148	7.043	7.243	48.480	50.000	-3.0
Endrin	6.572	6.466	6.666	53.040	50.000	6.1
Endrin aldehyde	6.914	6.808	7.008	46.470	50.000	-7.1
Endrin ketone	7.628	7.524	7.724	47.940	50.000	-4.1
gamma-BHC (Lindane)	4.329	4.224	4.424	54.050	50.000	8.1
gamma-Chlordane	5.944	5.838	6.038	51.870	50.000	3.7
Heptachlor	4.926	4.821	5.021	52.220	50.000	4.4
Heptachlor epoxide	5.688	5.582	5.782	51.400	50.000	2.8
Methoxychlor	7.493	7.387	7.587	47.090	50.000	-5.8
Mirex	8.111	8.006	8.206	46.240	50.000	-7.5
Tetrachloro-m-xylene	3.549	3.444	3.644	51.530	50.000	3.1



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ALLI03
Lab Code: ACE **SDG NO.:** Q3483
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL05 **Date Analyzed:** 12/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091414.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.916	5.817	6.017	47.640	50.000	-4.7
4,4'-DDE	5.360	5.263	5.463	50.130	50.000	0.3
4,4'-DDT	6.170	6.071	6.271	50.770	50.000	1.5
Aldrin	4.356	4.258	4.458	52.400	50.000	4.8
alpha-BHC	3.383	3.286	3.486	53.220	50.000	6.4
alpha-Chlordane	5.177	5.079	5.279	51.270	50.000	2.5
beta-BHC	4.015	3.918	4.118	51.640	50.000	3.3
Decachlorobiphenyl	8.058	7.958	8.158	41.200	50.000	-17.6
delta-BHC	4.251	4.153	4.353	52.140	50.000	4.3
Dieldrin	5.500	5.401	5.601	50.050	50.000	0.1
Endosulfan I	5.234	5.135	5.335	50.560	50.000	1.1
Endosulfan II	6.068	5.969	6.169	48.730	50.000	-2.5
Endosulfan sulfate	6.470	6.371	6.571	46.480	50.000	-7.0
Endrin	5.776	5.678	5.878	51.670	50.000	3.3
Endrin aldehyde	6.246	6.148	6.348	47.030	50.000	-5.9
Endrin ketone	6.979	6.880	7.080	44.930	50.000	-10.1
gamma-BHC (Lindane)	3.719	3.621	3.821	52.770	50.000	5.5
gamma-Chlordane	5.113	5.014	5.214	51.780	50.000	3.6
Heptachlor	4.071	3.973	4.173	50.960	50.000	1.9
Heptachlor epoxide	4.860	4.762	4.962	51.170	50.000	2.3
Methoxychlor	6.741	6.641	6.841	44.990	50.000	-10.0
Mirex	7.171	7.073	7.273	42.790	50.000	-14.4
Tetrachloro-m-xylene	2.872	2.774	2.974	52.350	50.000	4.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 15:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:14:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.872	177.7E6	1917.7E6	51.532	52.353
28)	SA Decachlor...	9.069	8.058	230.2E6	1630.5E6	46.216	41.199
Target Compounds							
2)	A alpha-BHC	3.998	3.383	438.1E6	3363.8E6	54.794	53.222
3)	MA gamma-BHC...	4.329	3.719	403.9E6	3051.2E6	54.055	52.770
4)	MA Heptachlor	4.926	4.071	374.0E6	2813.5E6	52.220	50.960
5)	MB Aldrin	5.268	4.356	378.1E6	2958.3E6	52.101	52.398
6)	B beta-BHC	4.517	4.015	150.0E6	1240.7E6	51.611	51.636
7)	B delta-BHC	4.765	4.251	404.0E6	3049.0E6	54.356	52.140
8)	B Heptachlo...	5.688	4.860	333.9E6	2607.8E6	51.399	51.175
9)	A Endosulfan I	6.072	5.234	311.8E6	2419.5E6	50.765	50.563
10)	B gamma-Chl...	5.944	5.113	337.2E6	2828.5E6	51.867	51.777
11)	B alpha-Chl...	6.024	5.177	340.1E6	2682.9E6	49.411	51.267
12)	B 4,4'-DDE	6.194	5.360	296.7E6	2679.0E6	51.153	50.128m
13)	MA Dieldrin	6.344	5.500	330.2E6	2718.2E6	51.071	50.048
14)	MA Endrin	6.572	5.776	263.3E6	2335.2E6	53.038	51.671
15)	B Endosulfa...	6.785	6.068	274.5E6	2274.9E6	49.375	48.735
16)	A 4,4'-DDD	6.704	5.916	242.8E6	2328.3E6	49.435	47.644
17)	MA 4,4'-DDT	7.019	6.170	204.9E6	1986.8E6	49.550	50.771
18)	B Endrin al...	6.914	6.246	193.6E6	1659.7E6	46.473	47.030
19)	B Endosulfa...	7.148	6.470	249.4E6	2084.0E6	48.475	46.482
20)	A Methoxychlor	7.493	6.741	102.4E6	902.2E6	47.091	44.993
21)	B Endrin ke...	7.628	6.979	270.1E6	2289.7E6	47.942	44.935
22)	Mirex	8.111	7.171	164.5E6	1418.1E6	46.241	42.792

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 15:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

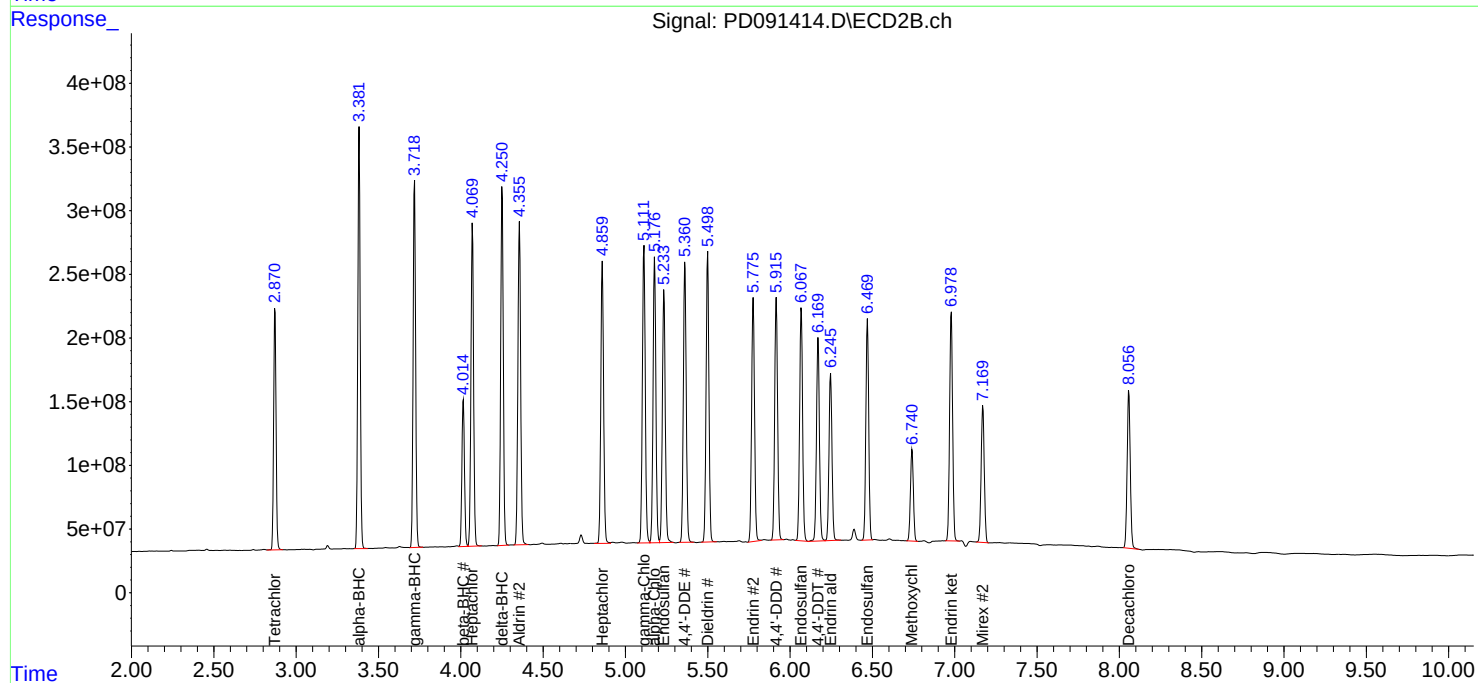
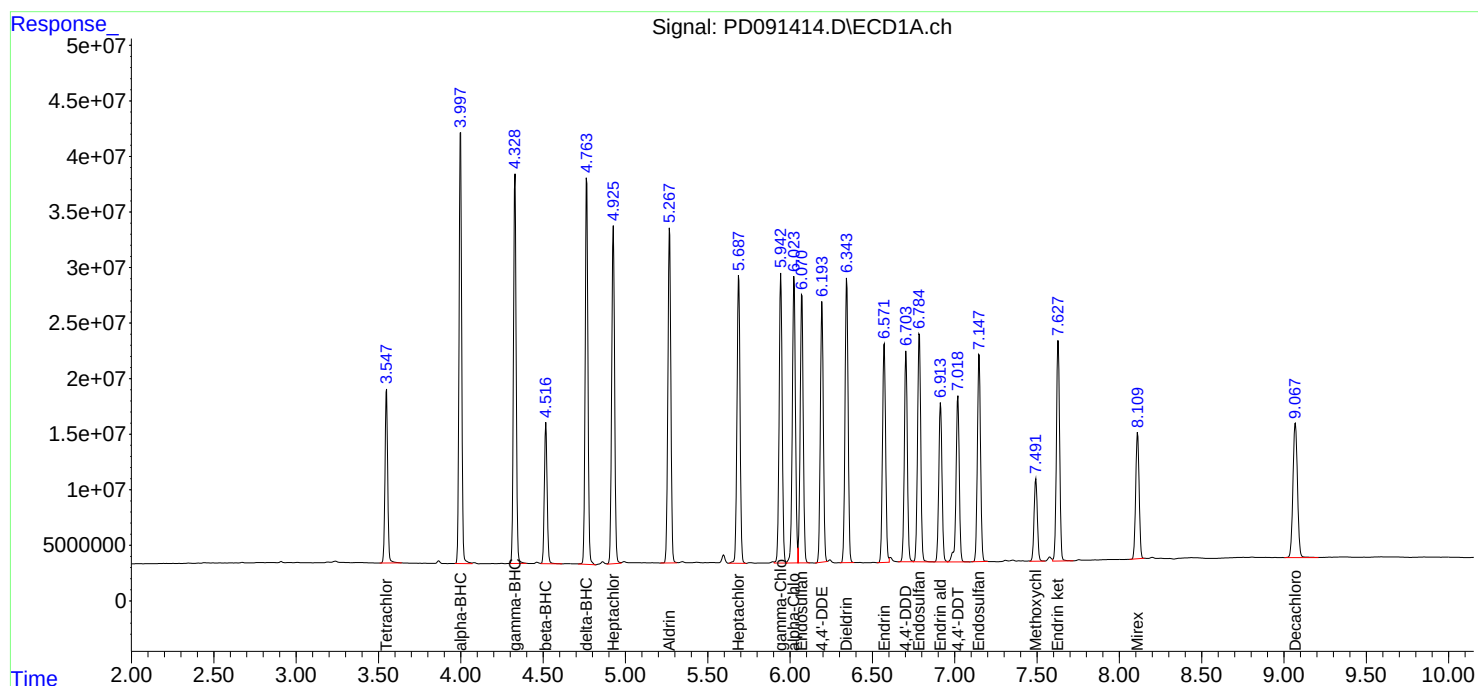
APPROVED

Reviewed By :Abdul Mirza 12/02/2025

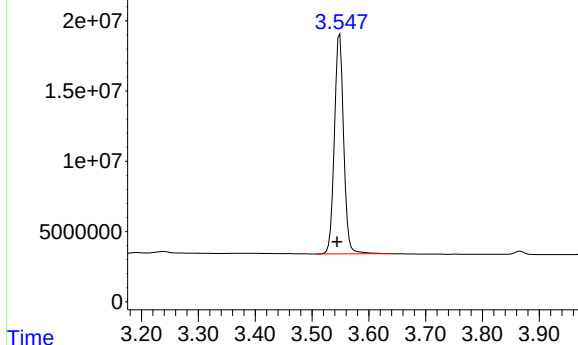
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:14:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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: PD091414.D\ECD1A.ch



#1 Tetrachloro-m-xylene

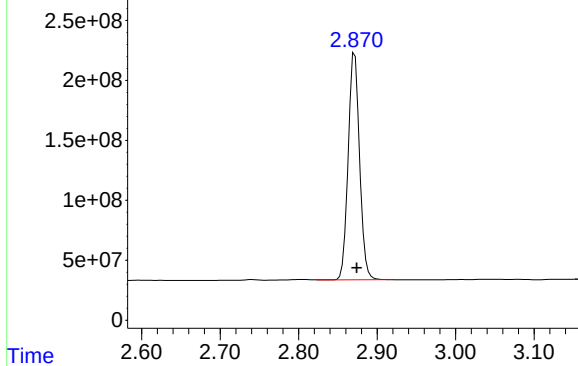
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 177713397
Conc: 51.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

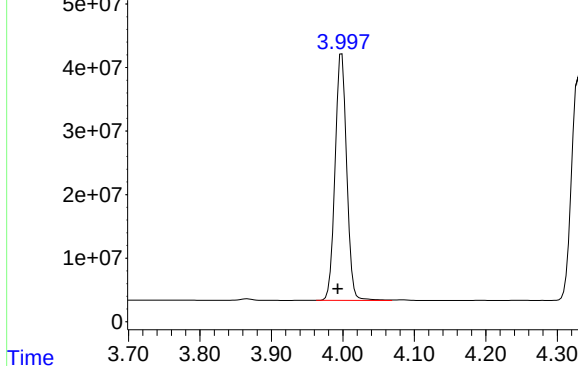
Response_ Signal: PD091414.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 1917712807
Conc: 52.35 ng/ml

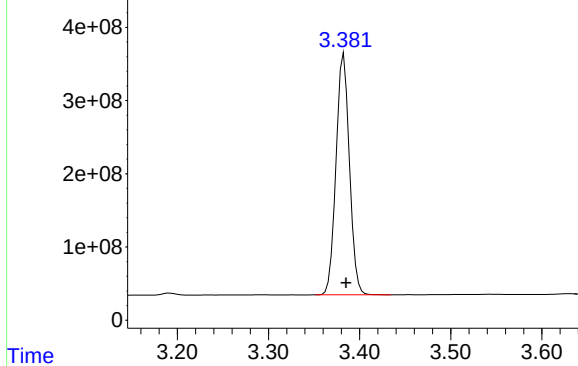
Response_ Signal: PD091414.D\ECD1A.ch



#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 438106110
Conc: 54.79 ng/ml

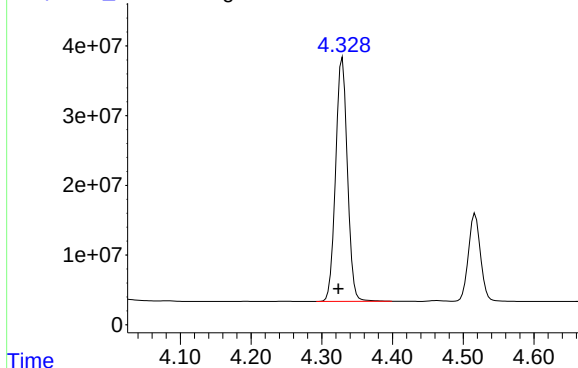
Response_ Signal: PD091414.D\ECD2B.ch



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3363788445
Conc: 53.22 ng/ml

Response_ Signal: PD091414.D\ECD1A.ch



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.006 min
Response: 403944806
Conc: 54.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

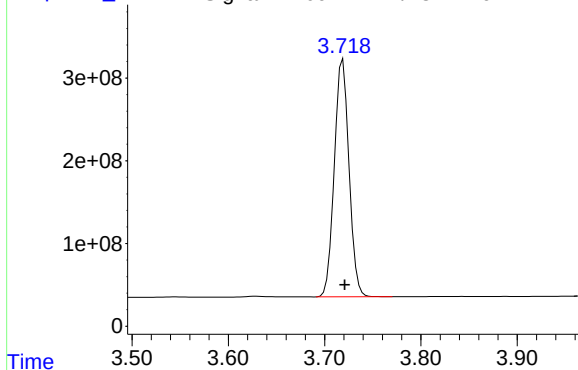
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

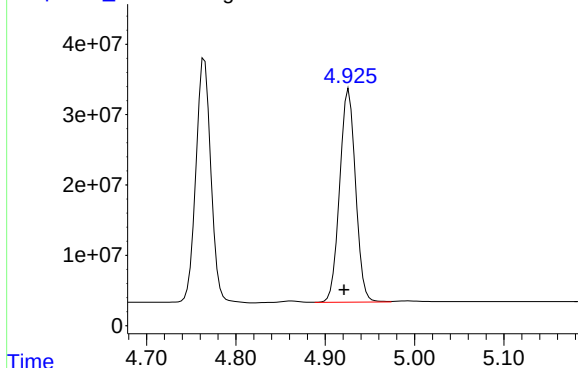
Response_ Signal: PD091414.D\ECD2B.ch



#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3051210745
Conc: 52.77 ng/ml

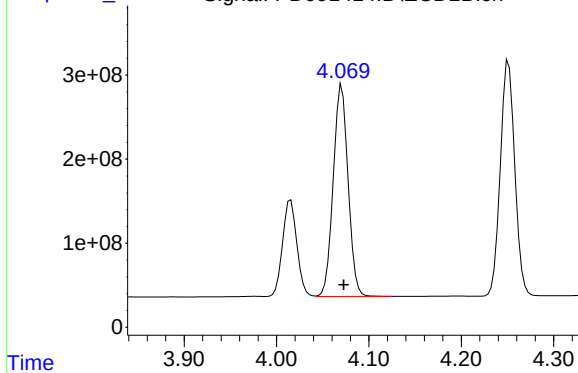
Response_ Signal: PD091414.D\ECD1A.ch



#4 Heptachlor

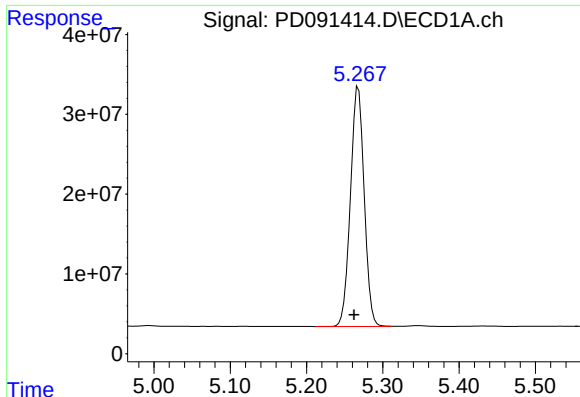
R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 373986378
Conc: 52.22 ng/ml

Response_ Signal: PD091414.D\ECD2B.ch



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2813483012
Conc: 50.96 ng/ml



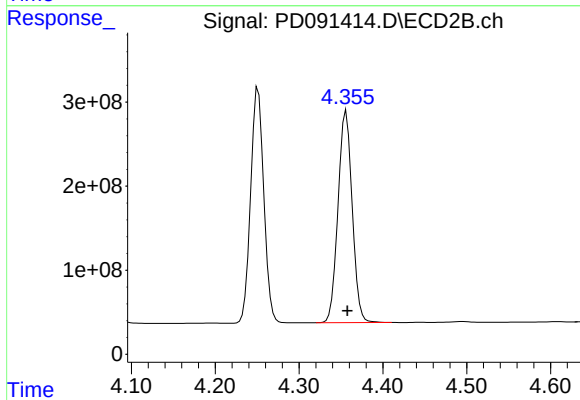
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.006 min
Response: 378068618
Conc: 52.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

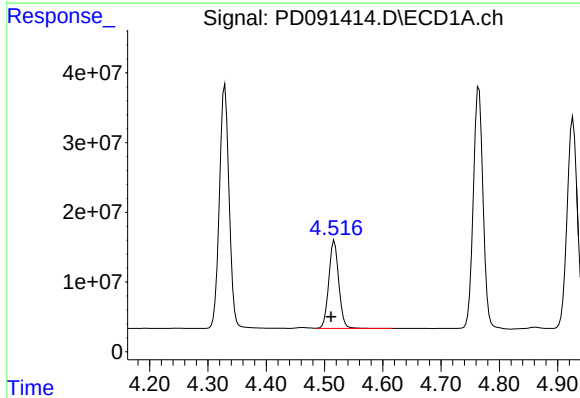
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



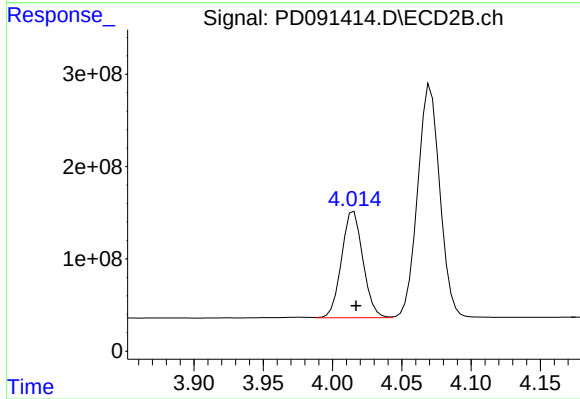
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2958310480
Conc: 52.40 ng/ml



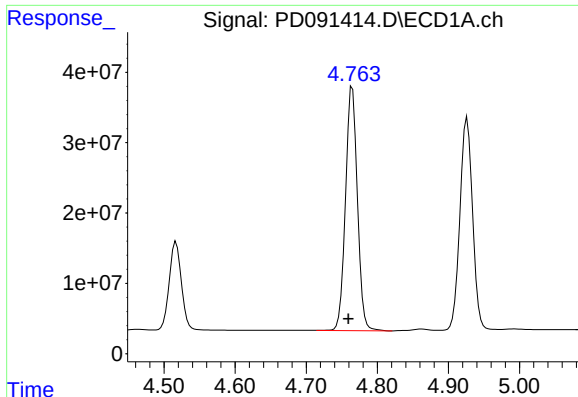
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 149956632
Conc: 51.61 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1240651576
Conc: 51.64 ng/ml



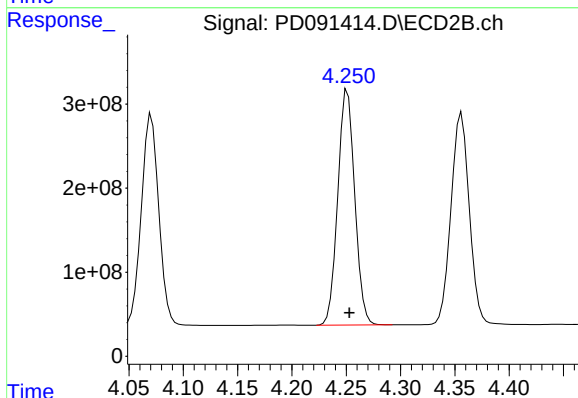
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 403981052
Conc: 54.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

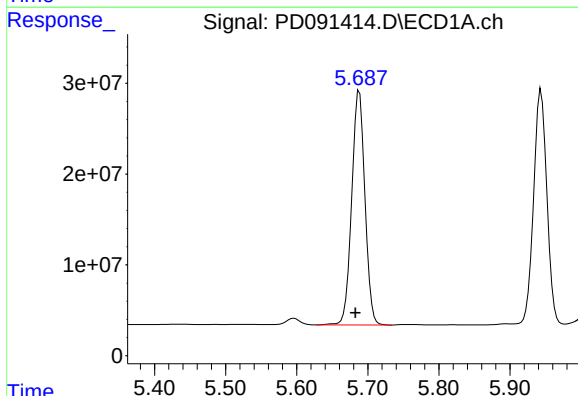
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



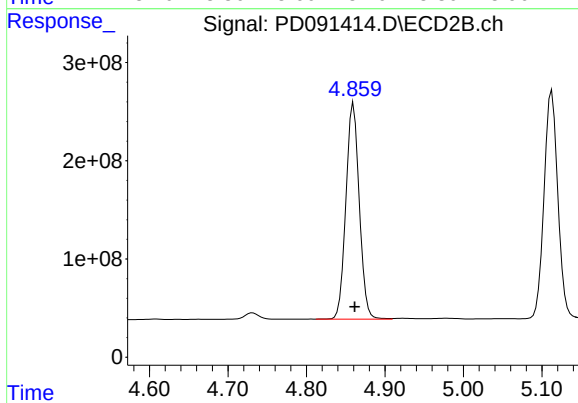
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 3048993190
Conc: 52.14 ng/ml



#8 Heptachlor epoxide

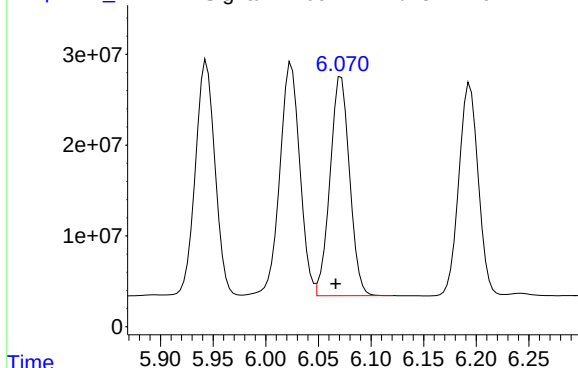
R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 333924988
Conc: 51.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2607787780
Conc: 51.17 ng/ml

Response_ Signal: PD091414.D\ECD1A.ch



#9 Endosulfan I

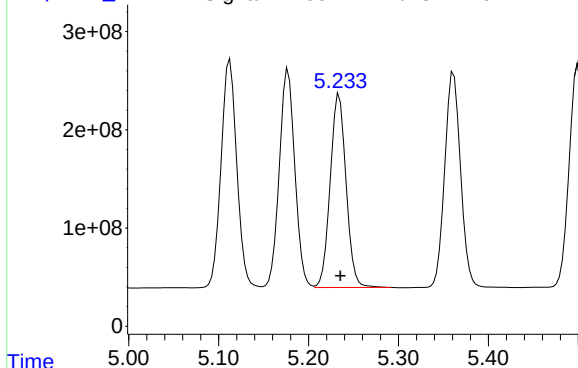
R.T.: 6.072 min
 Delta R.T.: 0.005 min
 Response: 311849810
 Conc: 50.77 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

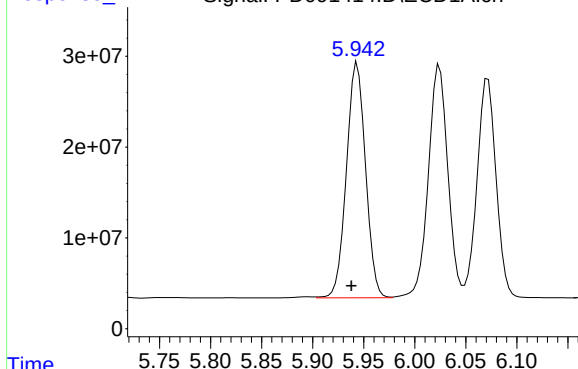
Time Response_ Signal: PD091414.D\ECD2B.ch



#9 Endosulfan I

R.T.: 5.234 min
 Delta R.T.: -0.001 min
 Response: 2419508780
 Conc: 50.56 ng/ml

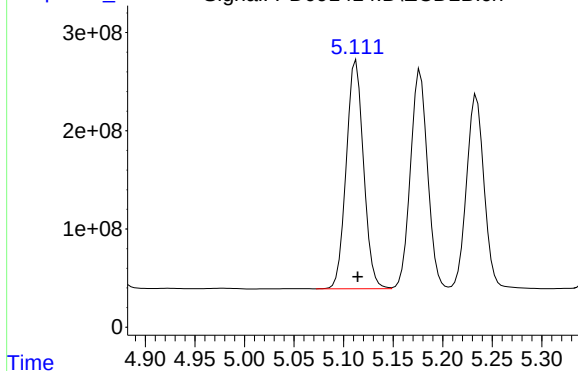
Time Response_ Signal: PD091414.D\ECD1A.ch



#10 gamma-Chlordane

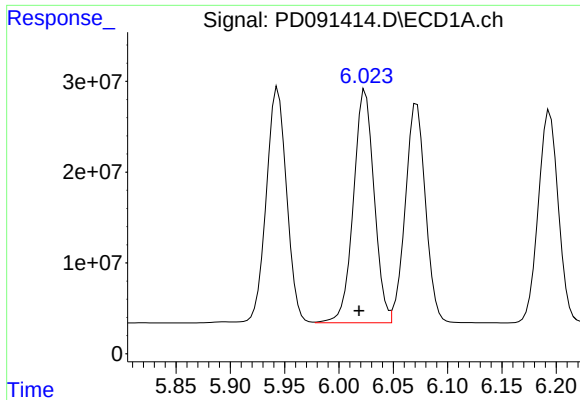
R.T.: 5.944 min
 Delta R.T.: 0.006 min
 Response: 337173464
 Conc: 51.87 ng/ml

Time Response_ Signal: PD091414.D\ECD2B.ch



#10 gamma-Chlordane

R.T.: 5.113 min
 Delta R.T.: -0.002 min
 Response: 2828467001
 Conc: 51.78 ng/ml



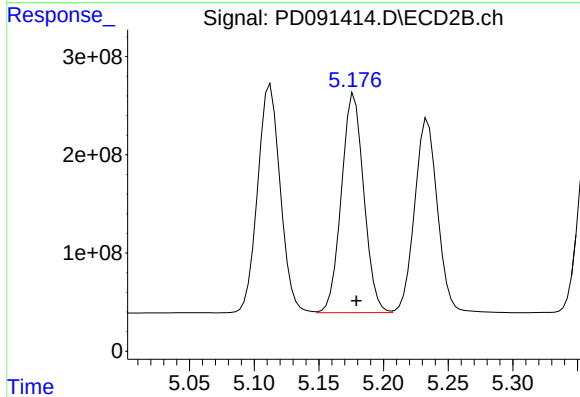
#11 alpha-Chlordane

R.T.: 6.024 min
 Delta R.T.: 0.006 min
 Response: 340088395
 Conc: 49.41 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

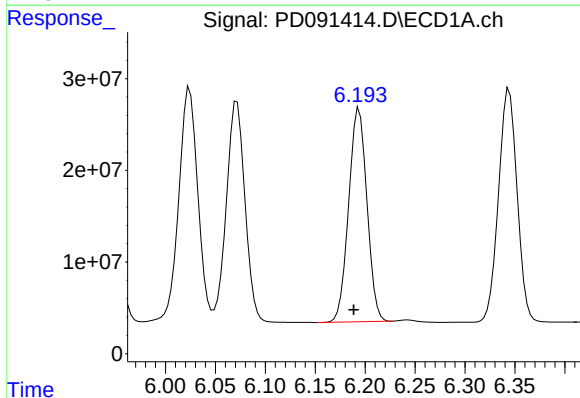
Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



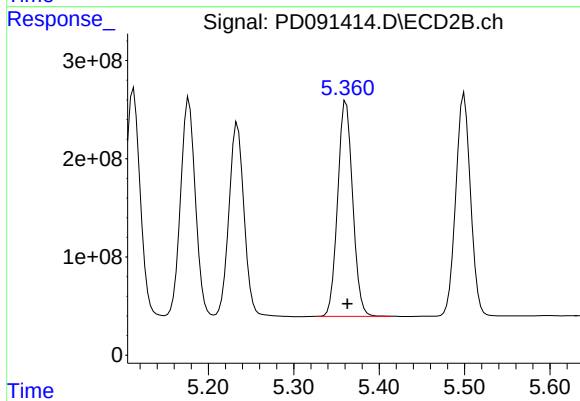
#11 alpha-Chlordane

R.T.: 5.177 min
 Delta R.T.: -0.002 min
 Response: 2682867527
 Conc: 51.27 ng/ml



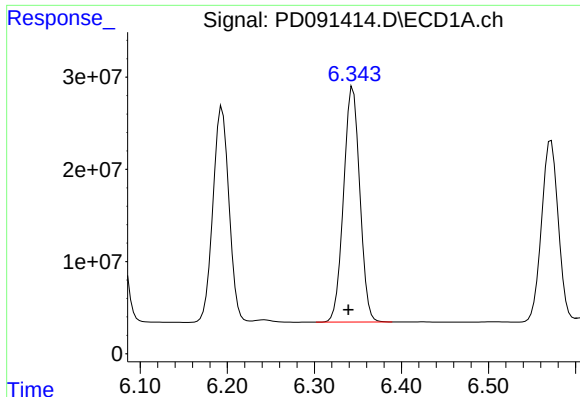
#12 4,4'-DDE

R.T.: 6.194 min
 Delta R.T.: 0.005 min
 Response: 296655037
 Conc: 51.15 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
 Delta R.T.: -0.003 min
 Response: 2678973610
 Conc: 50.13 ng/ml m



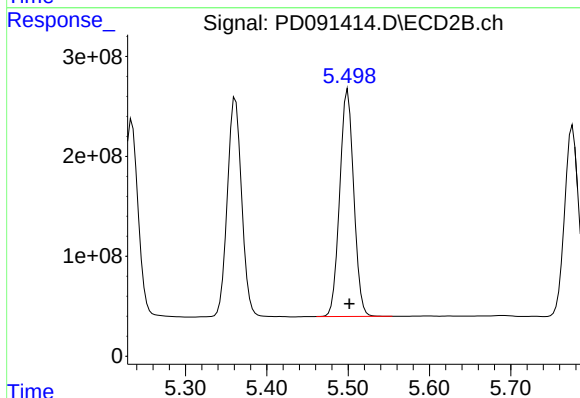
#13 Dieldrin

R.T.: 6.344 min
 Delta R.T.: 0.005 min
 Response: 330171126
 Conc: 51.07 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

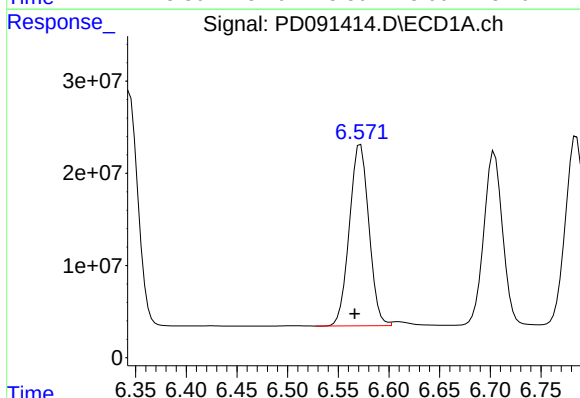
Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



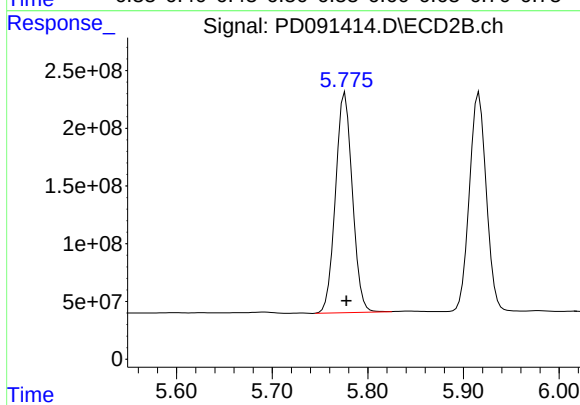
#13 Dieldrin

R.T.: 5.500 min
 Delta R.T.: -0.002 min
 Response: 2718167388
 Conc: 50.05 ng/ml



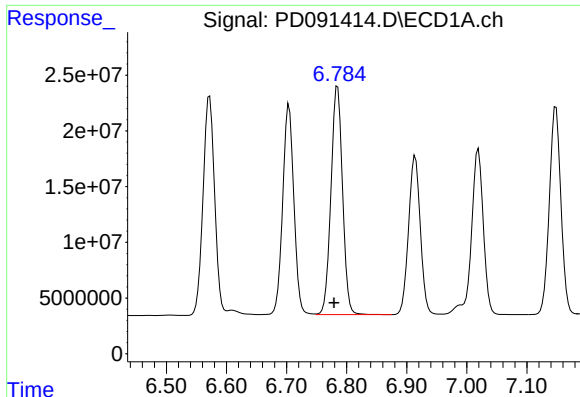
#14 Endrin

R.T.: 6.572 min
 Delta R.T.: 0.006 min
 Response: 263252810
 Conc: 53.04 ng/ml



#14 Endrin

R.T.: 5.776 min
 Delta R.T.: -0.001 min
 Response: 2335163799
 Conc: 51.67 ng/ml



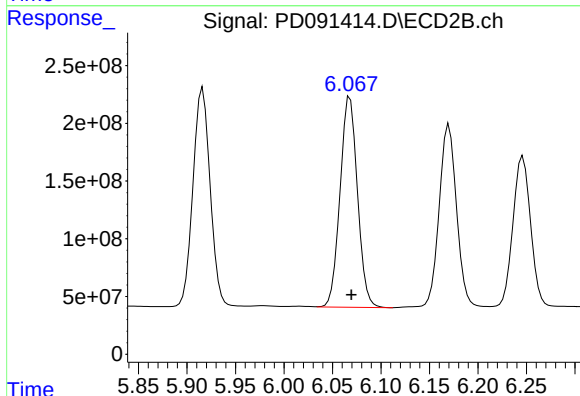
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 274493554
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

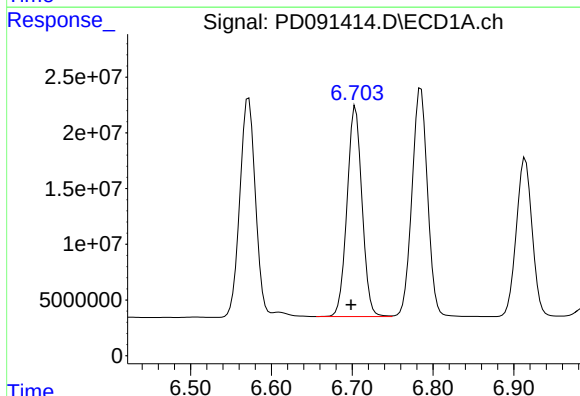
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



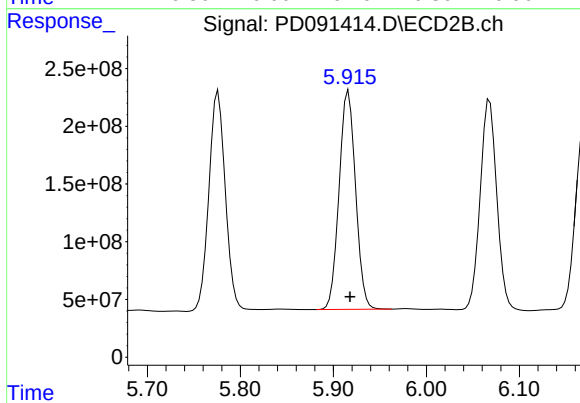
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2274925595
Conc: 48.73 ng/ml



#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 242800691
Conc: 49.44 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2328311413
Conc: 47.64 ng/ml

Response_ Signal: PD091414.D\ECD1A.ch

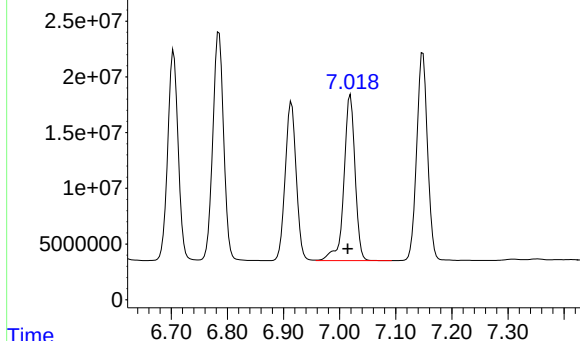
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 204912863
Conc: 49.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

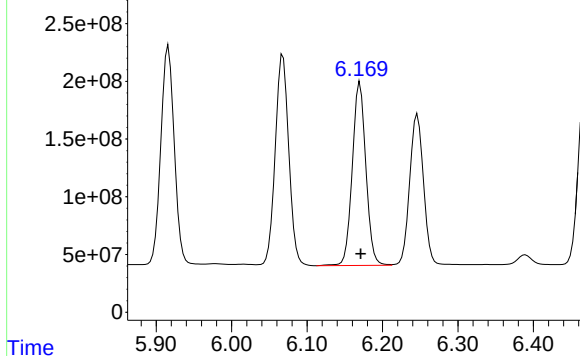
Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



Time Response_ Signal: PD091414.D\ECD2B.ch

#17 4,4'-DDT

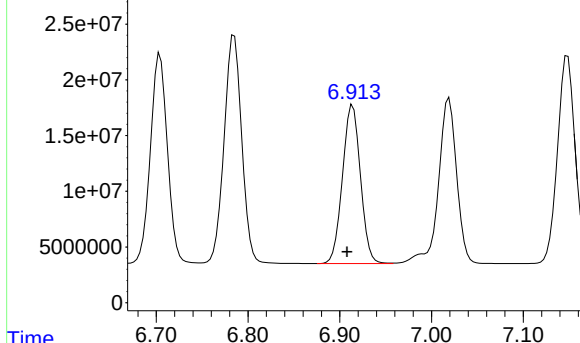
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 1986788593
Conc: 50.77 ng/ml



Time Response_ Signal: PD091414.D\ECD1A.ch

#18 Endrin aldehyde

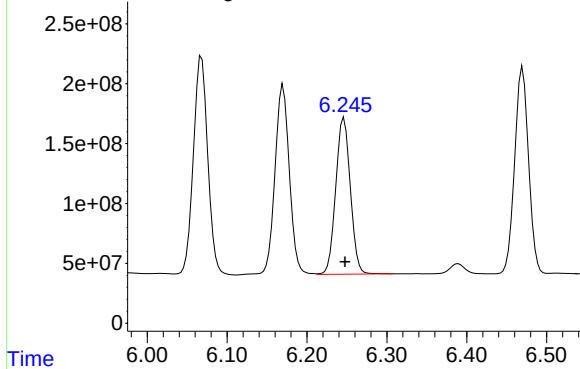
R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 193606151
Conc: 46.47 ng/ml

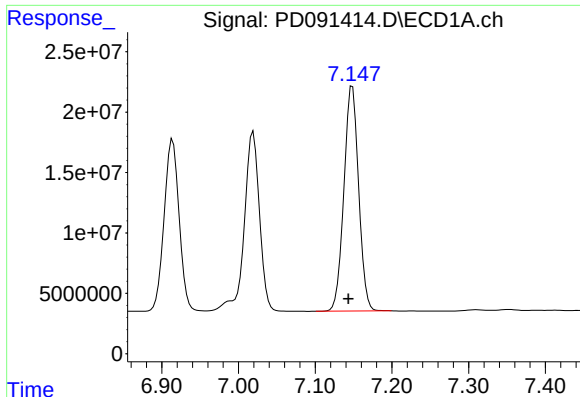


Time Response_ Signal: PD091414.D\ECD2B.ch

#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 1659658421
Conc: 47.03 ng/ml





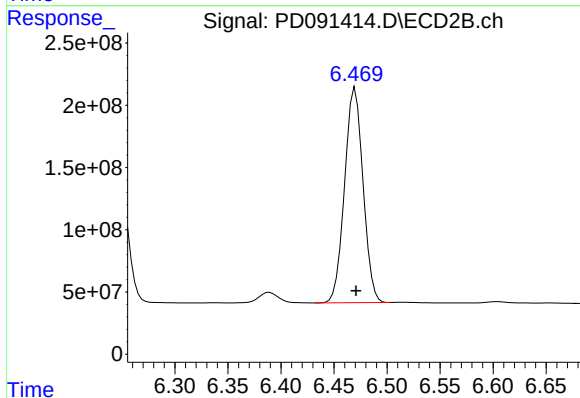
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 249394801
Conc: 48.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

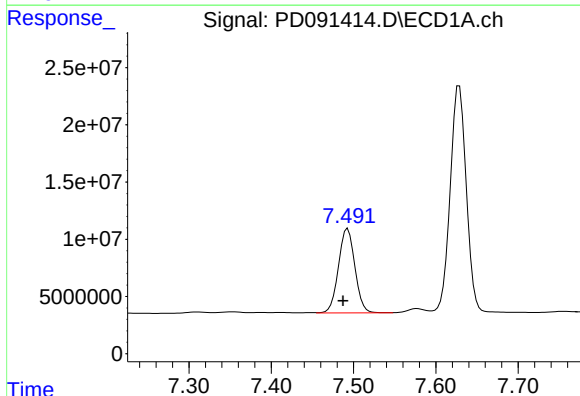
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



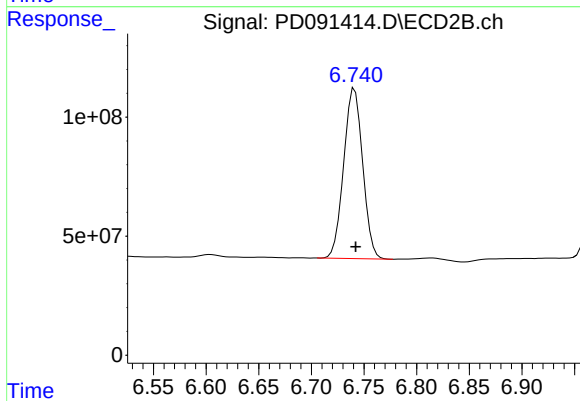
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2084009165
Conc: 46.48 ng/ml



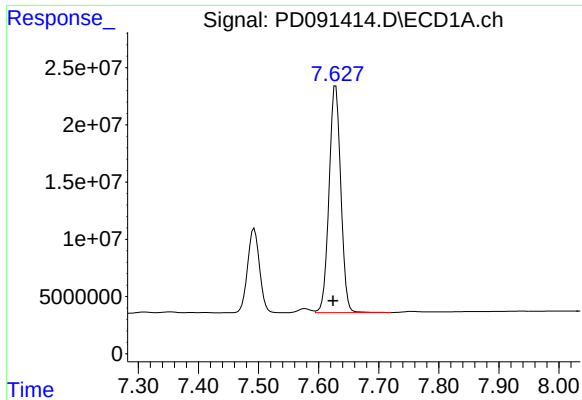
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 102391076
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 902178047
Conc: 44.99 ng/ml



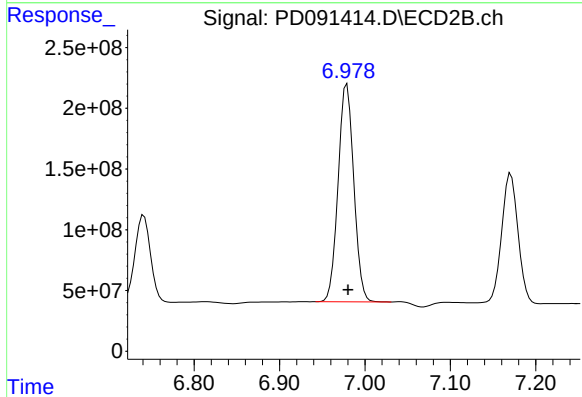
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.005 min
Response: 270082199
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

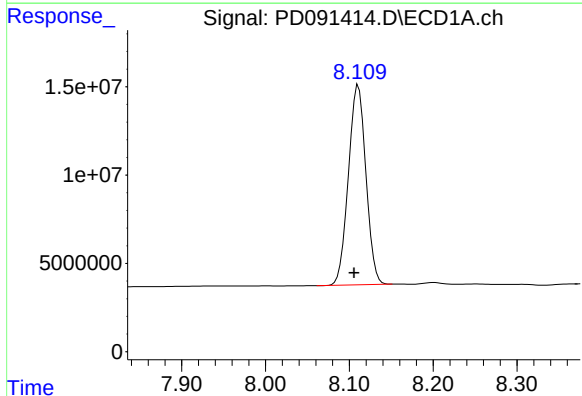
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



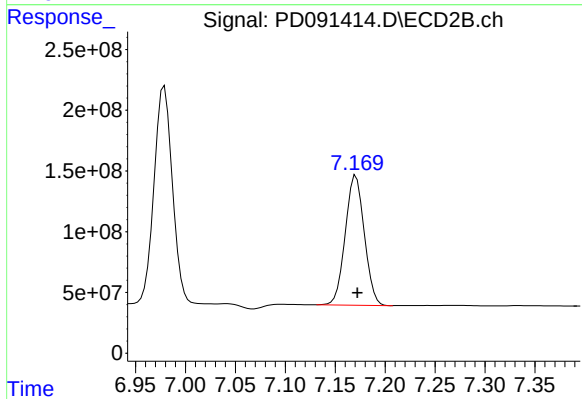
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2289692930
Conc: 44.93 ng/ml



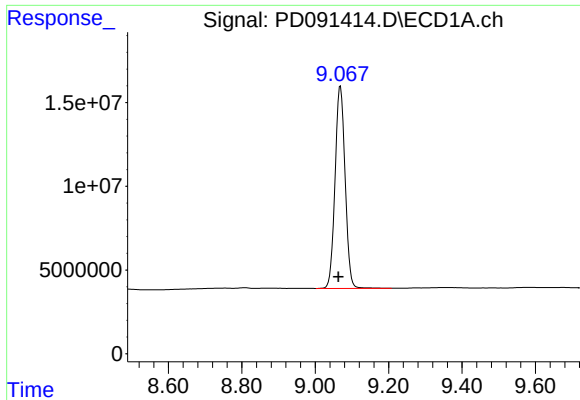
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.005 min
Response: 164481206
Conc: 46.24 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1418110166
Conc: 42.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 230240491
Conc: 46.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

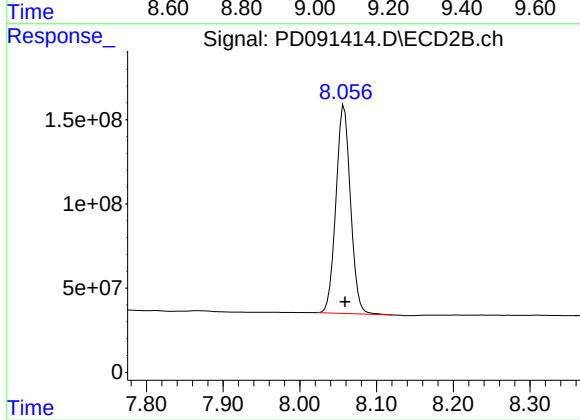
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1630464703
Conc: 41.20 ng/ml

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D Date Analyzed: 11/14/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:15

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.064	8.960	9.160	20.170	20.000	0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	19.500	20.000	-2.5
alpha-BHC	3.993	3.940	4.040	8.250	10.000	-17.5
beta-BHC	4.511	4.460	4.560	9.240	10.000	-7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	8.450	10.000	-15.5
Endrin	6.567	6.500	6.640	44.390	50.000	-11.2
4,4'-DDT	7.015	6.940	7.090	88.290	100.000	-11.7
Methoxychlor	7.487	7.420	7.560	207.040	250.000	-17.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D Date Analyzed: 11/14/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:15

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.059	7.960	8.160	19.620	20.000	-1.9
Tetrachloro-m-xylene	2.874	2.820	2.920	19.370	20.000	-3.2
alpha-BHC	3.385	3.330	3.440	9.380	10.000	-6.2
beta-BHC	4.018	3.970	4.070	9.530	10.000	-4.7
gamma-BHC (Lindane)	3.721	3.670	3.770	9.460	10.000	-5.4
Endrin	5.779	5.710	5.850	45.450	50.000	-9.1
4,4'-DDT	6.172	6.100	6.240	89.340	100.000	-10.7
Methoxychlor	6.742	6.670	6.810	186.630	250.000	-25.3

Data File: PEM
 PD091194.D Date Acquired 11/14/2025 20:15
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down Down
Endrin	6.57	220342338.4	243232929.5	22890591.1	9.41
Endrin aldehyde	6.91	5179237.826			
Endrin ketone	7.62	17711353.28			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2053826744	2298027068	244200325	10.63
Endrin aldehyde #2	6.25	61443615.46			
Endrin ketone #2	6.98	182756709.2			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	365114982.7	402071544.1	36956561.3	9.19
4,4'-DDE	6.19	1068437.233			
4,4'-DDD	6.70	35888124.09			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3496021709	3894922521	398900812	10.24
4,4'-DDE #2	5.36	8351296.931			
4,4'-DDD #2	5.92	390549515.4			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 20:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/17/2025
 Supervised By : Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:48:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	67260764	709.4E6	19.504	19.367
28)	SA Decachlor...	9.064	8.059	100.5E6	776.5E6	20.172	19.621
Target Compounds							
2)	A alpha-BHC	3.993	3.385	65992882	592.9E6	8.254	9.381
3)	MA gamma-BHC...	4.324	3.721	63139958	546.9E6	8.449	9.458
6)	B beta-BHC	4.511	4.018	26858838	229.1E6	9.244	9.533
12)	B 4,4'-DDE	6.188	5.362	1068437	8351297	0.184	0.156m
14)	MA Endrin	6.567	5.779	220.3E6	2053.8E6	44.393	45.446
16)	A 4,4'-DDD	6.698	5.918	35888124	390.5E6	7.307	7.992
17)	MA 4,4'-DDT	7.015	6.172	365.1E6	3496.0E6	88.288	89.338
18)	B Endrin al...	6.908	6.246	5179238	61443615	1.243m	1.741m#
20)	A Methoxychlor	7.487	6.742	450.2E6	3742.1E6	207.044	186.626
21)	B Endrin ke...	7.624	6.980	17711353	182.8E6	3.144	3.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

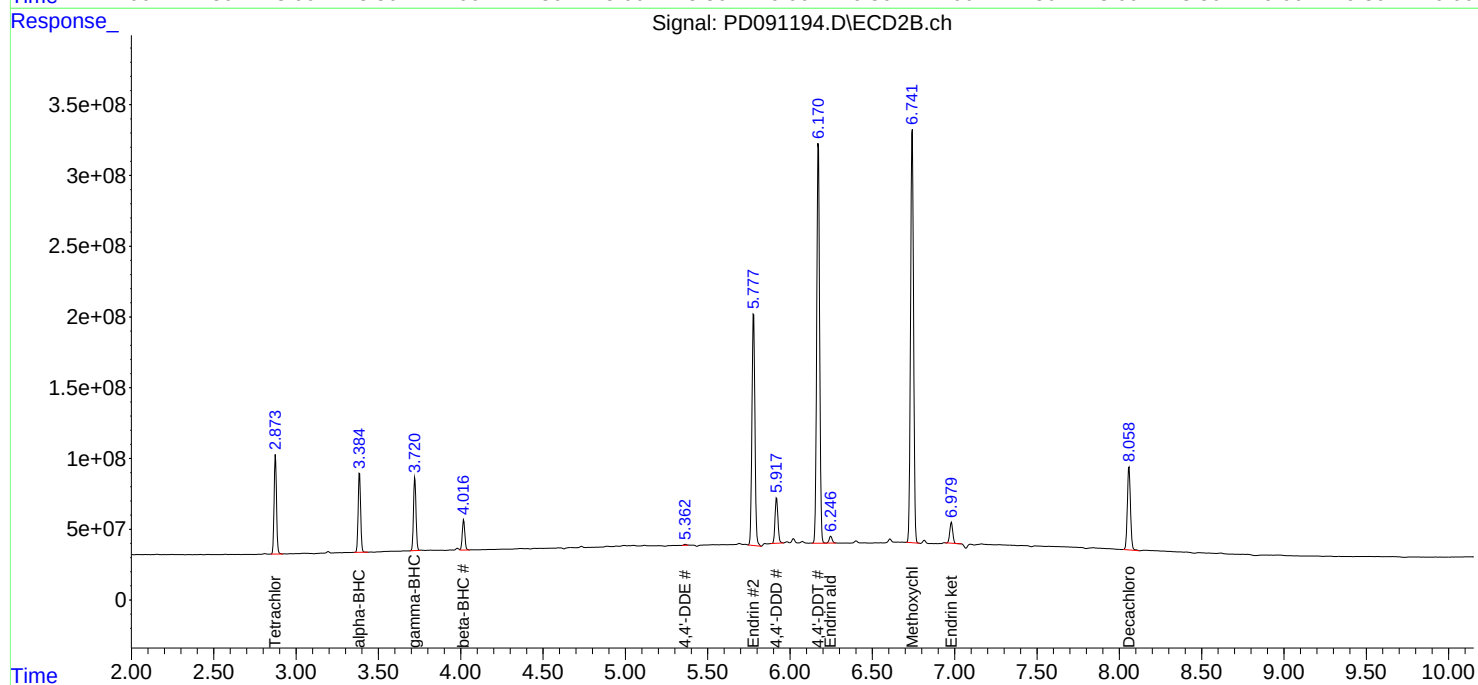
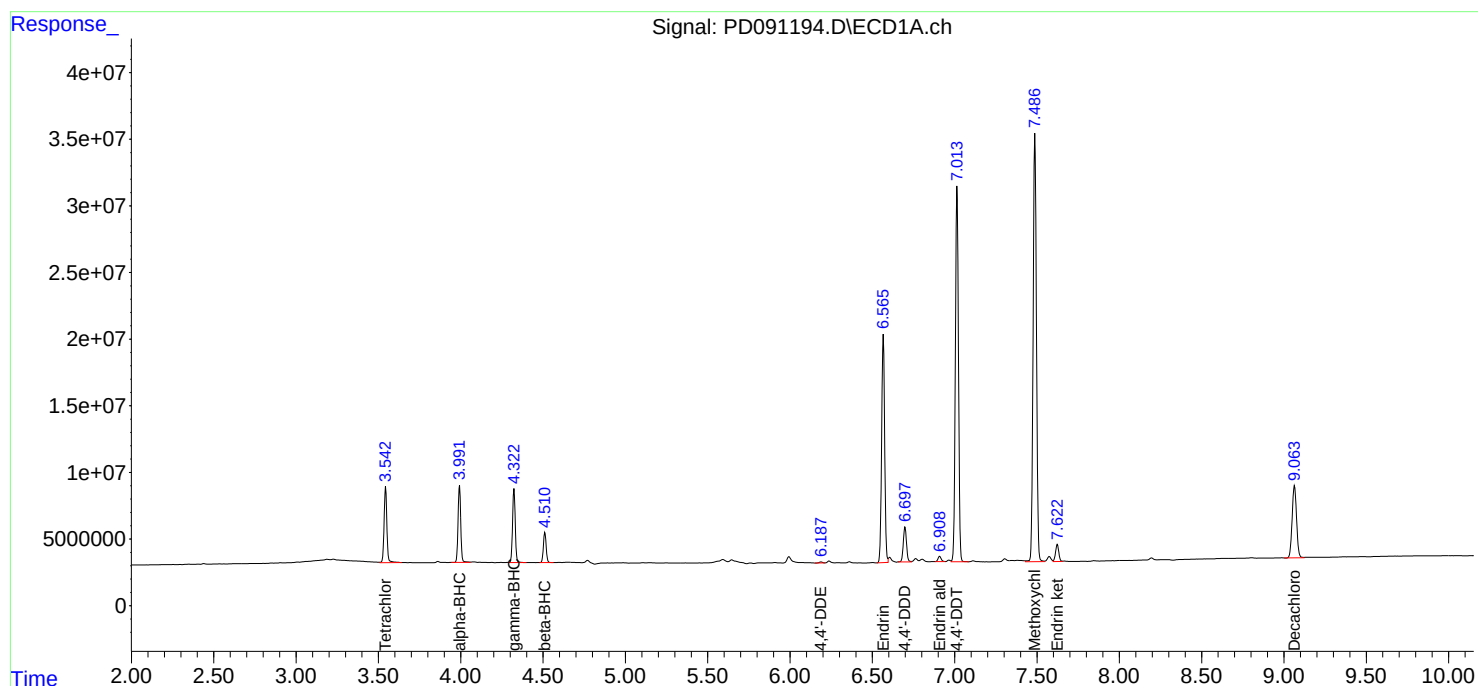
Instrument :
ECD_D
ClientSampleId :
PEM

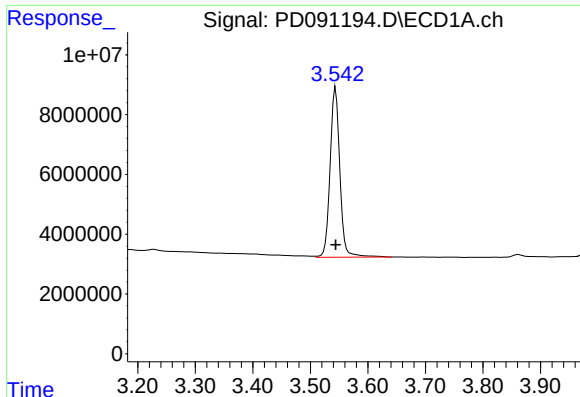
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/17/2025
Supervised By : Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





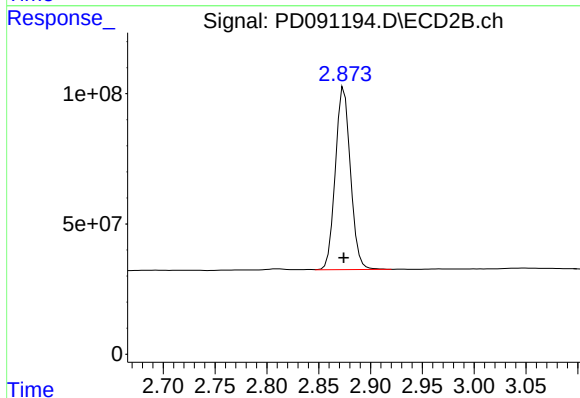
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67260764
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

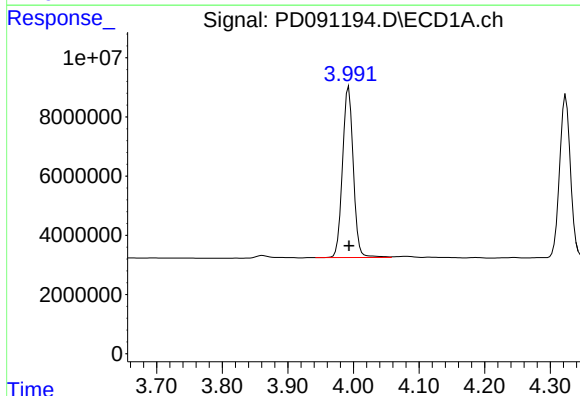
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



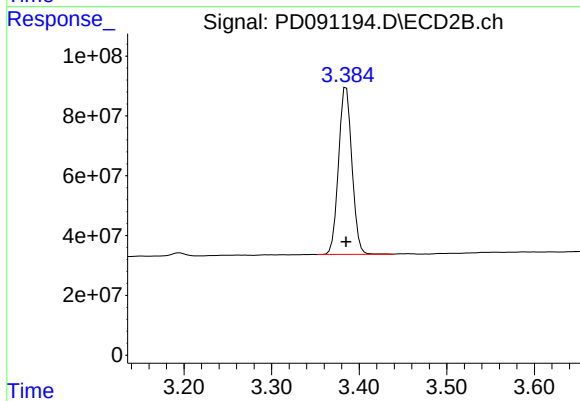
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 709407359
Conc: 19.37 ng/ml



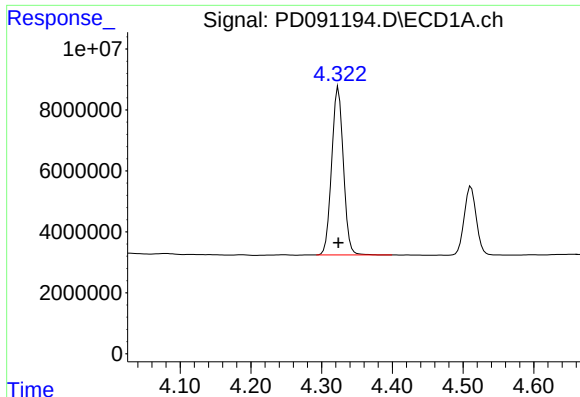
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 65992882
Conc: 8.25 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 592928129
Conc: 9.38 ng/ml



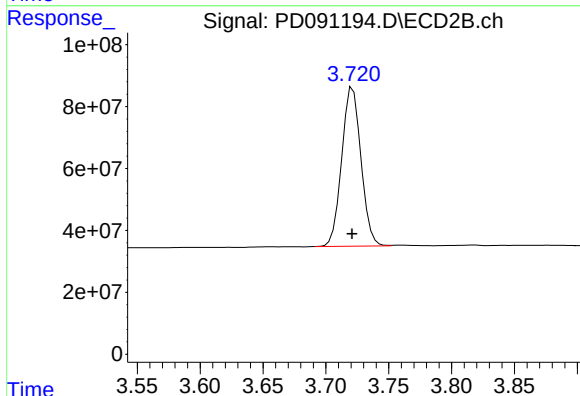
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 63139958
Conc: 8.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

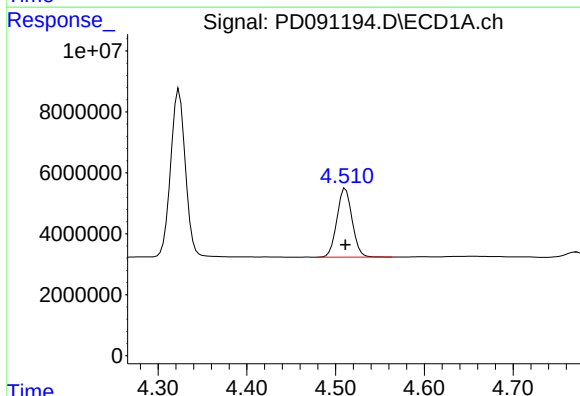
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



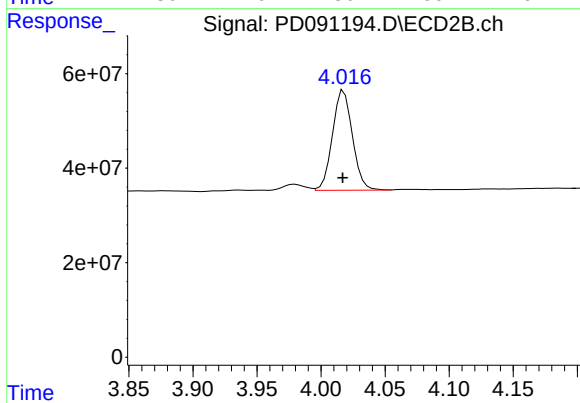
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 546850703
Conc: 9.46 ng/ml



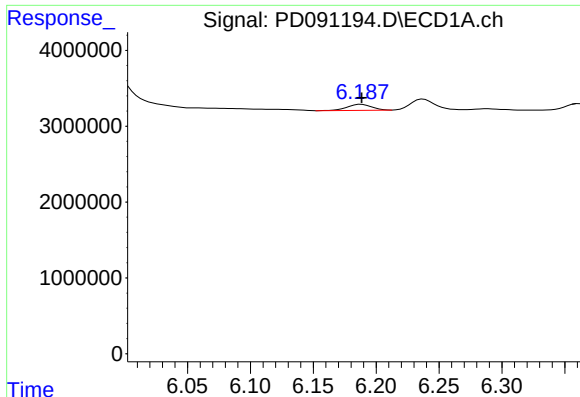
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 26858838
Conc: 9.24 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 229059675
Conc: 9.53 ng/ml



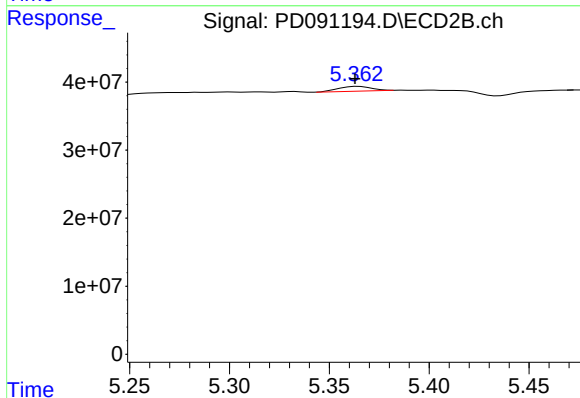
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 1068437
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

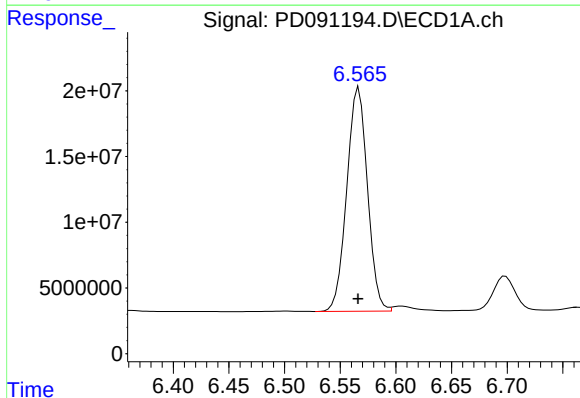
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



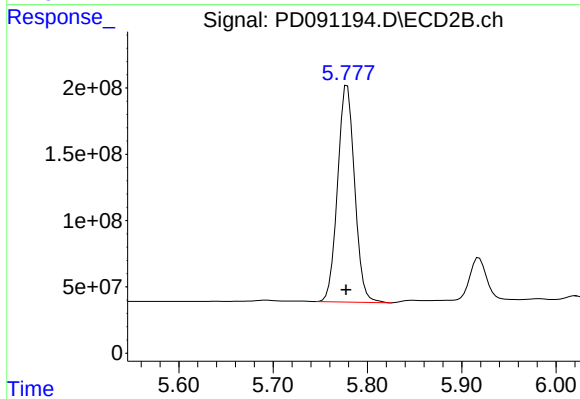
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 8351297
Conc: 0.16 ng/ml m



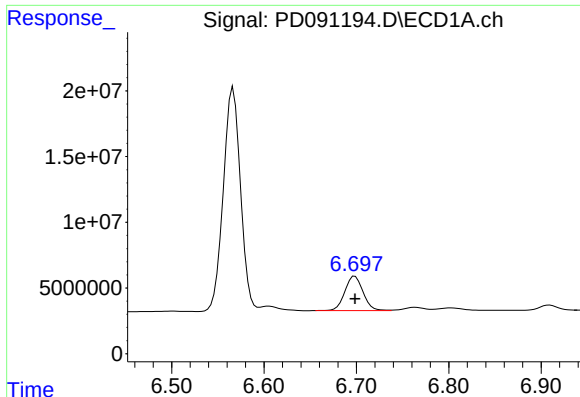
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 220342338
Conc: 44.39 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 2053826744
Conc: 45.45 ng/ml



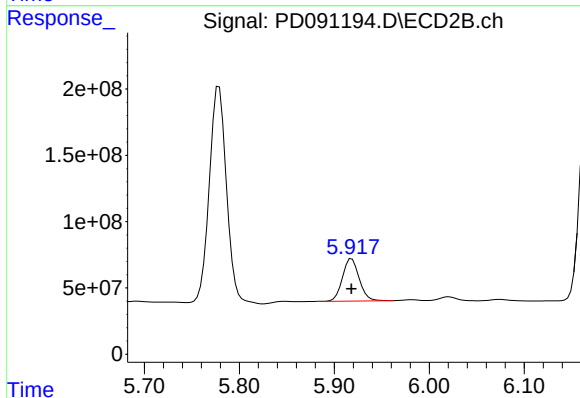
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 35888124
Conc: 7.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

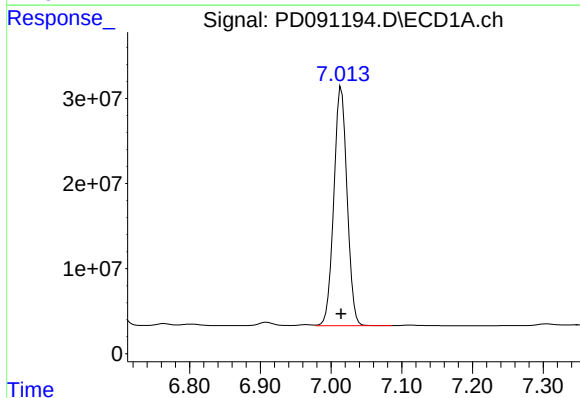
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



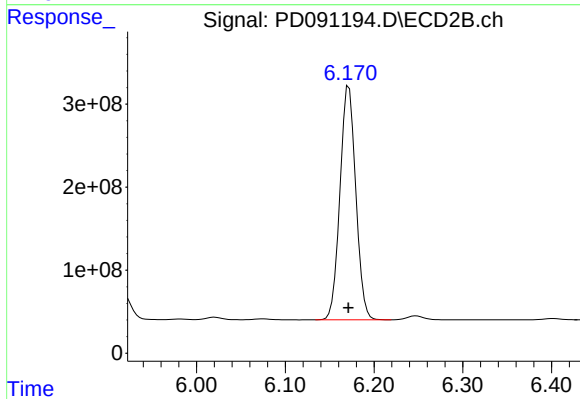
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 390549515
Conc: 7.99 ng/ml



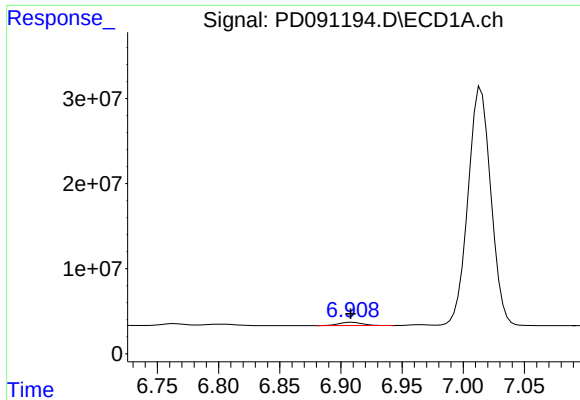
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 365114983
Conc: 88.29 ng/ml



#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 3496021709
Conc: 89.34 ng/ml



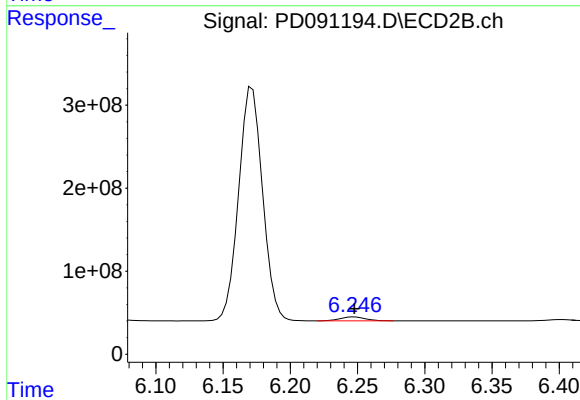
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 5179238
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

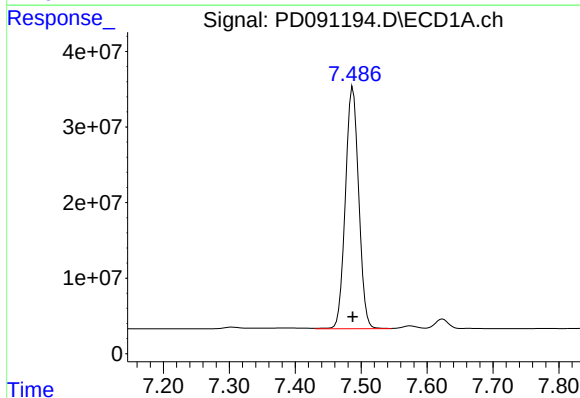
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



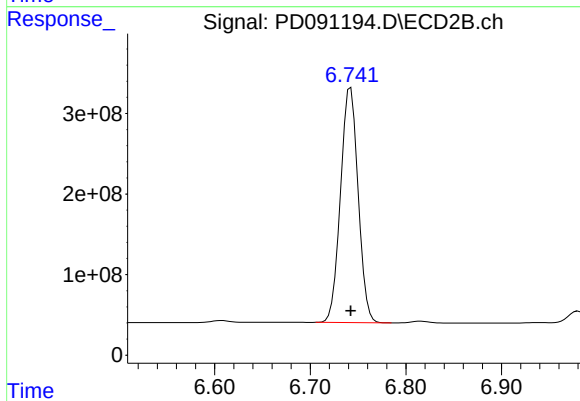
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 61443615
Conc: 1.74 ng/ml m



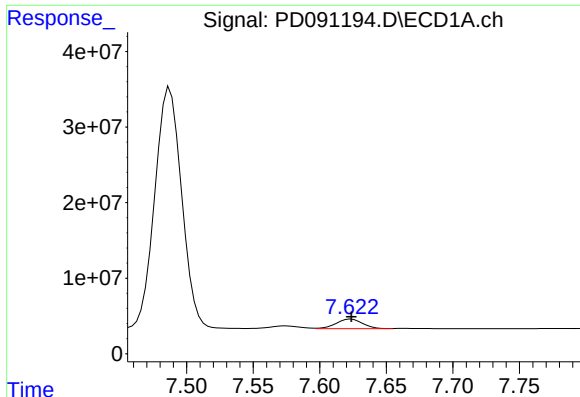
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 450182707
Conc: 207.04 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3742126047
Conc: 186.63 ng/ml



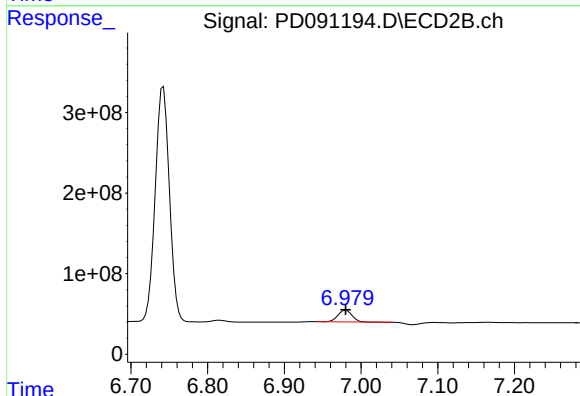
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 17711353
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

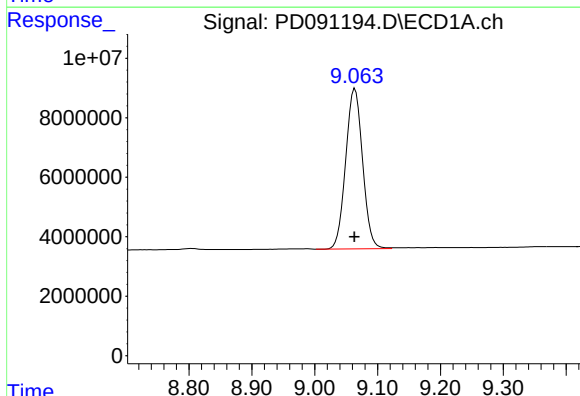
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025



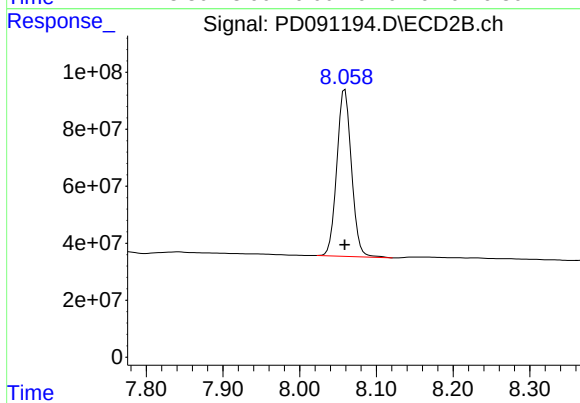
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 182756709
Conc: 3.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 100495343
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 776505616
Conc: 19.62 ng/ml

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091265.D Date Analyzed: 11/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.059	8.960	9.160	17.850	20.000	-10.8
Tetrachloro-m-xylene	3.541	3.490	3.590	18.480	20.000	-7.6
alpha-BHC	3.990	3.940	4.040	7.760	10.000	-22.4
beta-BHC	4.509	4.460	4.560	9.000	10.000	-10.0
gamma-BHC (Lindane)	4.321	4.270	4.370	8.120	10.000	-18.8
Endrin	6.564	6.490	6.630	45.570	50.000	-8.9
4,4'-DDT	7.012	6.940	7.080	94.380	100.000	-5.6
Methoxychlor	7.485	7.410	7.560	217.780	250.000	-12.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091265.D Date Analyzed: 11/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.054	7.950	8.150	20.630	20.000	3.2
Tetrachloro-m-xylene	2.871	2.820	2.920	19.510	20.000	-2.5
alpha-BHC	3.382	3.330	3.430	9.470	10.000	-5.3
beta-BHC	4.015	3.960	4.070	9.800	10.000	-2.0
gamma-BHC (Lindane)	3.718	3.670	3.770	9.630	10.000	-3.7
Endrin	5.774	5.700	5.840	48.970	50.000	-2.1
4,4'-DDT	6.168	6.100	6.240	104.260	100.000	4.3
Methoxychlor	6.738	6.670	6.810	207.550	250.000	-17.0

PEM
 Data File: PD091265.D Date Acquired 11/19/2025 9:19
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.56	226193280.6	235366877.3	9173596.73	Down 3.90
Endrin aldehyde	6.91	2880331.948			
Endrin ketone	7.62	6293264.778			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.77	2213078160	2310669441	97591280.7	4.22
Endrin aldehyde #2	6.24	29926203.98			
Endrin ketone #2	6.98	67665076.77			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	390312353	401411823.9	11099470.9	2.77
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	11099470.92			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	4080081387	4182764020	102682633	2.45
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.91	102682632.8			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 09:19
 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 19 12:43:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.871	63743748	714.6E6	18.484	19.507
28)	SA Decachlor...	9.059	8.054	88950302	816.4E6	17.855	20.628
Target Compounds							
2)	A alpha-BHC	3.990	3.382	62018917	598.5E6	7.757	9.470
3)	MA gamma-BHC...	4.321	3.718	60691831	557.1E6	8.122	9.634
6)	B beta-BHC	4.509	4.015	26147388	235.6E6	8.999	9.804
14)	MA Endrin	6.564	5.774	226.2E6	2213.1E6	45.571	48.970
16)	A 4,4'-DDD	6.696	5.915	11099471	102.7E6	2.260	2.101
17)	MA 4,4'-DDT	7.012	6.168	390.3E6	4080.1E6	94.381	104.263
18)	B Endrin al...	6.907	6.243	2880332	29926204	0.691	0.848
20)	A Methoxychlor	7.485	6.738	473.5E6	4161.7E6	217.776	207.553
21)	B Endrin ke...	7.621	6.976	6293265	67665077	1.117	1.328

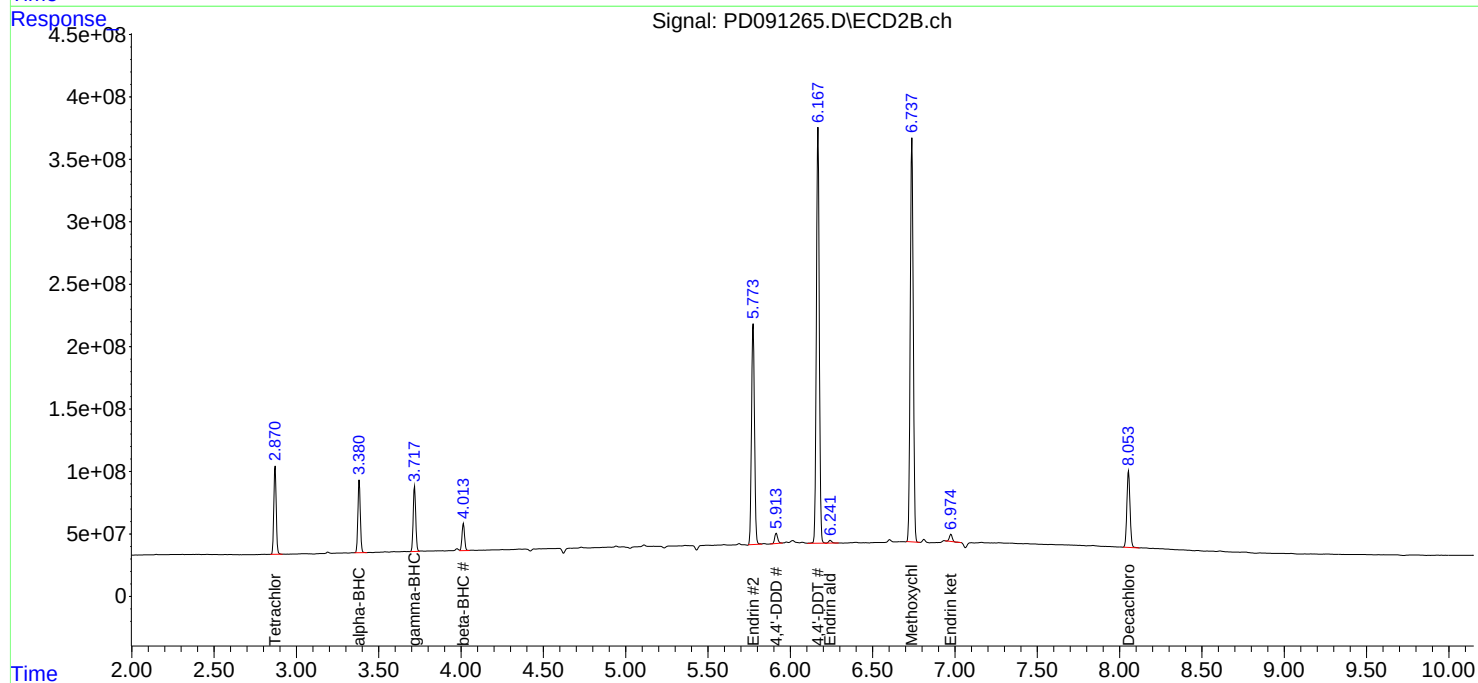
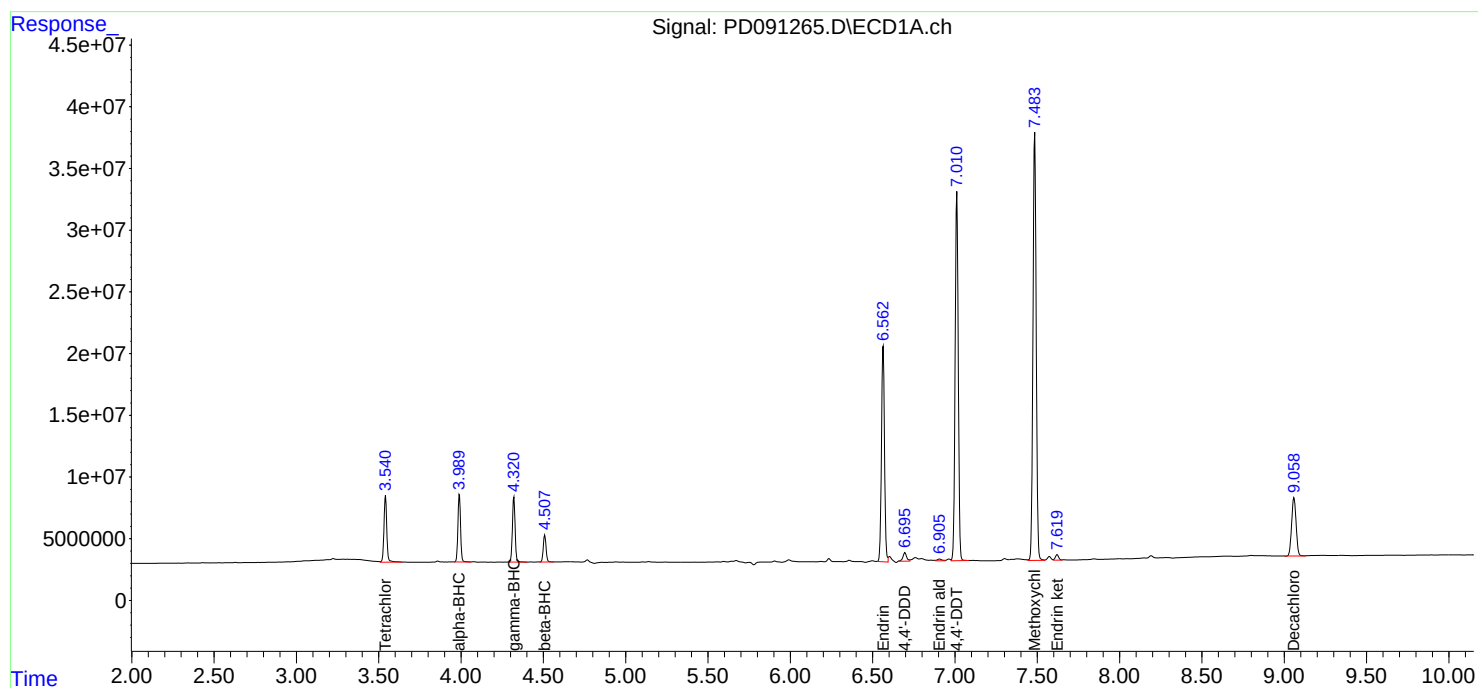
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

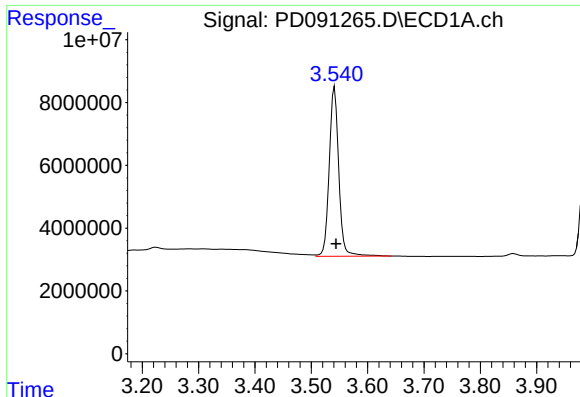
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:43:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

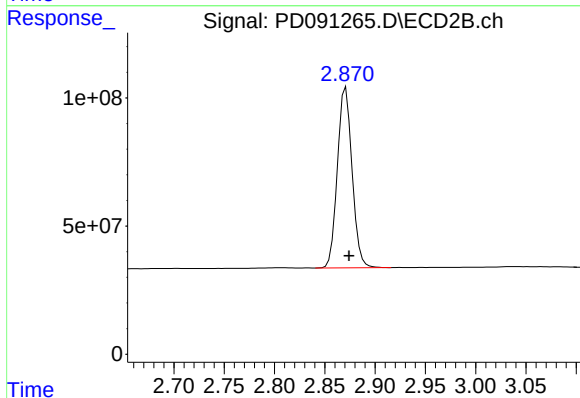




#1 Tetrachloro-m-xylene

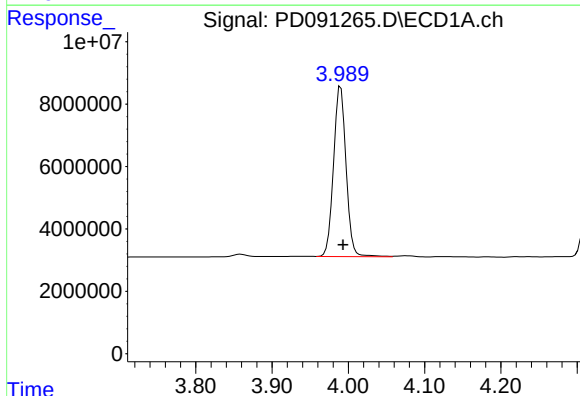
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 63743748
Conc: 18.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



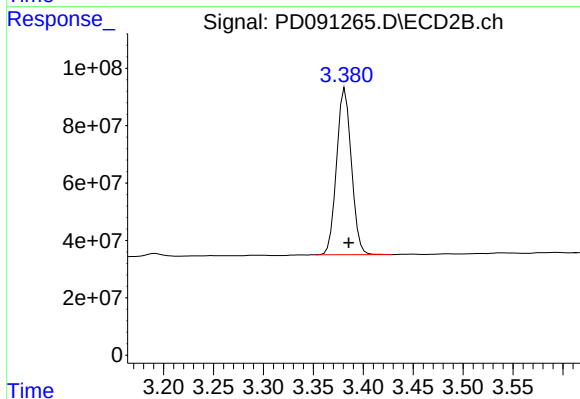
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 714560970
Conc: 19.51 ng/ml



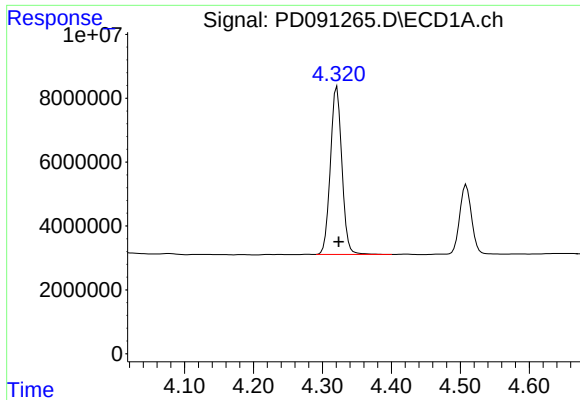
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 62018917
Conc: 7.76 ng/ml



#2 alpha-BHC

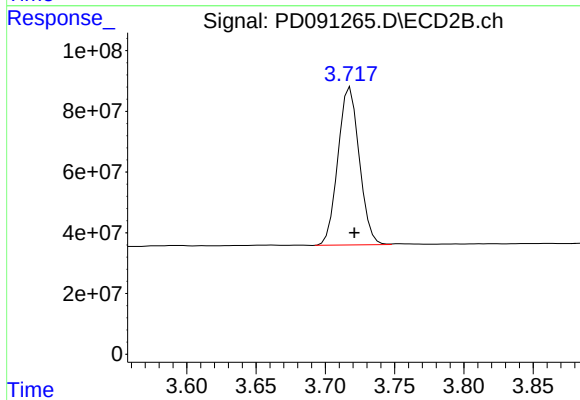
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 598519105
Conc: 9.47 ng/ml



#3 gamma-BHC (Lindane)

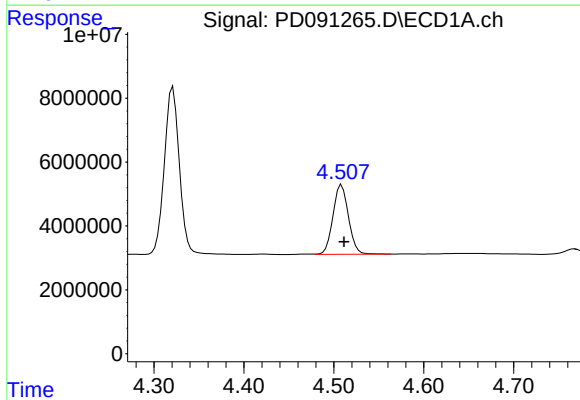
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 60691831
Conc: 8.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



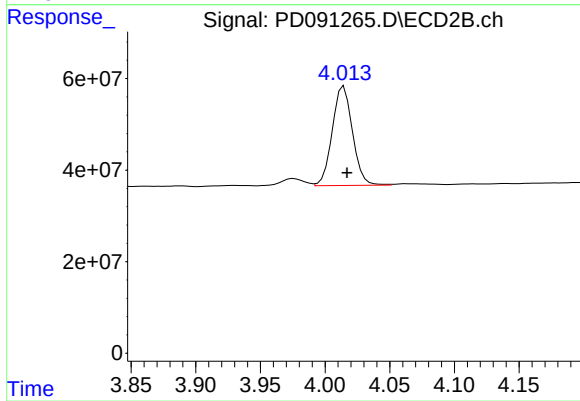
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 557067986
Conc: 9.63 ng/ml



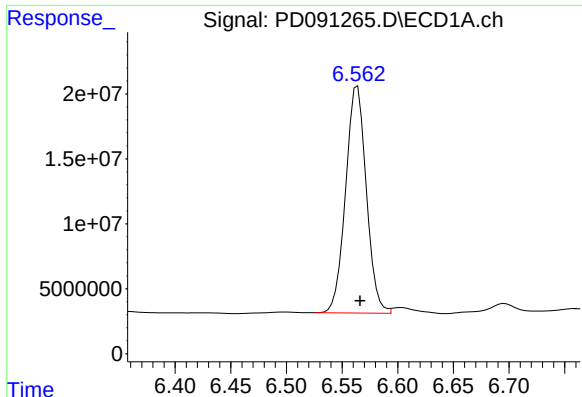
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 26147388
Conc: 9.00 ng/ml



#6 beta-BHC

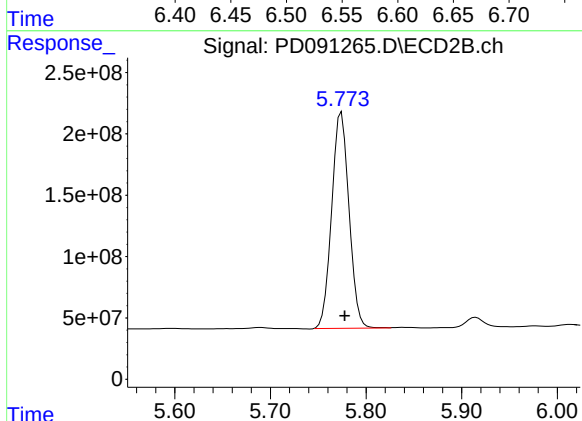
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 235567833
Conc: 9.80 ng/ml



#14 Endrin

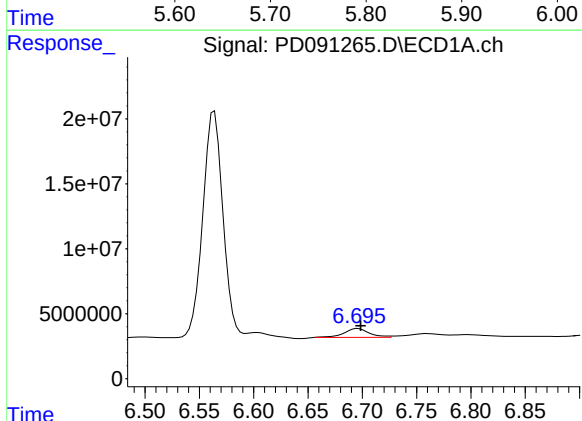
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 226193281
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



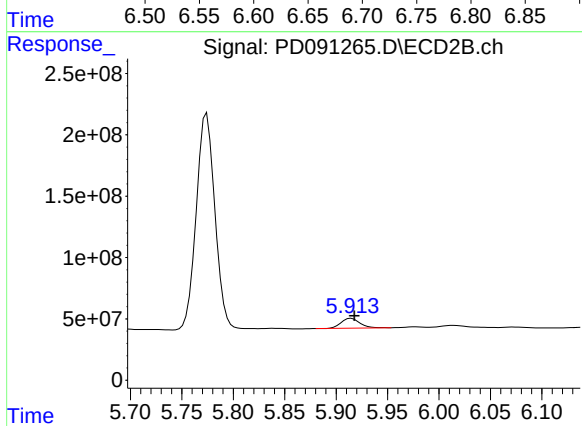
#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 2213078160
Conc: 48.97 ng/ml



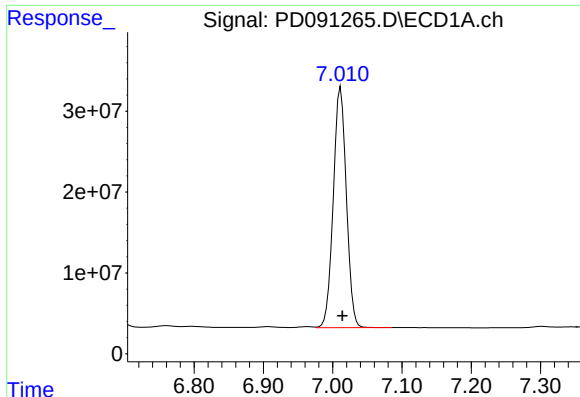
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 11099471
Conc: 2.26 ng/ml



#16 4,4'-DDD

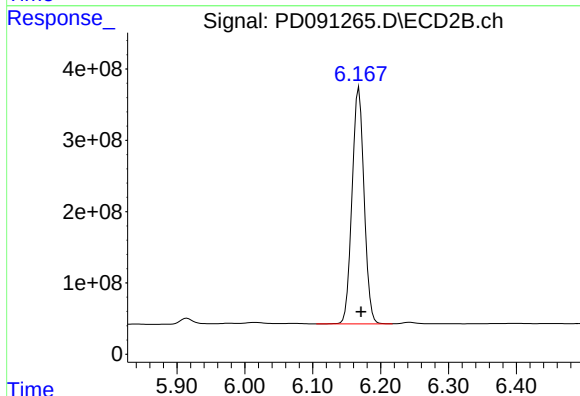
R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 102682633
Conc: 2.10 ng/ml



#17 4,4'-DDT

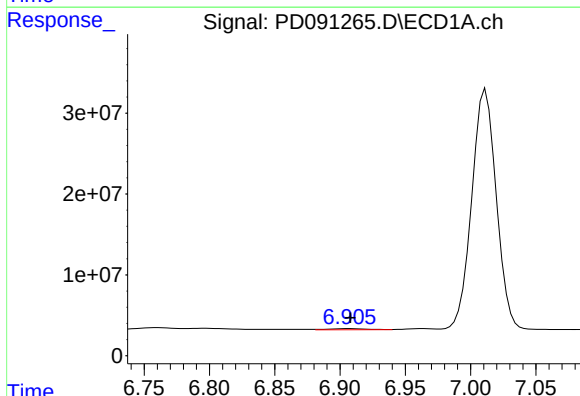
R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 390312353
Conc: 94.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



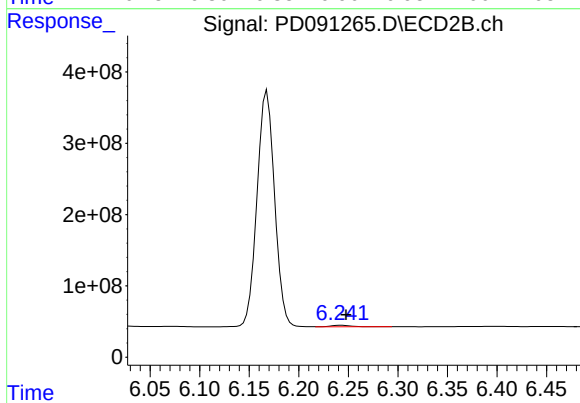
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 4080081387
Conc: 104.26 ng/ml



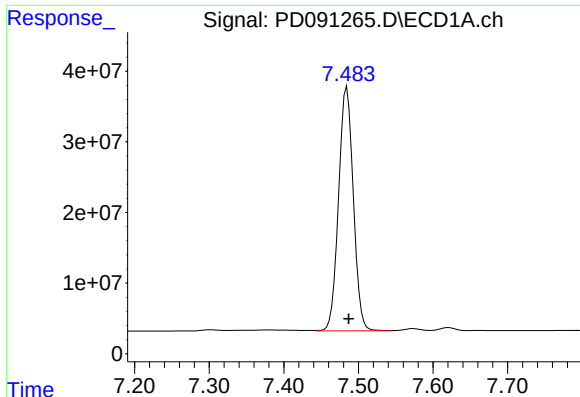
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 2880332
Conc: 0.69 ng/ml



#18 Endrin aldehyde

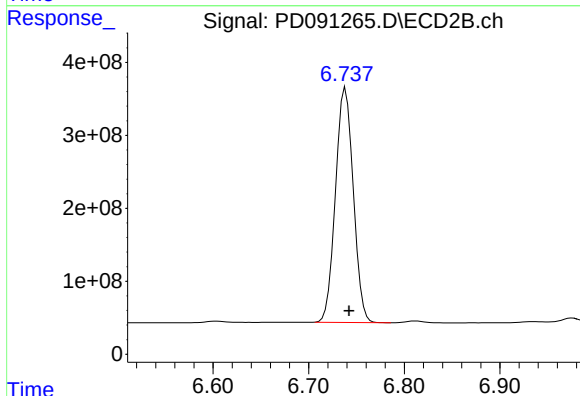
R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 29926204
Conc: 0.85 ng/ml



#20 Methoxychlor

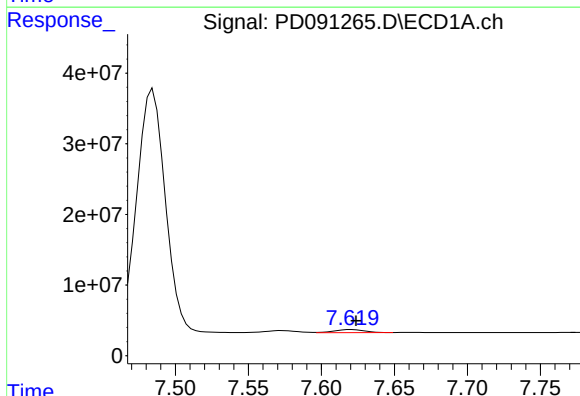
R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 473518529
Conc: 217.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



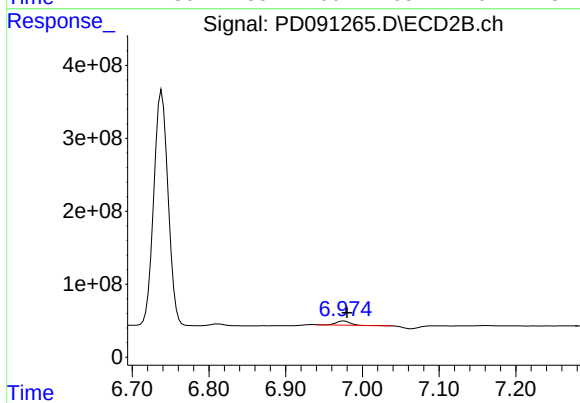
#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 4161738554
Conc: 207.55 ng/ml



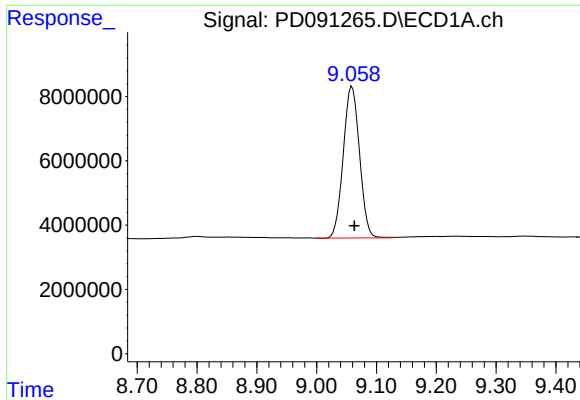
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 6293265
Conc: 1.12 ng/ml



#21 Endrin ketone

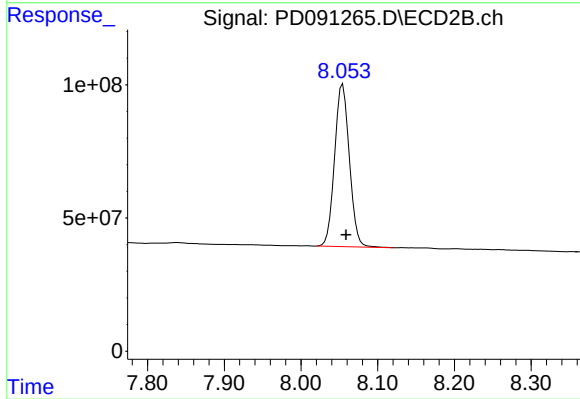
R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 67665077
Conc: 1.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 88950302
Conc: 17.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 816370117
Conc: 20.63 ng/ml

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091402.D Date Analyzed: 12/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:12

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.057	8.960	9.160	18.360	20.000	-8.2
Tetrachloro-m-xylene	3.541	3.490	3.590	19.930	20.000	-0.4
alpha-BHC	3.989	3.940	4.040	8.500	10.000	-15.0
beta-BHC	4.508	4.460	4.560	9.520	10.000	-4.8
gamma-BHC (Lindane)	4.320	4.270	4.370	8.710	10.000	-12.9
Endrin	6.562	6.490	6.630	44.560	50.000	-10.9
4,4'-DDT	7.010	6.940	7.080	85.710	100.000	-14.3
Methoxychlor	7.483	7.410	7.550	194.090	250.000	-22.4

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091402.D Date Analyzed: 12/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:12

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.054	7.950	8.150	18.980	20.000	-5.1
Tetrachloro-m-xylene	2.872	2.820	2.920	21.530	20.000	7.7
alpha-BHC	3.382	3.330	3.430	10.470	10.000	4.7
beta-BHC	4.014	3.960	4.060	10.680	10.000	6.8
gamma-BHC (Lindane)	3.718	3.670	3.770	10.540	10.000	5.4
Endrin	5.774	5.700	5.840	47.270	50.000	-5.5
4,4'-DDT	6.168	6.100	6.240	94.230	100.000	-5.8
Methoxychlor	6.738	6.670	6.810	174.700	250.000	-30.1

PEM
 Data File: PD091402.D Date Acquired 12/1/2025 10:12
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.56	221183170.9	240551897	19368726.1	8.05
Endrin aldehyde	6.91	4250882.098			
Endrin ketone	7.62	15117844.02			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.77	2136079804	2372231543	236151739	9.95
Endrin aldehyde #2	6.24	52101892.91			
Endrin ketone #2	6.98	184049846			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	354446329.2	384181019.6	29734690.3	7.74
4,4'-DDE	6.18	1626437.207			
4,4'-DDD	6.69	28108253.13			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3687309125	4036463346	349154221	8.65
4,4'-DDE #2	5.36	20009064.96			
4,4'-DDD #2	5.91	329145156.2			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 10:12
 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: Dec 02 02:10:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	68736462	788.6E6	19.932	21.528
28)	SA Decachlor...	9.057	8.054	91470029	751.0E6	18.361	18.977
Target Compounds							
2)	A alpha-BHC	3.989	3.382	67971499	661.8E6	8.501	10.472
3)	MA gamma-BHC...	4.320	3.718	65069316	609.3E6	8.707	10.537
6)	B beta-BHC	4.508	4.014	27666021	256.7E6	9.522	10.682
12)	B 4,4'-DDE	6.184	5.361	1626437	20009065	0.280	0.374 #
14)	MA Endrin	6.562	5.774	221.2E6	2136.1E6	44.562	47.266
16)	A 4,4'-DDD	6.694	5.915	28108253	329.1E6	5.723	6.735
17)	MA 4,4'-DDT	7.010	6.168	354.4E6	3687.3E6	85.708	94.226
18)	B Endrin al...	6.905	6.243	4250882	52101893	1.020	1.476 #
20)	A Methoxychlor	7.483	6.738	422.0E6	3503.0E6	194.086	174.699
21)	B Endrin ke...	7.619	6.976	15117844	184.0E6	2.684	3.612 #

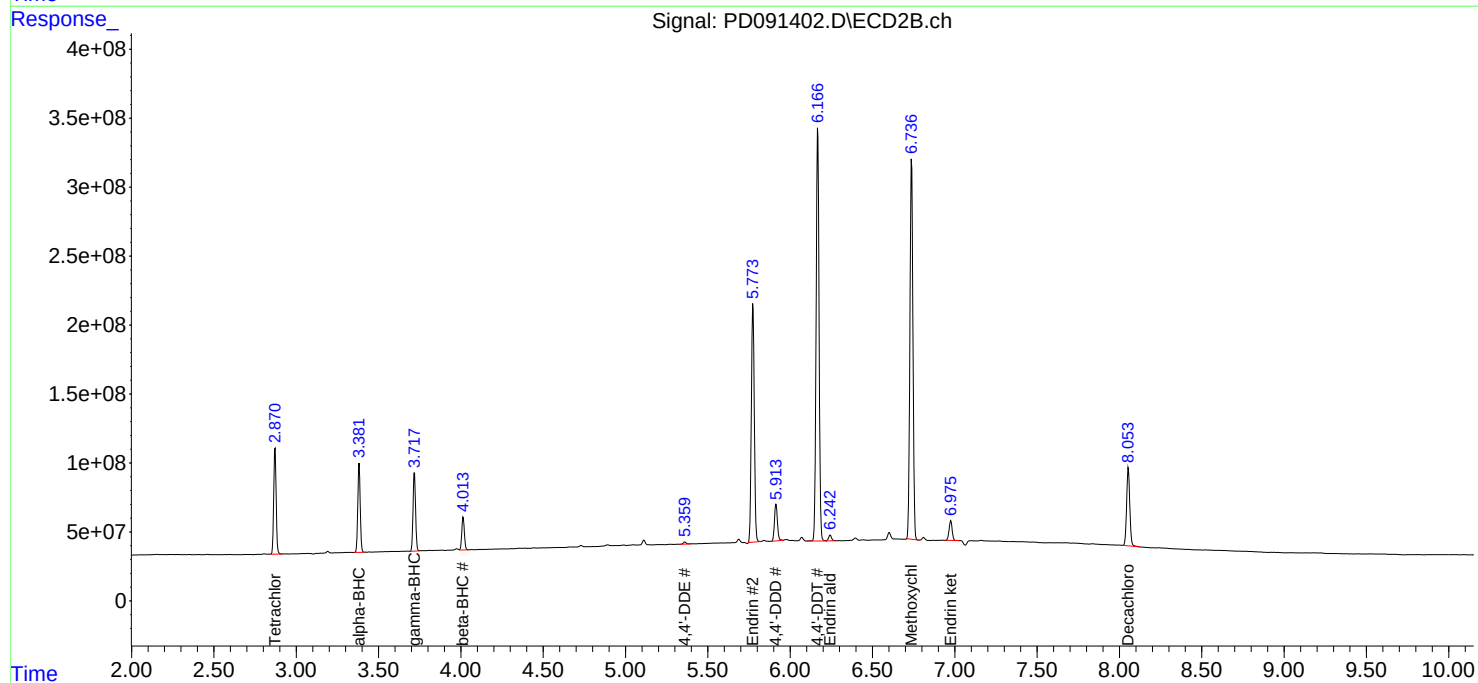
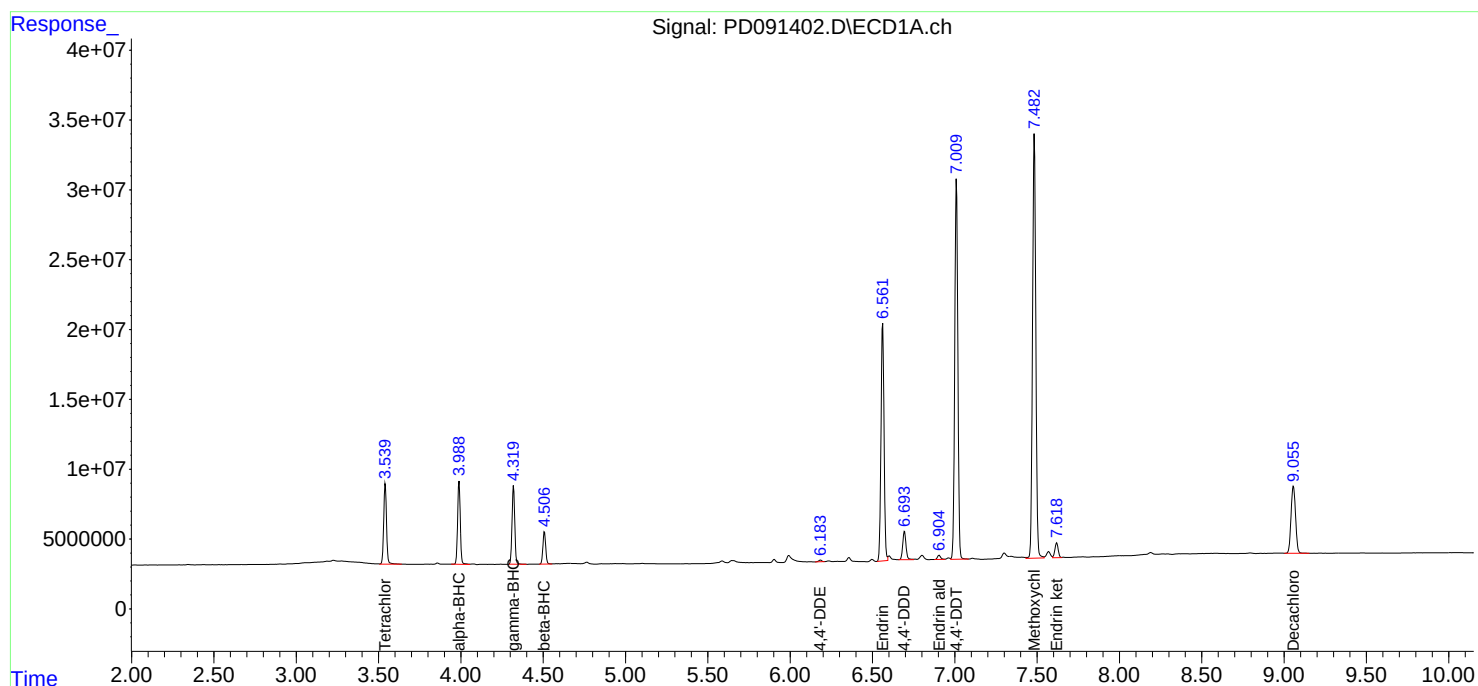
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

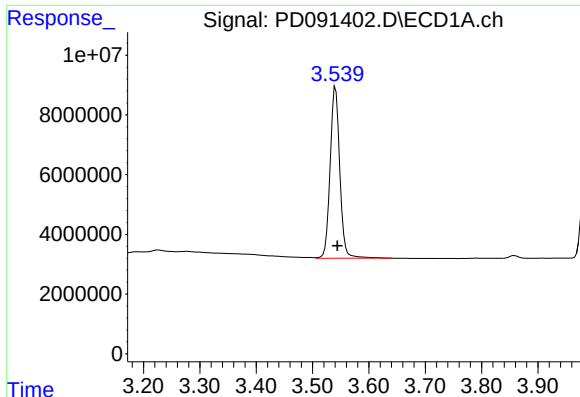
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

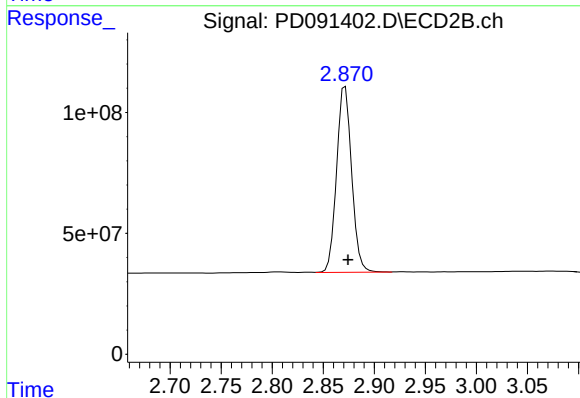




#1 Tetrachloro-m-xylene

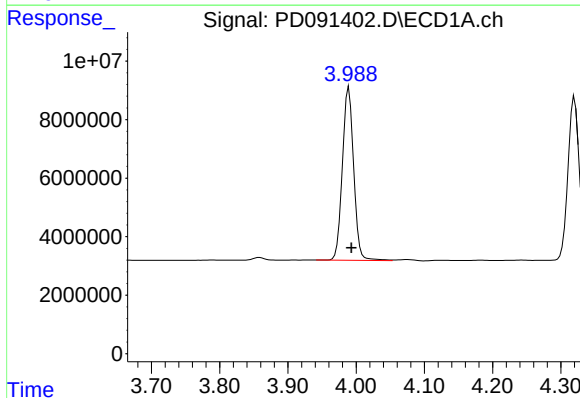
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 68736462
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



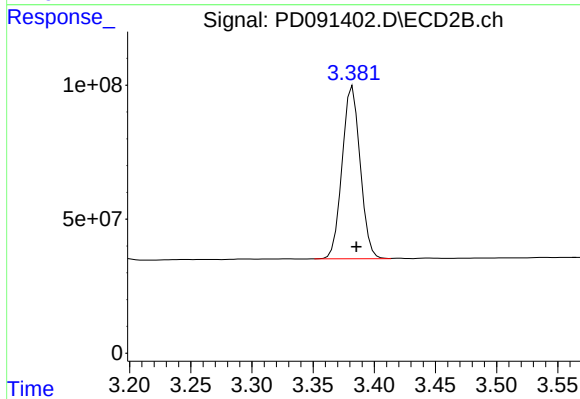
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 788558357
Conc: 21.53 ng/ml



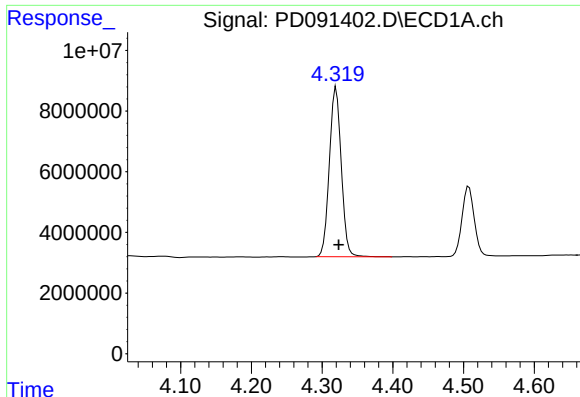
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.004 min
Response: 67971499
Conc: 8.50 ng/ml



#2 alpha-BHC

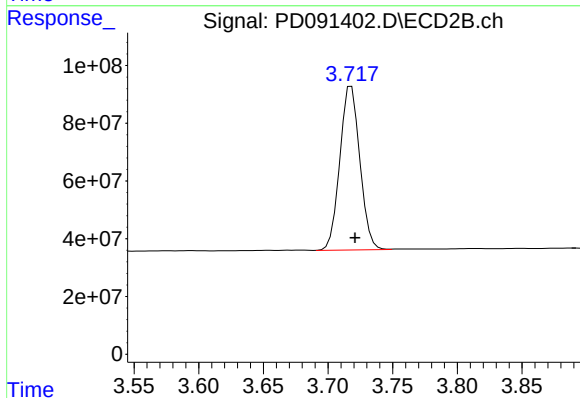
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 661836927
Conc: 10.47 ng/ml



#3 gamma-BHC (Lindane)

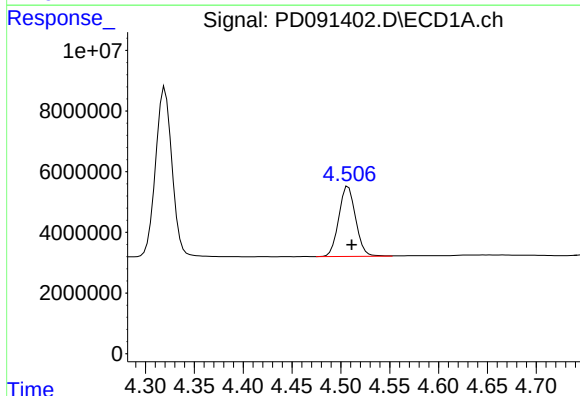
R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 65069316
Conc: 8.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



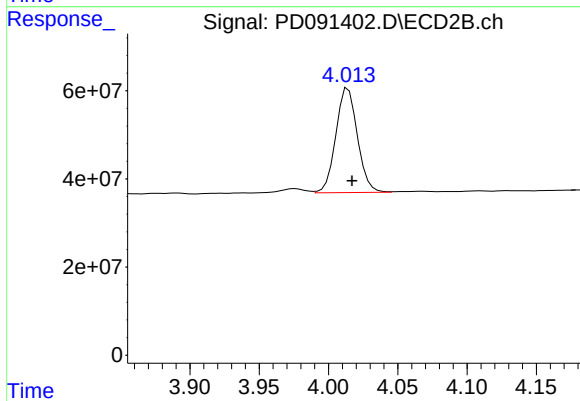
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 609254208
Conc: 10.54 ng/ml



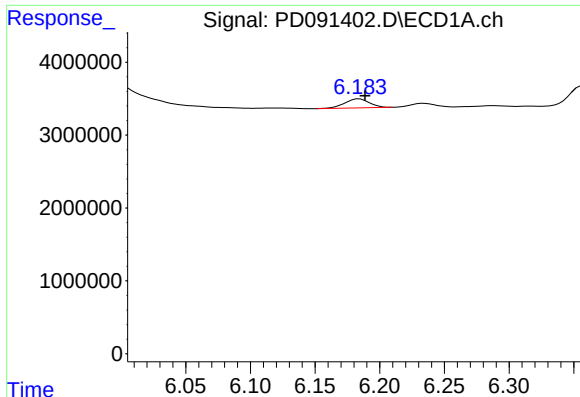
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.004 min
Response: 27666021
Conc: 9.52 ng/ml



#6 beta-BHC

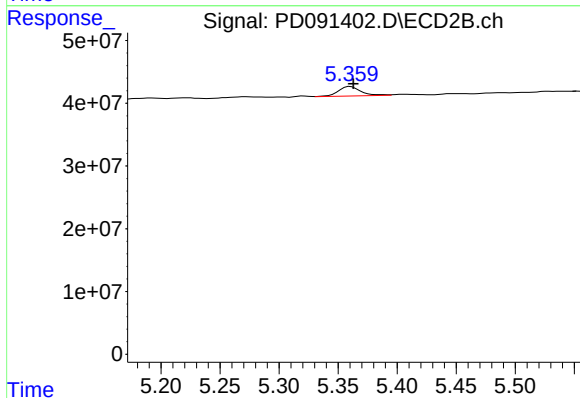
R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 256665878
Conc: 10.68 ng/ml



#12 4,4'-DDE

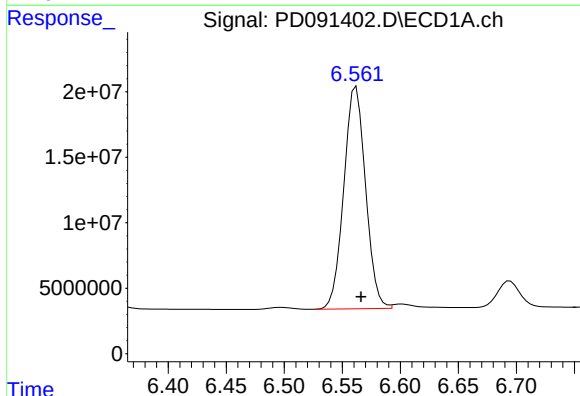
R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 1626437
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



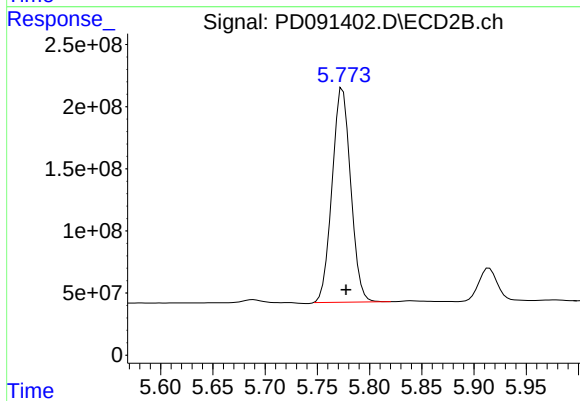
#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 20009065
Conc: 0.37 ng/ml



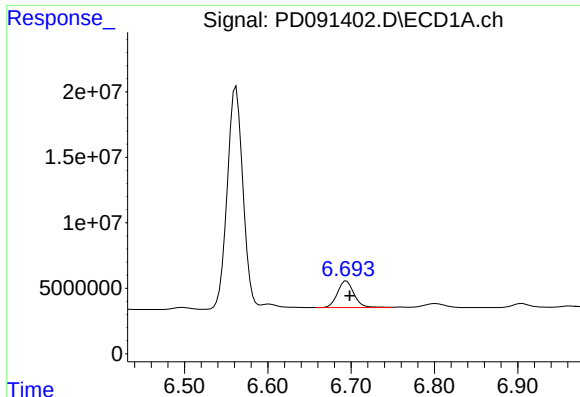
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 221183171
Conc: 44.56 ng/ml



#14 Endrin

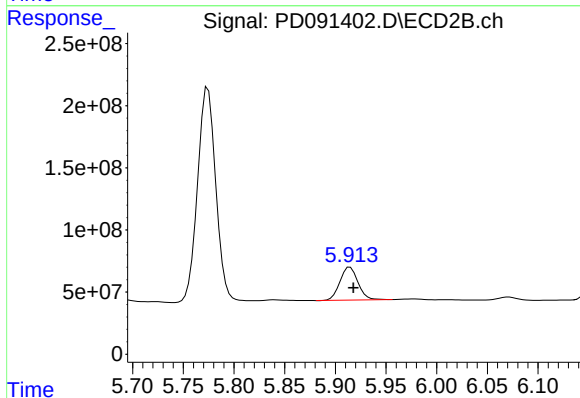
R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 2136079804
Conc: 47.27 ng/ml



#16 4,4'-DDD

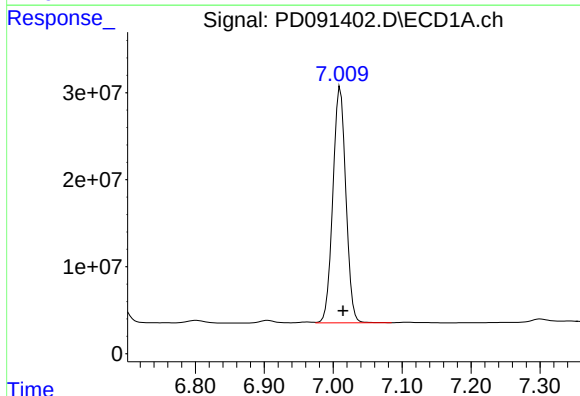
R.T.: 6.694 min
Delta R.T.: -0.004 min
Response: 28108253
Conc: 5.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



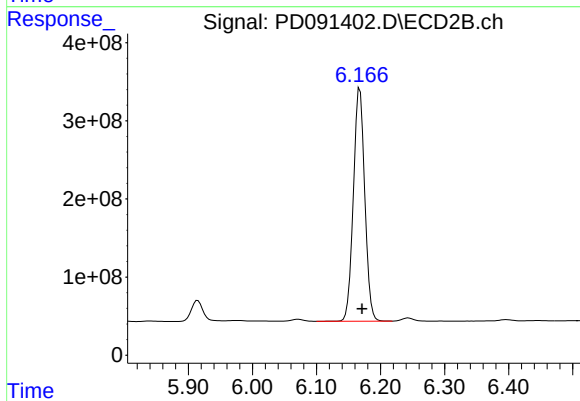
#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 329145156
Conc: 6.74 ng/ml



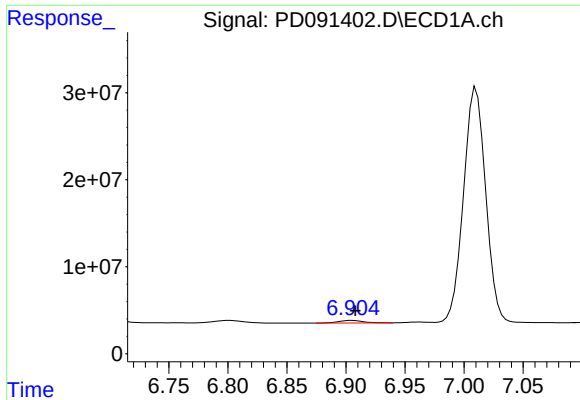
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.004 min
Response: 354446329
Conc: 85.71 ng/ml



#17 4,4'-DDT

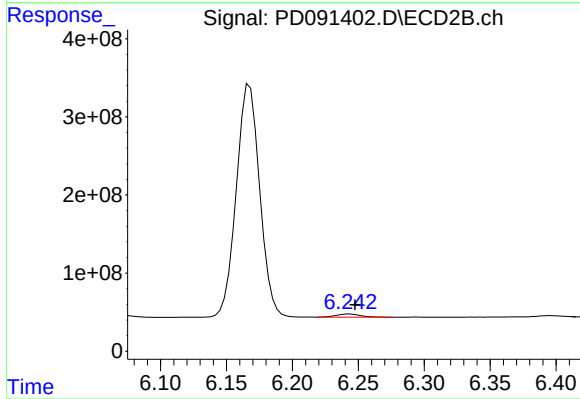
R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 3687309125
Conc: 94.23 ng/ml



#18 Endrin aldehyde

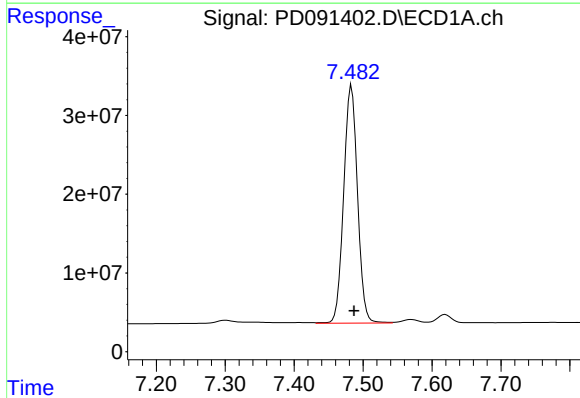
R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 4250882
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



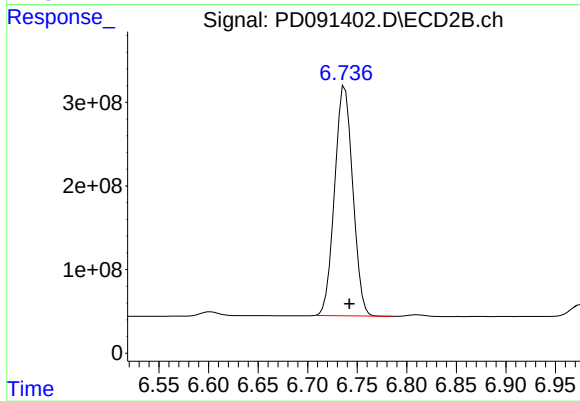
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: -0.004 min
Response: 52101893
Conc: 1.48 ng/ml



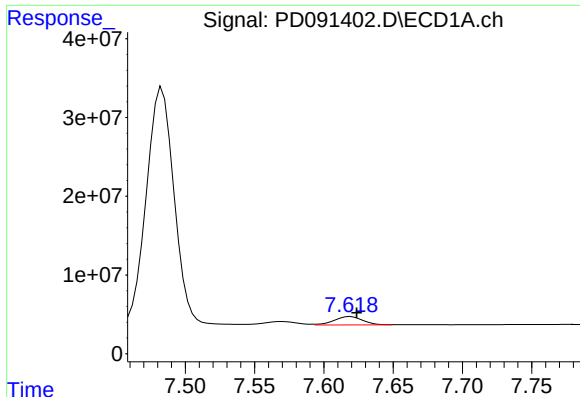
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 422008005
Conc: 194.09 ng/ml



#20 Methoxychlor

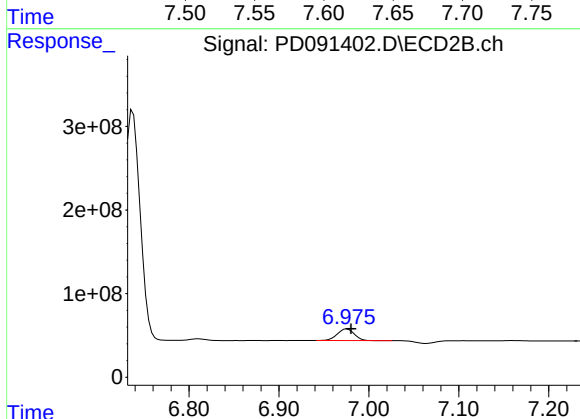
R.T.: 6.738 min
Delta R.T.: -0.005 min
Response: 3502957354
Conc: 174.70 ng/ml



#21 Endrin ketone

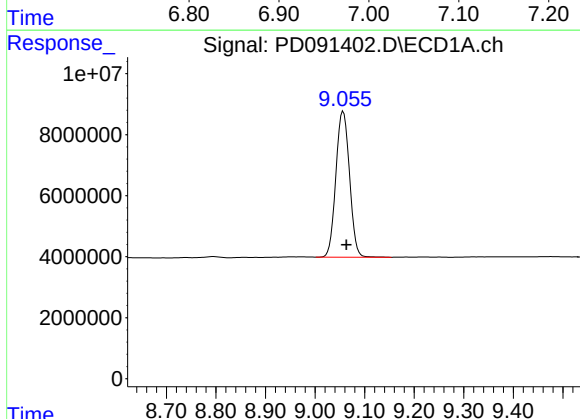
R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 15117844
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



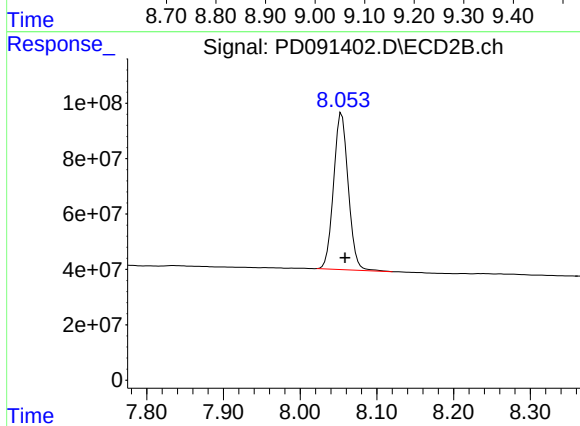
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 184049846
Conc: 3.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.007 min
Response: 91470029
Conc: 18.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.005 min
Response: 751009389
Conc: 18.98 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Title : GC Extractables
Last Update : Sat Nov 15 04:46:13 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.939	100.00%
5.939	6.067	100.00%
6.067	6.189	100.00%
6.189	6.339	100.00%
6.339	7.143	100.00%
7.143	7.487	100.00%
7.487	7.624	100.00%
7.624	9.063	100.00%

Signal #2

2.874	5.114	100.00%
5.114	5.235	100.00%
5.235	5.363	100.00%
5.363	5.501	100.00%
5.501	6.471	100.00%
6.471	6.742	100.00%
6.742	6.980	100.00%
6.980	8.059	100.00%

PD111525.M Sat Nov 15 05:00:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 20:43
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:48:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	59572378	631.9E6	17.274	17.250
28)	SA Decachlor...	9.063	8.059	86552368	667.6E6	17.373	16.869
Target Compounds							
9)	A Endosulfan I	6.067	5.235	45261732	379.7E6	7.368	7.934
10)	B gamma-Chl...	5.939	5.114	49362700	455.8E6	7.593	8.344
12)	B 4,4'-DDE	6.189	5.363	87544052	881.3E6	15.095	16.491
13)	MA Dieldrin	6.339	5.501	96362551	874.4E6	14.905	16.100
19)	B Endosulfa...	7.143	6.471	78876117	723.4E6	15.331	16.134
20)	A Methoxychlor	7.487	6.742	154.5E6	1426.0E6	71.049	71.120
21)	B Endrin ke...	7.624	6.980	80568543	766.5E6	14.302	15.043

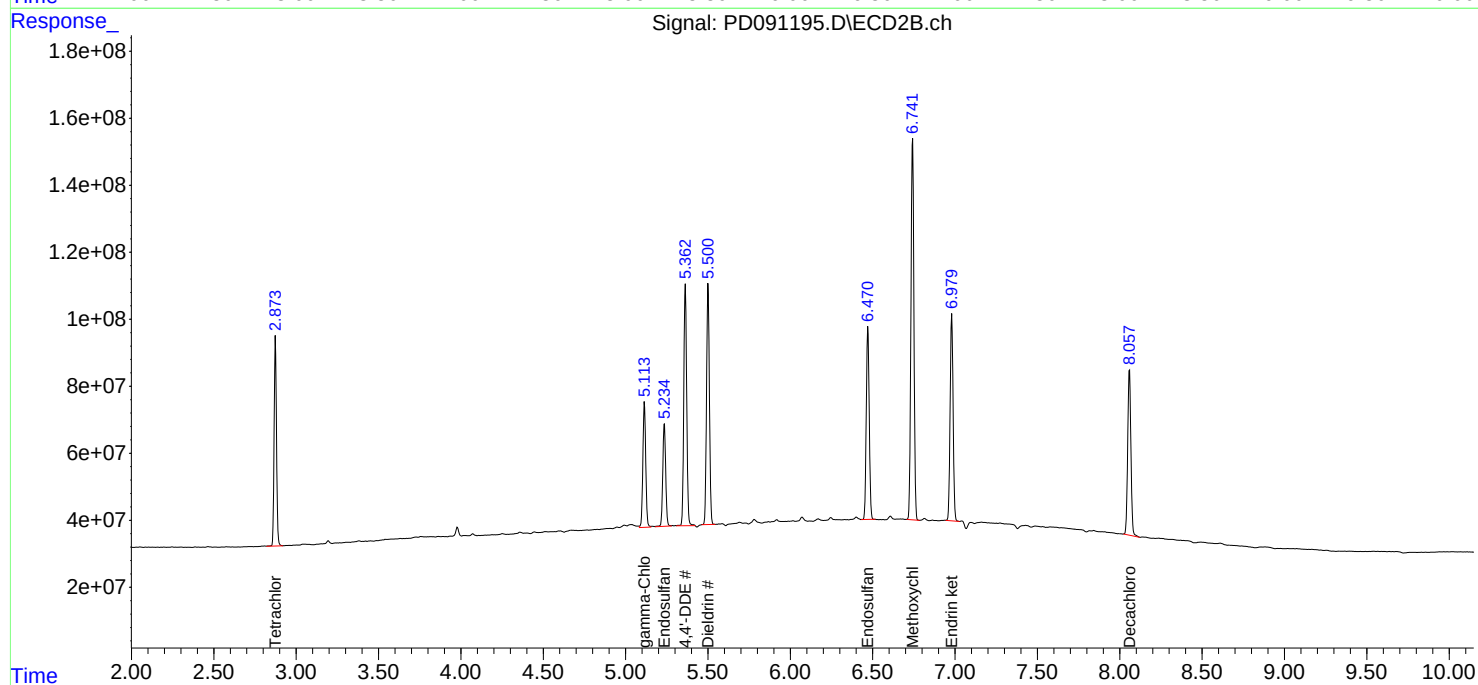
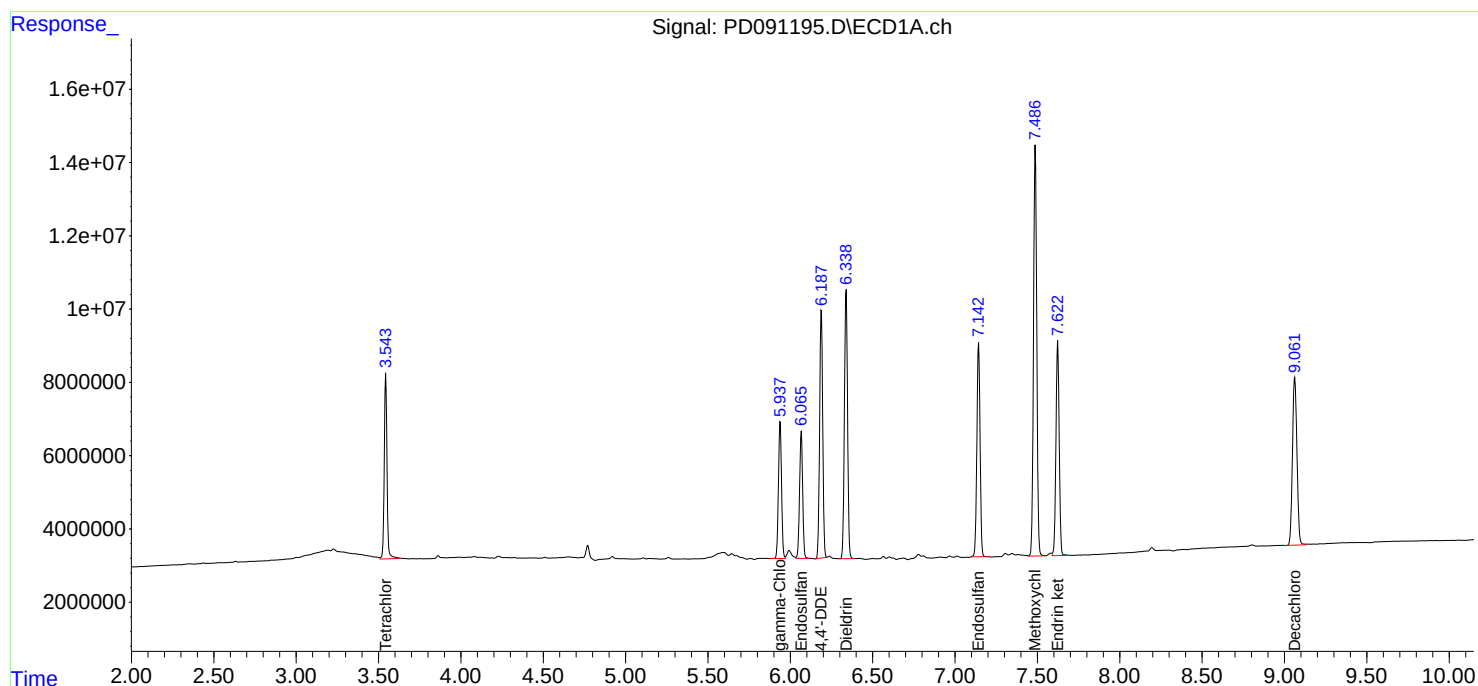
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

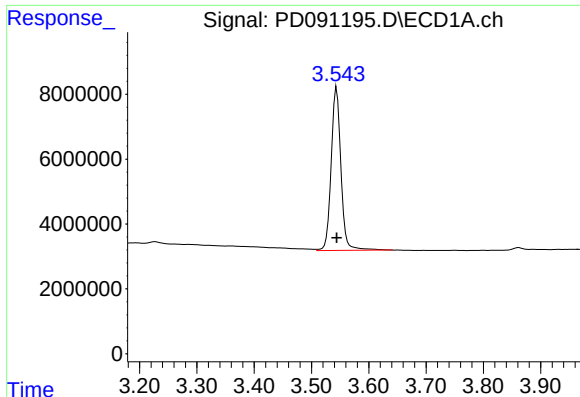
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

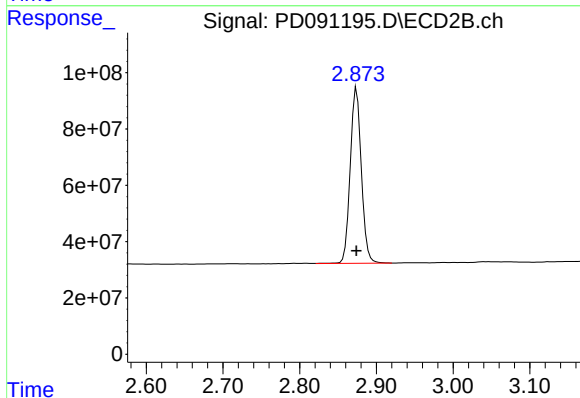




#1 Tetrachloro-m-xylene

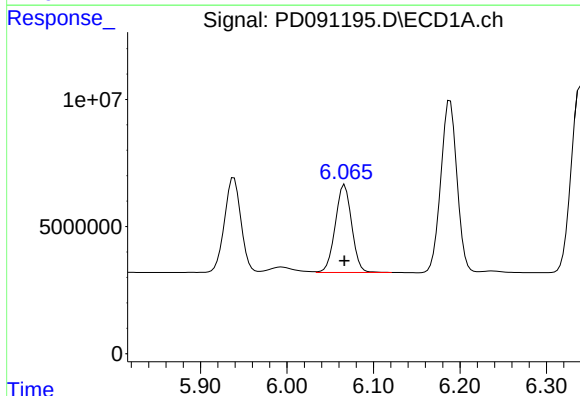
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 59572378
Conc: 17.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK



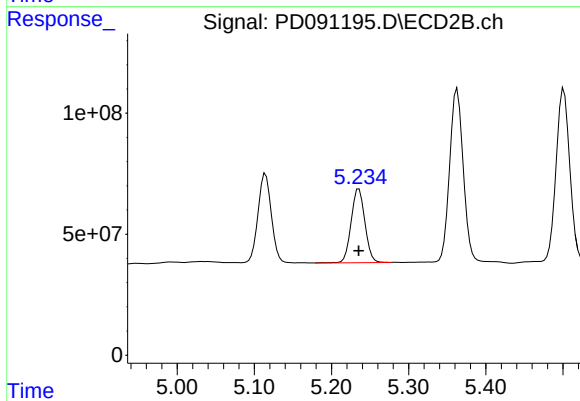
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 631860227
Conc: 17.25 ng/ml



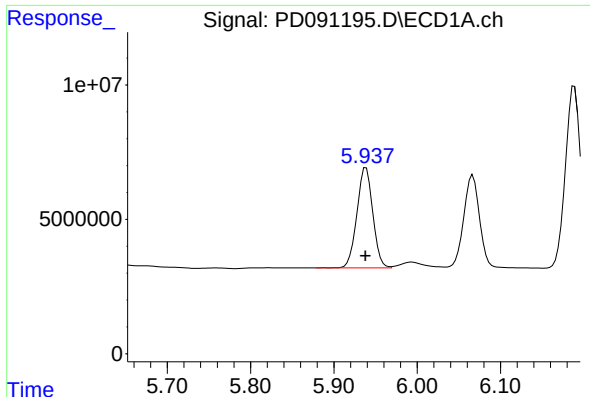
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 45261732
Conc: 7.37 ng/ml



#9 Endosulfan I

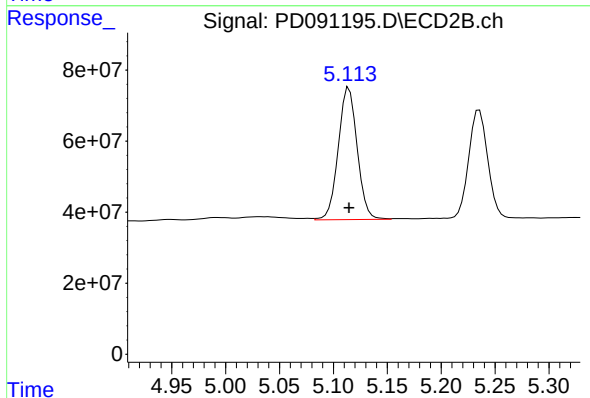
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 379655336
Conc: 7.93 ng/ml



#10 gamma-Chlordane

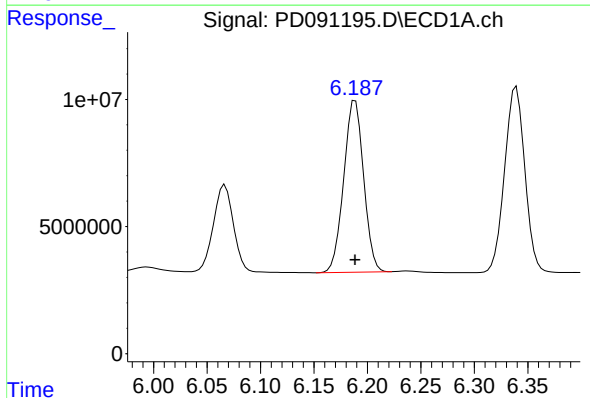
R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 49362700
Conc: 7.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK



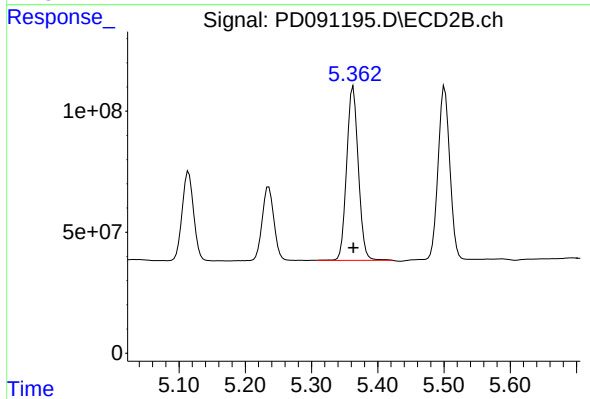
#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 455800863
Conc: 8.34 ng/ml



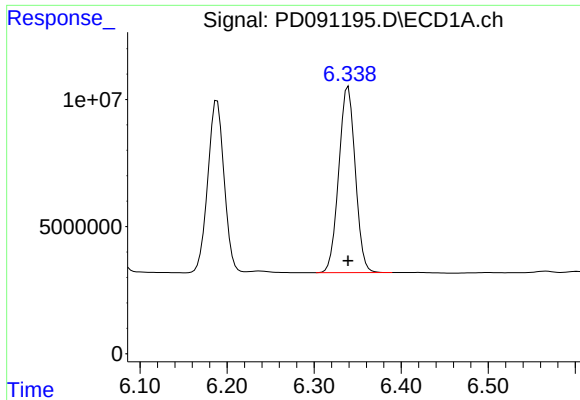
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 87544052
Conc: 15.10 ng/ml



#12 4,4'-DDE

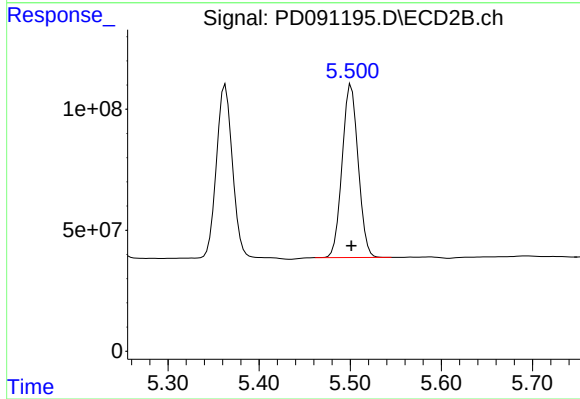
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 881304034
Conc: 16.49 ng/ml



#13 Dieldrin

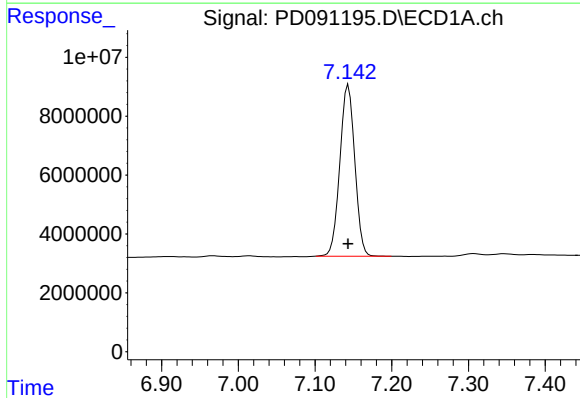
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 96362551
Conc: 14.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK



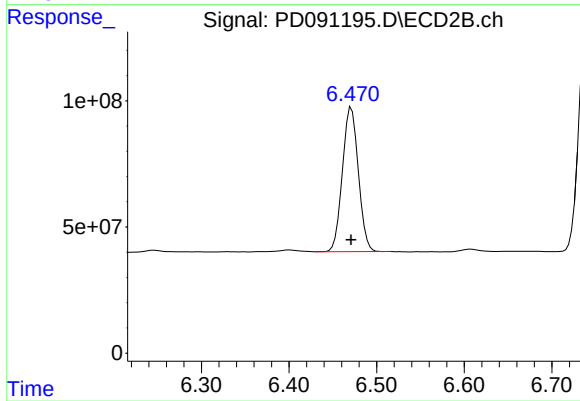
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 874407628
Conc: 16.10 ng/ml



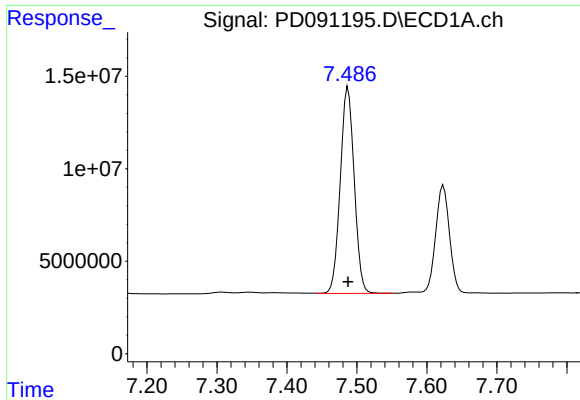
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 78876117
Conc: 15.33 ng/ml



#19 Endosulfan Sulfate

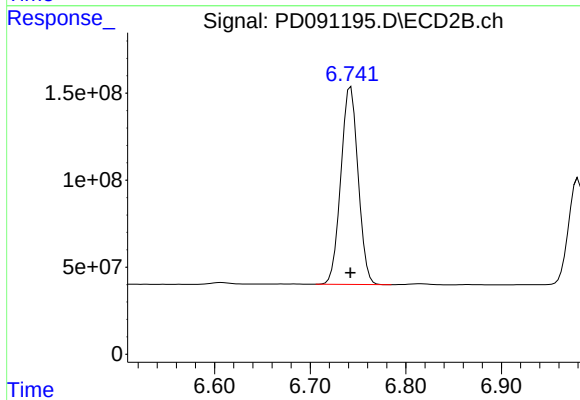
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 723362615
Conc: 16.13 ng/ml



#20 Methoxychlor

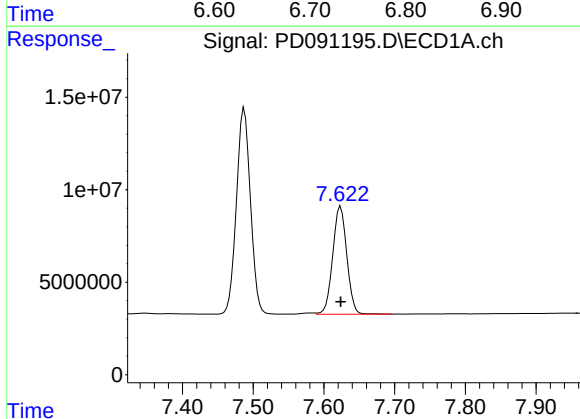
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 154485200
Conc: 71.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK



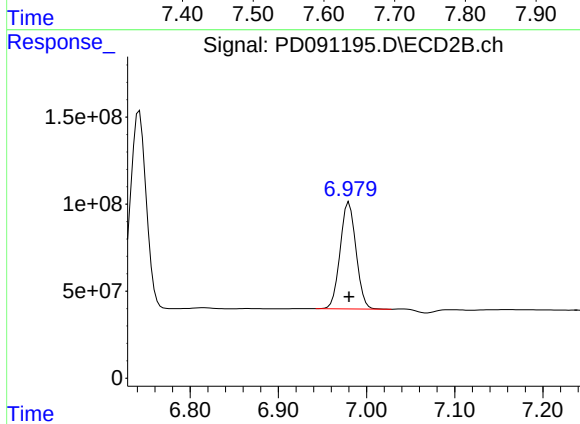
#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1426049974
Conc: 71.12 ng/ml



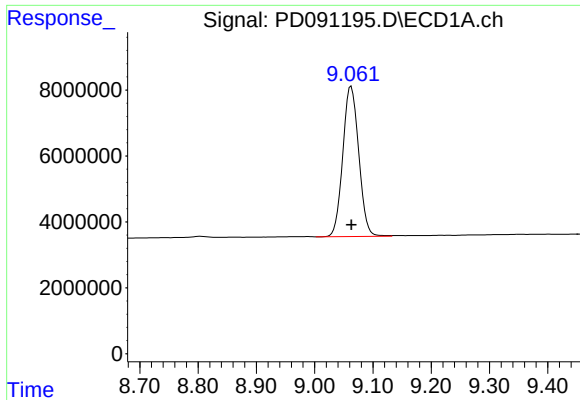
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 80568543
Conc: 14.30 ng/ml



#21 Endrin ketone

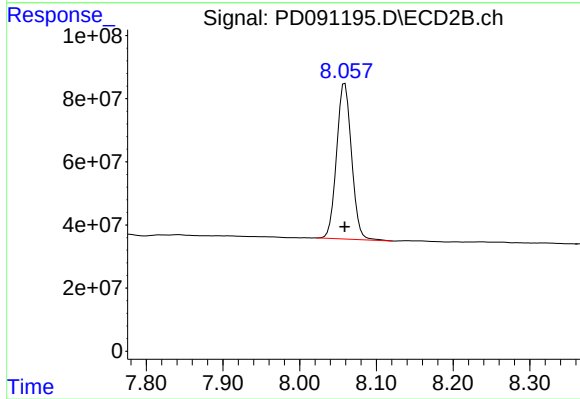
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 766525567
Conc: 15.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 86552368
Conc: 17.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 667574884
Conc: 16.87 ng/ml

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark	SDG No.: Q3483
Project: NJ Soil PT	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 11/14/2025 11/14/2025

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	11/14/2025	20:01	PD091193.D	9.06	3.54
PEM	PEM	11/14/2025	20:15	PD091194.D	9.06	3.54
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	9.06	3.54
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	9.06	3.54
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	9.06	3.54
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	9.06	3.54
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	9.07	3.54
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	9.06	3.54
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	9.06	3.54
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	9.06	3.54
IBLK	IBLK	11/19/2025	09:05	PD091264.D	9.06	3.54
PEM	PEM	11/19/2025	09:19	PD091265.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	12:24	PD091266.D	9.07	3.55
PB170628BL	PB170628BL	11/19/2025	14:07	PD091270.D	9.06	3.54
HW1025-PT-PEST-SOIL	Q3483-20	11/19/2025	14:34	PD091272.D	9.06	3.54
HW1025-PT-PEST-SOILDL	Q3483-20DL	11/19/2025	15:02	PD091274.D	9.06	3.54
IBLK	IBLK	11/19/2025	15:16	PD091275.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	15:55	PD091276.D	9.07	3.55
B3-0.0-1.0-20251117MS	Q3662-02MS	11/19/2025	16:37	PD091279.D	9.06	3.54
B3-0.0-1.0-20251117MSD	Q3662-02MSD	11/19/2025	16:51	PD091280.D	9.06	3.54
IBLK	IBLK	11/19/2025	17:59	PD091285.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	18:40	PD091287.D	9.06	3.54
IBLK	IBLK	12/01/2025	09:59	PD091401.D	9.06	3.54
PEM	PEM	12/01/2025	10:12	PD091402.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/01/2025	10:26	PD091403.D	9.06	3.54
PB170628BS	PB170628BS	12/01/2025	12:10	PD091404.D	9.07	3.55
IBLK	IBLK	12/01/2025	14:21	PD091413.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/01/2025	15:11	PD091414.D	9.07	3.55

Analytical Sequence

Client: Alliance Technical Group, LLC - Newark	SDG No.: Q3483
Project: NJ Soil PT	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/14/2025 11/14/2025

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	11/14/2025	20:01	PD091193.D	8.06	2.88
PEM	PEM	11/14/2025	20:15	PD091194.D	8.06	2.87
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	8.06	2.87
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	8.06	2.87
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	8.06	2.87
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	8.06	2.87
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	8.06	2.87
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	8.06	2.87
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	8.06	2.87
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	8.06	2.87
IBLK	IBLK	11/19/2025	09:05	PD091264.D	8.06	2.87
PEM	PEM	11/19/2025	09:19	PD091265.D	8.05	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	12:24	PD091266.D	8.06	2.87
PB170628BL	PB170628BL	11/19/2025	14:07	PD091270.D	8.06	2.87
HW1025-PT-PEST-SOIL	Q3483-20	11/19/2025	14:34	PD091272.D	8.05	2.87
HW1025-PT-PEST-SOILDL	Q3483-20DL	11/19/2025	15:02	PD091274.D	8.06	2.87
IBLK	IBLK	11/19/2025	15:16	PD091275.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	15:55	PD091276.D	8.06	2.87
B3-0.0-1.0-20251117MS	Q3662-02MS	11/19/2025	16:37	PD091279.D	8.06	2.87
B3-0.0-1.0-20251117MSD	Q3662-02MSD	11/19/2025	16:51	PD091280.D	8.05	2.87
IBLK	IBLK	11/19/2025	17:59	PD091285.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	18:40	PD091287.D	8.06	2.87
IBLK	IBLK	12/01/2025	09:59	PD091401.D	8.05	2.87
PEM	PEM	12/01/2025	10:12	PD091402.D	8.05	2.87
PSTDCCC050	PSTDCCC050	12/01/2025	10:26	PD091403.D	8.05	2.87
PB170628BS	PB170628BS	12/01/2025	12:10	PD091404.D	8.06	2.87
IBLK	IBLK	12/01/2025	14:21	PD091413.D	8.05	2.87
PSTDCCC050	PSTDCCC050	12/01/2025	15:11	PD091414.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3662-02MS

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan II	1	6.78	6.73	6.83	15.0	1.3
	2	6.07	6.02	6.12	15.2	
4,4'-DDD	1	6.70	6.65	6.75	14.4	11
	2	5.92	5.87	5.97	12.9	
4,4'-DDT	1	7.01	6.96	7.06	8.40	8
	2	6.17	6.12	6.22	9.10	
Endrin aldehyde	1	6.91	6.86	6.96	6.40	1.6
	2	6.25	6.20	6.30	6.30	
Endosulfan sulfate	1	7.14	7.09	7.19	11.8	4.3
	2	6.47	6.42	6.52	11.3	
Methoxychlor	1	7.49	7.44	7.54	8.20	5
	2	6.74	6.69	6.79	7.80	
Endrin ketone	1	7.62	7.57	7.67	9.40	6.6
	2	6.98	6.93	7.03	8.80	
alpha-BHC	1	3.99	3.94	4.04	16.3	2.4
	2	3.38	3.33	3.43	16.7	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.7	0.6
	2	3.72	3.67	3.77	15.8	
Heptachlor	1	4.92	4.87	4.97	9.20	6.3
	2	4.07	4.02	4.12	9.80	
Aldrin	1	5.26	5.21	5.31	17.4	2.8
	2	4.36	4.31	4.41	17.9	
beta-BHC	1	4.51	4.46	4.56	17.2	2.9
	2	4.02	3.97	4.07	17.7	
delta-BHC	1	4.76	4.71	4.81	14.0	0
	2	4.25	4.20	4.30	14.0	
Heptachlor epoxide	1	5.68	5.63	5.73	17.1	1.7
	2	4.86	4.81	4.91	17.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3662-02MS

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan I	1	6.06	6.01	6.11	15.2	3.3
	2	5.23	5.18	5.28	14.7	
gamma-Chlordane	1	5.93	5.88	5.98	17.9	13.5
	2	5.11	5.06	5.16	20.5	
alpha-Chlordane	1	6.02	5.97	6.07	18.0	0.6
	2	5.18	5.13	5.23	18.1	
4,4'-DDE	1	6.19	6.14	6.24	17.5	3.4
	2	5.36	5.31	5.41	18.1	
Dieldrin	1	6.34	6.29	6.39	16.7	6.4
	2	5.50	5.45	5.55	17.8	
Endrin	1	6.56	6.51	6.61	17.4	7.1
	2	5.78	5.73	5.83	16.2	
Mirex	1	8.10	8.05	8.15	15.8	7.2
	2	7.17	7.12	7.22	14.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MSD

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3662-02MSD

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan II	1	6.78	6.73	6.83	16.2	0.6
	2	6.07	6.02	6.12	16.3	
4,4'-DDD	1	6.70	6.65	6.75	15.5	10.2
	2	5.92	5.87	5.97	14.0	
4,4'-DDT	1	7.01	6.96	7.06	11.6	0.9
	2	6.17	6.12	6.22	11.5	
Endrin aldehyde	1	6.91	6.86	6.96	10.0	1
	2	6.25	6.20	6.30	9.90	
Endosulfan sulfate	1	7.14	7.09	7.19	14.2	4.3
	2	6.47	6.42	6.52	13.6	
Methoxychlor	1	7.48	7.43	7.53	10.2	7.1
	2	6.74	6.69	6.79	9.50	
Endrin ketone	1	7.62	7.57	7.67	13.4	12.7
	2	6.98	6.93	7.03	11.8	
alpha-BHC	1	3.99	3.94	4.04	17.6	1.7
	2	3.38	3.33	3.43	17.9	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.2	0.6
	2	3.72	3.67	3.77	17.3	
Heptachlor	1	4.92	4.87	4.97	10.3	6.6
	2	4.07	4.02	4.12	11.0	
Aldrin	1	5.26	5.21	5.31	17.5	2.8
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	17.2	4.5
	2	4.02	3.97	4.07	18.0	
delta-BHC	1	4.76	4.71	4.81	16.7	0
	2	4.25	4.20	4.30	16.7	
Heptachlor epoxide	1	5.68	5.63	5.73	16.9	4.1
	2	4.86	4.81	4.91	17.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MSD

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3662-02MSD

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan I	1	6.06	6.01	6.11	16.4	3.1
	2	5.23	5.18	5.28	15.9	
gamma-Chlordane	1	5.93	5.88	5.98	17.5	14.3
	2	5.11	5.06	5.16	20.2	
alpha-Chlordane	1	6.02	5.97	6.07	17.6	2.8
	2	5.18	5.13	5.23	18.1	
4,4'-DDE	1	6.19	6.14	6.24	17.1	4
	2	5.36	5.31	5.41	17.8	
Dieldrin	1	6.34	6.29	6.39	16.9	4.6
	2	5.50	5.45	5.55	17.7	
Endrin	1	6.56	6.51	6.61	17.7	5.8
	2	5.78	5.73	5.83	16.7	
Mirex	1	8.10	8.05	8.15	15.5	7.4
	2	7.17	7.12	7.22	14.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW1025-PT-PEST-SOIL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3483-20

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan II	1	6.78	6.73	6.83	72.2	14.9
	2	6.07	6.02	6.12	62.2	
4,4'-DDD	1	6.70	6.65	6.75	291	52.5
	2	5.92	5.87	5.97	170	
4,4'-DDT	1	7.01	6.96	7.06	115	12
	2	6.17	6.12	6.22	102	
Endrin aldehyde	1	6.91	6.86	6.96	149	19.9
	2	6.25	6.20	6.30	122	
Endosulfan sulfate	1	7.14	7.09	7.19	190	43.6
	2	6.47	6.42	6.52	122	
Methoxychlor	1	7.48	7.43	7.53	47.9	6.7
	2	6.74	6.69	6.79	44.8	
Endrin ketone	1	7.62	7.57	7.67	245	54.5
	2	6.98	6.93	7.03	140	
alpha-BHC	1	3.99	3.94	4.04	154	29.9
	2	3.39	3.34	3.44	114	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	286	40.8
	2	3.72	3.67	3.77	189	
Heptachlor	1	4.92	4.87	4.97	131	42.4
	2	4.07	4.02	4.12	85.2	
Aldrin	1	5.26	5.21	5.31	292	64.3
	2	4.36	4.31	4.41	150	
beta-BHC	1	4.51	4.46	4.56	42.4	2.1
	2	4.02	3.97	4.07	43.3	
delta-BHC	1	4.76	4.71	4.81	233	56.7
	2	4.26	4.21	4.31	130	
Heptachlor epoxide	1	5.68	5.63	5.73	62.2	11.2
	2	4.86	4.81	4.91	55.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW1025-PT-PEST-SOIL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3483-20

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan I	1	6.06	6.01	6.11	36.6	11
	2	5.23	5.18	5.28	32.8	
gamma-Chlordane	1	5.94	5.89	5.99	297	52.2
	2	5.12	5.07	5.17	174	
alpha-Chlordane	1	6.02	5.97	6.07	169	19.5
	2	5.18	5.13	5.23	139	
4,4'-DDE	1	6.19	6.14	6.24	198	32.9
	2	5.36	5.31	5.41	142	
Dieldrin	1	6.34	6.29	6.39	109	22.2
	2	5.50	5.45	5.55	87.2	
Endrin	1	6.56	6.51	6.61	152	60.5
	2	5.78	5.73	5.83	81.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW1025-PT-PEST-SOILDL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3483-20DL

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
gamma-Chlordane	1	5.94	5.89	5.99	236	0.9
	2	5.11	5.06	5.16	234	
Endrin	1	6.56	6.51	6.61	121	5.1
	2	5.78	5.73	5.83	115	
4,4'-DDD	1	6.70	6.65	6.75	231	11.9
	2	5.92	5.87	5.97	205	
4,4'-DDT	1	7.01	6.96	7.06	87.4	2.3
	2	6.17	6.12	6.22	85.4	
alpha-BHC	1	3.99	3.94	4.04	125	5.4
	2	3.38	3.33	3.43	132	
Aldrin	1	5.26	5.21	5.31	253	0.8
	2	4.36	4.31	4.41	251	
beta-BHC	1	4.51	4.46	4.56	45.1	9.5
	2	4.02	3.97	4.07	49.6	
delta-BHC	1	4.76	4.71	4.81	186	1.1
	2	4.25	4.20	4.30	184	
Endosulfan I	1	6.06	6.01	6.11	33.8	9
	2	5.23	5.18	5.28	37.0	
alpha-Chlordane	1	6.02	5.97	6.07	143	6.1
	2	5.18	5.13	5.23	152	
4,4'-DDE	1	6.19	6.14	6.24	158	1.3
	2	5.36	5.31	5.41	156	
Dieldrin	1	6.34	6.29	6.39	90.0	3.3
	2	5.50	5.45	5.55	93.0	
Endosulfan II	1	6.78	6.73	6.83	65.6	5.2
	2	6.07	6.02	6.12	62.3	
Endrin aldehyde	1	6.91	6.86	6.96	137	6.8
	2	6.25	6.20	6.30	128	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

HW1025-PT-PEST-SOILDL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: Q3483-20DL

Date(s) Analyzed: 11/19/2025 11/19/2025

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		
Endosulfan sulfate	1	7.14	7.09	7.19	164	10.9
	2	6.47	6.42	6.52	147	
Methoxychlor	1	7.49	7.44	7.54	45.2	9.5
	2	6.74	6.69	6.79	41.1	
Endrin ketone	1	7.62	7.57	7.67	210	22.8
	2	6.98	6.93	7.03	167	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	233	1.3
	2	3.72	3.67	3.77	230	
Heptachlor	1	4.92	4.87	4.97	113	7.7
	2	4.07	4.02	4.12	122	
Heptachlor epoxide	1	5.68	5.63	5.73	57.3	8.4
	2	4.86	4.81	4.91	62.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170628BS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: PB170628BS

Date(s) Analyzed: 12/01/2025 12/01/2025

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		
4,4'-DDD	1	6.70	6.65	6.75	15.2	2.6
	2	5.92	5.87	5.97	15.6	
4,4'-DDE	1	6.19	6.14	6.24	15.8	3.7
	2	5.36	5.31	5.41	16.4	
4,4'-DDT	1	7.02	6.97	7.07	14.6	7.3
	2	6.17	6.12	6.22	15.7	
alpha-BHC	1	4.00	3.95	4.05	15.7	5
	2	3.38	3.33	3.43	16.5	
Aldrin	1	5.27	5.22	5.32	15.5	6.9
	2	4.36	4.31	4.41	16.6	
alpha-Chlordane	1	6.03	5.98	6.08	14.8	11.5
	2	5.18	5.13	5.23	16.6	
Endosulfan II	1	6.79	6.74	6.84	15.4	6.3
	2	6.07	6.02	6.12	16.4	
Endosulfan sulfate	1	7.15	7.10	7.20	15.2	6.4
	2	6.47	6.42	6.52	16.2	
beta-BHC	1	4.52	4.47	4.57	15.2	6.4
	2	4.02	3.97	4.07	16.2	
delta-BHC	1	4.77	4.72	4.82	15.5	3.2
	2	4.25	4.20	4.30	16.0	
Endosulfan I	1	6.07	6.02	6.12	15.6	6.2
	2	5.23	5.18	5.28	16.6	
Dieldrin	1	6.34	6.29	6.39	15.8	3.1
	2	5.50	5.45	5.55	16.3	
Endrin aldehyde	1	6.91	6.86	6.96	15.5	6.3
	2	6.25	6.20	6.30	16.5	
Methoxychlor	1	7.49	7.44	7.54	13.2	0.8
	2	6.74	6.69	6.79	13.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170628BS

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab Sample ID: PB170628BS

Date(s) Analyzed: 12/01/2025 12/01/2025

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		
Endrin ketone	1	7.63	7.58	7.68	15.9	3.7
	2	6.98	6.93	7.03	16.5	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.7	4.4
	2	3.72	3.67	3.77	16.4	
Heptachlor	1	4.93	4.88	4.98	15.1	0
	2	4.07	4.02	4.12	15.1	
Heptachlor epoxide	1	5.69	5.64	5.74	15.5	6.3
	2	4.86	4.81	4.91	16.5	
gamma-Chlordane	1	5.94	5.89	5.99	15.9	5.5
	2	5.11	5.06	5.16	16.8	
Endrin	1	6.57	6.52	6.62	14.1	2.1
	2	5.78	5.73	5.83	14.4	
Mirex	1	8.11	8.06	8.16	14.4	5.4
	2	7.17	7.12	7.22	15.2	



QC SAMPLE DATA



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

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: PB170628BL
Lab Sample ID: PB170628BL
Analytical Method: 8081B
Sample Wt/Vol: 30.02 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected:
Date Received:
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: PESTICIDE Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	11/19/25 14:07	PB170628
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	11/19/25 14:07	PB170628
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	11/19/25 14:07	PB170628
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	11/19/25 14:07	PB170628
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	11/19/25 14:07	PB170628
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	11/19/25 14:07	PB170628
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	11/19/25 14:07	PB170628
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	11/19/25 14:07	PB170628
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	11/19/25 14:07	PB170628
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	11/19/25 14:07	PB170628
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	11/19/25 14:07	PB170628
2385-85-5	Mirex	0.17	U	1	0.17	1.70	ug/kg	11/19/25 14:07	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.3			10 - 143	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.4			10 - 131	92%	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

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\PD111925\
Data File : PD091270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:07
Operator : AR\AJ
Sample : PB170628BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170628BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	59182749	672.4E6	17.161	18.356
2)	SA Decachlor...	9.059	8.056	88790088	765.1E6	17.823	19.333

Target Compounds

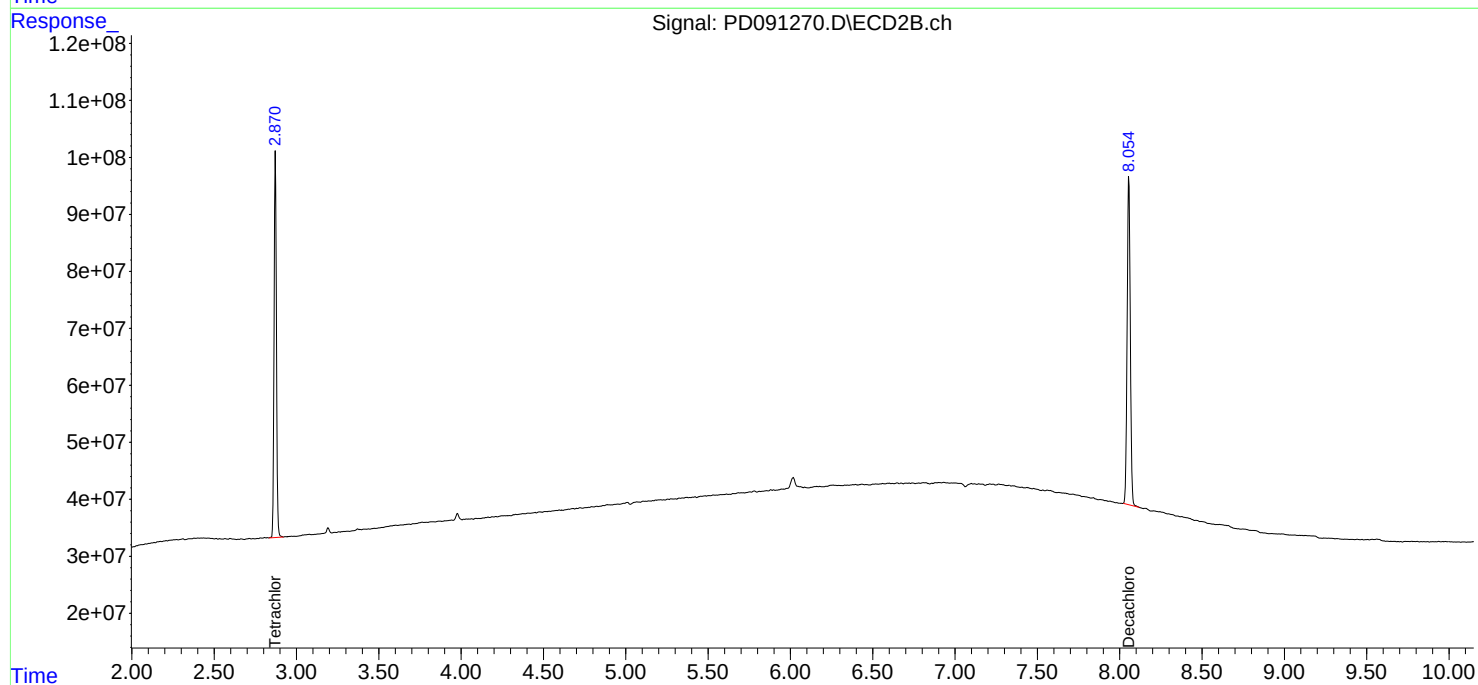
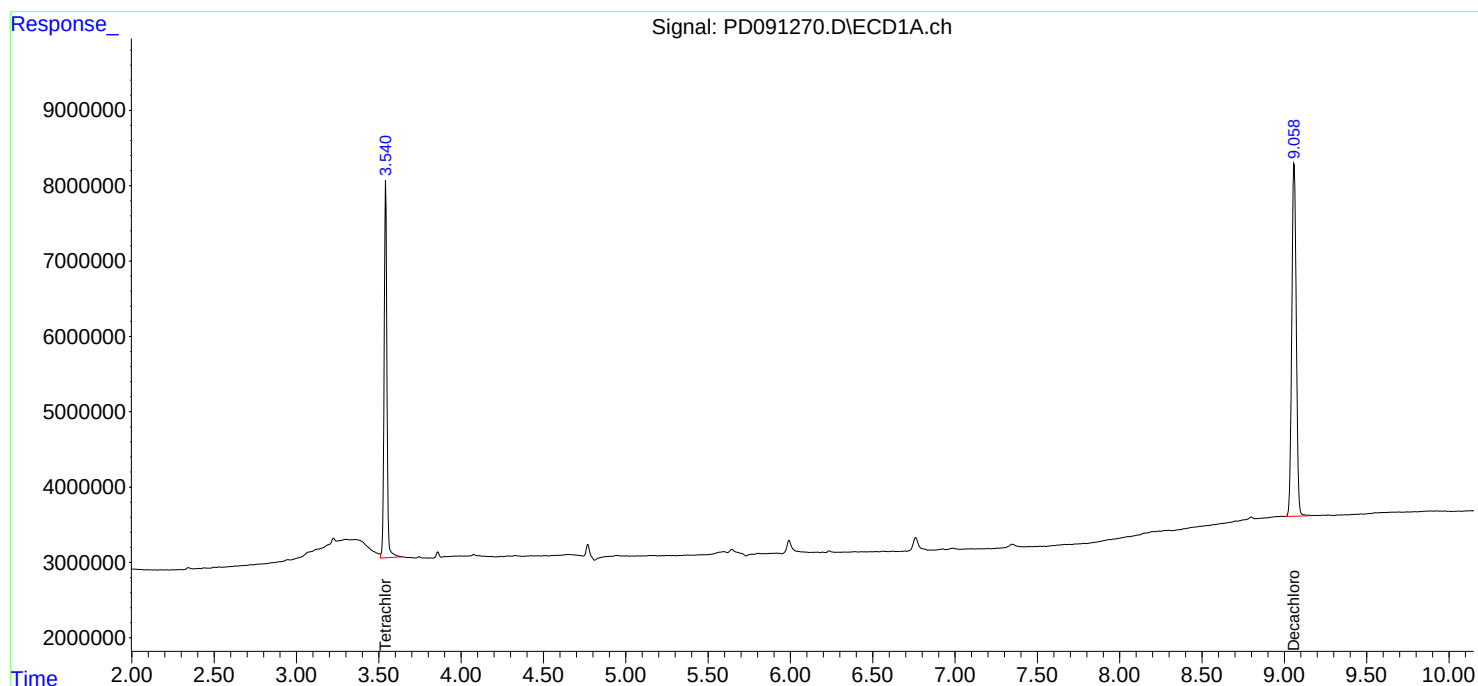
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

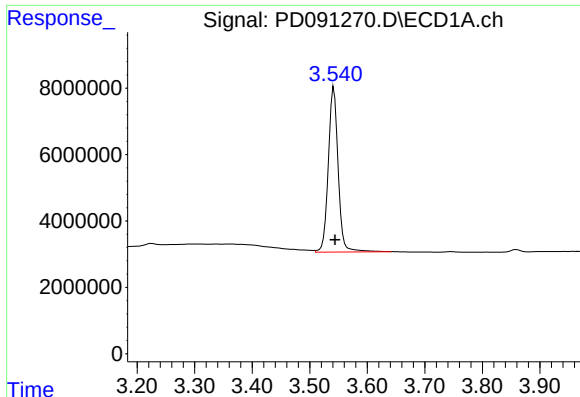
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:07
Operator : AR\AJ
Sample : PB170628BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170628BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

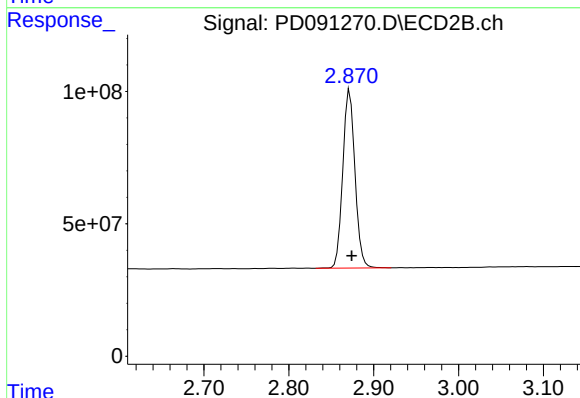




#1 Tetrachloro-m-xylene

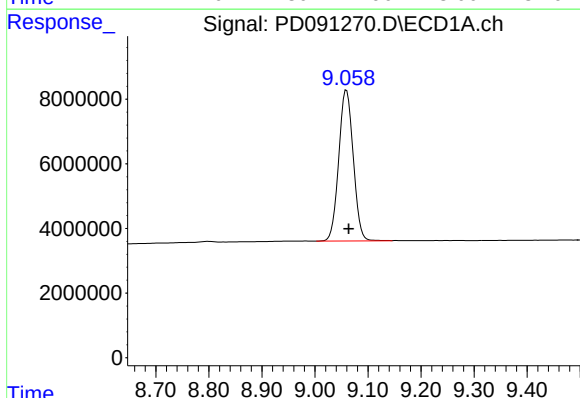
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 59182749
Conc: 17.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BL



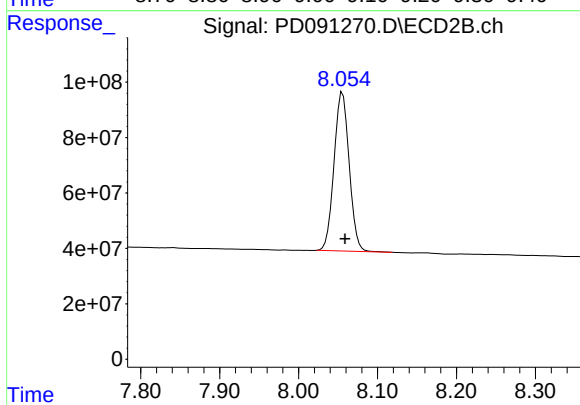
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 672387576
Conc: 18.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 88790088
Conc: 17.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 765113097
Conc: 19.33 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/14/25
Project:	NJ Soil PT		Date Received:	11/14/25
Client Sample ID:	PIBLK-PD091193.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091193.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/14/25	PD111525
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/14/25	PD111525
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/14/25	PD111525
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/14/25	PD111525
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/14/25	PD111525
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/14/25	PD111525
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/14/25	PD111525
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/14/25	PD111525
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	11/14/25	PD111525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			31 - 149	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			41 - 134	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

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\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	67367446	734.0E6	19.535	20.038
28)	SA Decachlor...	9.064	8.059	103.5E6	793.9E6	20.767	20.060

Target Compounds

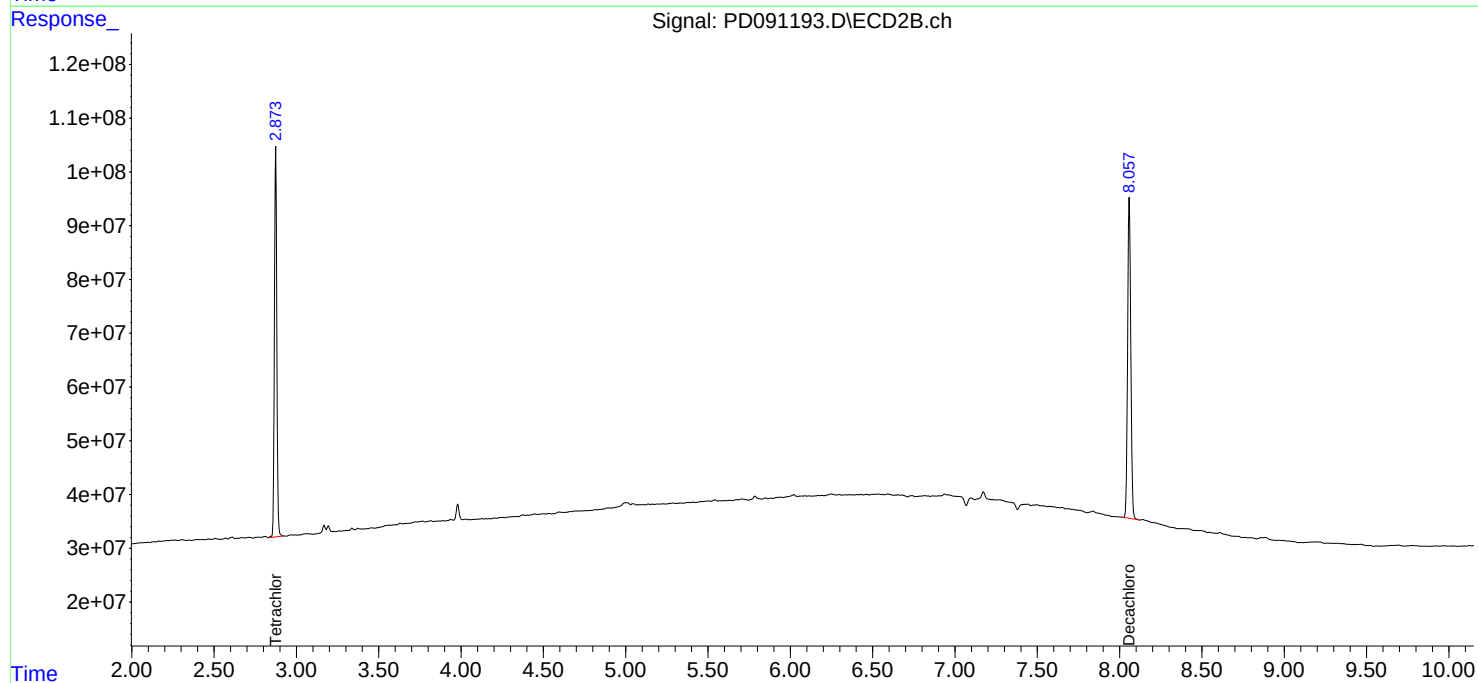
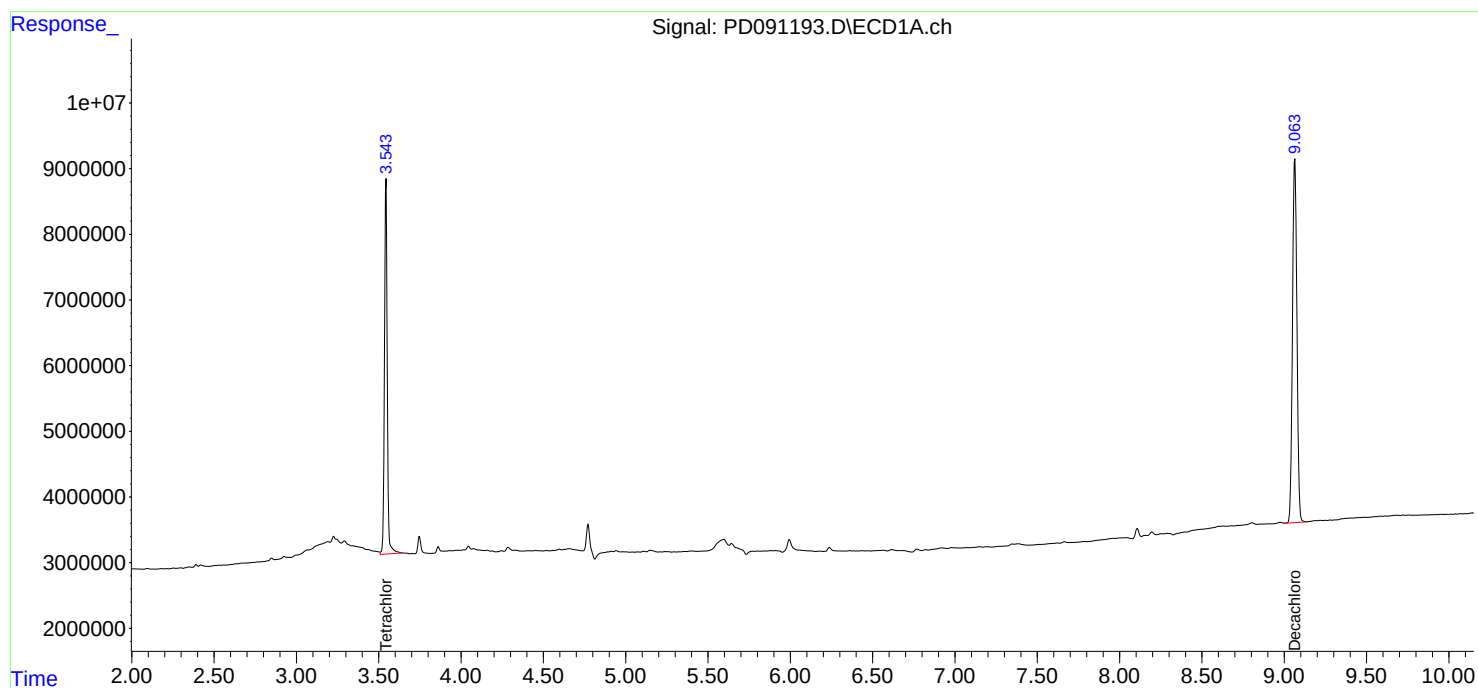
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

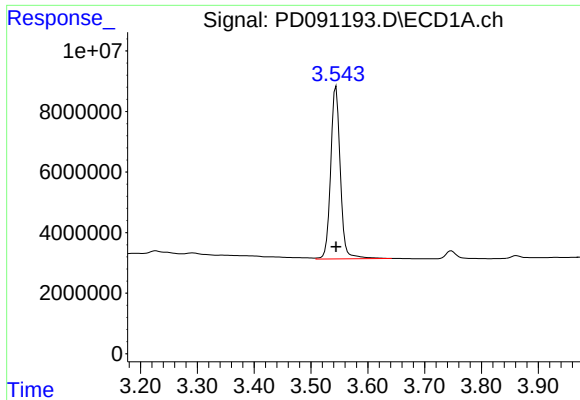
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

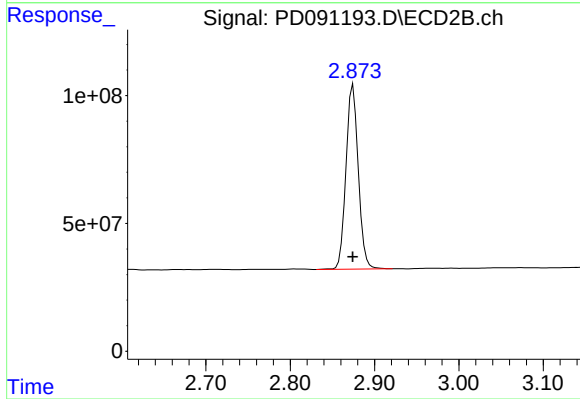




#1 Tetrachloro-m-xylene

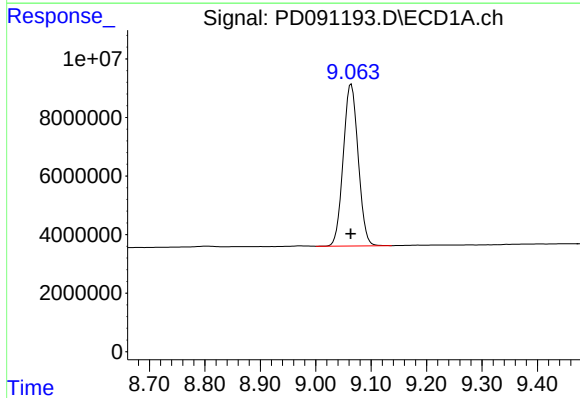
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67367446
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



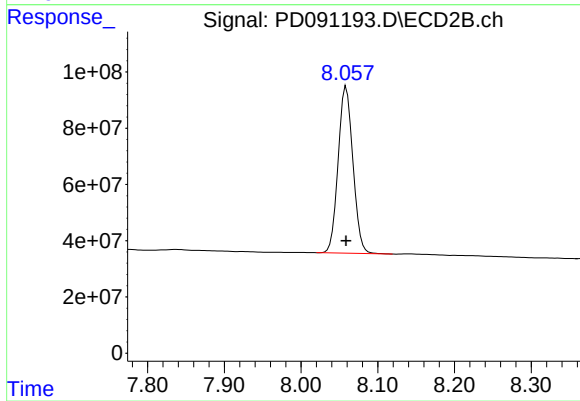
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 734006061
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 103459386
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 793870994
Conc: 20.06 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/19/25
Project:	NJ Soil PT		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091264.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091264.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	PD111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	PD111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	PD111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	PD111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	PD111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	PD111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	PD111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	PD111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	PD111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	PD111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	PD111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	PD111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	PD111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	PD111925
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	11/19/25	PD111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.5			31 - 149	123%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			41 - 134	118%	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

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\PD111925\
 Data File : PD091264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 09:05
 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 19 12:42:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.871	75263492	863.9E6	21.824	23.583
28)	SA Decachlor...	9.060	8.055	111.0E6	971.0E6	22.279	24.536

Target Compounds

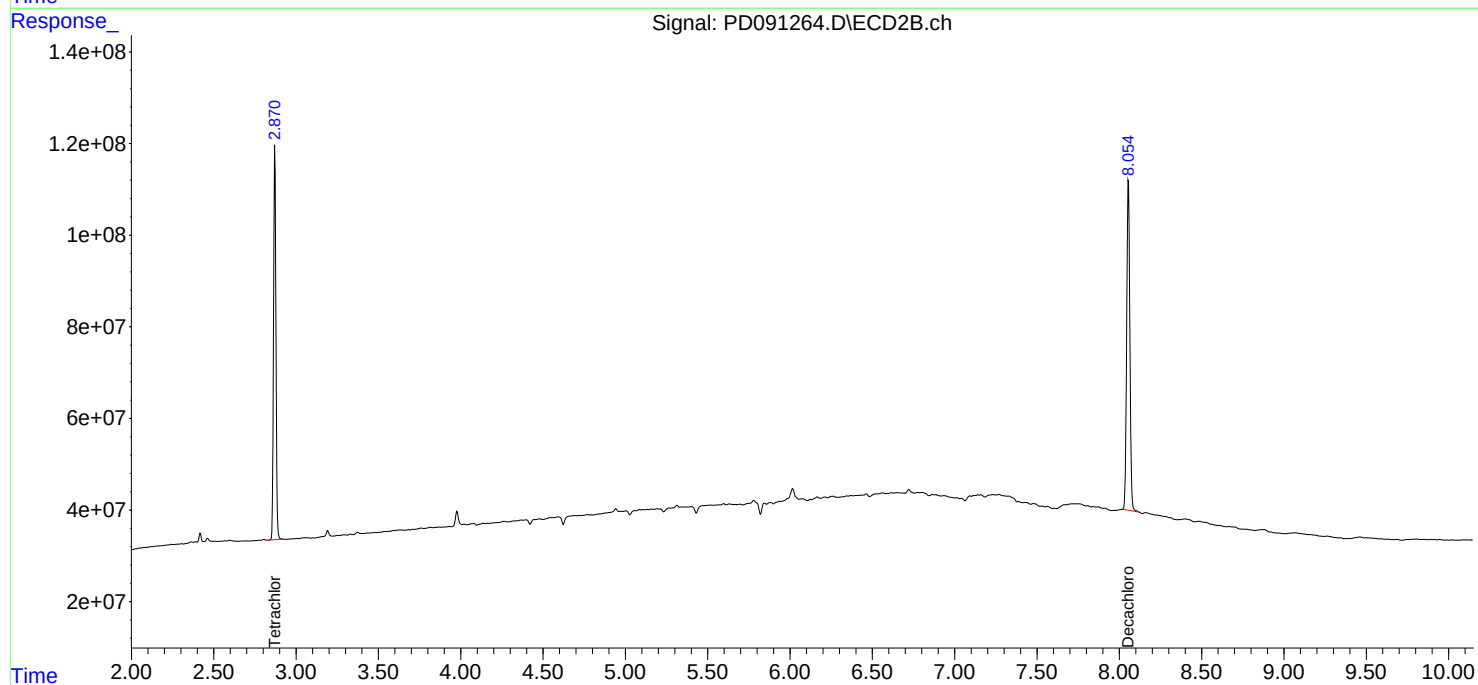
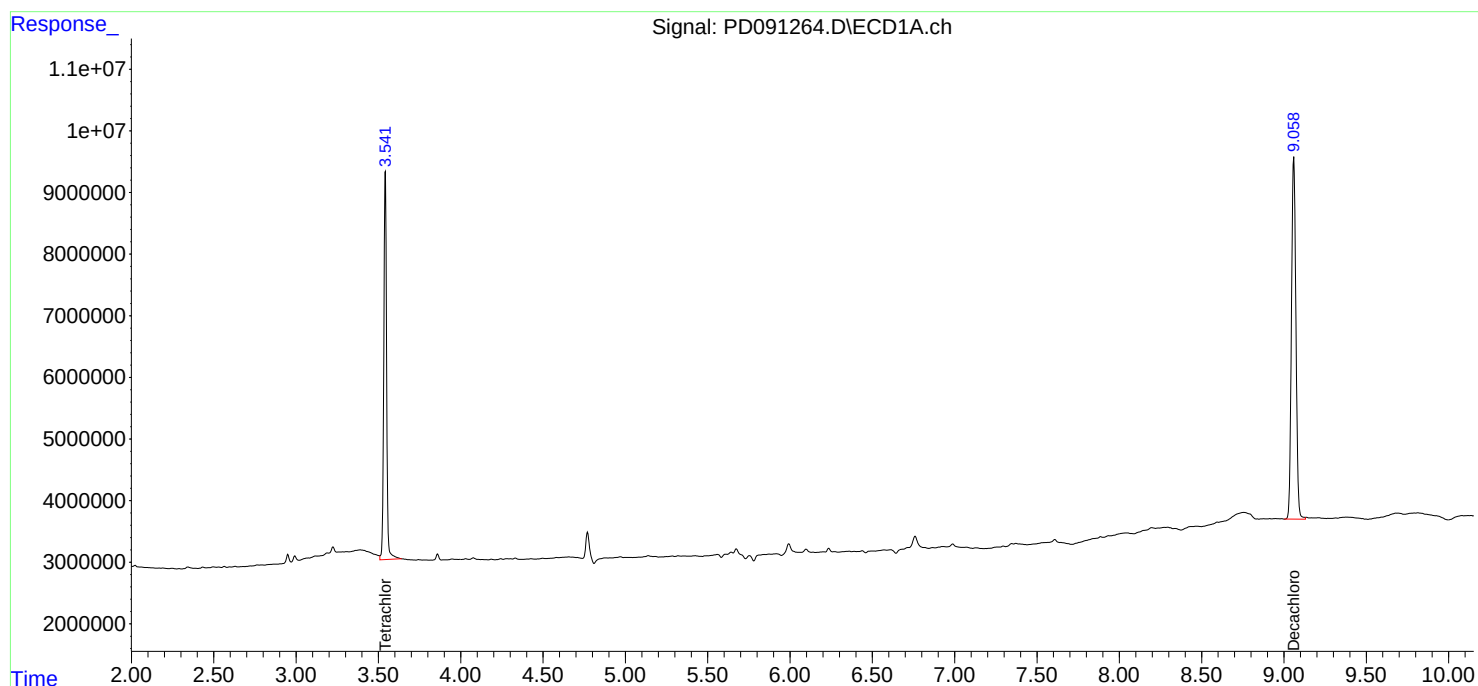
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

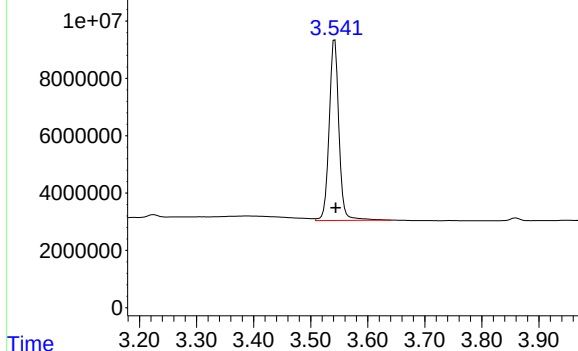
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:42:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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: PD091264.D\ECD1A.ch

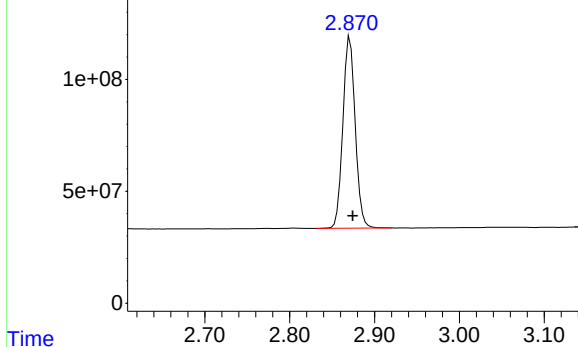


#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 75263492
Conc: 21.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

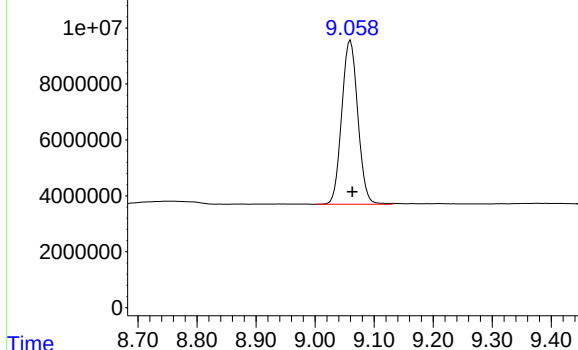
Response_ Signal: PD091264.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 863868671
Conc: 23.58 ng/ml

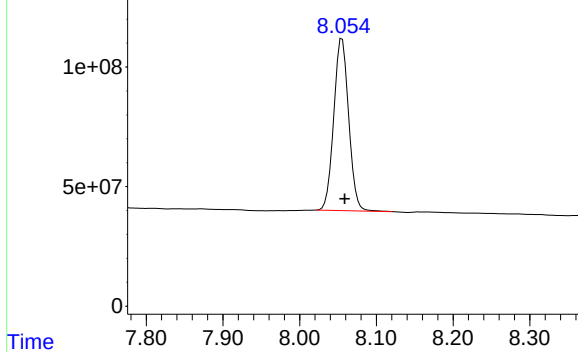
Response_ Signal: PD091264.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 110989478
Conc: 22.28 ng/ml

Response_ Signal: PD091264.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 971003777
Conc: 24.54 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/19/25
Project:	NJ Soil PT		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091275.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091275.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	pd111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	pd111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	pd111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	pd111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	pd111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	pd111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	pd111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	pd111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	11/19/25	pd111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.0			31 - 149	80%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.1			41 - 134	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

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\PD111925\
Data File : PD091275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:16
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: Nov 20 01:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	2.872	56910976	661.6E6	16.502	18.062
28)	SA Decachlor...	9.063	8.057	79659641	548.7E6	15.990	13.864

Target Compounds

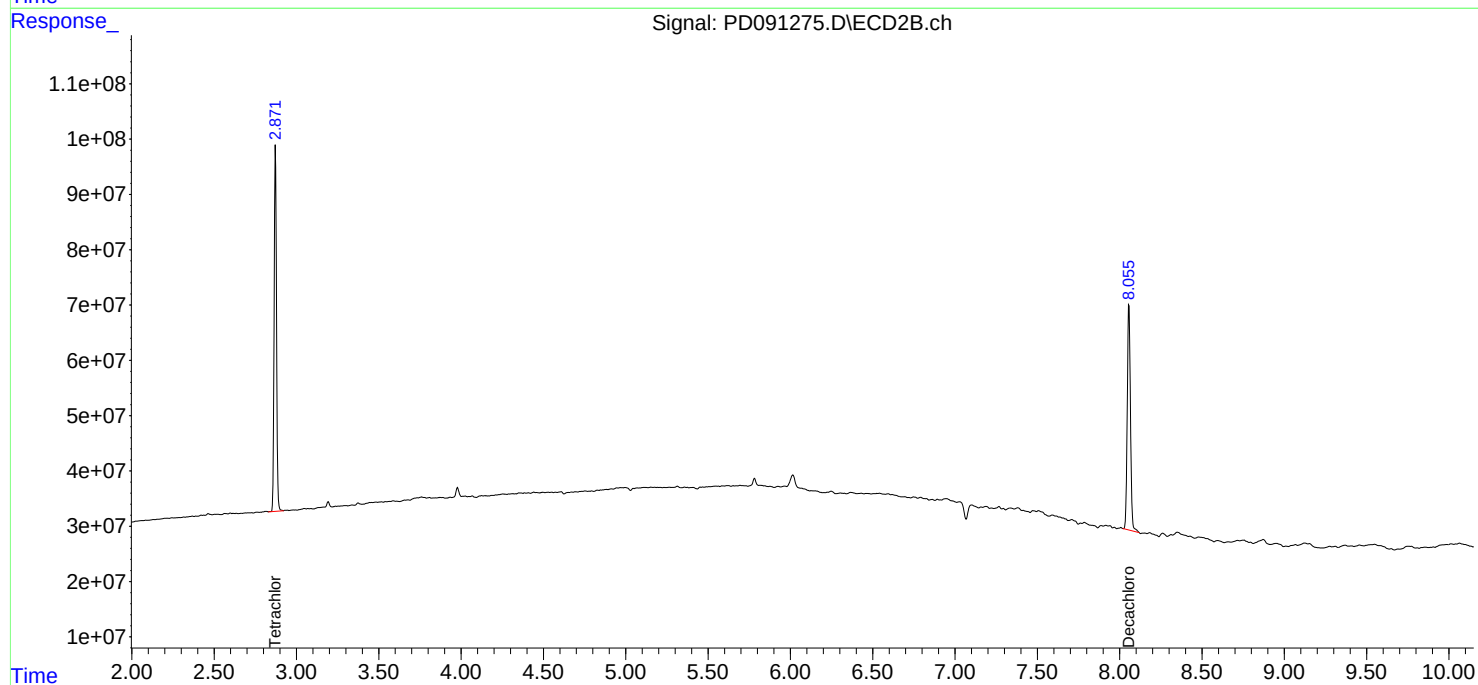
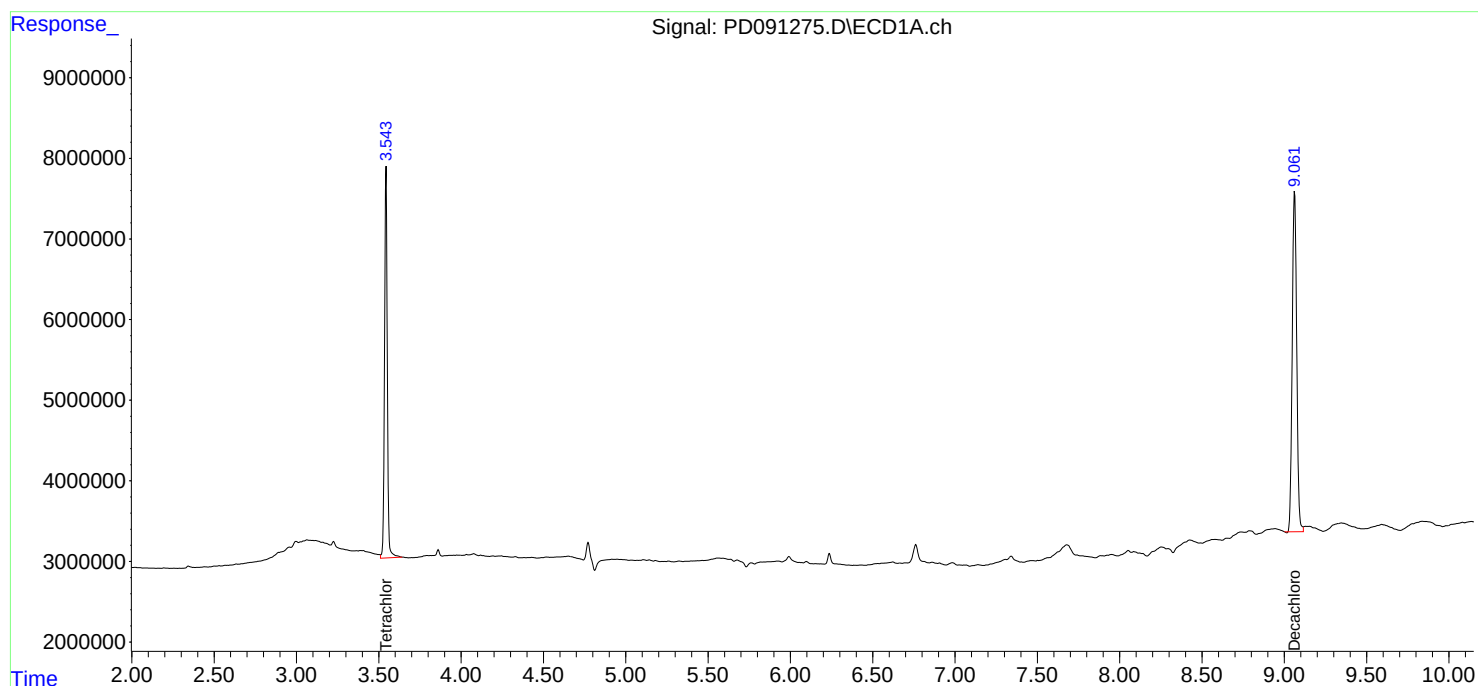
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

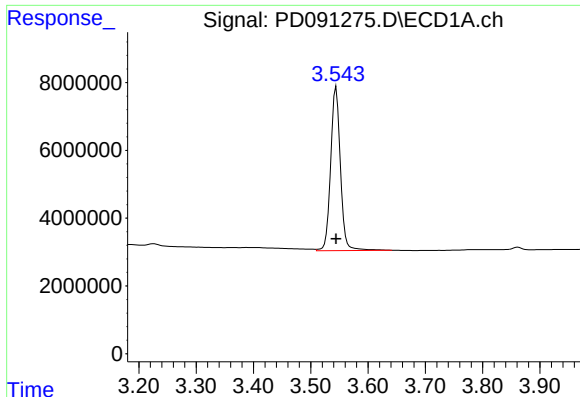
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:16
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

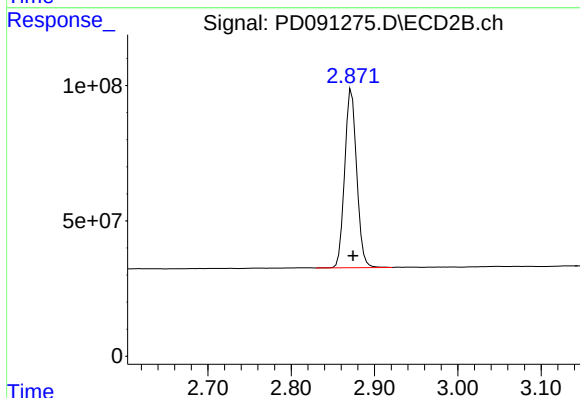




#1 Tetrachloro-m-xylene

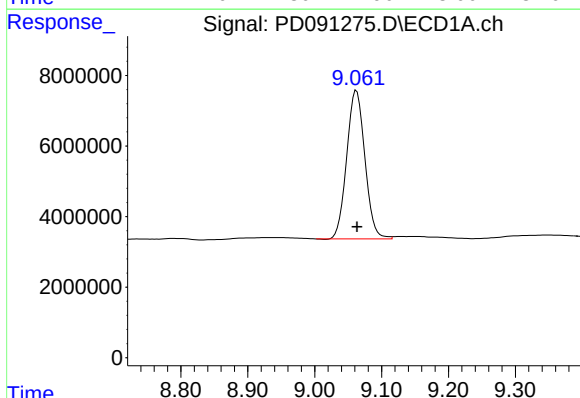
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 56910976
Conc: 16.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



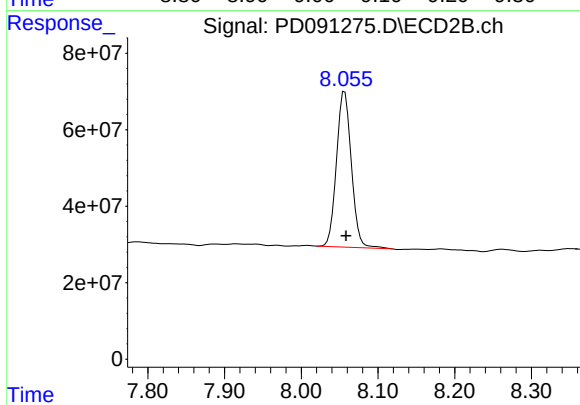
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 661616646
Conc: 18.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 79659641
Conc: 15.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 548663900
Conc: 13.86 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/19/25
Project:	NJ Soil PT		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091285.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091285.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	pd111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	pd111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	pd111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	pd111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	pd111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	pd111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	pd111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	pd111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	11/19/25	pd111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			31 - 149	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.5			41 - 134	88%	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

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\PD111925\
Data File : PD091285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 17:59
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 20 01:31:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	57088066	641.3E6	16.554	17.506
28)	SA Decachlor...	9.060	8.056	81943212	602.1E6	16.448	15.215

Target Compounds

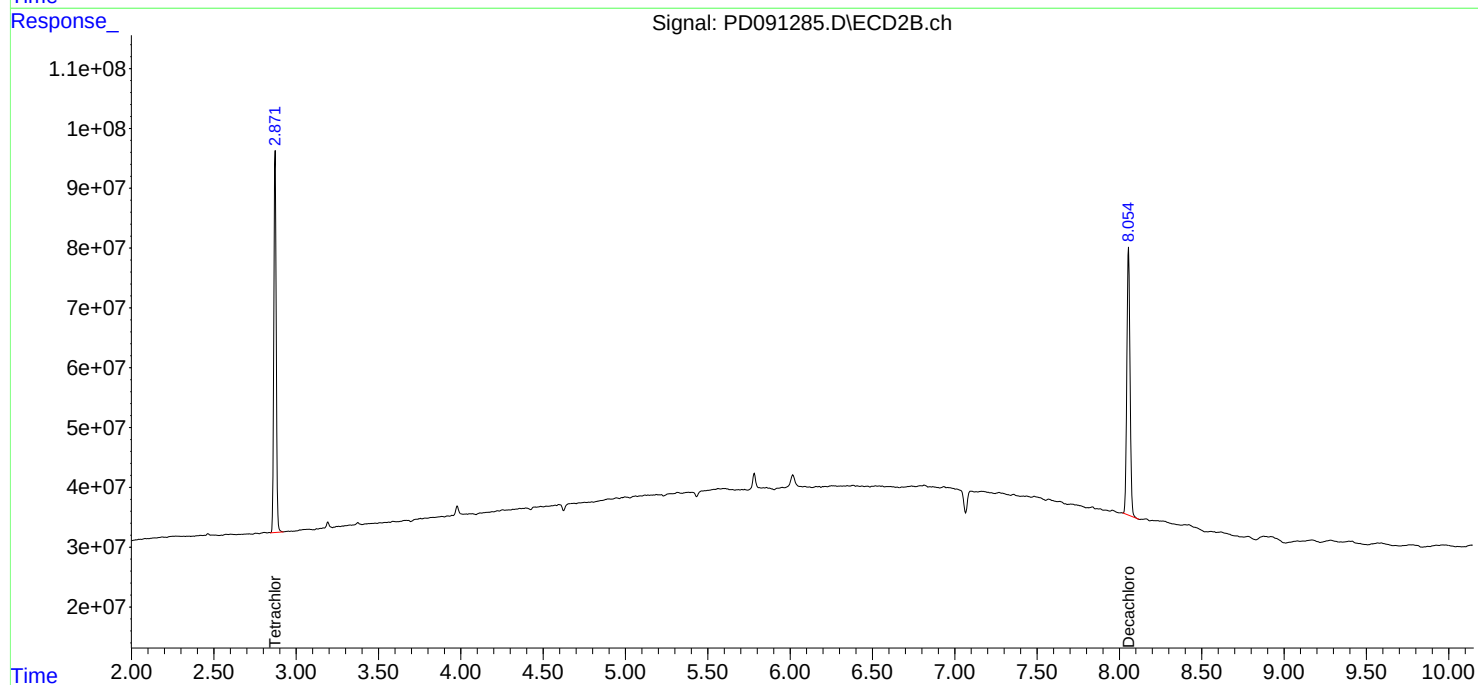
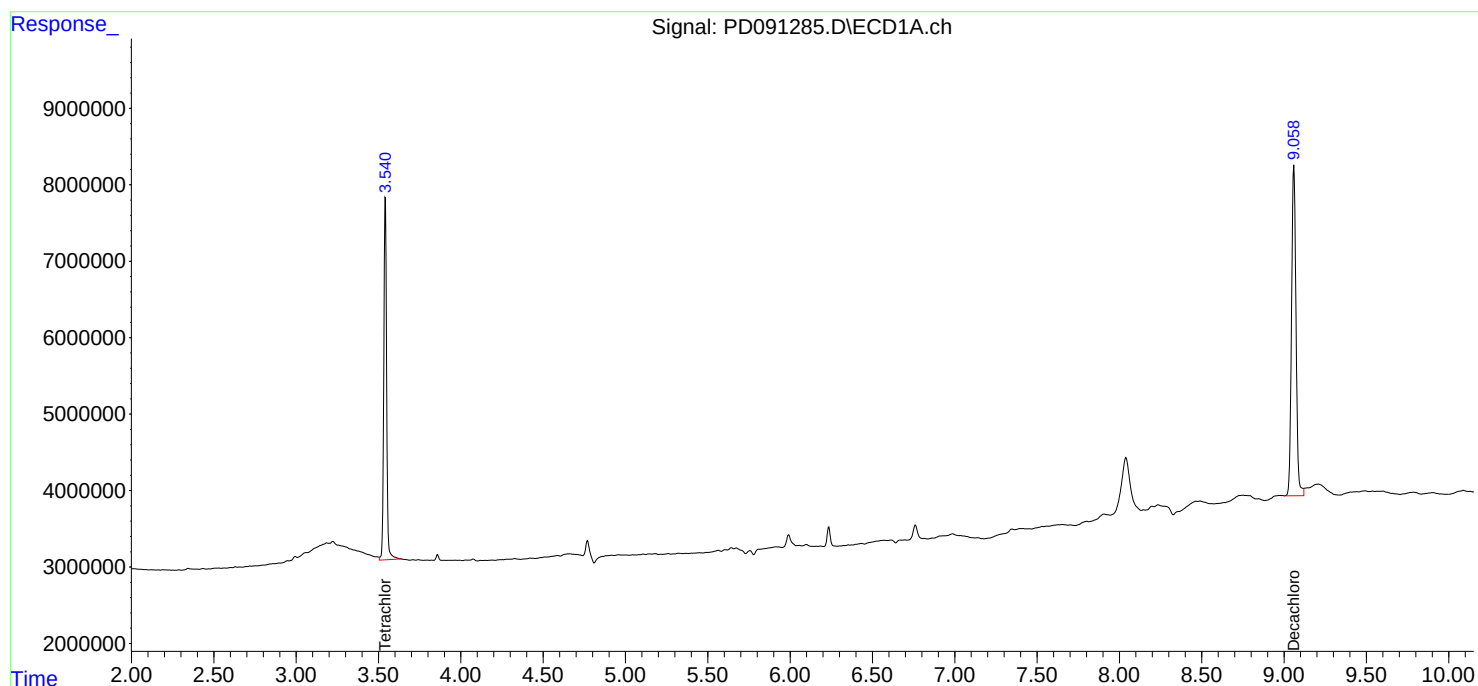
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

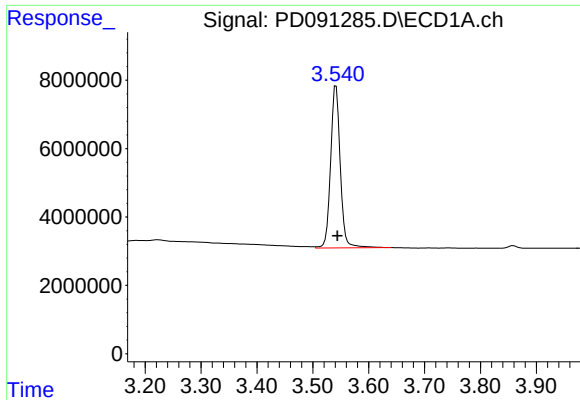
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 17:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

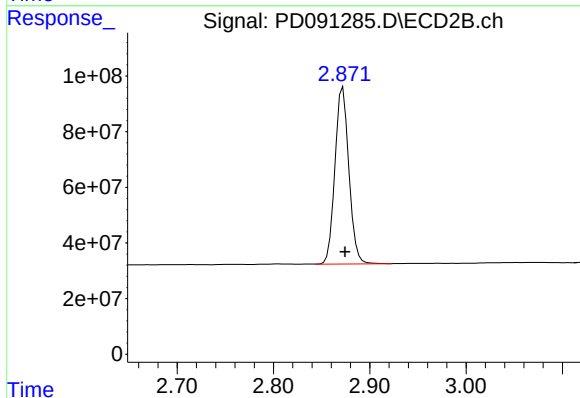




#1 Tetrachloro-m-xylene

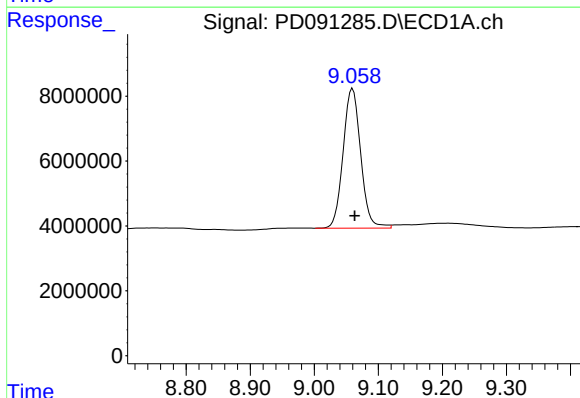
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 57088066
Conc: 16.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



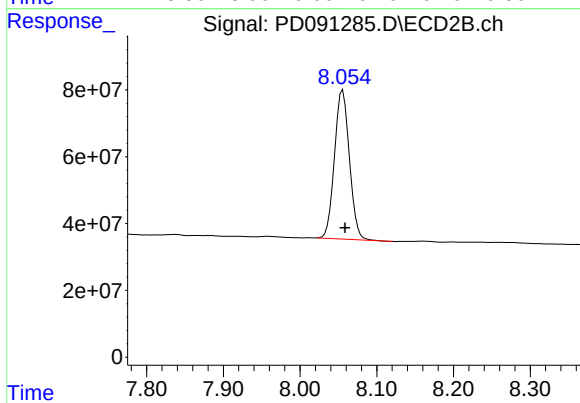
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 641266648
Conc: 17.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 81943212
Conc: 16.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 602149058
Conc: 15.22 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	12/01/25
Project:	NJ Soil PT		Date Received:	12/01/25
Client Sample ID:	PIBLK-PD091401.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091401.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	12/01/25	PD120125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	12/01/25	PD120125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	12/01/25	PD120125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	12/01/25	PD120125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	12/01/25	PD120125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	12/01/25	PD120125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	12/01/25	PD120125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	12/01/25	PD120125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	12/01/25	PD120125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.5			31 - 149	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.0			41 - 134	115%	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

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\PD120125\
Data File : PD091401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 09:59
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: Dec 02 02:10:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.871	70904062	842.4E6	20.560	22.998
28)	SA Decachlor...	9.057	8.054	95797677	771.1E6	19.229	19.485

Target Compounds

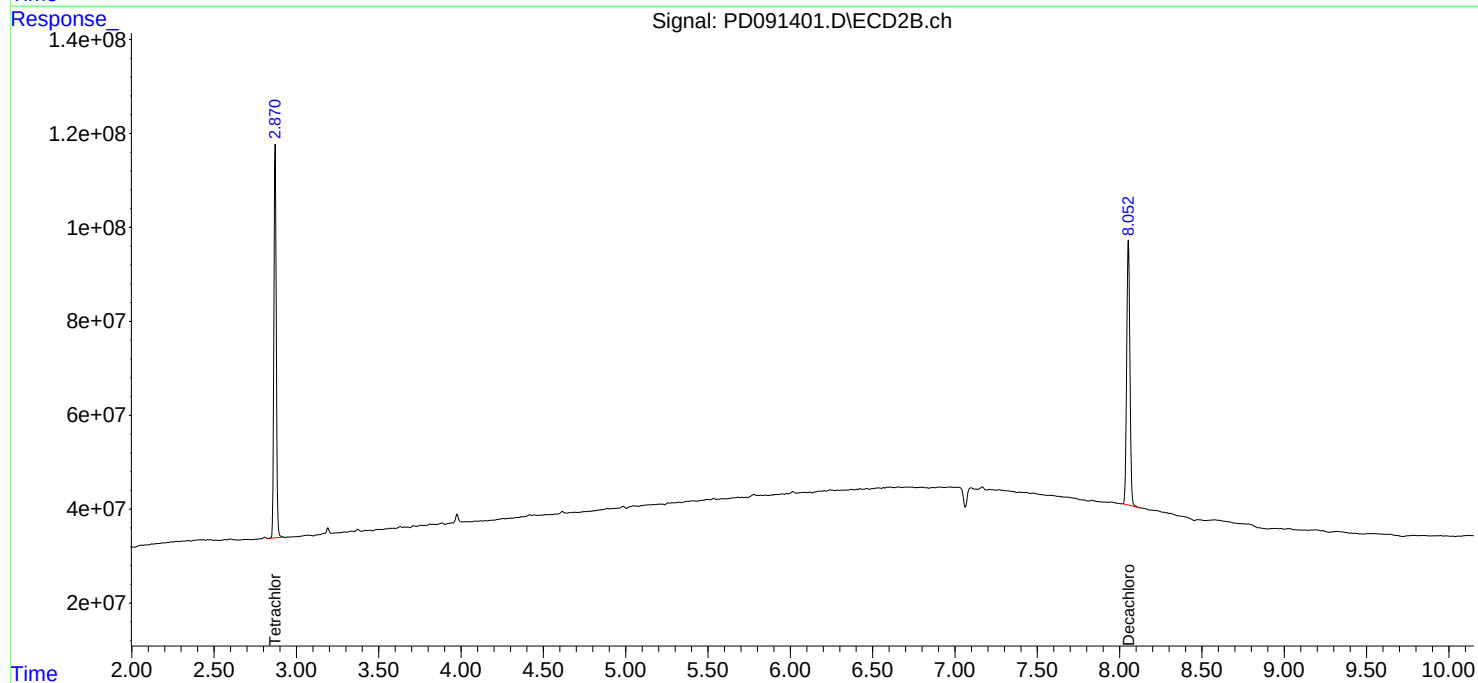
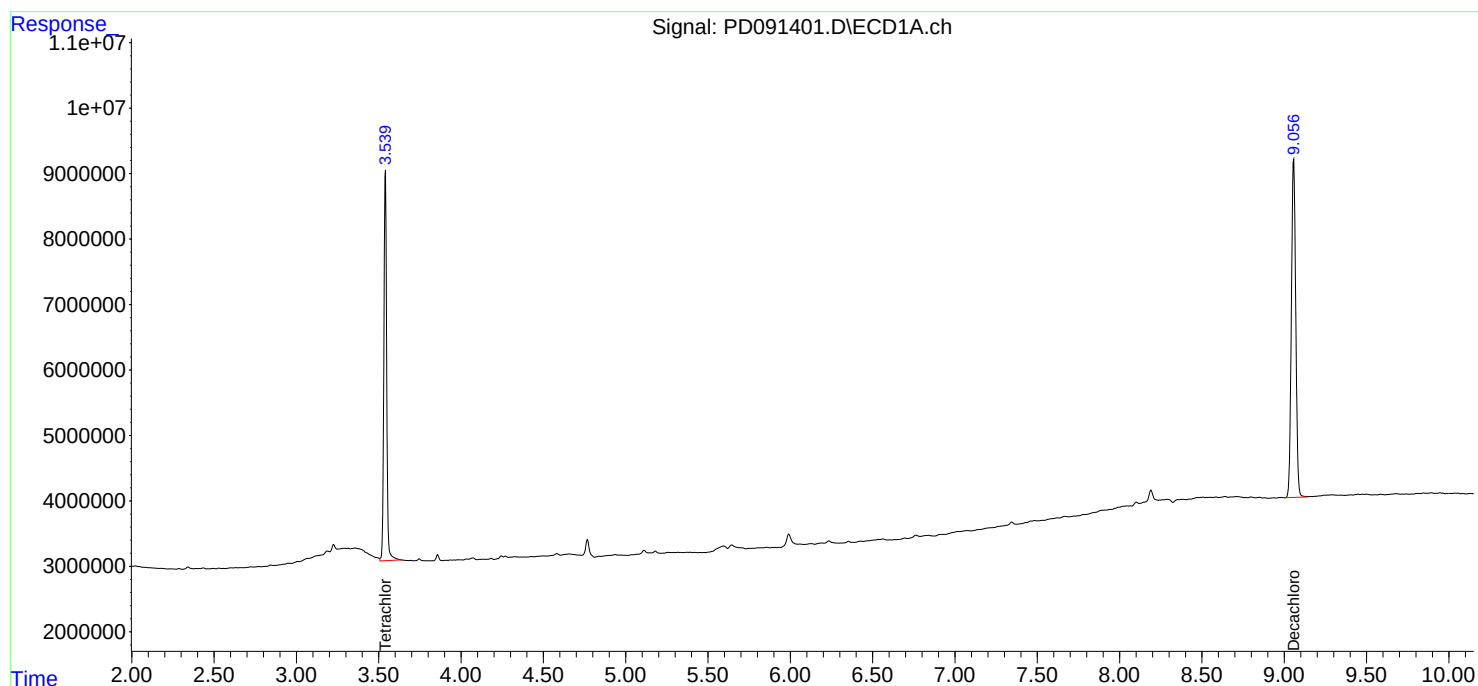
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

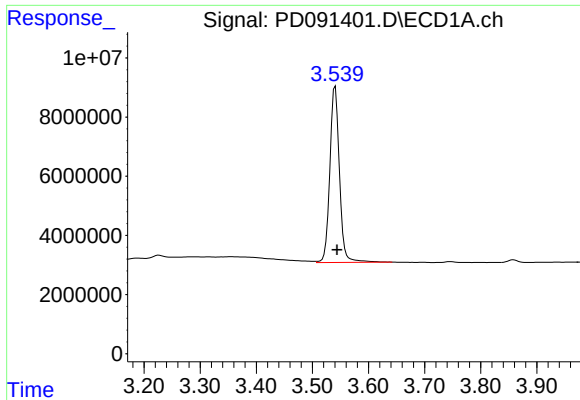
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 09:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

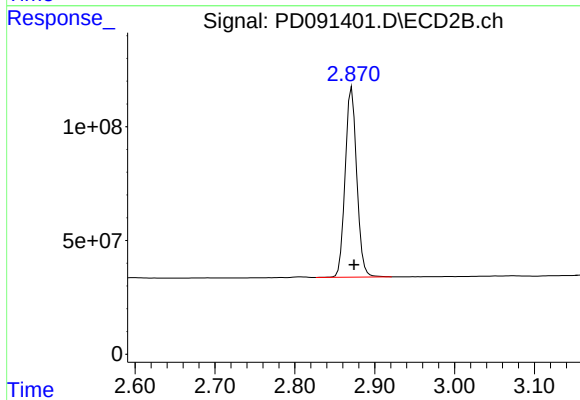




#1 Tetrachloro-m-xylene

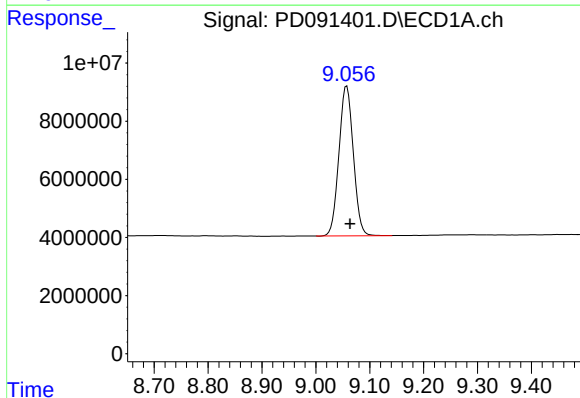
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 70904062
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



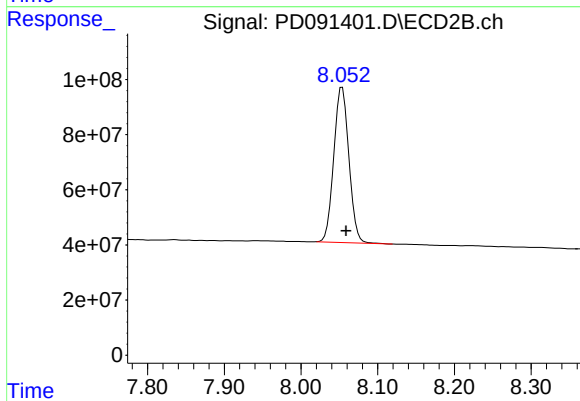
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 842411495
Conc: 23.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 95797677
Conc: 19.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.005 min
Response: 771099881
Conc: 19.48 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	12/01/25
Project:	NJ Soil PT		Date Received:	12/01/25
Client Sample ID:	PIBLK-PD091413.D		SDG No.:	Q3483
Lab Sample ID:	I.BLK-PD091413.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	12/01/25	PD120125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	12/01/25	PD120125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	12/01/25	PD120125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	12/01/25	PD120125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	12/01/25	PD120125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	12/01/25	PD120125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	12/01/25	PD120125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	12/01/25	PD120125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
2385-85-5	Mirex	0.0040	U	1	0.0040	0.050	ug/L	12/01/25	PD120125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.0			31 - 149	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			41 - 134	107%	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

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\PD120125\
Data File : PD091413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:21
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: Dec 02 02:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	71120564	785.5E6	20.623	21.444
28)	SA Decachlor...	9.057	8.054	94789404	644.6E6	19.027	16.289

Target Compounds

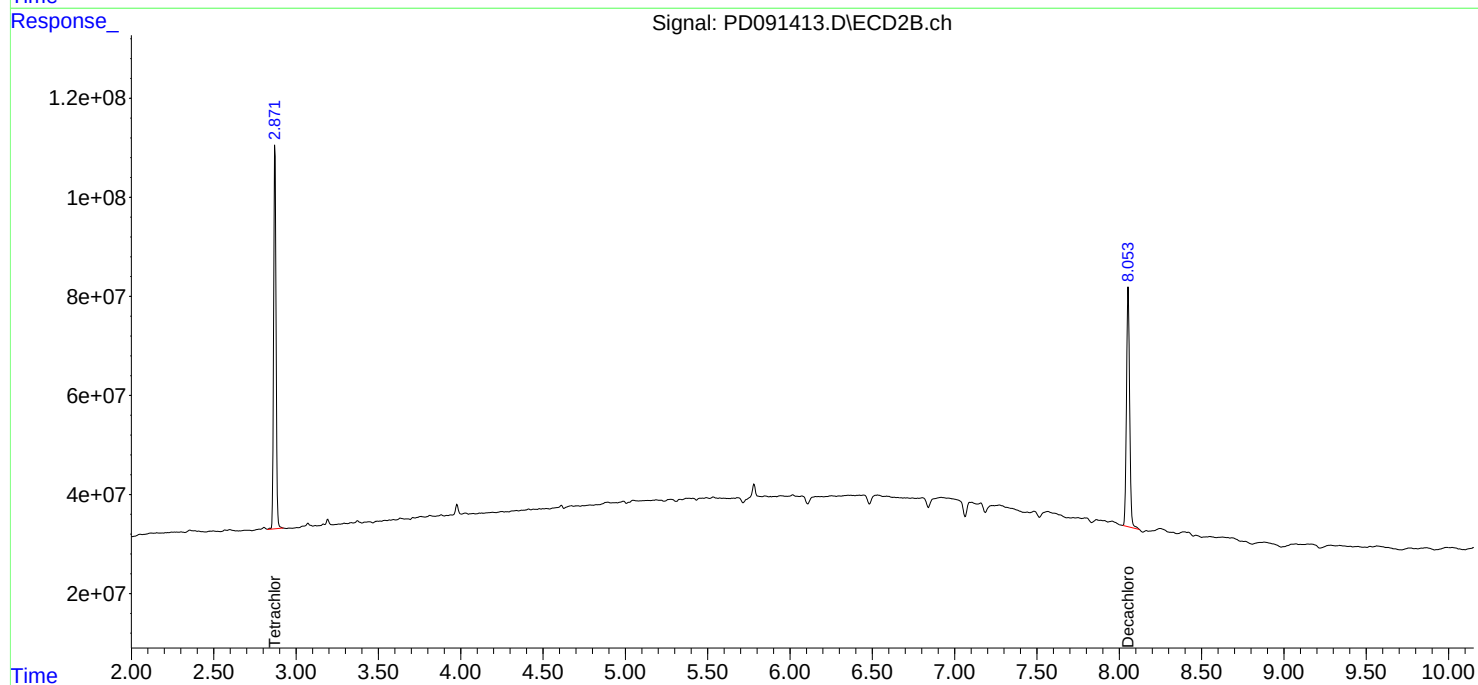
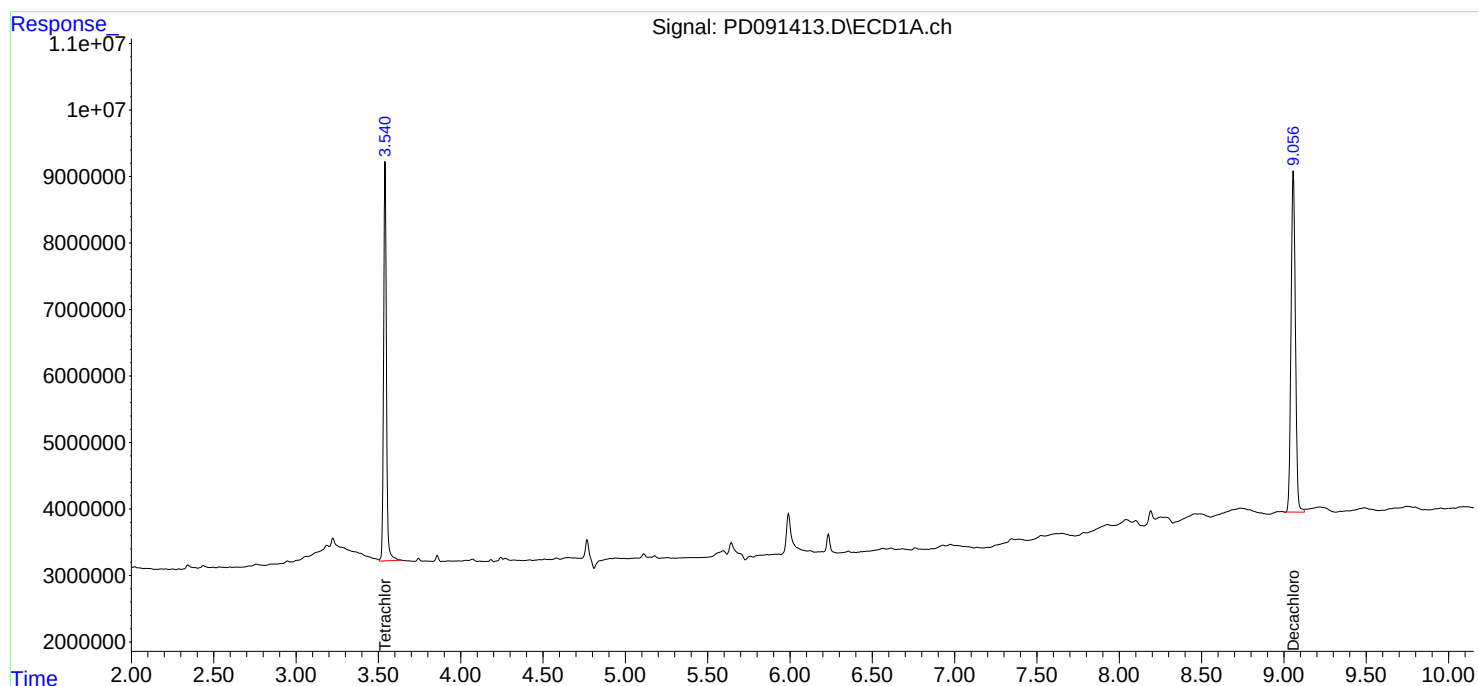
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

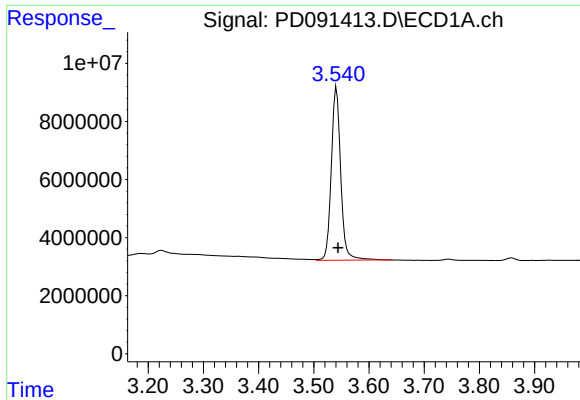
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

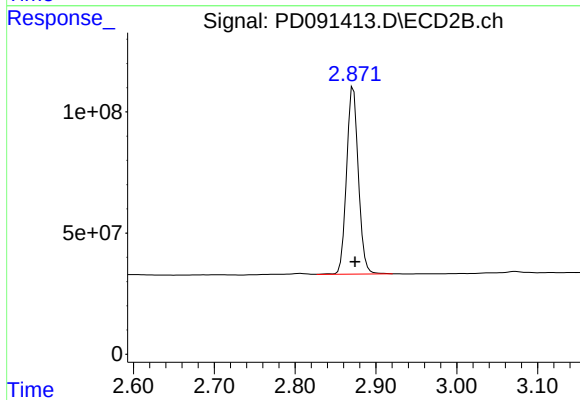




#1 Tetrachloro-m-xylene

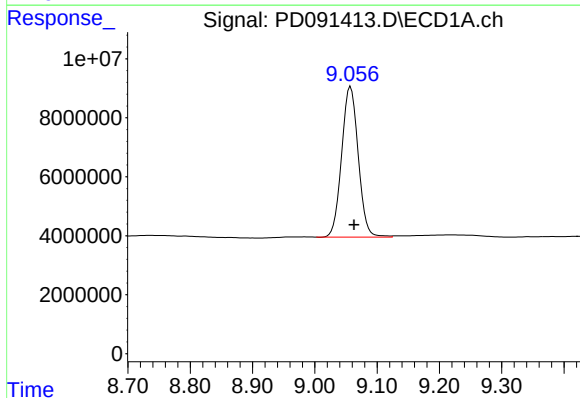
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 71120564
Conc: 20.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



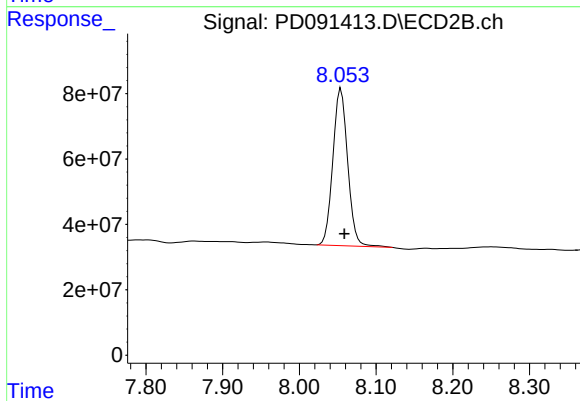
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 785500245
Conc: 21.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 94789404
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 644634369
Conc: 16.29 ng/ml



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

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: PB170628BS
Lab Sample ID: PB170628BS
Analytical Method: 8081B
Sample Wt/Vol: 30.01 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected:
Date Received:
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: PESTICIDE Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	16.5		1	0.13	1.70	ug/kg	12/01/25 12:10	PB170628
319-85-7	beta-BHC	16.2		1	0.18	1.70	ug/kg	12/01/25 12:10	PB170628
319-86-8	delta-BHC	16.0		1	0.39	1.70	ug/kg	12/01/25 12:10	PB170628
58-89-9	gamma-BHC (Lindane)	16.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
76-44-8	Heptachlor	15.1		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
309-00-2	Aldrin	16.6		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
1024-57-3	Heptachlor epoxide	16.5		1	0.19	1.70	ug/kg	12/01/25 12:10	PB170628
959-98-8	Endosulfan I	16.6		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
60-57-1	Dieldrin	16.3		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-55-9	4,4-DDE	16.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-20-8	Endrin	14.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
33213-65-9	Endosulfan II	16.4		1	0.29	1.70	ug/kg	12/01/25 12:10	PB170628
72-54-8	4,4-DDD	15.6		1	0.15	1.70	ug/kg	12/01/25 12:10	PB170628
1031-07-8	Endosulfan Sulfate	16.2		1	0.13	1.70	ug/kg	12/01/25 12:10	PB170628
50-29-3	4,4-DDT	15.7		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-43-5	Methoxychlor	13.3		1	0.37	1.70	ug/kg	12/01/25 12:10	PB170628
53494-70-5	Endrin ketone	16.5		1	0.19	1.70	ug/kg	12/01/25 12:10	PB170628
7421-93-4	Endrin aldehyde	16.5		1	0.37	1.70	ug/kg	12/01/25 12:10	PB170628
5103-71-9	alpha-Chlordane	16.6		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
5103-74-2	gamma-Chlordane	16.8		1	0.15	1.70	ug/kg	12/01/25 12:10	PB170628
2385-85-5	Mirex	15.2		1	0.17	1.70	ug/kg	12/01/25 12:10	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.1			10 - 143	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.2			10 - 131	101%	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

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\PD120125\
 Data File : PD091404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 12:10
 Operator : AR\AJ
 Sample : PB170628BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170628BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.871	62457080	741.2E6	18.111	20.234
28)	SA Decachlor...	9.068	8.057	91518508	754.6E6	18.370	19.069
Target Compounds							
2)	A alpha-BHC	3.998	3.382	376.1E6	3121.8E6	47.043	49.394
3)	MA gamma-BHC...	4.329	3.718	351.3E6	2851.2E6	47.008	49.311
4)	MA Heptachlor	4.926	4.070	324.8E6	2500.9E6	45.359	45.299
5)	MB Aldrin	5.267	4.355	337.8E6	2814.0E6	46.553	49.842
6)	B beta-BHC	4.517	4.015	132.2E6	1169.7E6	45.486	48.682
7)	B delta-BHC	4.765	4.251	345.5E6	2808.8E6	46.487	48.032
8)	B Heptachlo...	5.688	4.859	303.1E6	2518.7E6	46.652	49.426
9)	A Endosulfan I	6.072	5.233	286.9E6	2385.9E6	46.704	49.860
10)	B gamma-Chl...	5.944	5.112	309.5E6	2752.2E6	47.607	50.382
11)	B alpha-Chl...	6.025	5.177	305.6E6	2608.9E6	44.403	49.853
12)	B 4,4'-DDE	6.194	5.361	274.3E6	2632.6E6	47.296	49.261
13)	MA Dieldrin	6.344	5.499	305.9E6	2651.5E6	47.321	48.820
14)	MA Endrin	6.572	5.776	209.6E6	1947.8E6	42.222	43.099
15)	B Endosulfa...	6.785	6.068	257.6E6	2301.8E6	46.331	49.310
16)	A 4,4'-DDD	6.704	5.916	224.0E6	2281.3E6	45.600	46.683
17)	MA 4,4'-DDT	7.019	6.170	181.7E6	1843.0E6	43.927	47.096
18)	B Endrin al...	6.914	6.246	193.8E6	1750.1E6	46.522	49.593
19)	B Endosulfa...	7.148	6.469	234.8E6	2180.5E6	45.639	48.634
20)	A Methoxychlor	7.493	6.740	86301891	802.3E6	39.691	40.013
21)	B Endrin ke...	7.629	6.979	268.7E6	2523.3E6	47.699	49.520
22)	Mirex	8.111	7.170	153.2E6	1516.2E6	43.080	45.750

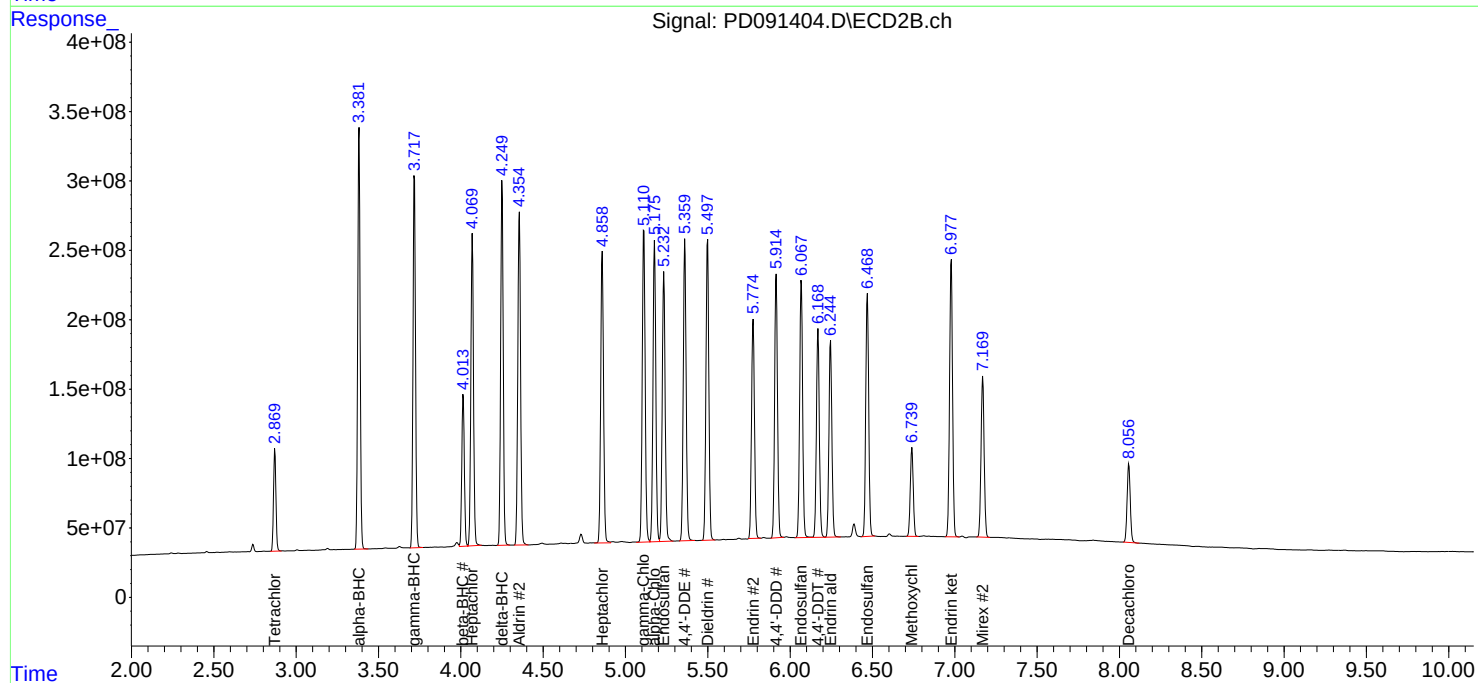
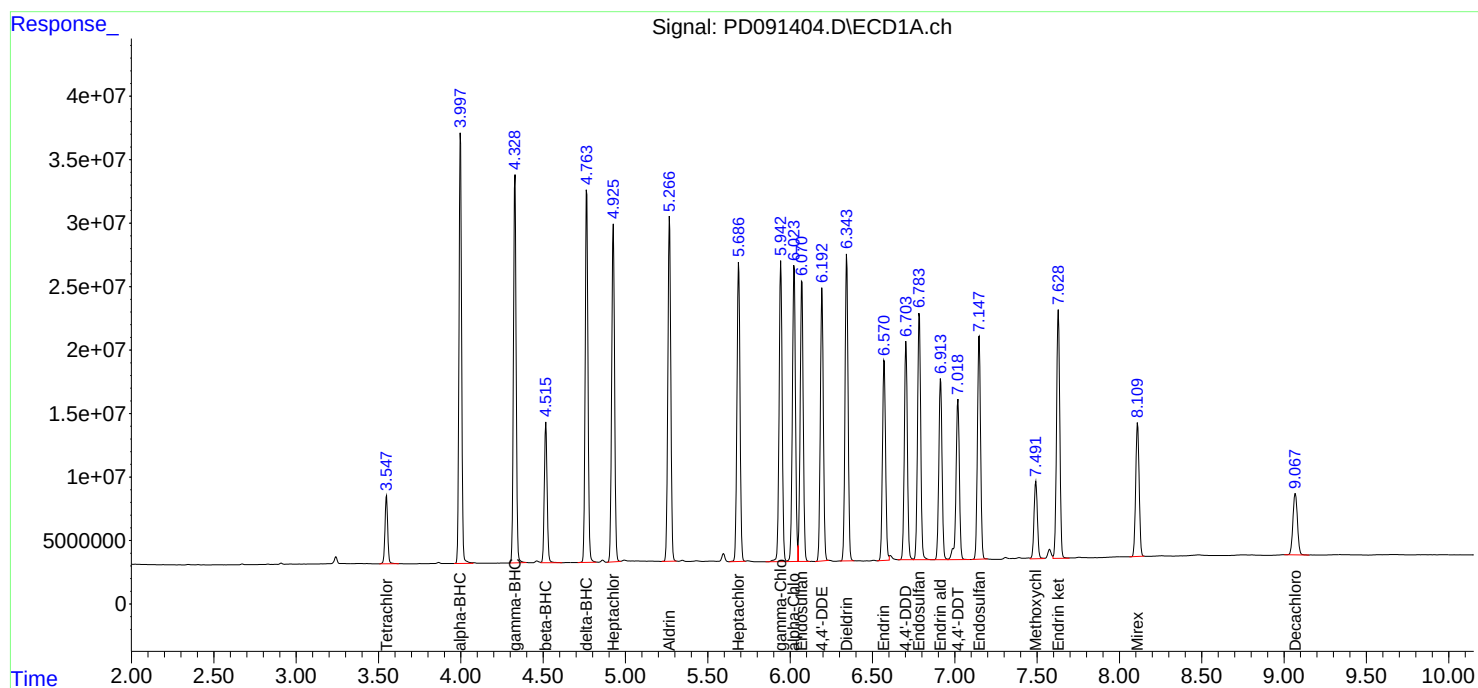
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

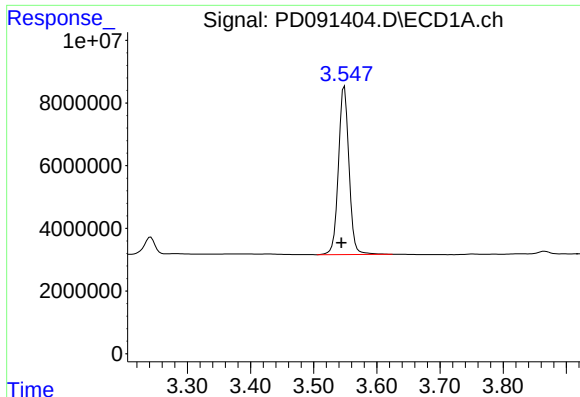
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:10
Operator : AR\AJ
Sample : PB170628BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170628BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

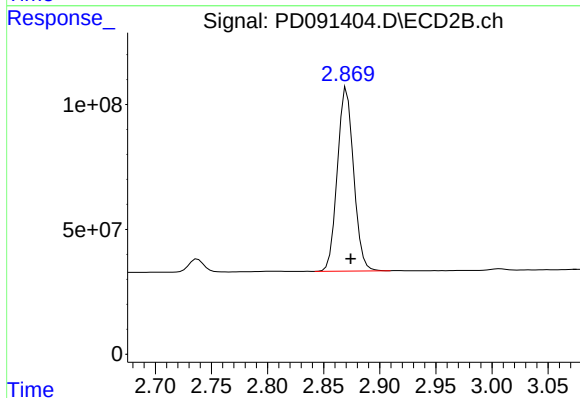




#1 Tetrachloro-m-xylene

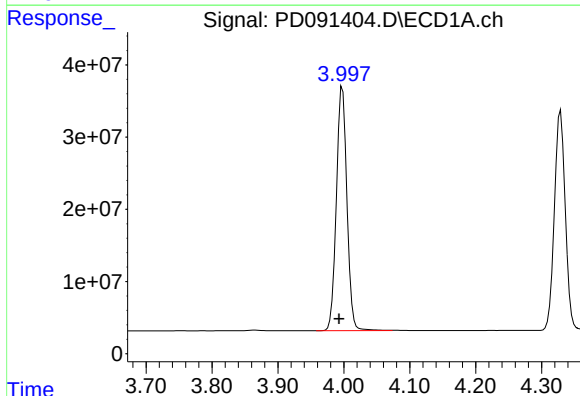
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 62457080
Conc: 18.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



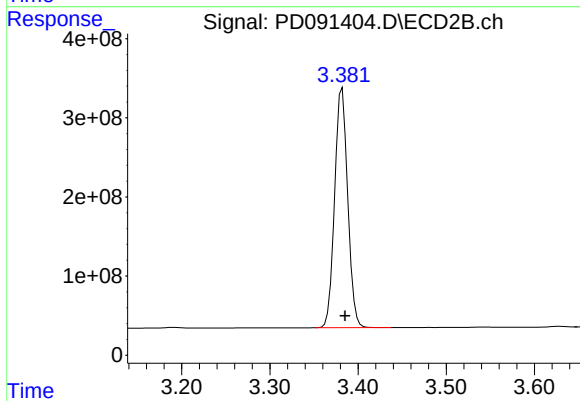
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.004 min
Response: 741180046
Conc: 20.23 ng/ml



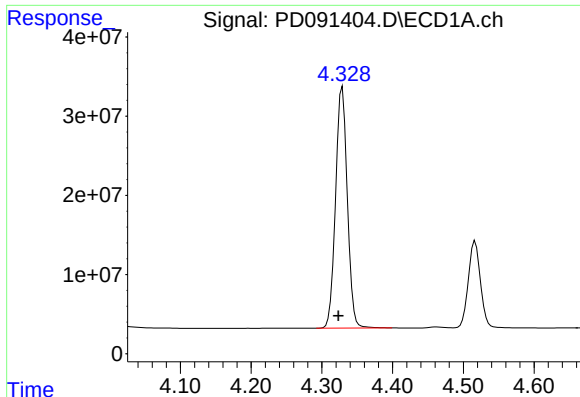
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 376136715
Conc: 47.04 ng/ml



#2 alpha-BHC

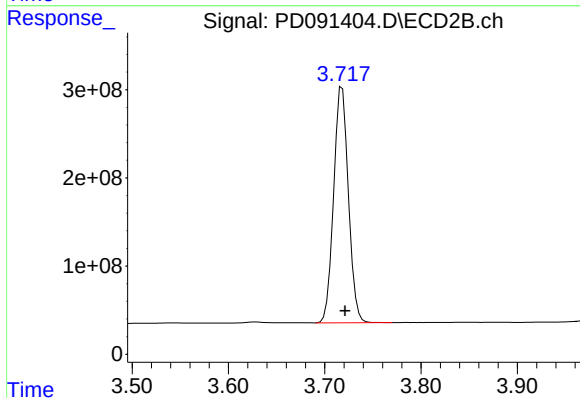
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 3121824039
Conc: 49.39 ng/ml



#3 gamma-BHC (Lindane)

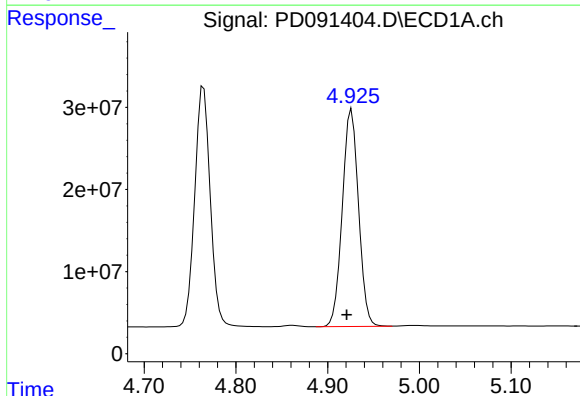
R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 351286920
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



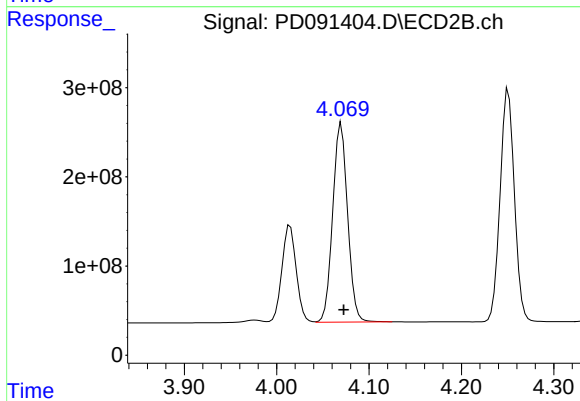
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 2851216902
Conc: 49.31 ng/ml



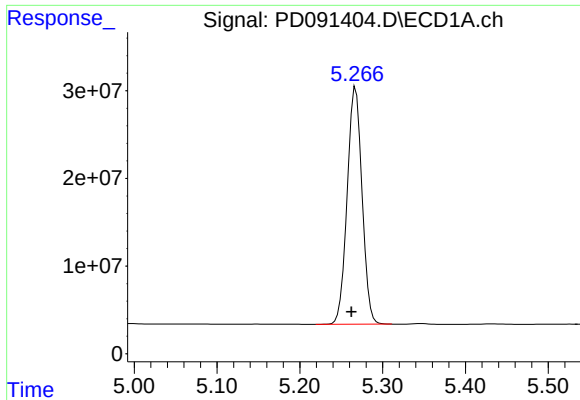
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.005 min
Response: 324845980
Conc: 45.36 ng/ml



#4 Heptachlor

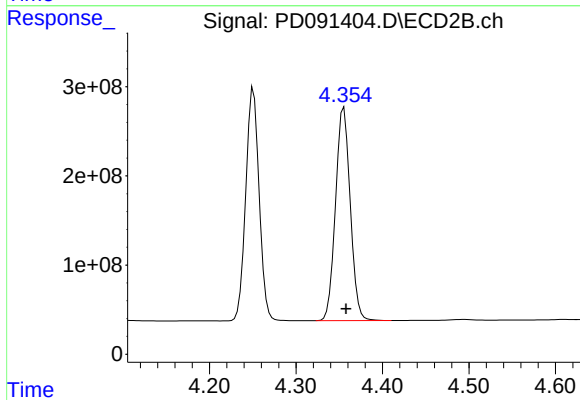
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 2500939861
Conc: 45.30 ng/ml



#5 Aldrin

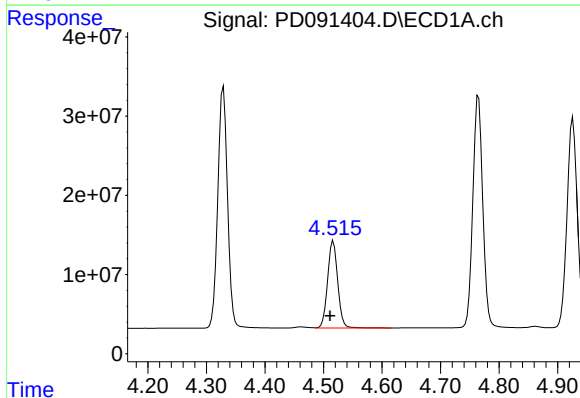
R.T.: 5.267 min
Delta R.T.: 0.005 min
Response: 337804785
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



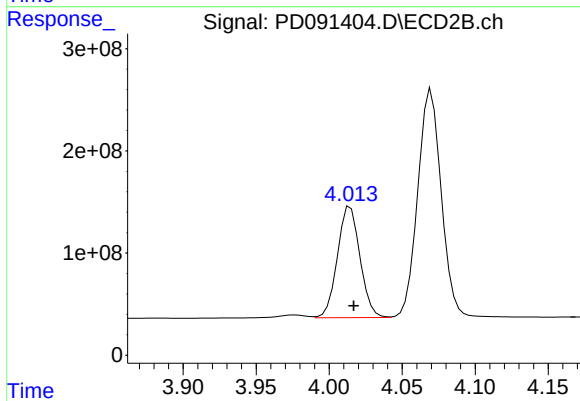
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 2813981247
Conc: 49.84 ng/ml



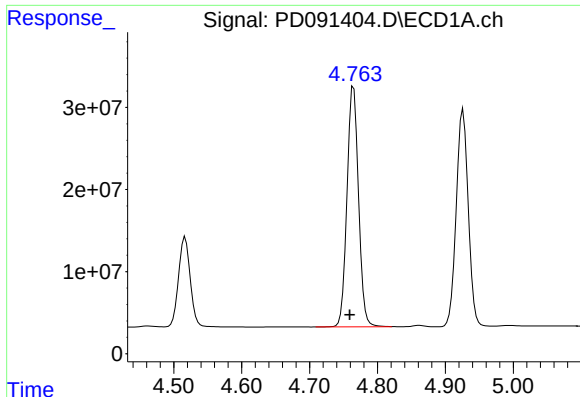
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 132159117
Conc: 45.49 ng/ml



#6 beta-BHC

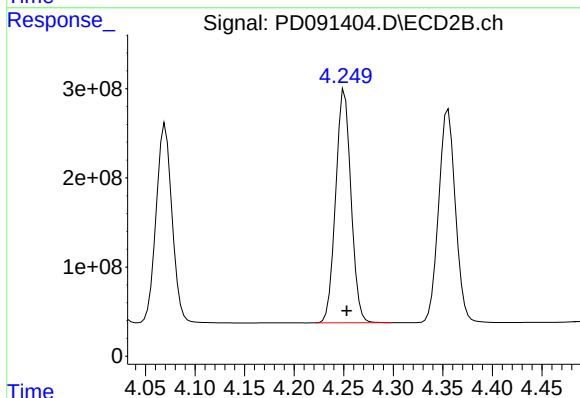
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1169686156
Conc: 48.68 ng/ml



#7 delta-BHC

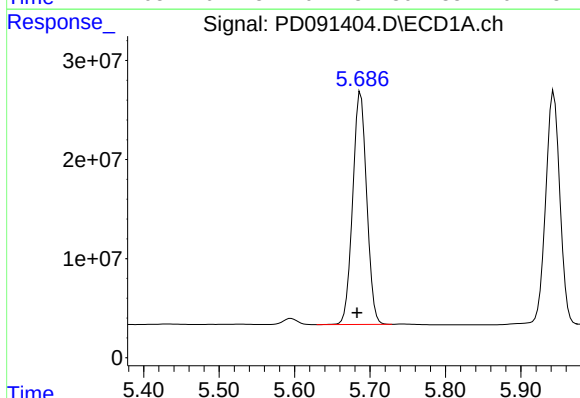
R.T.: 4.765 min
Delta R.T.: 0.006 min
Response: 345492776
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



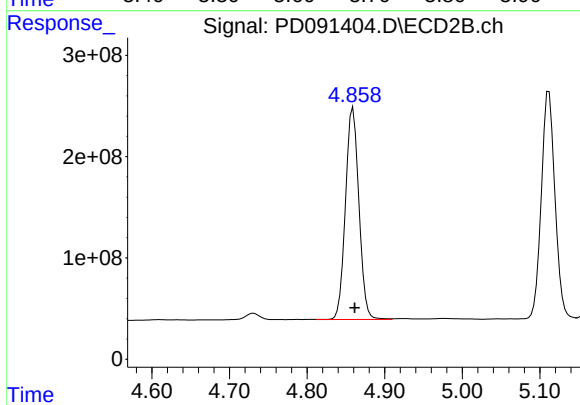
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2808752717
Conc: 48.03 ng/ml



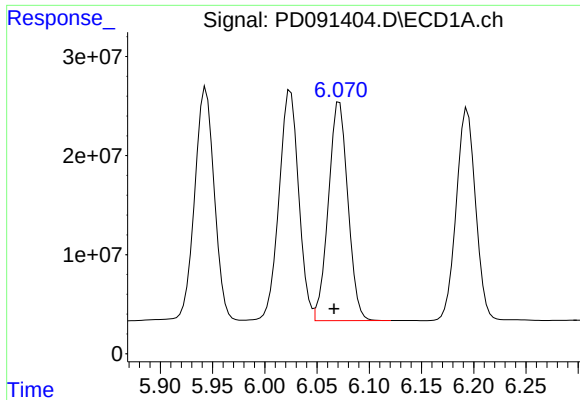
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 303085359
Conc: 46.65 ng/ml



#8 Heptachlor epoxide

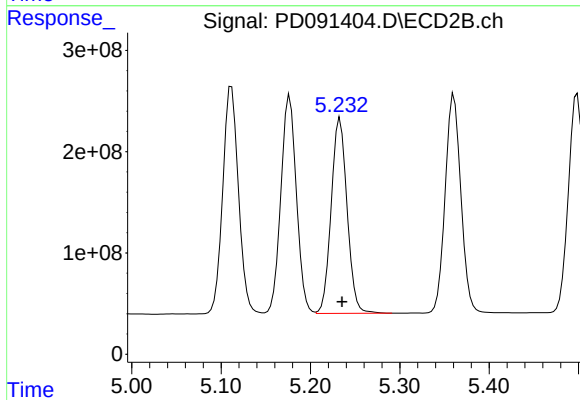
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2518691730
Conc: 49.43 ng/ml



#9 Endosulfan I

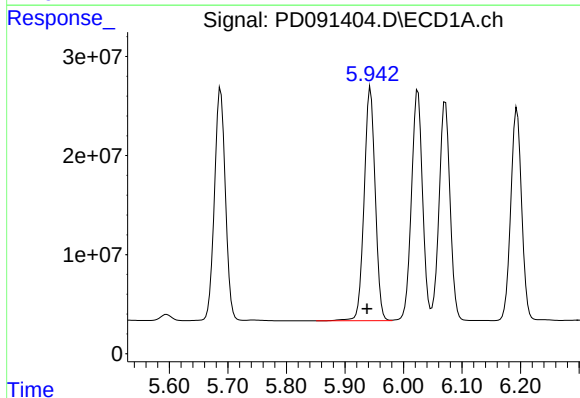
R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 286899247
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



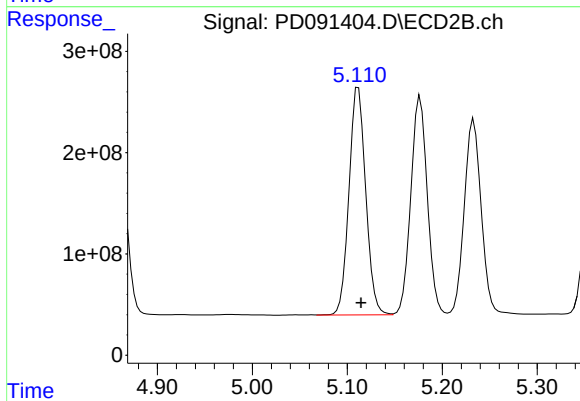
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 2385907185
Conc: 49.86 ng/ml



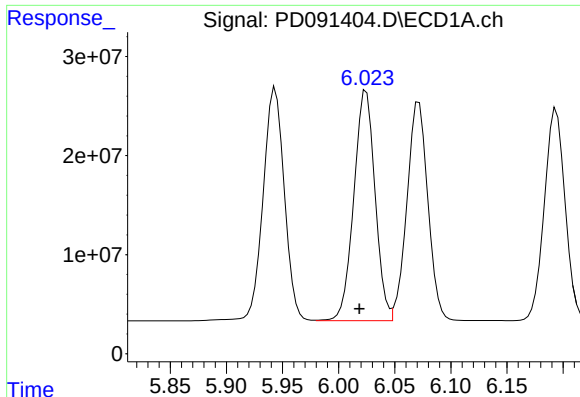
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.006 min
Response: 309479473
Conc: 47.61 ng/ml



#10 gamma-Chlordane

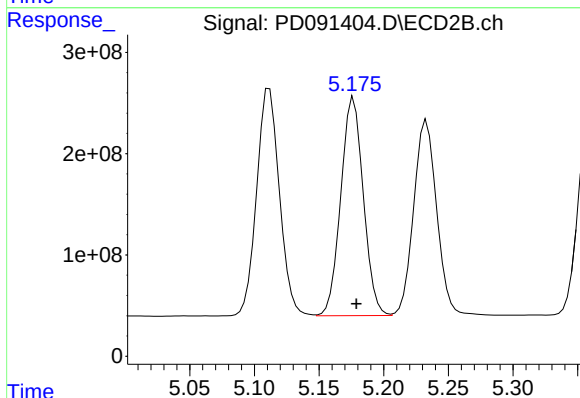
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2752238981
Conc: 50.38 ng/ml



#11 alpha-Chlordane

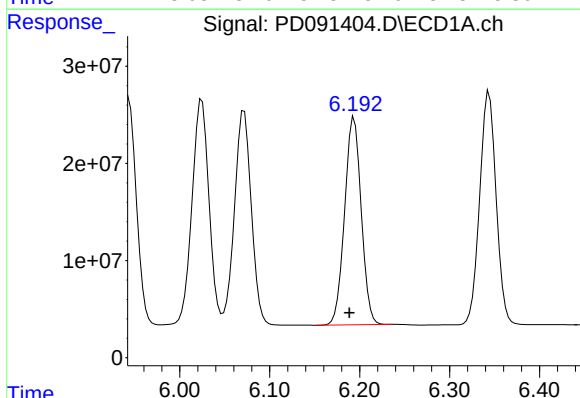
R.T.: 6.025 min
Delta R.T.: 0.006 min
Response: 305616001
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



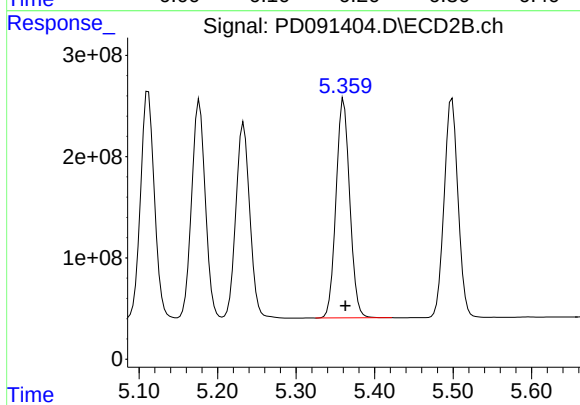
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2608889439
Conc: 49.85 ng/ml



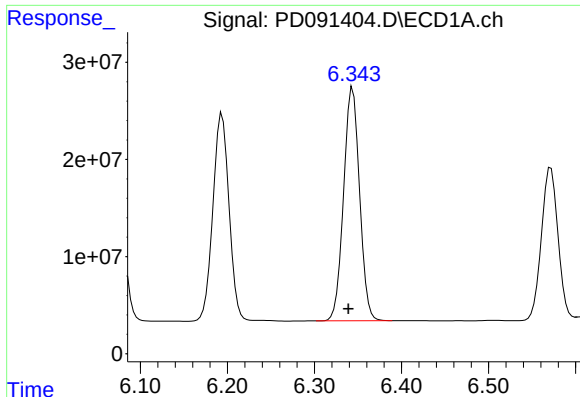
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 274286400
Conc: 47.30 ng/ml



#12 4,4'-DDE

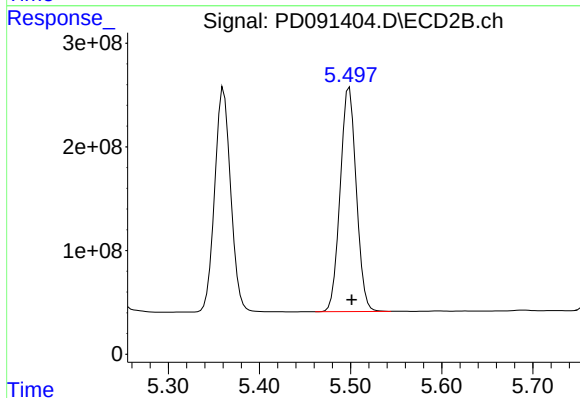
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2632593930
Conc: 49.26 ng/ml



#13 Dieldrin

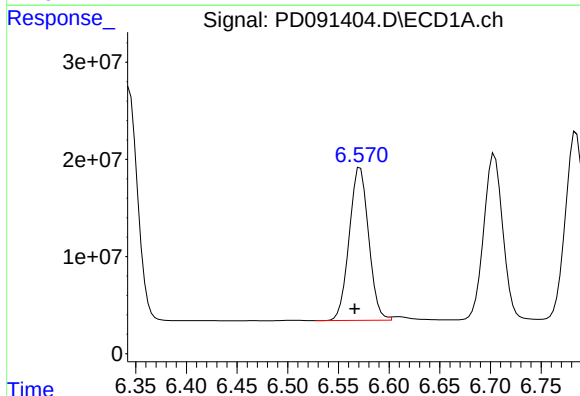
R.T.: 6.344 min
Delta R.T.: 0.005 min
Response: 305924077
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



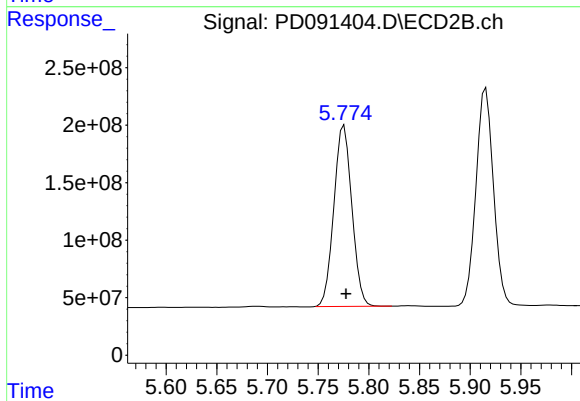
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2651480884
Conc: 48.82 ng/ml



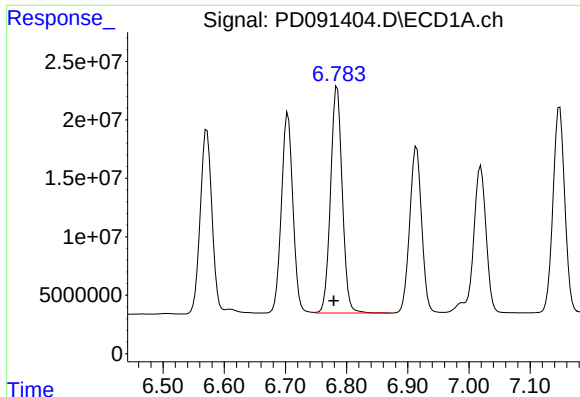
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.005 min
Response: 209570135
Conc: 42.22 ng/ml



#14 Endrin

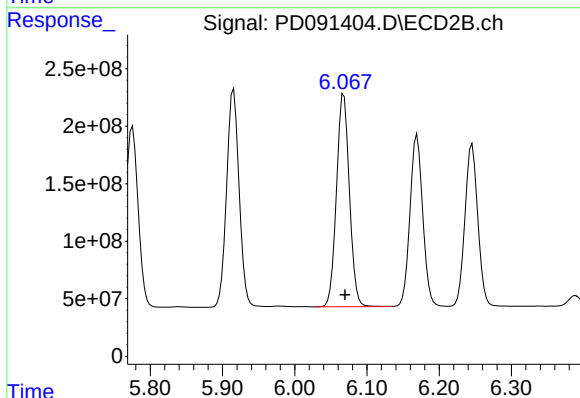
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 1947760796
Conc: 43.10 ng/ml



#15 Endosulfan II

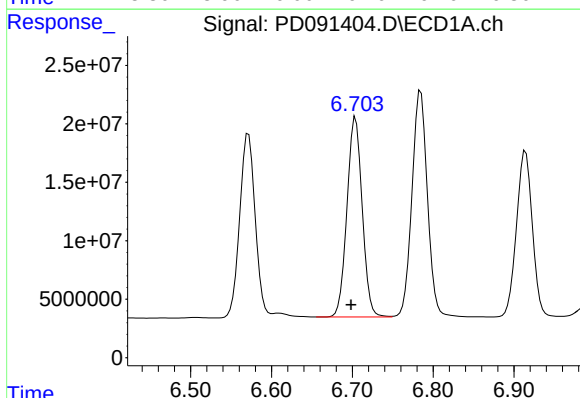
R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 257570551
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



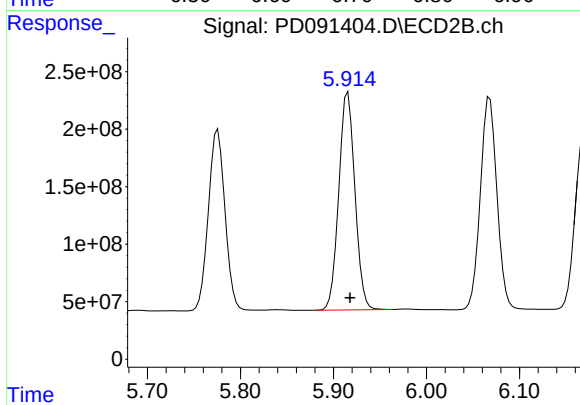
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2301762734
Conc: 49.31 ng/ml



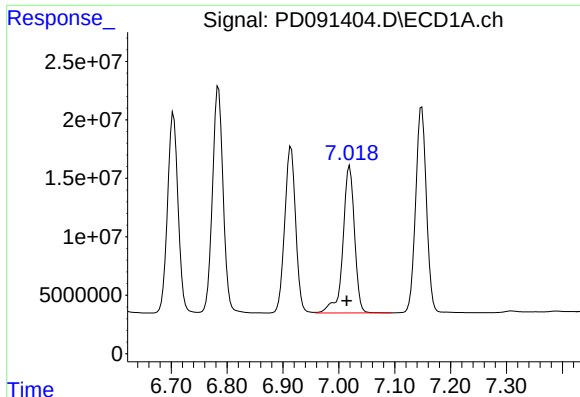
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.006 min
Response: 223964035
Conc: 45.60 ng/ml



#16 4,4'-DDD

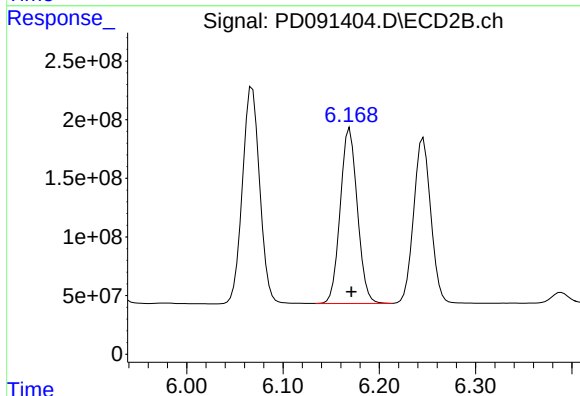
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2281307220
Conc: 46.68 ng/ml



#17 4,4'-DDT

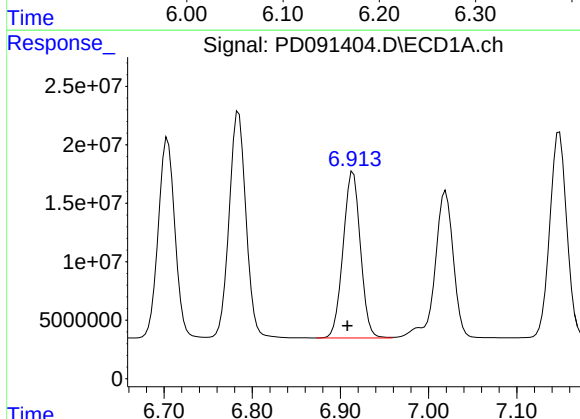
R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 181659935
Conc: 43.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



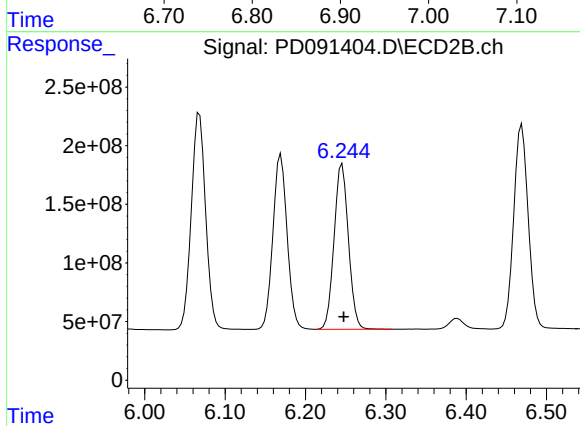
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 1842981611
Conc: 47.10 ng/ml



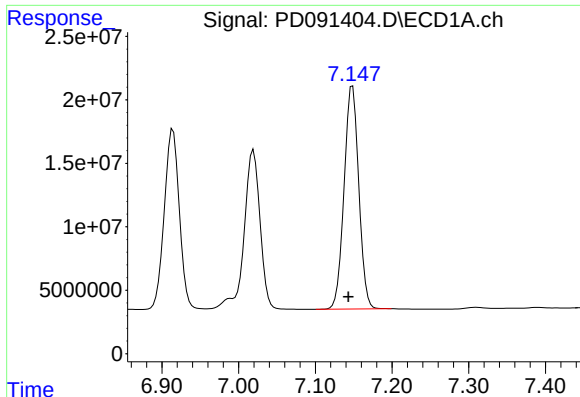
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 193811624
Conc: 46.52 ng/ml



#18 Endrin aldehyde

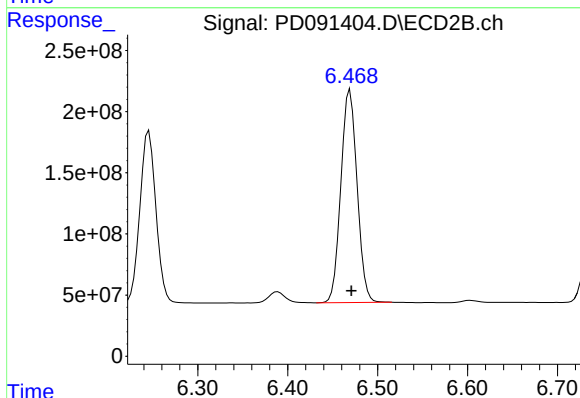
R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1750085683
Conc: 49.59 ng/ml



#19 Endosulfan Sulfate

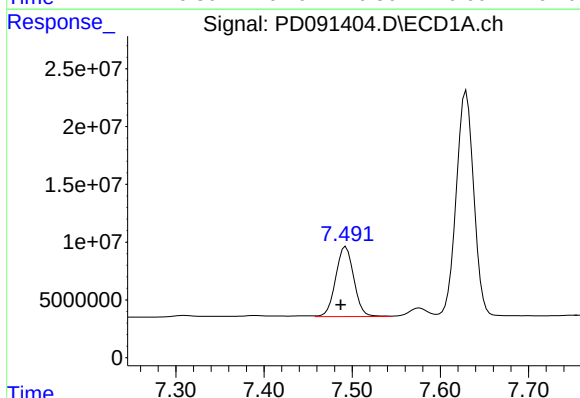
R.T.: 7.148 min
Delta R.T.: 0.005 min
Response: 234802810
Conc: 45.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



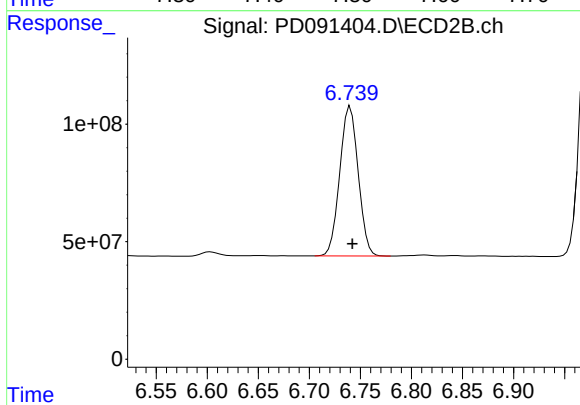
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2180521432
Conc: 48.63 ng/ml



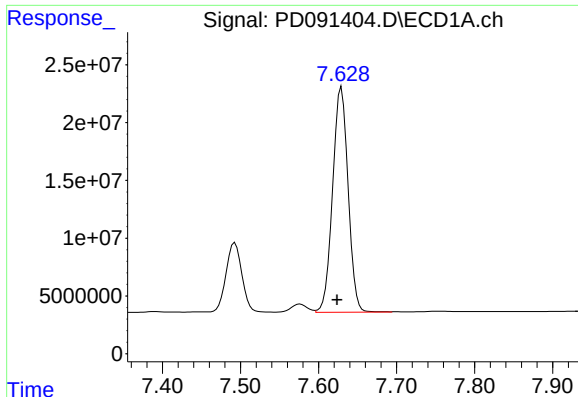
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 86301891
Conc: 39.69 ng/ml



#20 Methoxychlor

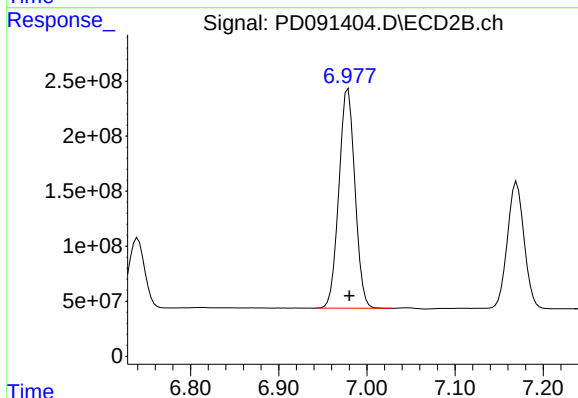
R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 802323655
Conc: 40.01 ng/ml



#21 Endrin ketone

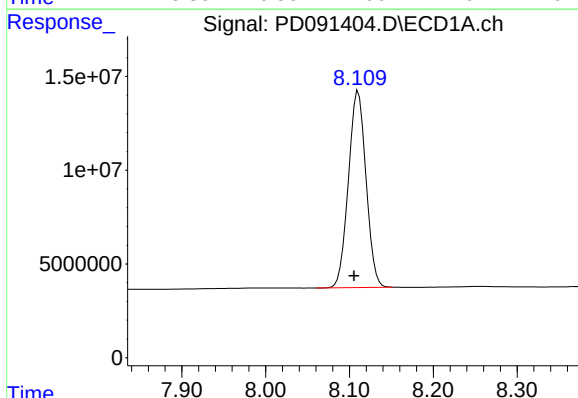
R.T.: 7.629 min
Delta R.T.: 0.006 min
Response: 268716485
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



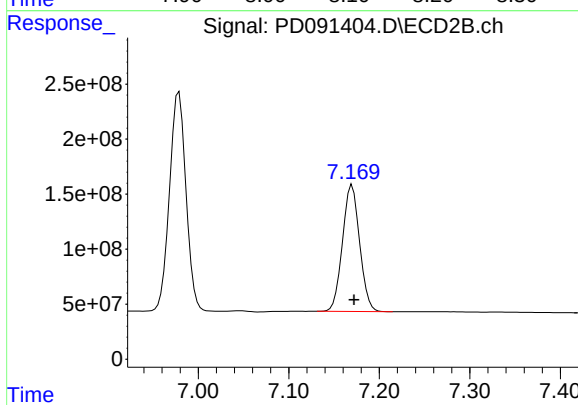
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 2523334944
Conc: 49.52 ng/ml



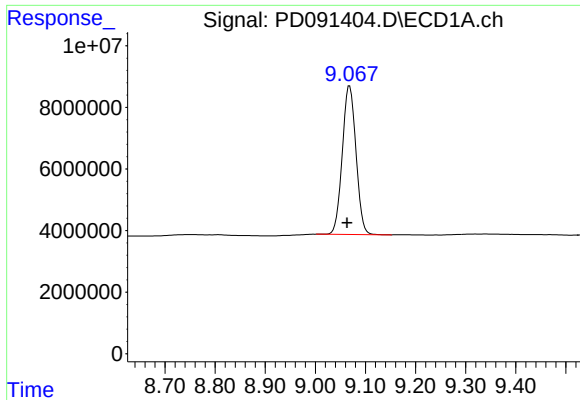
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.005 min
Response: 153236809
Conc: 43.08 ng/ml



#22 Mirex

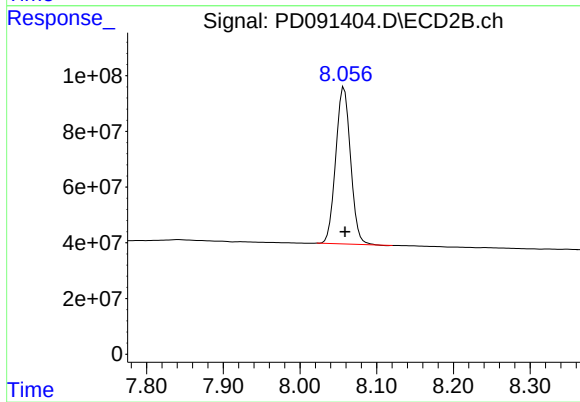
R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 1516151545
Conc: 45.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.005 min
Response: 91518508
Conc: 18.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 754635074
Conc: 19.07 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/17/25
Project:	NJ Soil PT		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MS		SDG No.:	Q3483
Lab Sample ID:	Q3662-02MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	84.7
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	16.7		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
319-85-7	beta-BHC	17.7		1	0.21	2.00	ug/kg	11/19/25 16:37	PB170628
319-86-8	delta-BHC	14.0		1	0.46	2.00	ug/kg	11/19/25 16:37	PB170628
58-89-9	gamma-BHC (Lindane)	15.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
76-44-8	Heptachlor	9.80		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
309-00-2	Aldrin	17.9		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
1024-57-3	Heptachlor epoxide	17.4		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
959-98-8	Endosulfan I	15.2		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
60-57-1	Dieldrin	17.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-55-9	4,4-DDE	18.1		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-20-8	Endrin	17.4		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
33213-65-9	Endosulfan II	15.2		1	0.34	2.00	ug/kg	11/19/25 16:37	PB170628
72-54-8	4,4-DDD	14.4		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
1031-07-8	Endosulfan Sulfate	11.8		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
50-29-3	4,4-DDT	9.10		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-43-5	Methoxychlor	8.20		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
53494-70-5	Endrin ketone	9.40		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
7421-93-4	Endrin aldehyde	6.40		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
5103-71-9	alpha-Chlordane	18.1		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
5103-74-2	gamma-Chlordane	20.5		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
2385-85-5	Mirex	15.8		1	0.20	2.00	ug/kg	11/19/25 16:37	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.0			10 - 143	55%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.7			10 - 131	74%	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

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\PD111925\
 Data File : PD091279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:37
 Operator : AR\AJ
 Sample : Q3662-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	49530956	538.9E6	14.363m	14.713
28)	SA Decachlor...	9.058	8.055	54845841	360.0E6	11.009m	9.098
Target Compounds							
2)	A alpha-BHC	3.990	3.383	332.5E6	2684.6E6	41.590	42.476
3)	MA gamma-BHC...	4.320	3.719	299.1E6	2321.1E6	40.021m	40.142
4)	MA Heptachlor	4.918	4.070	168.1E6	1382.0E6	23.475	25.031
5)	MB Aldrin	5.260	4.356	321.6E6	2570.7E6	44.320	45.533
6)	B beta-BHC	4.509	4.015	127.1E6	1082.7E6	43.732	45.060
7)	B delta-BHC	4.757	4.251	265.0E6	2090.5E6	35.657	35.750
8)	B Heptachlo...	5.680	4.859	282.4E6	2255.0E6	43.462	44.251
9)	A Endosulfan I	6.063	5.234	237.6E6	1795.0E6	38.673	37.511
10)	B gamma-Chl...	5.934	5.112	296.7E6	2845.9E6	45.641m	52.097
11)	B alpha-Chl...	6.017	5.176	314.7E6	2415.3E6	45.716	46.155
12)	B 4,4'-DDE	6.186	5.360	257.7E6	2464.3E6	44.443	46.111
13)	MA Dieldrin	6.336	5.498	275.4E6	2458.7E6	42.593	45.270
14)	MA Endrin	6.563	5.775	219.8E6	1867.5E6	44.289	41.322
15)	B Endosulfa...	6.775	6.065	212.0E6	1807.0E6	38.141m	38.710m
16)	A 4,4'-DDD	6.696	5.915	179.6E6	1608.0E6	36.574	32.905
17)	MA 4,4'-DDT	7.011	6.169	88384940	910.7E6	21.372	23.271
18)	B Endrin al...	6.906	6.245	67752068	563.9E6	16.263	15.979
19)	B Endosulfa...	7.140	6.468	154.7E6	1283.9E6	30.079	28.635
20)	A Methoxychlor	7.485	6.739	45416910	398.5E6	20.888	19.876
21)	B Endrin ke...	7.620	6.977	135.4E6	1135.9E6	24.043	22.291
22)	Mirex	8.100	7.170	143.2E6	1243.7E6	40.268m	37.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:37
Operator : AR\AJ
Sample : Q3662-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

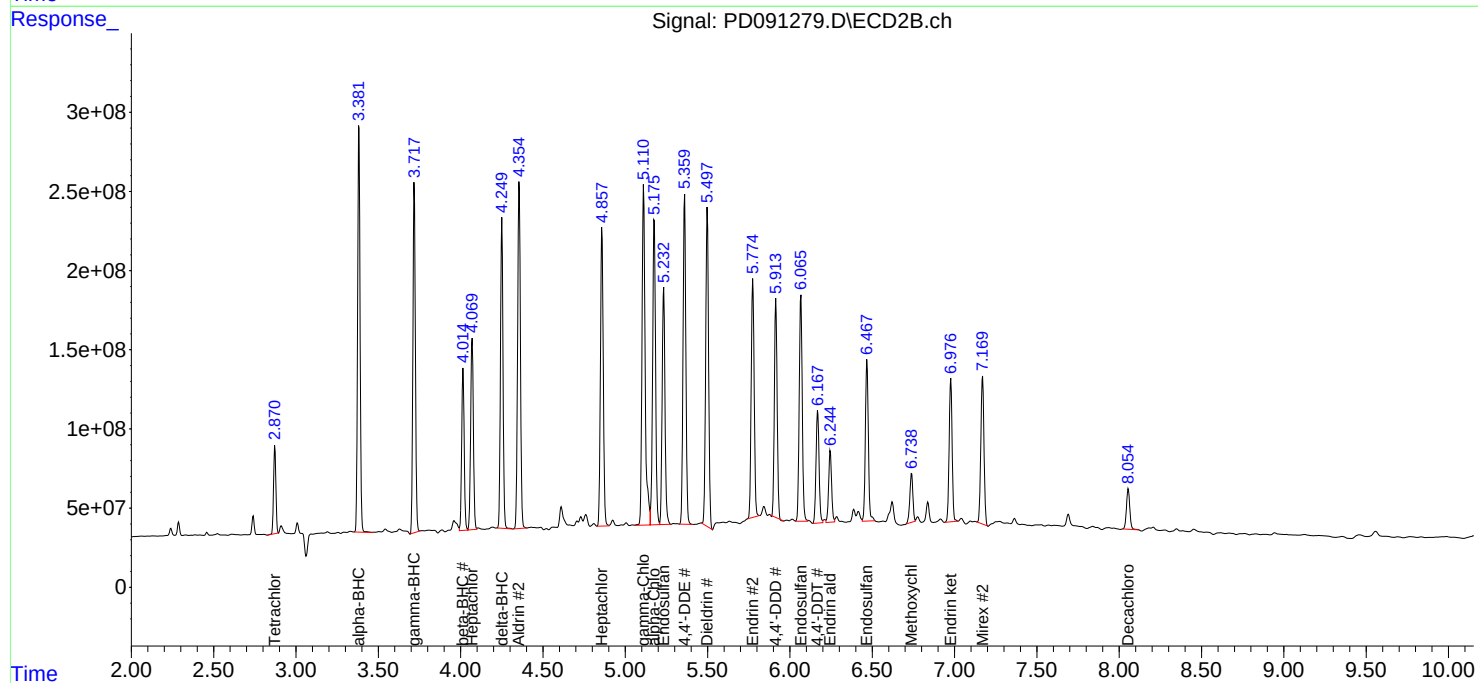
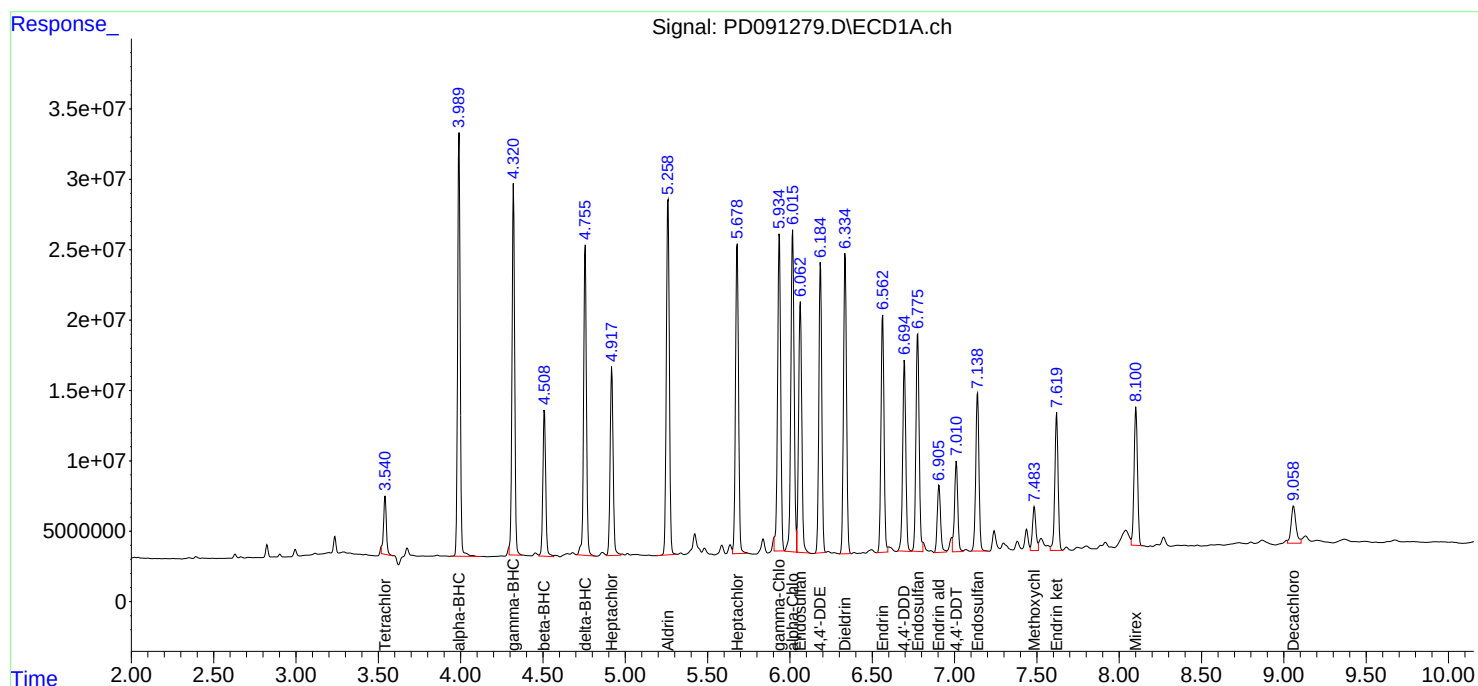
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

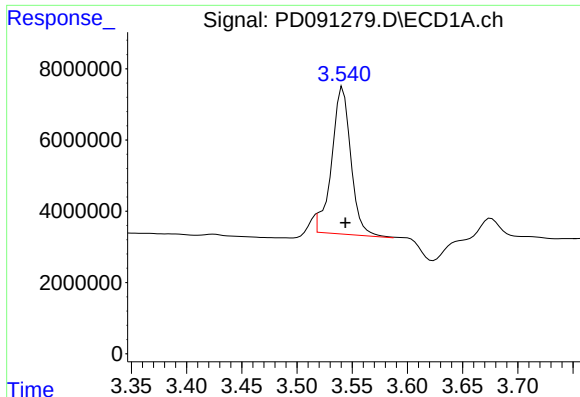
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





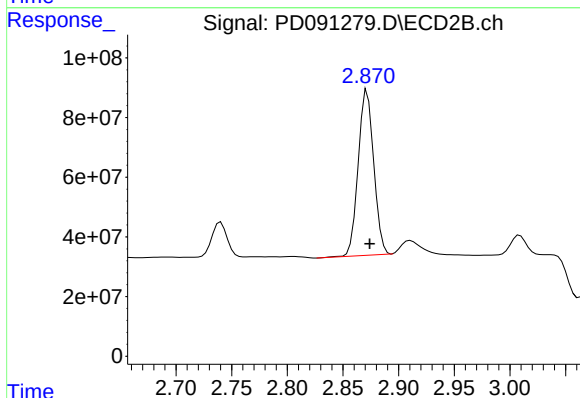
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 49530956
Conc: 14.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

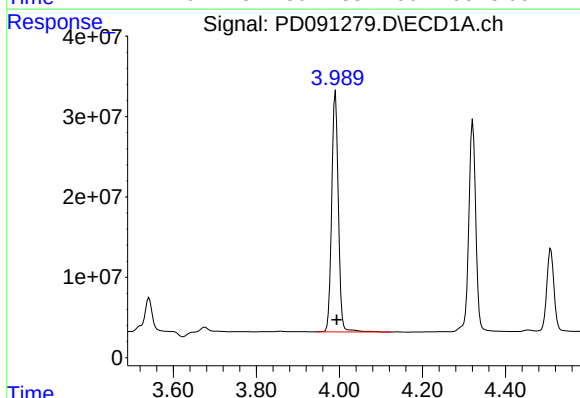
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



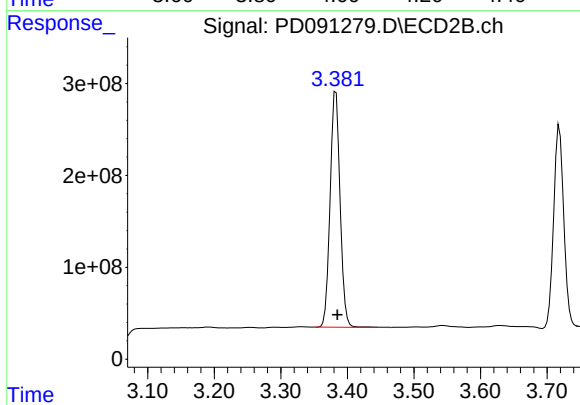
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 538946637
Conc: 14.71 ng/ml



#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 332536660
Conc: 41.59 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2684607125
Conc: 42.48 ng/ml

Response_

Signal: PD091279.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 299072189
Conc: 40.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

B3-0.0-1.0-20251117MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Time

Response

Signal: PD091279.D\ECD2B.ch

#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2321086162
Conc: 40.14 ng/ml

Time

Response

Signal: PD091279.D\ECD1A.ch

#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 168118911
Conc: 23.47 ng/ml

Time

Response

Signal: PD091279.D\ECD2B.ch

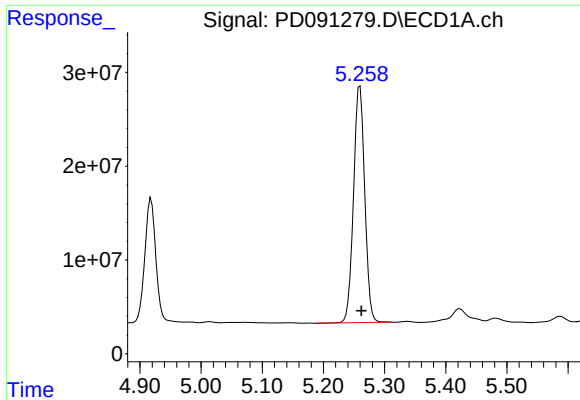
#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 1381957013
Conc: 25.03 ng/ml

Time

Response

Signal: PD091279.D\ECD2B.ch



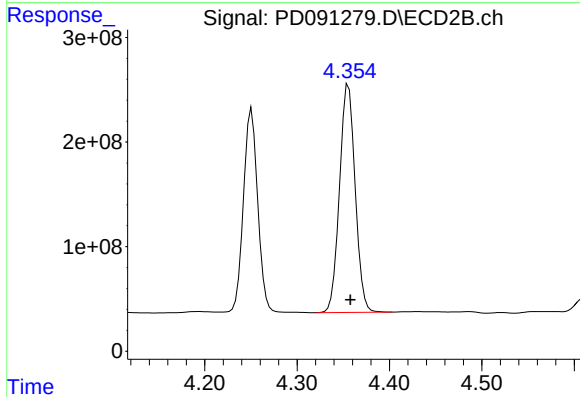
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 321601102
Conc: 44.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

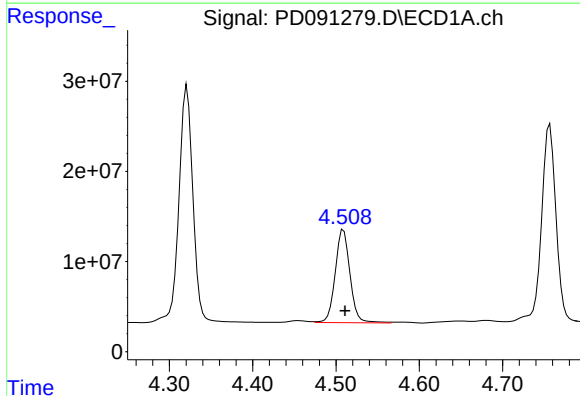
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



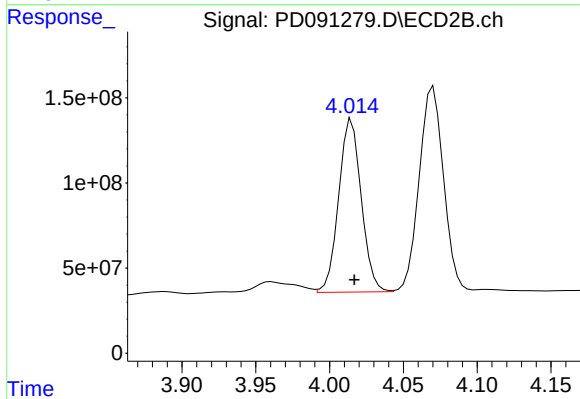
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2570708195
Conc: 45.53 ng/ml



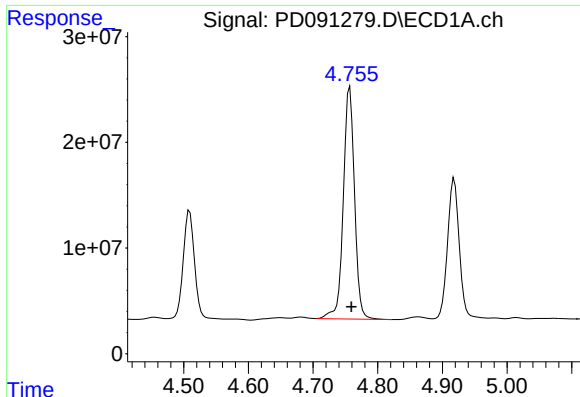
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 127063860
Conc: 43.73 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1082654053
Conc: 45.06 ng/ml



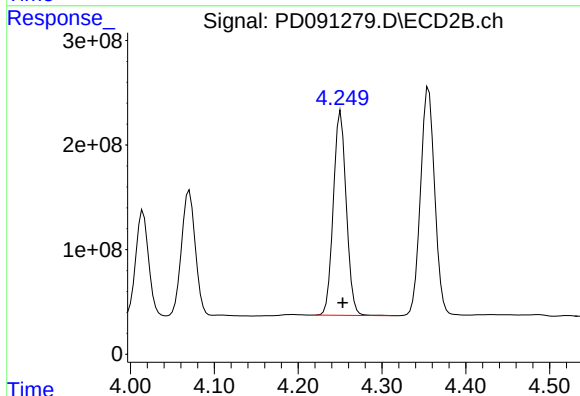
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 265003103
Conc: 35.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

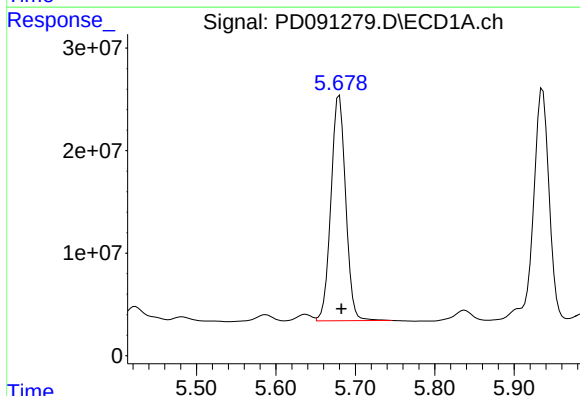
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



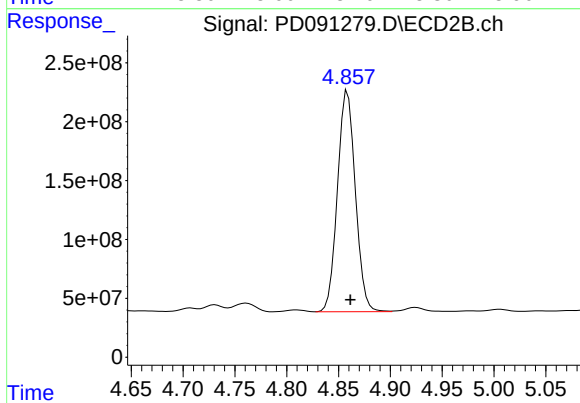
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2090530138
Conc: 35.75 ng/ml



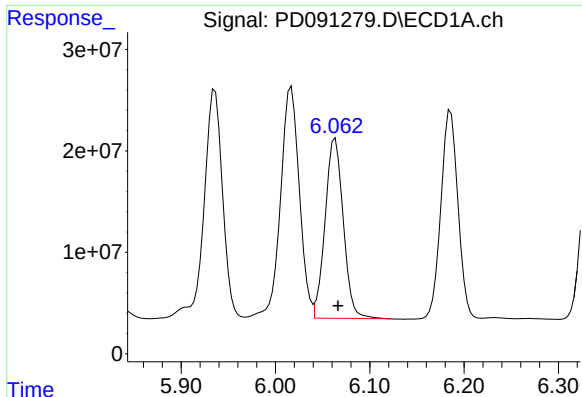
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 282360325
Conc: 43.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 2254978567
Conc: 44.25 ng/ml



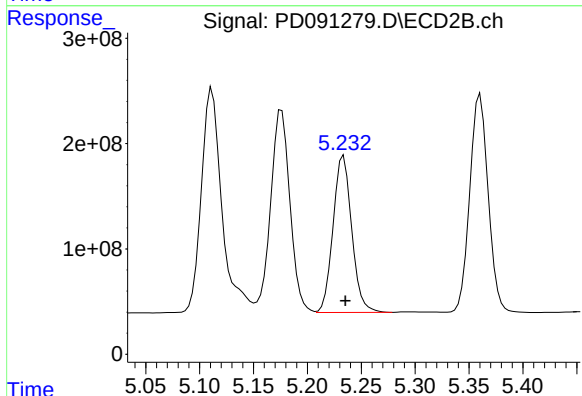
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 237566133
Conc: 38.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

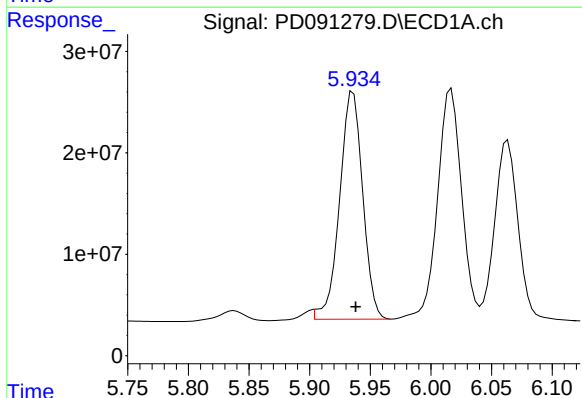
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



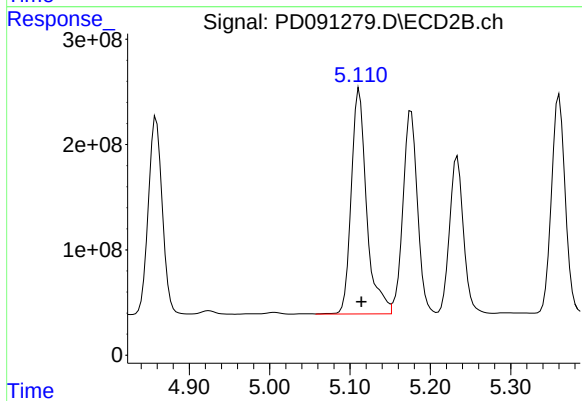
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 1794961903
Conc: 37.51 ng/ml



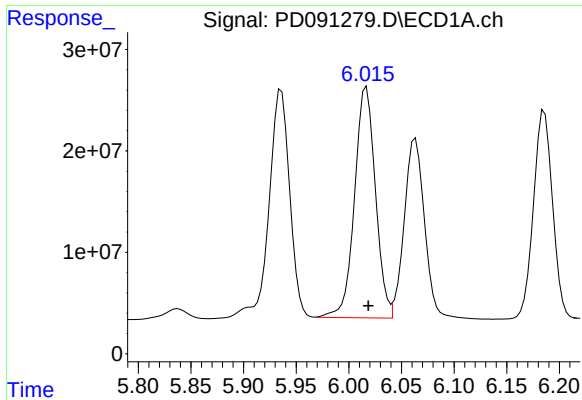
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 296699214
Conc: 45.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2845939047
Conc: 52.10 ng/ml



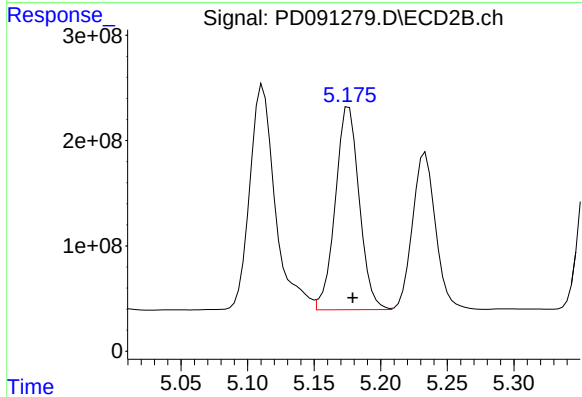
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 314654676
Conc: 45.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

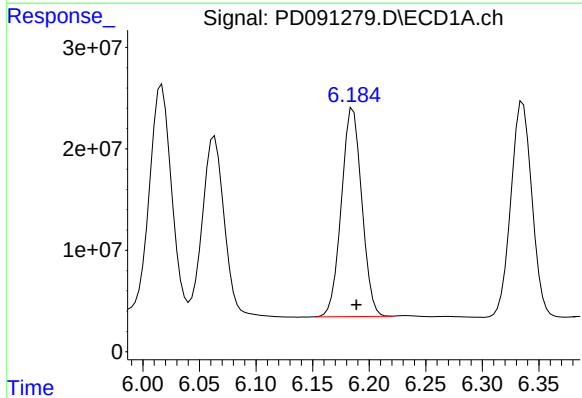
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



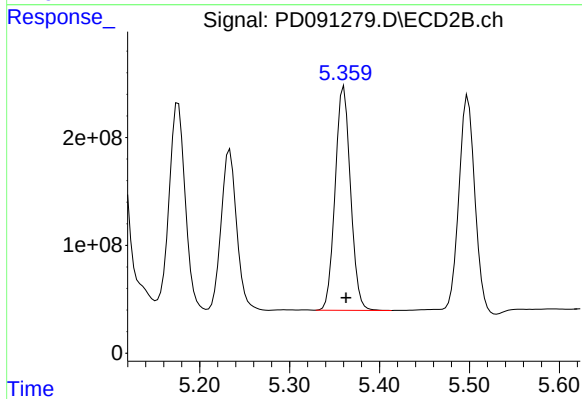
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 2415336293
Conc: 46.15 ng/ml



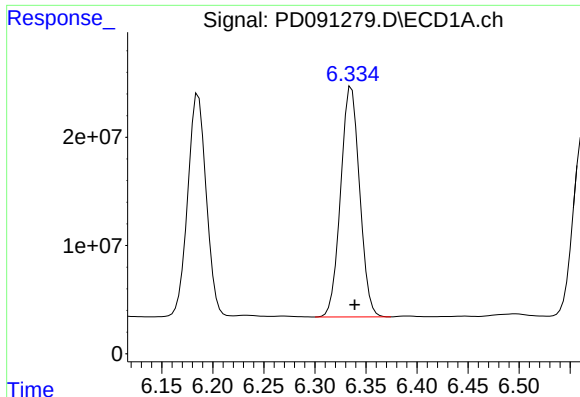
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 257743046
Conc: 44.44 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 2464251479
Conc: 46.11 ng/ml



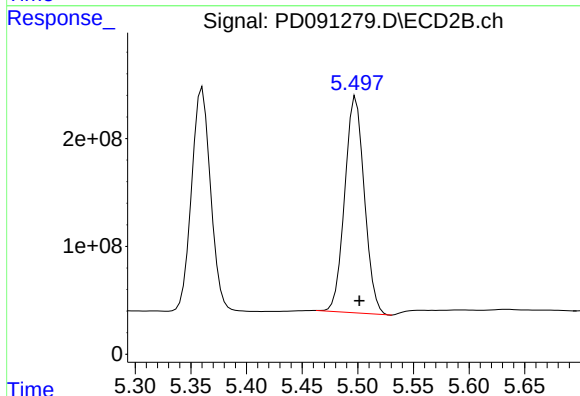
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 275357579
Conc: 42.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

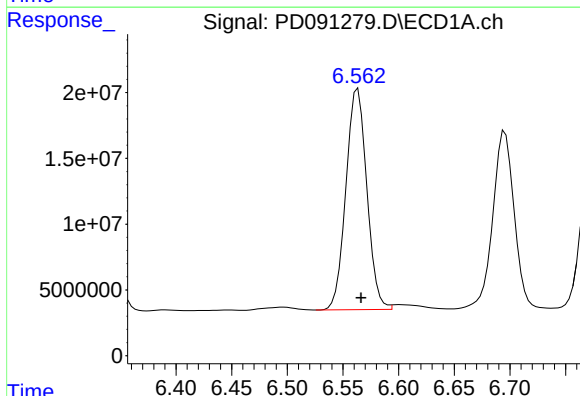
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



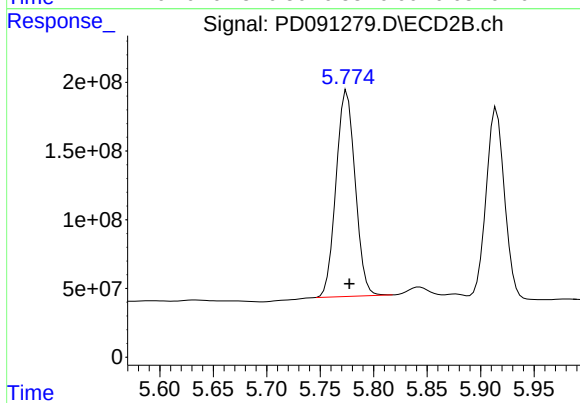
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 2458681895
Conc: 45.27 ng/ml



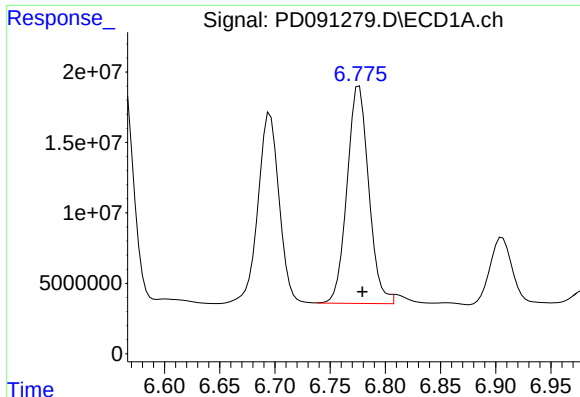
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 219827067
Conc: 44.29 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 1867464003
Conc: 41.32 ng/ml



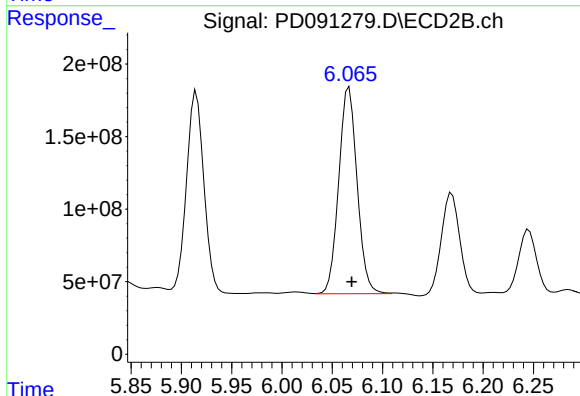
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 212036497
Conc: 38.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

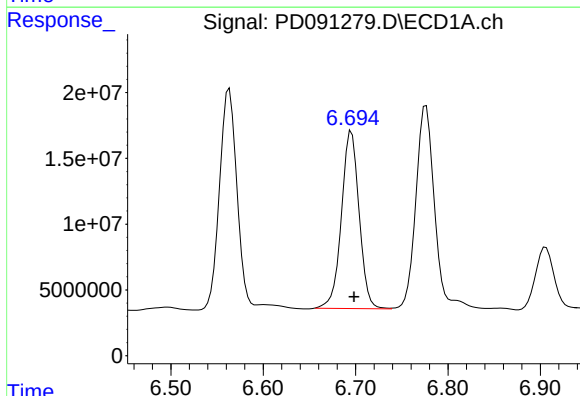
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



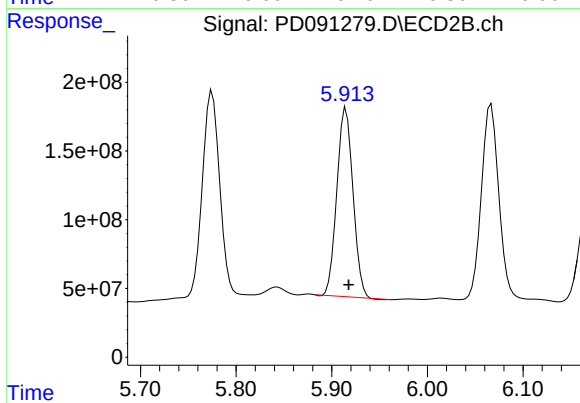
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 1806989034
Conc: 38.71 ng/ml m



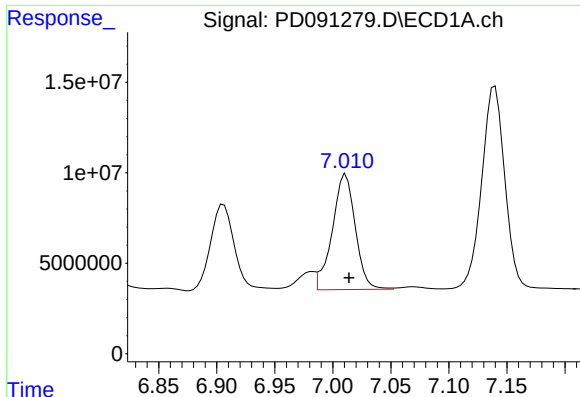
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 179633374
Conc: 36.57 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 1608028456
Conc: 32.91 ng/ml



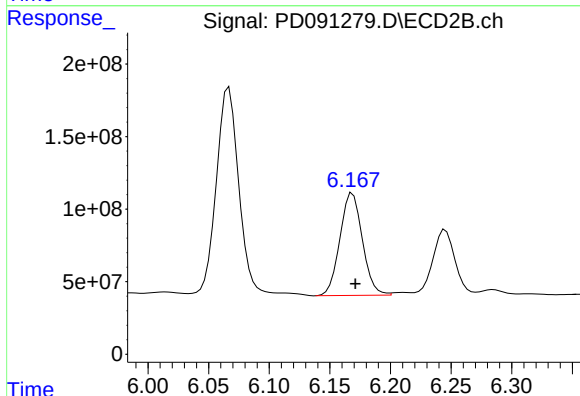
#17 4,4'-DDT

R.T.: 7.011 min
 Delta R.T.: -0.003 min
 Response: 88384940
 Conc: 21.37 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MS

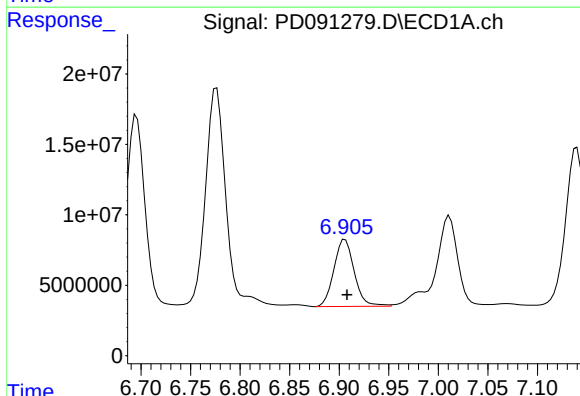
Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025



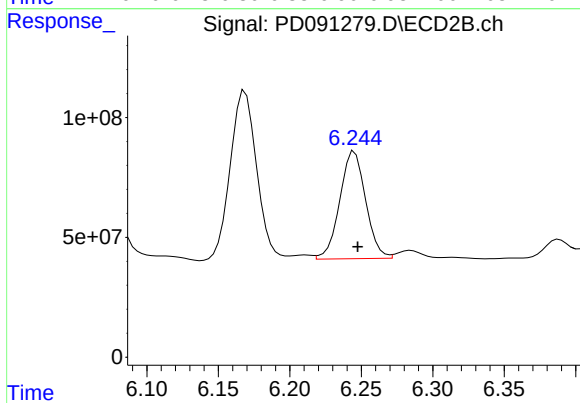
#17 4,4'-DDT

R.T.: 6.169 min
 Delta R.T.: -0.002 min
 Response: 910654492
 Conc: 23.27 ng/ml



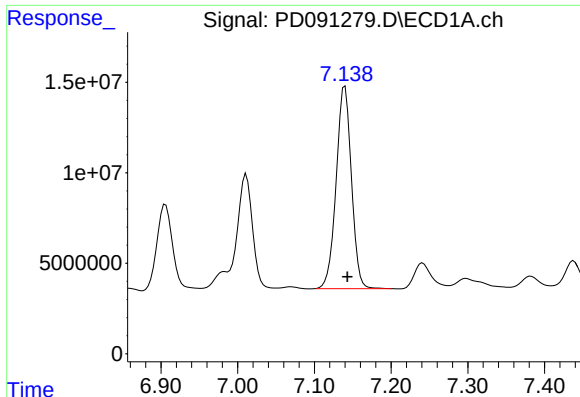
#18 Endrin aldehyde

R.T.: 6.906 min
 Delta R.T.: -0.002 min
 Response: 67752068
 Conc: 16.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
 Delta R.T.: -0.002 min
 Response: 563873196
 Conc: 15.98 ng/ml



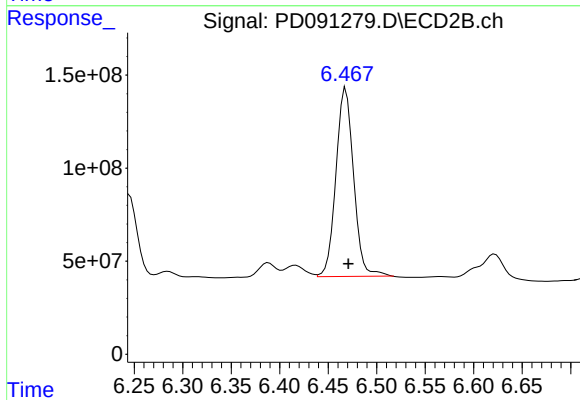
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 154749303
Conc: 30.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

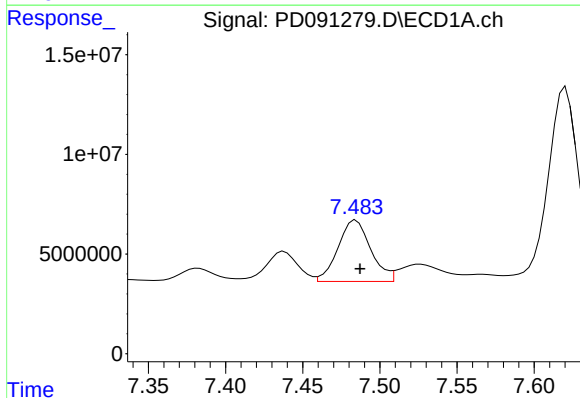
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



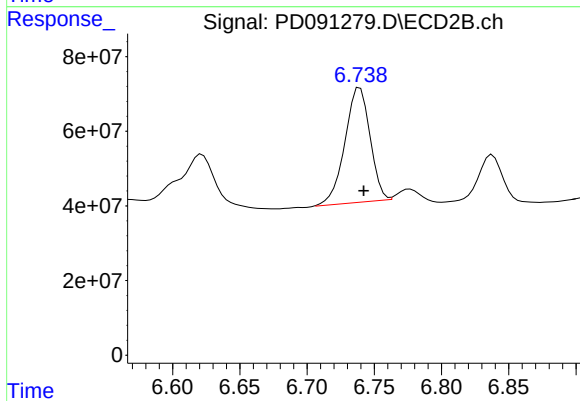
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 1283860608
Conc: 28.64 ng/ml



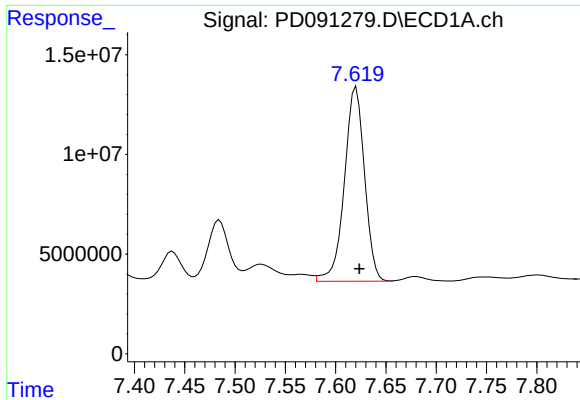
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 45416910
Conc: 20.89 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 398537347
Conc: 19.88 ng/ml



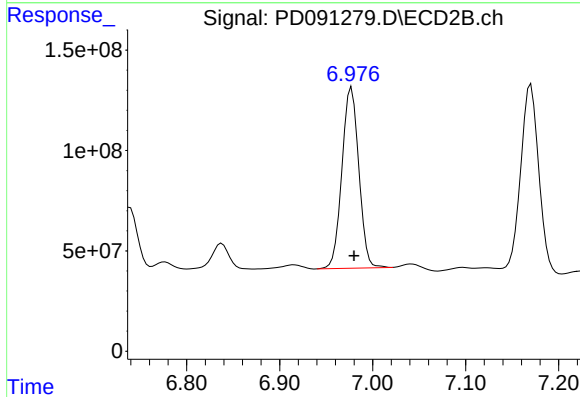
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 135445869
Conc: 24.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

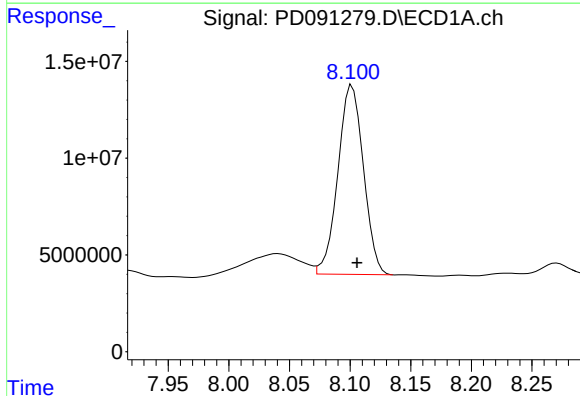
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



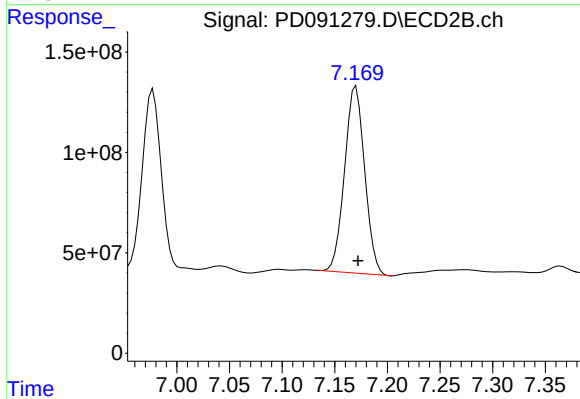
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 1135860715
Conc: 22.29 ng/ml



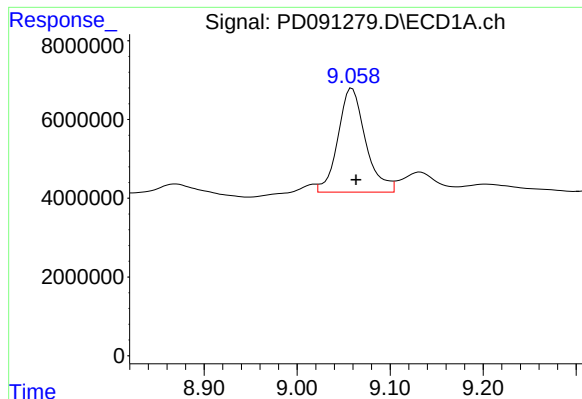
#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.005 min
Response: 143235131
Conc: 40.27 ng/ml m



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 1243713277
Conc: 37.53 ng/ml



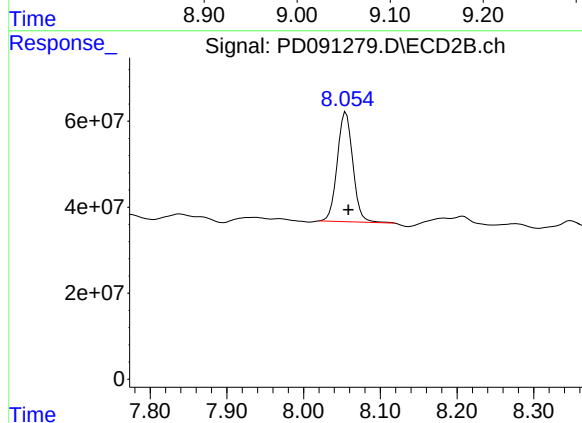
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.006 min
Response: 54845841
Conc: 11.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 360036996
Conc: 9.10 ng/ml



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/17/25
Project:	NJ Soil PT		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MSD		SDG No.:	Q3483
Lab Sample ID:	Q3662-02MSD		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	84.7
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	SW3541B		Prep Date:	11/19/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.9		1	0.15	2.00	ug/kg	11/19/25 16:51	PB170628
319-85-7	beta-BHC	18.0		1	0.21	2.00	ug/kg	11/19/25 16:51	PB170628
319-86-8	delta-BHC	16.7		1	0.46	2.00	ug/kg	11/19/25 16:51	PB170628
58-89-9	gamma-BHC (Lindane)	17.3		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
76-44-8	Heptachlor	11.0		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
309-00-2	Aldrin	18.0		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
1024-57-3	Heptachlor epoxide	17.6		1	0.22	2.00	ug/kg	11/19/25 16:51	PB170628
959-98-8	Endosulfan I	16.4		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
60-57-1	Dieldrin	17.7		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-55-9	4,4-DDE	17.8		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-20-8	Endrin	17.7		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
33213-65-9	Endosulfan II	16.3		1	0.34	2.00	ug/kg	11/19/25 16:51	PB170628
72-54-8	4,4-DDD	15.5		1	0.18	2.00	ug/kg	11/19/25 16:51	PB170628
1031-07-8	Endosulfan Sulfate	14.2		1	0.15	2.00	ug/kg	11/19/25 16:51	PB170628
50-29-3	4,4-DDT	11.6		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-43-5	Methoxychlor	10.2		1	0.44	2.00	ug/kg	11/19/25 16:51	PB170628
53494-70-5	Endrin ketone	13.4		1	0.22	2.00	ug/kg	11/19/25 16:51	PB170628
7421-93-4	Endrin aldehyde	10.0		1	0.44	2.00	ug/kg	11/19/25 16:51	PB170628
5103-71-9	alpha-Chlordane	18.1		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
5103-74-2	gamma-Chlordane	20.2		1	0.18	2.00	ug/kg	11/19/25 16:51	PB170628
2385-85-5	Mirex	15.5		1	0.20	2.00	ug/kg	11/19/25 16:51	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	10.7			10 - 143	53%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.3			10 - 131	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

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\PD111925\
 Data File : PD091280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:51
 Operator : AR\AJ
 Sample : Q3662-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	48588177	560.8E6	14.089m	15.309
28)	SA Decachlor...	9.059	8.054	53098325	385.8E6	10.658	9.749
Target Compounds							
2)	A alpha-BHC	3.991	3.383	358.0E6	2882.3E6	44.773	45.605
3)	MA gamma-BHC...	4.320	3.719	326.6E6	2550.8E6	43.702m	44.115
4)	MA Heptachlor	4.918	4.070	187.7E6	1546.5E6	26.202	28.011
5)	MB Aldrin	5.260	4.356	324.0E6	2590.0E6	44.655	45.875
6)	B beta-BHC	4.509	4.015	127.6E6	1103.0E6	43.919	45.907
7)	B delta-BHC	4.757	4.251	316.1E6	2490.5E6	42.537	42.589
8)	B Heptachlo...	5.680	4.859	280.4E6	2289.5E6	43.161	44.929
9)	A Endosulfan I	6.064	5.233	257.0E6	1937.6E6	41.844	40.492
10)	B gamma-Chl...	5.934	5.112	290.0E6	2806.0E6	44.608m	51.367
11)	B alpha-Chl...	6.017	5.176	308.4E6	2410.0E6	44.803	46.054
12)	B 4,4'-DDE	6.186	5.361	252.3E6	2425.9E6	43.512	45.392
13)	MA Dieldrin	6.337	5.499	277.7E6	2448.3E6	42.960	45.078
14)	MA Endrin	6.563	5.775	224.2E6	1925.4E6	45.173	42.604
15)	B Endosulfa...	6.775	6.065	229.8E6	1941.6E6	41.337m	41.594m
16)	A 4,4'-DDD	6.695	5.915	194.0E6	1737.3E6	39.489	35.550
17)	MA 4,4'-DDT	7.011	6.168	122.4E6	1142.8E6	29.609	29.202
18)	B Endrin al...	6.906	6.245	105.7E6	893.9E6	25.370	25.331
19)	B Endosulfa...	7.140	6.468	185.6E6	1550.3E6	36.068	34.577
20)	A Methoxychlor	7.484	6.739	56368320	484.0E6	25.924	24.136
21)	B Endrin ke...	7.621	6.977	191.8E6	1532.5E6	34.040	30.074
22)	Mirex	8.101	7.169	140.3E6	1213.8E6	39.456m	36.628

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:51
Operator : AR\AJ
Sample : Q3662-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

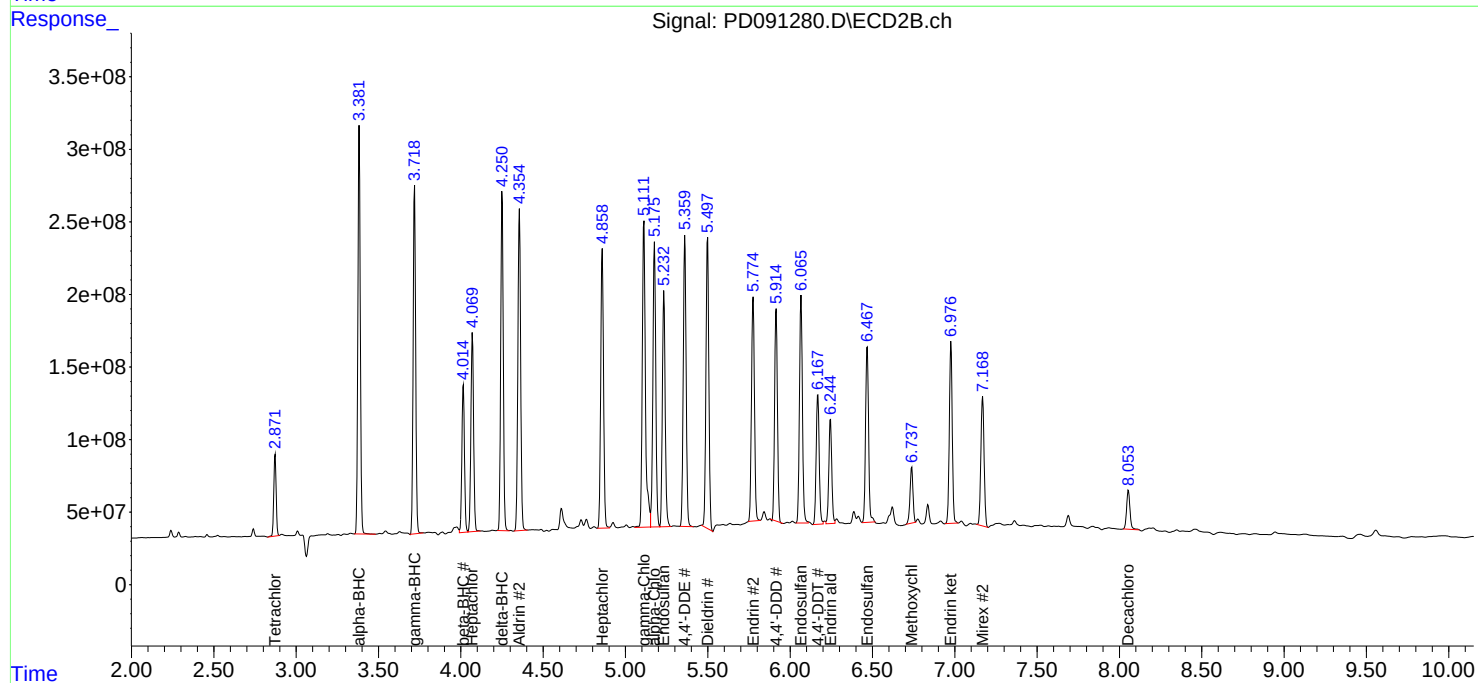
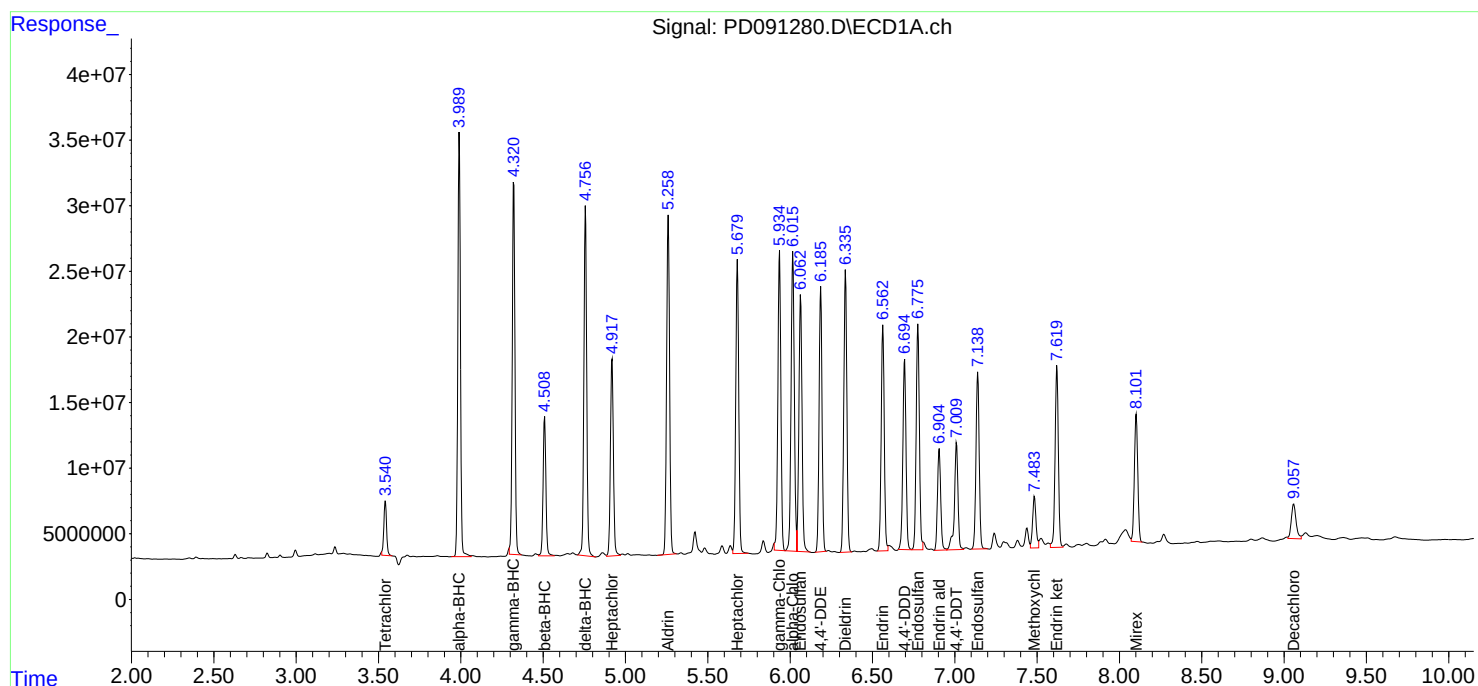
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

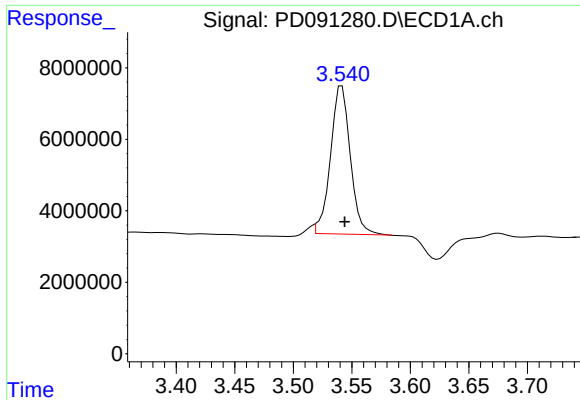
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





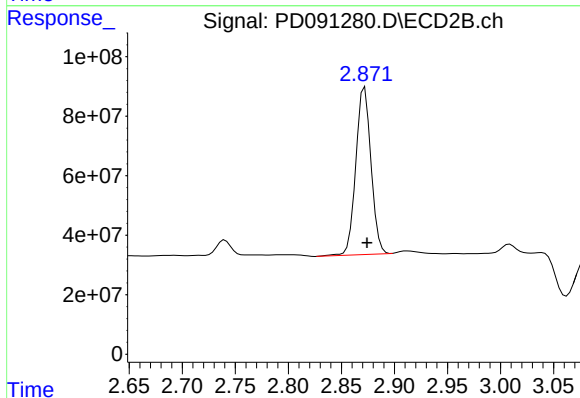
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 48588177
Conc: 14.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

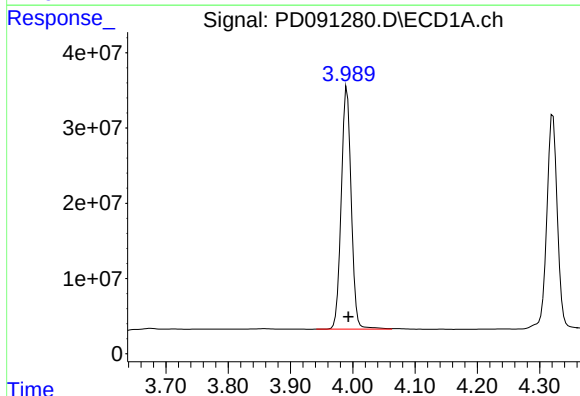
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



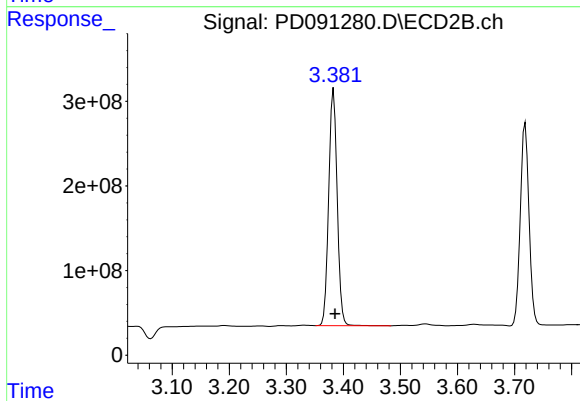
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 560778473
Conc: 15.31 ng/ml



#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 357979618
Conc: 44.77 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2882342689
Conc: 45.60 ng/ml

Response_

Signal: PD091280.D\ECD1A.ch

#3 gamma-BHC (Lindane)

R.T.: 4.320 min

Delta R.T.: -0.004 min

Response: 326581104

Conc: 43.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

B3-0.0-1.0-20251117MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Time

Response_

Signal: PD091280.D\ECD2B.ch

#3 gamma-BHC (Lindane)

R.T.: 3.719 min

Delta R.T.: -0.002 min

Response: 2550792396

Conc: 44.12 ng/ml

Time

Response_

Signal: PD091280.D\ECD1A.ch

#4 Heptachlor

R.T.: 4.918 min

Delta R.T.: -0.003 min

Response: 187650153

Conc: 26.20 ng/ml

Time

Response_

Signal: PD091280.D\ECD2B.ch

#4 Heptachlor

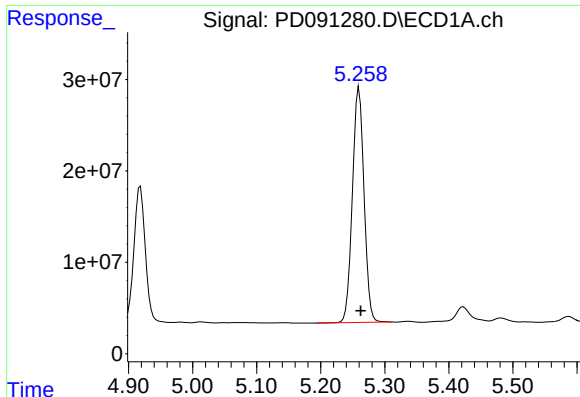
R.T.: 4.070 min

Delta R.T.: -0.002 min

Response: 1546476831

Conc: 28.01 ng/ml

Time



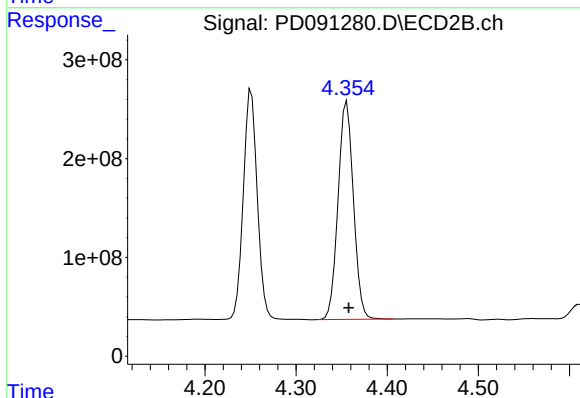
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 324031383
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

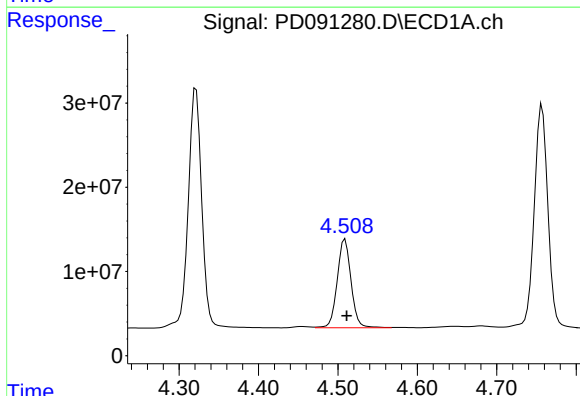
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



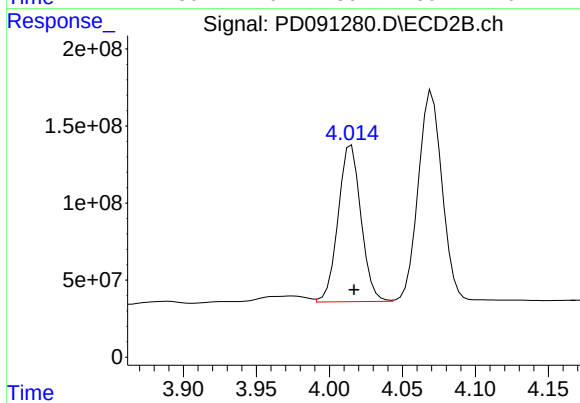
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2590049087
Conc: 45.88 ng/ml



#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 127606640
Conc: 43.92 ng/ml

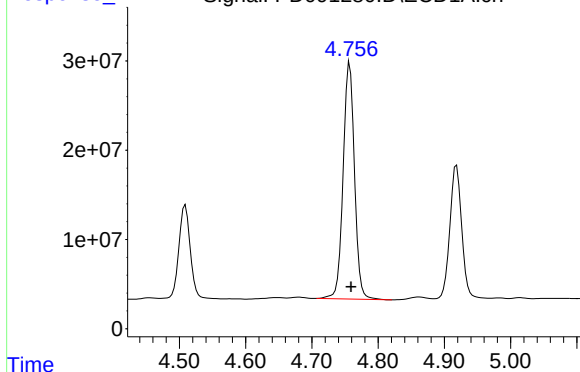


#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1102999371
Conc: 45.91 ng/ml

Response_ Signal: PD091280.D\ECD1A.ch

#7 delta-BHC



R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 316135967
Conc: 42.54 ng/ml

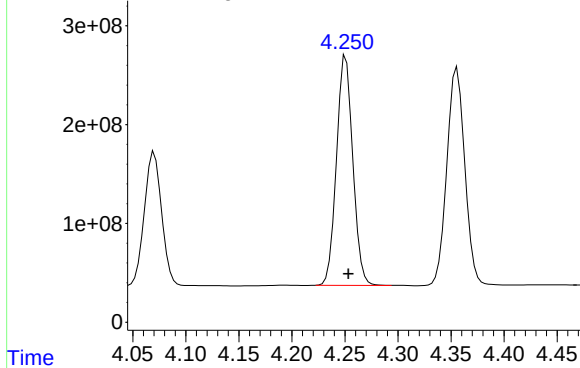
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Time Response_ Signal: PD091280.D\ECD2B.ch

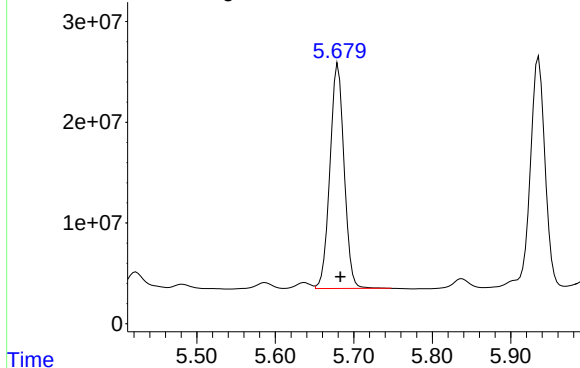
#7 delta-BHC



R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2490458222
Conc: 42.59 ng/ml

Response_ Signal: PD091280.D\ECD1A.ch

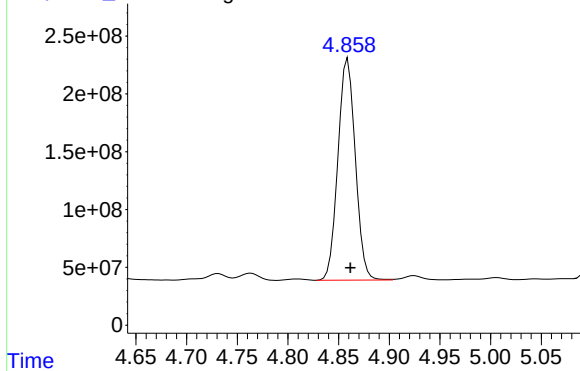
#8 Heptachlor epoxide



R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 280408058
Conc: 43.16 ng/ml

Time Response_ Signal: PD091280.D\ECD2B.ch

#8 Heptachlor epoxide



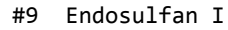
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2289545720
Conc: 44.93 ng/ml



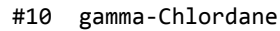
R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 257045222
Conc: 41.84 ng/ml

Instrument : ECD_D
ClientSampleId : B3-0.0-1.0-20251117MSD

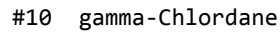
Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



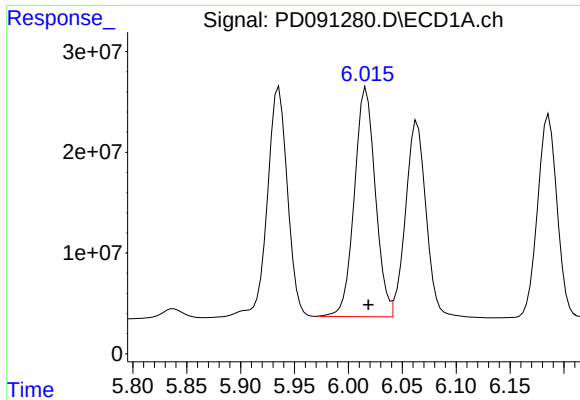
R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 1937592377
Conc: 40.49 ng/ml



R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 289989104
Conc: 44.61 ng/ml



R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2806027890
Conc: 51.37 ng/ml



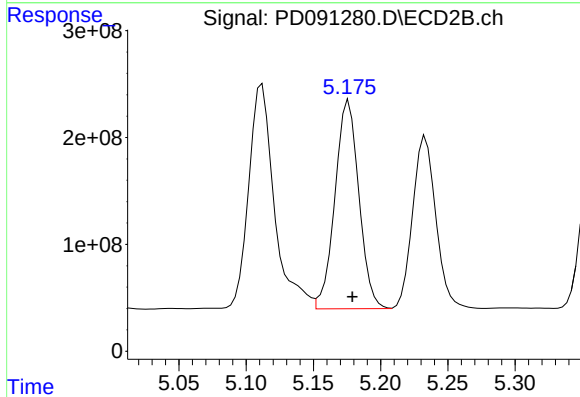
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 308372736
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

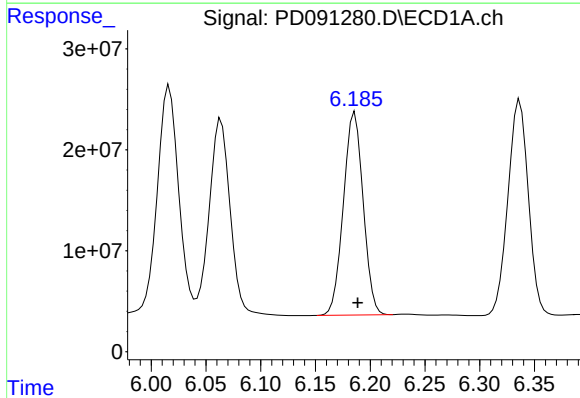
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



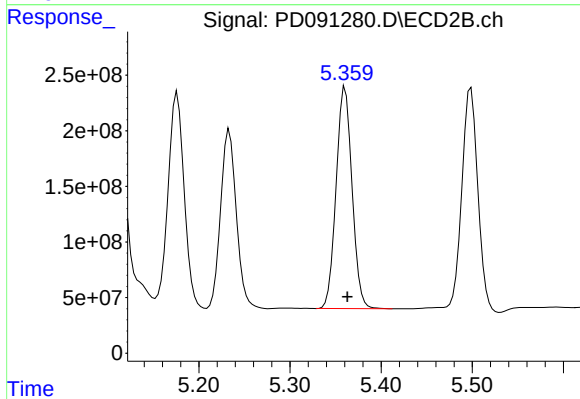
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 2410045749
Conc: 46.05 ng/ml



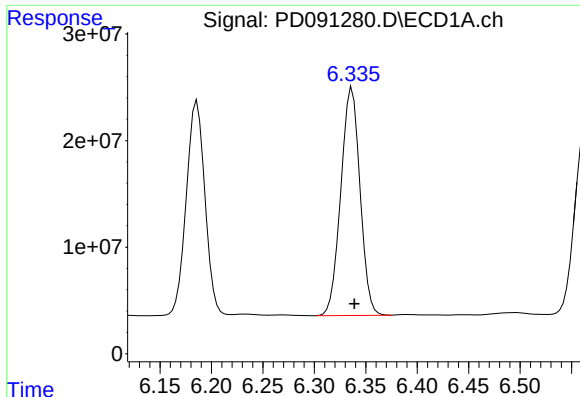
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 252340919
Conc: 43.51 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2425854915
Conc: 45.39 ng/ml



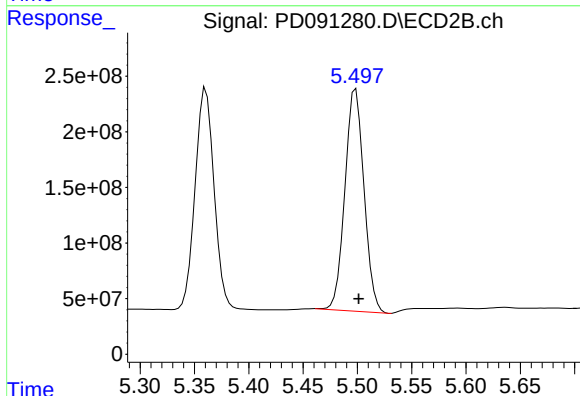
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 277735397
Conc: 42.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

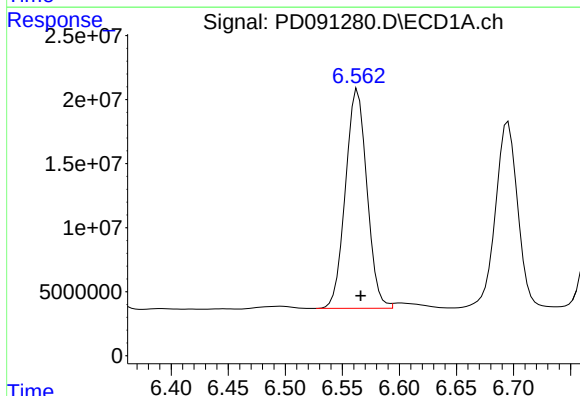
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



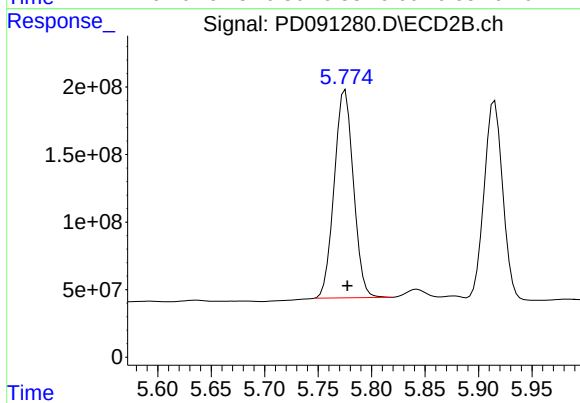
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2448263176
Conc: 45.08 ng/ml



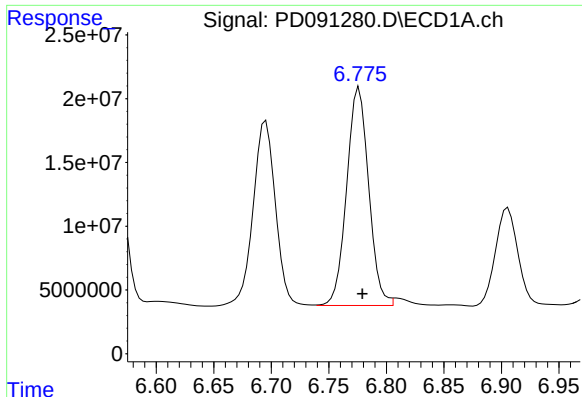
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 224215469
Conc: 45.17 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 1925370884
Conc: 42.60 ng/ml



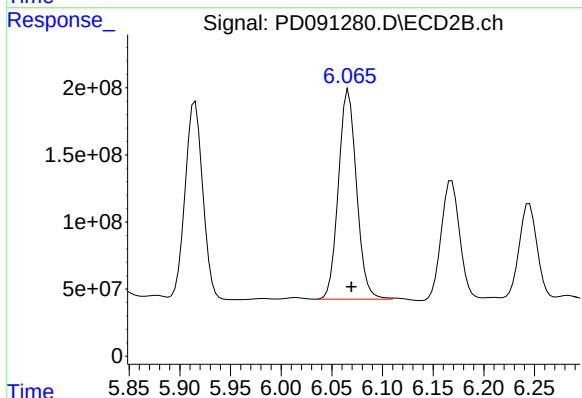
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 229806823
Conc: 41.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

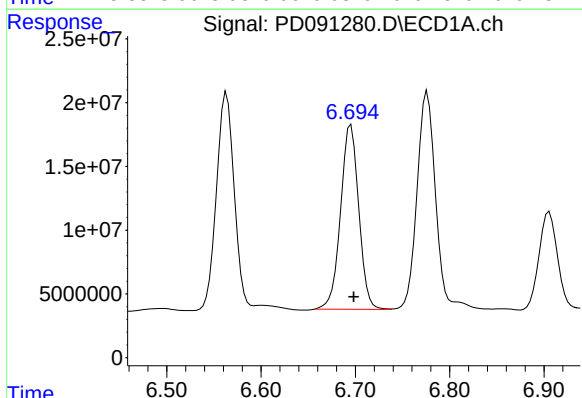
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



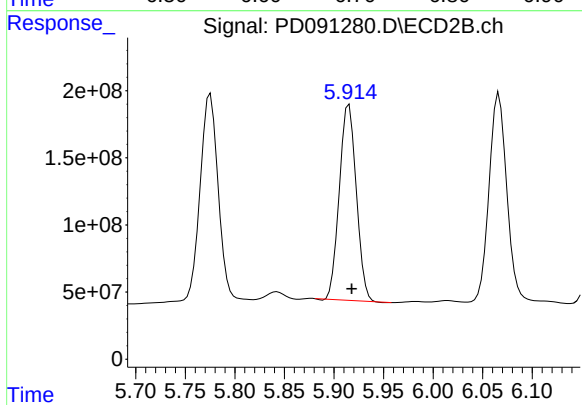
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 1941622008
Conc: 41.59 ng/ml m



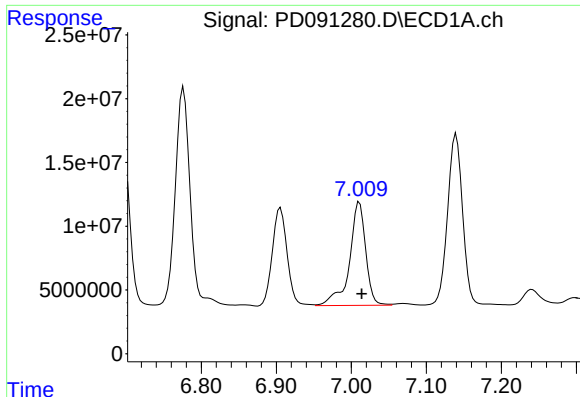
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 193951119
Conc: 39.49 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 1737253346
Conc: 35.55 ng/ml



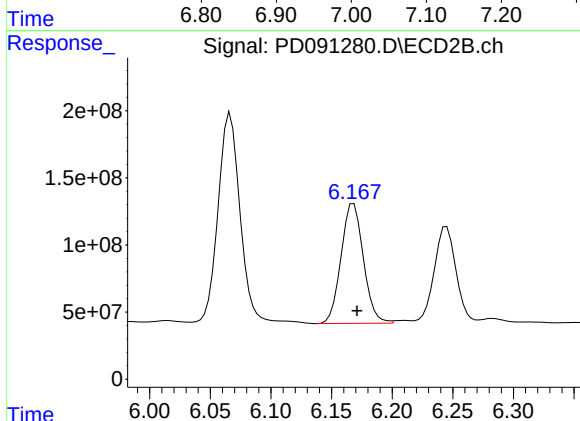
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 122447931
Conc: 29.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

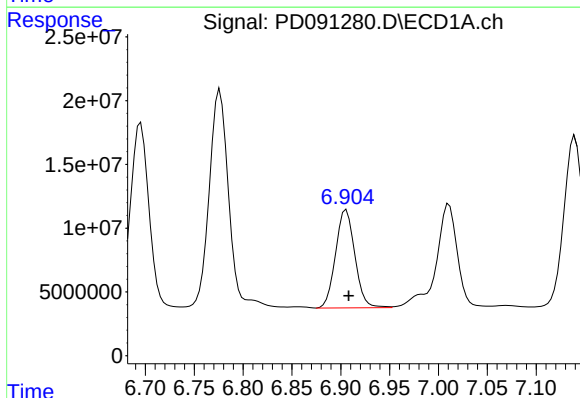
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



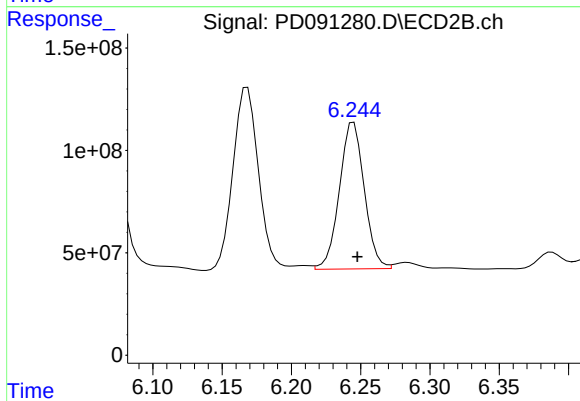
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 1142752932
Conc: 29.20 ng/ml



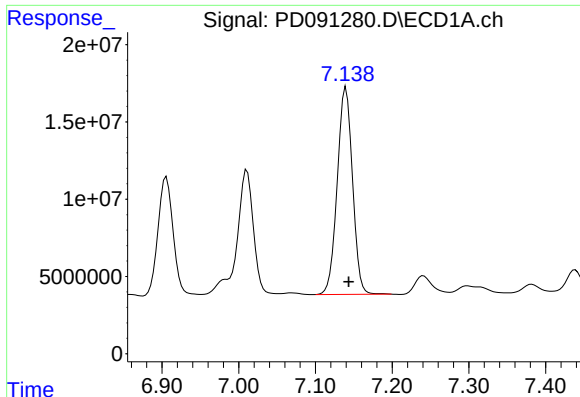
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 105692705
Conc: 25.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 893923670
Conc: 25.33 ng/ml



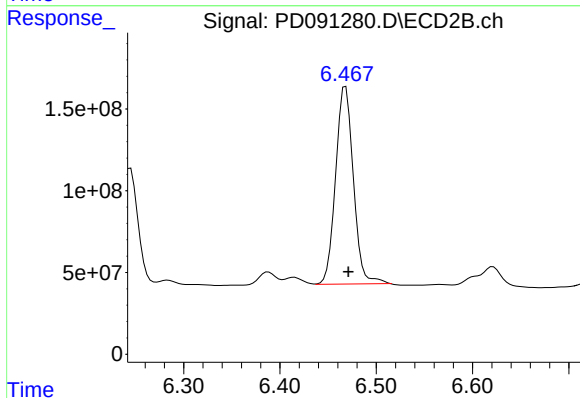
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 185563864
Conc: 36.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

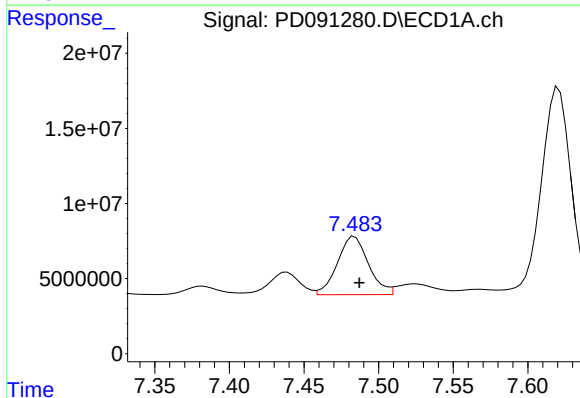
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



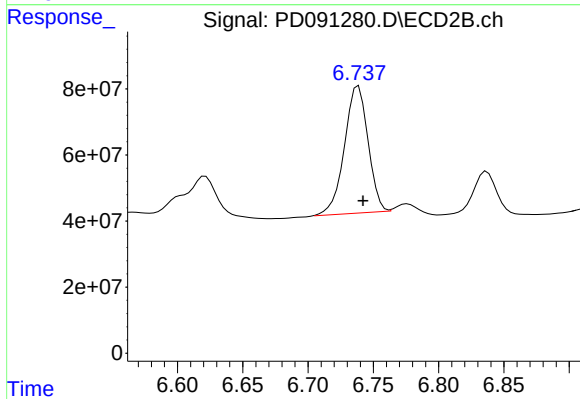
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 1550253195
Conc: 34.58 ng/ml



#20 Methoxychlor

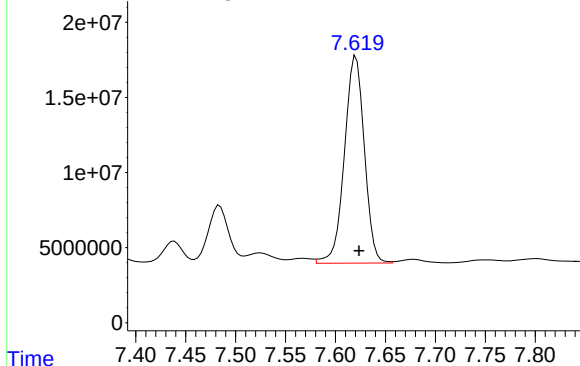
R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 56368320
Conc: 25.92 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 483969352
Conc: 24.14 ng/ml

Response_ Signal: PD091280.D\ECD1A.ch



#21 Endrin ketone

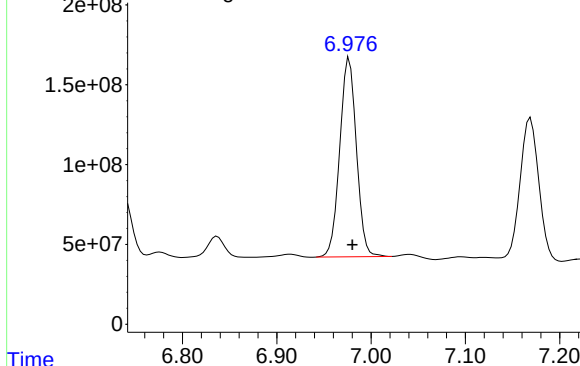
R.T.: 7.621 min
 Delta R.T.: -0.003 min
 Response: 191765357
 Conc: 34.04 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

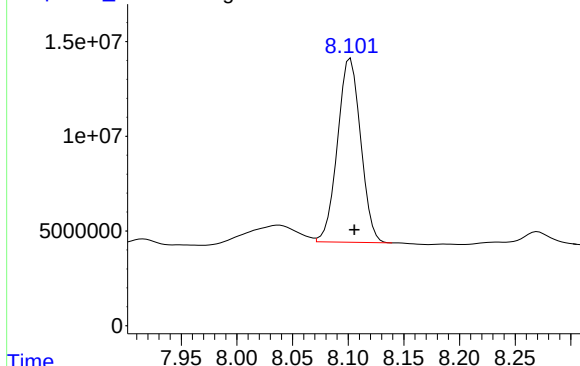
Response_ Signal: PD091280.D\ECD2B.ch



#21 Endrin ketone

R.T.: 6.977 min
 Delta R.T.: -0.003 min
 Response: 1532459611
 Conc: 30.07 ng/ml

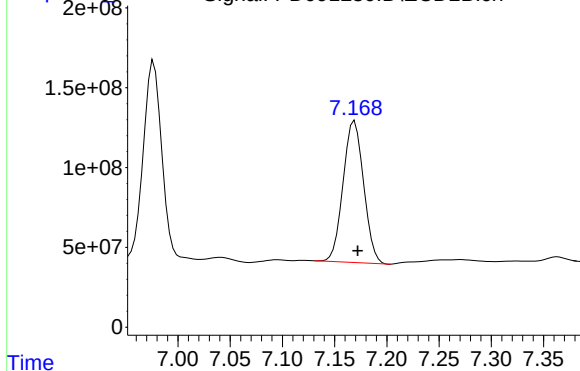
Response_ Signal: PD091280.D\ECD1A.ch



#22 Mirex

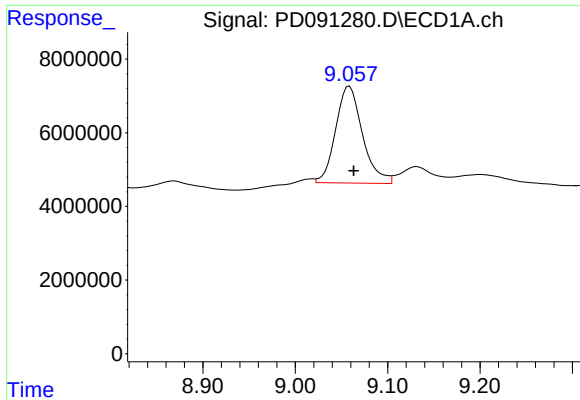
R.T.: 8.101 min
 Delta R.T.: -0.005 min
 Response: 140345205
 Conc: 39.46 ng/ml m

Response_ Signal: PD091280.D\ECD2B.ch



#22 Mirex

R.T.: 7.169 min
 Delta R.T.: -0.003 min
 Response: 1213843349
 Conc: 36.63 ng/ml



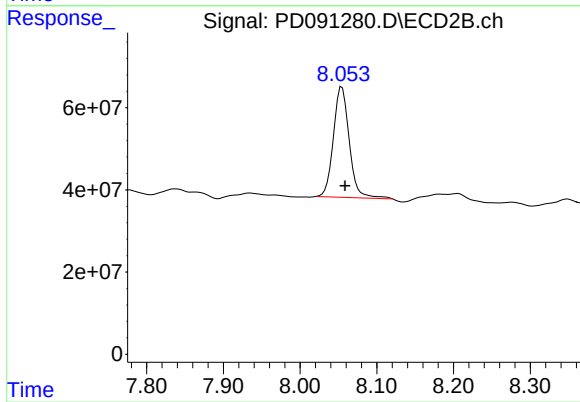
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 53098325
Conc: 10.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 385817840
Conc: 9.75 ng/ml

Manual Integration Report

Sequence:	PD111525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091194.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PSTDICC005	PD091200.D	delta-BHC	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor epoxide	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene #2	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PEM	PD091215.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:18 AM	Sohil	11/17/2025 2:14:03	Peak Integrated by Software

Manual Integration Report

Sequence:	PD111925	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3483-20	PD091272.D	Decachlorobiphenyl #2	Abdul	11/20/2025 8:19:48 AM	Sohil	11/20/2025 4:02:33	Peak Integrated by Software
Q3483-20	PD091272.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:48 AM	Sohil	11/20/2025 4:02:33	Peak Integrated by Software
Q3483-20DL	PD091274.D	beta-BHC	Abdul	11/20/2025 8:19:42 AM	Sohil	11/20/2025 4:02:41	Peak Integrated by Software
Q3483-20DL	PD091274.D	gamma-Chlordane	Abdul	11/20/2025 8:19:42 AM	Sohil	11/20/2025 4:02:41	Peak Integrated by Software
Q3483-20DL	PD091274.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:42 AM	Sohil	11/20/2025 4:02:41	Peak Integrated by Software
Q3662-02MS	PD091279.D	Decachlorobiphenyl	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Endosulfan II	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Endosulfan II #2	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	gamma-BHC (Lindane)	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	gamma-Chlordane	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Mirex	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Endosulfan II	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software

Manual Integration Report

Sequence:	PD111925	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3662-02MSD	PD091280.D	Endosulfan II #2	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	gamma-BHC (Lindane)	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	gamma-Chlordane	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Mirex	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
PEM	PD091286.D	4,4"-DDE #2	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PEM	PD091286.D	beta-BHC #2	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PEM	PD091286.D	Endrin aldehyde	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PEM	PD091286.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PSTDCCC050	PD091287.D	4,4"-DDE #2	Abdul	11/20/2025 8:18:55 AM	Sohil	11/20/2025 4:03:05	Peak Integrated by Software
PSTDCCC050	PD091287.D	Endosulfan II	Abdul	11/20/2025 8:18:55 AM	Sohil	11/20/2025 4:03:05	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PD120125

Instrument

ECD_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

PSTDCCC050

PD091414.D

4,4"-DDE #2

Abdul

12/2/2025 8:47:08
AM

mohammad

12/3/2025
12:24:21

Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	PD091193.D	14 Nov 2025 20:01	AR\AJ	Ok
2	PEM	PD091194.D	14 Nov 2025 20:15	AR\AJ	Ok,M
3	RESCHK	PD091195.D	14 Nov 2025 20:43	AR\AJ	Ok
4	PSTDICC100	PD091196.D	14 Nov 2025 20:56	AR\AJ	Ok
5	PSTDICC075	PD091197.D	14 Nov 2025 21:10	AR\AJ	Ok
6	PSTDICC050	PD091198.D	14 Nov 2025 21:24	AR\AJ	Ok
7	PSTDICC025	PD091199.D	14 Nov 2025 21:37	AR\AJ	Ok
8	PSTDICC005	PD091200.D	14 Nov 2025 21:51	AR\AJ	Ok,M
9	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04	AR\AJ	Ok
10	PCHLORICC750	PD091202.D	14 Nov 2025 22:18	AR\AJ	Ok
11	PCHLORICC500	PD091203.D	14 Nov 2025 22:32	AR\AJ	Ok
12	PCHLORICC250	PD091204.D	14 Nov 2025 22:46	AR\AJ	Ok,M
13	PCHLORICC50	PD091205.D	14 Nov 2025 22:59	AR\AJ	Ok,M
14	PTOXICC1000	PD091206.D	14 Nov 2025 23:13	AR\AJ	Ok
15	PTOXICC750	PD091207.D	14 Nov 2025 23:27	AR\AJ	Ok
16	PTOXICC500	PD091208.D	14 Nov 2025 23:40	AR\AJ	Ok
17	PTOXICC250	PD091209.D	14 Nov 2025 23:54	AR\AJ	Ok
18	PTOXICC100	PD091210.D	15 Nov 2025 00:08	AR\AJ	Ok
19	PSTDICV050	PD091211.D	15 Nov 2025 00:21	AR\AJ	Ok
20	PCHLORICV050	PD091212.D	15 Nov 2025 00:49	AR\AJ	Ok
21	PTOXICV050	PD091213.D	15 Nov 2025 01:30	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
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	I.BLK	PD091214.D	15 Nov 2025 01:44	AR\AJ	Ok
23	PEM	PD091215.D	15 Nov 2025 01:57	AR\AJ	Ok,M
24	PSTDCCC050	PD091216.D	15 Nov 2025 02:11	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091263.D	19 Nov 2025 08:52	AR\AJ	Ok
2	I.BLK	PD091264.D	19 Nov 2025 09:05	AR\AJ	Ok
3	PEM	PD091265.D	19 Nov 2025 09:19	AR\AJ	Ok
4	PSTDCCC050	PD091266.D	19 Nov 2025 12:24	AR\AJ	Ok
5	Q3660-01	PD091267.D	19 Nov 2025 12:38	AR\AJ	Ok
6	PB170610BS	PD091268.D	19 Nov 2025 13:33	AR\AJ	Not Ok
7	PB170610BSD	PD091269.D	19 Nov 2025 13:54	AR\AJ	Not Ok
8	PB170628BL	PD091270.D	19 Nov 2025 14:07	AR\AJ	Ok
9	PB170628BS	PD091271.D	19 Nov 2025 14:21	AR\AJ	Not Ok
10	Q3483-20	PD091272.D	19 Nov 2025 14:34	AR\AJ	Dilution
11	Q3669-01	PD091273.D	19 Nov 2025 14:48	AR\AJ	Ok,M
12	Q3483-20DL	PD091274.D	19 Nov 2025 15:02	AR\AJ	Ok,M
13	I.BLK	PD091275.D	19 Nov 2025 15:16	AR\AJ	Ok
14	PSTDCCC050	PD091276.D	19 Nov 2025 15:55	AR\AJ	Ok
15	PP25072	PD091277.D	19 Nov 2025 16:09	AR\AJ	Ok
16	Q3662-02	PD091278.D	19 Nov 2025 16:24	AR\AJ	Ok,M
17	Q3662-02MS	PD091279.D	19 Nov 2025 16:37	AR\AJ	Ok,M
18	Q3662-02MSD	PD091280.D	19 Nov 2025 16:51	AR\AJ	Ok,M
19	Q3662-04	PD091281.D	19 Nov 2025 17:05	AR\AJ	Ok,M
20	Q3664-01	PD091282.D	19 Nov 2025 17:18	AR\AJ	Ok,M
21	Q3664-03	PD091283.D	19 Nov 2025 17:32	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
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	Q3664-05	PD091284.D	19 Nov 2025 17:45	AR\AJ	Ok,M
23	I.BLK	PD091285.D	19 Nov 2025 17:59	AR\AJ	Ok
24	PEM	PD091286.D	19 Nov 2025 18:13	AR\AJ	Ok,M
25	PSTDCCC050	PD091287.D	19 Nov 2025 18:40	AR\AJ	Ok,M
26	PB170638BL	PD091288.D	19 Nov 2025 18:54	AR\AJ	Ok
27	PB170638BS	PD091289.D	19 Nov 2025 19:07	AR\AJ	Not Ok
28	PB170600TB	PD091290.D	19 Nov 2025 19:21	AR\AJ	Ok
29	Q3659-01	PD091291.D	19 Nov 2025 19:35	AR\AJ	Ok
30	Q3659-01MS	PD091292.D	19 Nov 2025 19:48	AR\AJ	Ok,M
31	Q3659-01MSD	PD091293.D	19 Nov 2025 20:02	AR\AJ	Ok,M
32	Q3659-02	PD091294.D	19 Nov 2025 20:16	AR\AJ	Ok
33	I.BLK	PD091295.D	19 Nov 2025 20:29	AR\AJ	Ok
34	PSTDCCC050	PD091296.D	19 Nov 2025 20:43	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD120125

Review By	Abdul	Review On	12/2/2025 8:48:11 AM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:21 AM
SubDirectory	PD120125	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091400.D	01 Dec 2025 09:45	AR\AJ	Ok
2	I.BLK	PD091401.D	01 Dec 2025 09:59	AR\AJ	Ok
3	PEM	PD091402.D	01 Dec 2025 10:12	AR\AJ	Ok
4	PSTDCCC050	PD091403.D	01 Dec 2025 10:26	AR\AJ	Ok
5	PB170628BS	PD091404.D	01 Dec 2025 12:10	AR\AJ	Ok
6	PB170762BL	PD091405.D	01 Dec 2025 12:32	AR\AJ	Ok
7	PB170762BS	PD091406.D	01 Dec 2025 12:45	AR\AJ	Ok
8	Q3725-04	PD091407.D	01 Dec 2025 12:59	AR\AJ	Ok,M
9	Q3732-01	PD091408.D	01 Dec 2025 13:12	AR\AJ	Ok,M
10	Q3733-01	PD091409.D	01 Dec 2025 13:26	AR\AJ	Ok,M
11	Q3735-01	PD091410.D	01 Dec 2025 13:40	AR\AJ	Ok,M
12	Q3735-01MS	PD091411.D	01 Dec 2025 13:53	AR\AJ	Ok,M
13	Q3735-01MSD	PD091412.D	01 Dec 2025 14:07	AR\AJ	Ok,M
14	I.BLK	PD091413.D	01 Dec 2025 14:21	AR\AJ	Ok
15	PSTDCCC050	PD091414.D	01 Dec 2025 15:11	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
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	I.BLK	I.BLK	PD091193.D	14 Nov 2025 20:01		AR\AJ	Ok
2	PEM	PEM	PD091194.D	14 Nov 2025 20:15		AR\AJ	Ok,M
3	RESCHK	RESCHK	PD091195.D	14 Nov 2025 20:43		AR\AJ	Ok
4	PSTDICC100	PSTDICC100	PD091196.D	14 Nov 2025 20:56		AR\AJ	Ok
5	PSTDICC075	PSTDICC075	PD091197.D	14 Nov 2025 21:10		AR\AJ	Ok
6	PSTDICC050	PSTDICC050	PD091198.D	14 Nov 2025 21:24		AR\AJ	Ok
7	PSTDICC025	PSTDICC025	PD091199.D	14 Nov 2025 21:37		AR\AJ	Ok
8	PSTDICC005	PSTDICC005	PD091200.D	14 Nov 2025 21:51		AR\AJ	Ok,M
9	PCHLORICC1000	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04		AR\AJ	Ok
10	PCHLORICC750	PCHLORICC750	PD091202.D	14 Nov 2025 22:18		AR\AJ	Ok
11	PCHLORICC500	PCHLORICC500	PD091203.D	14 Nov 2025 22:32		AR\AJ	Ok
12	PCHLORICC250	PCHLORICC250	PD091204.D	14 Nov 2025 22:46		AR\AJ	Ok,M
13	PCHLORICC50	PCHLORICC50	PD091205.D	14 Nov 2025 22:59		AR\AJ	Ok,M
14	PTOXICC1000	PTOXICC1000	PD091206.D	14 Nov 2025 23:13		AR\AJ	Ok
15	PTOXICC750	PTOXICC750	PD091207.D	14 Nov 2025 23:27		AR\AJ	Ok
16	PTOXICC500	PTOXICC500	PD091208.D	14 Nov 2025 23:40		AR\AJ	Ok
17	PTOXICC250	PTOXICC250	PD091209.D	14 Nov 2025 23:54		AR\AJ	Ok
18	PTOXICC100	PTOXICC100	PD091210.D	15 Nov 2025 00:08		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
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	PSTDICV050	ICVPD111525	PD091211.D	15 Nov 2025 00:21		AR\AJ	Ok
20	PCHLORICV050	ICVPD111525CHLOR	PD091212.D	15 Nov 2025 00:49		AR\AJ	Ok
21	PTOXICV050	ICVPD111525TOX	PD091213.D	15 Nov 2025 01:30		AR\AJ	Ok
22	I.BLK	I.BLK	PD091214.D	15 Nov 2025 01:44		AR\AJ	Ok
23	PEM	PEM	PD091215.D	15 Nov 2025 01:57		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD091216.D	15 Nov 2025 02:11		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP25075
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	PD091263.D	19 Nov 2025 08:52		AR\AJ	Ok
2	I.BLK	I.BLK	PD091264.D	19 Nov 2025 09:05		AR\AJ	Ok
3	PEM	PEM	PD091265.D	19 Nov 2025 09:19		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091266.D	19 Nov 2025 12:24		AR\AJ	Ok
5	Q3660-01	FRAC-TANK-M21012	PD091267.D	19 Nov 2025 12:38		AR\AJ	Ok
6	PB170610BS	PB170610BS	PD091268.D	19 Nov 2025 13:33	TCMX high in both column	AR\AJ	Not Ok
7	PB170610BSD	PB170610BSD	PD091269.D	19 Nov 2025 13:54	TCMX high in both column	AR\AJ	Not Ok
8	PB170628BL	PB170628BL	PD091270.D	19 Nov 2025 14:07		AR\AJ	Ok
9	PB170628BS	PB170628BS	PD091271.D	19 Nov 2025 14:21	DCB high in 2nd column	AR\AJ	Not Ok
10	Q3483-20	HW1025-PT-PEST-SO	PD091272.D	19 Nov 2025 14:34	need dilution	AR\AJ	Dilution
11	Q3669-01	EO-01-11182025	PD091273.D	19 Nov 2025 14:48		AR\AJ	Ok,M
12	Q3483-20DL	HW1025-PT-PEST-SO	PD091274.D	19 Nov 2025 15:02	TCMX high in 2nd column	AR\AJ	Ok,M
13	I.BLK	I.BLK	PD091275.D	19 Nov 2025 15:16		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PD091276.D	19 Nov 2025 15:55		AR\AJ	Ok
15	PP25072	PP25072	PD091277.D	19 Nov 2025 16:09		AR\AJ	Ok
16	Q3662-02	B3-0.0-1.0-20251117	PD091278.D	19 Nov 2025 16:24		AR\AJ	Ok,M
17	Q3662-02MS	B3-0.0-1.0-20251117MS	PD091279.D	19 Nov 2025 16:37		AR\AJ	Ok,M
18	Q3662-02MSD	B3-0.0-1.0-20251117MSD	PD091280.D	19 Nov 2025 16:51	RPD Fail	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3662-04	B1-0.0-1.0-20251117	PD091281.D	19 Nov 2025 17:05		AR\AJ	Ok,M
20	Q3664-01	ARS20-0001	PD091282.D	19 Nov 2025 17:18		AR\AJ	Ok,M
21	Q3664-03	ARS20-0013	PD091283.D	19 Nov 2025 17:32		AR\AJ	Ok,M
22	Q3664-05	291399	PD091284.D	19 Nov 2025 17:45		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD091285.D	19 Nov 2025 17:59		AR\AJ	Ok
24	PEM	PEM	PD091286.D	19 Nov 2025 18:13		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD091287.D	19 Nov 2025 18:40		AR\AJ	Ok,M
26	PB170638BL	PB170638BL	PD091288.D	19 Nov 2025 18:54		AR\AJ	Ok
27	PB170638BS	PB170638BS	PD091289.D	19 Nov 2025 19:07	some compound recovery fail	AR\AJ	Not Ok
28	PB170600TB	PB170600TB	PD091290.D	19 Nov 2025 19:21		AR\AJ	Ok
29	Q3659-01	TANK-1-COMP-1	PD091291.D	19 Nov 2025 19:35		AR\AJ	Ok
30	Q3659-01MS	TANK-1-COMP-1MS	PD091292.D	19 Nov 2025 19:48		AR\AJ	Ok,M
31	Q3659-01MSD	TANK-1-COMP-1MSD	PD091293.D	19 Nov 2025 20:02		AR\AJ	Ok,M
32	Q3659-02	TANK-1-COMP-2	PD091294.D	19 Nov 2025 20:16		AR\AJ	Ok
33	I.BLK	I.BLK	PD091295.D	19 Nov 2025 20:29		AR\AJ	Ok
34	PSTDCCC050	PSTDCCC050	PD091296.D	19 Nov 2025 20:43		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD120125

Review By	Abdul	Review On	12/2/2025 8:48:11 AM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:21 AM
SubDirectory	PD120125	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP25075		
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	PD091400.D	01 Dec 2025 09:45		AR\AJ	Ok
2	I.BLK	I.BLK	PD091401.D	01 Dec 2025 09:59		AR\AJ	Ok
3	PEM	PEM	PD091402.D	01 Dec 2025 10:12		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091403.D	01 Dec 2025 10:26		AR\AJ	Ok
5	PB170628BS	PB170628BS	PD091404.D	01 Dec 2025 12:10		AR\AJ	Ok
6	PB170762BL	PB170762BL	PD091405.D	01 Dec 2025 12:32		AR\AJ	Ok
7	PB170762BS	PB170762BS	PD091406.D	01 Dec 2025 12:45		AR\AJ	Ok
8	Q3725-04	STOCKPILE-SAMPLES	PD091407.D	01 Dec 2025 12:59		AR\AJ	Ok,M
9	Q3732-01	HD-01-11-26-2025	PD091408.D	01 Dec 2025 13:12		AR\AJ	Ok,M
10	Q3733-01	SU-04-11-26-2025	PD091409.D	01 Dec 2025 13:26		AR\AJ	Ok,M
11	Q3735-01	BU-3-112625	PD091410.D	01 Dec 2025 13:40	Tcmx high in 1st column	AR\AJ	Ok,M
12	Q3735-01MS	BU-3-112625MS	PD091411.D	01 Dec 2025 13:53	Comp # 12 fail for recovery	AR\AJ	Ok,M
13	Q3735-01MSD	BU-3-112625MSD	PD091412.D	01 Dec 2025 14:07	Comp # 12,14 fail for recovery	AR\AJ	Ok,M
14	I.BLK	I.BLK	PD091413.D	01 Dec 2025 14:21		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD091414.D	01 Dec 2025 15:11		AR\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137700

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3368-13	OUTSIDE-DUMPSTER	1	1.12	10.63	11.75	8.28	67.4	
Q3368-14	PRESS-SLUDGE	2	1.18	10.30	11.48	7.89	65.1	
Q3482-01	WC-1	37	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-02	WC-2	38	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-03	WC-3	39	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-04	WC-4	40	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-05	WC-5	41	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-06	WC-6	42	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-07	WC-7	43	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3483-01	HW1025-PT-AN-SOIL	3	1.00	1.00	2.00	2.00	100.0	
Q3483-02	HW1025-PT-CORR-SOIL	4	1.00	1.00	2.00	2.00	100.0	
Q3483-03	HW1025-PT-CN-SOIL	5	1.00	1.00	2.00	2.00	100.0	
Q3483-04	HW1025-PT-CN-SOIL	6	1.00	1.00	2.00	2.00	100.0	
Q3483-05	HW1025-PT-FP-SOIL	7	1.00	1.00	2.00	2.00	100.0	
Q3483-06	HW1025-PT-CR6-SOIL	8	1.00	1.00	2.00	2.00	100.0	
Q3483-07	HW1025-PT-NUT-SOIL	9	1.00	1.00	2.00	2.00	100.0	
Q3483-08	HW1025-PT-NUT-SOIL	10	1.00	1.00	2.00	2.00	100.0	
Q3483-09	HW1025-PT-OGF-SOIL	11	1.00	1.00	2.00	2.00	100.0	
Q3483-10	HW1025-PT-MET-SOIL	12	1.00	1.00	2.00	2.00	100.0	
Q3483-11	HW1025-PT-BNA-SOIL	13	1.00	1.00	2.00	2.00	100.0	
Q3483-12	HW1025-PT-TRIAZINE-SOIL	14	1.00	1.00	2.00	2.00	100.0	
Q3483-13	HW1025-PT-PAH-SOIL	15	1.00	1.00	2.00	2.00	100.0	
Q3483-14	HW1025-PT-DIES-SOIL	16	1.00	1.00	2.00	2.00	100.0	
Q3483-15	HW1025-PT-GAS-SOIL	17	1.00	1.00	2.00	2.00	100.0	
Q3483-16	HW1025-PT-NJEPH-SOIL	18	1.00	1.00	2.00	2.00	100.0	
Q3483-17	HW1025-PT-HERB-SOIL	19	1.00	1.00	2.00	2.00	100.0	
Q3483-18	HW1025-PT-PCB-SOIL	20	1.00	1.00	2.00	2.00	100.0	
Q3483-19	HW1025-PT-PCBO-SOIL	21	1.00	1.00	2.00	2.00	100.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137700

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3483-20	HW1025-PT-PEST-SOIL	22	1.00	1.00	2.00	2.00	100.0	
Q3483-21	HW1025-PT-CHLOR-SOIL	23	1.00	1.00	2.00	2.00	100.0	
Q3483-22	HW1025-PT-TXP-SOIL	24	1.00	1.00	2.00	2.00	100.0	
Q3483-23	HW1025-PT-VOA-SOIL	25	1.00	1.00	2.00	2.00	100.0	
Q3483-25	HW1025-PT-NO2-SOIL	26	1.00	1.00	2.00	2.00	100.0	
Q3485-01	TR-04-102924	27	1.15	10.30	11.45	10.84	94.1	
Q3485-02	TR-04-102924-E2	28	1.19	10.30	11.49	10.77	93.0	
Q3486-01	TP3	29	1.17	10.45	11.62	11.07	94.7	
Q3486-02	TP3-E2	30	1.18	10.40	11.58	11.11	95.5	
Q3486-03	TP4	31	1.19	10.23	11.42	9.93	85.4	
Q3486-04	TP4-E2	32	1.17	10.52	11.69	10.09	84.8	
Q3486-05	TP5	33	1.17	10.65	11.82	10.02	83.1	
Q3486-06	TP5-E2	34	1.17	10.15	11.32	9.39	81.0	
Q3486-07	TP6	35	1.13	10.25	11.38	10.16	88.1	
Q3486-08	TP6-E2	36	1.16	10.48	11.64	10.32	87.4	

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

WORKLIST(Hardcopy Internal Chain)

8137100

WorkList Name : %1-102925 WorkList ID : 192745 Department : Wet-Chemistry Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-13	OUTSIDE-DUMPSTER	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3368-14	PRESS-SLUDGE	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3482-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-02	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-03	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-04	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-06	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-07	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3483-01	HW1025-PT-AN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-02	HW1025-PT-CORR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-03	HW1025-PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-04	HW1025-PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-05	HW1025-PT-FP-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-06	HW1025-PT-CR6-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-07	HW1025-PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-08	HW1025-PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-09	HW1025-PT-OGR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-10	HW1025-PT-MET-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-11	HW1025-PT-BNA-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-12	HW1025-PT-TRIAZINE-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO

Date/Time: 10/29/25 15:00
 Raw Sample Received by: 80 WC,
 Raw Sample Relinquished by: ACSM
 Date/Time: 10/29/25 17:30
 Raw Sample Received by: ACSM
 Raw Sample Relinquished by: 80 WC

WORKLIST(Hardcopy Internal Chain)

8137700

WorkList Name : %1-102925 WorkList ID : 192745 Department : Wet-Chemistry Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-13	HW1025-PT-PAH-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-14	HW1025-PT-DIES-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-15	HW1025-PT-GAS-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-16	HW1025-PT-NJEPH-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-17	HW1025-PT-HERB-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-18	HW1025-PT-PCB-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-19	HW1025-PT-PCBO-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-20	HW1025-PT-PEST-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-21	HW1025-PT-CHLOR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-22	HW1025-PT-TXP-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-23	HW1025-PT-VOA-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-25	HW1025-PT-NO2-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3485-01	TR-04-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/29/2025	Chemtech -SO
Q3485-02	TR-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/29/2025	Chemtech -SO
Q3486-01	TP3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-02	TP3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-03	TP4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-04	TP4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-05	TP5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-06	TP5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-07	TP6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/29/25 13:00
 Raw Sample Received by: SB WVC
 Raw Sample Relinquished by: CH(SM)

Date/Time 10/29/25
 Raw Sample Received by: CH(SM)
 Raw Sample Relinquished by: SB WVC

WORKLIST(Hardcopy Internal Chain)

10/29/25

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3486-08	TP6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/29/25 15:00

Raw Sample Received by: SA WWC

Raw Sample Relinquished by: Cpl Sm

Date/Time

Raw Sample Received by: Cpl Sm

Raw Sample Relinquished by: SA ADC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3483-24	HW1025-PT-SOL-SOIL	1	1.16	10.70	11.86	9.24	75.5	
Q3487-01	KZZ294Z-A	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-02	KZZ294Z-B	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-03	KZZ256R-A	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-04	KZZ256R-B	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-05	JEH623H-A	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-06	JEH623H-B	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-07	M3-A	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-08	M3-B	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3488-01	MOO-25-0294-0298	10	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3488-02	MOO-25-0299	11	1.15	10.33	11.48	10.88	94.2	
Q3488-04	MOO-25-0302-0310	12	1.18	10.45	11.63	10.08	85.2	
Q3488-05	MOO-25-0302-0310	13	1.15	10.46	11.61	10.7	91.3	
Q3488-06	MOO-25-0311-0313	46	1.15	10.37	11.52	10.64	91.5	
Q3489-01	245F72-A	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-02	245F72-B	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-03	L54-A	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-04	L54-B	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-05	L55-A	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-06	L55-A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-07	L56-A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-08	L56-B	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-09	L57-A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-10	L57-B	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-11	L58-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-12	L58-2	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-13	L59-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-14	L59-B	27	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3489-15	L60-A	28	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-16	L60-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-17	L61-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-18	L61-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-19	L62-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-20	L62-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-21	L63-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-22	L63-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-23	L64-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-24	L64-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-25	L65-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-26	L65-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-27	STC21-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-28	STC21-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-29	STF24-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-30	STF24-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3490-01	LAW-25-0151	44	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3491-01	SOIL-CUTTINGS-COMP	45	1.18	10.80	11.98	9.13	73.6	
Q3495-01	SB-1025-1	47	1.19	10.24	11.43	8.99	76.2	
Q3495-02	SB-1025-2	48	1.14	10.43	11.57	8.97	75.1	
Q3496-01	DRILL-CUTTINGS	49	1.19	10.61	11.8	10.33	86.1	
Q3496-02	DRILL-CUTTINGS-E2	50	1.13	10.49	11.62	10.11	85.6	
Q3497-01	OK-01-103025	51	1.13	10.93	12.06	10.37	84.5	
Q3497-02	OK-01-103025-E2	52	1.19	10.59	11.78	10.25	85.6	

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

WORKLIST(Hardcopy Internal Chain)

137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-24	HW1025-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3487-01	KZZ294Z-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-02	KZZ294Z-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-03	KZZ256R-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-04	KZZ256R-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-05	JEH623H-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-06	JEH623H-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-07	M3-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-08	M3-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3488-01	MOO-25-0294-0298	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-02	MOO-25-0299	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-04	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-05	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-06	MOO-25-0311-0313	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-01	245F72-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-02	245F72-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-03	L54-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-04	L54-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-05	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-06	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-07	L56-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 15:00
 Raw Sample Received by: JG (wvc)
 Raw Sample Relinquished by: RS (137714-126)

Date/Time 10/30/25 17:30
 Raw Sample Received by: RS (137714-126)
 Raw Sample Relinquished by: JG (wvc)

WORKLIST(Hardcopy Internal Chain)

WB 137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-08	L56-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-09	L57-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-10	L57-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-11	L58-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-12	L58-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-13	L59-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-14	L59-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-15	L60-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-16	L60-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-17	L61-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-18	L61-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-19	L62-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-20	L62-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-21	L63-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-22	L63-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-23	L64-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-24	L64-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-25	L65-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-26	L65-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-27	STC21-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-28	STC21-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 15:30
 Raw Sample Received by: sg wvc
 Raw Sample Relinquished by: RS C EIT-1260

Date/Time 10/30/25 17:30
 Raw Sample Received by: RS C EIT-1260
 Raw Sample Relinquished by: sg wvc

WORKLIST(Hardcopy Internal Chain)

UB 13FF14

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-29	STF24-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-30	STF24-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3490-01	LAW-25-0151	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3491-01	SOIL-CUTTINGS-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3495-01	SB-1025-1	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3495-02	SB-1025-2	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3496-01	DRILL-CUTTINGS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3496-02	DRILL-CUTTINGS-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3497-01	OK-01-103025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO
Q3497-02	OK-01-103025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO

Date/Time 10/30/25 15:00
 Raw Sample Received by: SB WWC
 Raw Sample Relinquished by: RS C (EIT-1066)

Date/Time 10/30/25 17:30
 Raw Sample Received by: RS C (EIT-1066)
 Raw Sample Relinquished by: SB WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: EH **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 11/19/2025

Extraction Start Time : 08:55

Extraction End Date : 11/19/2025

Extraction End Time : 12:00

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	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/19/25	RS (Ext Lab)	R. Pesh/PCL as
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/19/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170628BL	PBLK628	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U3-1
PB170628BS	PLCS628	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
Q3483-20	HW1025-PT-PEST-SOIL	PESTICIDE Group1	29.98	N/A	ritesh	Evelyn	10	A		3
Q3662-02	B3-0.0-1.0-20251117	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	A		4
Q3662-02MS	B3-0.0-1.0-20251117MS	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	A		5
Q3662-02MS D	B3-0.0-1.0-20251117MS D	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	A		6
Q3662-04	B3-0.0-1.0-20251117	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	A		U4-1
Q3664-01	ARS20-0001	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E	Concrete	2
Q3664-03	ARS20-0013	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E	Concrete	3
Q3664-05	291399	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E	Concrete	4
Q3669-01	EO-01-11182025	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	F		5

RS
11/19

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3664P WorkList ID : 193210 Department : Extraction Date : 11-19-2025 08:36:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-20	HW1025-PT-PEST-SOIL	Solid	PESTICIDE Group1	Cool 4 deg C	ALLI03	QA Of	10/27/2025	8081B
Q3662-02	B3-0-0-1.0-20251117	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/17/2025	8081B
Q3662-04	B3-0-0-1.0-20251117	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/17/2025	8081B
Q3664-01	ARS20-0001	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3664-03	ARS20-0013	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3664-05	291399	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3669-01	EO-01-11182025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/18/2025	8081B

Date/Time 11/19/25 8:50
 Raw Sample Received by: RJ(Ext 66)
 Raw Sample Relinquished by: Al Sn

Date/Time 11/19/25 9:20
 Raw Sample Received by: Al Sn
 Raw Sample Relinquished by: RJ(Ext 66)



SHIPPING DOCUMENTS

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
10/27/2025	333294



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
10/29/2025 12:30

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3469	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-MET-SOIL	SOIL/HW Trace Metals	HW1025	7102-04B
1	1	0	PT-CR6-SOIL	SOIL/HW Hexavalent Chromium	HW1025	7102-05A2
1	1	0	PT-CN-SOIL	SOIL/HW Cyanide	HW1025	7102-06
1	1	0	PT-CORR-SOIL	SOIL/HW Corrosivity/pH	HW1025	7102-11
1	1	0	PT-FP-SOIL	SOIL/HW Flash Point	HW1025	7102-10
1	1	0	PT-AN-SOIL	SOIL/HW Anions	HW1025	7102-08
1	1	0	PT-NUT-SOIL	SOIL/HW Nutrients	HW1025	7102-09
1	1	0	PT-SOL-SOIL	SOIL/HW Solids	HW1025	7102-31
1	1	0	PT-NO2-SOIL	SOIL/HW Nitrite as N	HW1025	7102-71
1	1	0	PT-GAS-SOIL	SOIL/HW Gasoline	HW1025	7102-96
1	1	0	PT-DIES-SOIL	SOIL/HW Diesel in Soil	HW1025	7102-100
1	1	0	PT-OGR-SOIL	SOIL/HW Oil and Grease	HW1025	7102-94B
1	1	0	PT-VOA-SOIL	SOIL/HW Volatiles	HW1025	7102-12
1	1	0	PT-BNA-SOIL	SOIL/HW BNAs	HW1025	7102-13
1	1	0	PT-PEST-SOIL	SOIL/HW Pesticides	HW1025	7102-14
1	1	0	PT-CHLR-SOIL	SOIL/HW Chlordane	HW1025	7102-15
1	1	0	PT-TXP-SOIL	SOIL/HW Toxaphene	HW1025	7102-16
1	1	0	PT-PCB-SOIL	SOIL/HW PCBs	HW1025	7102-17
1	1	0	PT-PCBO-SOIL	SOIL/HW PCBs in Oil	HW1025	7102-88
1	1	0	PT-HERB-SOIL	SOIL/HW Herbicides	HW1025	7102-18
1	1	0	PT-PAH-SOIL	SOIL/HW PAHs	HW1025	7102-22
1	1	0	PT-TRIAZINE-SOIL	SOIL/HW Triazine Pesticides	HW1025	7102-106

Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
10/27/2025	333294



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
10/29/2025 12:30

Customer PO #		Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3469		Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO
Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-NJEPH-SOIL	NJ EPH in SOIL	HW1025	7102-105

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