284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	**SW-1**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-02	**SW-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-03	**SW-3**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-04	**EB-2**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-05	**FB-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-07	**SEEP-1**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3584 **Order ID:** Q3584

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-2								
Q3584-04	EB-2	WATER	Endrin	0.0043	J	0.0033	0.052	ug/L
			Total Concentration:	**0.004**				

QC SUMMARY

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

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD091081.D	PIBLK-PD091081.D	Decachlorobiphen	1	20	21.9	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.8	109		30 (41)	150 (134)
		Decachlorobiphen	2	20	27.4	137		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	25.6	128		30 (41)	150 (134)
PB170485BL	PB170485BL	Decachlorobiphen	1	20	20.7	103		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.6	128		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (41)	150 (134)
PB170485BS	PB170485BS	Decachlorobiphen	1	20	21.4	107		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.5	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	26.4	132		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.9	120		30 (41)	150 (134)
PB170485BSD	PB170485BSD	Decachlorobiphen	1	20	17.5	87		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.9	99		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.7	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.1	115		30 (41)	150 (134)
Q3584-01	SW-1	Decachlorobiphen	1	20	18.0	90		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.0	100		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.9	99		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.9	115		30 (41)	150 (134)
Q3584-02	SW-2	Decachlorobiphen	1	20	20.6	103		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.8	104		30 (41)	150 (134)
		Decachlorobiphen	2	20	21.9	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.8	119		30 (41)	150 (134)
Q3584-03	SW-3	Decachlorobiphen	1	20	19.4	97		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.0	105		30 (41)	150 (134)
		Decachlorobiphen	2	20	21.1	106		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.3	121		30 (41)	150 (134)
Q3584-04	EB-2	Decachlorobiphen	1	20	14.4	72		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.3	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	15.1	75		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (41)	150 (134)
Q3584-05	FB-2	Decachlorobiphen	1	20	17.0	85		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.5	113		30 (41)	150 (134)
I.BLK-PD091104.D	PIBLK-PD091104.D	Decachlorobiphen	1	20	21.7	108		30 (31)	150 (149)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD091104.D	PIBLK-PD091104.D	Tetrachloro-m-xyl	1	20	22.0	110		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.9	130		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.7	124		30 (41)	150 (134)
I.BLK-PD091117.D	PIBLK-PD091117.D	Decachlorobiphen	1	20	21.7	108		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.5	107		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.9	129		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.3	121		30 (41)	150 (134)
Q3584-07	SEEP-1	Decachlorobiphen	1	20	9.43	47		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	11.7	58		30 (41)	150 (134)
		Decachlorobiphen	2	20	7.61	38		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	13.1	66		30 (41)	150 (134)
I.BLK-PD091129.D	PIBLK-PD091129.D	Decachlorobiphen	1	20	22.1	110		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.6	108		30 (41)	150 (134)
		Decachlorobiphen	2	20	26.1	131		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.5	123		30 (41)	150 (134)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091087.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170485BS (Column 1)	alpha-BHC	0.5	0.47	ug/L	95				40 (85)	140 (130)	
	beta-BHC	0.5	0.46	ug/L	92				40 (83)	140 (126)	
	delta-BHC	0.5	0.48	ug/L	95				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.47	ug/L	94				40 (82)	140 (129)	
	Heptachlor	0.5	0.57	ug/L	114				40 (79)	140 (127)	
	Aldrin	0.5	0.47	ug/L	95				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.49	ug/L	97				40 (81)	140 (124)	
	Endosulfan I	0.5	0.48	ug/L	95				40 (85)	140 (122)	
	Dieldrin	0.5	0.48	ug/L	96				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.47	ug/L	93				40 (80)	140 (127)	
	Endrin	0.5	0.44	ug/L	88				40 (81)	140 (128)	
	Endosulfan II	0.5	0.48	ug/L	96				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.51	ug/L	103				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.48	ug/L	95				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.47	ug/L	95				40 (80)	140 (133)	
	Methoxychlor	0.5	0.48	ug/L	96				40 (78)	140 (108)	
	Endrin ketone	0.5	0.50	ug/L	100				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.49	ug/L	99				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.48	ug/L	96				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.47	ug/L	94				40 (82)	140 (125)	
PB170485BS (Column 2)	alpha-BHC	0.5	0.53	ug/L	107				40 (85)	140 (130)	
	beta-BHC	0.5	0.52	ug/L	105				40 (83)	140 (126)	
	delta-BHC	0.5	0.53	ug/L	106				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.53	ug/L	106				40 (82)	140 (129)	
	Heptachlor	0.5	0.55	ug/L	110				40 (79)	140 (127)	
	Aldrin	0.5	0.53	ug/L	106				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.52	ug/L	104				40 (81)	140 (124)	
	Endosulfan I	0.5	0.53	ug/L	106				40 (85)	140 (122)	
	Dieldrin	0.5	0.54	ug/L	108				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.53	ug/L	107				40 (80)	140 (127)	
	Endrin	0.5	0.50	ug/L	100				40 (81)	140 (128)	
	Endosulfan II	0.5	0.55	ug/L	109				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.57	ug/L	114				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.55	ug/L	110				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.54	ug/L	107				40 (80)	140 (133)	
	Methoxychlor	0.5	0.54	ug/L	108				40 (78)	140 (108)	
	Endrin ketone	0.5	0.62	ug/L	123				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.56	ug/L	112				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.53	ug/L	106				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.53	ug/L	106				40 (82)	140 (125)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091093.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170485BSD (Column 1)	alpha-BHC	0.5	0.47	ug/L	93	2			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.45	ug/L	89	3			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.46	ug/L	92	3			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.46	ug/L	92	2			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.55	ug/L	109	4			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.45	ug/L	90	5			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.45	ug/L	90	7			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.45	ug/L	89	7			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.43	ug/L	85	12			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.43	ug/L	87	7			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.41	ug/L	83	6			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.44	ug/L	88	9			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.47	ug/L	95	8			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.44	ug/L	88	8			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.45	ug/L	90	5			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.44	ug/L	88	9			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.46	ug/L	93	7			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.46	ug/L	91	8			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.43	ug/L	86	11			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.45	ug/L	90	4			40 (82)	140 (125)	20 (20)
PB170485BSD (Column 2)	alpha-BHC	0.5	0.51	ug/L	102	5			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.50	ug/L	99	6			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.50	ug/L	100	6			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.51	ug/L	102	4			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.52	ug/L	103	7			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.50	ug/L	100	6			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.48	ug/L	95	9			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.48	ug/L	97	9			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.48	ug/L	95	13			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.48	ug/L	97	10			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.46	ug/L	91	9			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.48	ug/L	97	12			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.50	ug/L	99	14			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.46	ug/L	93	17			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.47	ug/L	93	14			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.45	ug/L	91	17			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.49	ug/L	98	23			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.48	ug/L	96	15			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.48	ug/L	97	9			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.49	ug/L	97	9			40 (82)	140 (125)	20 (20)

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170485BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab Sample ID: PB170485BL | Lab File ID: PD091086.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/11/2025

Date Analyzed (1): 11/12/2025 | Date Analyzed (2): 11/12/2025

Time Analyzed (1): 10:11 | Time Analyzed (2): 10:11

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
PB170485BS	PB170485BS	PD091087.D	11/12/2025	11/12/2025
PB170485BSD	PB170485BSD	PD091093.D	11/12/2025	11/12/2025
SW-1	Q3584-01	PD091096.D	11/12/2025	11/12/2025
SW-2	Q3584-02	PD091098.D	11/12/2025	11/12/2025
SW-3	Q3584-03	PD091100.D	11/12/2025	11/12/2025
EB-2	Q3584-04	PD091102.D	11/12/2025	11/12/2025
FB-2	Q3584-05	PD091103.D	11/12/2025	11/12/2025
SEEP-1	Q3584-07	PD091124.D	11/12/2025	11/12/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PD091096.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

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	11/12/25 12:28	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 12:28	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 12:28	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:28	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 12:28	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 12:28	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:28	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 12:28	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 12:28	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 12:28	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:28	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 12:28	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:28	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 12:28	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 12:28	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.9			30 (31) - 150 (149)	99%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.9			30 (41) - 150 (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

Quantitation Report (QT Reviewed)

Sample Results: **PD091096.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:28
Operator : AR\AJ
Sample : Q3584-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	62164848	682.5E6	19.962m	22.921
28)	SA Decachlor...	9.067	8.060	84218777	601.3E6	18.003	19.851
	Target Compounds						

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

Sample Results: **PD091096.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:28
Operator : AR\AJ
Sample : Q3584-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

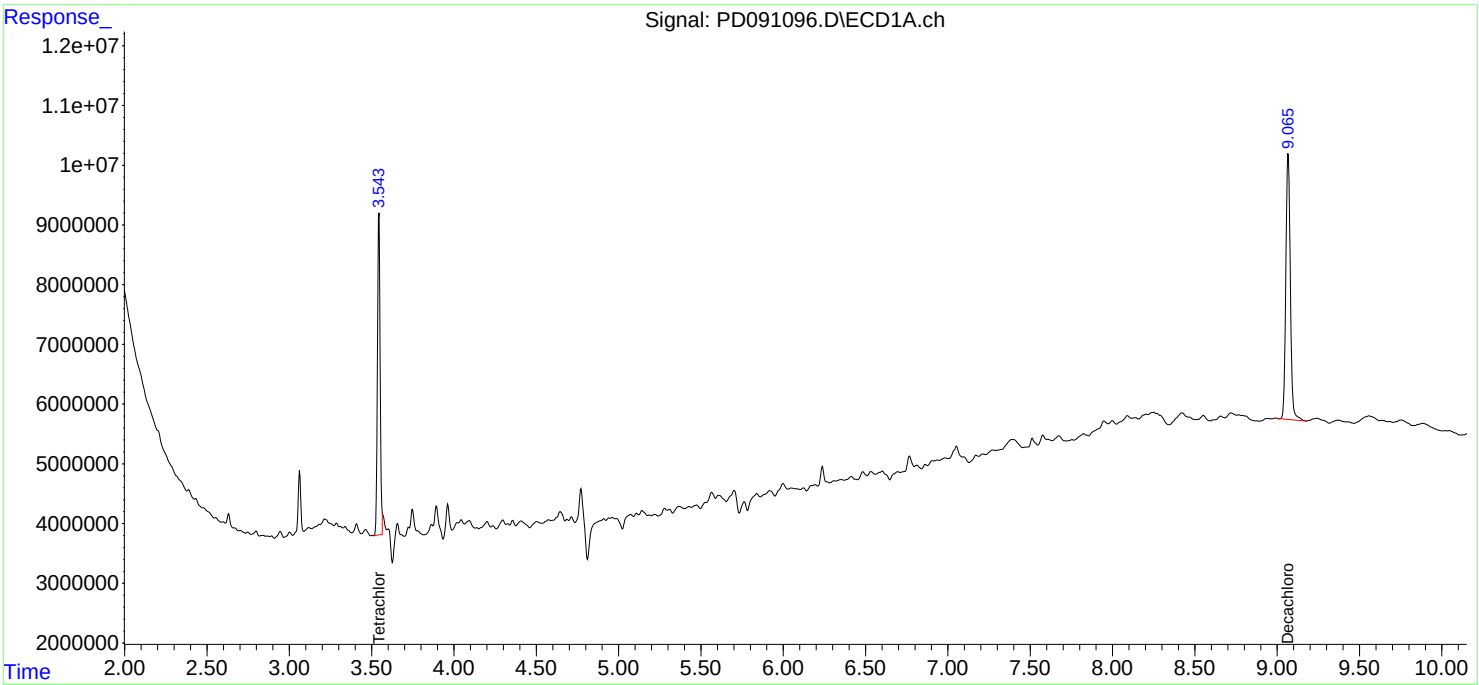
Instrument :
ECD_D
ClientSampleId :
SW-1

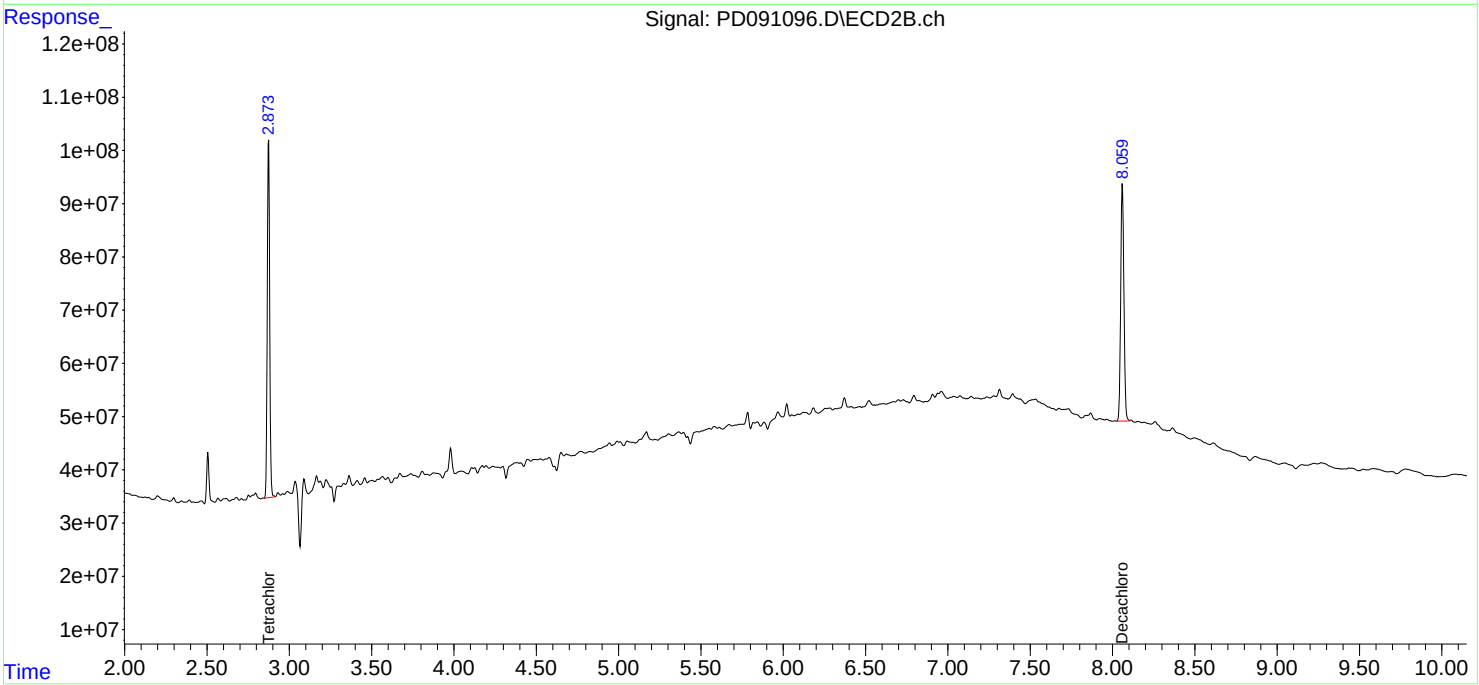
Manual Integrations APPROVED

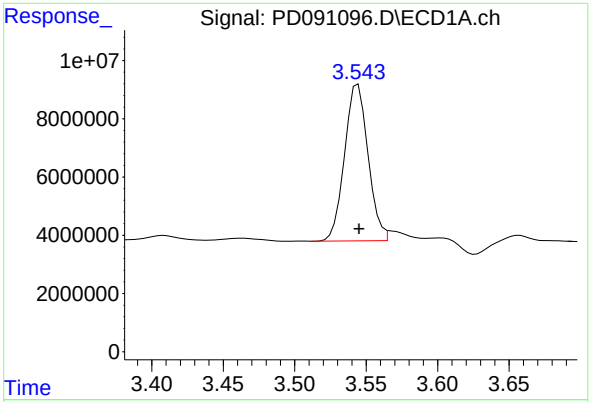
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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







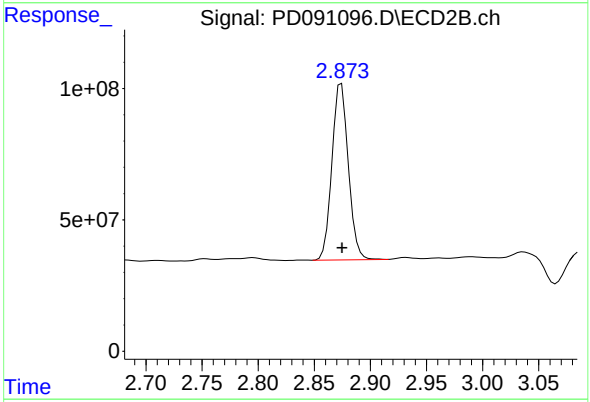
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 62164848
Conc: 19.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-1

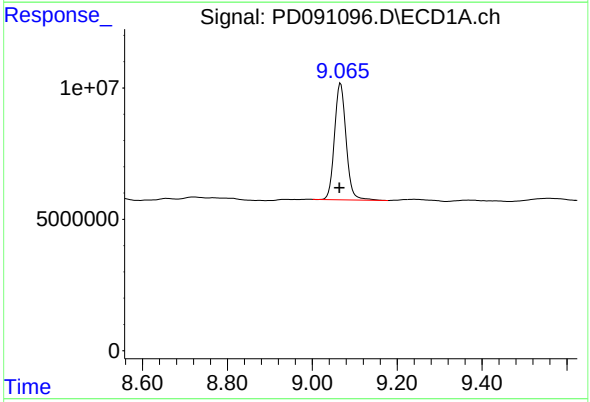
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



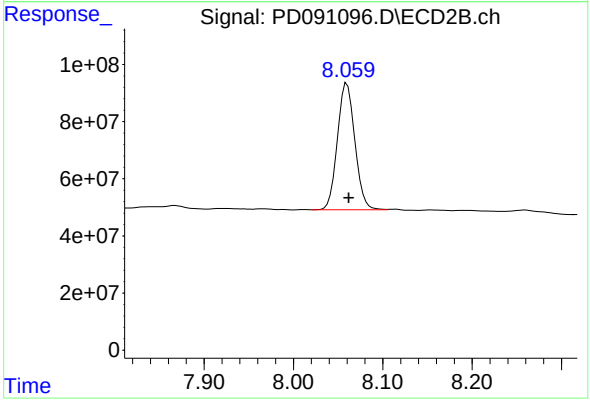
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 682513523
Conc: 22.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 84218777
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 601304239
Conc: 19.85 ng/ml

Raw Data: **PD091098.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/12/25 12:55	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 12:55	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 12:55	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:55	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 12:55	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 12:55	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:55	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 12:55	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 12:55	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 12:55	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:55	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 12:55	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:55	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 12:55	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 12:55	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.9			30 (31) - 150 (149)	109%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.8			30 (41) - 150 (134)	119%	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

Sample Results: **PD091098.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:55
Operator : AR\AJ
Sample : Q3584-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.875	64672904	707.1E6	20.767m	23.746
28)	SA Decachlor...	9.066	8.060	96119766	662.8E6	20.547	21.882
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:55
Operator : AR\AJ
Sample : Q3584-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

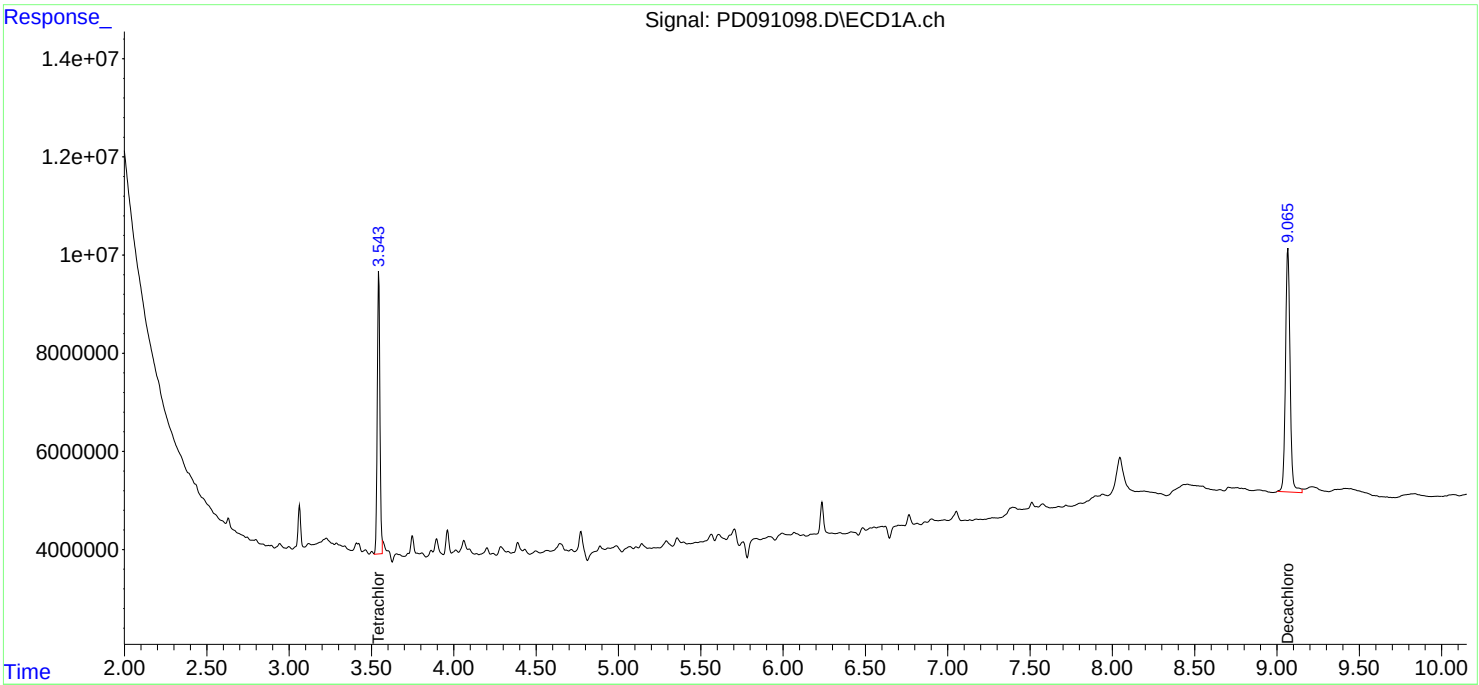
Instrument :
ECD_D
ClientSampleId :
SW-2

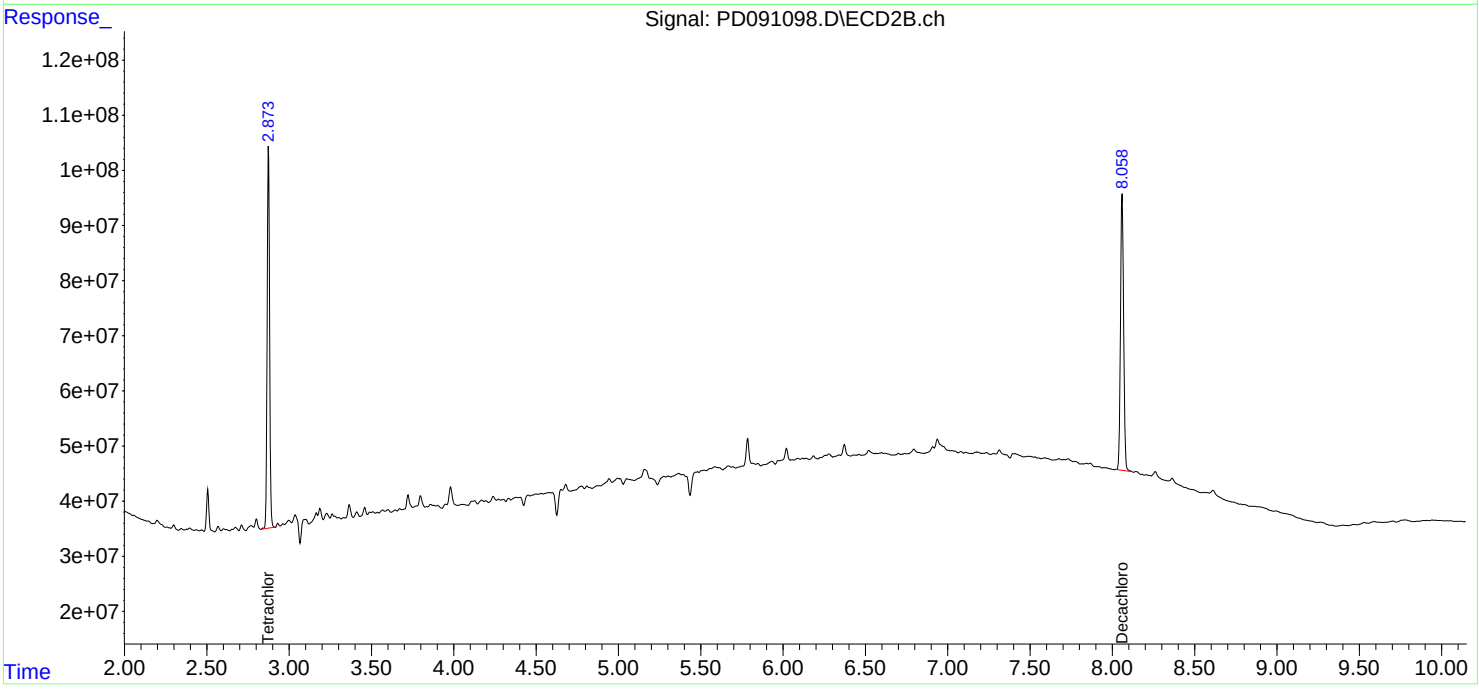
Manual Integrations APPROVED

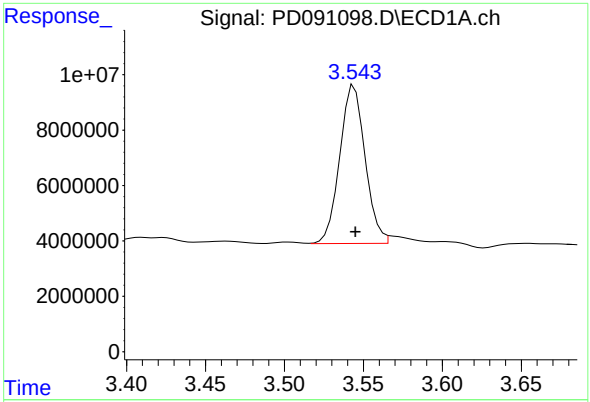
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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







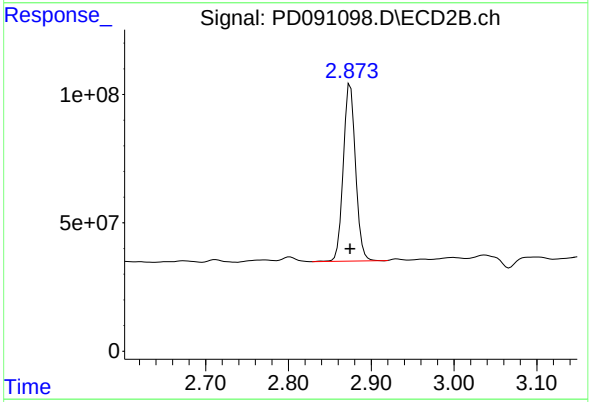
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 64672904
Conc: 20.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-2

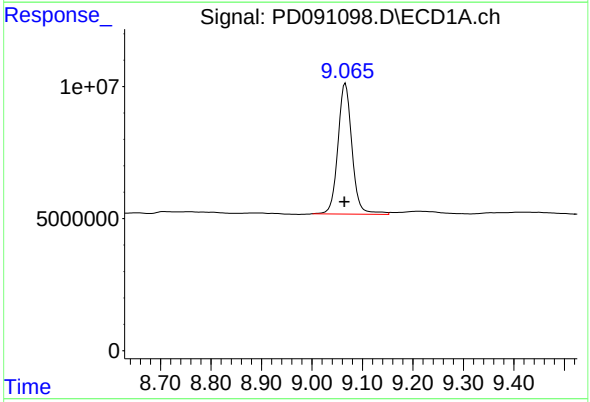
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



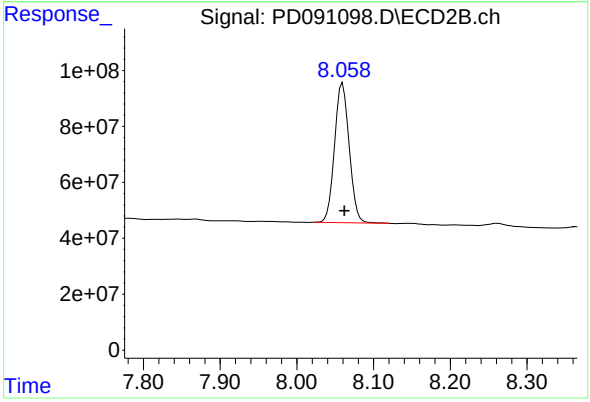
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 707088910
Conc: 23.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 96119766
Conc: 20.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 662825250
Conc: 21.88 ng/ml

Raw Data: **PD091100.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

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	11/12/25 13:22	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 13:22	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 13:22	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 13:22	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 13:22	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 13:22	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 13:22	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 13:22	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 13:22	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 13:22	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 13:22	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 13:22	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 13:22	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 13:22	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 13:22	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.1			30 (31) - 150 (149)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.3			30 (41) - 150 (134)	121%	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

Quantitation Report (QT Reviewed)

Sample Results: **PD091100.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:22
Operator : AR\AJ
Sample : Q3584-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	65451424	723.6E6	21.017m	24.302
28)	SA Decachlor...	9.066	8.060	90836664	640.0E6	19.418	21.129
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:22
Operator : AR\AJ
Sample : Q3584-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

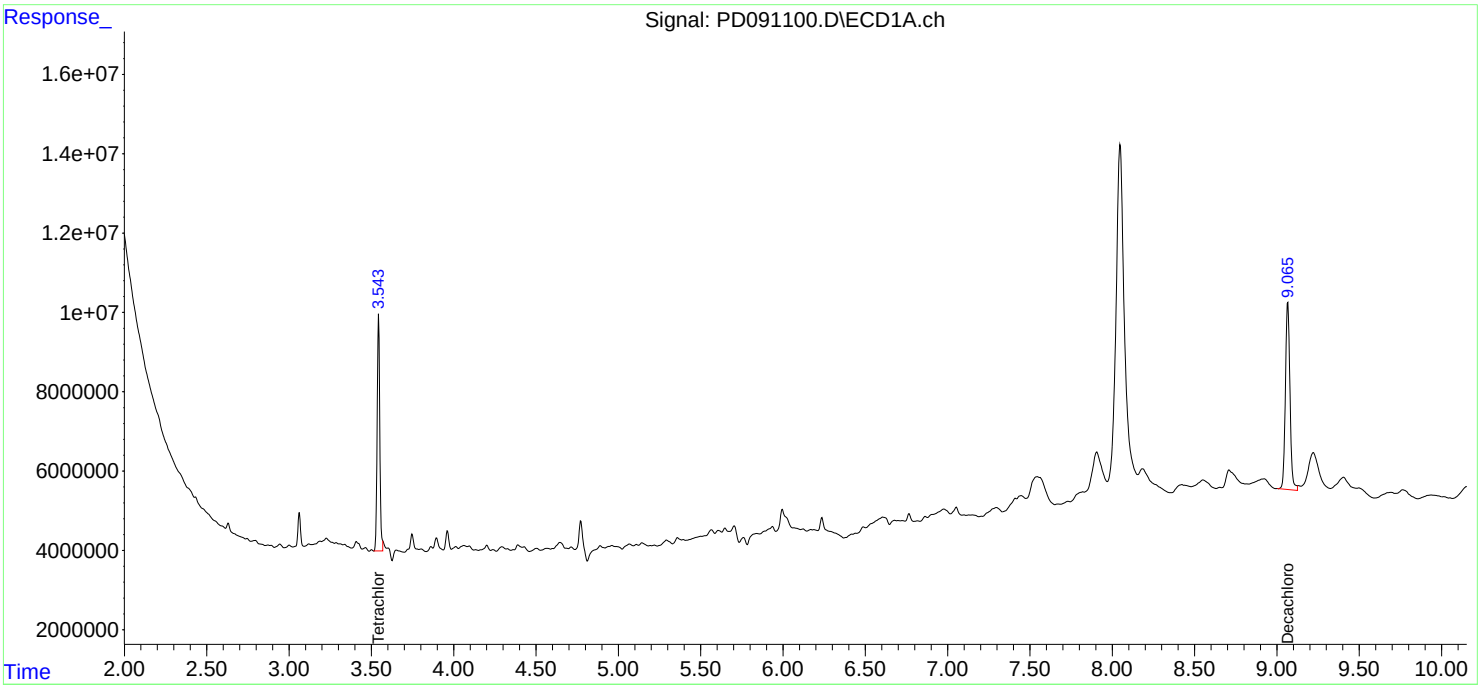
Instrument :
ECD_D
ClientSampleId :
SW-3

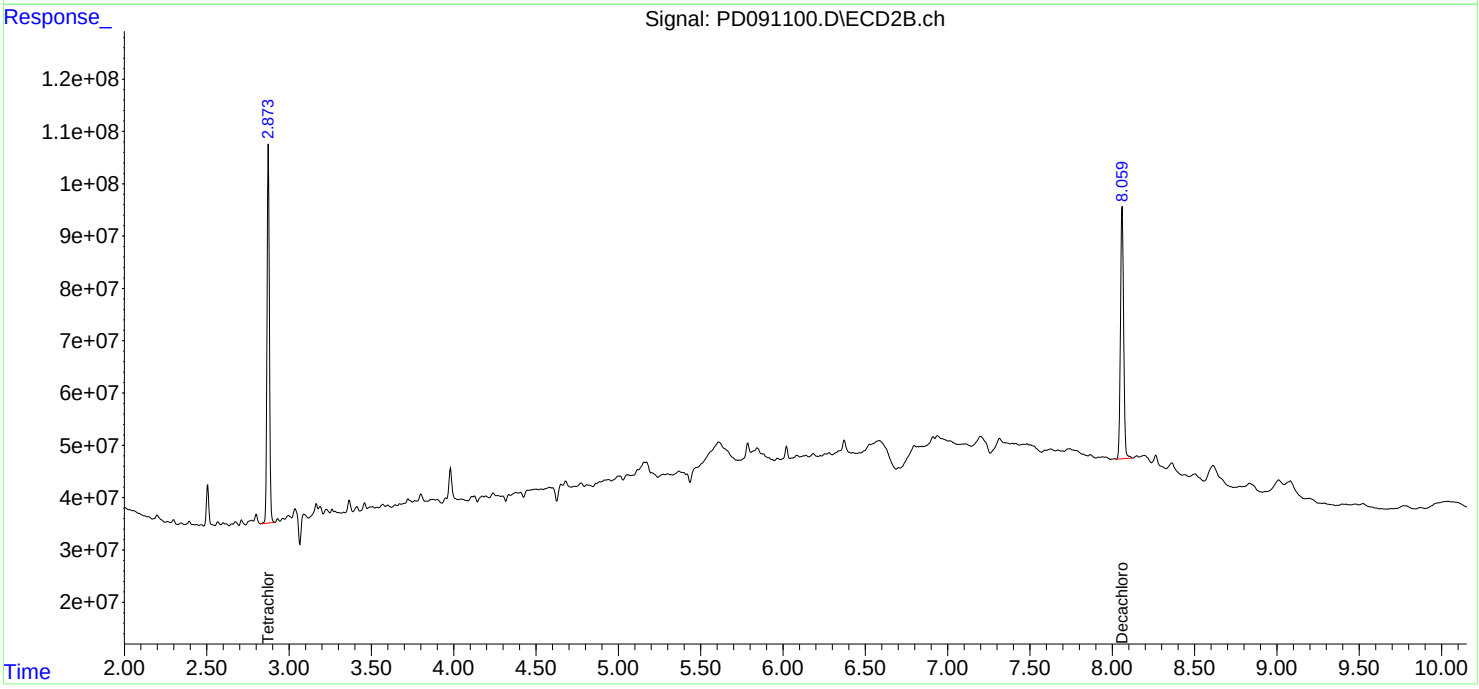
Manual Integrations APPROVED

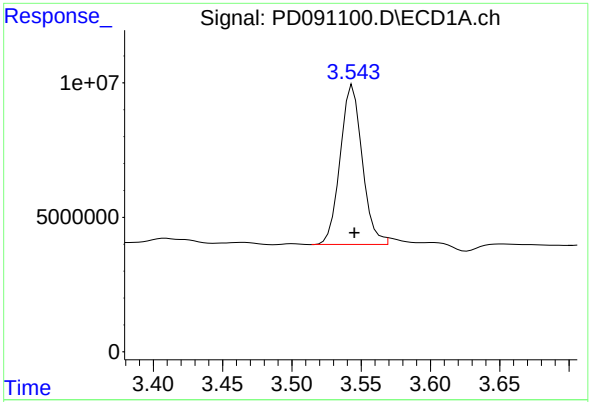
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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







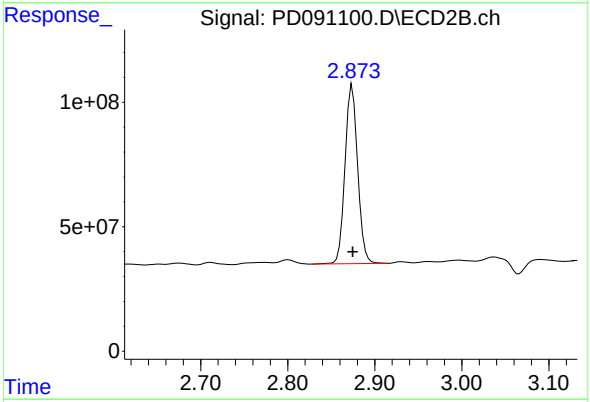
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 65451424
Conc: 21.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-3

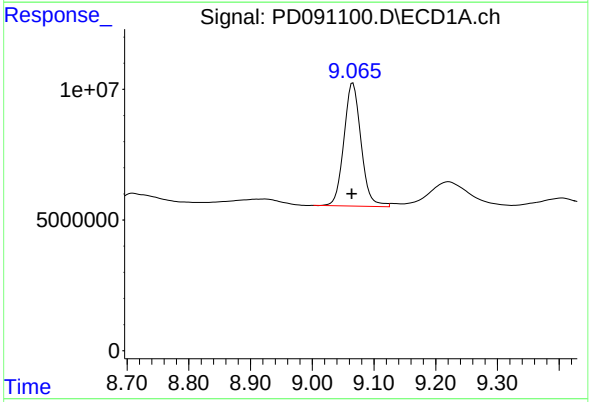
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



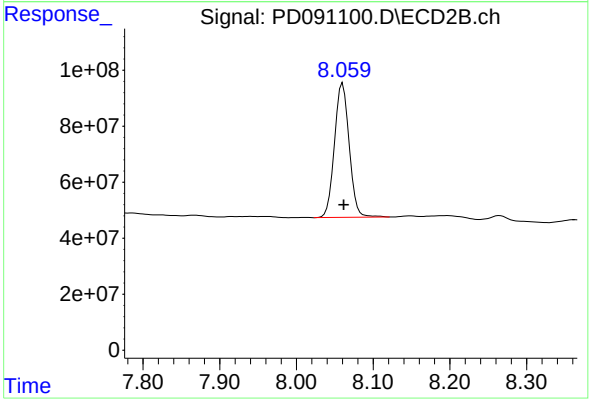
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 723646374
Conc: 24.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 90836664
Conc: 19.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 640027420
Conc: 21.13 ng/ml

Raw Data: **PD091102.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	480 mL Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.052	ug/L	11/12/25 13:50	PB170485
319-85-7	beta-BHC	0.0051	U	1	0.0051	0.052	ug/L	11/12/25 13:50	PB170485
319-86-8	delta-BHC	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/12/25 13:50	PB170485
309-00-2	Aldrin	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 13:50	PB170485
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.052	ug/L	11/12/25 13:50	PB170485
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/12/25 13:50	PB170485
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 13:50	PB170485
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
72-20-8	Endrin	0.0043	J	1	0.0033	0.052	ug/L	11/12/25 13:50	PB170485
33213-65-9	Endosulfan II	0.0082	U	1	0.0082	0.052	ug/L	11/12/25 13:50	PB170485
72-54-8	4,4-DDD	0.0074	U	1	0.0074	0.052	ug/L	11/12/25 13:50	PB170485
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 13:50	PB170485
72-43-5	Methoxychlor	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
53494-70-5	Endrin ketone	0.0097	U	1	0.0097	0.052	ug/L	11/12/25 13:50	PB170485
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 13:50	PB170485
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.052	ug/L	11/12/25 13:50	PB170485
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/12/25 13:50	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.1			30 (31) - 150 (149)	75%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.8			30 (41) - 150 (134)	114%	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

Sample Results: **PD091102.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:50
Operator : AR\AJ
Sample : Q3584-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	63350812	679.5E6	20.343	22.819
28)	SA Decachlor...	9.066	8.060	67251662	456.7E6	14.376	15.076
	Target Compounds						
14)	MA Endrin	6.577	5.788	921440	16681405	0.186	0.412 #

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

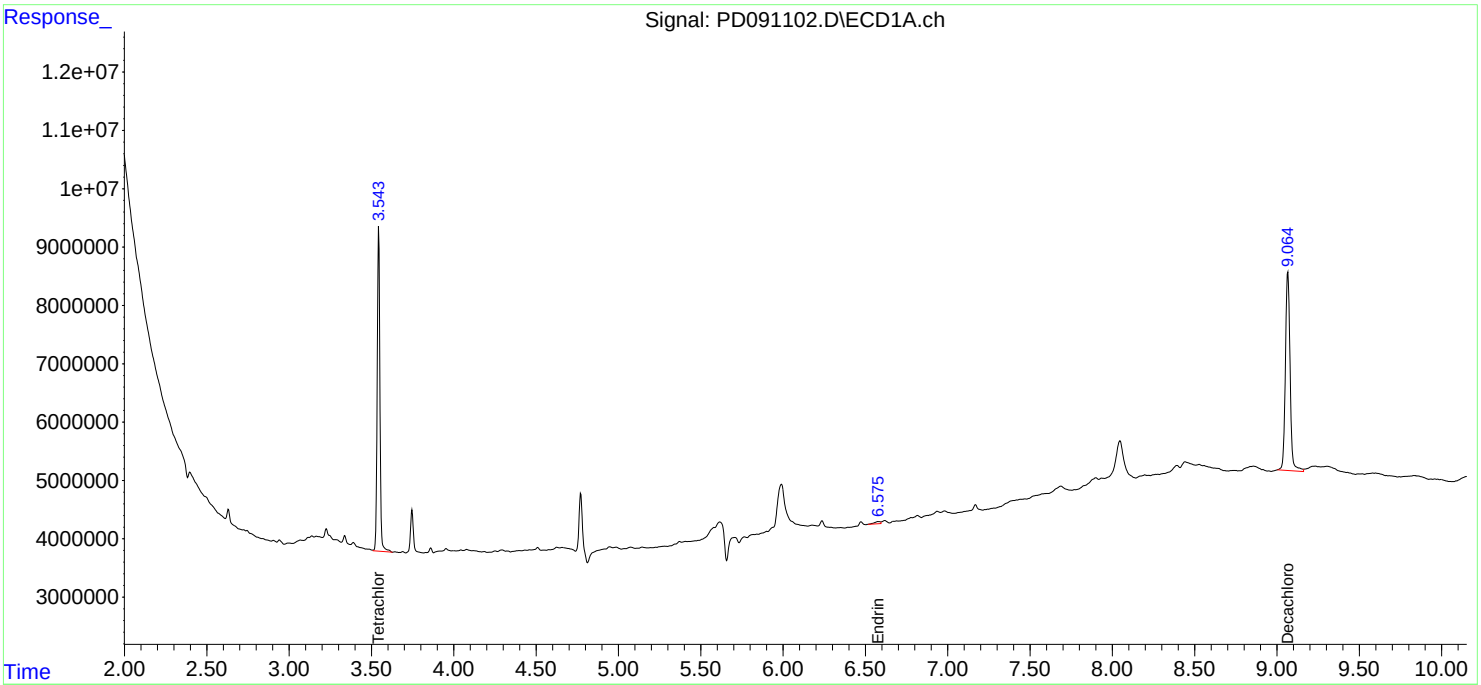
Sample Results: **PD091102.D**

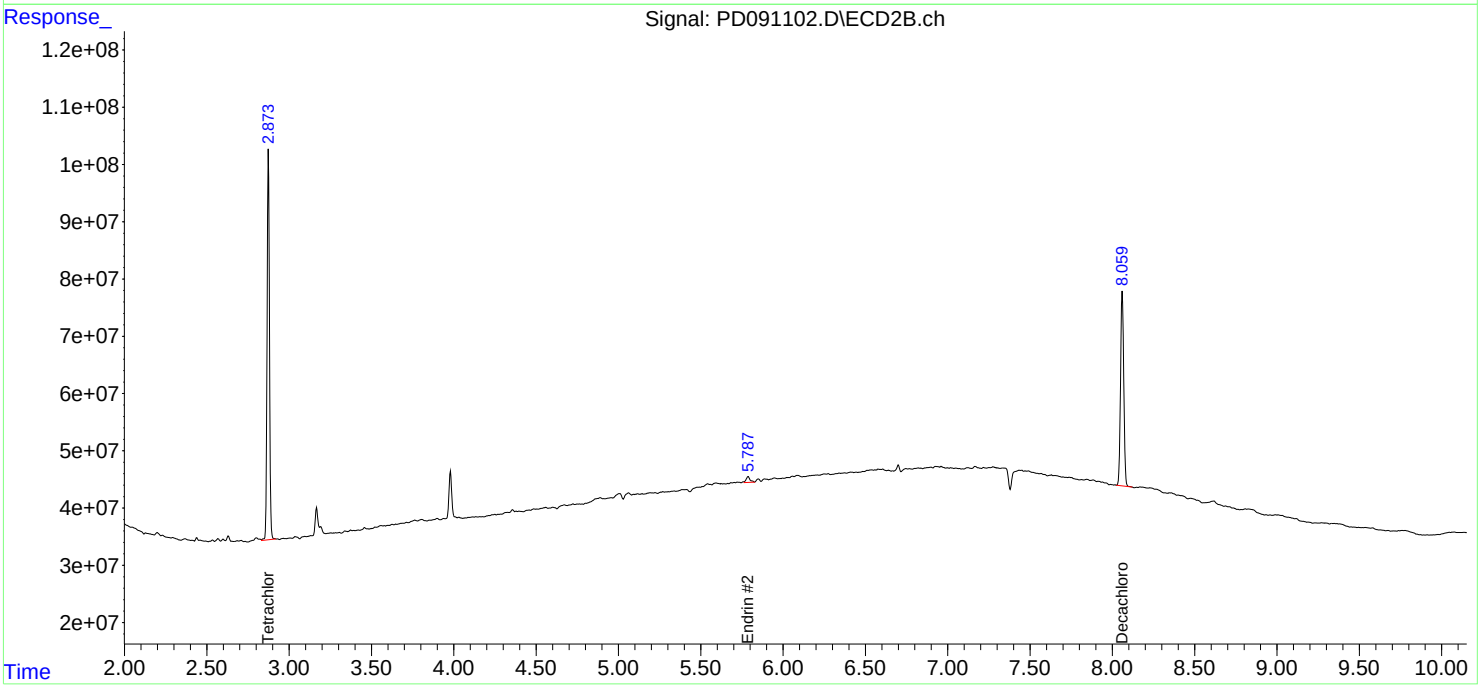
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:50
Operator : AR\AJ
Sample : Q3584-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

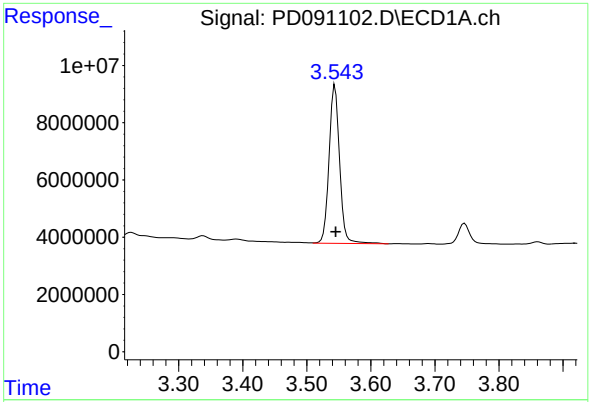
Instrument :
ECD_D
ClientSampleId :
EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



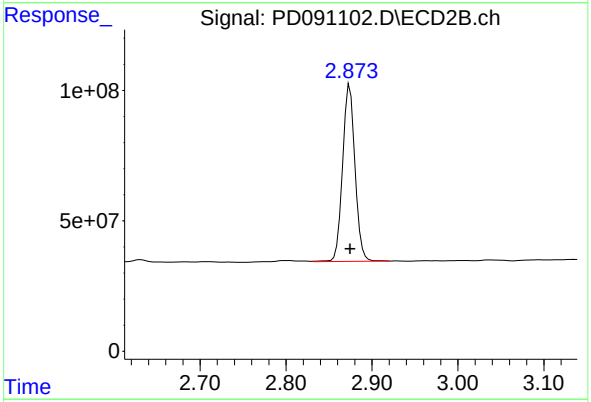




#1 Tetrachloro-m-xylene

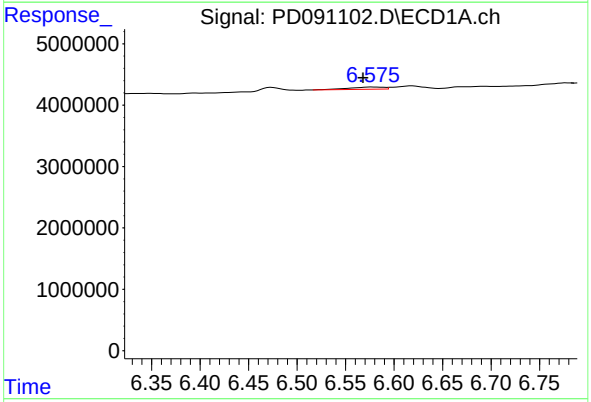
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 63350812
Conc: 20.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-2



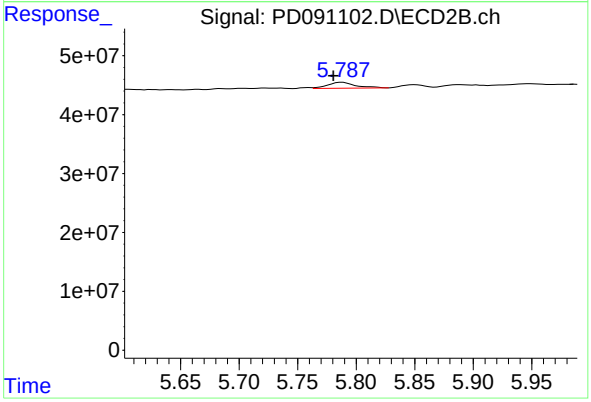
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 679489274
Conc: 22.82 ng/ml



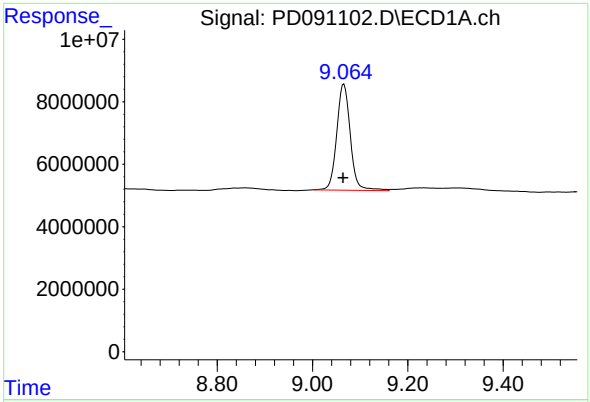
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.009 min
Response: 921440
Conc: 0.19 ng/ml



#14 Endrin

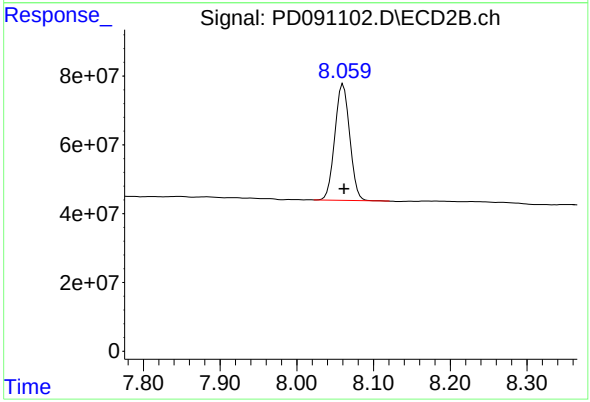
R.T.: 5.788 min
Delta R.T.: 0.008 min
Response: 16681405
Conc: 0.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 67251662
Conc: 14.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-2



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 456667436
Conc: 15.08 ng/ml

Raw Data: **PD091103.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	11/12/25 14:03	PB170485
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	11/12/25 14:03	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	11/12/25 14:03	PB170485
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 14:03	PB170485
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	11/12/25 14:03	PB170485
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	11/12/25 14:03	PB170485
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 14:03	PB170485
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	11/12/25 14:03	PB170485
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	11/12/25 14:03	PB170485
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/12/25 14:03	PB170485
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 14:03	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	11/12/25 14:03	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 14:03	PB170485
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	11/12/25 14:03	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 14:03	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.3			30 (31) - 150 (149)	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.5			30 (41) - 150 (134)	113%	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\PD111225\
Data File : PD091103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:03
Operator : AR\AJ
Sample : Q3584-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.875	62921499	670.3E6	20.205	22.510
28)	SA Decachlor...	9.067	8.060	79646283	615.2E6	17.026	20.308
	Target Compounds						

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

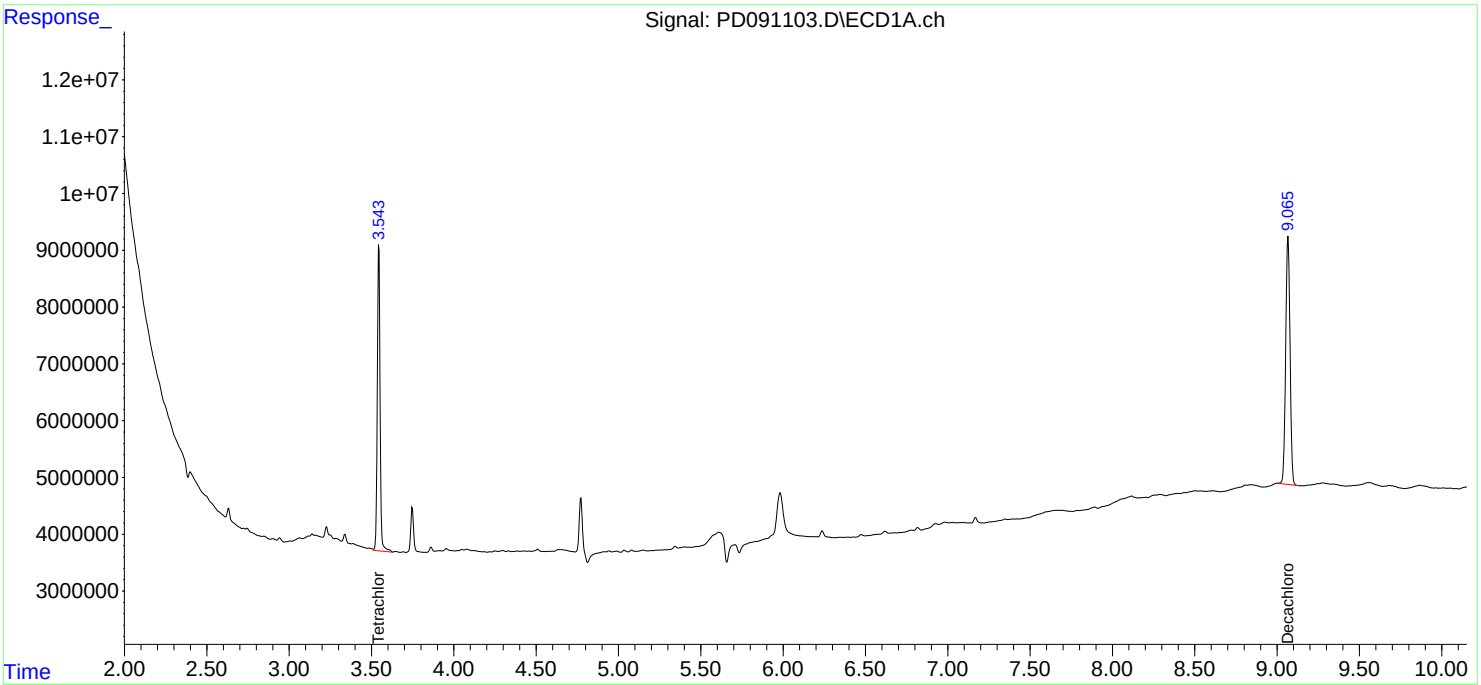
Sample Results: **PD091103.D**

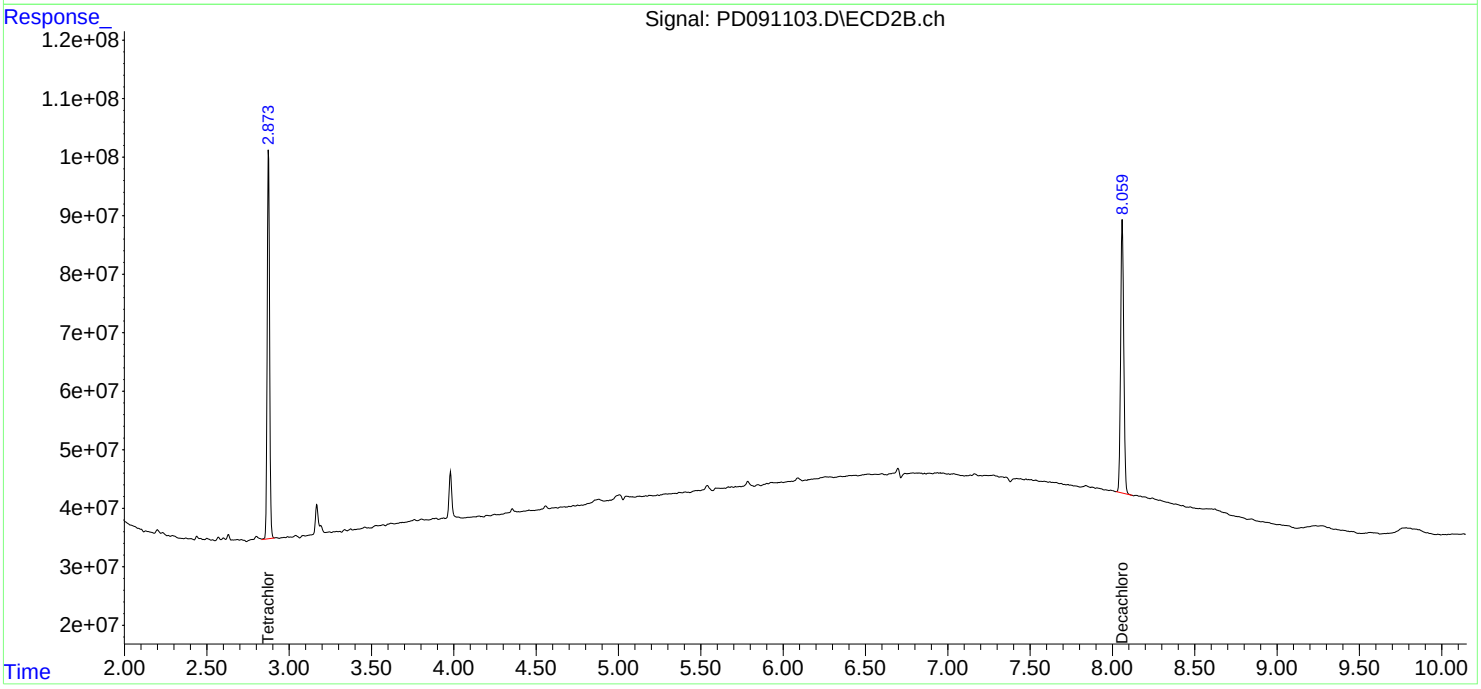
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:03
Operator : AR\AJ
Sample : Q3584-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

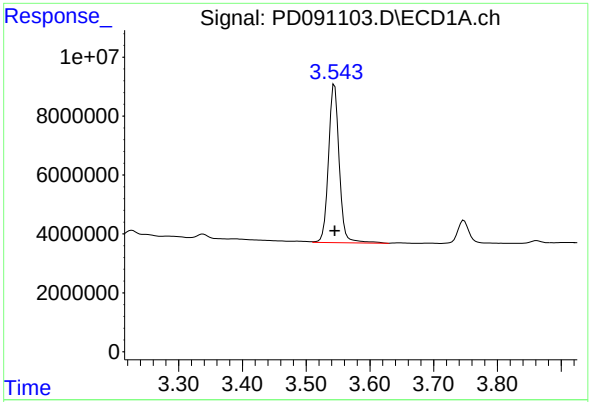
Instrument :
ECD_D
ClientSampleId :
FB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



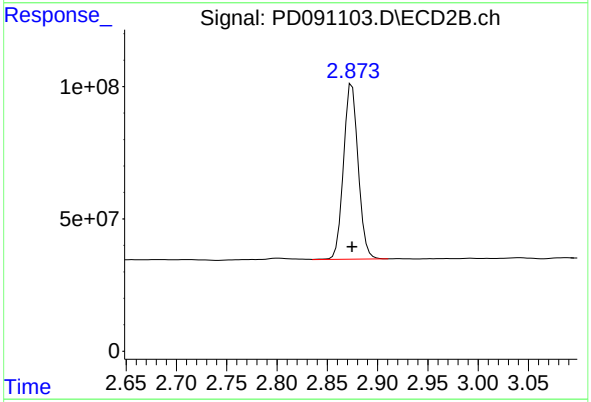




#1 Tetrachloro-m-xylene

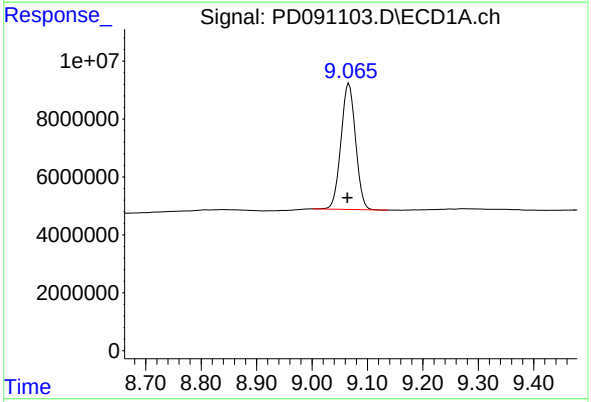
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 62921499
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
FB-2



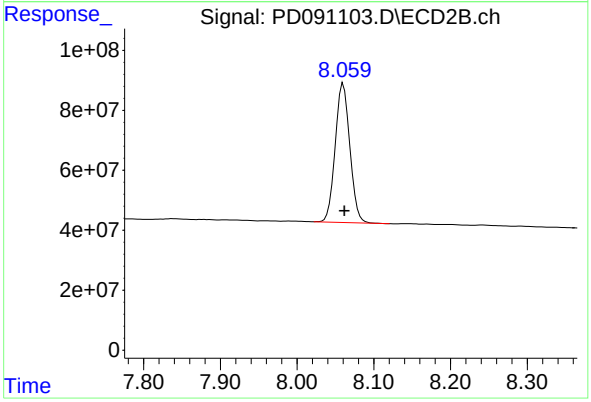
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 670289234
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 79646283
Conc: 17.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 615152813
Conc: 20.31 ng/ml

Raw Data: **PD091124.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

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	0.051	ug/L	11/12/25 19:18	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/12/25 19:18	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/12/25 19:18	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 19:18	PB170485
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/12/25 19:18	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/12/25 19:18	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 19:18	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/12/25 19:18	PB170485
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/12/25 19:18	PB170485
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/12/25 19:18	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/12/25 19:18	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/12/25 19:18	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/12/25 19:18	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/12/25 19:18	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 19:18	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.43			30 (31) - 150 (149)	47%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	13.1			30 (41) - 150 (134)	66%	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

Sample Results: **PD091124.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 19:18
Operator : AR\AJ
Sample : Q3584-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	36279374	390.6E6	11.650m	13.116m
28)	SA Decachlor...	9.065	8.059	44108038	230.5E6	9.429m	7.611
	Target Compounds						

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

Sample Results: **PD091124.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 19:18
Operator : AR\AJ
Sample : Q3584-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

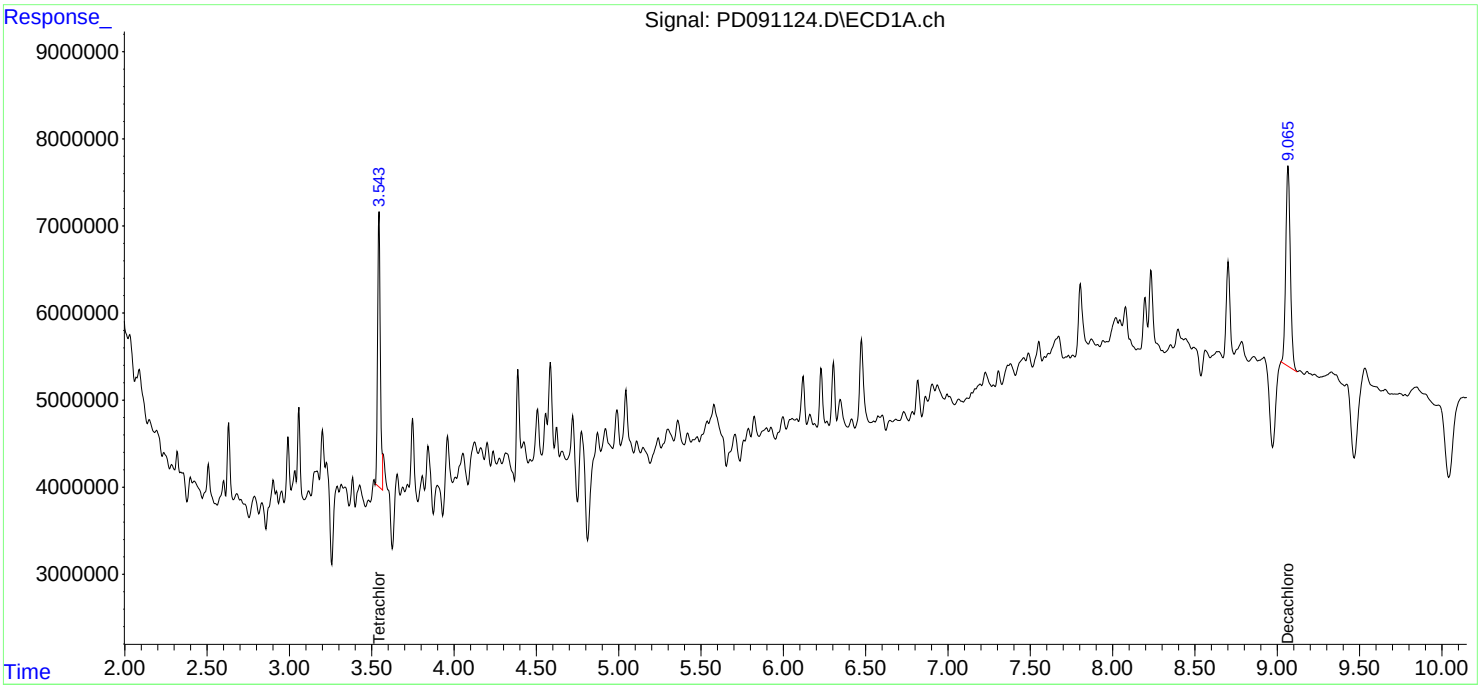
Instrument :
ECD_D
ClientSampleId :
SEEP-1

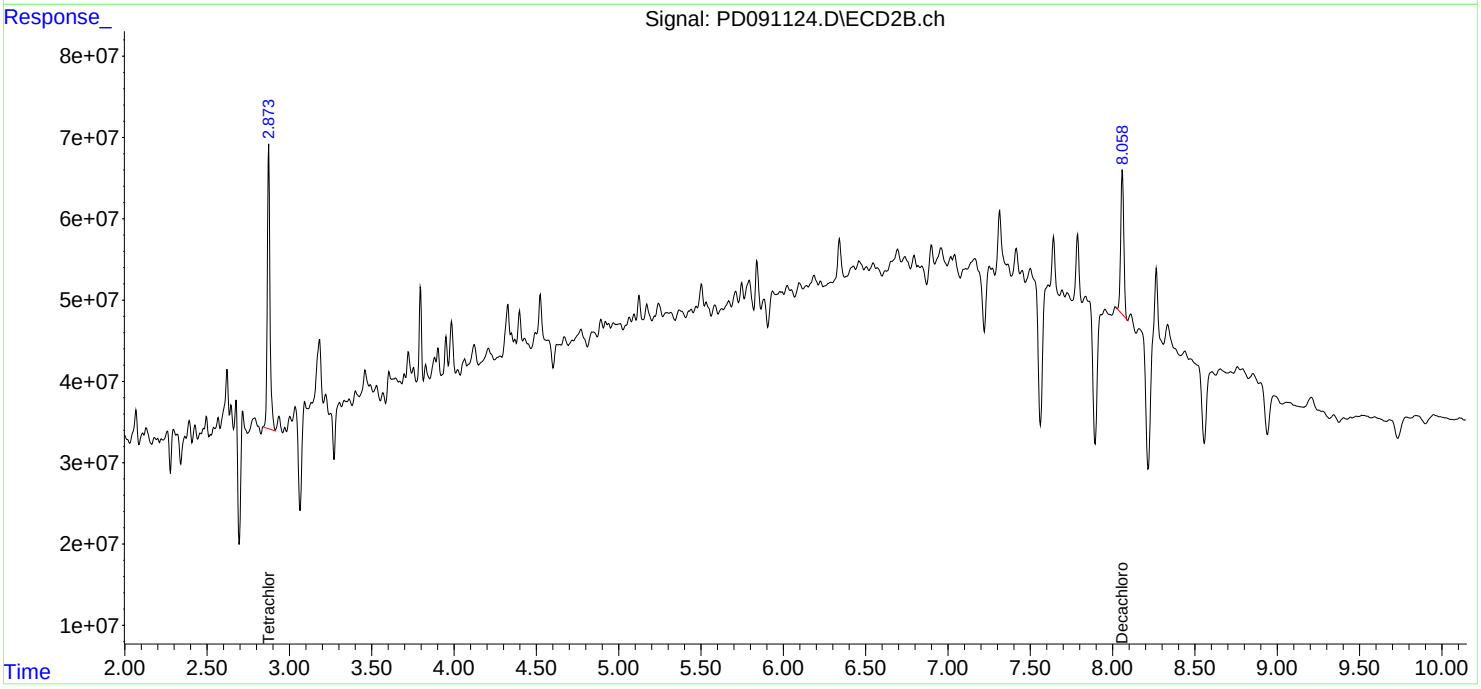
Manual Integrations APPROVED

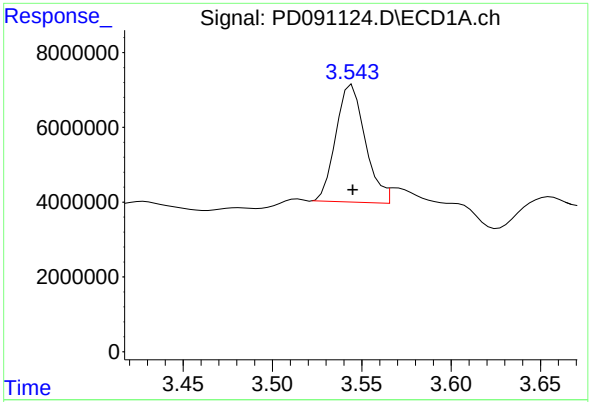
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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







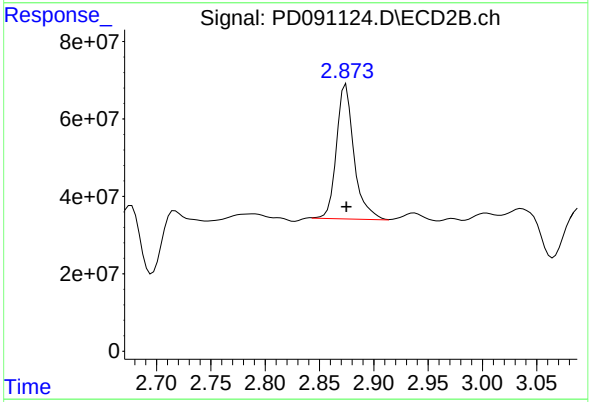
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 36279374
Conc: 11.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SEEP-1

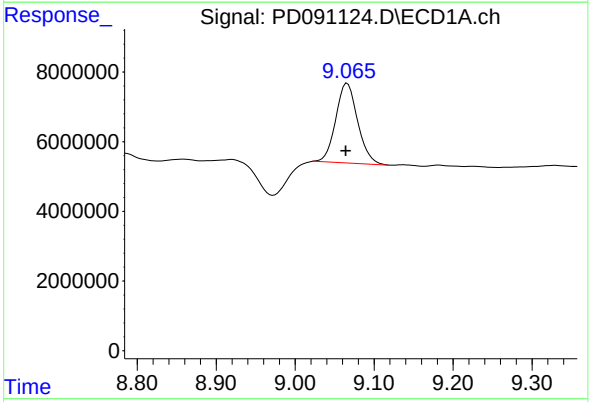
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



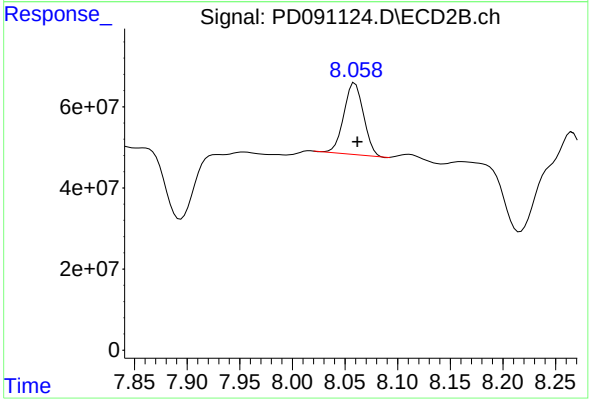
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 390551042
Conc: 13.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 44108038
Conc: 9.43 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 230536544
Conc: 7.61 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3584
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3584
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

Raw Data

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: REMI02
SDG NO.: Q3584
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

Raw Data

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: REMI02
SDG NO.: Q3584
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

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

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

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

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

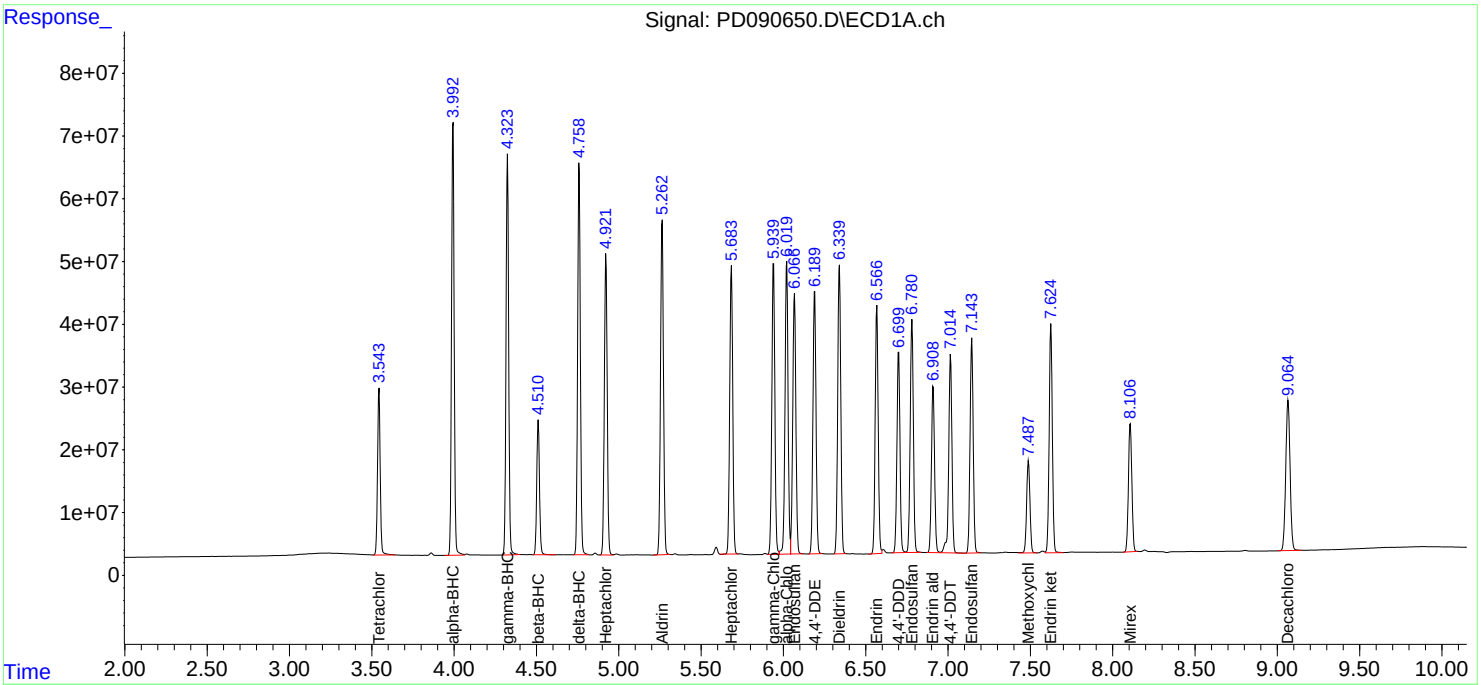
ICAL Form

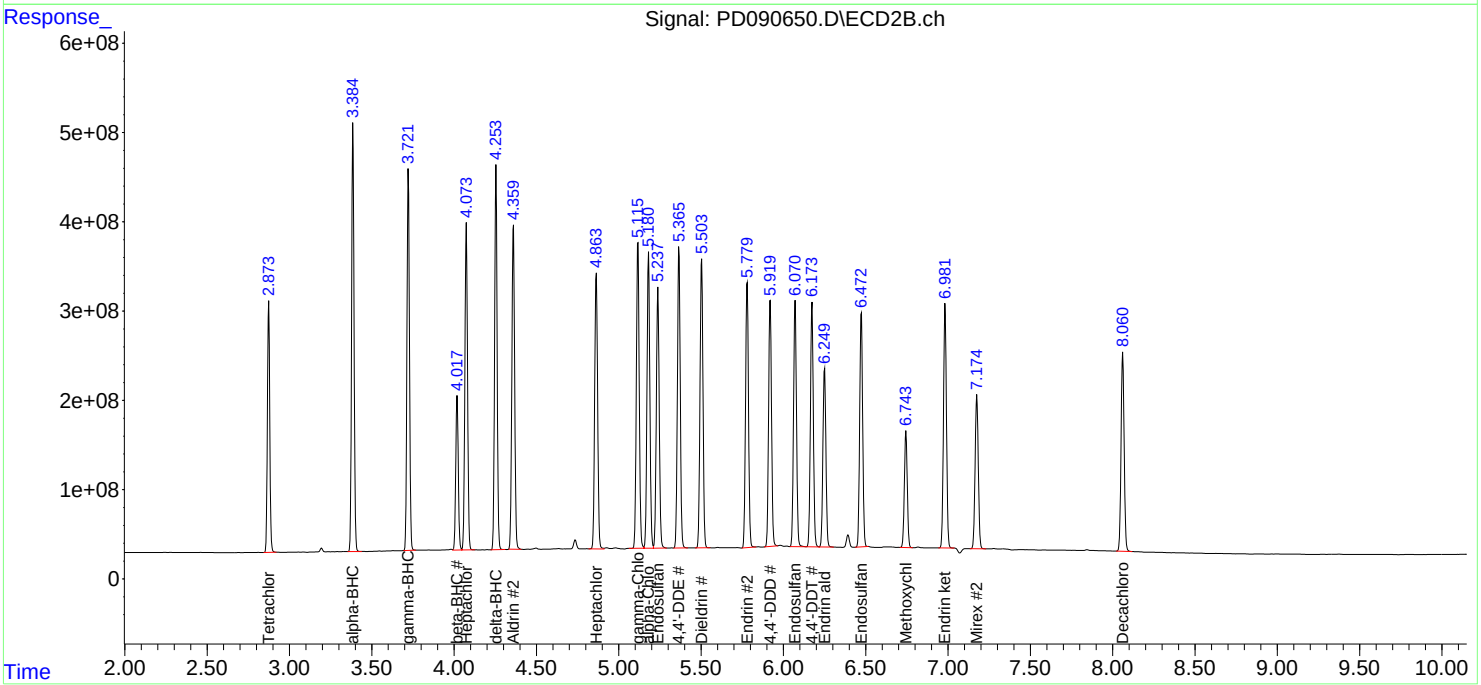
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:34
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

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

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.545	2.875	221.3E6	2076.7E6	73.844	73.982
28) SA	Decachlor...	9.065	8.062	323.6E6	2118.5E6	73.652	73.550
	Target Compounds						
2) A	alpha-BHC	3.994	3.387	555.2E6	3629.4E6	74.331	73.972
3) MA	gamma-BHC...	4.325	3.723	517.9E6	3345.4E6	74.376	74.044
4) MA	Heptachlor	4.923	4.076	419.8E6	3135.8E6	74.519	74.471
5) MB	Aldrin	5.265	4.361	492.2E6	3268.1E6	74.671	74.449
6) B	beta-BHC	4.512	4.019	186.7E6	1377.4E6	74.235	74.130
7) B	delta-BHC	4.760	4.255	517.9E6	3391.5E6	74.535	74.261
8) B	Heptachlo...	5.685	4.865	428.1E6	2916.9E6	74.574	74.304
9) A	Endosulfan I	6.068	5.239	405.3E6	2744.0E6	74.575	74.497
10) B	gamma-Chl...	5.940	5.117	442.1E6	3181.7E6	74.831	74.517
11) B	alpha-Chl...	6.021	5.182	442.9E6	3041.3E6	74.605	74.512
12) B	4,4'-DDE	6.191	5.366	402.8E6	3089.3E6	74.945	74.597
13) MA	Dieldrin	6.341	5.504	438.1E6	3106.9E6	74.726	74.493
14) MA	Endrin	6.568	5.781	372.2E6	2837.1E6	74.757	74.574
15) B	Endosulfa...	6.781	6.072	362.7E6	2622.6E6	74.556	74.457
16) A	4,4'-DDD	6.700	5.921	305.6E6	2573.2E6	74.659	74.529
17) MA	4,4'-DDT	7.016	6.175	311.4E6	2548.7E6	74.584	74.422
18) B	Endrin al...	6.910	6.251	263.1E6	1930.5E6	74.563	74.493
19) B	Endosulfa...	7.145	6.474	337.9E6	2515.4E6	74.430	74.374
20) A	Methoxychlor	7.488	6.745	151.2E6	1223.7E6	73.804	73.968
21) B	Endrin ke...	7.625	6.983	355.2E6	2626.5E6	74.325	74.314
22)	Mirex	8.108	7.176	222.5E6	1780.4E6	74.051	74.497

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

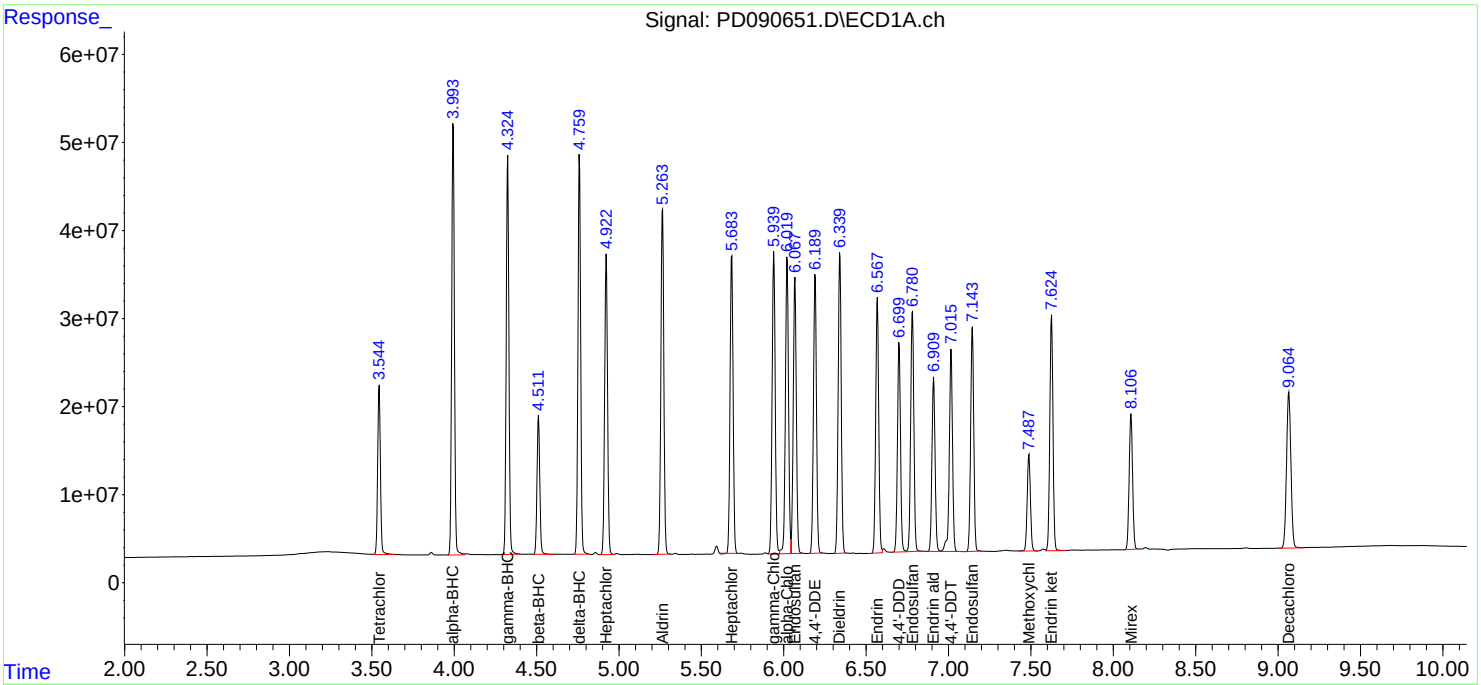
ICAL Form

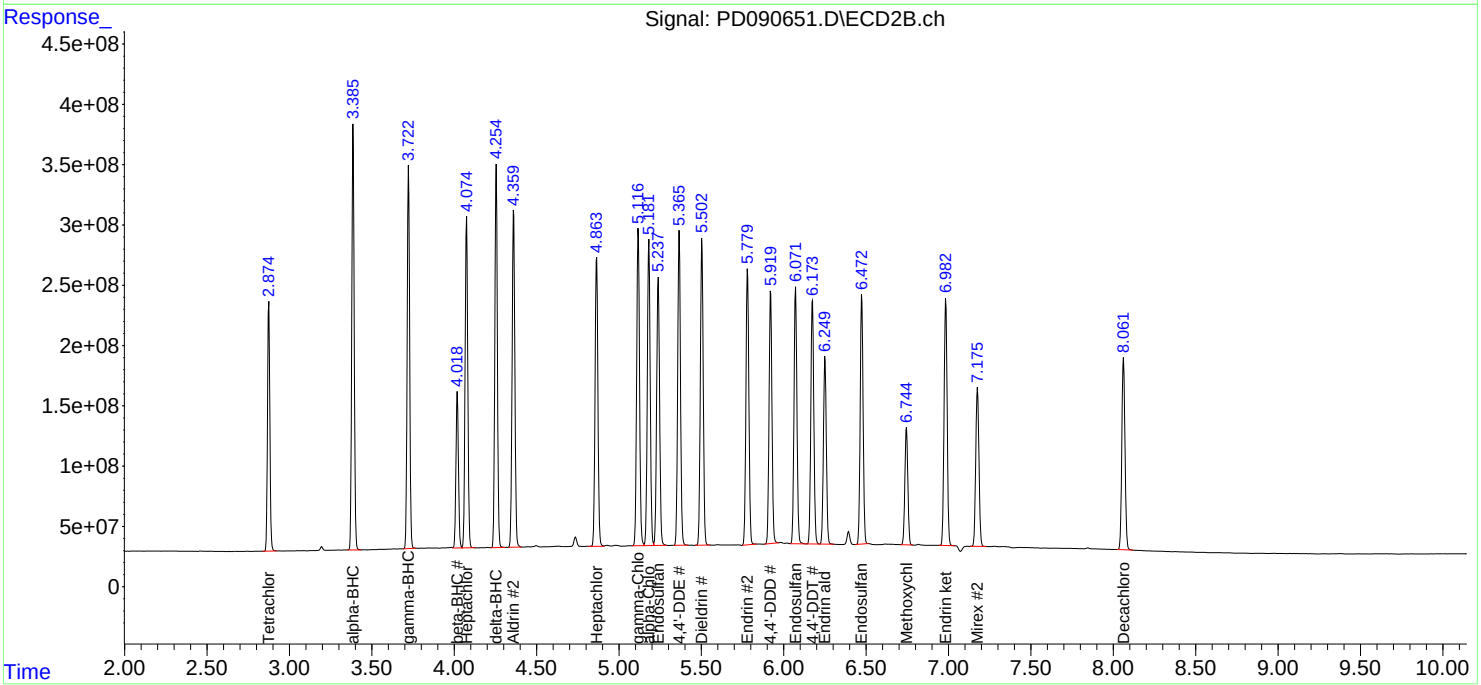
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.545	2.875	151.5E6	1430.9E6	50.000	50.000
28) SA	Decachlor...	9.064	8.062	225.3E6	1465.4E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.994	3.387	362.6E6	2484.2E6	50.000	50.000
3) MA	gamma-BHC...	4.325	3.723	340.0E6	2298.6E6	50.000	50.000
4) MA	Heptachlor	4.923	4.075	277.3E6	2162.0E6	50.000	50.000
5) MB	Aldrin	5.264	4.361	325.8E6	2251.7E6	50.000	50.000
6) B	beta-BHC	4.512	4.019	127.0E6	954.0E6	50.000	50.000
7) B	delta-BHC	4.760	4.255	338.6E6	2323.3E6	50.000	50.000
8) B	Heptachlo...	5.684	4.864	285.9E6	2033.6E6	50.000	50.000
9) A	Endosulfan I	6.068	5.238	272.5E6	1909.3E6	50.000	50.000
10) B	gamma-Chl...	5.940	5.117	292.8E6	2187.4E6	50.000	50.000
11) B	alpha-Chl...	6.021	5.181	296.9E6	2094.7E6	50.000	50.000
12) B	4,4'-DDE	6.190	5.366	265.9E6	2127.4E6	50.000	50.000
13) MA	Dieldrin	6.340	5.504	290.9E6	2154.8E6	50.000	50.000
14) MA	Endrin	6.568	5.781	246.9E6	1970.0E6	50.000	50.000
15) B	Endosulfa...	6.781	6.072	244.3E6	1821.6E6	50.000	50.000
16) A	4,4'-DDD	6.700	5.921	202.8E6	1778.0E6	50.000	50.000
17) MA	4,4'-DDT	7.015	6.174	205.9E6	1743.4E6	50.000	50.000
18) B	Endrin al...	6.910	6.250	178.6E6	1344.7E6	50.000	50.000
19) B	Endosulfa...	7.145	6.474	227.8E6	1748.0E6	50.000	50.000
20) A	Methoxychlor	7.488	6.745	103.9E6	859.9E6	50.000	50.000
21) B	Endrin ke...	7.625	6.983	239.1E6	1827.5E6	50.000	50.000
22)	Mirex	8.107	7.175	154.6E6	1232.0E6	50.000	50.000

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

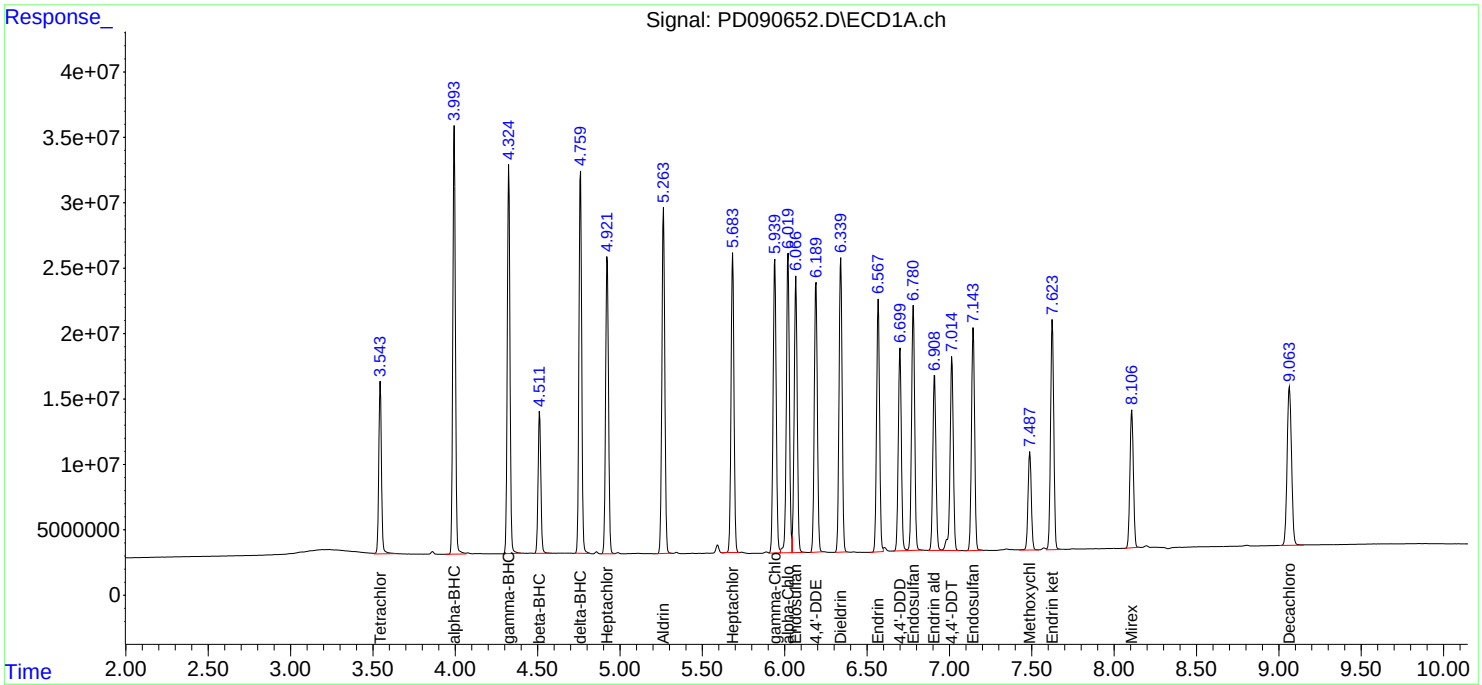
ICAL Form

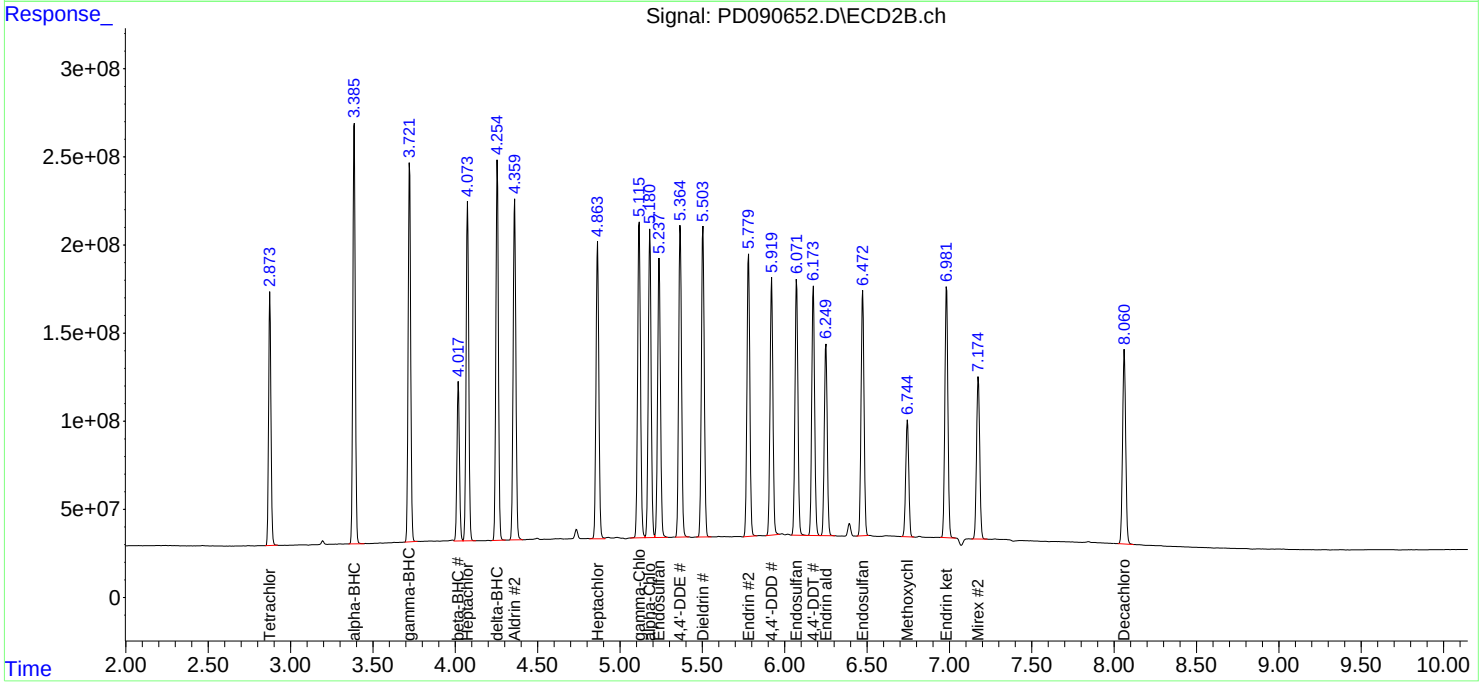
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:01
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

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

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

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

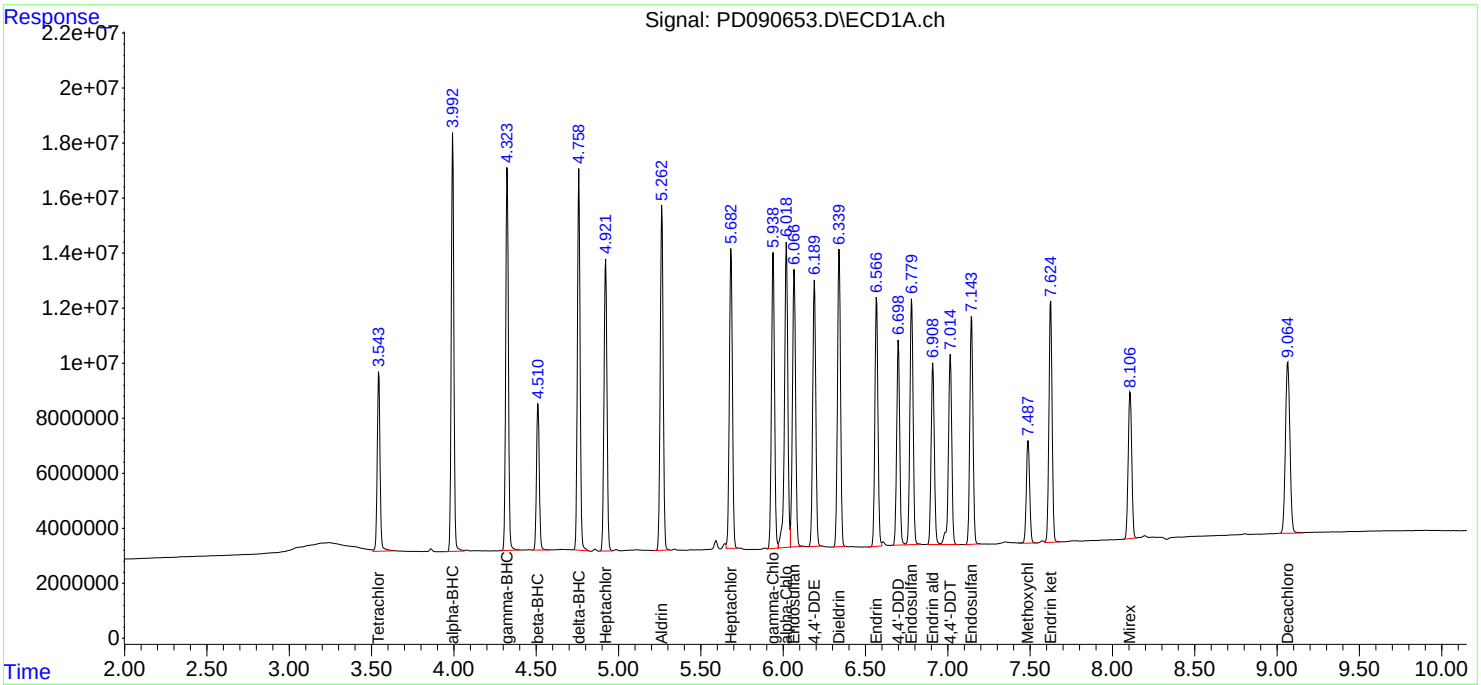
ICAL Form

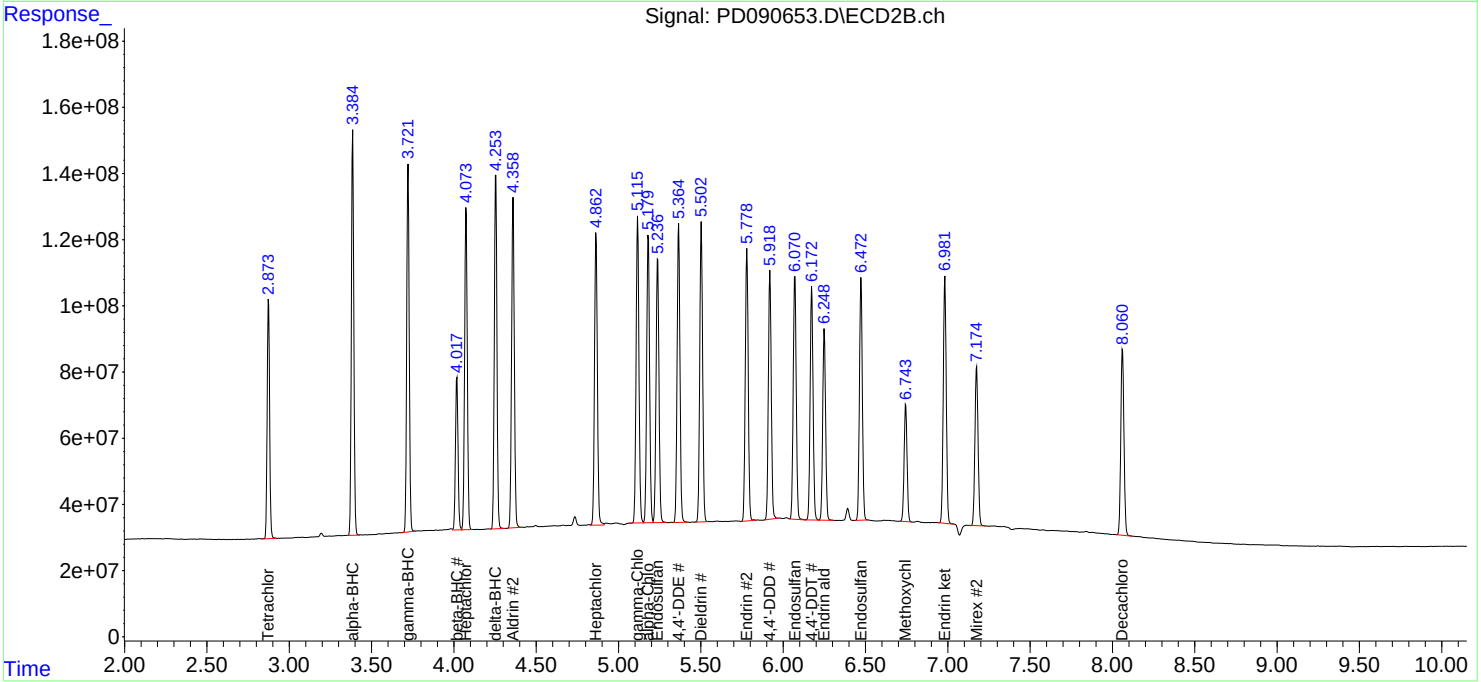
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

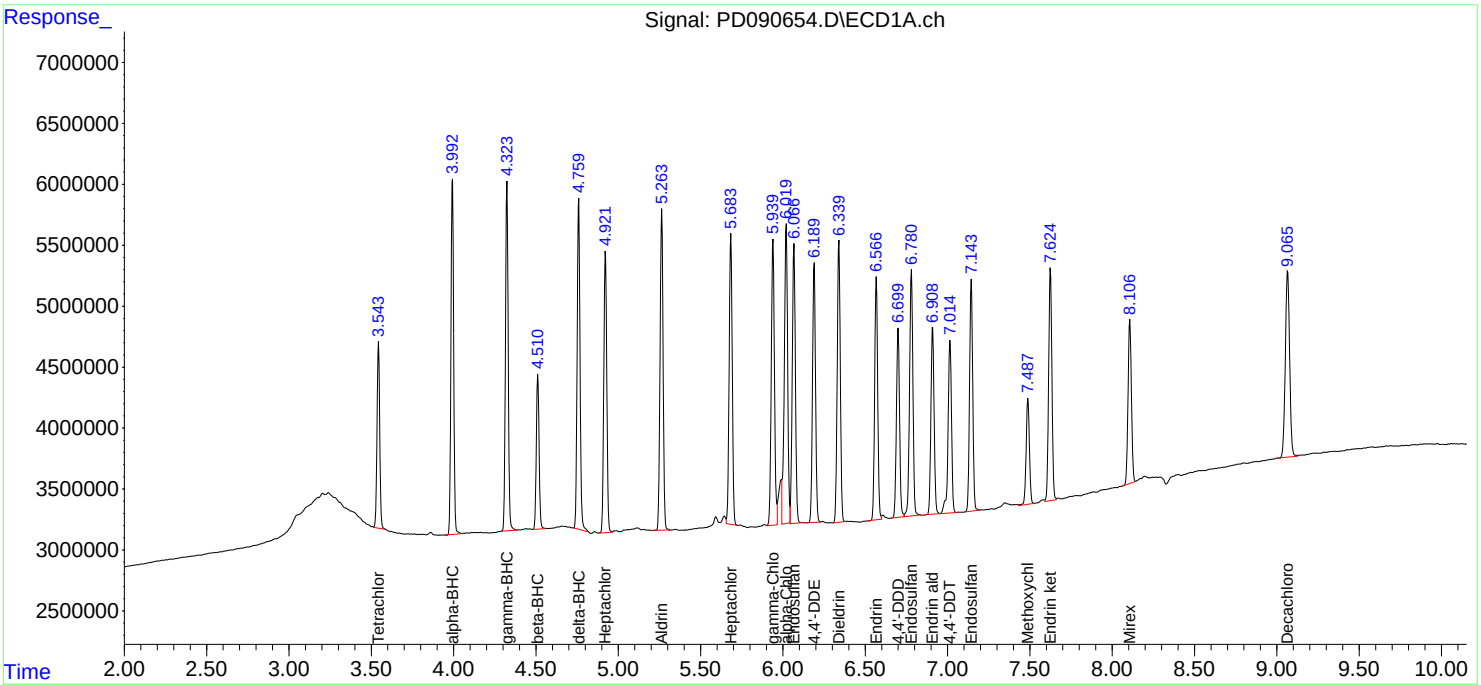
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

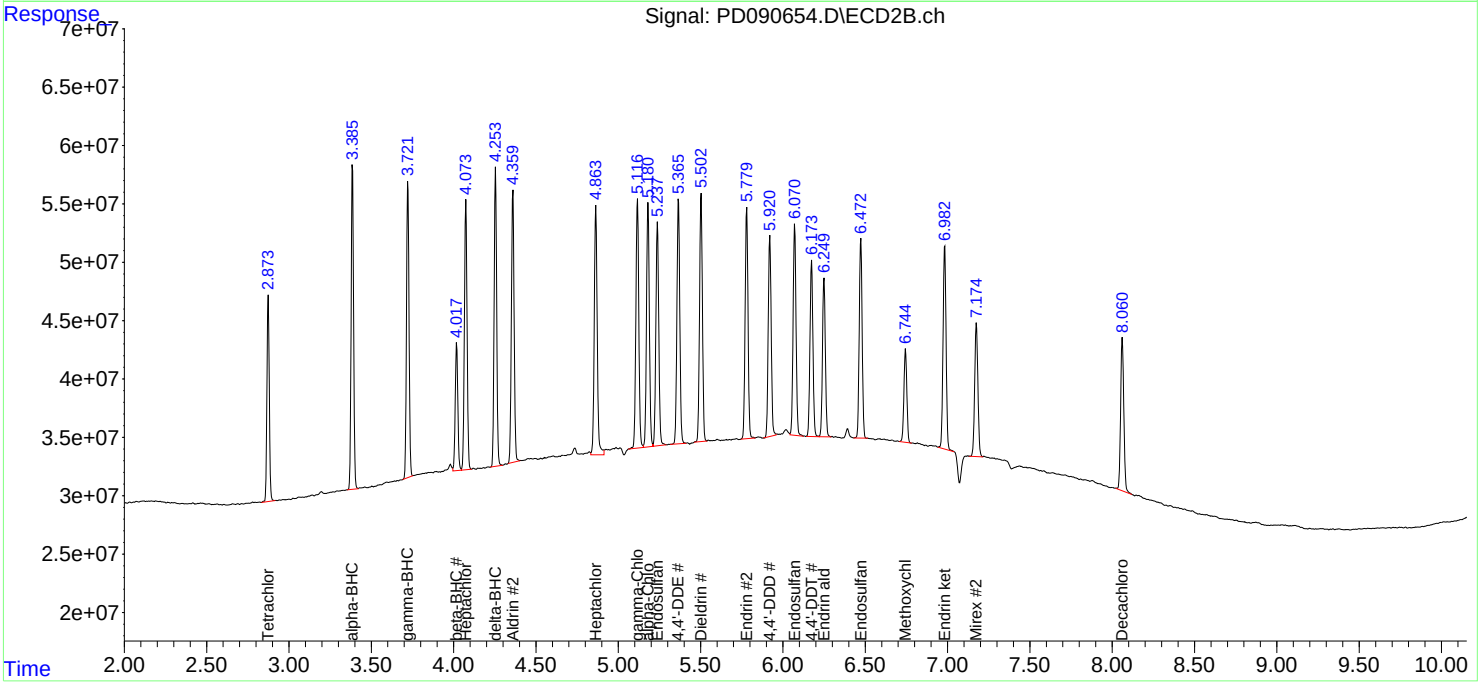
Manual Integrations APPROVED

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

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

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





Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.874	108.8E6	1215.0E6	50.000	50.000
28)	SA Decachlor...	9.066	8.062	167.8E6	1105.6E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.708	3.898	92608674	605.2E6	500.000	500.000
24)	Chlordane-2	5.235	4.479	92865500	631.9E6	500.000	500.000
25)	Chlordane-3	5.941	5.117	379.1E6	1885.9E6	500.000	500.000
26)	Chlordane-4	6.026	5.181	458.8E6	1625.9E6	500.000	500.000
27)	Chlordane-5	6.865	6.081	74238996	730.3E6	500.000	500.000

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

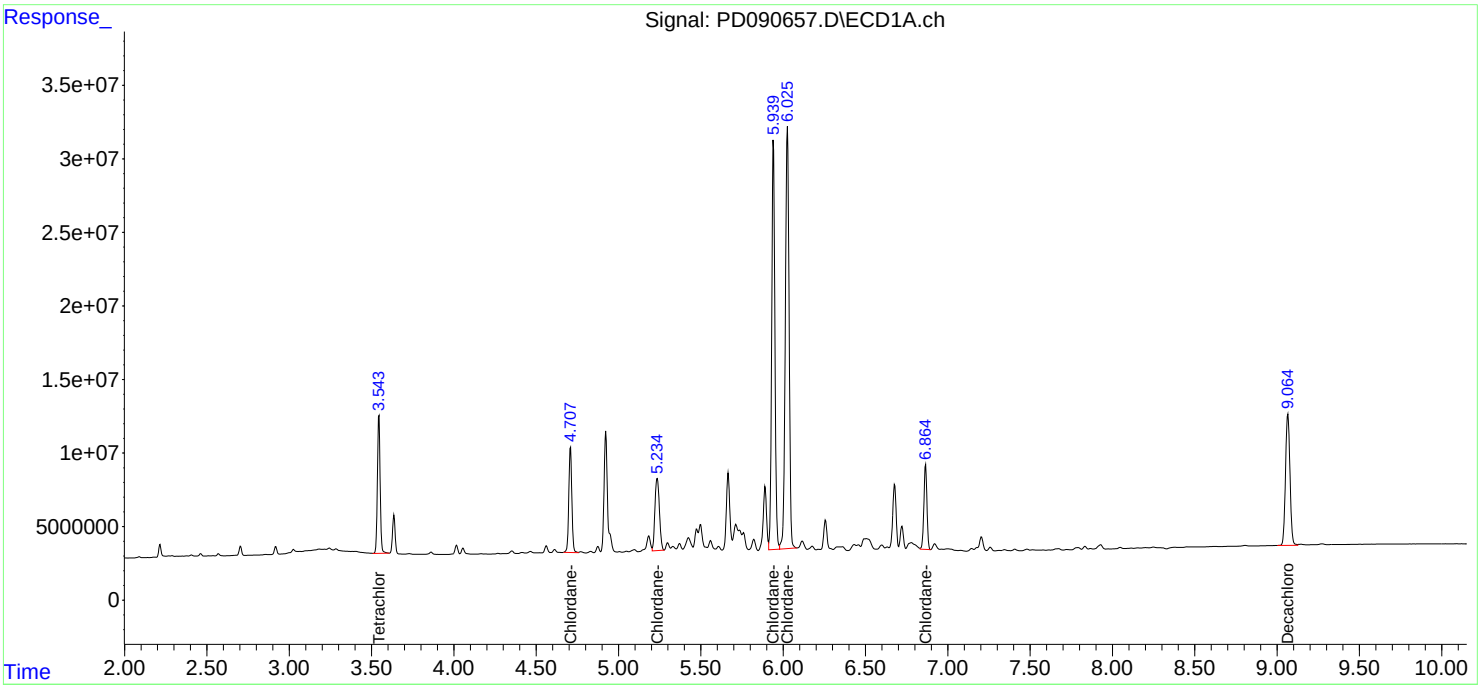
ICAL Form

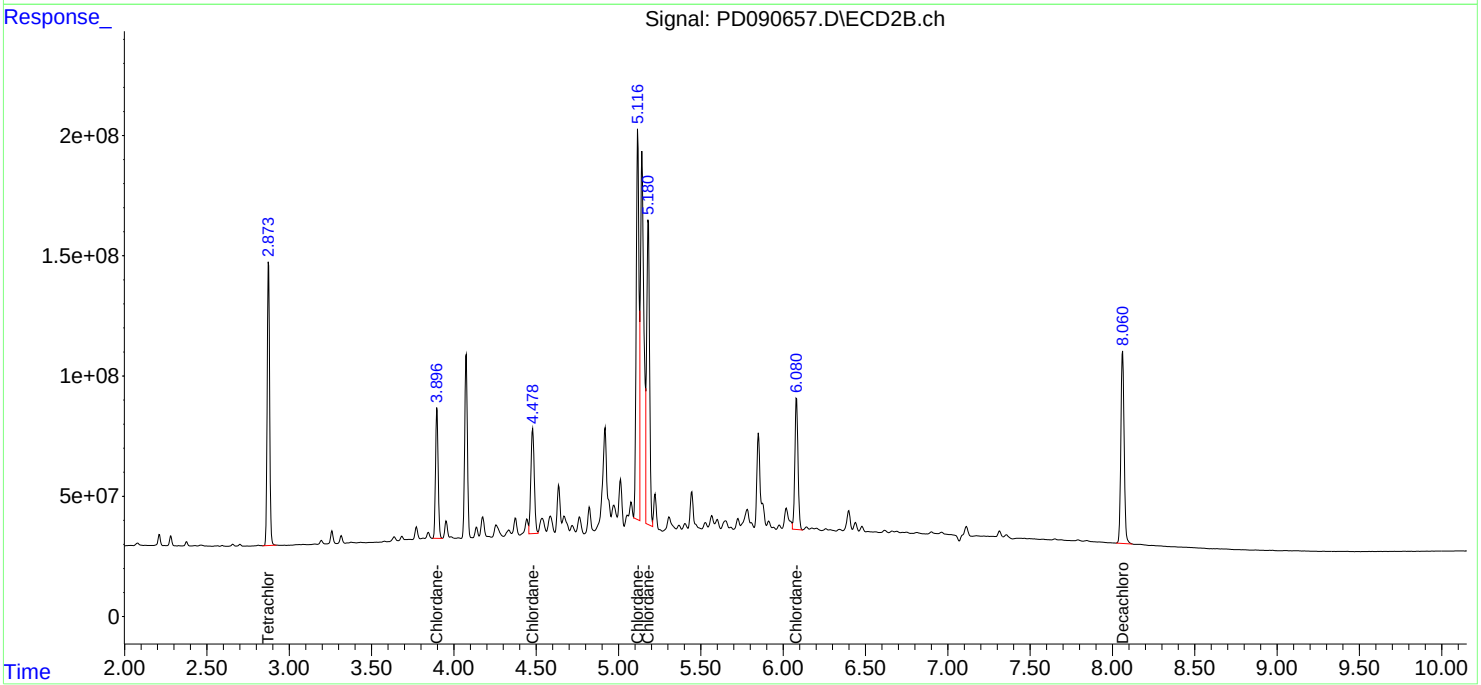
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

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

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





Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.545	2.875	149.0E6	1451.5E6	50.000	50.000
7) SA	Decachlor...	9.066	8.062	225.6E6	1489.1E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.236	5.466	16282219	131.9E6	500.000	500.000
3)	Toxaphene-2	6.436	5.638	24310877	88280081	500.000	500.000
4)	Toxaphene-3	7.143	6.745	42855293	329.4E6	500.000	500.000
5)	Toxaphene-4	7.558	7.189	47868684	247.6E6	500.000	500.000
6)	Toxaphene-5	7.923	7.320	30240231	123.0E6	500.000	500.000

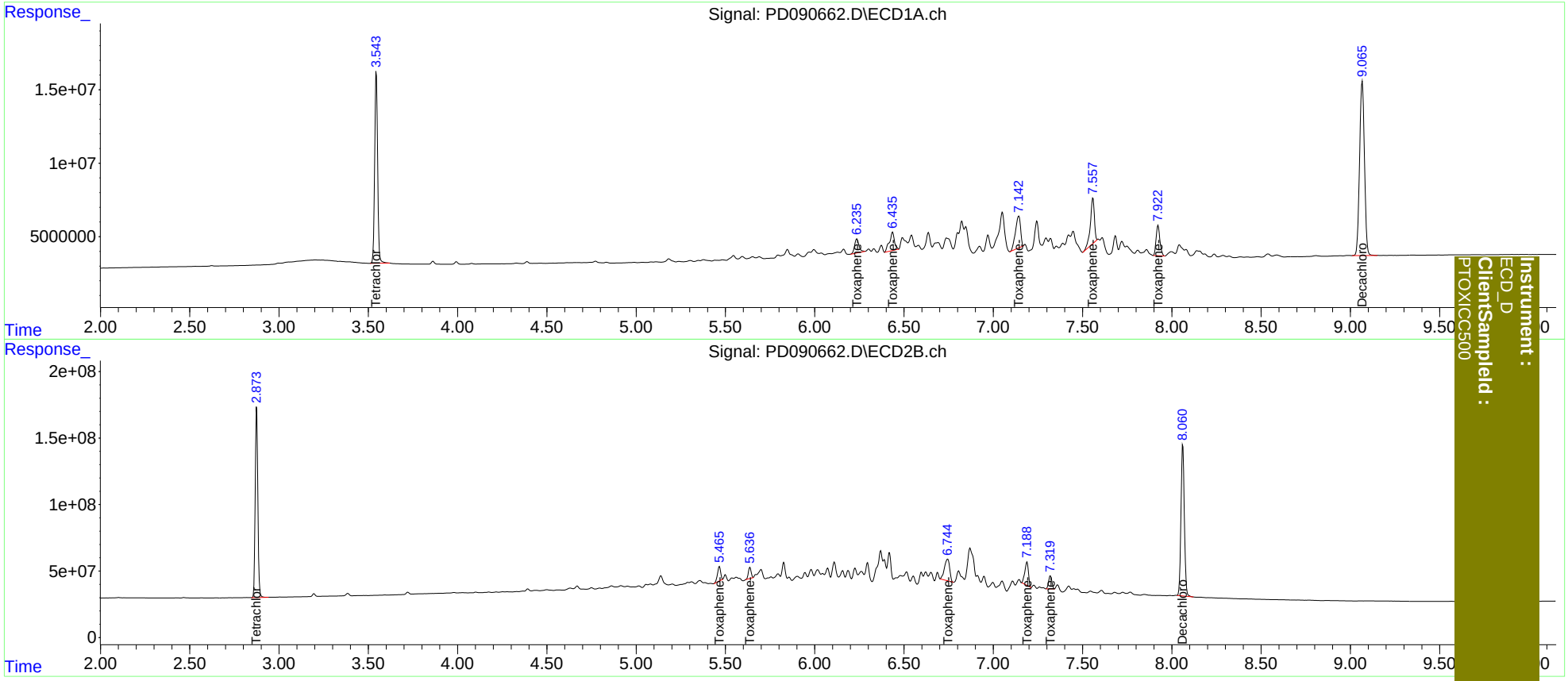
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

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

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

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

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

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

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

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

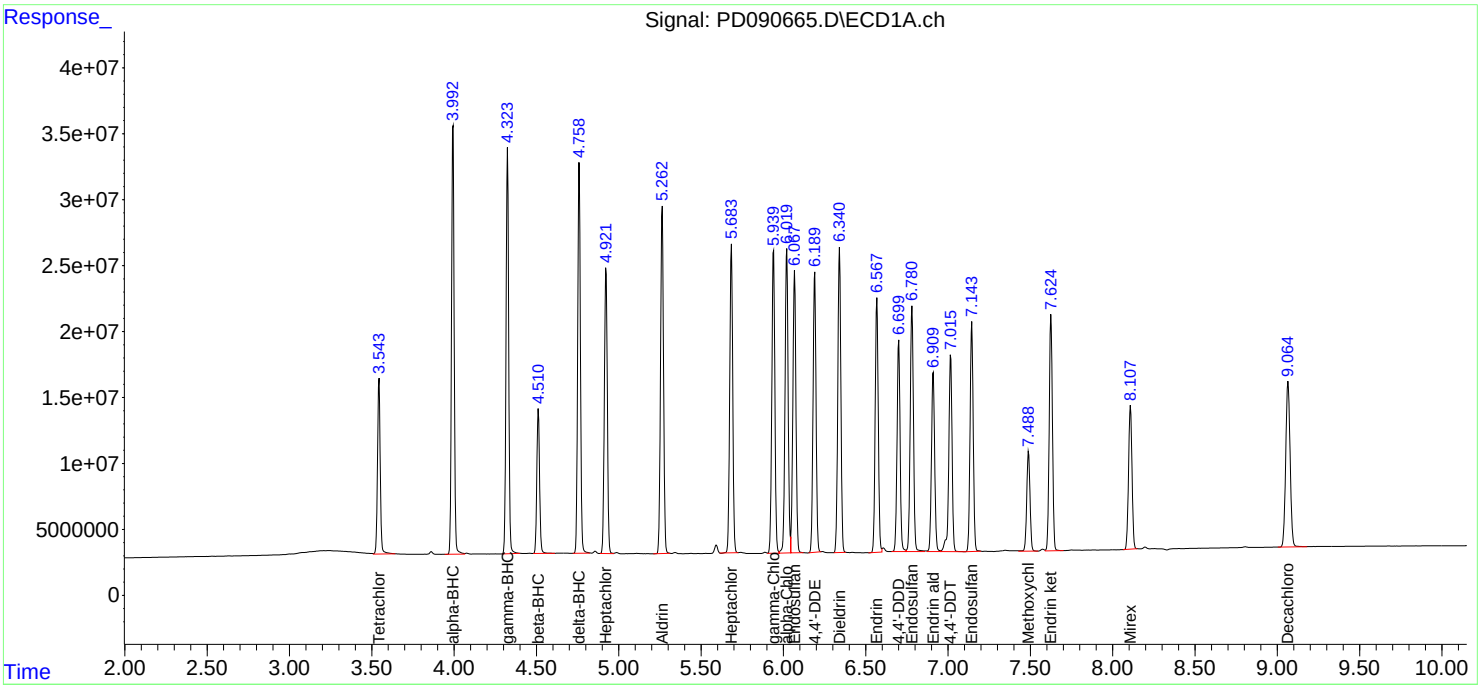
ICAL Form

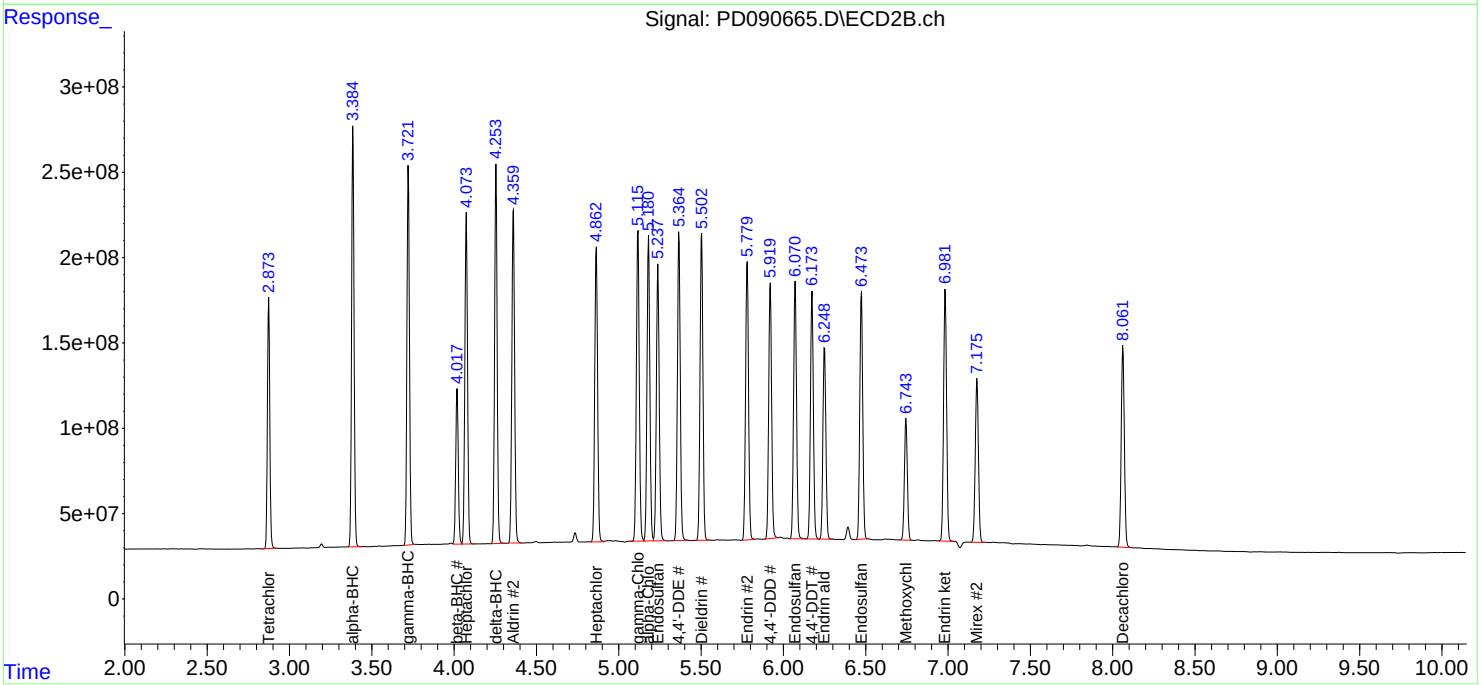
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 16:46
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

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

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 17:50
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 18:03:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.547	2.873	151.2E6	1640.5E6	48.564	55.094
28)	SA Decachlor...	9.069	8.063	245.8E6	1635.1E6	52.541	53.979
	Target Compounds						
23)	Chlordane-1	4.711	3.897	81712455	547.0E6	432.404	438.923
24)	Chlordane-2	5.238	4.479	83577133	567.3E6	432.751	434.873
25)	Chlordane-3	5.944	5.117	339.4E6	1711.3E6	444.973	439.739
26)	Chlordane-4	6.029	5.182	443.9E6	1471.1E6	458.160	440.289
27)	Chlordane-5	6.868	6.082	67446272	668.4E6	448.868	452.832

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

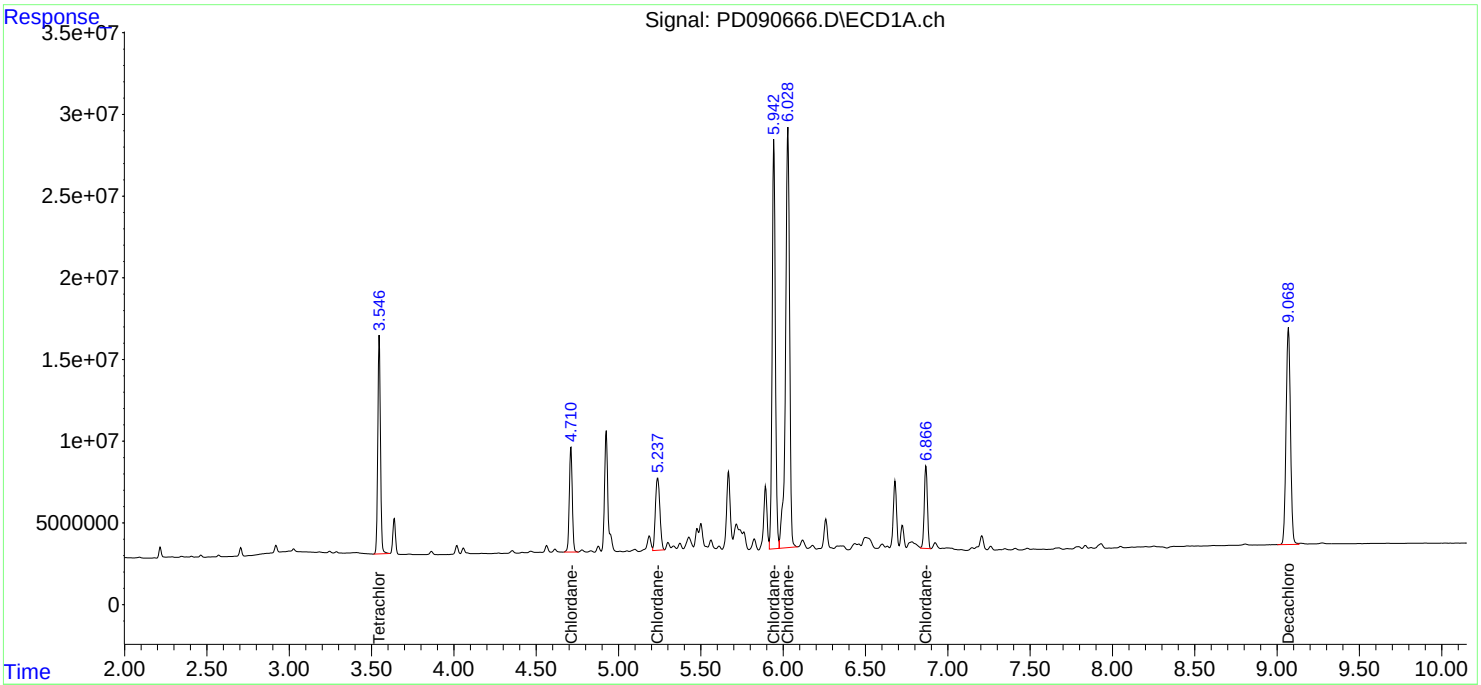
ICAL Form

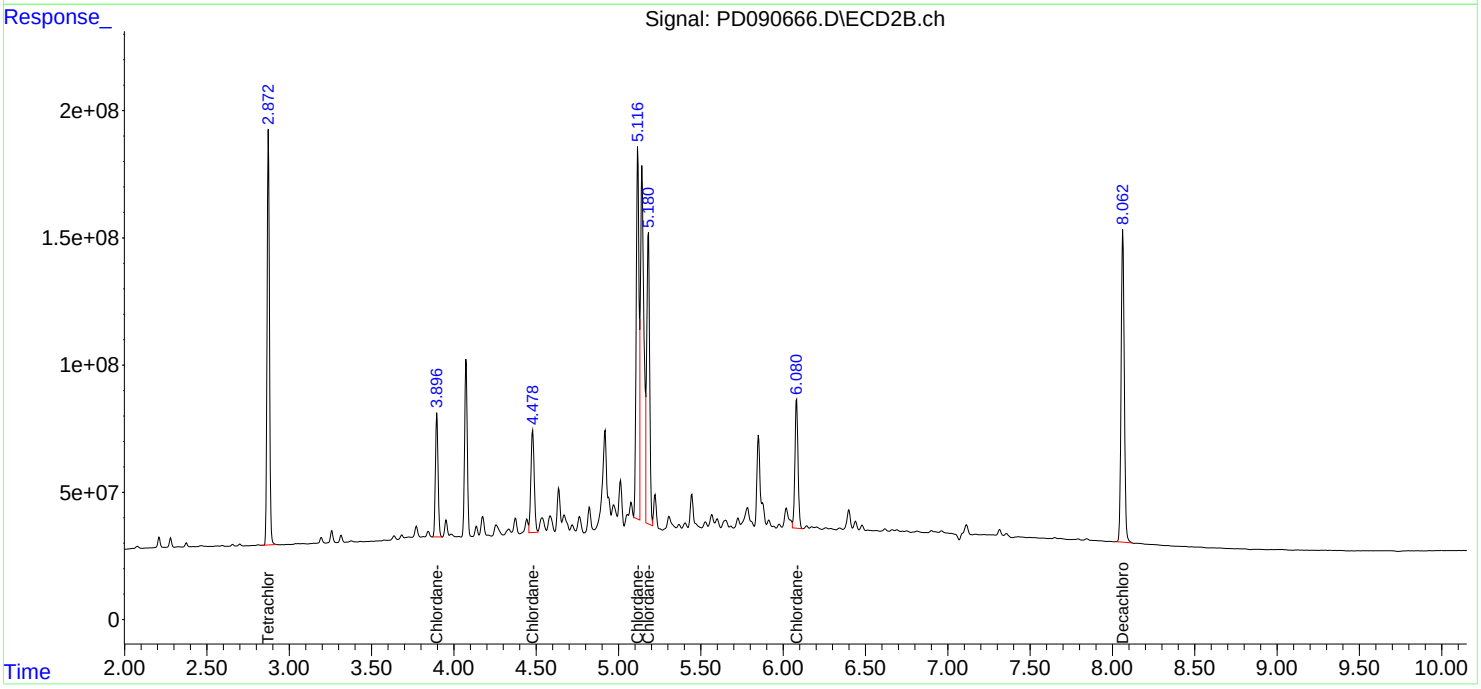
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 17:50
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 18:03:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 18:42
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725TOX

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 09:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 16:43:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.874	144.8E6	1414.7E6	47.850	47.865
7)	SA Decachlor...	9.073	8.063	222.4E6	1485.6E6	48.104	48.572
	Target Compounds						
2)	Toxaphene-1	6.243	5.468	16199211	128.4E6	486.326	472.241
3)	Toxaphene-2	6.442	5.639	23160349	87664602	469.047	488.530
4)	Toxaphene-3	7.149	6.748	41739789	339.6E6	481.161	526.232
5)	Toxaphene-4	7.565	7.190	46882437	247.3E6	496.038	505.430
6)	Toxaphene-5	7.930	7.320	29219348	133.4E6	485.054	589.259m

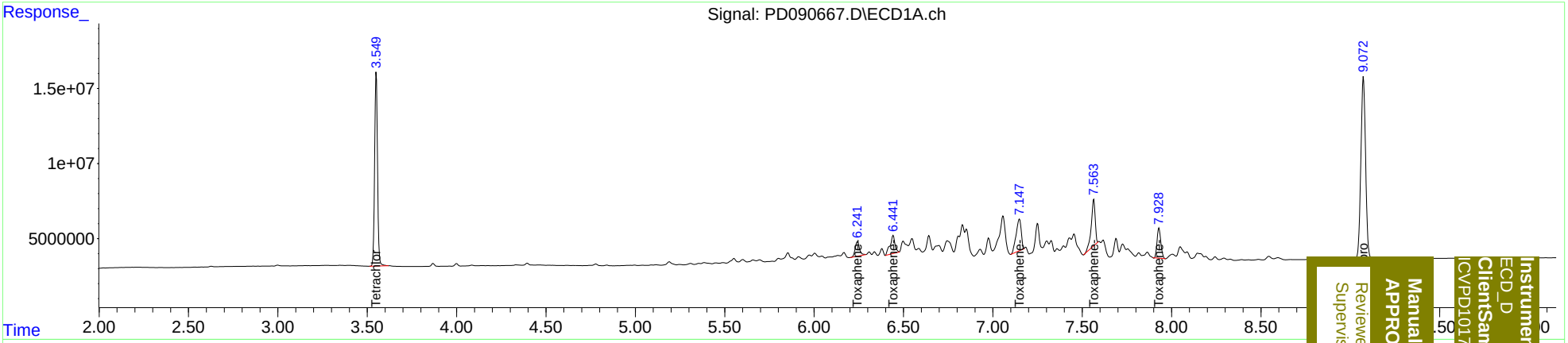
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 18:42
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 09:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 16:43:08 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



Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025

Instrument : ECD_D
ClientSampleId : ICVPD101725TOX

Raw Data: **PD091083.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
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	4.33	4.23	4.43	0.01
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	6.07	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	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	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	0.00

Raw Data: **PD091083.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
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	5.12	5.12	5.02	5.22	0.01

Raw Data: **PD091083.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	50.700	50.000	1.4
4,4'-DDE	6.190	6.090	6.290	47.140	50.000	-5.7
4,4'-DDT	7.016	6.915	7.115	46.930	50.000	-6.1
Aldrin	5.264	5.164	5.364	47.990	50.000	-4.0
alpha-BHC	3.993	3.894	4.094	49.100	50.000	-1.8
alpha-Chlordane	6.020	5.921	6.121	46.460	50.000	-7.1
beta-BHC	4.512	4.412	4.612	47.120	50.000	-5.8
Decachlorobiphenyl	9.066	8.964	9.164	43.920	50.000	-12.2
delta-BHC	4.760	4.660	4.860	48.430	50.000	-3.1
Dieldrin	6.341	6.240	6.440	48.050	50.000	-3.9
Endosulfan I	6.068	5.968	6.168	47.580	50.000	-4.8
Endosulfan II	6.781	6.681	6.881	45.840	50.000	-8.3
Endosulfan sulfate	7.145	7.045	7.245	46.880	50.000	-6.2
Endrin	6.568	6.468	6.668	45.730	50.000	-8.5
Endrin aldehyde	6.910	6.810	7.010	47.220	50.000	-5.6
Endrin ketone	7.625	7.525	7.725	48.450	50.000	-3.1
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.260	50.000	-5.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.684	5.584	5.784	48.040	50.000	-3.9
Methoxychlor	7.489	7.388	7.588	46.930	50.000	-6.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.460	50.000	-5.1

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	57.160	50.000	14.3
4,4'-DDE	5.364	5.266	5.466	53.980	50.000	8.0
4,4'-DDT	6.172	6.074	6.274	53.820	50.000	7.6
Aldrin	4.359	4.261	4.461	53.990	50.000	8.0
alpha-BHC	3.385	3.287	3.487	54.770	50.000	9.5
alpha-Chlordane	5.180	5.081	5.281	53.940	50.000	7.9
beta-BHC	4.018	3.919	4.119	53.360	50.000	6.7
Decachlorobiphenyl	8.060	7.962	8.162	55.600	50.000	11.2
delta-BHC	4.254	4.155	4.355	54.010	50.000	8.0
Dieldrin	5.502	5.404	5.604	54.550	50.000	9.1
Endosulfan I	5.236	5.138	5.338	53.860	50.000	7.7
Endosulfan II	6.070	5.972	6.172	54.820	50.000	9.6
Endosulfan sulfate	6.472	6.374	6.574	54.680	50.000	9.4
Endrin	5.779	5.681	5.881	52.800	50.000	5.6
Endrin aldehyde	6.249	6.150	6.350	54.950	50.000	9.9
Endrin ketone	6.981	6.883	7.083	57.120	50.000	14.2
gamma-BHC (Lindane)	3.721	3.623	3.823	54.230	50.000	8.5
gamma-Chlordane	5.115	5.017	5.217	54.010	50.000	8.0
Heptachlor	4.073	3.975	4.175	55.610	50.000	11.2
Heptachlor epoxide	4.862	4.764	4.964	52.690	50.000	5.4
Methoxychlor	6.743	6.645	6.845	53.940	50.000	7.9
Tetrachloro-m-xylene	2.874	2.775	2.975	53.990	50.000	8.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:28
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 12 09:50:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	147.8E6	1607.8E6	47.458	53.994
28)	SA Decachlor...	9.066	8.060	205.5E6	1684.3E6	43.922	55.604 #
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	352.4E6	2798.7E6	49.100	54.773
3)	MA gamma-BHC...	4.324	3.721	329.0E6	2562.3E6	48.394	54.231
4)	MA Heptachlor	4.923	4.073	323.6E6	2480.1E6	57.889	55.605
5)	MB Aldrin	5.264	4.359	314.2E6	2500.7E6	47.987	53.990
6)	B beta-BHC	4.512	4.018	123.4E6	1058.1E6	47.121	53.362
7)	B delta-BHC	4.760	4.254	327.5E6	2577.2E6	48.429	54.010
8)	B Heptachlo...	5.684	4.862	278.1E6	2246.7E6	48.043	52.692
9)	A Endosulfan I	6.068	5.236	263.4E6	2121.4E6	47.577	53.855
10)	B gamma-Chl...	5.939	5.115	280.3E6	2427.8E6	47.262	54.013
11)	B alpha-Chl...	6.020	5.180	287.1E6	2326.9E6	46.460	53.940
12)	B 4,4'-DDE	6.190	5.364	251.1E6	2366.5E6	47.137	53.982
13)	MA Dieldrin	6.341	5.502	280.2E6	2410.2E6	48.046	54.548
14)	MA Endrin	6.568	5.779	226.5E6	2138.2E6	45.729	52.802
15)	B Endosulfa...	6.781	6.070	229.2E6	2058.7E6	45.845	54.817
16)	A 4,4'-DDD	6.700	5.919	205.5E6	2082.6E6	50.700	57.155
17)	MA 4,4'-DDT	7.016	6.172	192.9E6	1887.6E6	46.935	53.818
18)	B Endrin al...	6.910	6.249	172.9E6	1521.8E6	47.218	54.952
19)	B Endosulfa...	7.145	6.472	217.4E6	1960.1E6	46.880	54.683
20)	A Methoxychlor	7.489	6.743	99761766	940.1E6	46.934	53.942
21)	B Endrin ke...	7.625	6.981	235.4E6	2154.3E6	48.454	57.116
22)	Mirex	8.108	7.174	148.6E6	1452.3E6	46.438	56.528

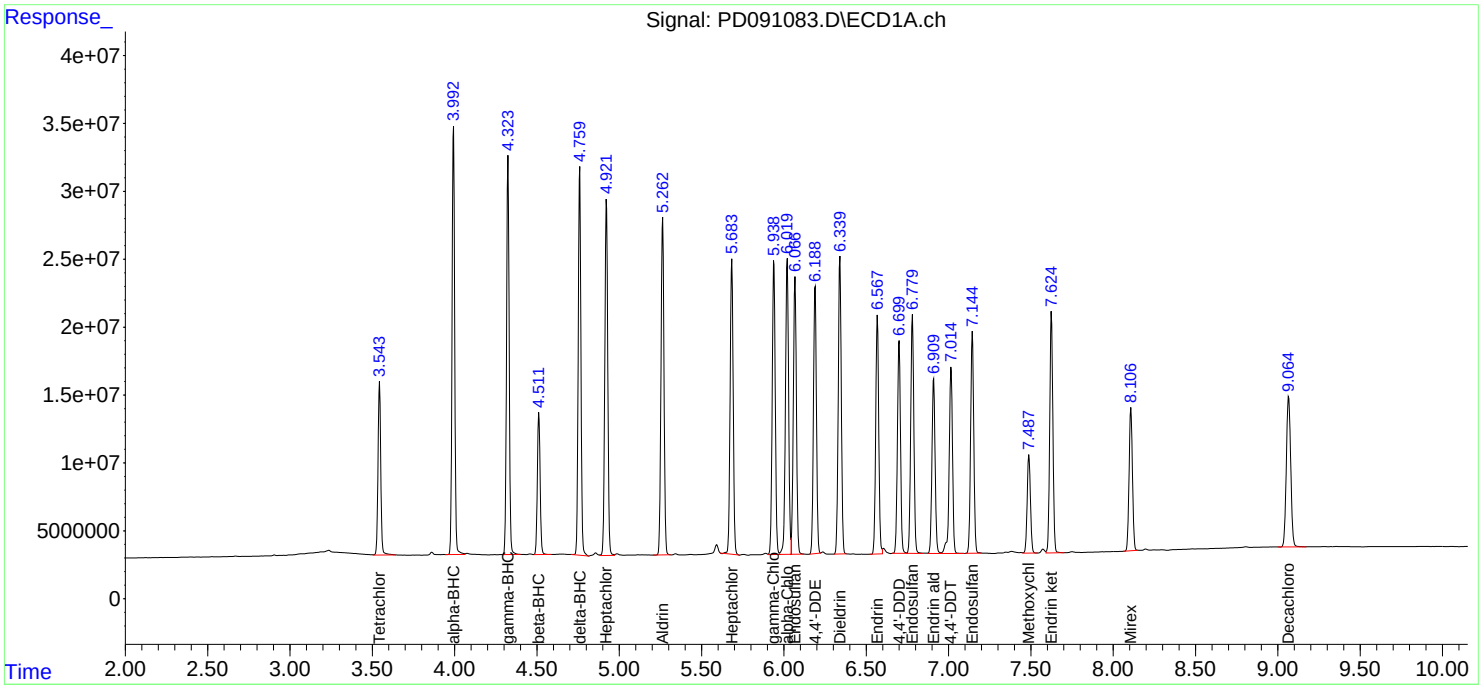
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

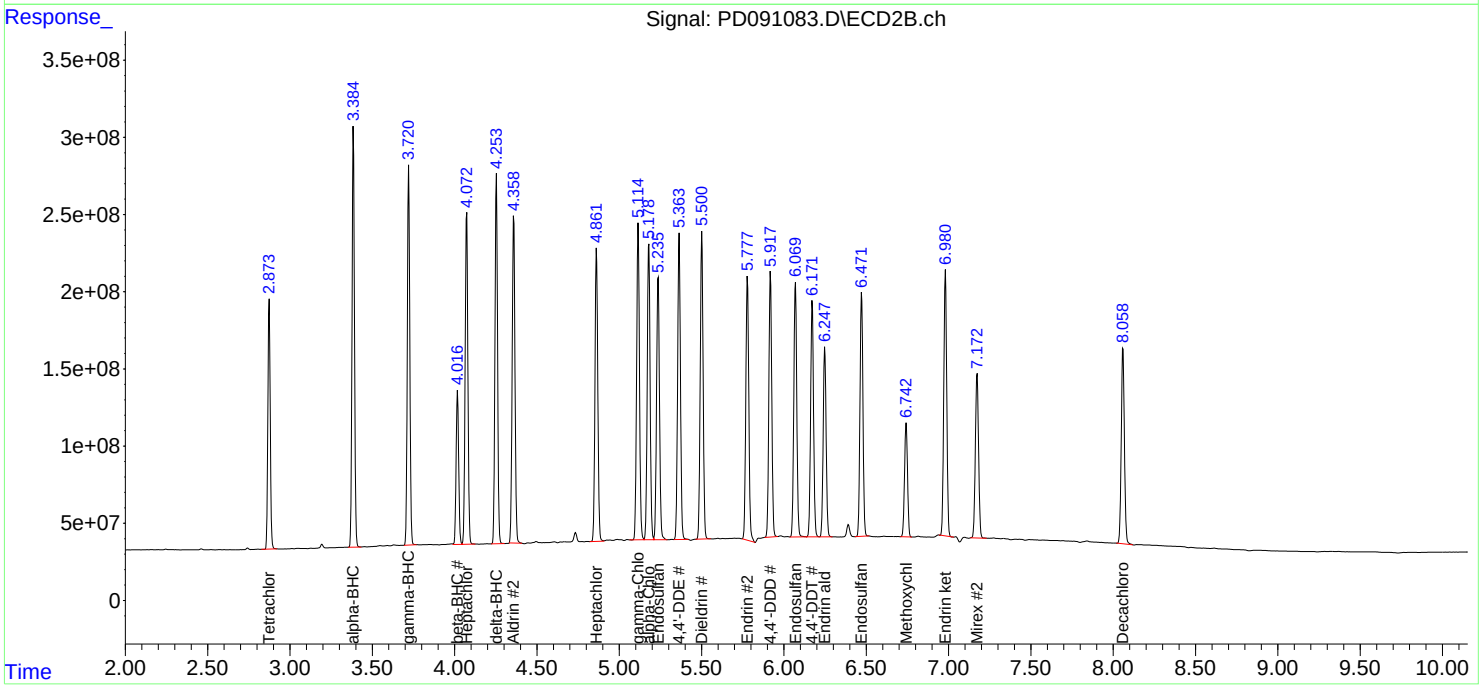
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 09:50:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091106.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
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	4.33	4.23	4.43	0.01
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	6.07	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	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	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	0.00

Raw Data: **PD091106.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
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	5.12	5.12	5.02	5.22	0.01

Raw Data: **PD091106.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	51.080	50.000	2.2
4,4'-DDE	6.189	6.090	6.290	46.450	50.000	-7.1
4,4'-DDT	7.015	6.915	7.115	44.810	50.000	-10.4
Aldrin	5.263	5.164	5.364	48.170	50.000	-3.7
alpha-BHC	3.994	3.894	4.094	49.260	50.000	-1.5
alpha-Chlordane	6.020	5.921	6.121	47.660	50.000	-4.7
beta-BHC	4.512	4.412	4.612	47.370	50.000	-5.3
Decachlorobiphenyl	9.066	8.964	9.164	43.620	50.000	-12.8
delta-BHC	4.760	4.660	4.860	48.920	50.000	-2.2
Dieldrin	6.340	6.240	6.440	47.810	50.000	-4.4
Endosulfan I	6.067	5.968	6.168	47.400	50.000	-5.2
Endosulfan II	6.780	6.681	6.881	45.240	50.000	-9.5
Endosulfan sulfate	7.145	7.045	7.245	46.470	50.000	-7.1
Endrin	6.567	6.468	6.668	45.860	50.000	-8.3
Endrin aldehyde	6.910	6.810	7.010	46.530	50.000	-6.9
Endrin ketone	7.625	7.525	7.725	47.550	50.000	-4.9
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.140	50.000	-5.7
Heptachlor	4.922	4.823	5.023	57.320	50.000	14.6
Heptachlor epoxide	5.684	5.584	5.784	48.260	50.000	-3.5
Methoxychlor	7.488	7.388	7.588	45.760	50.000	-8.5
Tetrachloro-m-xylene	3.544	3.445	3.645	47.550	50.000	-4.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	55.810	50.000	11.6
4,4'-DDE	5.364	5.266	5.466	52.120	50.000	4.2
4,4'-DDT	6.172	6.074	6.274	50.000	50.000	0.0
Aldrin	4.358	4.261	4.461	52.430	50.000	4.9
alpha-BHC	3.385	3.287	3.487	53.050	50.000	6.1
alpha-Chlordane	5.179	5.081	5.281	51.920	50.000	3.8
beta-BHC	4.017	3.919	4.119	51.780	50.000	3.6
Decachlorobiphenyl	8.060	7.962	8.162	53.340	50.000	6.7
delta-BHC	4.253	4.155	4.355	52.470	50.000	4.9
Dieldrin	5.502	5.404	5.604	52.550	50.000	5.1
Endosulfan I	5.236	5.138	5.338	51.700	50.000	3.4
Endosulfan II	6.070	5.972	6.172	52.410	50.000	4.8
Endosulfan sulfate	6.472	6.374	6.574	52.700	50.000	5.4
Endrin	5.779	5.681	5.881	52.500	50.000	5.0
Endrin aldehyde	6.249	6.150	6.350	52.420	50.000	4.8
Endrin ketone	6.981	6.883	7.083	54.990	50.000	10.0
gamma-BHC (Lindane)	3.721	3.623	3.823	52.570	50.000	5.1
gamma-Chlordane	5.115	5.017	5.217	52.160	50.000	4.3
Heptachlor	4.073	3.975	4.175	53.730	50.000	7.5
Heptachlor epoxide	4.862	4.764	4.964	51.170	50.000	2.3
Methoxychlor	6.743	6.645	6.845	51.870	50.000	3.7
Tetrachloro-m-xylene	2.874	2.775	2.975	52.520	50.000	5.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:44
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 12 21:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.874	148.1E6	1563.8E6	47.554	52.518
28) SA	Decachlor...	9.066	8.060	204.0E6	1615.7E6	43.616	53.338
	Target Compounds						
2) A	alpha-BHC	3.994	3.385	353.6E6	2710.7E6	49.261	53.051
3) MA	gamma-BHC...	4.324	3.721	329.0E6	2484.1E6	48.393	52.575
4) MA	Heptachlor	4.922	4.073	320.4E6	2396.6E6	57.320	53.733
5) MB	Aldrin	5.263	4.358	315.4E6	2428.5E6	48.174	52.430
6) B	beta-BHC	4.512	4.017	124.1E6	1026.8E6	47.367	51.781
7) B	delta-BHC	4.760	4.253	330.8E6	2503.6E6	48.916	52.469
8) B	Heptachlo...	5.684	4.862	279.4E6	2181.7E6	48.260	51.168
9) A	Endosulfan I	6.067	5.236	262.4E6	2036.5E6	47.399	51.701
10) B	gamma-Chl...	5.939	5.115	279.6E6	2344.7E6	47.143	52.165
11) B	alpha-Chl...	6.020	5.179	294.5E6	2239.5E6	47.659	51.915
12) B	4,4'-DDE	6.189	5.364	247.4E6	2284.7E6	46.450	52.117
13) MA	Dieldrin	6.340	5.502	278.8E6	2322.0E6	47.805	52.553
14) MA	Endrin	6.567	5.779	227.2E6	2126.0E6	45.865	52.502
15) B	Endosulfa...	6.780	6.070	226.2E6	1968.4E6	45.244	52.413
16) A	4,4'-DDD	6.699	5.919	207.1E6	2033.5E6	51.080	55.808
17) MA	4,4'-DDT	7.015	6.172	184.2E6	1753.6E6	44.806	49.998
18) B	Endrin al...	6.910	6.249	170.4E6	1451.7E6	46.526	52.422
19) B	Endosulfa...	7.145	6.472	215.5E6	1888.9E6	46.466	52.697
20) A	Methoxychlor	7.488	6.743	97271613	903.9E6	45.762	51.866
21) B	Endrin ke...	7.625	6.981	231.0E6	2074.1E6	47.550	54.990
22)	Mirex	8.107	7.174	145.7E6	1384.2E6	45.535	53.877

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

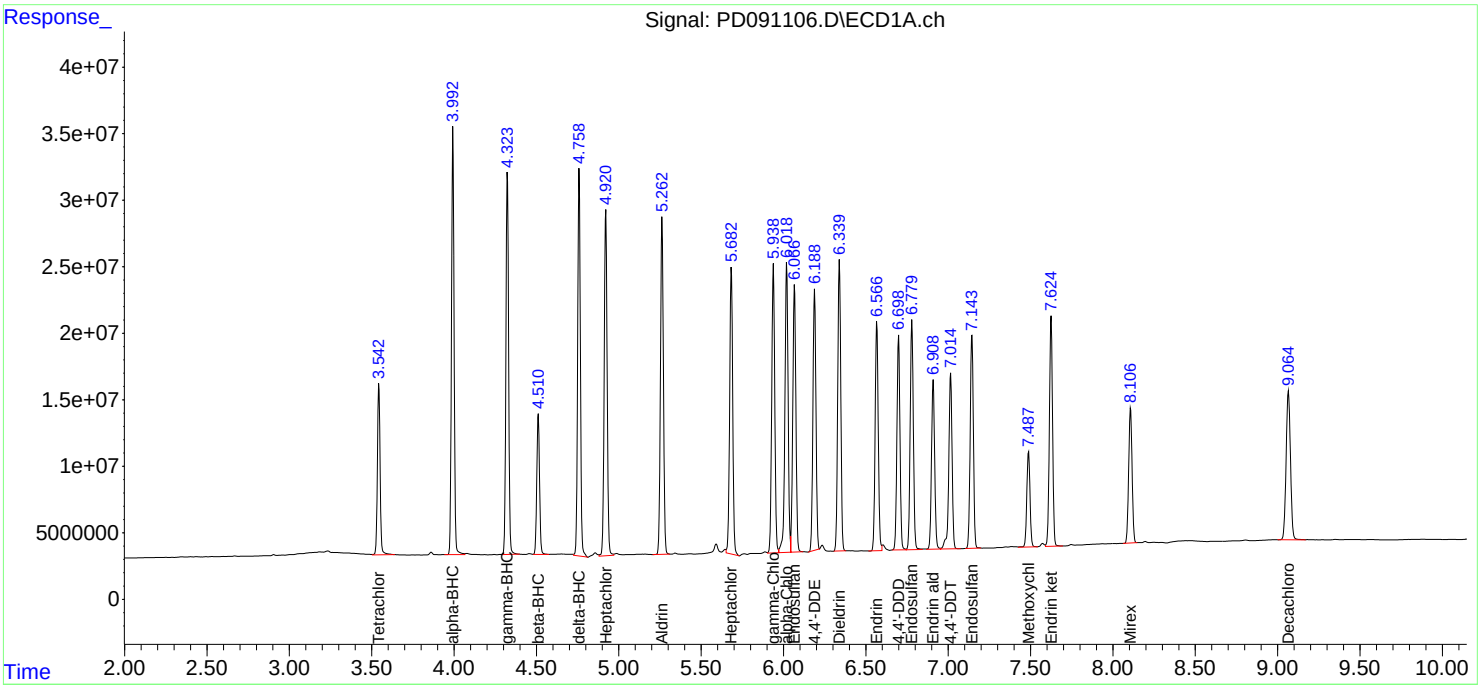
Sample Results: **PD091106.D**

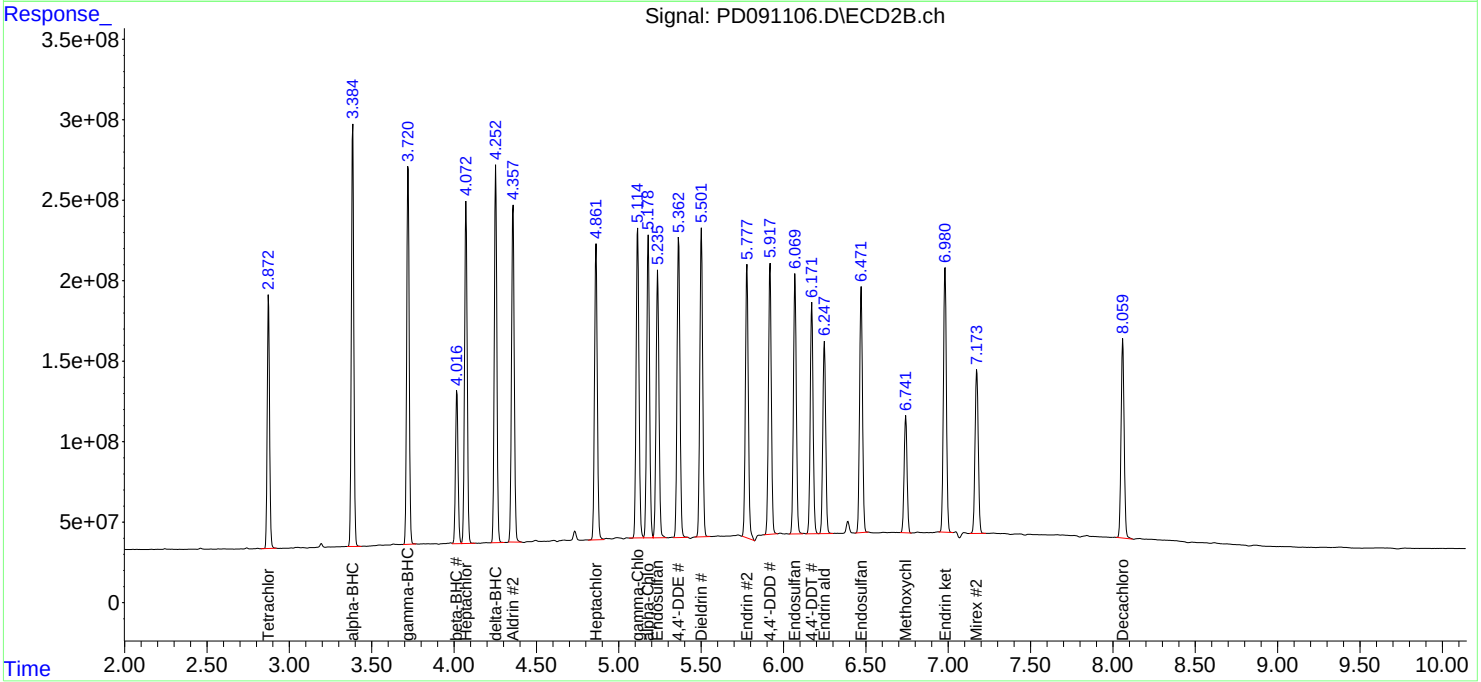
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091118.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
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	4.33	4.23	4.43	0.01
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	6.07	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	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	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	0.00

Raw Data: **PD091118.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:28 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
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	5.12	5.12	5.02	5.22	0.01

Raw Data: **PD091118.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091118.D **Time Analyzed:** 17:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	51.480	50.000	3.0
4,4'-DDE	6.189	6.090	6.290	46.850	50.000	-6.3
4,4'-DDT	7.015	6.915	7.115	44.080	50.000	-11.8
Aldrin	5.263	5.164	5.364	48.180	50.000	-3.6
alpha-BHC	3.993	3.894	4.094	49.120	50.000	-1.8
alpha-Chlordane	6.020	5.921	6.121	45.510	50.000	-9.0
beta-BHC	4.511	4.412	4.612	47.330	50.000	-5.3
Decachlorobiphenyl	9.066	8.964	9.164	44.630	50.000	-10.7
delta-BHC	4.760	4.660	4.860	48.280	50.000	-3.4
Dieldrin	6.340	6.240	6.440	47.760	50.000	-4.5
Endosulfan I	6.067	5.968	6.168	47.290	50.000	-5.4
Endosulfan II	6.781	6.681	6.881	45.540	50.000	-8.9
Endosulfan sulfate	7.145	7.045	7.245	46.850	50.000	-6.3
Endrin	6.568	6.468	6.668	44.900	50.000	-10.2
Endrin aldehyde	6.910	6.810	7.010	46.630	50.000	-6.7
Endrin ketone	7.625	7.525	7.725	49.580	50.000	-0.8
gamma-BHC (Lindane)	4.324	4.225	4.425	48.270	50.000	-3.5
gamma-Chlordane	5.939	5.840	6.040	47.270	50.000	-5.5
Heptachlor	4.922	4.823	5.023	56.020	50.000	12.0
Heptachlor epoxide	5.684	5.584	5.784	47.430	50.000	-5.1
Methoxychlor	7.488	7.388	7.588	44.590	50.000	-10.8
Tetrachloro-m-xylene	3.543	3.445	3.645	47.710	50.000	-4.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091118.D **Time Analyzed:** 17:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	56.630	50.000	13.3
4,4'-DDE	5.364	5.266	5.466	52.110	50.000	4.2
4,4'-DDT	6.173	6.074	6.274	49.780	50.000	-0.4
Aldrin	4.359	4.261	4.461	51.900	50.000	3.8
alpha-BHC	3.385	3.287	3.487	52.650	50.000	5.3
alpha-Chlordane	5.180	5.081	5.281	51.770	50.000	3.5
beta-BHC	4.017	3.919	4.119	51.330	50.000	2.7
Decachlorobiphenyl	8.060	7.962	8.162	54.880	50.000	9.8
delta-BHC	4.253	4.155	4.355	51.970	50.000	3.9
Dieldrin	5.502	5.404	5.604	52.710	50.000	5.4
Endosulfan I	5.237	5.138	5.338	51.830	50.000	3.7
Endosulfan II	6.071	5.972	6.172	52.950	50.000	5.9
Endosulfan sulfate	6.472	6.374	6.574	53.350	50.000	6.7
Endrin	5.779	5.681	5.881	51.310	50.000	2.6
Endrin aldehyde	6.249	6.150	6.350	52.990	50.000	6.0
Endrin ketone	6.981	6.883	7.083	56.380	50.000	12.8
gamma-BHC (Lindane)	3.721	3.623	3.823	52.050	50.000	4.1
gamma-Chlordane	5.115	5.017	5.217	52.010	50.000	4.0
Heptachlor	4.073	3.975	4.175	52.860	50.000	5.7
Heptachlor epoxide	4.863	4.764	4.964	50.570	50.000	1.1
Methoxychlor	6.743	6.645	6.845	51.320	50.000	2.6
Tetrachloro-m-xylene	2.873	2.775	2.975	52.120	50.000	4.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 17:28
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 12 21:29:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	148.6E6	1552.0E6	47.712	52.121
28)	SA Decachlor...	9.066	8.060	208.8E6	1662.5E6	44.632	54.884
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	352.6E6	2690.3E6	49.123	52.652
3)	MA gamma-BHC...	4.324	3.721	328.2E6	2459.3E6	48.273	52.050
4)	MA Heptachlor	4.922	4.073	313.1E6	2357.8E6	56.023	52.861
5)	MB Aldrin	5.263	4.359	315.5E6	2404.1E6	48.182	51.903
6)	B beta-BHC	4.511	4.017	124.0E6	1017.8E6	47.332	51.326
7)	B delta-BHC	4.760	4.253	326.4E6	2479.8E6	48.276	51.969
8)	B Heptachlo...	5.684	4.863	274.6E6	2156.2E6	47.429	50.569
9)	A Endosulfan I	6.067	5.237	261.8E6	2041.7E6	47.290	51.831
10)	B gamma-Chl...	5.939	5.115	280.4E6	2337.9E6	47.267	52.012
11)	B alpha-Chl...	6.020	5.180	281.2E6	2233.4E6	45.507	51.775
12)	B 4,4'-DDE	6.189	5.364	249.6E6	2284.4E6	46.850	52.109
13)	MA Dieldrin	6.340	5.502	278.5E6	2328.9E6	47.757	52.709
14)	MA Endrin	6.568	5.779	222.4E6	2077.7E6	44.898	51.310
15)	B Endosulfa...	6.781	6.071	227.7E6	1988.5E6	45.542	52.949
16)	A 4,4'-DDD	6.700	5.919	208.7E6	2063.4E6	51.479	56.626
17)	MA 4,4'-DDT	7.015	6.173	181.2E6	1745.9E6	44.084	49.780
18)	B Endrin al...	6.910	6.249	170.8E6	1467.3E6	46.628	52.985
19)	B Endosulfa...	7.145	6.472	217.3E6	1912.2E6	46.850	53.347
20)	A Methoxychlor	7.488	6.743	94783345	894.3E6	44.592	51.316
21)	B Endrin ke...	7.625	6.981	240.9E6	2126.6E6	49.576	56.382
22)	Mirex	8.108	7.174	147.7E6	1410.8E6	46.133	54.916

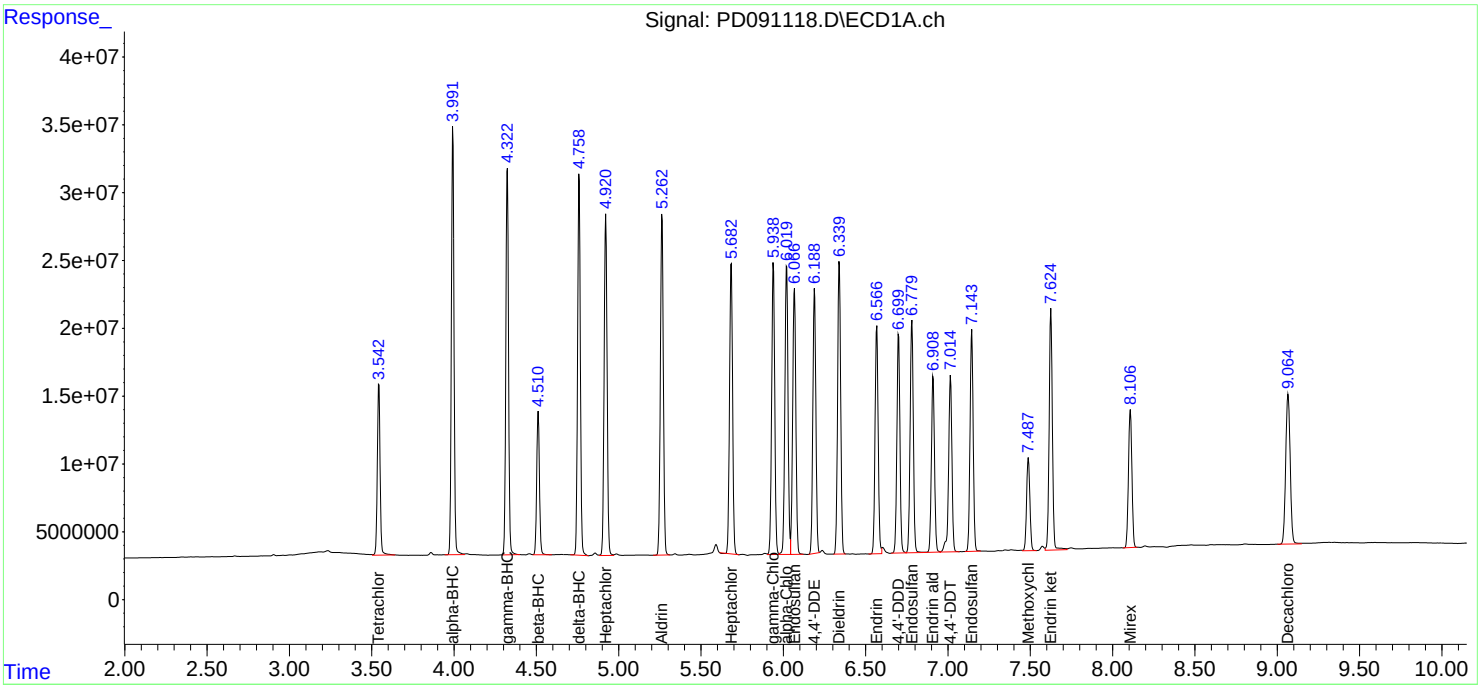
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

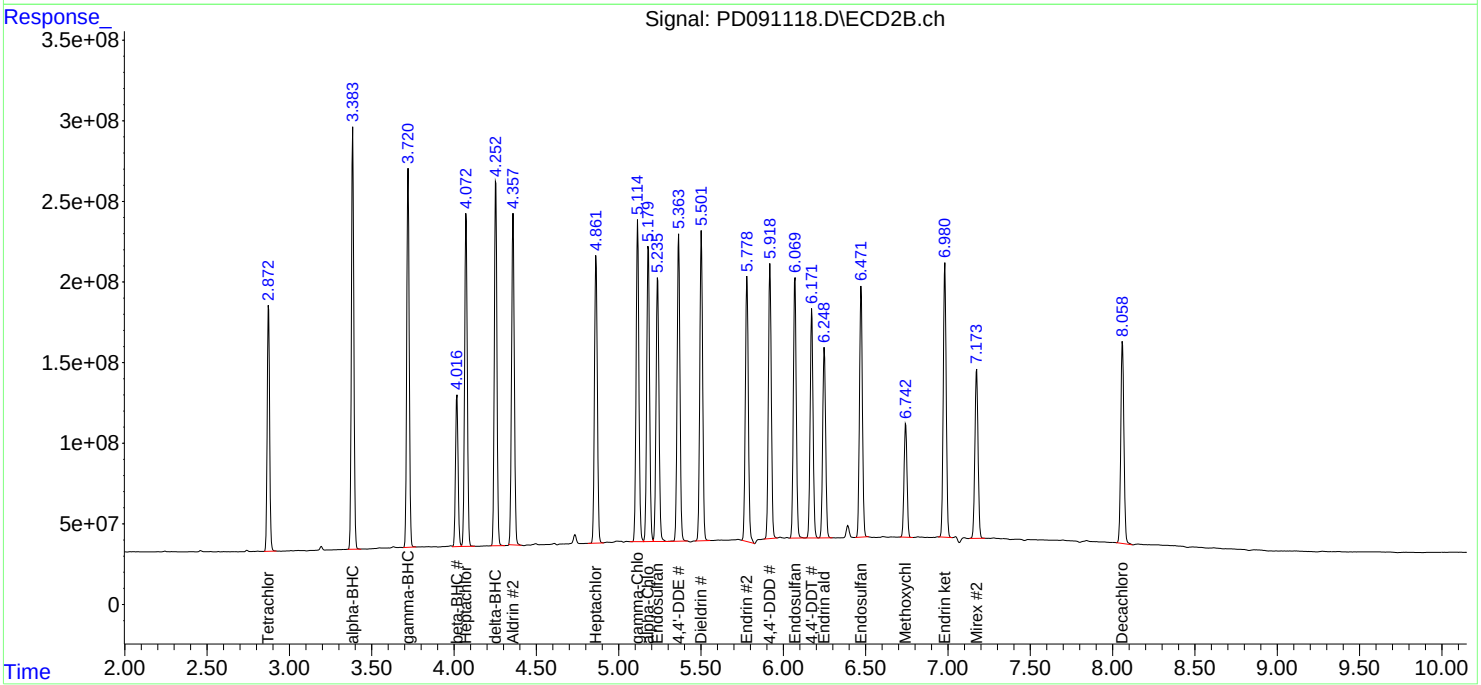
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 17:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:29:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091130.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:07 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
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	4.33	4.23	4.43	0.01
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	6.07	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	6.78	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	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	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	0.00

Raw Data: **PD091130.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:07 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
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	5.12	5.02	5.22	0.01

Raw Data: **PD091130.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091130.D **Time Analyzed:** 21:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	51.780	50.000	3.6
4,4'-DDE	6.189	6.090	6.290	46.390	50.000	-7.2
4,4'-DDT	7.015	6.915	7.115	42.340	50.000	-15.3
Aldrin	5.263	5.164	5.364	47.900	50.000	-4.2
alpha-BHC	3.993	3.894	4.094	48.720	50.000	-2.6
alpha-Chlordane	6.020	5.921	6.121	45.540	50.000	-8.9
beta-BHC	4.511	4.412	4.612	46.950	50.000	-6.1
Decachlorobiphenyl	9.066	8.964	9.164	43.910	50.000	-12.2
delta-BHC	4.759	4.660	4.860	48.000	50.000	-4.0
Dieldrin	6.340	6.240	6.440	47.390	50.000	-5.2
Endosulfan I	6.067	5.968	6.168	46.890	50.000	-6.2
Endosulfan II	6.780	6.681	6.881	45.040	50.000	-9.9
Endosulfan sulfate	7.144	7.045	7.245	46.180	50.000	-7.6
Endrin	6.567	6.468	6.668	44.320	50.000	-11.4
Endrin aldehyde	6.909	6.810	7.010	46.430	50.000	-7.1
Endrin ketone	7.625	7.525	7.725	47.910	50.000	-4.2
gamma-BHC (Lindane)	4.324	4.225	4.425	47.940	50.000	-4.1
gamma-Chlordane	5.939	5.840	6.040	46.720	50.000	-6.6
Heptachlor	4.922	4.823	5.023	55.760	50.000	11.5
Heptachlor epoxide	5.683	5.584	5.784	47.360	50.000	-5.3
Methoxychlor	7.489	7.388	7.588	43.050	50.000	-13.9
Tetrachloro-m-xylene	3.544	3.445	3.645	47.140	50.000	-5.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091130.D **Time Analyzed:** 21:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	56.850	50.000	13.7
4,4'-DDE	5.364	5.266	5.466	51.890	50.000	3.8
4,4'-DDT	6.172	6.074	6.274	47.530	50.000	-4.9
Aldrin	4.359	4.261	4.461	51.900	50.000	3.8
alpha-BHC	3.386	3.287	3.487	52.680	50.000	5.4
alpha-Chlordane	5.179	5.081	5.281	51.650	50.000	3.3
beta-BHC	4.018	3.919	4.119	51.280	50.000	2.6
Decachlorobiphenyl	8.059	7.962	8.162	53.920	50.000	7.8
delta-BHC	4.254	4.155	4.355	52.060	50.000	4.1
Dieldrin	5.502	5.404	5.604	52.450	50.000	4.9
Endosulfan I	5.236	5.138	5.338	51.320	50.000	2.6
Endosulfan II	6.070	5.972	6.172	52.440	50.000	4.9
Endosulfan sulfate	6.472	6.374	6.574	52.560	50.000	5.1
Endrin	5.778	5.681	5.881	50.650	50.000	1.3
Endrin aldehyde	6.248	6.150	6.350	52.610	50.000	5.2
Endrin ketone	6.981	6.883	7.083	55.390	50.000	10.8
gamma-BHC (Lindane)	3.722	3.623	3.823	52.040	50.000	4.1
gamma-Chlordane	5.114	5.017	5.217	51.750	50.000	3.5
Heptachlor	4.073	3.975	4.175	52.980	50.000	6.0
Heptachlor epoxide	4.862	4.764	4.964	50.700	50.000	1.4
Methoxychlor	6.743	6.645	6.845	49.480	50.000	-1.0
Tetrachloro-m-xylene	2.874	2.775	2.975	51.990	50.000	4.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 21:07
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 13 12:41:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	146.8E6	1548.1E6	47.140	51.989
28)	SA Decachlor...	9.066	8.059	205.4E6	1633.2E6	43.910	53.916
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	349.7E6	2691.7E6	48.721	52.679
3)	MA gamma-BHC...	4.324	3.722	325.9E6	2458.6E6	47.941	52.035
4)	MA Heptachlor	4.922	4.073	311.7E6	2363.1E6	55.763	52.981
5)	MB Aldrin	5.263	4.359	313.6E6	2404.0E6	47.901	51.901
6)	B beta-BHC	4.511	4.018	123.0E6	1016.9E6	46.952	51.281
7)	B delta-BHC	4.759	4.254	324.6E6	2484.0E6	48.002	52.057
8)	B Heptachlo...	5.683	4.862	274.1E6	2161.9E6	47.356	50.704
9)	A Endosulfan I	6.067	5.236	259.6E6	2021.6E6	46.888	51.323
10)	B gamma-Chl...	5.939	5.114	277.1E6	2326.2E6	46.722	51.751
11)	B alpha-Chl...	6.020	5.179	281.4E6	2227.9E6	45.539	51.647
12)	B 4,4'-DDE	6.189	5.364	247.1E6	2274.7E6	46.390	51.889
13)	MA Dieldrin	6.340	5.502	276.4E6	2317.3E6	47.394	52.447
14)	MA Endrin	6.567	5.778	219.6E6	2051.2E6	44.323	50.654
15)	B Endosulfa...	6.780	6.070	225.2E6	1969.2E6	45.035	52.435
16)	A 4,4'-DDD	6.699	5.919	209.9E6	2071.6E6	51.783	56.853
17)	MA 4,4'-DDT	7.015	6.172	174.0E6	1666.9E6	42.340	47.528
18)	B Endrin al...	6.909	6.248	170.1E6	1456.9E6	46.431	52.610
19)	B Endosulfa...	7.144	6.472	214.2E6	1884.1E6	46.180	52.561
20)	A Methoxychlor	7.489	6.743	91514690	862.2E6	43.054	49.475
21)	B Endrin ke...	7.625	6.981	232.8E6	2089.1E6	47.915	55.389
22)	Mirex	8.107	7.173	145.3E6	1373.0E6	45.401	53.444

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

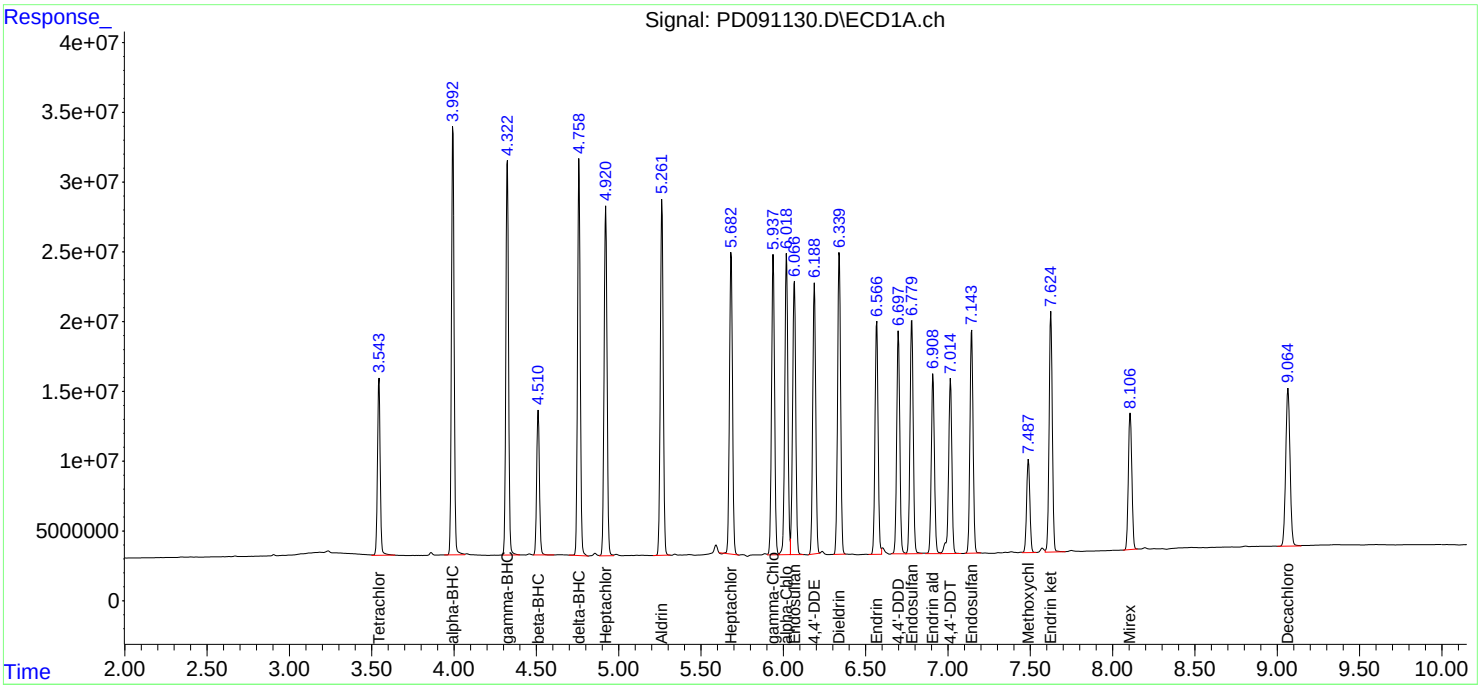
Sample Results: **PD091130.D**

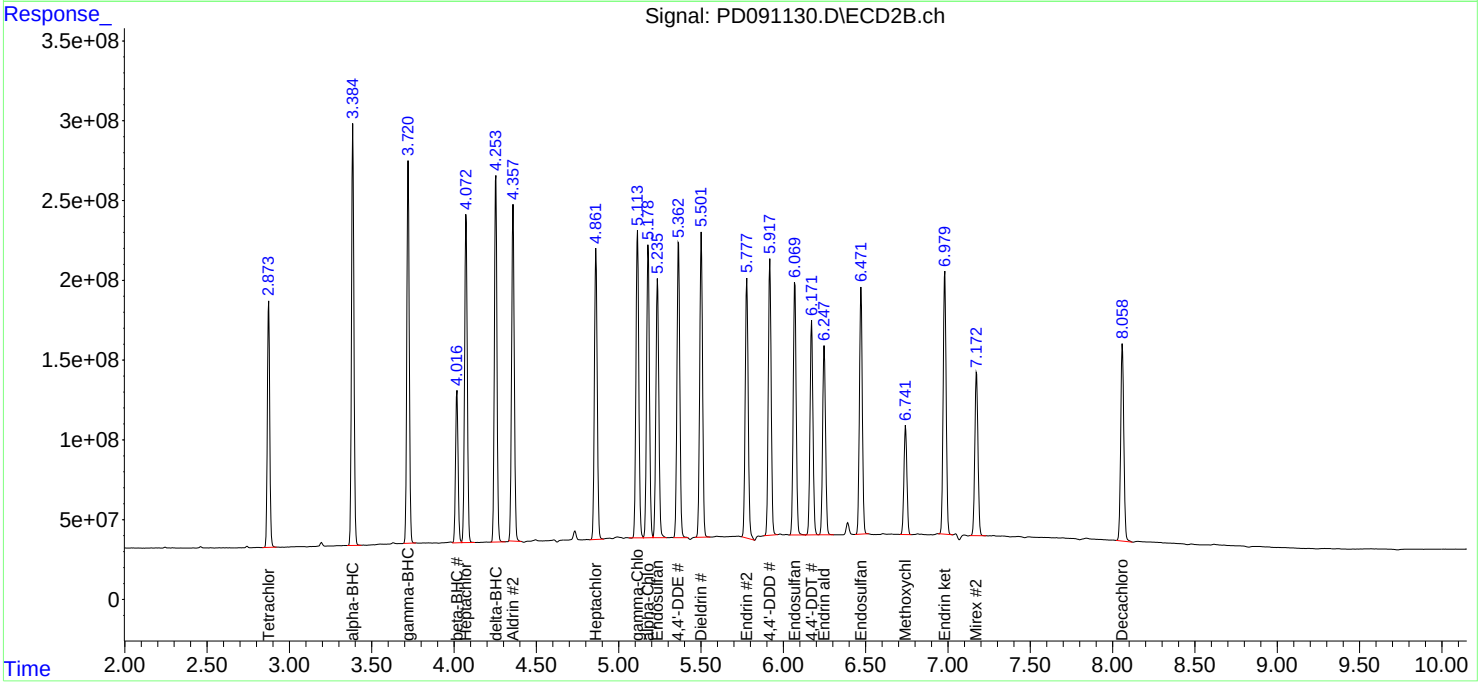
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 21:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 12:41:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

PEM

Data File: PD090648.D **Date Acquired** 10/17/2025 11:07

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.57	243728295.7	249054181.9	5325886.17	**2.14**
Endrin aldehyde	6.91	1372426.584			
Endrin ketone	7.63	3953459.588			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.78	1941282940	1991060515	49777575.7	**2.50**
Endrin aldehyde #2	6.25	19940698.04			
Endrin ketone #2	6.98	29836877.65			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.02	412144601.3	415215115.8	3070514.5	**0.74**
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3070514.503			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.17	3355351424	3394188860	38837436.1	**1.14**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	38837436.09			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.875	67593250	632.0E6	21.705	21.224
28)	SA Decachlor...	9.066	8.062	106.9E6	648.1E6	22.859	21.395
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	64971308	526.5E6	9.053	10.304
3)	MA gamma-BHC...	4.324	3.723	63399907	488.4E6	9.325	10.337
6)	B beta-BHC	4.512	4.019	26386693	207.4E6	10.073	10.459
14)	MA Endrin	6.568	5.781	243.7E6	1941.3E6	49.201	47.940
16)	A 4,4'-DDD	6.701	5.923	3070515	38837436	0.757	1.066 #
17)	MA 4,4'-DDT	7.016	6.174	412.1E6	3355.4E6	100.267	95.667
18)	B Endrin al...	6.913	6.248	1372427	19940698	0.375m	0.720 #
20)	A Methoxychlor	7.489	6.745	503.3E6	3517.5E6	236.805	201.834
21)	B Endrin ke...	7.625	6.981	3953460	29836878	0.814	0.791m

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

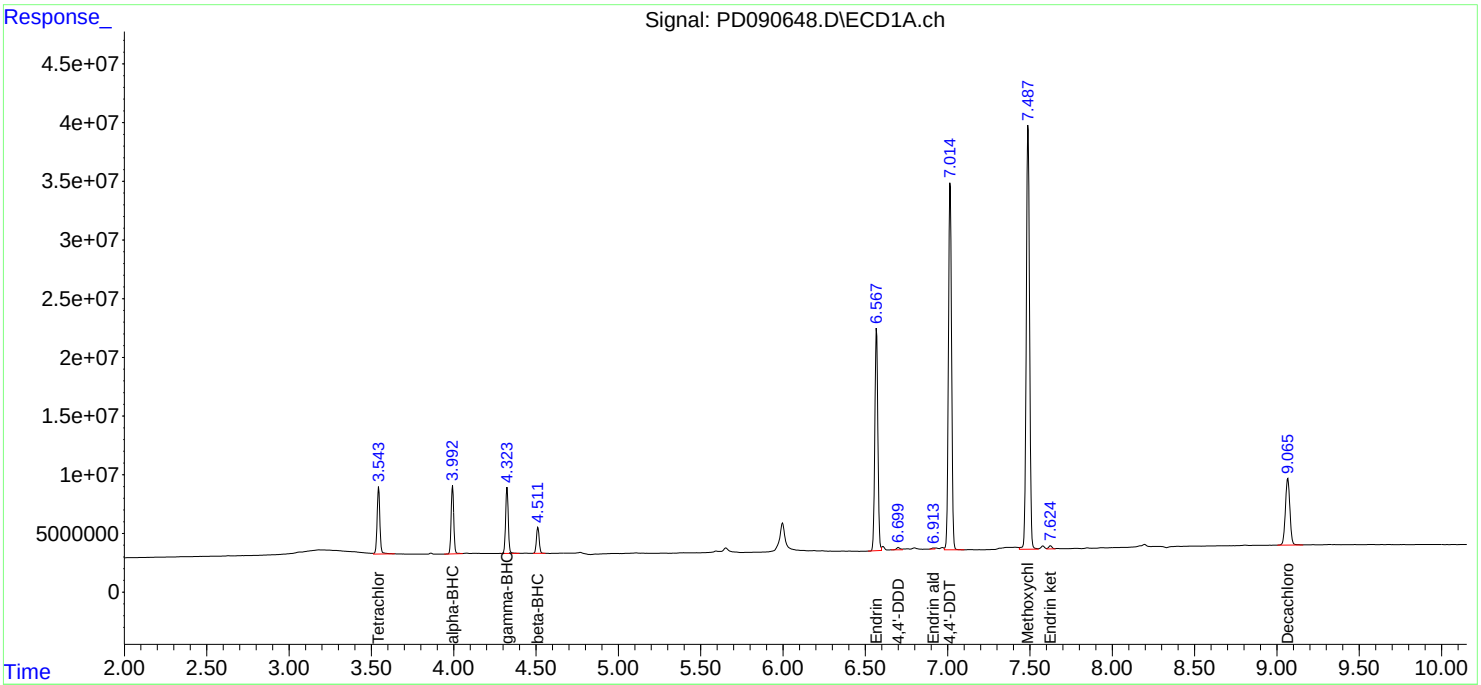
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

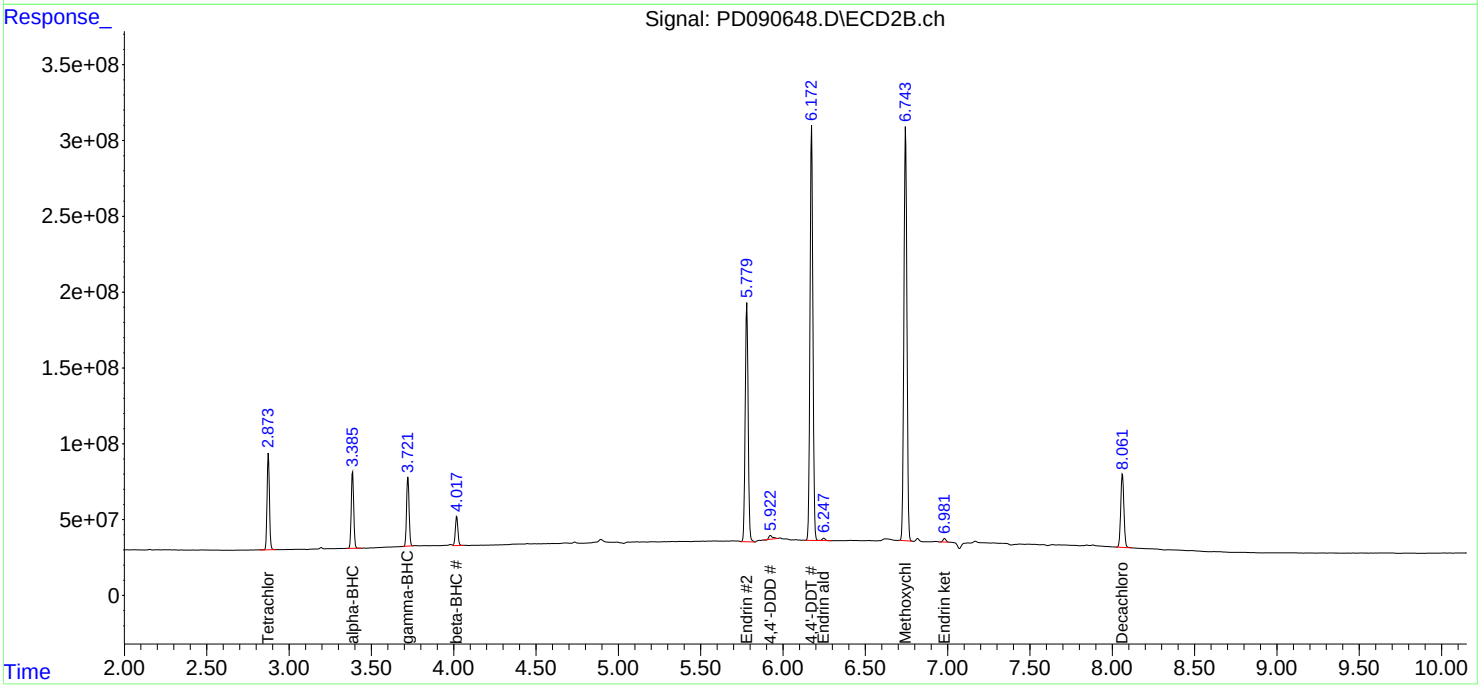
Instrument :
ECD_D
ClientSampleId :
PEM

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.200	20.000	11.0
Tetrachloro-m-xylene	3.544	3.490	3.590	22.670	20.000	13.4
alpha-BHC	3.993	3.940	4.040	9.740	10.000	-2.6
beta-BHC	4.512	4.460	4.560	10.880	10.000	8.8
gamma-BHC (Lindane)	4.324	4.270	4.370	9.950	10.000	-0.5
Endrin	6.568	6.500	6.640	49.610	50.000	-0.8
4,4'-DDT	7.016	6.950	7.090	101.310	100.000	1.3
Methoxychlor	7.489	7.420	7.560	239.230	250.000	-4.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	27.590	20.000	38.0
Tetrachloro-m-xylene	2.874	2.820	2.920	26.010	20.000	30.1
alpha-BHC	3.385	3.330	3.440	12.640	10.000	26.4
beta-BHC	4.018	3.970	4.070	12.860	10.000	28.6
gamma-BHC (Lindane)	3.721	3.670	3.770	12.690	10.000	26.9
Endrin	5.779	5.710	5.850	56.530	50.000	13.1
4,4'-DDT	6.173	6.100	6.240	114.770	100.000	14.8
Methoxychlor	6.743	6.670	6.810	237.130	250.000	-5.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:15
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 12 09:49:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	70584116	774.5E6	22.666	26.011	
28)	SA Decachlor...	9.066	8.060	103.9E6	835.8E6	22.204	27.591	
	Target Compounds							
2)	A alpha-BHC	3.993	3.385	69933875	645.6E6	9.744	12.635	#
3)	MA gamma-BHC...	4.324	3.721	67678615	599.7E6	9.954	12.692	#
6)	B beta-BHC	4.512	4.018	28514138	255.0E6	10.885	12.858	
12)	B 4,4'-DDE	6.190	5.365	903463	8313599	0.170	0.190	
14)	MA Endrin	6.568	5.779	245.8E6	2289.0E6	49.613	56.528	
16)	A 4,4'-DDD	6.700	5.919	25419413	290.2E6	6.270	7.963	#
17)	MA 4,4'-DDT	7.016	6.173	416.4E6	4025.2E6	101.310	114.766	
18)	B Endrin al...	6.911	6.248	4129774	48003089	1.128	1.733	#
20)	A Methoxychlor	7.489	6.743	508.5E6	4132.7E6	239.231	237.133	
21)	B Endrin ke...	7.625	6.981	11736975	125.6E6	2.416	3.329	#

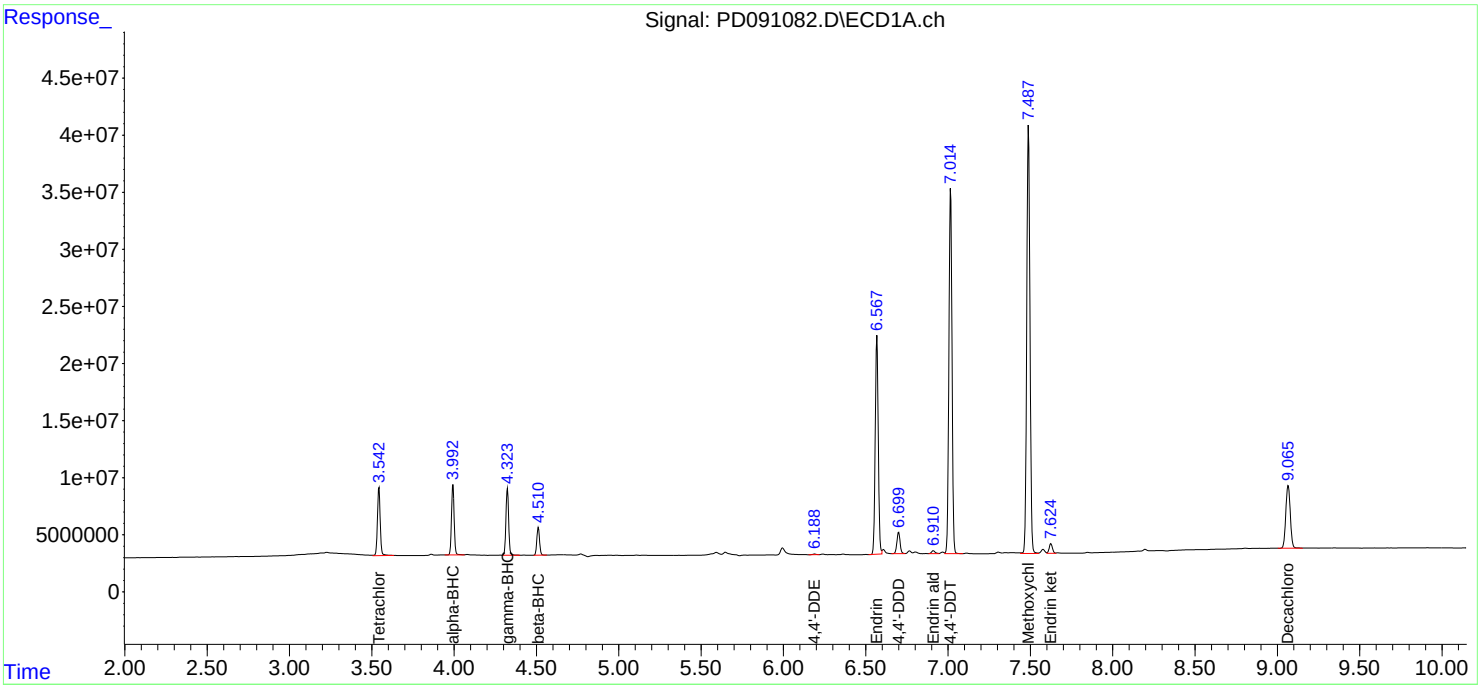
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

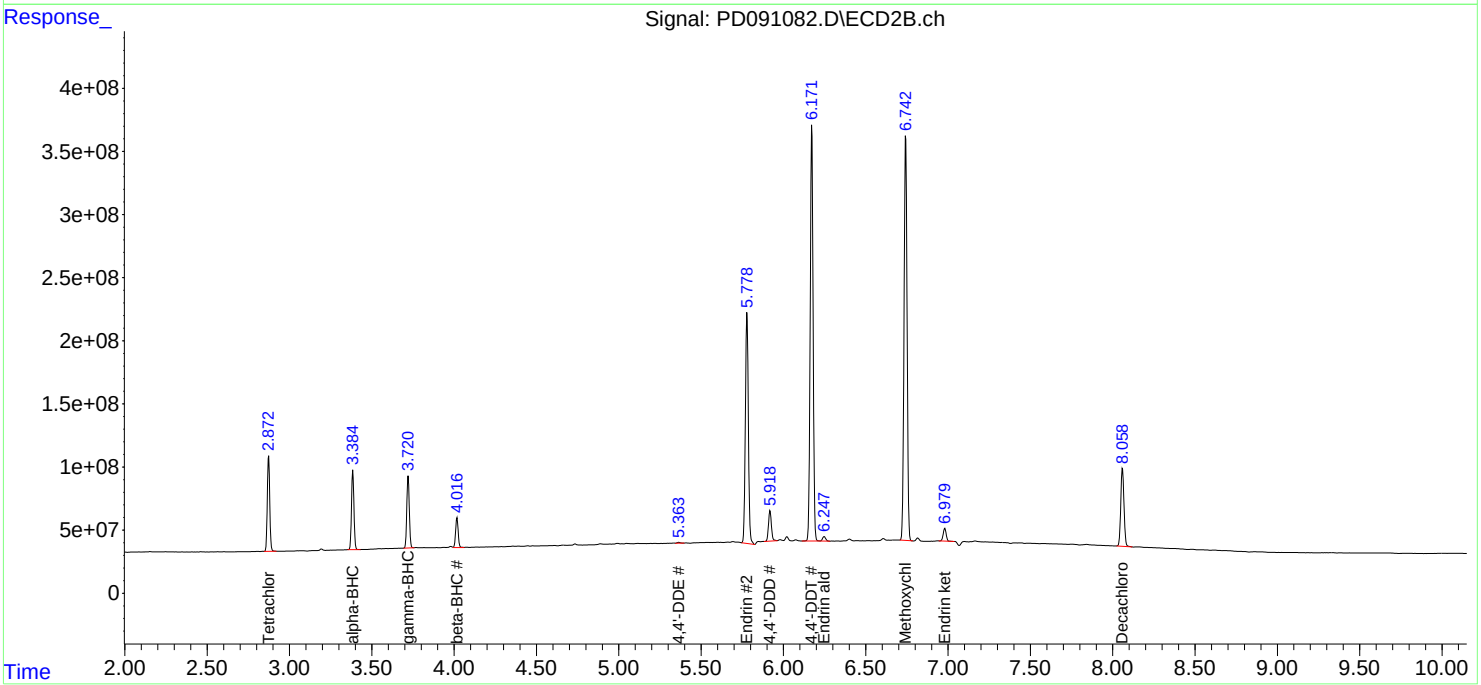
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 09:49:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091105.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	20.820	20.000	4.1
Tetrachloro-m-xylene	3.544	3.490	3.590	21.490	20.000	7.5
alpha-BHC	3.993	3.940	4.040	9.110	10.000	-8.9
beta-BHC	4.511	4.460	4.560	10.200	10.000	2.0
gamma-BHC (Lindane)	4.324	4.270	4.370	9.180	10.000	-8.2
Endrin	6.568	6.500	6.640	46.820	50.000	-6.4
4,4'-DDT	7.016	6.950	7.090	92.030	100.000	-8.0
Methoxychlor	7.489	7.420	7.560	222.530	250.000	-11.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091105.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	24.530	20.000	22.7
Tetrachloro-m-xylene	2.874	2.820	2.920	23.620	20.000	18.1
alpha-BHC	3.386	3.340	3.440	11.500	10.000	15.0
beta-BHC	4.018	3.970	4.070	11.390	10.000	13.9
gamma-BHC (Lindane)	3.722	3.670	3.770	11.470	10.000	14.7
Endrin	5.779	5.710	5.850	52.930	50.000	5.9
4,4'-DDT	6.173	6.100	6.240	101.210	100.000	1.2
Methoxychlor	6.743	6.670	6.810	220.830	250.000	-11.7

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:23:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	66933525	703.2E6	21.493	23.616
28)	SA Decachlor...	9.067	8.060	97379921	743.1E6	20.817	24.533
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	65387968	587.5E6	9.111	11.499 #
3)	MA gamma-BHC...	4.324	3.722	62414495	541.8E6	9.180	11.466
6)	B beta-BHC	4.511	4.018	26715377	225.9E6	10.198	11.391
12)	B 4,4'-DDE	6.190	5.368	946678	7278646	0.178m	0.166
14)	MA Endrin	6.568	5.779	231.9E6	2143.5E6	46.822	52.933
16)	A 4,4'-DDD	6.700	5.919	26591918	281.4E6	6.559	7.723
17)	MA 4,4'-DDT	7.016	6.173	378.3E6	3549.9E6	92.034	101.214
18)	B Endrin al...	6.912	6.247	3195452	30443722	0.872	1.099m#
20)	A Methoxychlor	7.489	6.743	473.0E6	3848.5E6	222.534	220.828
21)	B Endrin ke...	7.625	6.981	10830392	100.5E6	2.229	2.664

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

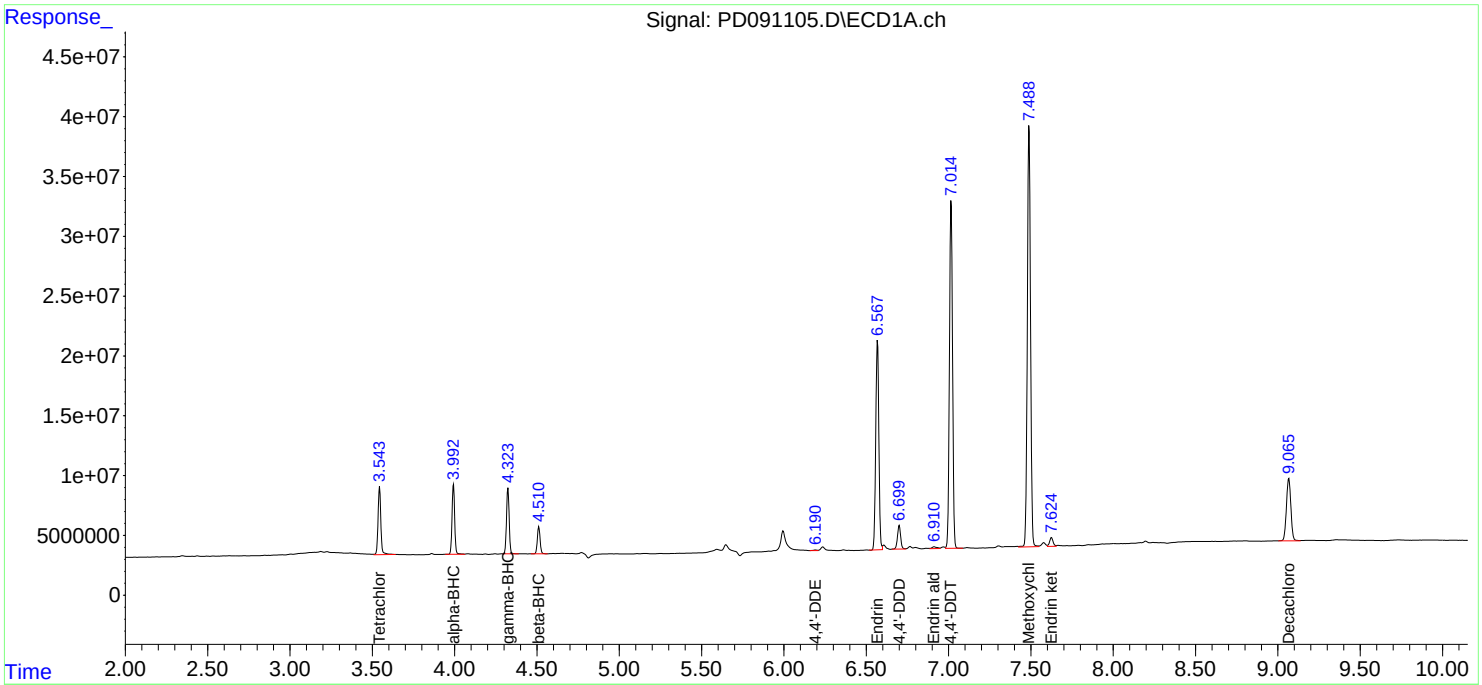
Instrument :
ECD_D
ClientSampleId :
PEM

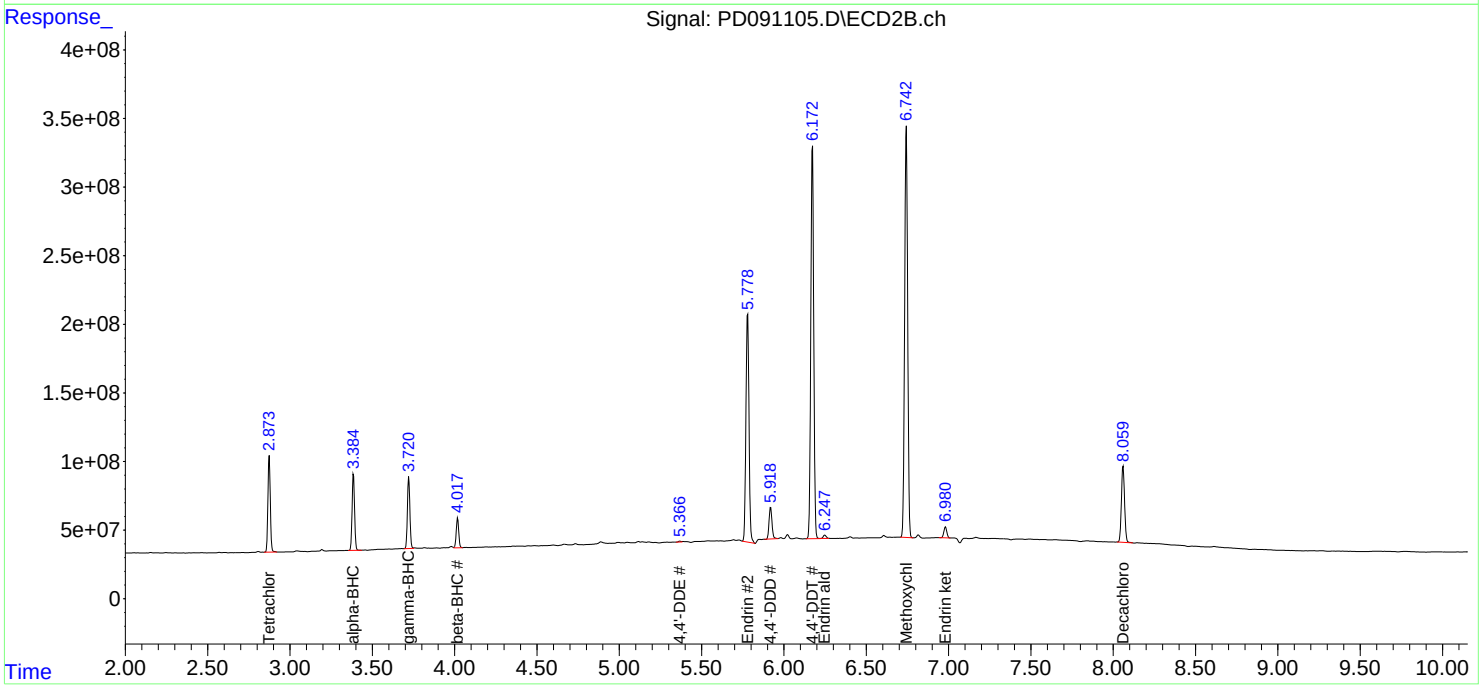
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:23:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Title : GC Extractables
Last Update : Fri Oct 17 17:43:28 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.940	100.00%
5.940	6.068	100.00%
6.068	6.190	100.00%
6.190	6.341	100.00%
6.341	7.144	100.00%
7.144	7.488	100.00%
7.488	7.625	100.00%
7.625	9.066	100.00%

Signal #2

2.874	5.116	100.00%
5.116	5.238	100.00%
5.238	5.366	100.00%
5.366	5.503	100.00%
5.503	6.474	100.00%
6.474	6.745	100.00%
6.745	6.983	100.00%
6.983	8.062	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
	Target Compounds						
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

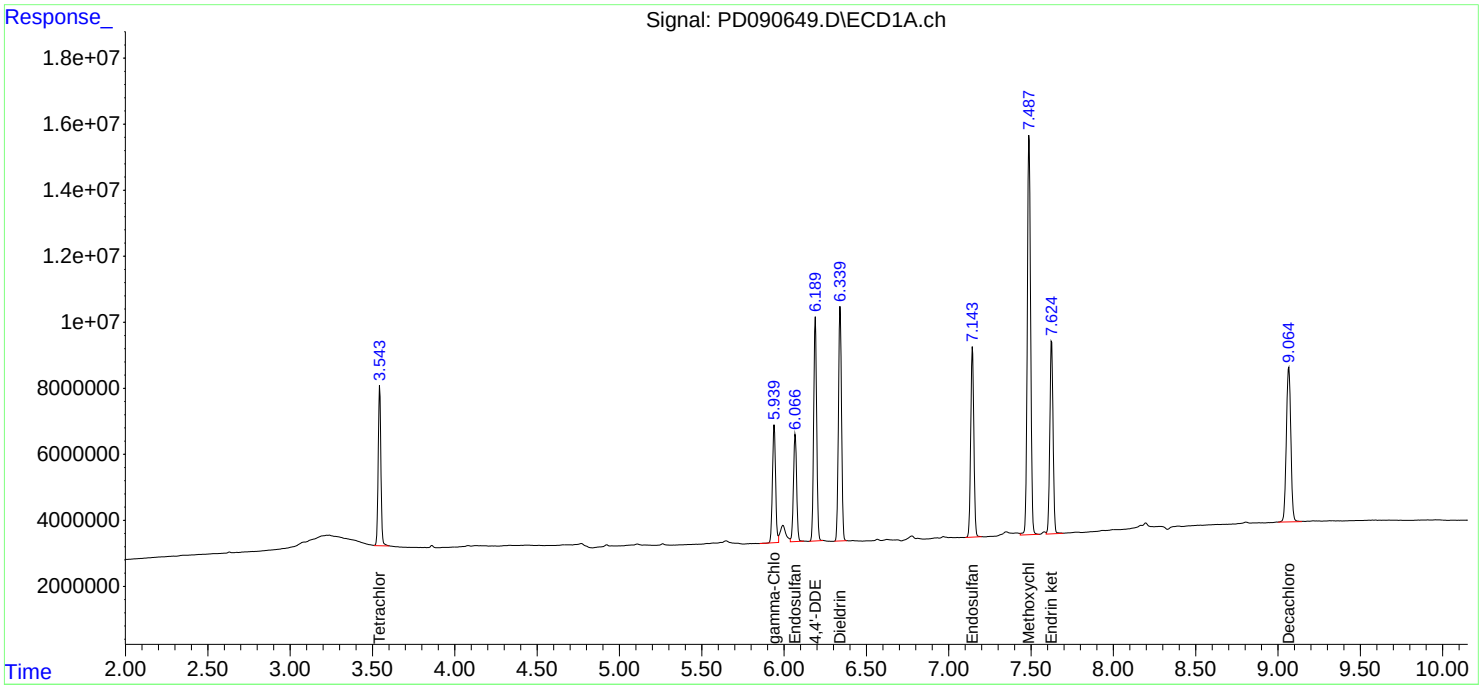
Instrument :
ECD_D
ClientSampleId :
RESCHK

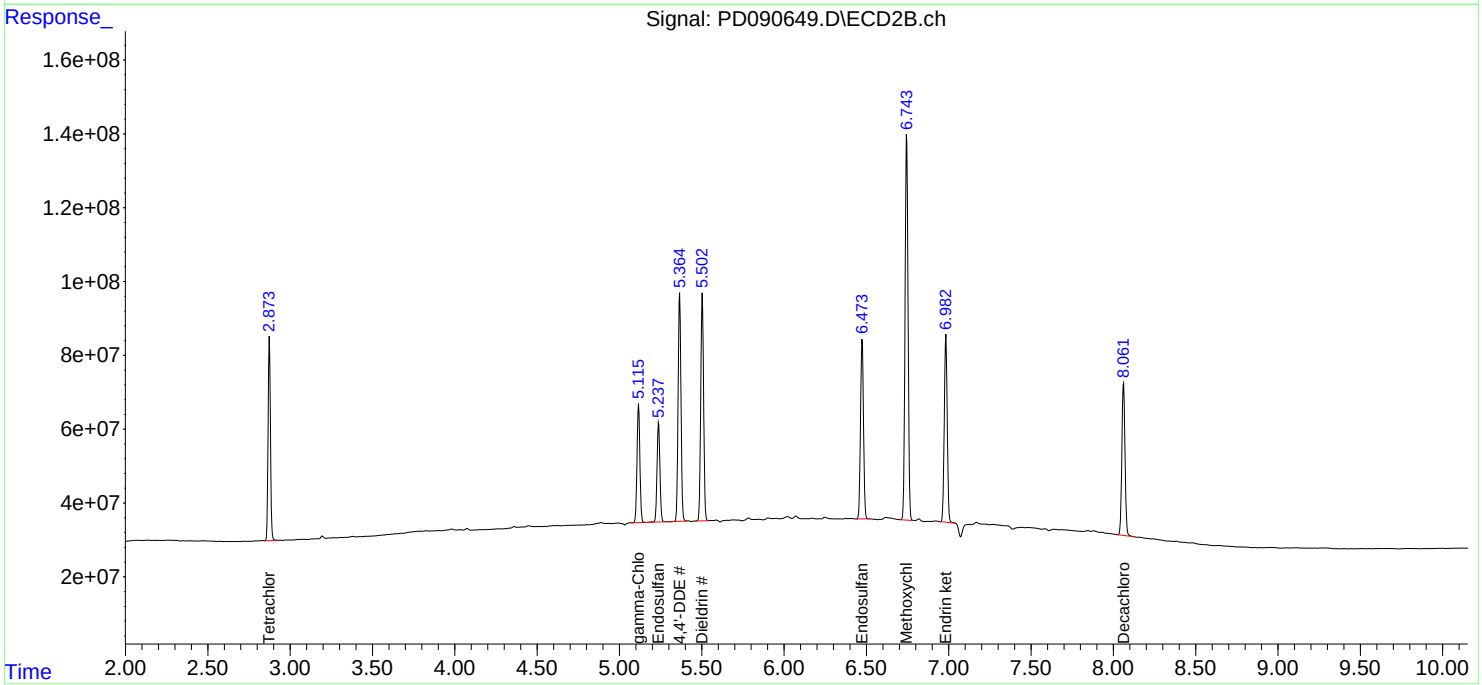
Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	9.07	3.54
PEM	PEM	11/12/2025	09:15	PD091082.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	9.07	3.54
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	9.07	3.54
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	9.07	3.54
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	9.06	3.54
SW-1	Q3584-01	11/12/2025	12:28	PD091096.D	9.07	3.54
SW-2	Q3584-02	11/12/2025	12:55	PD091098.D	9.07	3.54
SW-3	Q3584-03	11/12/2025	13:22	PD091100.D	9.07	3.54
EB-2	Q3584-04	11/12/2025	13:50	PD091102.D	9.07	3.54
FB-2	Q3584-05	11/12/2025	14:03	PD091103.D	9.07	3.55
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	9.07	3.54
PEM	PEM	11/12/2025	14:31	PD091105.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	17:15	PD091117.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	17:28	PD091118.D	9.07	3.54
SEEP-1	Q3584-07	11/12/2025	19:18	PD091124.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	20:53	PD091129.D	9.07	3.55
PSTDCCC050	PSTDCCC050	11/12/2025	21:07	PD091130.D	9.07	3.54

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	8.06	2.87
PEM	PEM	11/12/2025	09:15	PD091082.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	8.06	2.87
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	8.06	2.87
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	8.06	2.87
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	8.06	2.87
SW-1	Q3584-01	11/12/2025	12:28	PD091096.D	8.06	2.87
SW-2	Q3584-02	11/12/2025	12:55	PD091098.D	8.06	2.88
SW-3	Q3584-03	11/12/2025	13:22	PD091100.D	8.06	2.87
EB-2	Q3584-04	11/12/2025	13:50	PD091102.D	8.06	2.87
FB-2	Q3584-05	11/12/2025	14:03	PD091103.D	8.06	2.88
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	8.06	2.87
PEM	PEM	11/12/2025	14:31	PD091105.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	17:15	PD091117.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	17:28	PD091118.D	8.06	2.87
SEEP-1	Q3584-07	11/12/2025	19:18	PD091124.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	20:53	PD091129.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	21:07	PD091130.D	8.06	2.87

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	0.48	12.9
	2	6.07	6.02	6.12	0.55	
4,4'-DDD	1	6.70	6.65	6.75	0.51	10.6
	2	5.92	5.87	5.97	0.57	
4,4'-DDT	1	7.02	6.97	7.07	0.47	12.4
	2	6.17	6.12	6.22	0.54	
Endrin aldehyde	1	6.91	6.86	6.96	0.49	12.9
	2	6.25	6.20	6.30	0.56	
Endosulfan sulfate	1	7.14	7.09	7.19	0.48	14.2
	2	6.47	6.42	6.52	0.55	
Methoxychlor	1	7.49	7.44	7.54	0.48	11.7
	2	6.74	6.69	6.79	0.54	
Endrin ketone	1	7.63	7.58	7.68	0.50	20.6
	2	6.98	6.93	7.03	0.62	
alpha-BHC	1	3.99	3.94	4.04	0.47	12.1
	2	3.39	3.34	3.44	0.53	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.47	12.6
	2	3.72	3.67	3.77	0.53	
Heptachlor	1	4.92	4.87	4.97	0.57	3.6
	2	4.07	4.02	4.12	0.55	
Aldrin	1	5.26	5.21	5.31	0.47	11.3
	2	4.36	4.31	4.41	0.53	
beta-BHC	1	4.51	4.46	4.56	0.46	13.3
	2	4.02	3.97	4.07	0.52	
delta-BHC	1	4.76	4.71	4.81	0.48	10.6
	2	4.25	4.20	4.30	0.53	
Heptachlor epoxide	1	5.68	5.63	5.73	0.49	6.8
	2	4.86	4.81	4.91	0.52	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	0.48	10.2
	2	5.24	5.19	5.29	0.53	
gamma-Chlordane	1	5.94	5.89	5.99	0.47	12.5
	2	5.12	5.07	5.17	0.53	
alpha-Chlordane	1	6.02	5.97	6.07	0.48	9.8
	2	5.18	5.13	5.23	0.53	
4,4'-DDE	1	6.19	6.14	6.24	0.47	13.5
	2	5.37	5.32	5.42	0.53	
Dieldrin	1	6.34	6.29	6.39	0.48	11.6
	2	5.50	5.45	5.55	0.54	
Endrin	1	6.57	6.52	6.62	0.44	13.3
	2	5.78	5.73	5.83	0.50	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BSD **Date(s) Analyzed:** 11/12/2025 11/12/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	0.44	9.9
	2	6.07	6.02	6.12	0.48	
4,4'-DDD	1	6.70	6.65	6.75	0.47	4.6
	2	5.92	5.87	5.97	0.50	
4,4'-DDT	1	7.02	6.97	7.07	0.45	3.7
	2	6.17	6.12	6.22	0.47	
Endrin aldehyde	1	6.91	6.86	6.96	0.46	5.3
	2	6.25	6.20	6.30	0.48	
Endosulfan sulfate	1	7.14	7.09	7.19	0.44	5.4
	2	6.47	6.42	6.52	0.46	
Methoxychlor	1	7.49	7.44	7.54	0.44	3
	2	6.74	6.69	6.79	0.45	
Endrin ketone	1	7.63	7.58	7.68	0.46	4.8
	2	6.98	6.93	7.03	0.49	
alpha-BHC	1	3.99	3.94	4.04	0.47	9.2
	2	3.39	3.34	3.44	0.51	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.46	9.9
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.92	4.87	4.97	0.55	5.6
	2	4.07	4.02	4.12	0.52	
Aldrin	1	5.26	5.21	5.31	0.45	10.3
	2	4.36	4.31	4.41	0.50	
beta-BHC	1	4.51	4.46	4.56	0.45	10.7
	2	4.02	3.97	4.07	0.50	
delta-BHC	1	4.76	4.71	4.81	0.46	8.3
	2	4.25	4.20	4.30	0.50	
Heptachlor epoxide	1	5.68	5.63	5.73	0.45	5.5
	2	4.86	4.81	4.91	0.48	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BSD **Date(s) Analyzed:** 11/12/2025 11/12/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	0.45	7.9
	2	5.24	5.19	5.29	0.48	
gamma-Chlordane	1	5.94	5.89	5.99	0.45	8
	2	5.12	5.07	5.17	0.49	
alpha-Chlordane	1	6.02	5.97	6.07	0.43	11.6
	2	5.18	5.13	5.23	0.48	
4,4'-DDE	1	6.19	6.14	6.24	0.43	11.1
	2	5.36	5.31	5.41	0.48	
Dieldrin	1	6.34	6.29	6.39	0.43	11
	2	5.50	5.45	5.55	0.48	
Endrin	1	6.57	6.52	6.62	0.41	9.6
	2	5.78	5.73	5.83	0.46	

QC SAMPLE DATA

Raw Data: **PD091086.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170485BL	SDG No.:	Q3584
Lab Sample ID:	PB170485BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

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	11/12/25 10:11	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 10:11	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 10:11	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 10:11	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 10:11	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 10:11	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 10:11	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 10:11	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 10:11	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 10:11	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:11	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.6			30 (31) - 150 (149)	128%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			30 (41) - 150 (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\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	63699704	702.3E6	20.455	23.587
28)	SA Decachlor...	9.065	8.060	96809267	777.0E6	20.695	25.652
	Target Compounds						

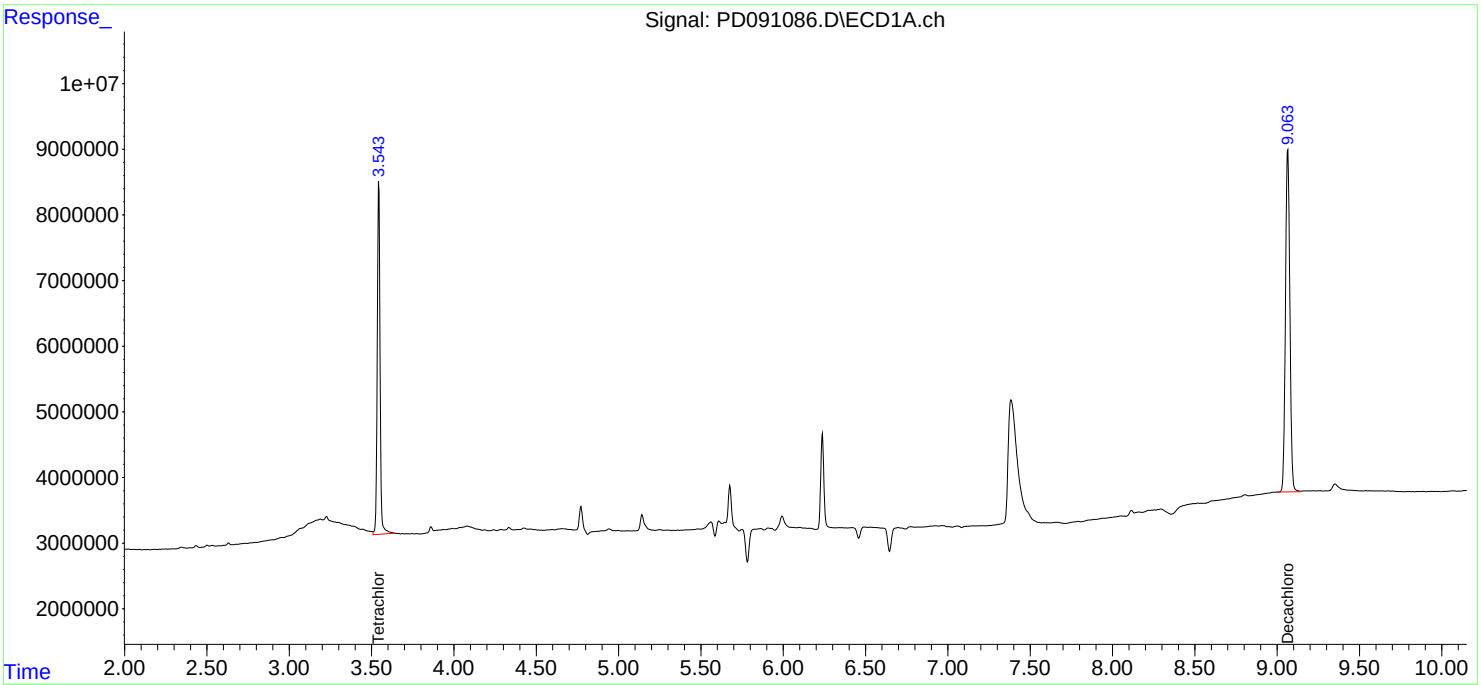
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

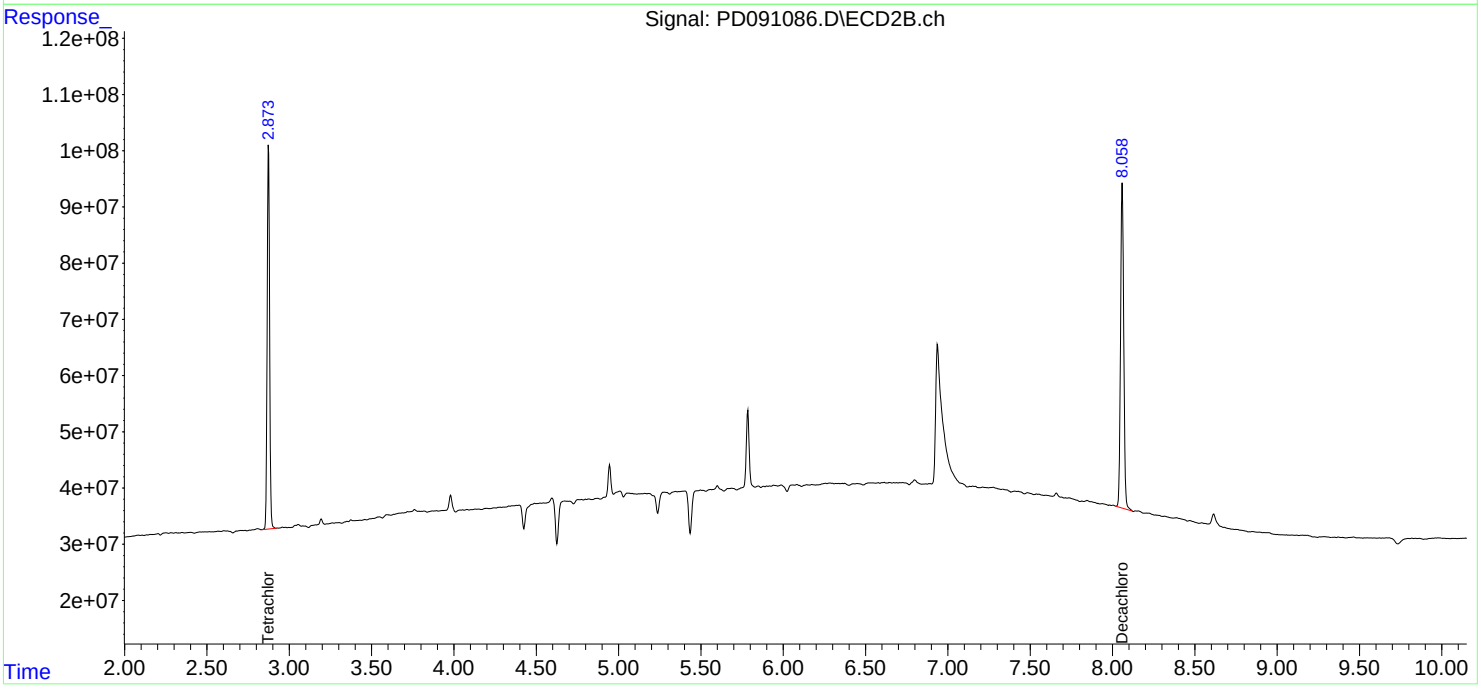
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

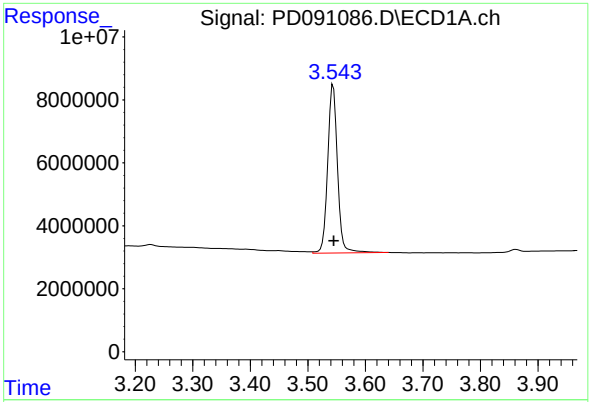
Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



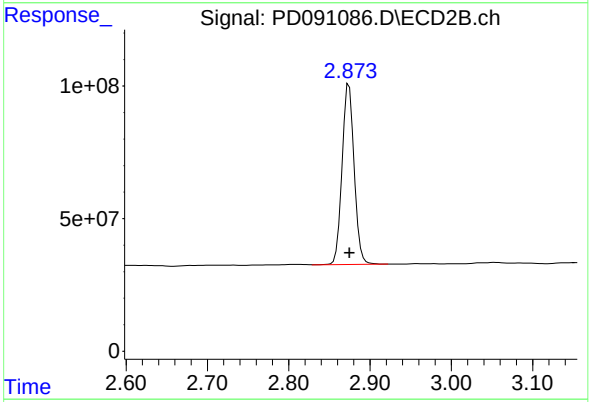




#1 Tetrachloro-m-xylene

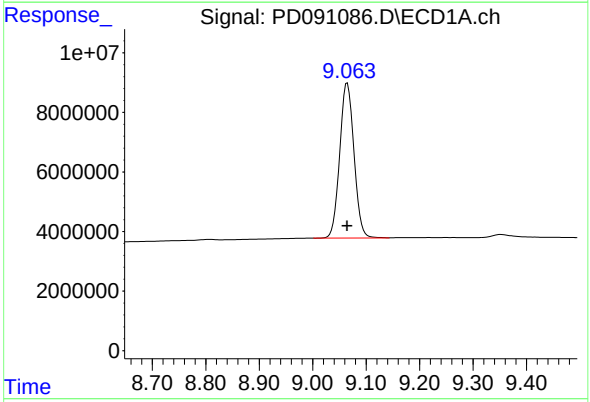
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 63699704
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BL



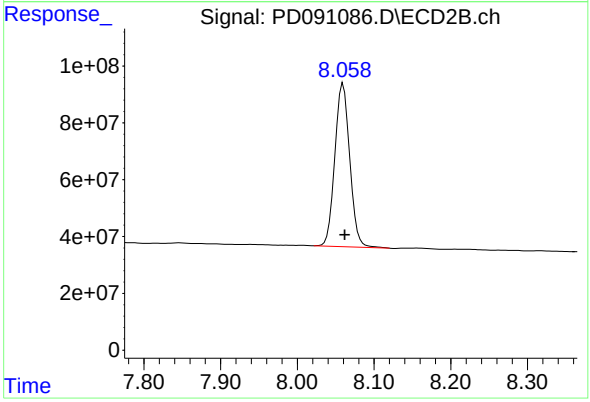
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 702340415
Conc: 23.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 96809267
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 777038410
Conc: 25.65 ng/ml

Raw Data: **PD090647.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/17/25
Project:	Edison Landfill	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
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	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			30 (31) - 150 (149)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (41) - 150 (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\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.875	60526543	594.5E6	19.436	19.964
28)	SA Decachlor...	9.066	8.062	99514776	616.2E6	21.273	20.342
	Target Compounds						

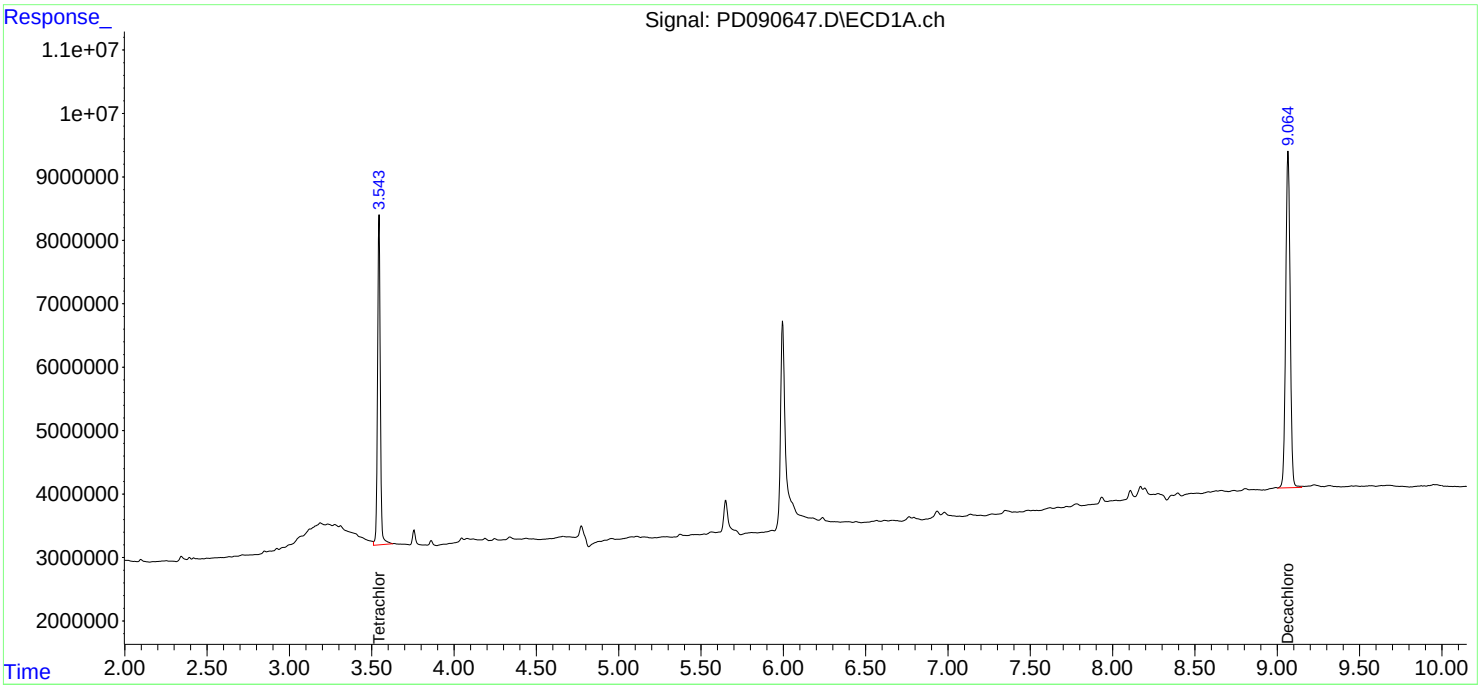
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

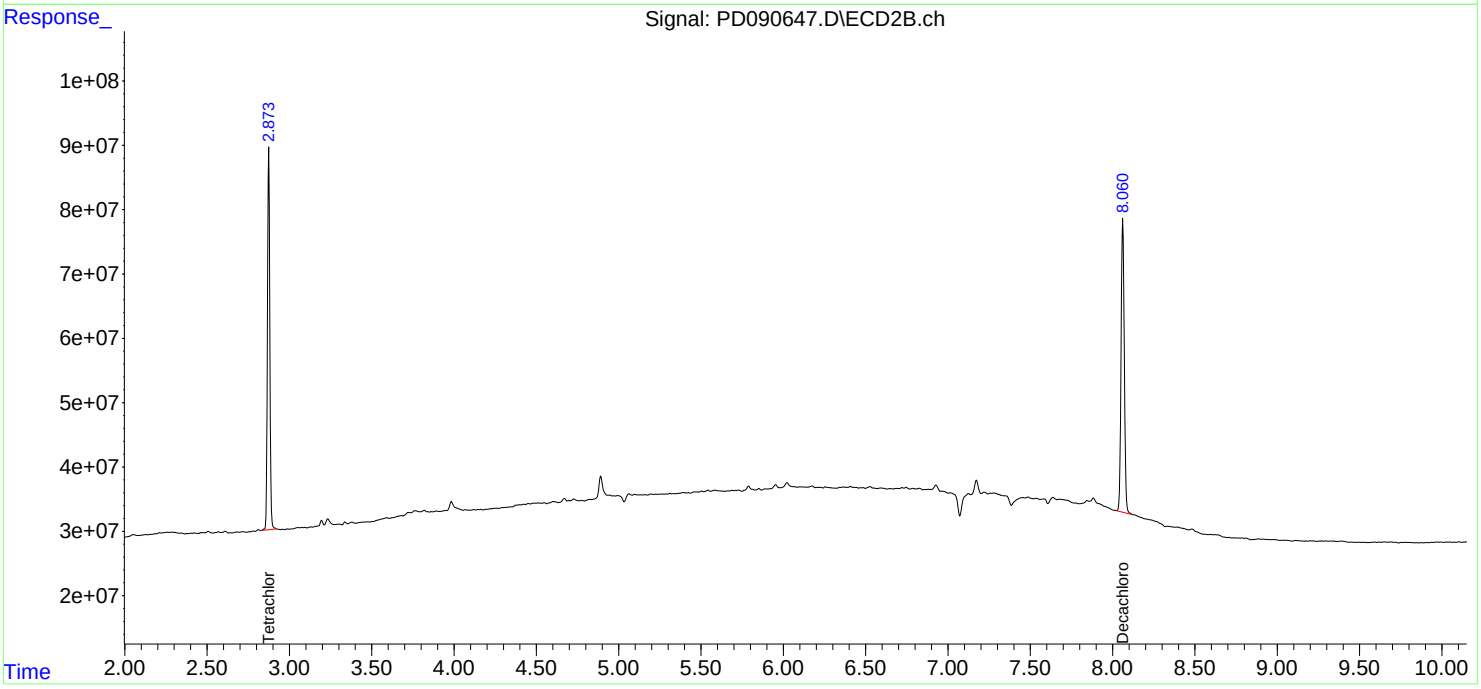
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

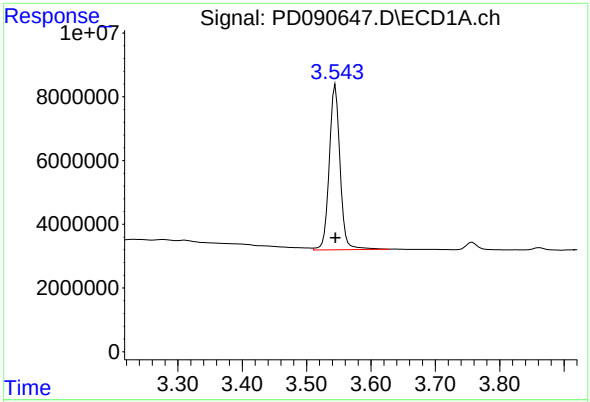
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



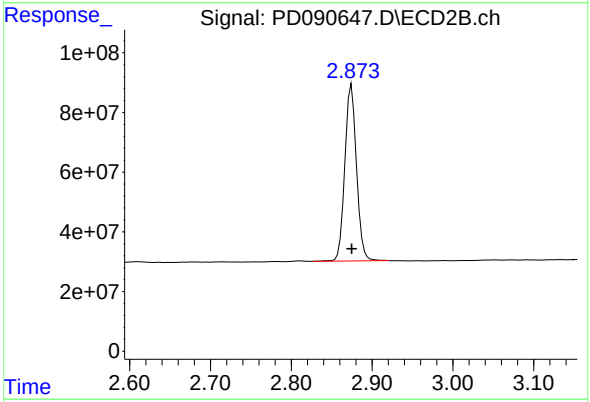




#1 Tetrachloro-m-xylene

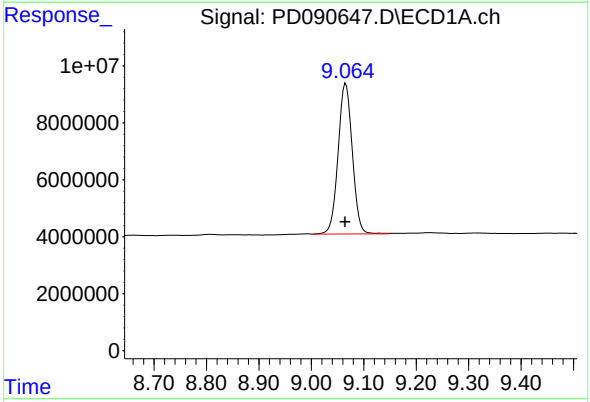
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60526543
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



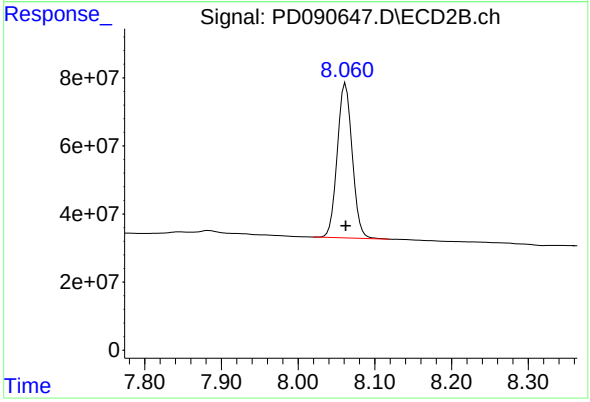
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 594475365
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 99514776
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 616188932
Conc: 20.34 ng/ml

Raw Data: **PD091081.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091081.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091081.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.4			30 (31) - 150 (149)	137%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.6			30 (41) - 150 (134)	128%	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\PD111225\
Data File : PD091081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:01
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 12 09:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.873	67966174	763.5E6	21.825	25.642
28)	SA Decachlor...	9.067	8.060	102.4E6	829.1E6	21.892	27.370 #
	Target Compounds						

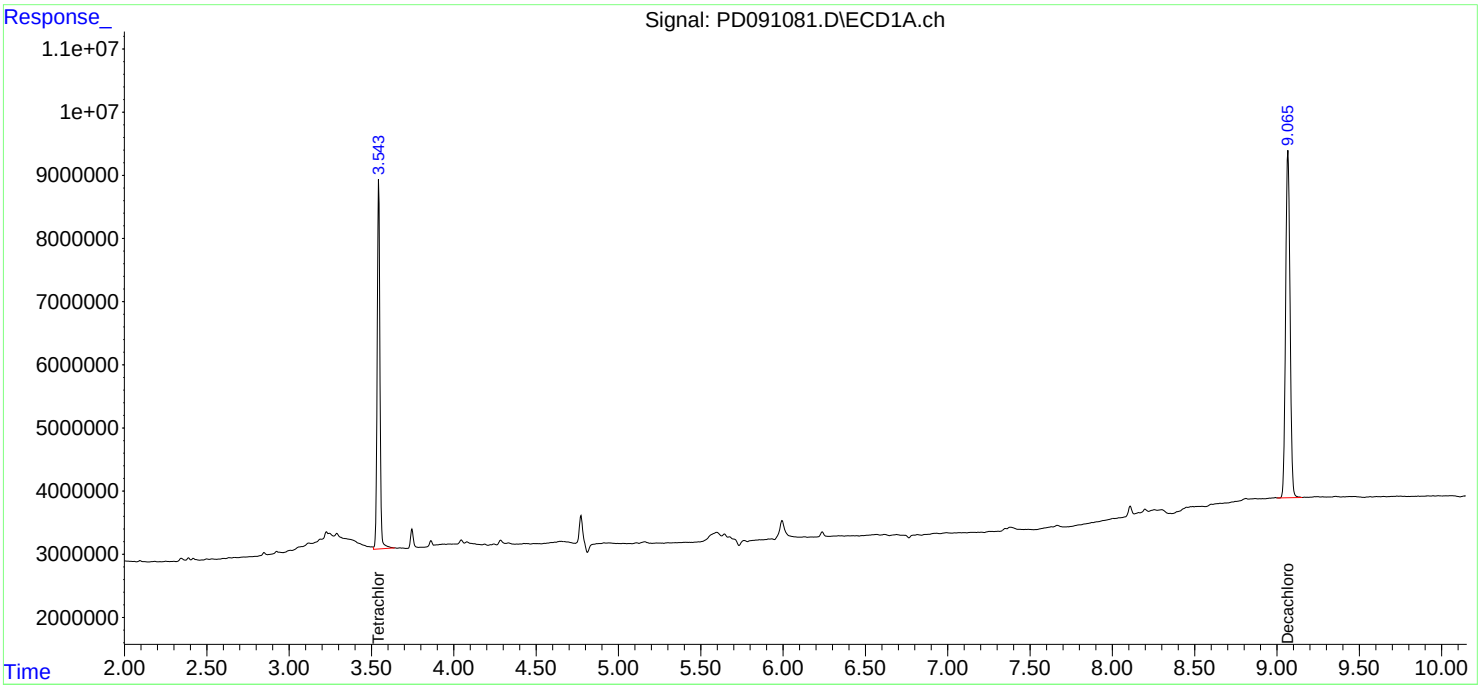
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

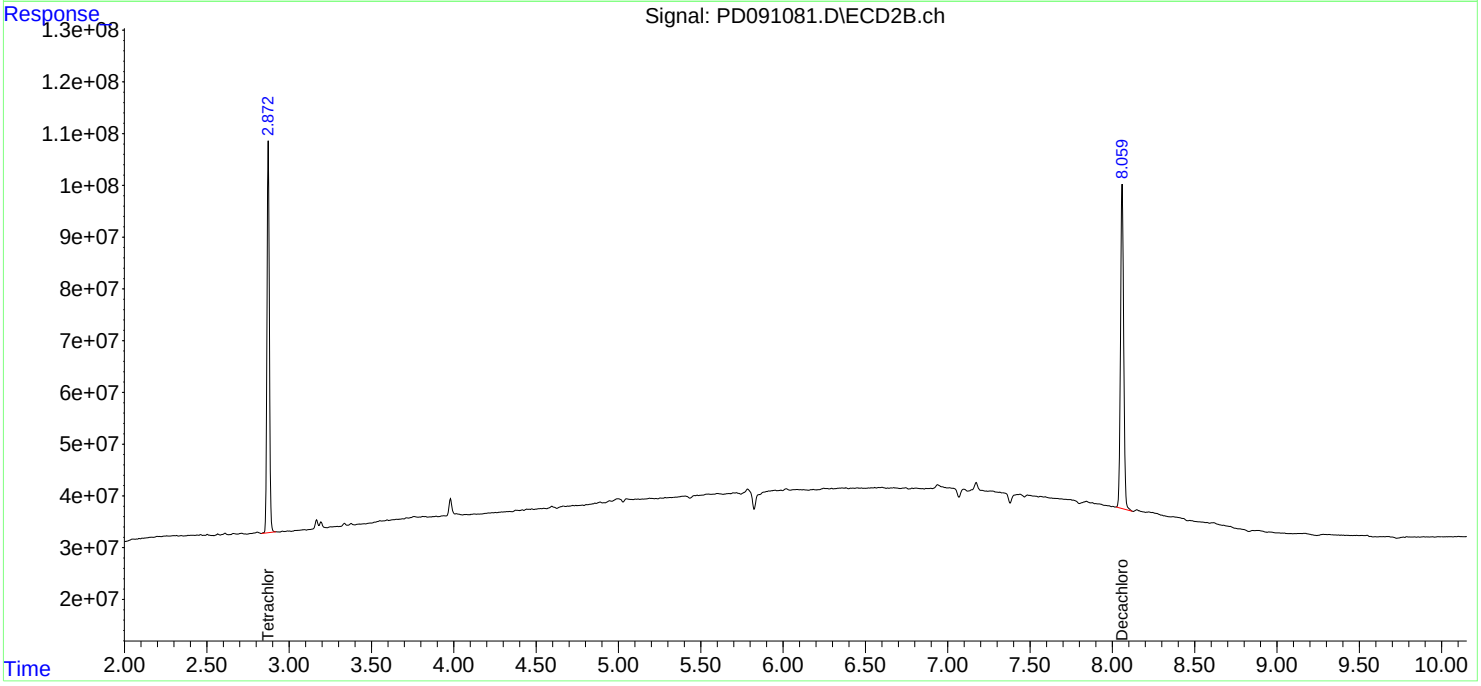
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091081.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 09:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

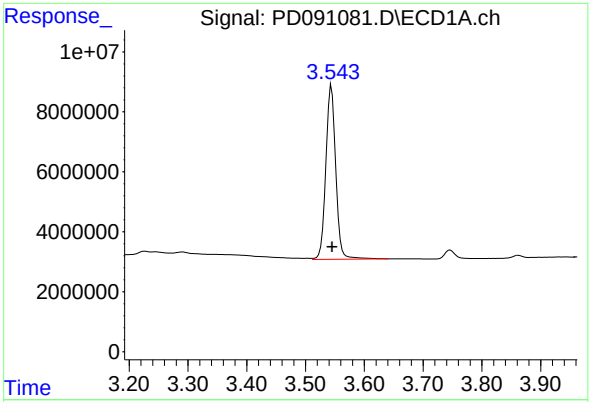
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 09:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



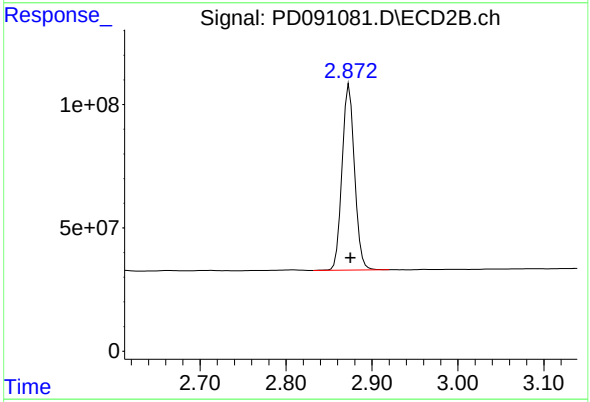




#1 Tetrachloro-m-xylene

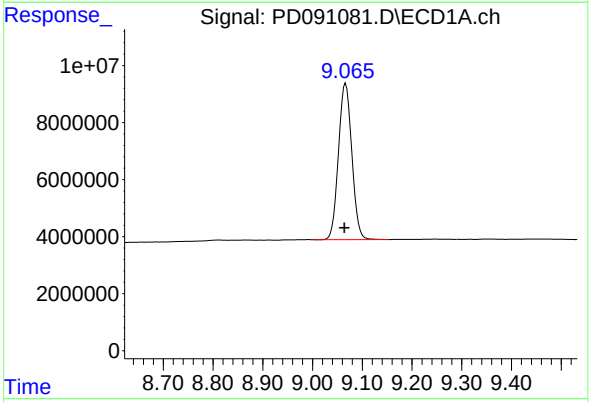
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67966174
Conc: 21.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



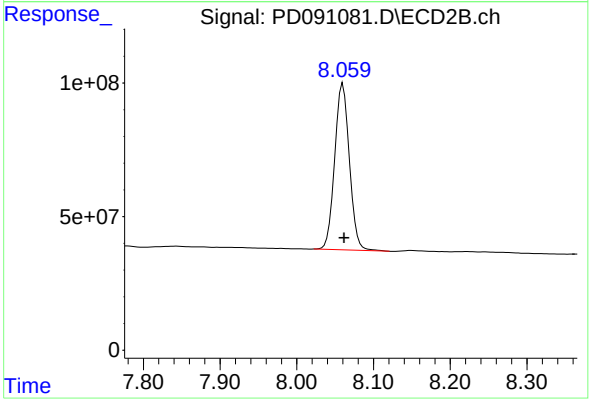
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 763540856
Conc: 25.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 102409211
Conc: 21.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 829065366
Conc: 27.37 ng/ml

Raw Data: **PD091104.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091104.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091104.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.9			30 (31) - 150 (149)	130%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.7			30 (41) - 150 (134)	124%	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\PD111225\
Data File : PD091104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:17
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 12 21:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	68438896	735.4E6	21.977	24.696
28)	SA Decachlor...	9.066	8.061	101.3E6	786.1E6	21.658	25.950
	Target Compounds						

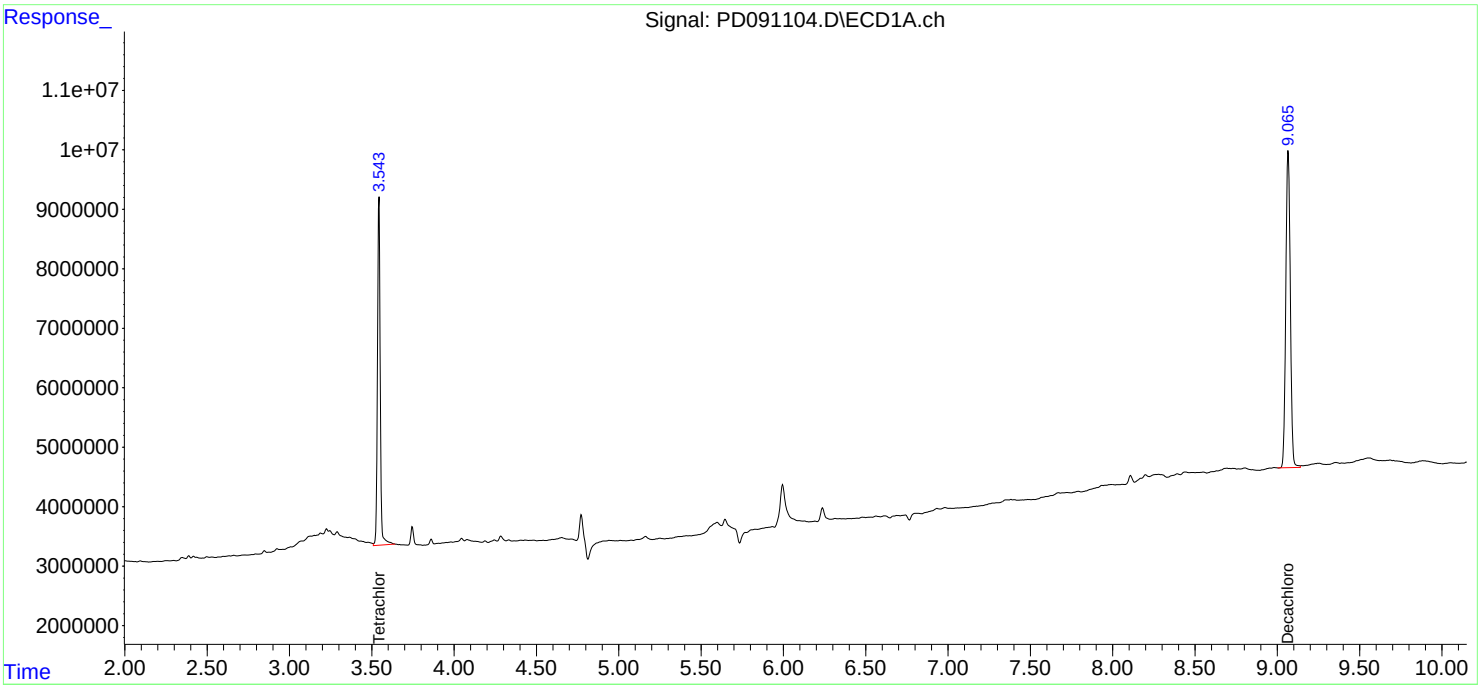
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

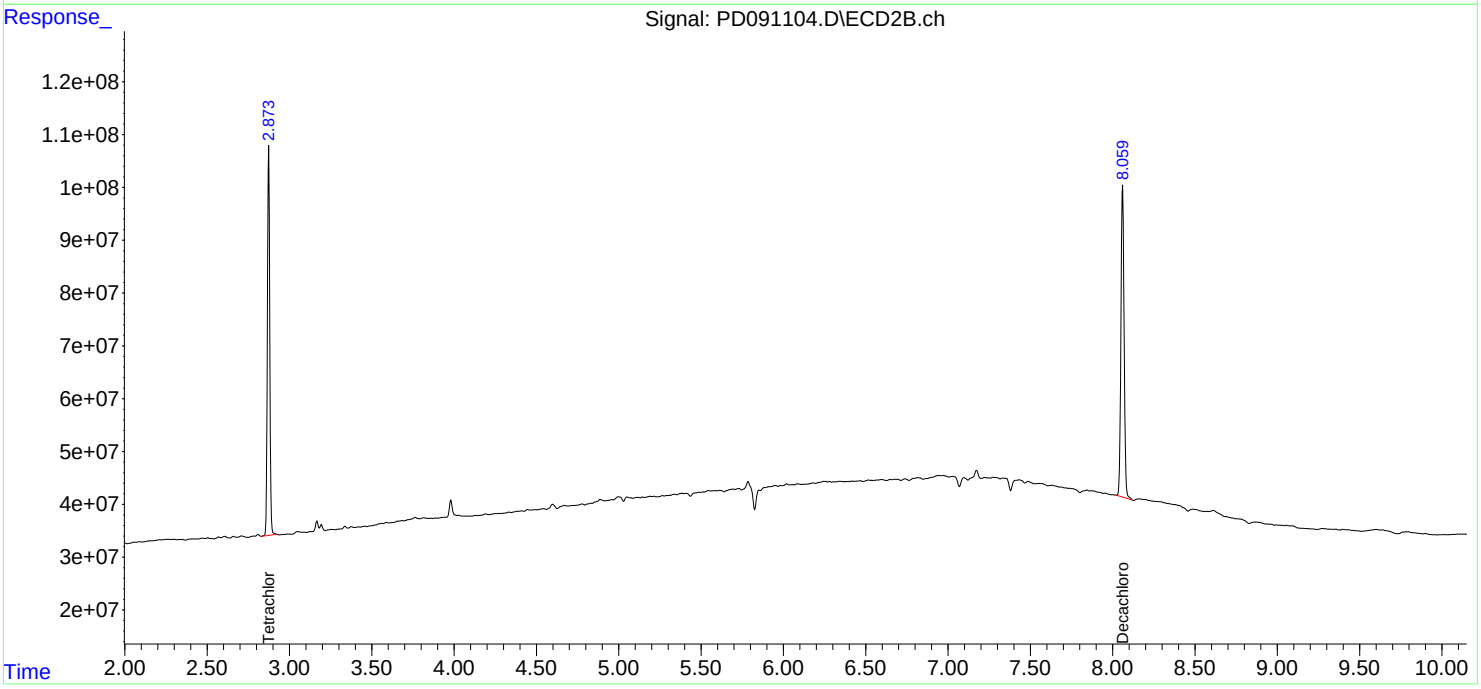
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:17
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

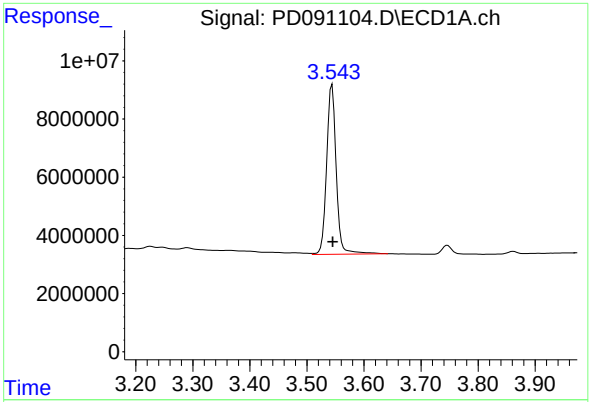
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



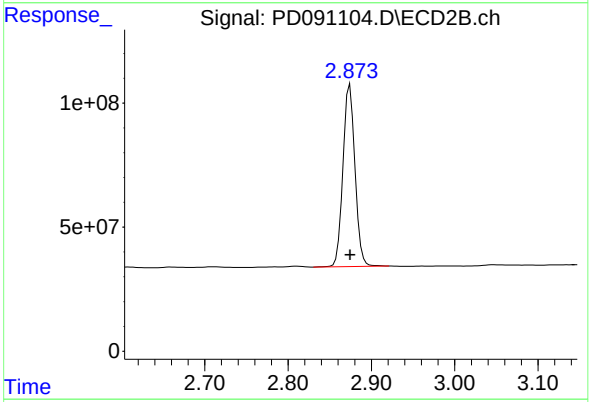




#1 Tetrachloro-m-xylene

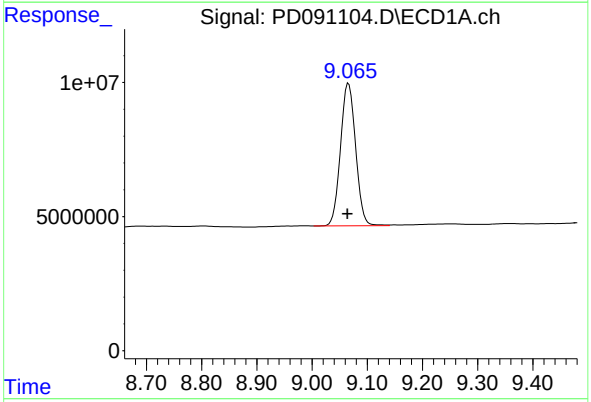
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 68438896
Conc: 21.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



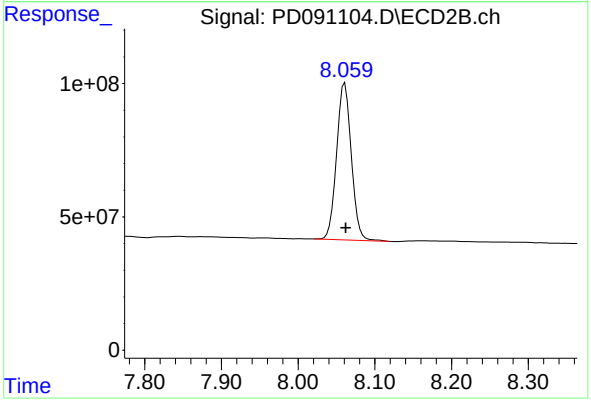
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 735386379
Conc: 24.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 101313067
Conc: 21.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 786063012
Conc: 25.95 ng/ml

Raw Data: **PD091117.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091117.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091117.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.9			30 (31) - 150 (149)	129%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.3			30 (41) - 150 (134)	121%	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\PD111225\
Data File : PD091117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 17:15
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 12 21:28:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	66894890	723.1E6	21.481	24.282
28)	SA Decachlor...	9.067	8.060	101.4E6	783.3E6	21.672	25.859
	Target Compounds						

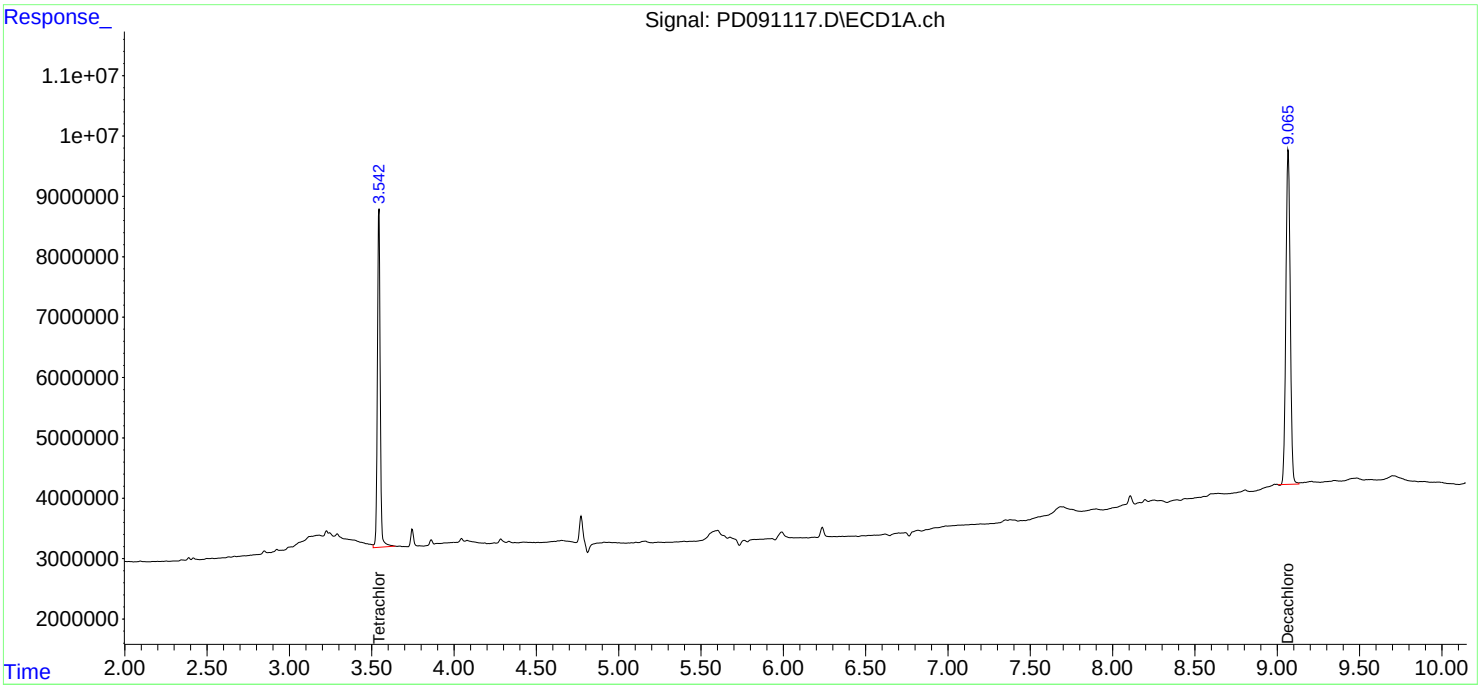
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

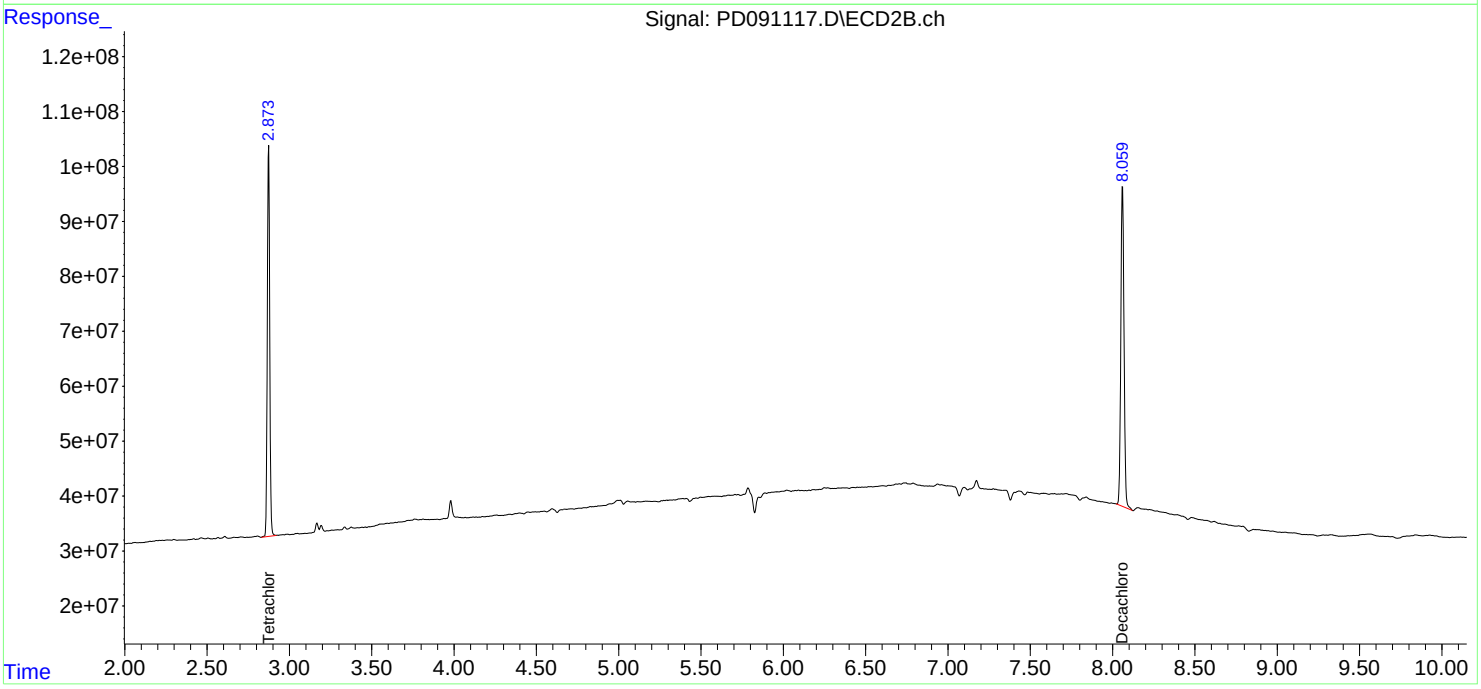
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 17:15
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

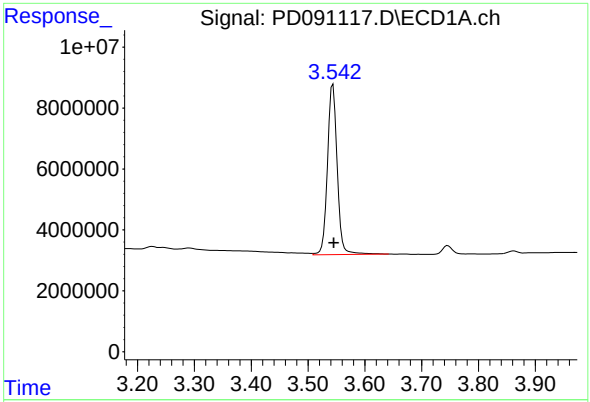
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:28:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



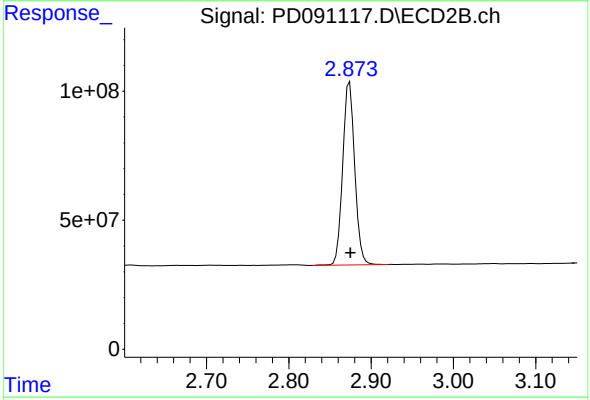




#1 Tetrachloro-m-xylene

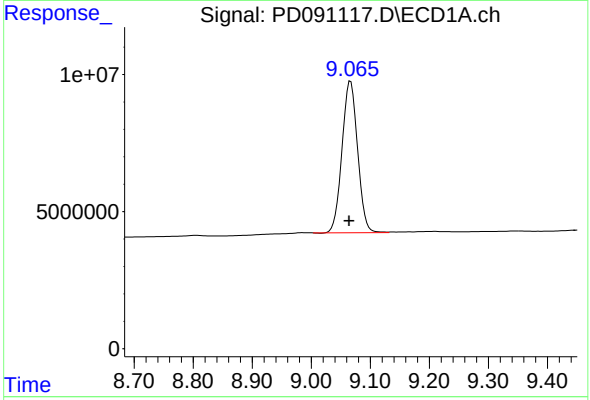
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 66894890
Conc: 21.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



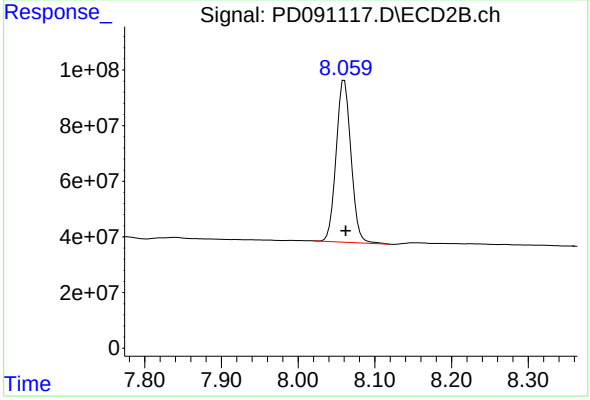
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 723053856
Conc: 24.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 101382368
Conc: 21.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 783316463
Conc: 25.86 ng/ml

Raw Data: **PD091129.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091129.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091129.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.1			30 (31) - 150 (149)	131%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.5			30 (41) - 150 (134)	123%	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\PD111225\
Data File : PD091129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 20:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:34:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.874	67250274	730.1E6	21.595	24.520
28)	SA Decachlor...	9.065	8.060	103.3E6	792.2E6	22.090	26.154
	Target Compounds						

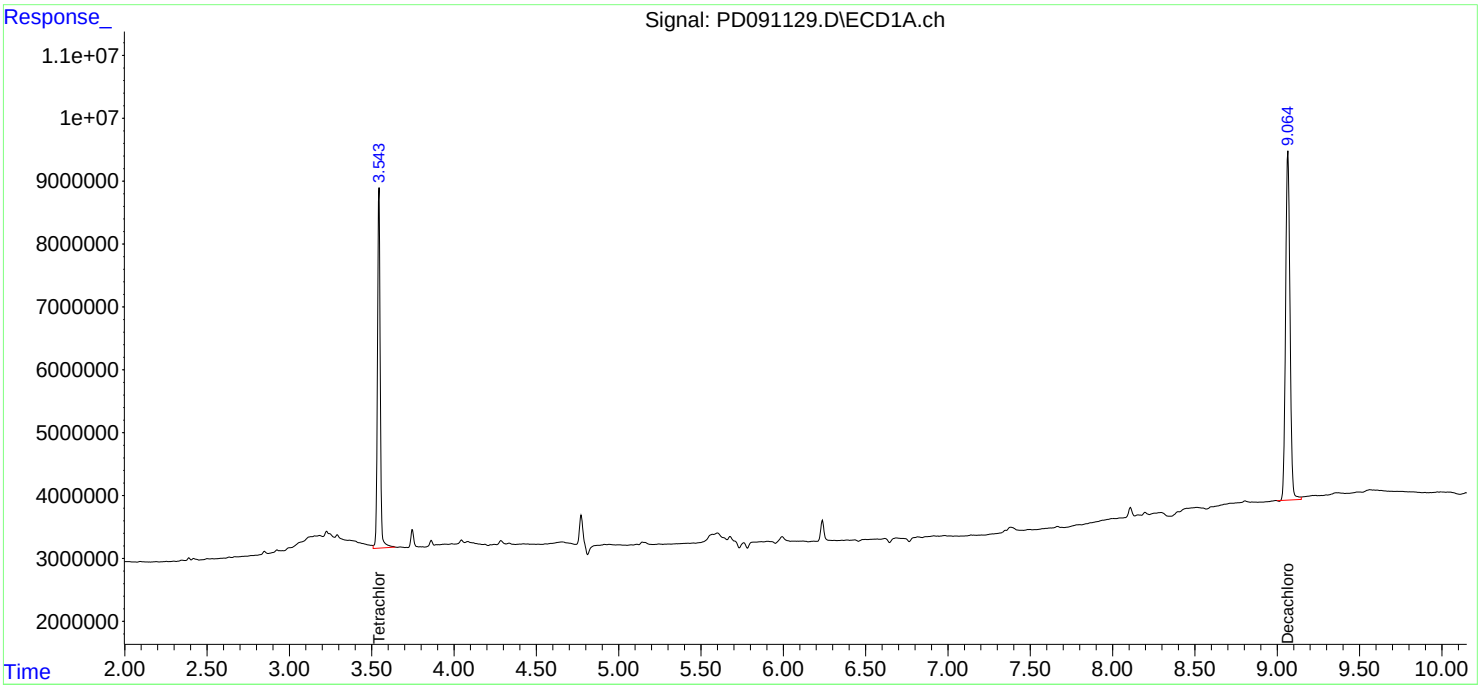
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

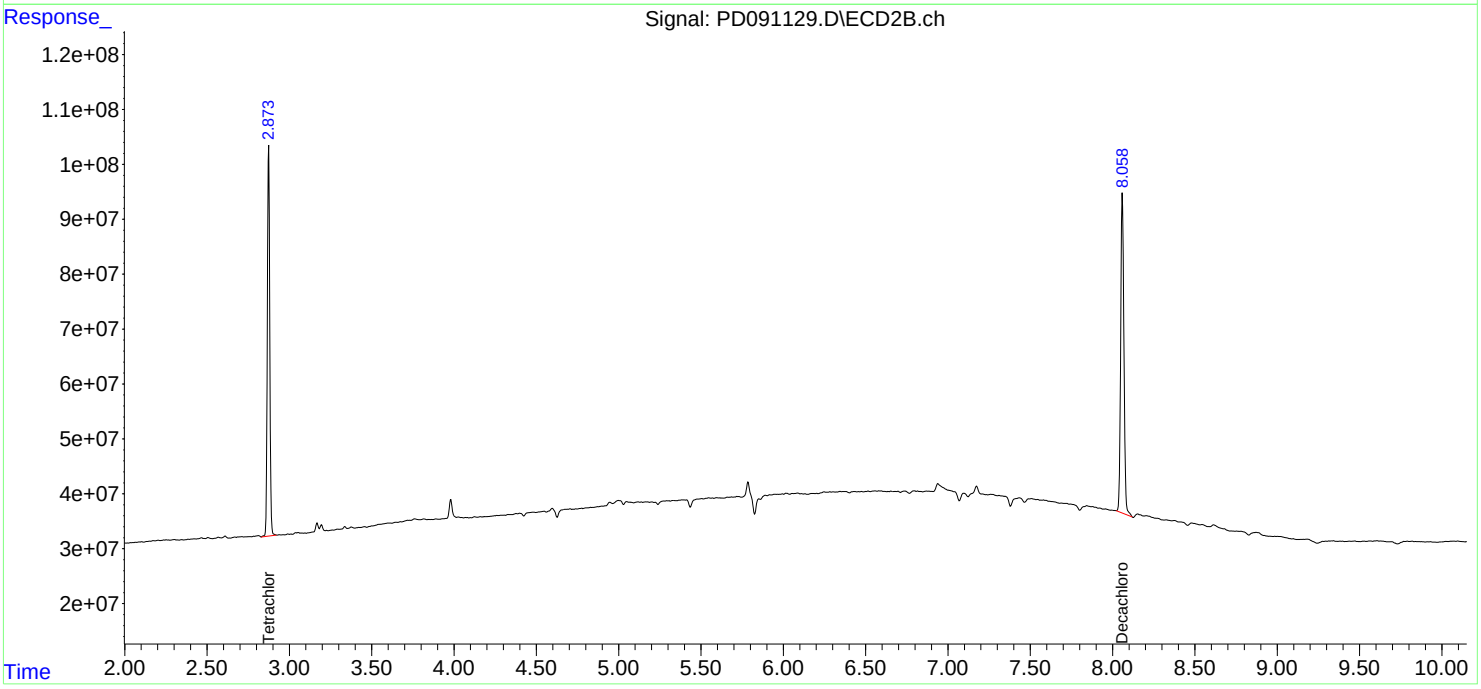
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 20:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

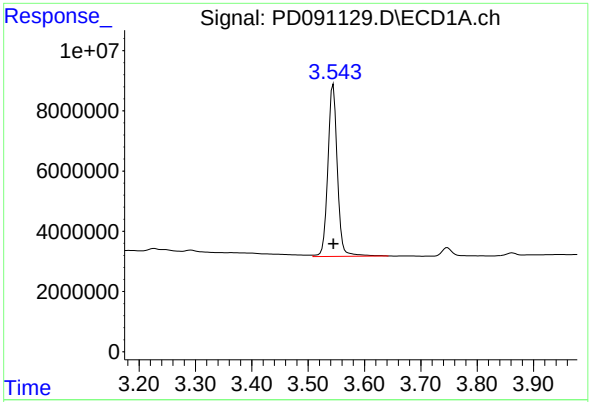
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:34:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



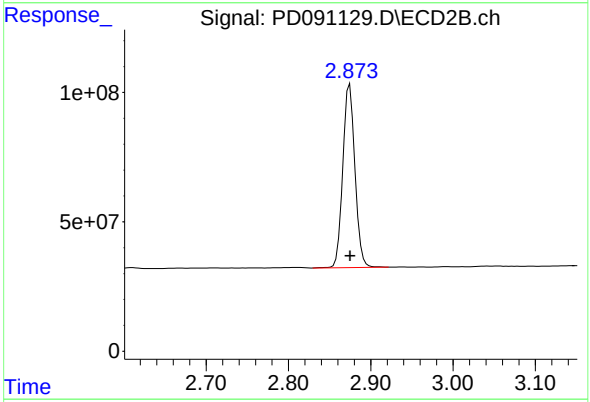




#1 Tetrachloro-m-xylene

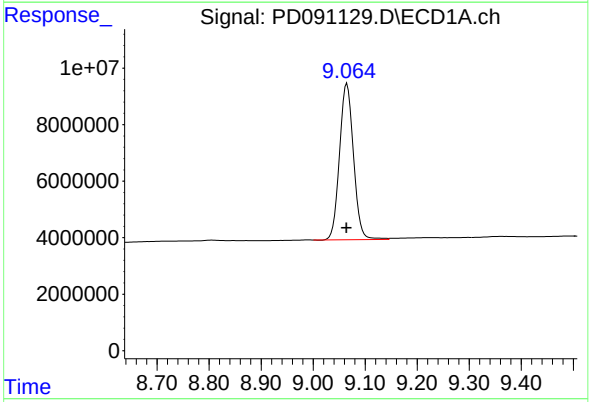
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 67250274
Conc: 21.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



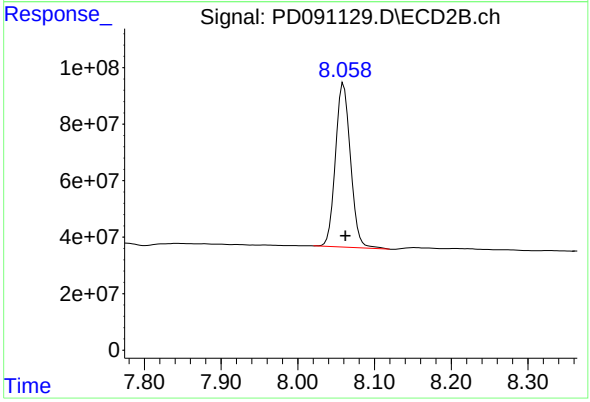
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 730132236
Conc: 24.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 103336054
Conc: 22.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 792246330
Conc: 26.15 ng/ml

Raw Data: **PD091087.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170485BS	SDG No.:	Q3584
Lab Sample ID:	PB170485BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
319-85-7	beta-BHC	0.52		1	0.0049	0.050	ug/L	11/12/25 10:25	PB170485
319-86-8	delta-BHC	0.53		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
58-89-9	gamma-BHC (Lindane)	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
76-44-8	Heptachlor	0.57		1	0.0027	0.050	ug/L	11/12/25 10:25	PB170485
309-00-2	Aldrin	0.53		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
1024-57-3	Heptachlor epoxide	0.52		1	0.0096	0.050	ug/L	11/12/25 10:25	PB170485
959-98-8	Endosulfan I	0.53		1	0.0031	0.050	ug/L	11/12/25 10:25	PB170485
60-57-1	Dieldrin	0.54		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
72-55-9	4,4-DDE	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
72-20-8	Endrin	0.50		1	0.0032	0.050	ug/L	11/12/25 10:25	PB170485
33213-65-9	Endosulfan II	0.55		1	0.0079	0.050	ug/L	11/12/25 10:25	PB170485
72-54-8	4,4-DDD	0.57		1	0.0071	0.050	ug/L	11/12/25 10:25	PB170485
1031-07-8	Endosulfan Sulfate	0.55		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
50-29-3	4,4-DDT	0.54		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
72-43-5	Methoxychlor	0.54		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
53494-70-5	Endrin ketone	0.62		1	0.0093	0.050	ug/L	11/12/25 10:25	PB170485
7421-93-4	Endrin aldehyde	0.56		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
5103-71-9	alpha-Chlordane	0.53		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
5103-74-2	gamma-Chlordane	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:25	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.4			30 (31) - 150 (149)	132%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.9			30 (41) - 150 (134)	120%	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\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.874	63979010	712.3E6	20.545	23.922
28) SA	Decachlor...	9.066	8.061	100.0E6	800.9E6	21.382	26.440
	Target Compounds						
2) A	alpha-BHC	3.993	3.386	339.3E6	2726.7E6	47.279	53.364
3) MA	gamma-BHC...	4.324	3.722	318.5E6	2511.2E6	46.848	53.148
4) MA	Heptachlor	4.922	4.074	317.5E6	2443.0E6	56.798	54.773
5) MB	Aldrin	5.264	4.359	309.7E6	2454.0E6	47.295	52.980
6) B	beta-BHC	4.512	4.018	119.9E6	1036.2E6	45.761	52.257
7) B	delta-BHC	4.760	4.254	321.8E6	2524.4E6	47.588	52.904
8) B	Heptachlo...	5.684	4.862	281.5E6	2219.3E6	48.632	52.049
9) A	Endosulfan I	6.068	5.237	264.0E6	2078.9E6	47.677	52.777
10) B	gamma-Chl...	5.939	5.115	278.0E6	2386.9E6	46.870	53.102
11) B	alpha-Chl...	6.020	5.180	296.8E6	2284.4E6	48.031	52.956
12) B	4,4'-DDE	6.189	5.365	248.5E6	2342.3E6	46.656	53.431
13) MA	Dieldrin	6.340	5.503	279.8E6	2382.0E6	47.984	53.912
14) MA	Endrin	6.568	5.779	217.4E6	2029.8E6	43.889	50.127
15) B	Endosulfa...	6.781	6.071	239.6E6	2047.8E6	47.917	54.527
16) A	4,4'-DDD	6.700	5.919	207.8E6	2076.9E6	51.262	56.999
17) MA	4,4'-DDT	7.016	6.172	194.7E6	1881.4E6	47.379	53.642
18) B	Endrin al...	6.910	6.248	180.7E6	1554.4E6	49.338	56.129
19) B	Endosulfa...	7.144	6.472	220.4E6	1963.3E6	47.511	54.772
20) A	Methoxychlor	7.488	6.743	102.0E6	940.0E6	47.984	53.936
21) B	Endrin ke...	7.625	6.980	243.2E6	2322.0E6	50.045	61.562m
22)	Mirex	8.107	7.174	147.9E6	1393.4E6	46.221	54.238

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

Sample Results: **PD091087.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

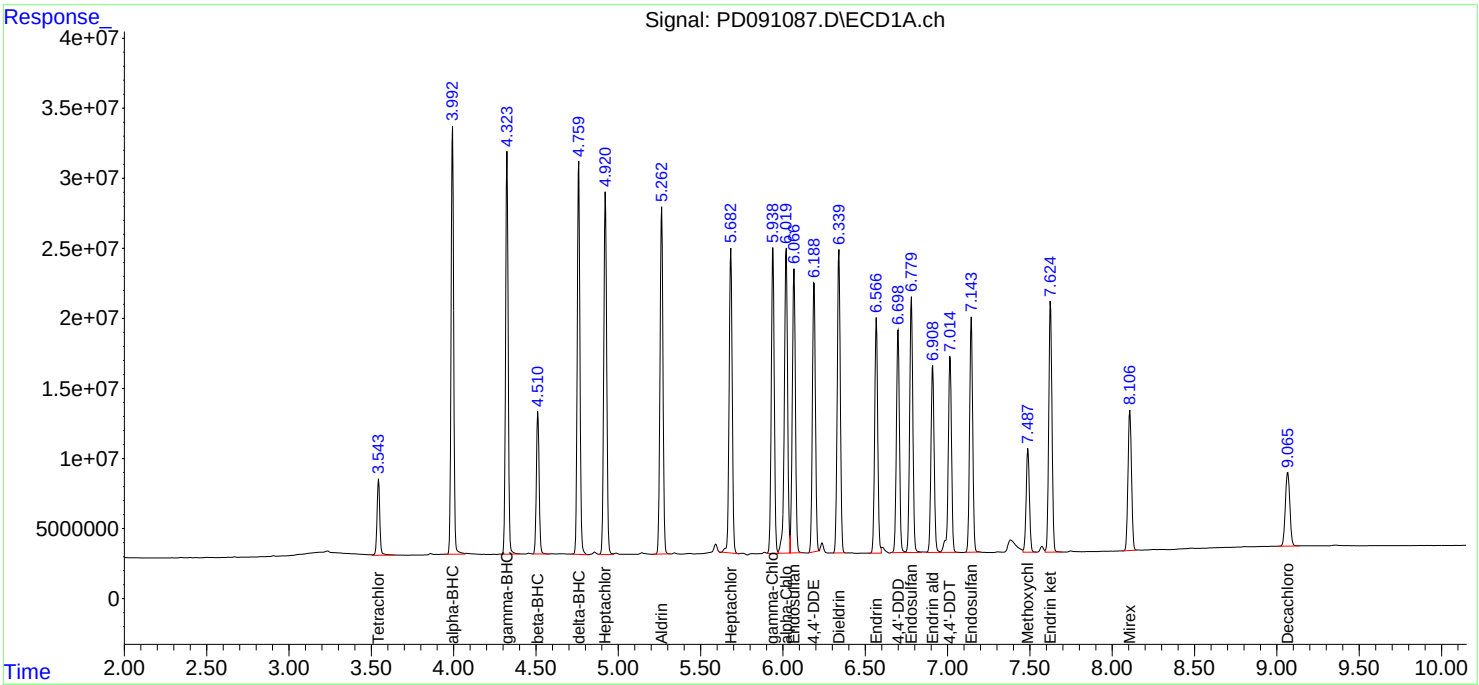
Instrument :
ECD_D
ClientSampleId :
PB170485BS

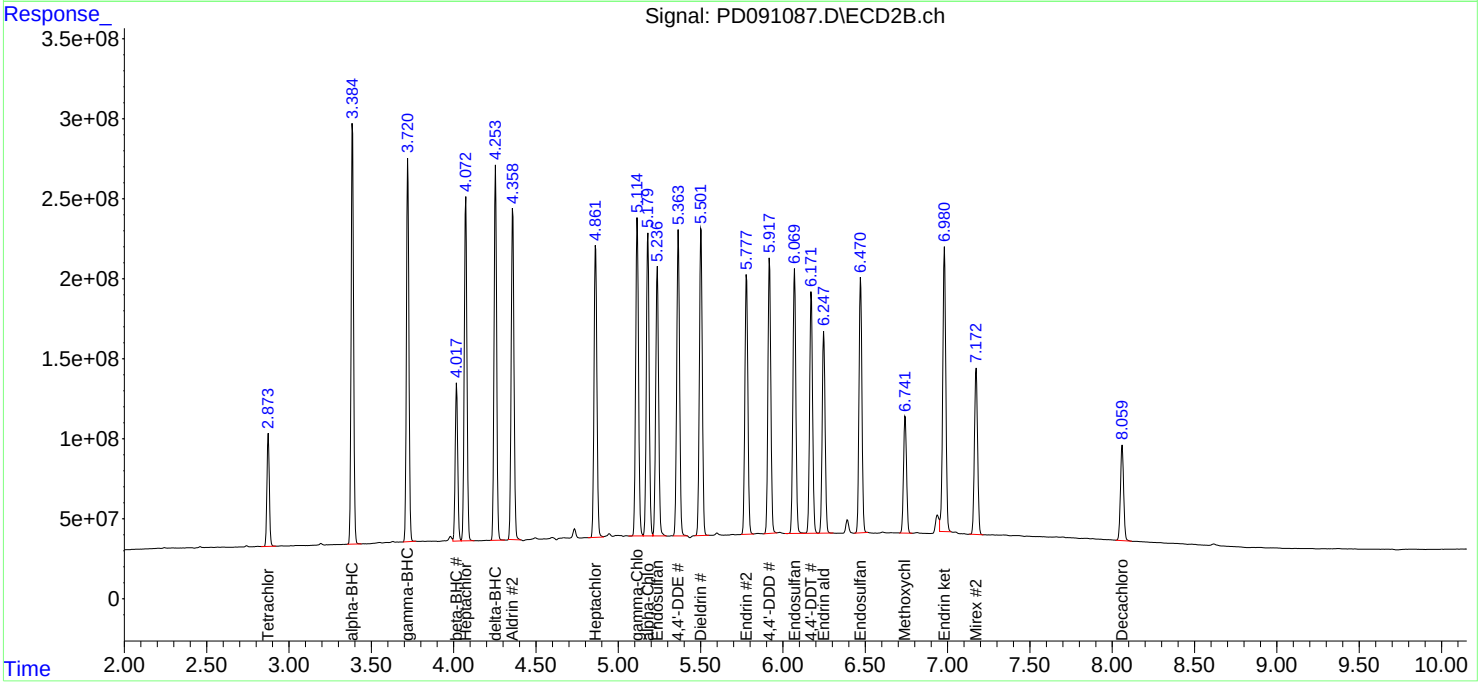
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091093.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170485BSD	SDG No.:	Q3584
Lab Sample ID:	PB170485BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.51		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/12/25 11:47	PB170485
319-86-8	delta-BHC	0.50		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
76-44-8	Heptachlor	0.55		1	0.0027	0.050	ug/L	11/12/25 11:47	PB170485
309-00-2	Aldrin	0.50		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
1024-57-3	Heptachlor epoxide	0.48		1	0.0096	0.050	ug/L	11/12/25 11:47	PB170485
959-98-8	Endosulfan I	0.48		1	0.0031	0.050	ug/L	11/12/25 11:47	PB170485
60-57-1	Dieldrin	0.48		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
72-55-9	4,4-DDE	0.48		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
72-20-8	Endrin	0.46		1	0.0032	0.050	ug/L	11/12/25 11:47	PB170485
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/12/25 11:47	PB170485
72-54-8	4,4-DDD	0.50		1	0.0071	0.050	ug/L	11/12/25 11:47	PB170485
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
50-29-3	4,4-DDT	0.47		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
72-43-5	Methoxychlor	0.45		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
53494-70-5	Endrin ketone	0.49		1	0.0093	0.050	ug/L	11/12/25 11:47	PB170485
7421-93-4	Endrin aldehyde	0.48		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
5103-71-9	alpha-Chlordane	0.48		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
5103-74-2	gamma-Chlordane	0.49		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 11:47	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.7			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.1			30 (41) - 150 (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\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 12:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	61905958	686.3E6	19.879	23.048
28)	SA Decachlor...	9.064	8.060	81677694	627.4E6	17.460m	20.711
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	334.3E6	2609.8E6	46.585	51.076
3)	MA gamma-BHC...	4.324	3.721	312.5E6	2398.8E6	45.971	50.770
4)	MA Heptachlor	4.922	4.073	305.5E6	2306.0E6	54.659	51.701
5)	MB Aldrin	5.263	4.359	294.9E6	2313.3E6	45.046	49.942
6)	B beta-BHC	4.512	4.018	116.6E6	982.1E6	44.503	49.525
7)	B delta-BHC	4.760	4.254	312.2E6	2394.7E6	46.166	50.185
8)	B Heptachlo...	5.684	4.863	261.0E6	2031.7E6	45.090	47.649
9)	A Endosulfan I	6.068	5.237	247.0E6	1902.0E6	44.604	48.286
10)	B gamma-Chl...	5.939	5.115	266.0E6	2185.0E6	44.849	48.611
11)	B alpha-Chl...	6.020	5.180	266.5E6	2088.8E6	43.127	48.421
12)	B 4,4'-DDE	6.189	5.364	230.9E6	2123.3E6	43.352	48.435
13)	MA Dieldrin	6.341	5.503	248.9E6	2105.6E6	42.675	47.654
14)	MA Endrin	6.568	5.780	204.8E6	1843.3E6	41.344	45.520
15)	B Endosulfa...	6.781	6.071	219.4E6	1819.8E6	43.877	48.457
16)	A 4,4'-DDD	6.700	5.919	192.5E6	1812.2E6	47.486	49.735
17)	MA 4,4'-DDT	7.016	6.173	184.8E6	1636.1E6	44.968	46.647
18)	B Endrin al...	6.910	6.249	167.0E6	1331.0E6	45.584	48.063
19)	B Endosulfa...	7.144	6.472	203.6E6	1661.2E6	43.905	46.343
20)	A Methoxychlor	7.487	6.743	93716063	791.5E6	44.090m	45.419
21)	B Endrin ke...	7.625	6.982	225.8E6	1838.9E6	46.465	48.754
22)	Mirex	8.106	7.174	144.7E6	1162.5E6	45.197m	45.250

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

Sample Results: **PD091093.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

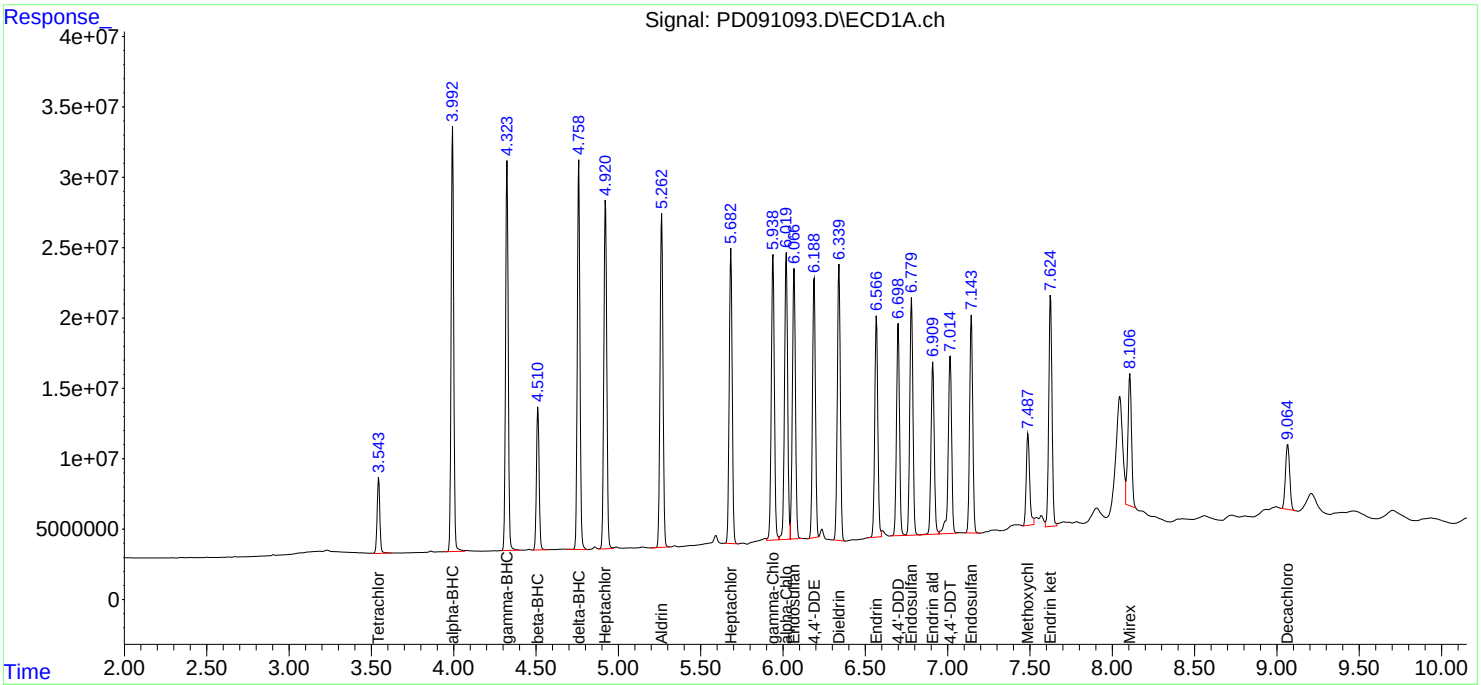
Instrument :
ECD_D
ClientSampleId :
PB170485BSD

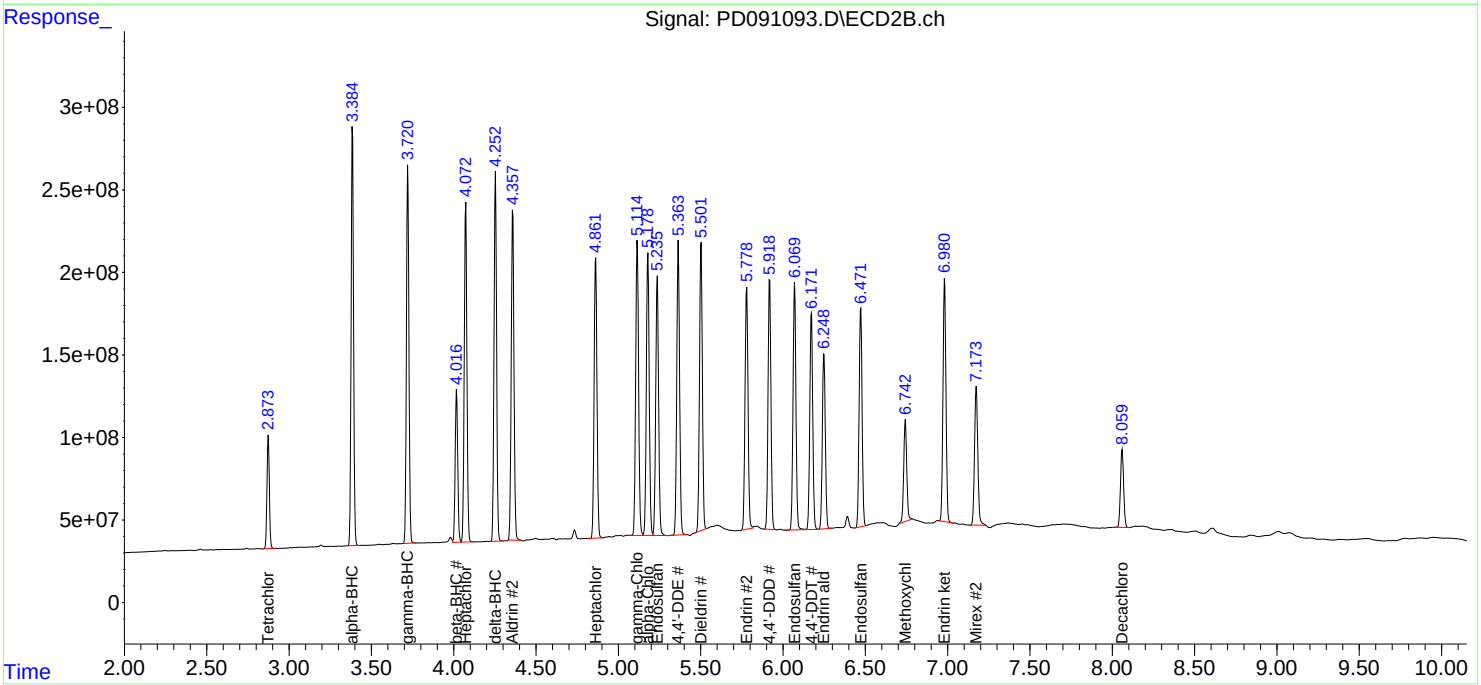
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 12:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170485BS	PD091087.D	Endrin ketone #2	rahul	11/13/2025 11:01:32 AM	yogesh	11/13/2025 1:17:40	Peak Integrated by Software
PB170485BSD	PD091093.D	Decachlorobiphenyl	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Methoxychlor	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Mirex	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
Q3584-01	PD091096.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:31 PM	Sohil	11/14/2025 4:16:30	Peak Integrated by Software
Q3584-02	PD091098.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:35 PM	Sohil	11/14/2025 4:16:35	Peak Integrated by Software
Q3584-03	PD091100.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:38 PM	Sohil	11/14/2025 4:16:40	Peak Integrated by Software
PEM	PD091105.D	4,4"-DDE	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software
PEM	PD091105.D	Endrin aldehyde #2	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software
Q3584-07	PD091124.D	Decachlorobiphenyl	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software
Q3584-07	PD091124.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software
Q3584-07	PD091124.D	Tetrachloro-m-xylene #2	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

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

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091080.D	12 Nov 2025 08:48	AR\AJ	Ok
2	I.BLK	PD091081.D	12 Nov 2025 09:01	AR\AJ	Ok
3	PEM	PD091082.D	12 Nov 2025 09:15	AR\AJ	Ok
4	PSTDCCC050	PD091083.D	12 Nov 2025 09:28	AR\AJ	Ok
5	PB170476BL	PD091084.D	12 Nov 2025 09:44	AR\AJ	Ok
6	PB170476BS	PD091085.D	12 Nov 2025 09:57	AR\AJ	Ok,M
7	PB170485BL	PD091086.D	12 Nov 2025 10:11	AR\AJ	Ok
8	PB170485BS	PD091087.D	12 Nov 2025 10:25	AR\AJ	Ok,M
9	PB1701485BSD	PD091088.D	12 Nov 2025 10:38	AR\AJ	Ok,M
10	Q3593-04	PD091089.D	12 Nov 2025 10:52	AR\AJ	Ok
11	Q3593-06	PD091090.D	12 Nov 2025 11:06	AR\AJ	Ok
12	Q3593-08	PD091091.D	12 Nov 2025 11:19	AR\AJ	Ok
13	Q3593-10	PD091092.D	12 Nov 2025 11:33	AR\AJ	Not Ok
14	PB170485BSD	PD091093.D	12 Nov 2025 11:47	AR\AJ	Ok,M
15	Q3569-01	PD091094.D	12 Nov 2025 12:00	AR\AJ	Ok,M
16	Q3569-02	PD091095.D	12 Nov 2025 12:14	AR\AJ	Ok
17	Q3584-01	PD091096.D	12 Nov 2025 12:28	AR\AJ	Ok,M
18	Q3593-10DL	PD091097.D	12 Nov 2025 12:42	AR\AJ	Not Ok
19	Q3584-02	PD091098.D	12 Nov 2025 12:55	AR\AJ	Ok,M
20	Q3593-10	PD091099.D	12 Nov 2025 13:09	AR\AJ	Dilution
21	Q3584-03	PD091100.D	12 Nov 2025 13:22	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3593-10DL	PD091101.D	12 Nov 2025 13:36	AR\AJ	Ok,M
23	Q3584-04	PD091102.D	12 Nov 2025 13:50	AR\AJ	Ok
24	Q3584-05	PD091103.D	12 Nov 2025 14:03	AR\AJ	Ok
25	I.BLK	PD091104.D	12 Nov 2025 14:17	AR\AJ	Ok
26	PEM	PD091105.D	12 Nov 2025 14:31	AR\AJ	Ok,M
27	PSTDCCC050	PD091106.D	12 Nov 2025 14:44	AR\AJ	Ok
28	PB170506BL	PD091107.D	12 Nov 2025 14:58	AR\AJ	Ok
29	PB170506BS	PD091108.D	12 Nov 2025 15:12	AR\AJ	Not Ok
30	Q3597-01	PD091109.D	12 Nov 2025 15:26	AR\AJ	Ok,M
31	Q3597-01MS	PD091110.D	12 Nov 2025 15:39	AR\AJ	Ok,M
32	Q3597-01MSD	PD091111.D	12 Nov 2025 15:53	AR\AJ	Ok,M
33	Q3597-04	PD091112.D	12 Nov 2025 16:07	AR\AJ	Ok,M
34	Q3597-07	PD091113.D	12 Nov 2025 16:20	AR\AJ	Ok,M
35	Q3597-10	PD091114.D	12 Nov 2025 16:34	AR\AJ	Ok,M
36	Q3598-01	PD091115.D	12 Nov 2025 16:47	AR\AJ	Ok,M
37	Q3600-01	PD091116.D	12 Nov 2025 17:01	AR\AJ	Ok
38	I.BLK	PD091117.D	12 Nov 2025 17:15	AR\AJ	Ok
39	PSTDCCC050	PD091118.D	12 Nov 2025 17:28	AR\AJ	Ok
40	Q3601-01	PD091119.D	12 Nov 2025 18:09	AR\AJ	Ok,M
41	Q3601-05	PD091120.D	12 Nov 2025 18:23	AR\AJ	Ok,M
42	Q3601-09	PD091121.D	12 Nov 2025 18:37	AR\AJ	Ok,M
43	Q3601-13	PD091122.D	12 Nov 2025 18:50	AR\AJ	Ok,M
44	Q3601-17	PD091123.D	12 Nov 2025 19:04	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3584-07	PD091124.D	12 Nov 2025 19:18	AR\AJ	Ok,M
46	Q3599-01	PD091125.D	12 Nov 2025 19:31	AR\AJ	Ok,M
47	Q3590-01	PD091126.D	12 Nov 2025 19:45	AR\AJ	Ok
48	Q3590-03	PD091127.D	12 Nov 2025 19:59	AR\AJ	Ok,M
49	Q3590-05	PD091128.D	12 Nov 2025 20:12	AR\AJ	Ok,M
50	I.BLK	PD091129.D	12 Nov 2025 20:53	AR\AJ	Ok
51	PSTDCCC050	PD091130.D	12 Nov 2025 21:07	AR\AJ	Ok
52	PB170498BL	PD091131.D	12 Nov 2025 21:48	AR\AJ	Ok
53	PB170498BS	PD091132.D	12 Nov 2025 22:02	AR\AJ	Ok
54	PB170493TB	PD091133.D	12 Nov 2025 22:15	AR\AJ	Ok
55	Q3604-01	PD091134.D	12 Nov 2025 22:29	AR\AJ	Ok,M
56	Q3604-01MS	PD091135.D	12 Nov 2025 22:43	AR\AJ	Ok
57	Q3604-01MSD	PD091136.D	12 Nov 2025 22:56	AR\AJ	Ok
58	Q3604-02	PD091137.D	12 Nov 2025 23:10	AR\AJ	Ok,M
59	I.BLK	PD091138.D	12 Nov 2025 23:24	AR\AJ	Ok
60	PSTDCCC050	PD091139.D	12 Nov 2025 23:37	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1M	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1M	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091080.D	12 Nov 2025 08:48		AR\AJ	Ok
2	I.BLK	I.BLK	PD091081.D	12 Nov 2025 09:01		AR\AJ	Ok
3	PEM	PEM	PD091082.D	12 Nov 2025 09:15		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091083.D	12 Nov 2025 09:28		AR\AJ	Ok
5	PB170476BL	PB170476BL	PD091084.D	12 Nov 2025 09:44		AR\AJ	Ok
6	PB170476BS	PB170476BS	PD091085.D	12 Nov 2025 09:57		AR\AJ	Ok,M
7	PB170485BL	PB170485BL	PD091086.D	12 Nov 2025 10:11		AR\AJ	Ok
8	PB170485BS	PB170485BS	PD091087.D	12 Nov 2025 10:25		AR\AJ	Ok,M
9	PB1701485BSD	PB1701485BSD	PD091088.D	12 Nov 2025 10:38		AR\AJ	Ok,M
10	Q3593-04	A-LAW-25-0167-0175-(	PD091089.D	12 Nov 2025 10:52		AR\AJ	Ok
11	Q3593-06	B-LAW-25-0167-0175-(	PD091090.D	12 Nov 2025 11:06		AR\AJ	Ok
12	Q3593-08	C-LAW-25-0156-0166-(	PD091091.D	12 Nov 2025 11:19	DCB high 1st column	AR\AJ	Ok
13	Q3593-10	D-LAW-25-0156-0166-(	PD091092.D	12 Nov 2025 11:33	Need 10X	AR\AJ	Not Ok
14	PB170485BSD	PB170485BSD	PD091093.D	12 Nov 2025 11:47		AR\AJ	Ok,M
15	Q3569-01	MW-2	PD091094.D	12 Nov 2025 12:00		AR\AJ	Ok,M
16	Q3569-02	MW-12	PD091095.D	12 Nov 2025 12:14		AR\AJ	Ok
17	Q3584-01	SW-1	PD091096.D	12 Nov 2025 12:28		AR\AJ	Ok,M
18	Q3593-10DL	D-LAW-25-0156-0166-(	PD091097.D	12 Nov 2025 12:42		AR\AJ	Not Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3584-02	SW-2	PD091098.D	12 Nov 2025 12:55		AR\AJ	Ok,M
20	Q3593-10	D-LAW-25-0156-0166-(	PD091099.D	12 Nov 2025 13:09	Need 10X	AR\AJ	Dilution
21	Q3584-03	SW-3	PD091100.D	12 Nov 2025 13:22		AR\AJ	Ok,M
22	Q3593-10DL	D-LAW-25-0156-0166-(	PD091101.D	12 Nov 2025 13:36		AR\AJ	Ok,M
23	Q3584-04	EB-2	PD091102.D	12 Nov 2025 13:50		AR\AJ	Ok
24	Q3584-05	FB-2	PD091103.D	12 Nov 2025 14:03		AR\AJ	Ok
25	I.BLK	I.BLK	PD091104.D	12 Nov 2025 14:17		AR\AJ	Ok
26	PEM	PEM	PD091105.D	12 Nov 2025 14:31		AR\AJ	Ok,M
27	PSTDCCC050	PSTDCCC050	PD091106.D	12 Nov 2025 14:44		AR\AJ	Ok
28	PB170506BL	PB170506BL	PD091107.D	12 Nov 2025 14:58		AR\AJ	Ok
29	PB170506BS	PB170506BS	PD091108.D	12 Nov 2025 15:12	surrogate fail and recovery fail & Heptachlor	AR\AJ	Not Ok
30	Q3597-01	TP-1	PD091109.D	12 Nov 2025 15:26		AR\AJ	Ok,M
31	Q3597-01MS	TP-1MS	PD091110.D	12 Nov 2025 15:39		AR\AJ	Ok,M
32	Q3597-01MSD	TP-1MSD	PD091111.D	12 Nov 2025 15:53		AR\AJ	Ok,M
33	Q3597-04	TP-2	PD091112.D	12 Nov 2025 16:07		AR\AJ	Ok,M
34	Q3597-07	TP-3	PD091113.D	12 Nov 2025 16:20		AR\AJ	Ok,M
35	Q3597-10	TP-4	PD091114.D	12 Nov 2025 16:34		AR\AJ	Ok,M
36	Q3598-01	EO-CONCRETE	PD091115.D	12 Nov 2025 16:47		AR\AJ	Ok,M
37	Q3600-01	CENTRAL-ROW-CONC	PD091116.D	12 Nov 2025 17:01		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	I.BLK	I.BLK	PD091117.D	12 Nov 2025 17:15		AR\AJ	Ok
39	PSTDCCC050	PSTDCCC050	PD091118.D	12 Nov 2025 17:28		AR\AJ	Ok
40	Q3601-01	TP-1	PD091119.D	12 Nov 2025 18:09		AR\AJ	Ok,M
41	Q3601-05	TP-2	PD091120.D	12 Nov 2025 18:23		AR\AJ	Ok,M
42	Q3601-09	TP-3	PD091121.D	12 Nov 2025 18:37		AR\AJ	Ok,M
43	Q3601-13	TP-4	PD091122.D	12 Nov 2025 18:50		AR\AJ	Ok,M
44	Q3601-17	TP-5	PD091123.D	12 Nov 2025 19:04		AR\AJ	Ok,M
45	Q3584-07	SEEP-1	PD091124.D	12 Nov 2025 19:18		AR\AJ	Ok,M
46	Q3599-01	LIVINGSTON-SOIL	PD091125.D	12 Nov 2025 19:31		AR\AJ	Ok,M
47	Q3590-01	MOO-25-0314-0316-C(	PD091126.D	12 Nov 2025 19:45		AR\AJ	Ok
48	Q3590-03	MOO-25-0317-0318-C(	PD091127.D	12 Nov 2025 19:59		AR\AJ	Ok,M
49	Q3590-05	MOO-25-0319	PD091128.D	12 Nov 2025 20:12		AR\AJ	Ok,M
50	I.BLK	I.BLK	PD091129.D	12 Nov 2025 20:53		AR\AJ	Ok
51	PSTDCCC050	PSTDCCC050	PD091130.D	12 Nov 2025 21:07		AR\AJ	Ok
52	PB170498BL	PB170498BL	PD091131.D	12 Nov 2025 21:48		AR\AJ	Ok
53	PB170498BS	PB170498BS	PD091132.D	12 Nov 2025 22:02		AR\AJ	Ok
54	PB170493TB	PB170493TB	PD091133.D	12 Nov 2025 22:15		AR\AJ	Ok
55	Q3604-01	S-1	PD091134.D	12 Nov 2025 22:29		AR\AJ	Ok,M
56	Q3604-01MS	S-1MS	PD091135.D	12 Nov 2025 22:43		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	Q3604-01MSD	S-1MSD	PD091136.D	12 Nov 2025 22:56		AR\AJ	Ok
58	Q3604-02	S-2	PD091137.D	12 Nov 2025 23:10		AR\AJ	Ok,M
59	I.BLK	I.BLK	PD091138.D	12 Nov 2025 23:24		AR\AJ	Ok
60	PSTDCCC050	PSTDCCC050	PD091139.D	12 Nov 2025 23:37		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170485

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

Clean Up SOP #: Florisil

Extraction Start Date : 11/11/2025

Matrix : Water

Extraction Start Time : 09:20

Weigh By: N/A

Extraction By: RS

Extraction End Date : 11/11/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 14:00

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3953

Hood ID: 4,6,7

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721. Q3569 all samples & Q3584-04,05 split the volume.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext-lab)	Y-P. PestPCB.
14:05	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170485

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

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170485BL	PBLK485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170485BS	PLCS485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170485BSD	PLCSD485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3569-01	MW-2	Pesticide-TCL	485	6	RUPESH	ritesh	5	L		4
Q3569-02	MW-12	Pesticide-TCL	475	6	RUPESH	ritesh	5	L		5
Q3584-01	SW-1	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		6
Q3584-02	SW-2	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		7
Q3584-03	SW-3	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		8
Q3584-04	EB-2	Pesticide-TCL	480	6	RUPESH	ritesh	5	G		9
Q3584-05	FB-2	Pesticide-TCL	490	6	RUPESH	ritesh	5	F		10
Q3584-07	SEEP-1	Pesticide-TCL	990	6	RUPESH	ritesh	10	O		11

RS 11/11

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

170485
9:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3584 **WorkList ID :** 193040 **Department :** Extraction **Date :** 11-11-2025 08:43:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3569-02	MW-12	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3584-01	SW-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-02	SW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02		11/07/2025	8081B
Q3584-03	SW-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-04	EB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-05	FB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-07	SEEP-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B

Date/Time 11/11/25 9:15
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 10:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3584

Test : Pesticide-TCL

Prepbatch ID : PB170485,

Sequence ID/Qc Batch ID: PD111225,

Standard ID :
EP2644,EP2655,PP24651,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24942,SP24663,

Chemical ID :
E3875,E3941,E3955,E3956,E3971,E3972,E3976,E3980,E3981,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13780,P13788,P13862,P9053,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1215	FLOROSIL CLEAN UP-WASHING SOLN	EP2644	09/18/2025	03/18/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/18/2025

FROM 100.00000ml of E3972 + 900.00000ml of E3971 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3663	20 PPM MIREX Stock STD (Secondary source)	PP24741	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13196 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24742	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13788 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24745	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

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

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
758	PEM Mix w/Surr	PP24942	09/24/2025	03/24/2026	Abdul Mirza	None	None	Yogesh Patel 10/10/2025

FROM 1.00000ml of P13780 + 99.00000ml of E3971 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

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

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

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

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agela Technologies Inc.	FS0006 / Cleanert Florisil cartridge	M07456	04/03/2026	10/03/2025 / Evelyn	10/03/2025 / Evelyn	E3976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/30/2026	10/27/2025 / RUPESH	10/22/2025 / RUPESH	E3981

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

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

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

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

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

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

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32074 / Pesticide Performance Evaluation Mix w/Surrogate	A0213999	03/24/2026	09/24/2025 / Abdul	11/19/2024 / Ankita	P13780

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

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

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

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

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

E 3875

Certificate of Analysis

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

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

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

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

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

Harout Sahagian - Quality Control Manager - Fair Lawn

Recd. by RI on 6/11/25

E3941

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

Recieved on 7/16/25

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

E 3955

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

avantor™ | J.T.Baker

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

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

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

Recieved on 7/16/25

E3956

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker

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

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

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

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

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

E3972

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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


Cleanert Florisil
1g/6ml 30/pkg
固相萃取产品
LOT#:M07456
MFG#:G02147
Made in China
CAT#FS0006
Agela Technologies
E3976

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

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

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

Rec. on 6/10/25 PJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	4
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

Recieved on 10/22/25

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

E3981

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

P130397 } 5
↓
P130431

Catalog No. : 32291 **Lot No.:** A0199099

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

12.26.2023

CERTIFIED VALUES

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

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

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

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

P 13039 5
↓
P 13043 1
12/26/23

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

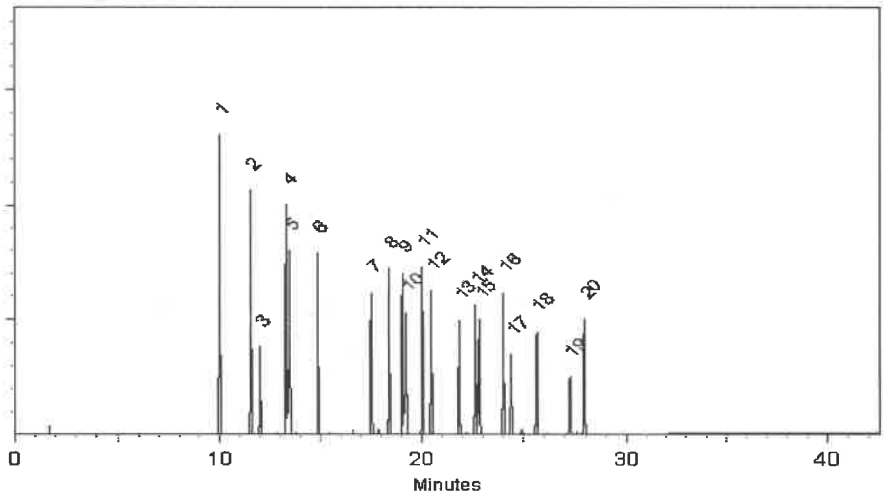
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

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

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CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

Solvent(s): Acetone **Lot#** 81025

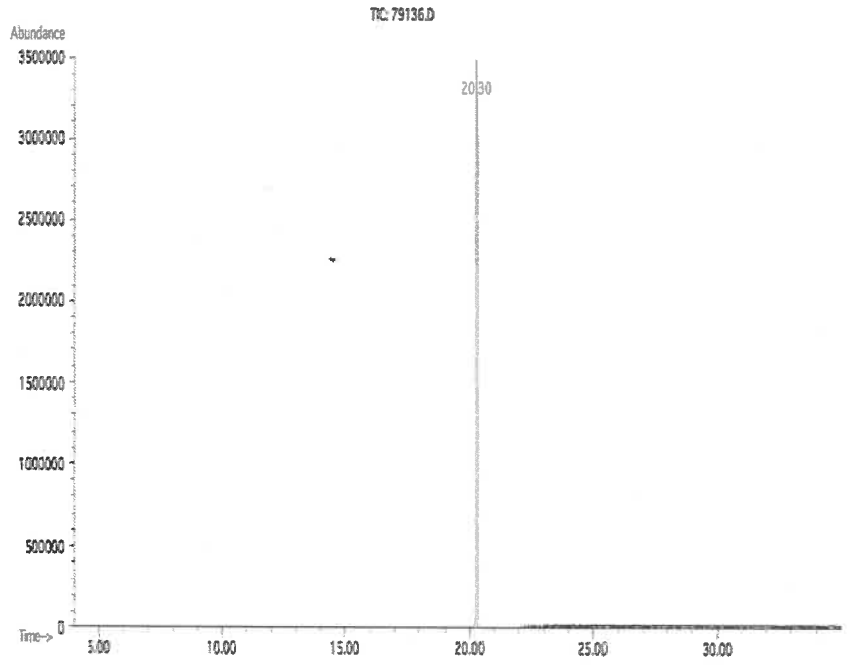
Expiration Date: 042027
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.006 Flask Uncertainty

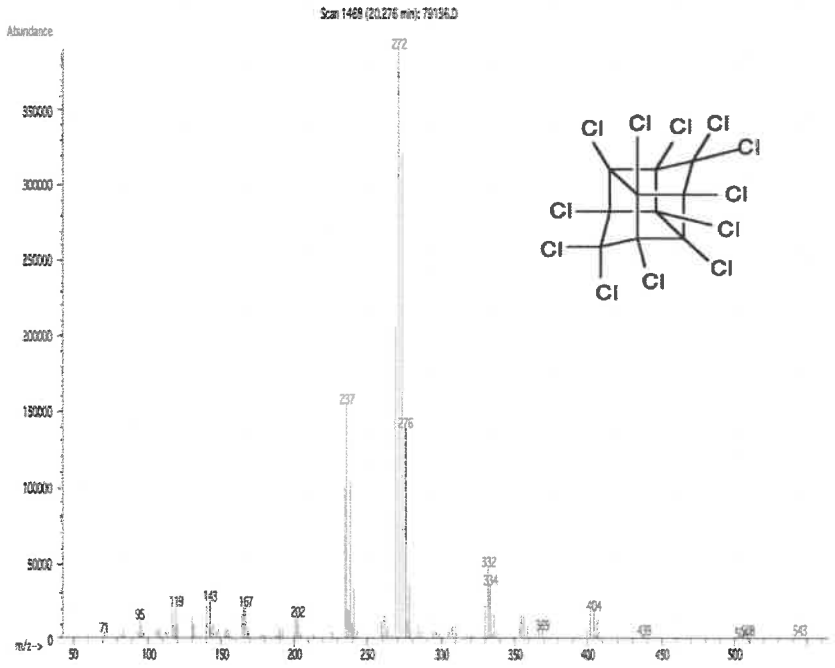
Prashant Chauhan 042022
Formulated By: Prashant Chauhan DATE

Pedro Rentas 042022
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Mirex	437	9492400	1000	99.4	0.5	0.05034	0.05040	1001.1	10.3	2385-85-5	N/A	orl-rat 306mg/kg

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





P13195
↓
P13199
↓
(5)
|

01/17/2024

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

P13195

↓

P13199

5

01/17/2024

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

P12603 (3)
↓
P12605
7/3/2023

Catalog No. : 32021 **Lot No.:** A0197993

Description : Chlordane Standard

Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

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

Expiration Date : August 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

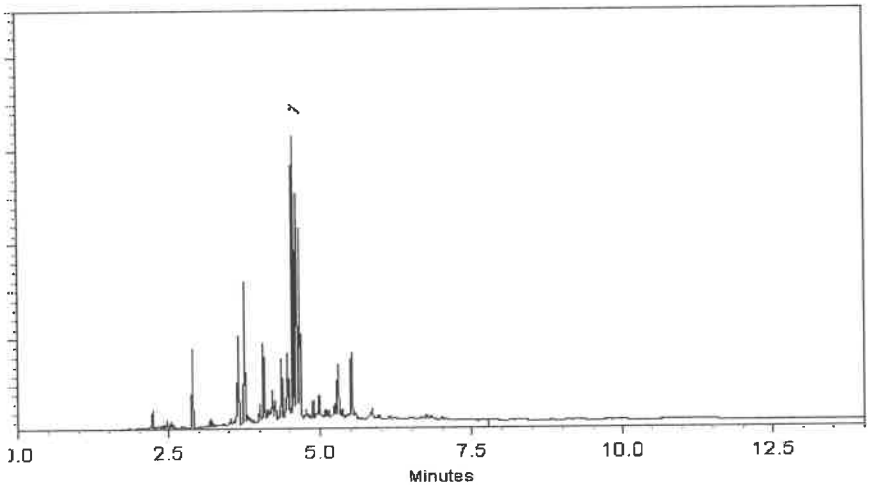
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P12603 & P12605 (3)

7/3/2023

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32021 **Lot No.:** A0197993

Description : Chlordane Standard

Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

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

Expiration Date : August 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

P12606 → P12610 (5 Five) 7/3/2023

CERTIFIED VALUES

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

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

Solvent: Hexane

CAS # 110-54-3

Purity 99%

Tech Tips:

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

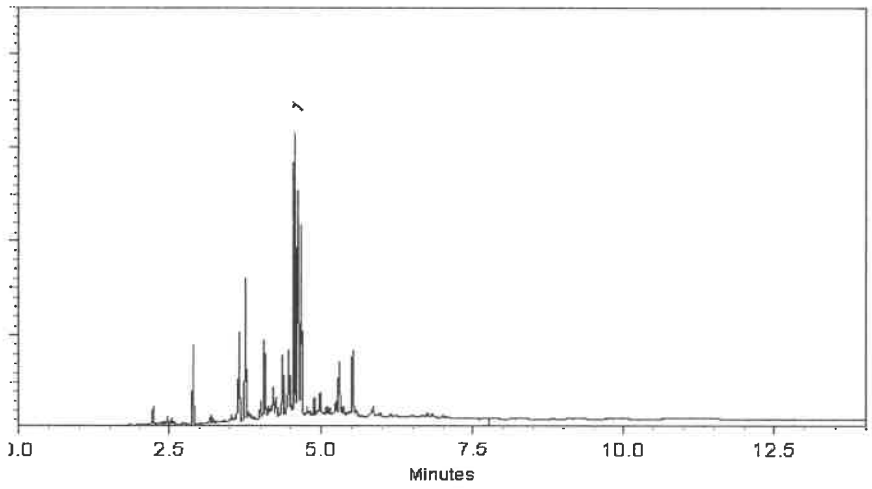
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12606 → P 12610

7/3/2023

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

P 13034 ↓ P 13038 5

12.26.2023

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

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

P13034) 5
↓
P13038 1

12/26/2023

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

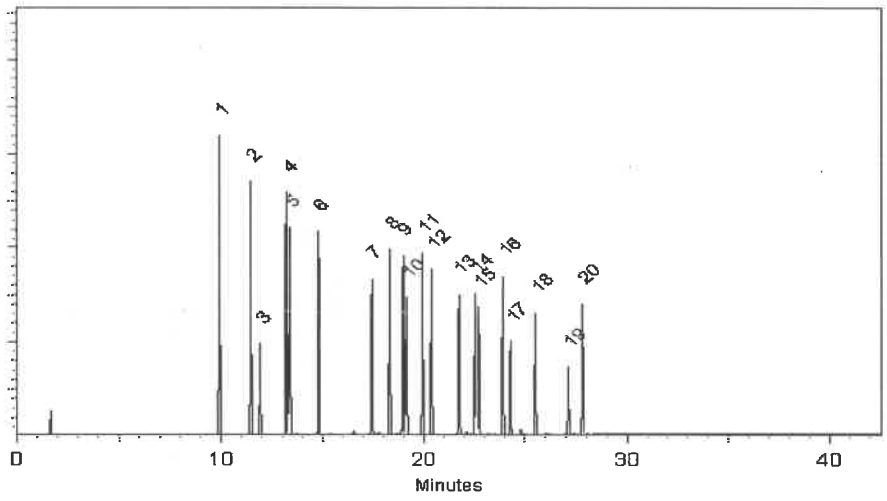
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

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

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CERTIFIED WEIGHT REPORT

Part Number: 19161
Lot Number: 013124
Description: CLP Pesticides & PCB's Resolution Check Standard
9 components

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

Expiration Date: 013129
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 100.0 ± 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	013124 DATE
Reviewed By:	Pedro L. Rentas	013124 DATE

	Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(ug/mL)	Final Conc.(ug/mL)	Expanded Uncertainty (+/-) µg/mL	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	orl-rat 500mg/kg
2.	Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	orl-rat 18mg/kg
3.	4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	orl-rat 880mg/kg
4.	Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	orl-rat 38300ug/kg
5.	Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	orl-rat 18mg/kg
6.	Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7.	4,4'-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	orl-rat 6000mg/kg
8.	2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9.	Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

P13243 } (5)
thru
P13247

02/9/2024

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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

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

Description : Toxaphene Standard

Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

P13773
↓
P13779
AT
11/19/24

05-06-2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

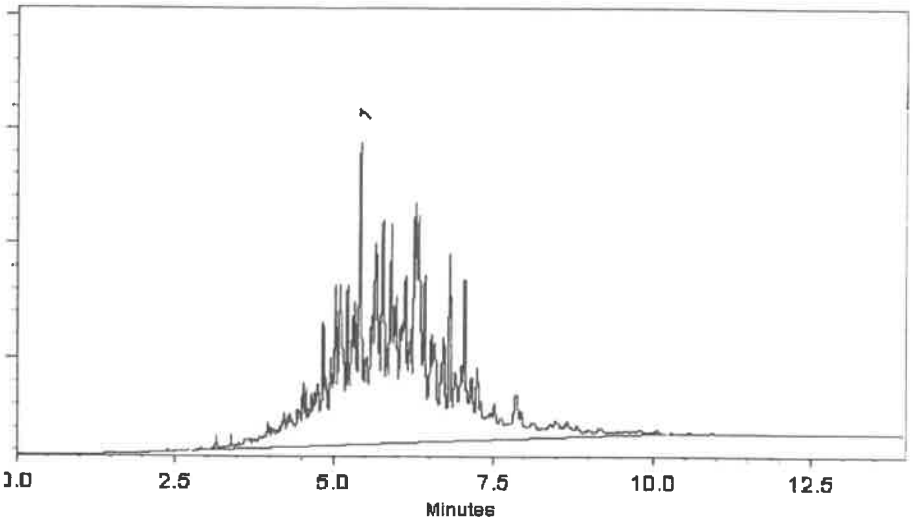
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Dakota Parson - Operations Technician I **Date Mixed:** 10-Oct-2023 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 16-Oct-2023

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

P13380 (2)

P13389

P13773 → P13779

AJ 11/19/24

05-06-2024

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32074 **Lot No.:** A0213999

Description : Pesticide Performance Eval Mix w/Surrogate

Performance Evaluation Std. 3/90 SOW w/surrogates 1-25µg/mL, Hexane, 1mL/ampul

P13760 ↓ P13784 AJ 11/19/24

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

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

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	2.0 µg/mL	+/- 0.1506
2	alpha-BHC	319-84-6	15279000	99%	1.0 µg/mL	+/- 0.0749
3	gamma-BHC (Lindane)	58-89-9	14931300	97%	1.0 µg/mL	+/- 0.0756
4	beta-BHC	319-85-7	BCCC6425	99%	1.0 µg/mL	+/- 0.0749
5	Endrin	72-20-8	15076100	98%	5.0 µg/mL	+/- 0.3769
6	4,4'-DDT	50-29-3	231103JLM	97%	10.0 µg/mL	+/- 0.7512
7	Methoxychlor	72-43-5	14979500	98%	24.8 µg/mL	+/- 1.8543
8	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	2.0 µg/mL	+/- 0.1513

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

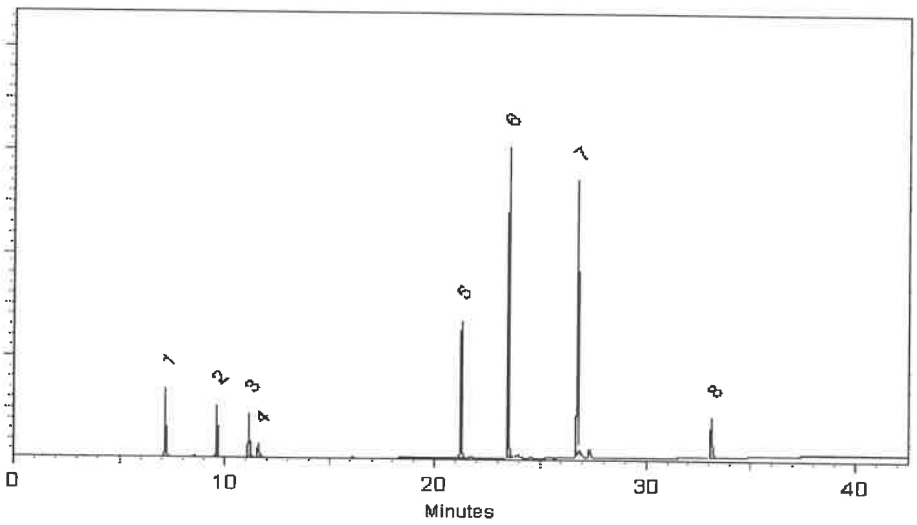
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Jul-2024

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

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Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

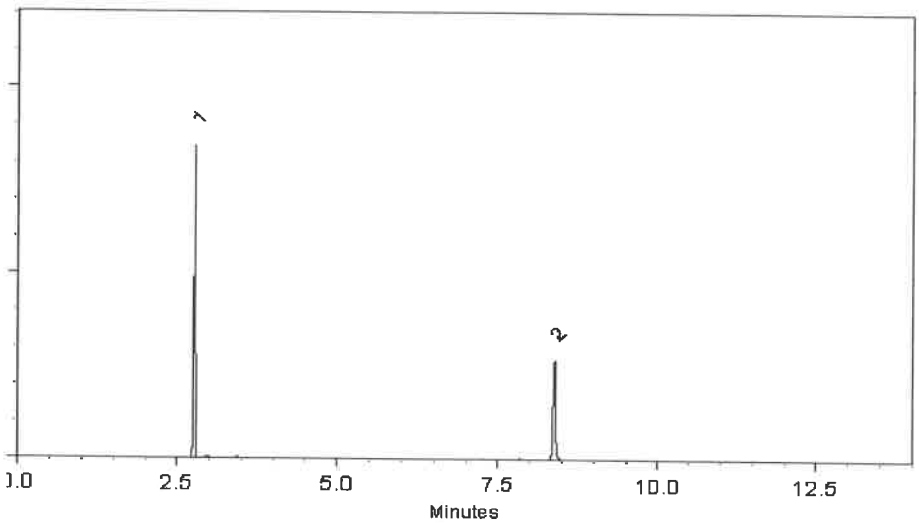
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Aaron Enyart - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

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Catalog No. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard

Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

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

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

P13861
P13862 (2)

12/9/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

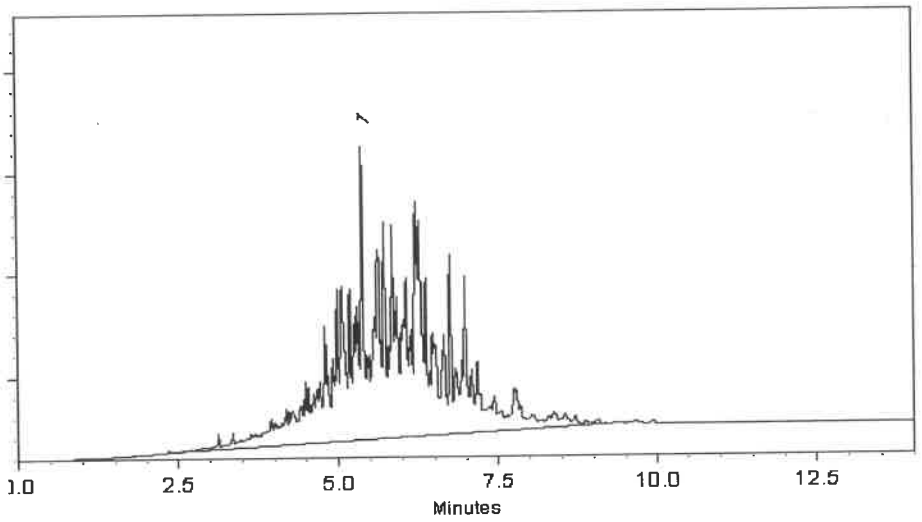
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

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

P13861 } (2
P13862 }

12/9/2024

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ISO 17034 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT

Part Number: 72072
Lot Number: 112018
Description: n-Tetracosane-d50

Expiration Date: 112028
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 2684186
Weight(s) shown below were combined and diluted to (mL): 200.0

Solvent(s): **Lot#**
Methylene chloride 102669

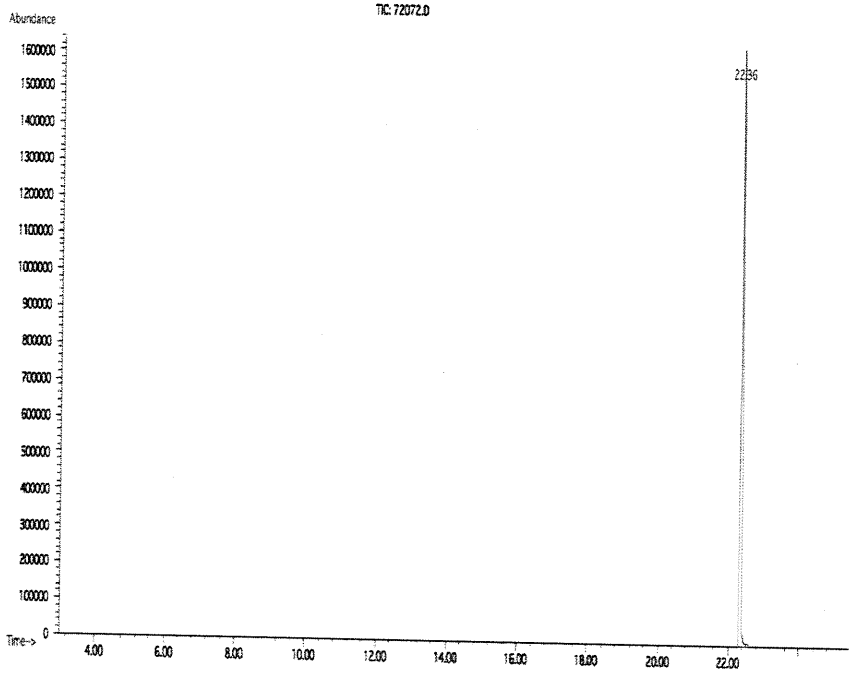
Received by SG on 11/1/19
P9044 - P9053

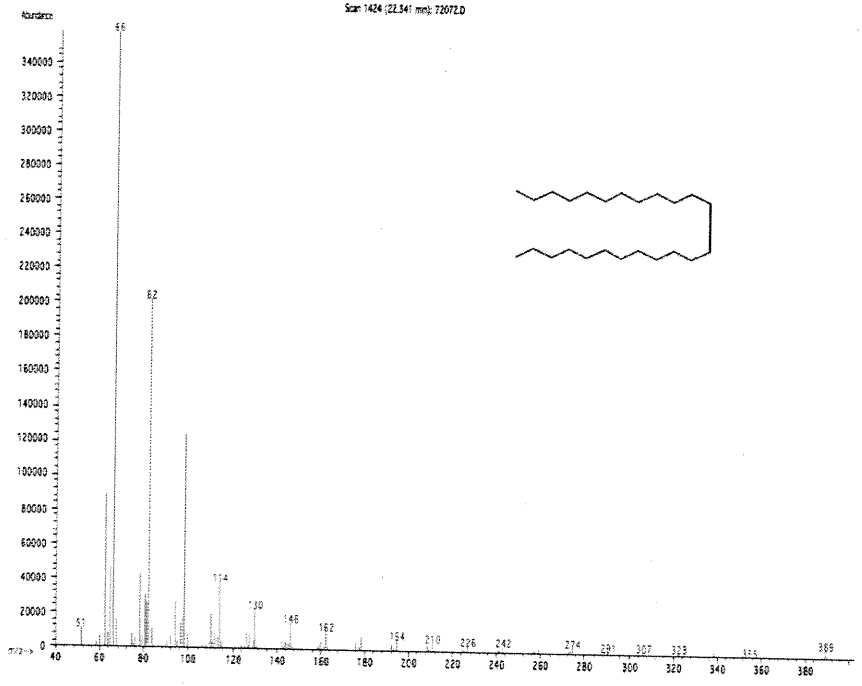
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	112018 DATE
Reviewed By:	Pedro Rentas	112018 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	16416-32-3	N/A	N/A

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.





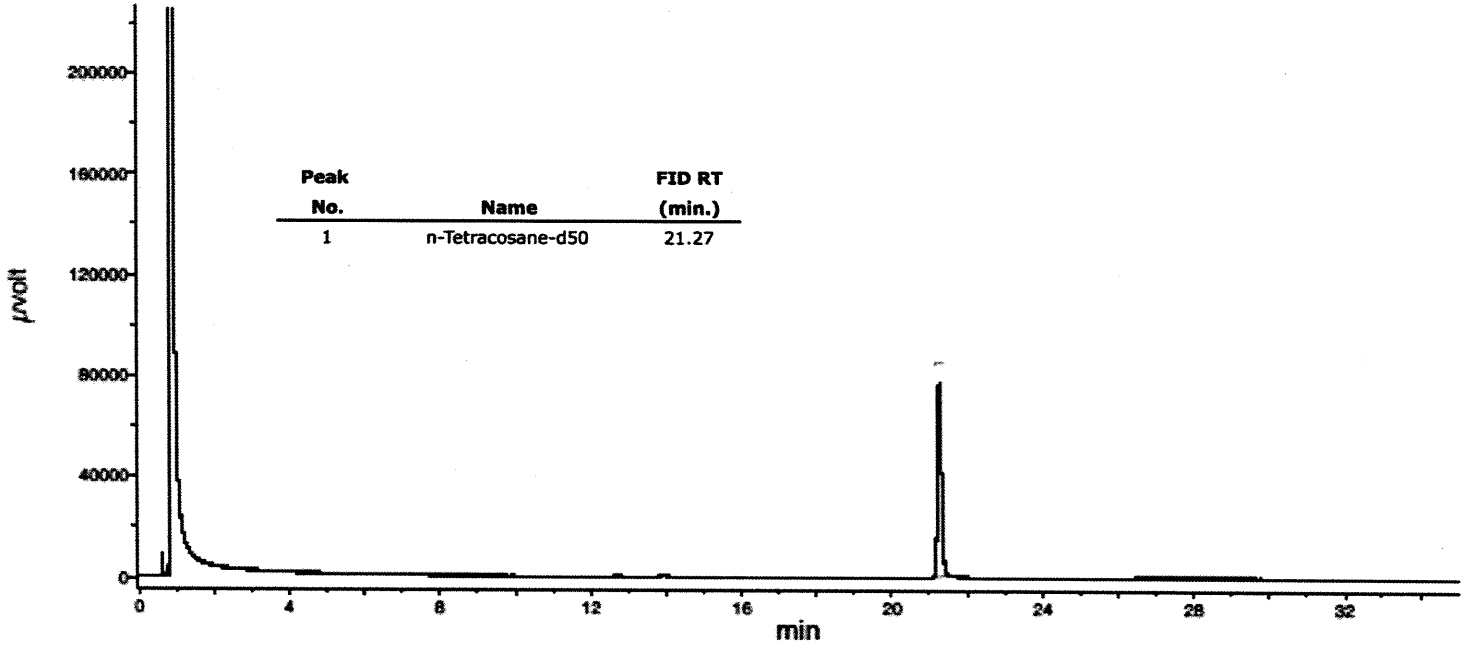
- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Thu, Nov 22, 2018 at 7:23:18 AM.
Sampled: Sequence "112018-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 3



Peak No.	Name	FID RT (min.)
1	n-Tetracosane-d50	21.27

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3584
COC Number 2046944

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Remington & Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP 08003
ATTENTION: Kyle.Carlson@Ne.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill
PROJECT NO.: 120STOO7 LOCATION: Edison, NJ
PROJECT MANAGER: Leslie Hartzell
e-mail: Leslie.Hartzell@Ne.com
PHONE: 610-663-4647 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvoice@Ne.com PO#: 120STOO7
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP 08003
ATTENTION: Leslie Hartzell PHONE: 610-663-4647

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 TCL/TAL+30 · 2 EPH · 3 VOCs · 4 Hexchrome · 5 TAL Metals (Mercury) · 6 Cyanide · 7 COD · 8 TKN · 9 Oil & Grease

PRESERVATIVES

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								E	A	A	F	B	D	C	C	C	
1.	SW-1	SW		X	11/6/25	14:15	15	7	1	2	1	1	1	1	1		
2.	SW-2	SW		X	11/7/25	8:30	15	7	1	2	1	1	1	1	1		
3.	SW-3	SW		X	11/7/25	8:15	15	7	1	2	1	1	1	1	1		
4.	EB-2	GW		X	11/6/25	15:25	8	3		2	1	1	1				equipment blank
5.	FB-2	GW		X	11/7/25	8:55	11	3		5	1	1	1				field blank
6.	TB-3	GW		X	11/7/25	8:00	2			2							trip blank
7.	SEEP-1	GW		X	11/7/25	10:40	15	7		2	1	1	1	1	1	1	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1: Arina Maier	11/7/25 (1000)	1.
2.	DATE/TIME: 1425 11-7-25	2. IT
3. IT	DATE/TIME: 1720 11.7.25	3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 +0 = 3.5 °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584 REMI02
Client Name : Remington & Vernick Engi
Client Contact : Kyle Carlson
Invoice Name : Remington & Vernick Engi
Invoice Contact : Kyle Carlson

Order Date : 11/7/2025 3:17:00 PM
Project Name : Edison Landfill
Receive DateTime : 11/7/2025 ~~12:00:00 AM~~ 17:20
Purchase Order :

Project Mgr : Yazmeen
Report Type : NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff : 11/7/2025 4:43:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3584-01	SW-1	Water	11/06/2025	14:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-02	SW-2	Water	11/07/2025	08:30					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-03	SW-3	Water	11/07/2025	08:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-04	EB-2	Water	11/06/2025	15:25					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-05	FB-2	Water	11/07/2025	08:55					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-06	TB-3	Water	11/07/2025	08:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-07	SEEP-1	Water	11/07/2025	10:40					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days

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

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LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Stored in VOA
Ref # 04

Relinguished By :
Date / Time : 11/10/25 10:35

Received By :
Date / Time : 11/10/25 10:35

Storage Area : VOA Refridgerator Room