

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	Q3662	OrderDate:	11/18/2025 11:14:00 AM
Client:	HDR, Inc.	Project:	PVWC Linear Construction
Contact:	Andrew Wadden	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3662-02	B3-0.0-1.0-20251117	SOIL			11/17/25			11/18/25
			PCB	8082A		11/19/25	11/19/25	
			Pesticide-TCL	8081B		11/19/25	11/19/25	
Q3662-04	B1-0.0-1.0-20251117	SOIL			11/17/25			11/18/25
			PCB	8082A		11/19/25	11/19/25	
			Pesticide-TCL	8081B		11/19/25	11/19/25	
			EPH_NF	NJEPH		11/19/25	11/19/25	

Hit Summary Sheet
SW-846

SDG No.: Q3662

Order ID: Q3662

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B3-0.0-1.0-20251117								
Q3662-02	B3-0.0-1.0-20251117	SOIL	4,4-DDE	0.36	J	0.17	2.00	ug/kg
Q3662-02	B3-0.0-1.0-20251117	SOIL	4,4-DDT	0.79	JP	0.17	2.00	ug/kg
Total Concentration:				1.150				
Client ID : B1-0.0-1.0-20251117								
Q3662-04	B1-0.0-1.0-20251117	SOIL	4,4-DDE	0.53	JP	0.16	1.90	ug/kg
Q3662-04	B1-0.0-1.0-20251117	SOIL	4,4-DDT	1.20	JP	0.16	1.90	ug/kg
Q3662-04	B1-0.0-1.0-20251117	SOIL	alpha-Chlordane	6.80	P	0.14	1.90	ug/kg
Q3662-04	B1-0.0-1.0-20251117	SOIL	gamma-Chlordane	2.50	P	0.17	1.90	ug/kg
Total Concentration:				11.030				



QC SUMMARY

Surrogate Summary

SDG No.: Q3662

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD091193.D	PIBLK-PD091193.D	Decachlorobiphen	1	20	20.8	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.1	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD091264.D	PIBLK-PD091264.D	Decachlorobiphen	1	20	22.3	111		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.8	109		30 (41)	150 (134)
		Decachlorobiphen	2	20	24.5	123		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (41)	150 (134)
PB170628BL	PB170628BL	Decachlorobiphen	1	20	17.8	89		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	17.2	86		30 (10)	150 (131)
		Decachlorobiphen	2	20	19.3	97		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	18.4	92		30 (10)	150 (131)
I.BLK-PD091275.D	PIBLK-PD091275.D	Decachlorobiphen	1	20	16.0	80		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.5	83		30 (41)	150 (134)
		Decachlorobiphen	2	20	13.9	69		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	18.1	90		30 (41)	150 (134)
Q3662-02	B3-0.0-1.0-20251117	Decachlorobiphen	1	20	12.6	63		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	16.1	81		30 (10)	150 (131)
		Decachlorobiphen	2	20	11.0	55		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.1	85		30 (10)	150 (131)
Q3662-02MS	B3-0.0-1.0-20251117MS	Decachlorobiphen	1	20	11.0	55		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.4	72		30 (10)	150 (131)
		Decachlorobiphen	2	20	9.10	46		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	14.7	74		30 (10)	150 (131)
Q3662-02MSD	B3-0.0-1.0-20251117MSD	Decachlorobiphen	1	20	10.7	53		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	14.1	70		30 (10)	150 (131)
		Decachlorobiphen	2	20	9.75	49		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	15.3	77		30 (10)	150 (131)
Q3662-04	B1-0.0-1.0-20251117	Decachlorobiphen	1	20	8.09	40		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	9.96	50		30 (10)	150 (131)
		Decachlorobiphen	2	20	6.09	30		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	10.3	52		30 (10)	150 (131)
I.BLK-PD091285.D	PIBLK-PD091285.D	Decachlorobiphen	1	20	16.4	82		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.6	83		30 (41)	150 (134)
		Decachlorobiphen	2	20	15.2	76		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.5	88		30 (41)	150 (134)
I.BLK-PD091328.D	PIBLK-PD091328.D	Decachlorobiphen	1	20	21.8	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.3	101		30 (41)	150 (134)
		Decachlorobiphen	2	20	23.8	119		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.9	115		30 (41)	150 (134)
PB170628BS	PB170628BS	Decachlorobiphen	1	20	20.7	104		30 (10)	150 (143)

Surrogate Summary

SDG No.: Q3662

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB170628BS	PB170628BS	Tetrachloro-m-xyl	1	20	20.6	103		30 (10)	150 (131)
		Decachlorobiphen	2	20	23.8	119		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	22.1	111		30 (10)	150 (131)
I.BLK-PD091345.D	PIBLK-PD091345.D	Decachlorobiphen	1	20	19.4	97		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.1	95		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.3	96		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.2	106		30 (41)	150 (134)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091279.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result								High		
Lab Sample ID:	Q3662-02MS (Column 1)	Client Sample ID:		B3-0.0-1.0-20251117MS									
	alpha-BHC	19.64	0	16.3	ug/kg	83				30 (60)	150 (144)		
	beta-BHC	19.64	0	17.2	ug/kg	88				30 (54)	150 (143)		
	delta-BHC	19.64	0	14.0	ug/kg	71				30 (47)	150 (129)		
	gamma-BHC (Lindane)	19.64	0	15.7	ug/kg	80				30 (39)	150 (136)		
	Heptachlor	19.64	0	9.20	ug/kg	47				30 (33)	150 (148)		
	Aldrin	19.64	0	17.4	ug/kg	89				30 (38)	150 (139)		
	Heptachlor epoxide	19.64	0	17.1	ug/kg	87				30 (23)	150 (155)		
	Endosulfan I	19.64	0	15.2	ug/kg	77				30 (30)	150 (142)		
	Dieldrin	19.64	0	16.7	ug/kg	85				30 (32)	150 (140)		
	4,4'-DDE	19.64	0.2597	17.5	ug/kg	90				30 (20)	150 (156)		
	Endrin	19.64	0	17.4	ug/kg	89				30 (57)	150 (139)		
	Endosulfan II	19.64	0	15.0	ug/kg	76				30 (41)	150 (125)		
	4,4'-DDD	19.64	0	14.4	ug/kg	73				30 (47)	150 (163)		
	Endosulfan sulfate	19.64	0	11.8	ug/kg	60				30 (43)	150 (125)		
	4,4'-DDT	19.64	0.2085	8.40	ug/kg	42				30 (25)	150 (149)		
	Methoxychlor	19.64	0	8.20	ug/kg	42				30 (32)	150 (132)		
	Endrin ketone	19.64	0	9.40	ug/kg	48				30 (27)	150 (142)		
	Endrin aldehyde	19.64	0	6.40	ug/kg	33				30 (19)	150 (148)		
	alpha-Chlordane	19.64	0	18.0	ug/kg	92				30 (26)	150 (147)		
	gamma-Chlordane	19.64	0	17.9	ug/kg	91				30 (30)	150 (142)		
Lab Sample ID:	Q3662-02MS (Column 2)	Client Sample ID:		B3-0.0-1.0-20251117MS									
	alpha-BHC	19.64	0	16.7	ug/kg	85				30 (60)	150 (144)		
	beta-BHC	19.64	0	17.7	ug/kg	90				30 (54)	150 (143)		
	delta-BHC	19.64	0	14.0	ug/kg	71				30 (47)	150 (129)		
	gamma-BHC (Lindane)	19.64	0	15.8	ug/kg	80				30 (39)	150 (136)		
	Heptachlor	19.64	0	9.80	ug/kg	50				30 (33)	150 (148)		
	Aldrin	19.64	0	17.9	ug/kg	91				30 (38)	150 (139)		
	Heptachlor epoxide	19.64	0	17.4	ug/kg	89				30 (23)	150 (155)		
	Endosulfan I	19.64	0	14.7	ug/kg	75				30 (30)	150 (142)		
	Dieldrin	19.64	0	17.8	ug/kg	91				30 (32)	150 (140)		
	4,4'-DDE	19.64	0.3619	18.1	ug/kg	92				30 (20)	150 (156)		
	Endrin	19.64	0	16.2	ug/kg	82				30 (57)	150 (139)		
	Endosulfan II	19.64	0	15.2	ug/kg	77				30 (41)	150 (125)		
	4,4'-DDD	19.64	0	12.9	ug/kg	66				30 (47)	150 (163)		
	Endosulfan sulfate	19.64	0	11.3	ug/kg	58				30 (43)	150 (125)		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091279.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
		Result	Result							High		
4,4'-DDT	19.64	0.7868	9.10	ug/kg	46				30 (25)	150 (149)		
Methoxychlor	19.64	0	7.80	ug/kg	40				30 (32)	150 (132)		
Endrin ketone	19.64	0	8.80	ug/kg	45				30 (27)	150 (142)		
Endrin aldehyde	19.64	0	6.30	ug/kg	32				30 (19)	150 (148)		
alpha-Chlordane	19.64	0	18.1	ug/kg	92				30 (26)	150 (147)		
gamma-Chlordane	19.64	0	20.5	ug/kg	104				30 (30)	150 (142)		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091280.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Low	Limits	
			Result				Qual		Qual			High	RPD
Lab Sample ID:	Q3662-02MSD (Column 1)	Client Sample ID:		B3-0.0-1.0-20251117MSD									
	alpha-BHC	19.63	0	17.6	ug/kg	90		8			30 (60)	150 (144)	30 (15)
	beta-BHC	19.63	0	17.2	ug/kg	88		0			30 (54)	150 (143)	30 (15)
	delta-BHC	19.63	0	16.7	ug/kg	85		18			30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	19.63	0	17.2	ug/kg	88		10			30 (39)	150 (136)	30 (30)
	Heptachlor	19.63	0	10.3	ug/kg	52		10			30 (33)	150 (148)	30 (20)
	Aldrin	19.63	0	17.5	ug/kg	89		0			30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.63	0	16.9	ug/kg	86		1			30 (23)	150 (155)	30 (16)
	Endosulfan I	19.63	0	16.4	ug/kg	84		9			30 (30)	150 (142)	30 (15)
	Dieldrin	19.63	0	16.9	ug/kg	86		1			30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.63	0.2597	17.1	ug/kg	89		1			30 (20)	150 (156)	30 (16)
	Endrin	19.63	0	17.7	ug/kg	90		1			30 (57)	150 (139)	30 (16)
	Endosulfan II	19.63	0	16.2	ug/kg	83		9			30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.63	0	15.5	ug/kg	79		8			30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.63	0	14.2	ug/kg	72		18			30 (43)	150 (125)	30 (15)
	4,4'-DDT	19.63	0.2085	11.6	ug/kg	55		27			30 (25)	150 (149)	30 (15)
	Methoxychlor	19.63	0	10.2	ug/kg	52		21			30 (32)	150 (132)	30 (20)
	Endrin ketone	19.63	0	13.4	ug/kg	68		34	*		30 (27)	150 (142)	30 (15)
	Endrin aldehyde	19.63	0	10.0	ug/kg	51		43	*		30 (19)	150 (148)	30 (15)
	alpha-Chlordane	19.63	0	17.6	ug/kg	90		2			30 (26)	150 (147)	30 (20)
	gamma-Chlordane	19.63	0	17.5	ug/kg	89		2			30 (30)	150 (142)	30 (15)
Lab Sample ID:	Q3662-02MSD (Column 2)	Client Sample ID:		B3-0.0-1.0-20251117MSD									
	alpha-BHC	19.63	0	17.9	ug/kg	91		7			30 (60)	150 (144)	30 (15)
	beta-BHC	19.63	0	18.0	ug/kg	92		2			30 (54)	150 (143)	30 (15)
	delta-BHC	19.63	0	16.7	ug/kg	85		18			30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	19.63	0	17.3	ug/kg	88		10			30 (39)	150 (136)	30 (30)
	Heptachlor	19.63	0	11.0	ug/kg	56		11			30 (33)	150 (148)	30 (20)
	Aldrin	19.63	0	18.0	ug/kg	92		1			30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.63	0	17.6	ug/kg	90		1			30 (23)	150 (155)	30 (16)
	Endosulfan I	19.63	0	15.9	ug/kg	81		8			30 (30)	150 (142)	30 (15)
	Dieldrin	19.63	0	17.7	ug/kg	90		1			30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.63	0.3619	17.8	ug/kg	91		1			30 (20)	150 (156)	30 (16)
	Endrin	19.63	0	16.7	ug/kg	85		4			30 (57)	150 (139)	30 (16)
	Endosulfan II	19.63	0	16.3	ug/kg	83		8			30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.63	0	14.0	ug/kg	71		7			30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.63	0	13.6	ug/kg	69		17			30 (43)	150 (125)	30 (15)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091280.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	19.63	0.7868	11.5	ug/kg	59		25		30 (25)	150 (149)	30 (15)
Methoxychlor	19.63	0	9.50	ug/kg	48		18		30 (32)	150 (132)	30 (20)
Endrin ketone	19.63	0	11.8	ug/kg	60		29	*	30 (27)	150 (142)	30 (15)
Endrin aldehyde	19.63	0	9.90	ug/kg	50		44	*	30 (19)	150 (148)	30 (15)
alpha-Chlordane	19.63	0	18.1	ug/kg	92		0		30 (26)	150 (147)	30 (20)
gamma-Chlordane	19.63	0	20.2	ug/kg	103		1		30 (30)	150 (142)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	Datafile :	<u>PD091334.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170628BS (Column 1)	alpha-BHC	16.66	14.2	ug/kg	85				40 (84)	140 (123)	
	beta-BHC	16.66	14.1	ug/kg	85				40 (82)	140 (123)	
	delta-BHC	16.66	13.4	ug/kg	80				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	14.5	ug/kg	87				40 (83)	140 (125)	
	Heptachlor	16.66	14.7	ug/kg	88				40 (83)	140 (122)	
	Aldrin	16.66	14.7	ug/kg	88				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	14.6	ug/kg	88				40 (83)	140 (120)	
	Endosulfan I	16.66	14.5	ug/kg	87				40 (81)	140 (124)	
	Dieldrin	16.66	14.6	ug/kg	88				40 (85)	140 (121)	
	4,4'-DDE	16.66	14.3	ug/kg	86				40 (81)	140 (123)	
	Endrin	16.66	15.6	ug/kg	94				40 (76)	140 (130)	
	Endosulfan II	16.66	14.9	ug/kg	89				40 (80)	140 (125)	
	4,4'-DDD	16.66	14.2	ug/kg	85				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	14.4	ug/kg	86				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.1	ug/kg	97				40 (70)	140 (129)	
	Methoxychlor	16.66	16.2	ug/kg	97				40 (60)	140 (119)	
	Endrin ketone	16.66	14.7	ug/kg	88				40 (77)	140 (132)	
	Endrin aldehyde	16.66	15.3	ug/kg	92				40 (79)	140 (124)	
	alpha-Chlordane	16.66	13.8	ug/kg	83				40 (84)	140 (120)	
	gamma-Chlordane	16.66	14.5	ug/kg	87				40 (83)	140 (122)	
PB170628BS (Column 2)	alpha-BHC	16.66	15.4	ug/kg	92				40 (84)	140 (123)	
	beta-BHC	16.66	15.7	ug/kg	94				40 (82)	140 (123)	
	delta-BHC	16.66	14.6	ug/kg	88				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	15.7	ug/kg	94				40 (83)	140 (125)	
	Heptachlor	16.66	16.1	ug/kg	97				40 (83)	140 (122)	
	Aldrin	16.66	16.4	ug/kg	98				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.2	ug/kg	97				40 (83)	140 (120)	
	Endosulfan I	16.66	15.5	ug/kg	93				40 (81)	140 (124)	
	Dieldrin	16.66	16.4	ug/kg	98				40 (85)	140 (121)	
	4,4'-DDE	16.66	16.4	ug/kg	98				40 (81)	140 (123)	
	Endrin	16.66	18.1	ug/kg	109				40 (76)	140 (130)	
	Endosulfan II	16.66	16.4	ug/kg	98				40 (80)	140 (125)	
	4,4'-DDD	16.66	15.7	ug/kg	94				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	16.4	ug/kg	98				40 (81)	140 (122)	
	4,4'-DDT	16.66	18.5	ug/kg	111				40 (70)	140 (129)	
	Methoxychlor	16.66	18.3	ug/kg	110				40 (60)	140 (119)	
	Endrin ketone	16.66	18.0	ug/kg	108				40 (77)	140 (132)	
	Endrin aldehyde	16.66	17.2	ug/kg	103				40 (79)	140 (124)	
	alpha-Chlordane	16.66	16.3	ug/kg	98				40 (84)	140 (120)	
	gamma-Chlordane	16.66	16.4	ug/kg	98				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170628BL

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: PB170628BL

Lab File ID: PD091270.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/19/2025

Date Analyzed (1): 11/19/2025

Date Analyzed (2): 11/19/2025

Time Analyzed (1): 14:07

Time Analyzed (2): 14:07

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
B3-0.0-1.0-20251117	Q3662-02	PD091278.D	11/19/2025	11/19/2025
B3-0.0-1.0-20251117MS	Q3662-02MS	PD091279.D	11/19/2025	11/19/2025
B3-0.0-1.0-20251117MSD	Q3662-02MSD	PD091280.D	11/19/2025	11/19/2025
B1-0.0-1.0-20251117	Q3662-04	PD091281.D	11/19/2025	11/19/2025
PB170628BS	PB170628BS	PD091334.D	11/21/2025	11/21/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/17/25
Project:	PVWC Linear Construction		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117		SDG No.:	Q3662
Lab Sample ID:	Q3662-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	84.7
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	2.00	ug/kg	11/19/25 16:24	PB170628
319-85-7	beta-BHC	0.21	U	1	0.21	2.00	ug/kg	11/19/25 16:24	PB170628
319-86-8	delta-BHC	0.46	U	1	0.46	2.00	ug/kg	11/19/25 16:24	PB170628
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
76-44-8	Heptachlor	0.14	U	1	0.14	2.00	ug/kg	11/19/25 16:24	PB170628
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	11/19/25 16:24	PB170628
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	2.00	ug/kg	11/19/25 16:24	PB170628
959-98-8	Endosulfan I	0.17	U	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
60-57-1	Dieldrin	0.17	U	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
72-55-9	4,4-DDE	0.36	J	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
72-20-8	Endrin	0.17	U	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
33213-65-9	Endosulfan II	0.34	U	1	0.34	2.00	ug/kg	11/19/25 16:24	PB170628
72-54-8	4,4-DDD	0.18	U	1	0.18	2.00	ug/kg	11/19/25 16:24	PB170628
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	2.00	ug/kg	11/19/25 16:24	PB170628
50-29-3	4,4-DDT	0.79	JP	1	0.17	2.00	ug/kg	11/19/25 16:24	PB170628
72-43-5	Methoxychlor	0.44	U	1	0.44	2.00	ug/kg	11/19/25 16:24	PB170628
53494-70-5	Endrin ketone	0.22	U	1	0.22	2.00	ug/kg	11/19/25 16:24	PB170628
7421-93-4	Endrin aldehyde	0.44	U	1	0.44	2.00	ug/kg	11/19/25 16:24	PB170628
5103-71-9	alpha-Chlordane	0.14	U	1	0.14	2.00	ug/kg	11/19/25 16:24	PB170628
5103-74-2	gamma-Chlordane	0.18	U	1	0.18	2.00	ug/kg	11/19/25 16:24	PB170628
8001-35-2	Toxaphene	6.40	U	1	6.40	38.9	ug/kg	11/19/25 16:24	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.6			30 (10) - 150 (143)	63%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.1			30 (10) - 150 (131)	85%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:24
 Operator : AR\AJ
 Sample : Q3662-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:30:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.542	2.871	55602506	625.6E6	16.123m	17.080
2) SA Decachlor...	9.060	8.056	62597456	434.4E6	12.565m	10.978
Target Compounds						
8) B Heptachlo...	5.681	4.858	2712645	24647689	0.418	0.484m
12) B 4,4'-DDE	6.187	5.360	3829327	49093467	0.660m	0.919m#
17) MA 4,4'-DDT	7.012	6.166	2186367	78175974	0.529m	1.998 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:24
Operator : AR\AJ
Sample : Q3662-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

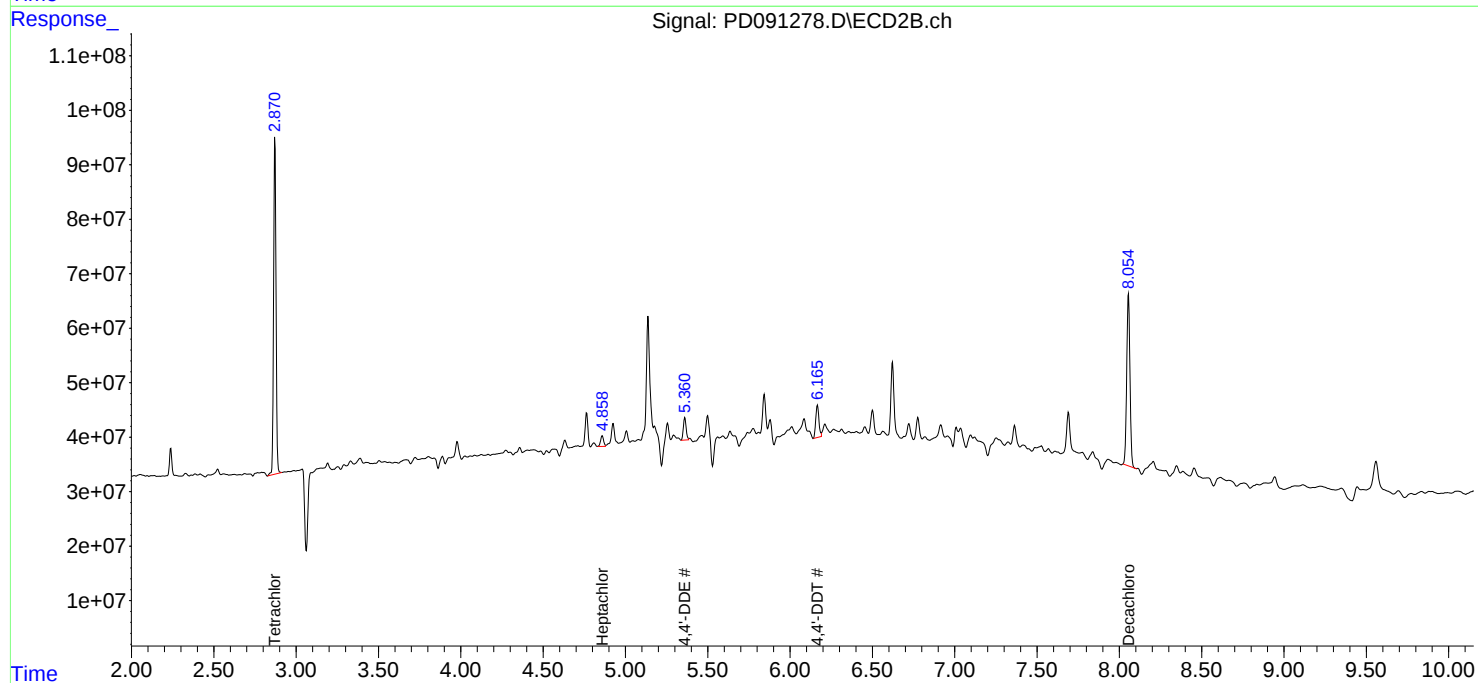
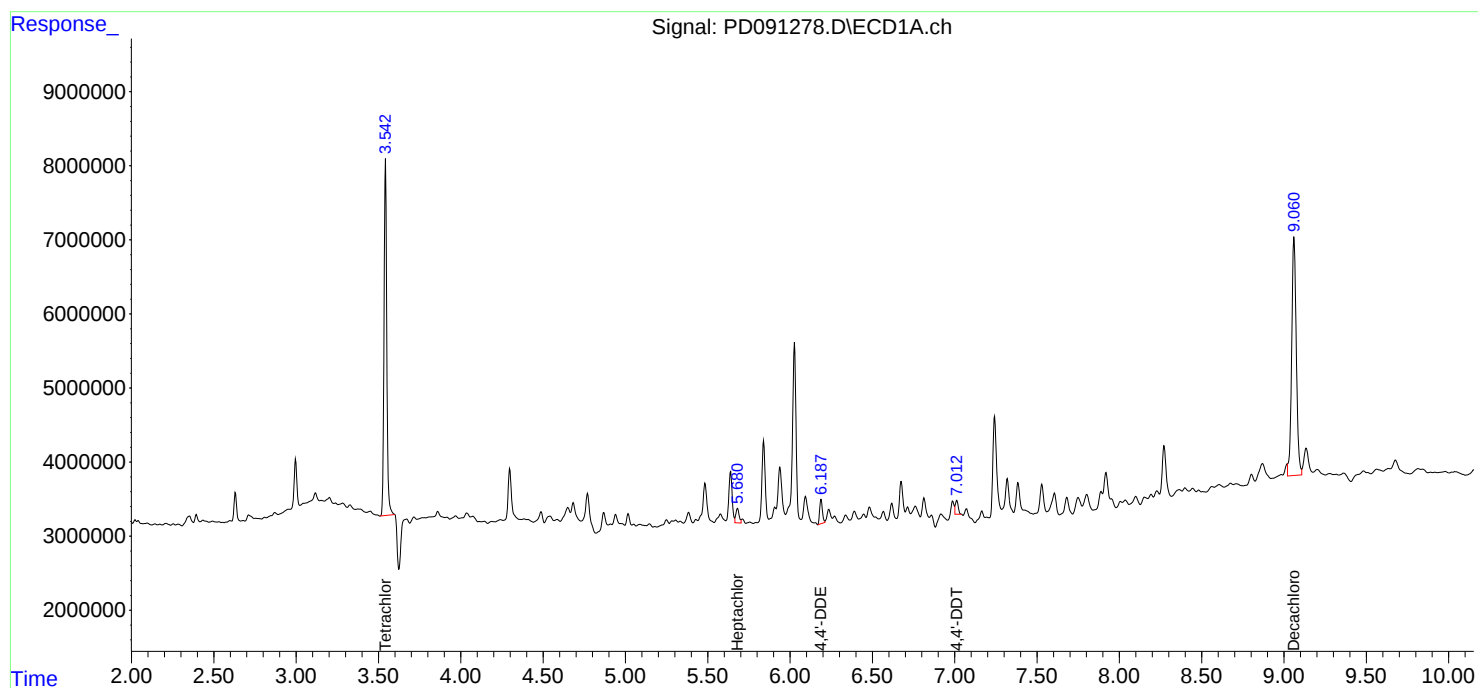
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117

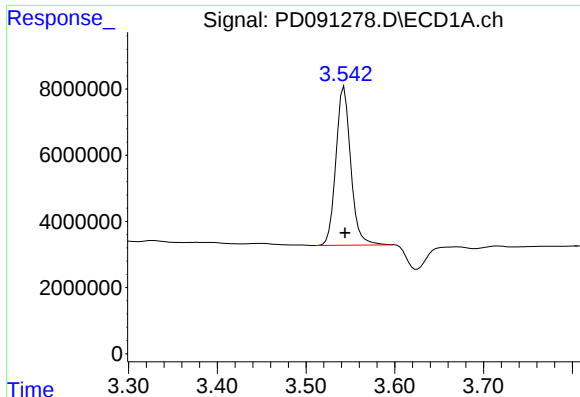
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





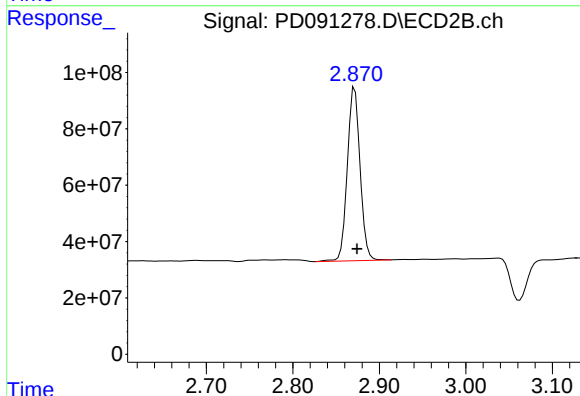
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 55602506
Conc: 16.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117

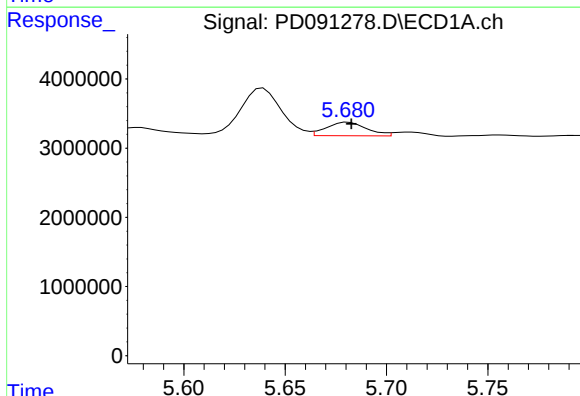
Manual Integrations
APPROVED

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



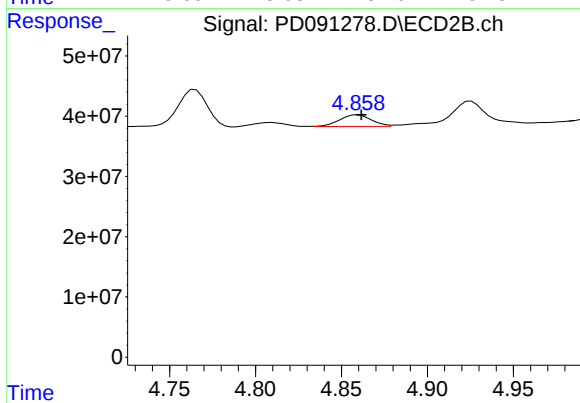
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 625627191
Conc: 17.08 ng/ml



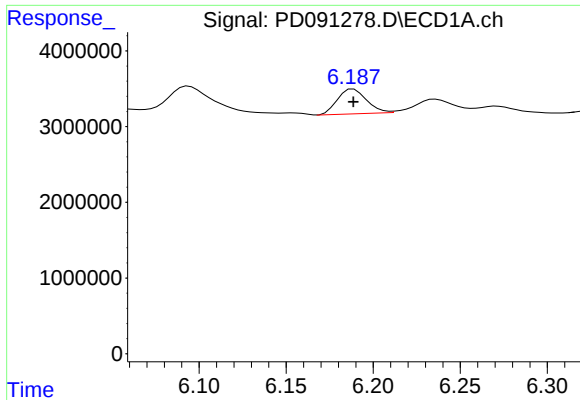
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 2712645
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 24647689
Conc: 0.48 ng/ml m



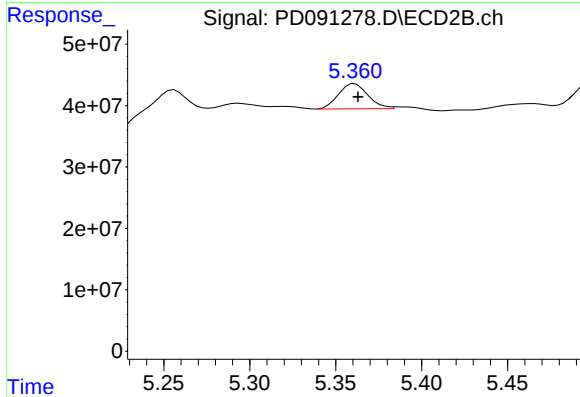
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 3829327
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117

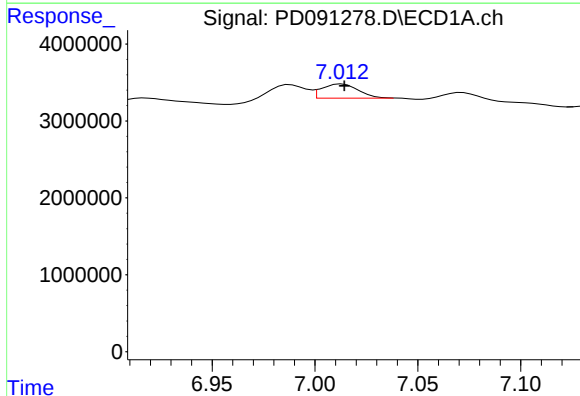
Manual Integrations
APPROVED

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



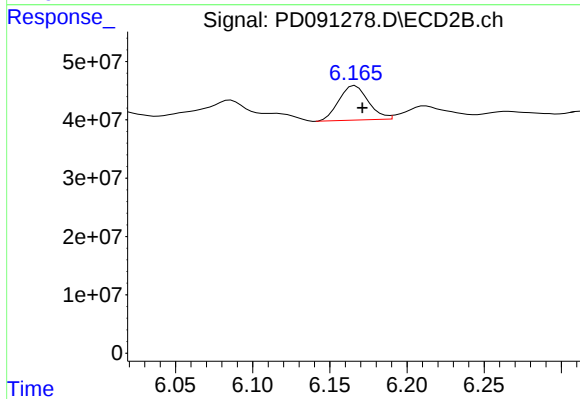
#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 49093467
Conc: 0.92 ng/ml m



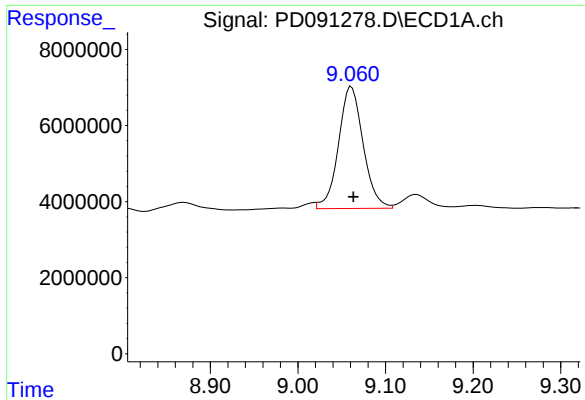
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 2186367
Conc: 0.53 ng/ml m



#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.005 min
Response: 78175974
Conc: 2.00 ng/ml



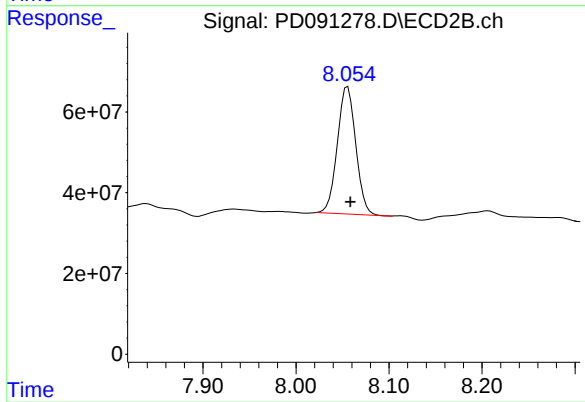
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.004 min
Response: 62597456
Conc: 12.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 434433998
Conc: 10.98 ng/ml



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

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/17/25
Project:	PVWC Linear Construction		Date Received:	11/18/25
Client Sample ID:	B1-0.0-1.0-20251117		SDG No.:	Q3662
Lab Sample ID:	Q3662-04		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	88.1
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B		Prep Date:	11/19/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	1.90	ug/kg	11/19/25 17:05	PB170628
319-85-7	beta-BHC	0.20	U	1	0.20	1.90	ug/kg	11/19/25 17:05	PB170628
319-86-8	delta-BHC	0.44	U	1	0.44	1.90	ug/kg	11/19/25 17:05	PB170628
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
76-44-8	Heptachlor	0.14	U	1	0.14	1.90	ug/kg	11/19/25 17:05	PB170628
309-00-2	Aldrin	0.14	U	1	0.14	1.90	ug/kg	11/19/25 17:05	PB170628
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	1.90	ug/kg	11/19/25 17:05	PB170628
959-98-8	Endosulfan I	0.16	U	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
60-57-1	Dieldrin	0.16	U	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
72-55-9	4,4-DDE	0.53	JP	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
72-20-8	Endrin	0.16	U	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
33213-65-9	Endosulfan II	0.33	U	1	0.33	1.90	ug/kg	11/19/25 17:05	PB170628
72-54-8	4,4-DDD	0.17	U	1	0.17	1.90	ug/kg	11/19/25 17:05	PB170628
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	1.90	ug/kg	11/19/25 17:05	PB170628
50-29-3	4,4-DDT	1.20	JP	1	0.16	1.90	ug/kg	11/19/25 17:05	PB170628
72-43-5	Methoxychlor	0.42	U	1	0.42	1.90	ug/kg	11/19/25 17:05	PB170628
53494-70-5	Endrin ketone	0.22	U	1	0.22	1.90	ug/kg	11/19/25 17:05	PB170628
7421-93-4	Endrin aldehyde	0.42	U	1	0.42	1.90	ug/kg	11/19/25 17:05	PB170628
5103-71-9	alpha-Chlordane	6.80	P	1	0.14	1.90	ug/kg	11/19/25 17:05	PB170628
5103-74-2	gamma-Chlordane	2.50	P	1	0.17	1.90	ug/kg	11/19/25 17:05	PB170628
8001-35-2	Toxaphene	6.10	U	1	6.10	37.4	ug/kg	11/19/25 17:05	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	8.09			30 (10) - 150 (143)	40%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	10.3			30 (10) - 150 (131)	52%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 17:05
 Operator : AR\AJ
 Sample : Q3662-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B1-0.0-1.0-20251117

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.542	2.872	34335384	379.1E6	9.956	10.349
2) SA Decachlor...	9.059	8.056	40284888	241.1E6	8.086	6.093
Target Compounds						
10) B gamma-Chl...	5.938	5.113	43300040	61206424	6.661	1.120m#
11) B alpha-Chl...	6.025	5.175	124.3E6	168.4E6	18.062	3.218m#
12) B 4,4'-DDE	6.187	5.361	5268953	74282946	0.909m	1.390 #
17) MA 4,4'-DDT	7.010	6.166	5495018	127.6E6	1.329m	3.261 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 17:05
Operator : AR\AJ
Sample : Q3662-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

B1-0.0-1.0-20251117

Manual Integrations

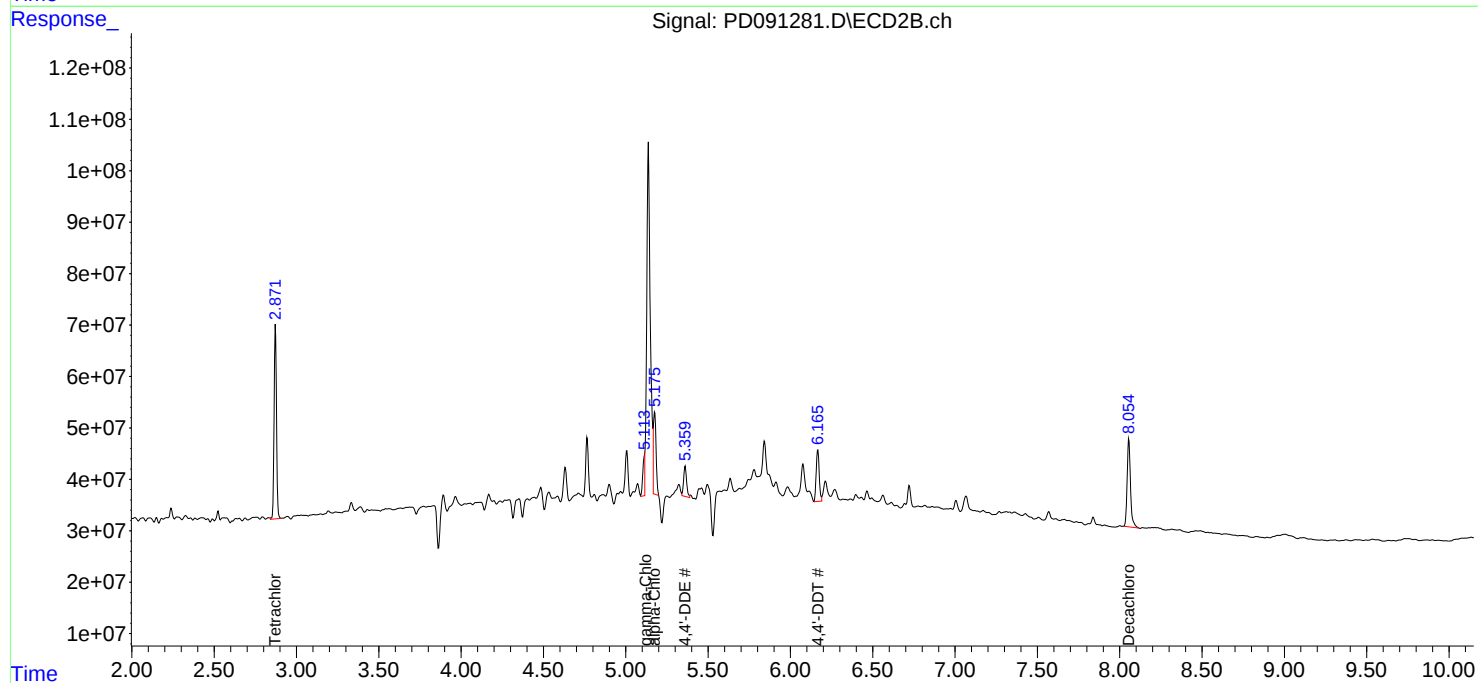
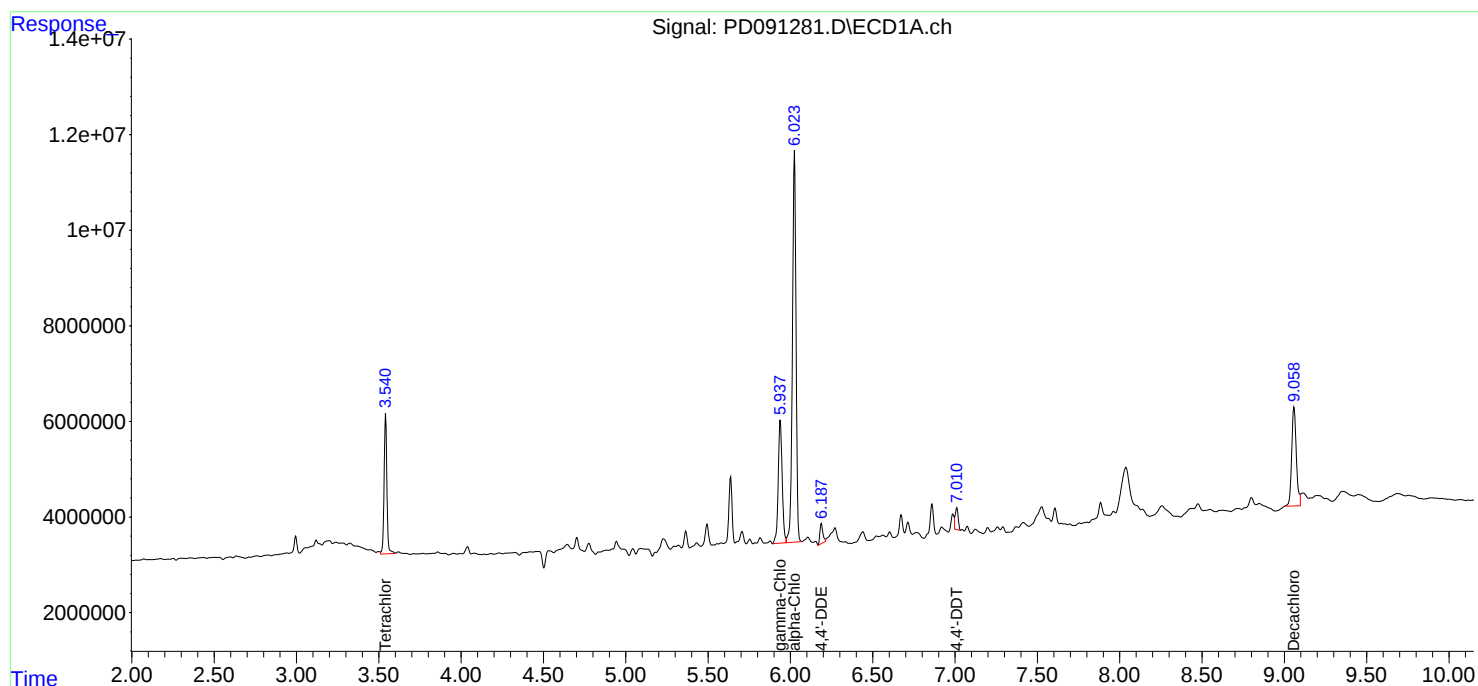
APPROVED

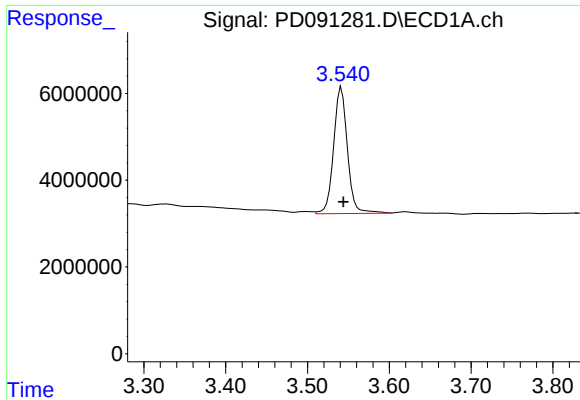
Reviewed By :Abdul Mirza 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





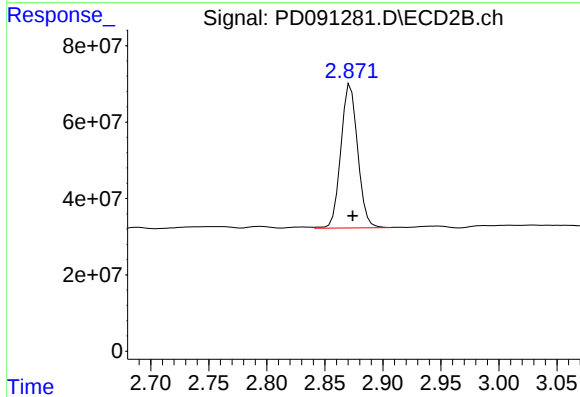
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
 Delta R.T.: -0.002 min
 Response: 34335384
 Conc: 9.96 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 B1-0.0-1.0-20251117

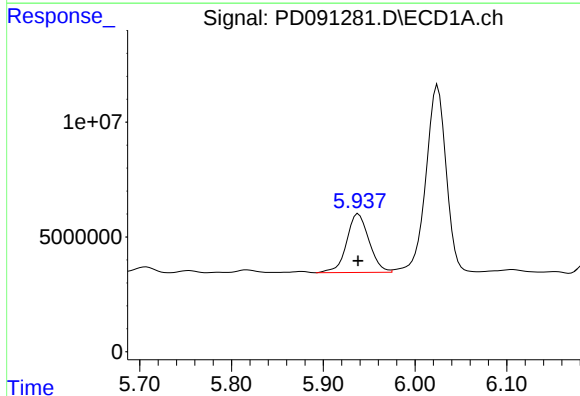
Manual Integrations
 APPROVED

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



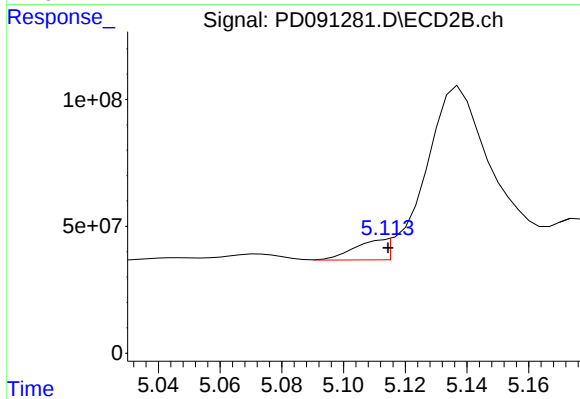
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
 Delta R.T.: -0.002 min
 Response: 379072985
 Conc: 10.35 ng/ml



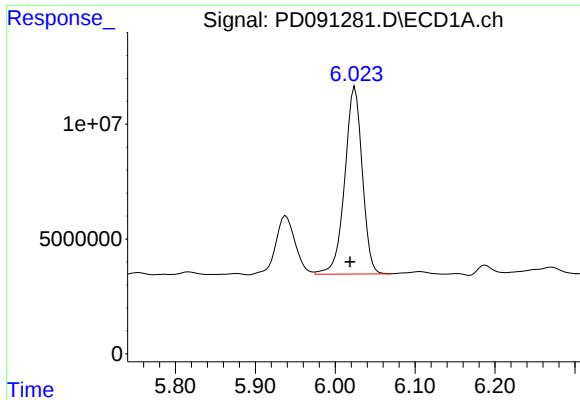
#10 gamma-Chlordane

R.T.: 5.938 min
 Delta R.T.: 0.000 min
 Response: 43300040
 Conc: 6.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
 Delta R.T.: -0.001 min
 Response: 61206424
 Conc: 1.12 ng/ml m



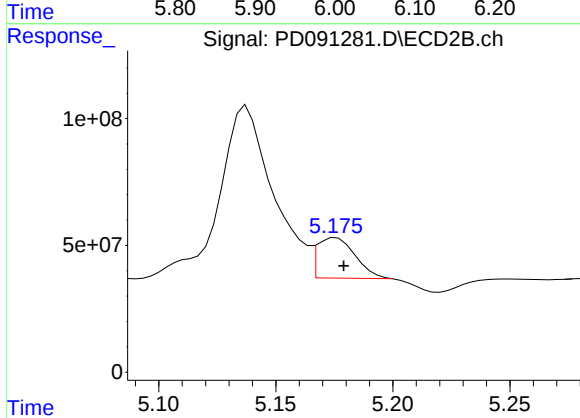
#11 alpha-Chlordane

R.T.: 6.025 min
 Delta R.T.: 0.006 min
 Response: 124314113
 Conc: 18.06 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 B1-0.0-1.0-20251117

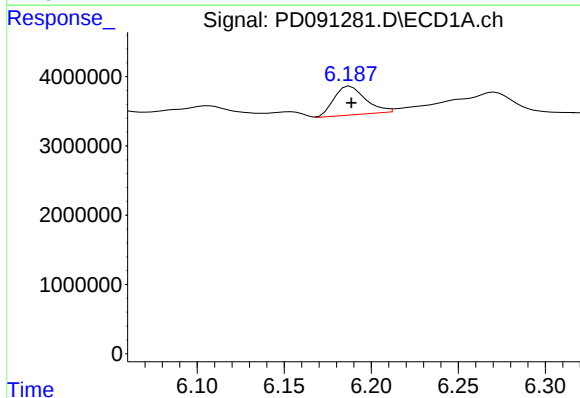
Manual Integrations
 APPROVED

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



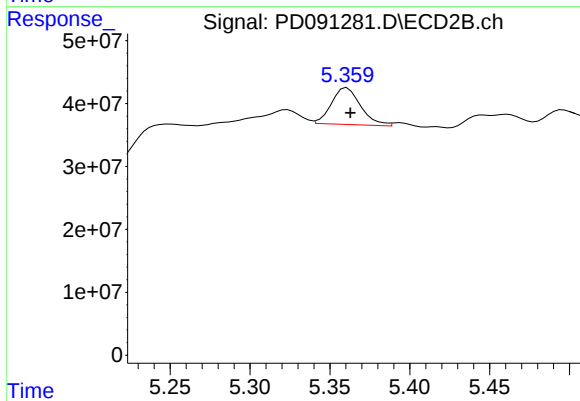
#11 alpha-Chlordane

R.T.: 5.175 min
 Delta R.T.: -0.004 min
 Response: 168428522
 Conc: 3.22 ng/ml m



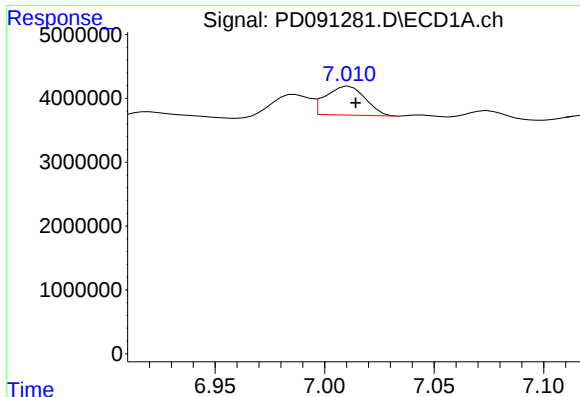
#12 4,4'-DDE

R.T.: 6.187 min
 Delta R.T.: -0.002 min
 Response: 5268953
 Conc: 0.91 ng/ml m



#12 4,4'-DDE

R.T.: 5.361 min
 Delta R.T.: -0.002 min
 Response: 74282946
 Conc: 1.39 ng/ml



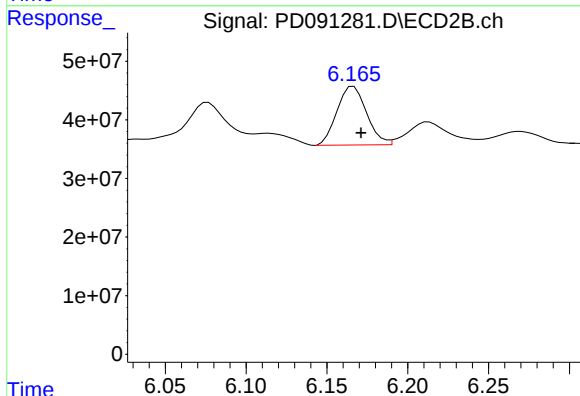
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.004 min
Response: 5495018
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1-0.0-1.0-20251117

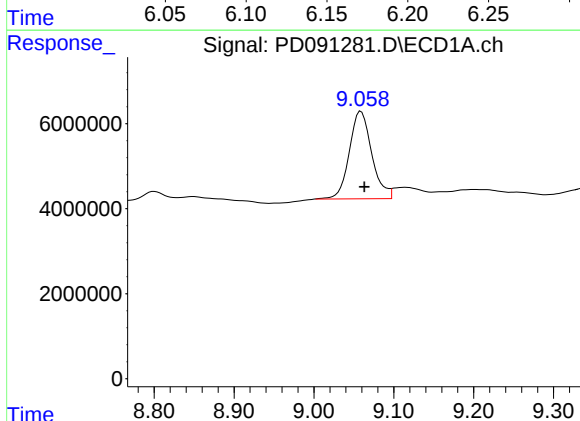
Manual Integrations
APPROVED

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



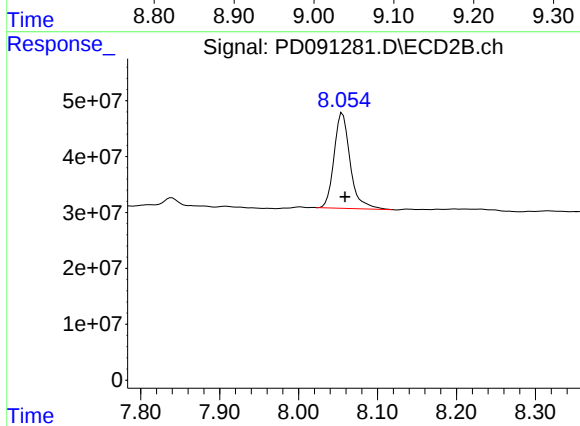
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.005 min
Response: 127594622
Conc: 3.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 40284888
Conc: 8.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 241116794
Conc: 6.09 ng/ml



CALIBRATION SUMMARY

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

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

[illegible]

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

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

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3662

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

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

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3662

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

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

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



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
Instrument ID: ECD_D **Date(s) Analyzed:** 11/14/2025 11/14/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.23	6.13	6.33	42812100
		2	6.44	6.34	6.54	68979500
		3	7.14	7.04	7.24	112624000
		4	7.56	7.46	7.66	130712000
		5	7.92	7.82	8.02	79291700



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: HDRI08

Lab Code: ACE SDG NO.: Q3662

Instrument ID: ECD_D Date(s) Analyzed: 11/14/2025 11/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.46	5.36	5.56	348471000
		2	5.64	5.54	5.74	231072000
		3	6.74	6.64	6.84	1091020000
		4	7.19	7.09	7.29	705058000
		5	7.32	7.22	7.42	442502000

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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	310.1E6	3227.4E6	95.046	93.341
28)	SA Decachlor...	9.063	8.059	426.7E6	3539.1E6	92.090	95.330
Target Compounds							
2)	A alpha-BHC	3.993	3.385	799.1E6	5708.1E6	101.539	95.126
3)	MA gamma-BHC...	4.324	3.721	735.0E6	5203.7E6	100.431	94.689
4)	MA Heptachlor	4.921	4.073	687.3E6	4845.3E6	99.281	92.571
5)	MB Aldrin	5.262	4.358	691.4E6	4975.7E6	98.839	92.757
6)	B beta-BHC	4.511	4.017	258.4E6	2085.6E6	94.961	92.161
7)	B delta-BHC	4.759	4.253	734.3E6	5195.2E6	100.875	93.888
8)	B Heptachlo...	5.683	4.862	604.6E6	4379.5E6	97.550	91.159
9)	A Endosulfan I	6.066	5.236	562.2E6	4121.9E6	96.781	90.923
10)	B gamma-Chl...	5.938	5.114	612.3E6	4854.2E6	98.587	93.402
11)	B alpha-Chl...	6.019	5.179	616.9E6	4616.2E6	98.511	92.892
12)	B 4,4'-DDE	6.189	5.363	553.7E6	4678.5E6	98.975	92.802
13)	MA Dieldrin	6.339	5.501	611.2E6	4734.3E6	98.265	91.782
14)	MA Endrin	6.566	5.778	476.3E6	3972.3E6	99.746	92.358
15)	B Endosulfa...	6.779	6.069	502.2E6	4023.4E6	95.589	91.118
16)	A 4,4'-DDD	6.699	5.918	459.3E6	4217.0E6	97.579	91.478
17)	MA 4,4'-DDT	7.014	6.171	403.4E6	3656.5E6	100.262	95.656
18)	B Endrin al...	6.908	6.248	364.3E6	2990.5E6	93.829	90.185
19)	B Endosulfa...	7.143	6.471	463.5E6	3880.7E6	95.233	91.193
20)	A Methoxychlor	7.487	6.742	196.8E6	1787.5E6	96.081	92.289
21)	B Endrin ke...	7.624	6.980	513.1E6	4374.3E6	96.367	90.729
22)	Mirex	8.106	7.172	302.9E6	2859.2E6	92.228	91.815

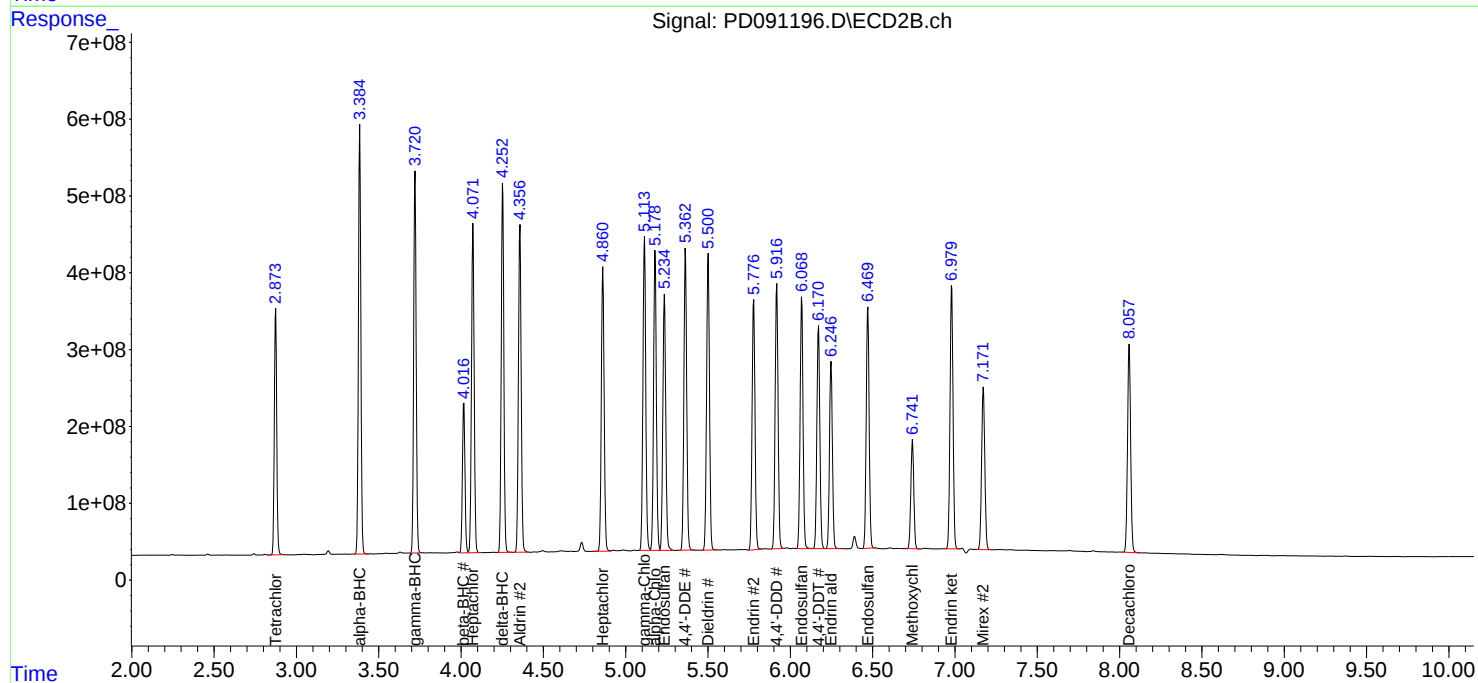
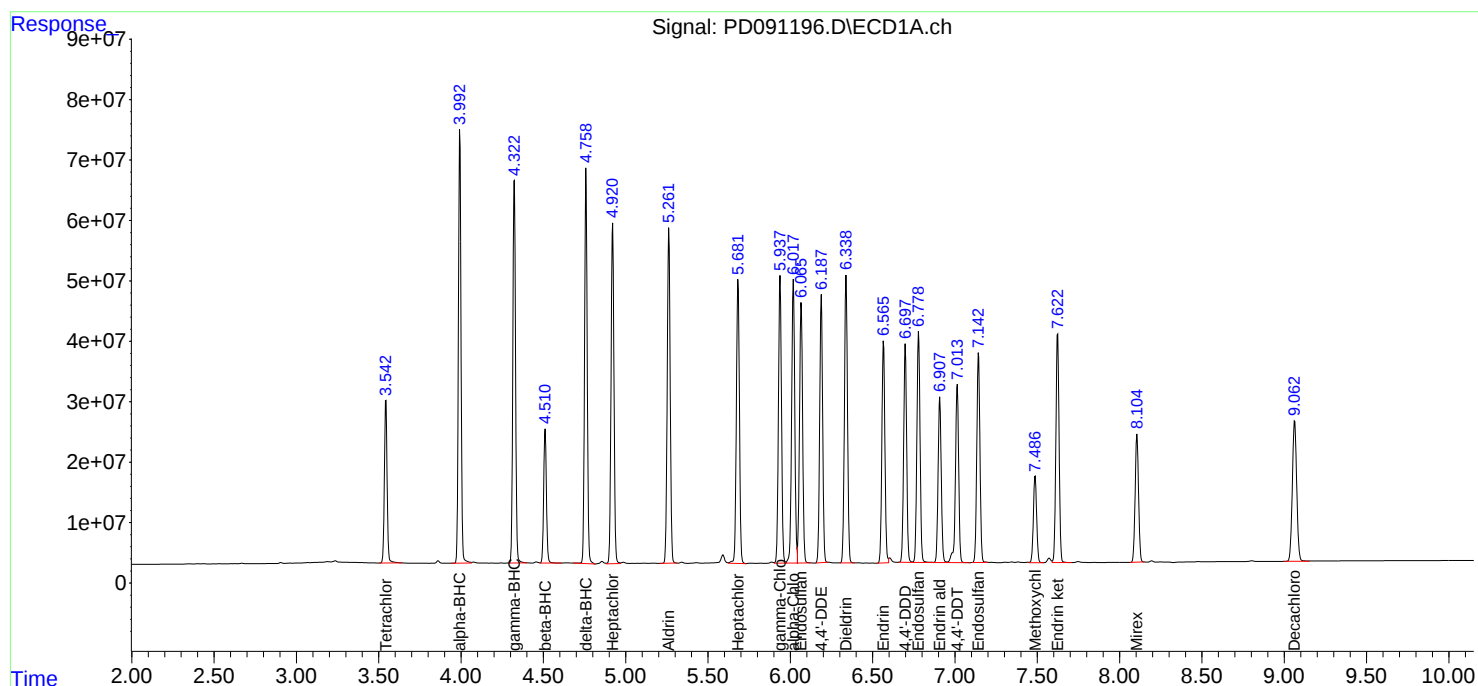
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	241.8E6	2540.7E6	74.137	73.479
28)	SA Decachlor...	9.064	8.059	339.0E6	2739.8E6	73.175	73.798
Target Compounds							
2)	A alpha-BHC	3.993	3.385	609.1E6	4455.1E6	77.386	74.245
3)	MA gamma-BHC...	4.324	3.721	561.9E6	4062.0E6	76.788	73.915
4)	MA Heptachlor	4.921	4.073	528.9E6	3832.2E6	76.395	73.217
5)	MB Aldrin	5.263	4.358	533.1E6	3916.9E6	76.217	73.019
6)	B beta-BHC	4.511	4.017	202.6E6	1647.3E6	74.433	72.793
7)	B delta-BHC	4.760	4.253	560.8E6	4089.0E6	77.046	73.898
8)	B Heptachlo...	5.683	4.862	464.9E6	3475.8E6	75.011	72.350
9)	A Endosulfan I	6.067	5.236	438.5E6	3285.7E6	75.488	72.478
10)	B gamma-Chl...	5.939	5.114	475.7E6	3811.6E6	76.593	73.343
11)	B alpha-Chl...	6.019	5.179	474.0E6	3637.2E6	75.698	73.191
12)	B 4,4'-DDE	6.189	5.364	429.3E6	3686.5E6	76.738	73.125
13)	MA Dieldrin	6.339	5.501	474.3E6	3748.1E6	76.244	72.663
14)	MA Endrin	6.567	5.778	364.6E6	3131.1E6	76.360	72.799
15)	B Endosulfa...	6.780	6.070	391.6E6	3197.3E6	74.544	72.410
16)	A 4,4'-DDD	6.699	5.918	356.3E6	3348.9E6	75.697	72.648
17)	MA 4,4'-DDT	7.015	6.172	307.8E6	2838.4E6	76.496	74.252
18)	B Endrin al...	6.909	6.248	286.5E6	2380.4E6	73.801	71.786
19)	B Endosulfa...	7.144	6.472	361.8E6	3074.4E6	74.333	72.245
20)	A Methoxychlor	7.488	6.742	152.5E6	1407.3E6	74.482	72.657
21)	B Endrin ke...	7.625	6.980	398.8E6	3478.6E6	74.898	72.150
22)	Mirex	8.107	7.173	239.3E6	2256.0E6	72.881	72.445

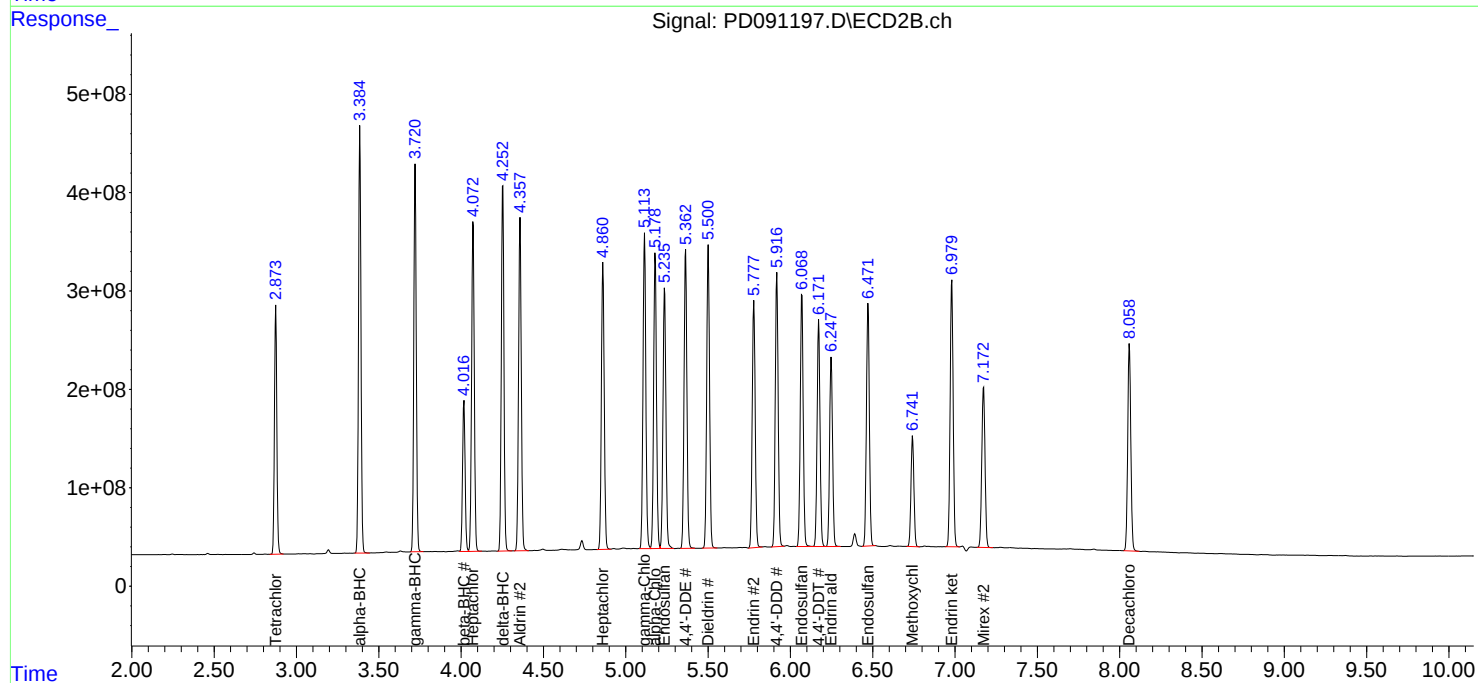
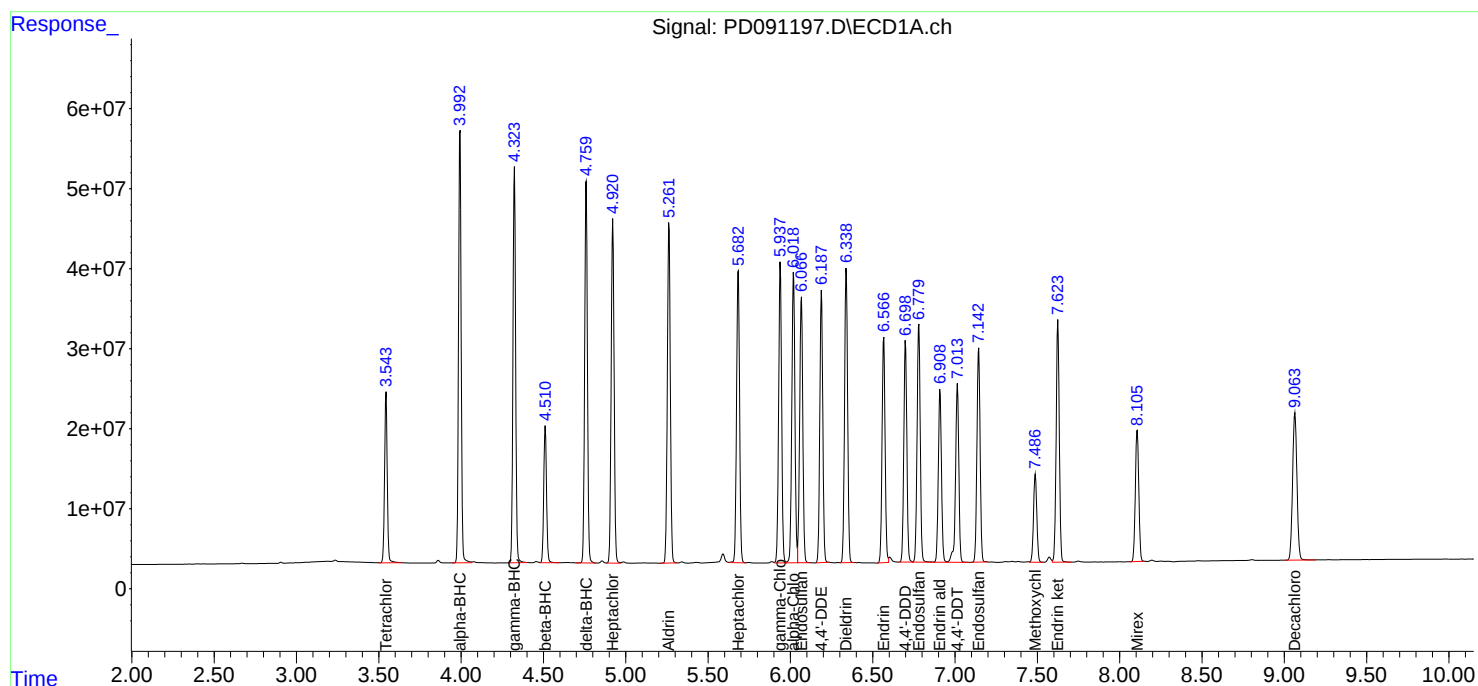
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	163.1E6	1728.9E6	50.000	50.000
28)	SA Decachlor...	9.063	8.058	231.7E6	1856.3E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.993	3.386	393.5E6	3000.3E6	50.000	50.000
3)	MA gamma-BHC...	4.324	3.721	365.9E6	2747.8E6	50.000	50.000
4)	MA Heptachlor	4.921	4.073	346.1E6	2617.1E6	50.000	50.000
5)	MB Aldrin	5.263	4.358	349.7E6	2682.1E6	50.000	50.000
6)	B beta-BHC	4.511	4.018	136.1E6	1131.5E6	50.000	50.000
7)	B delta-BHC	4.760	4.253	364.0E6	2766.7E6	50.000	50.000
8)	B Heptachlo...	5.682	4.862	309.9E6	2402.1E6	50.000	50.000
9)	A Endosulfan I	6.066	5.235	290.5E6	2266.7E6	50.000	50.000
10)	B gamma-Chl...	5.938	5.114	310.6E6	2598.5E6	50.000	50.000
11)	B alpha-Chl...	6.019	5.179	313.1E6	2484.7E6	50.000	50.000
12)	B 4,4'-DDE	6.189	5.363	279.7E6	2520.7E6	50.000	50.000
13)	MA Dieldrin	6.339	5.501	311.0E6	2579.1E6	50.000	50.000
14)	MA Endrin	6.566	5.778	238.8E6	2150.5E6	50.000	50.000
15)	B Endosulfa...	6.779	6.069	262.7E6	2207.8E6	50.000	50.000
16)	A 4,4'-DDD	6.699	5.917	235.3E6	2304.9E6	50.000	50.000
17)	MA 4,4'-DDT	7.014	6.171	201.2E6	1911.3E6	50.000	50.000
18)	B Endrin al...	6.908	6.248	194.1E6	1658.0E6	50.000	50.000
19)	B Endosulfa...	7.143	6.471	243.4E6	2127.8E6	50.000	50.000
20)	A Methoxychlor	7.487	6.741	102.4E6	968.4E6	50.000	50.000
21)	B Endrin ke...	7.624	6.980	266.2E6	2410.7E6	50.000	50.000
22)	Mirex	8.106	7.173	164.2E6	1557.0E6	50.000	50.000

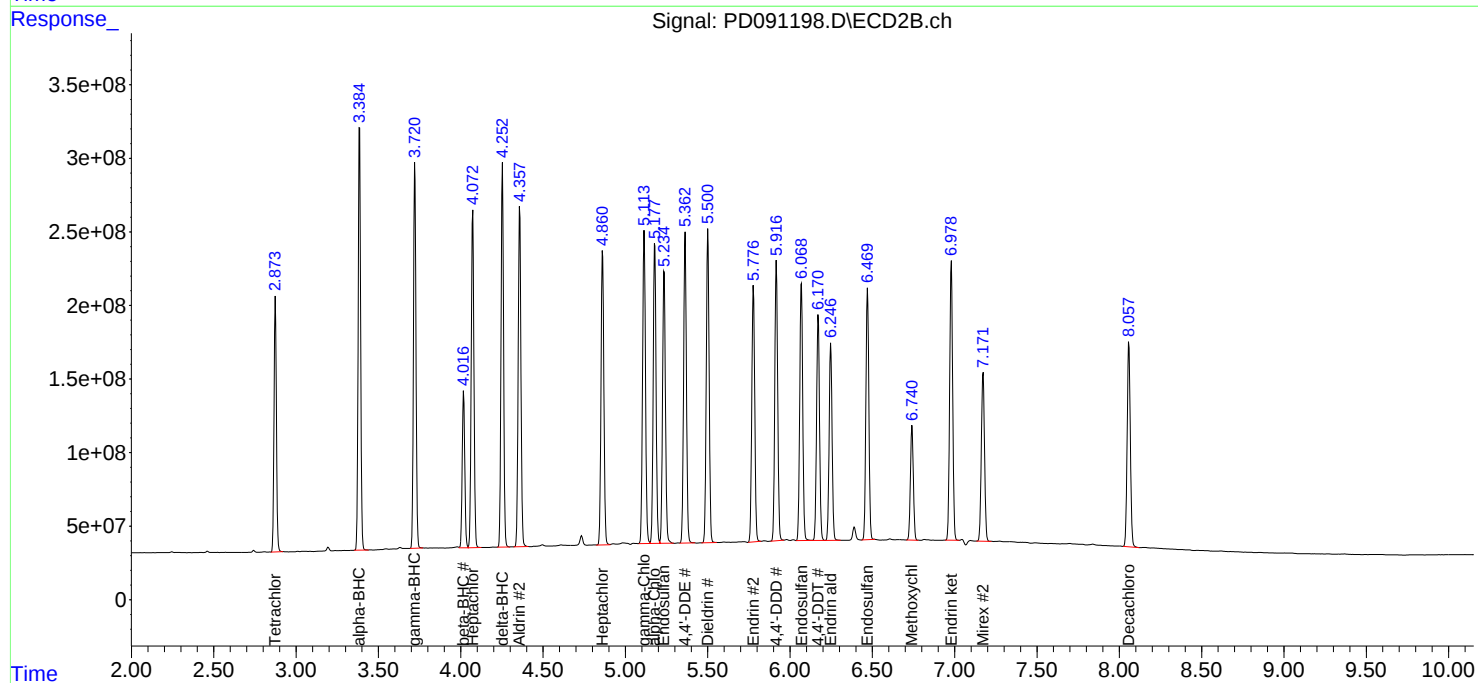
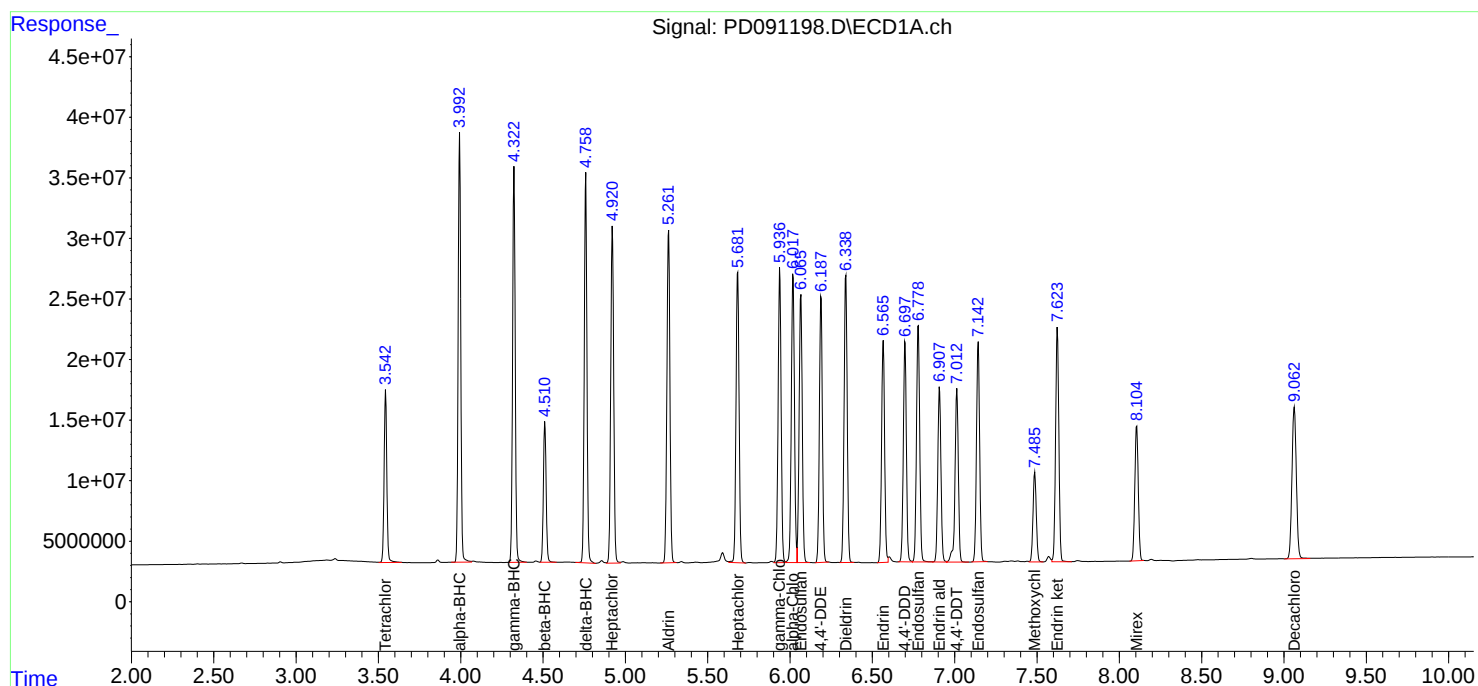
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	86373657	910.5E6	26.477	26.332
28)	SA Decachlor...	9.065	8.060	123.8E6	968.9E6	26.720	26.098
Target Compounds							
2)	A alpha-BHC	3.993	3.385	190.3E6	1552.3E6	24.183	25.870
3)	MA gamma-BHC...	4.324	3.721	179.1E6	1424.8E6	24.470	25.927
4)	MA Heptachlor	4.921	4.073	172.6E6	1376.5E6	24.928	26.299
5)	MB Aldrin	5.263	4.358	175.8E6	1404.6E6	25.138	26.184
6)	B beta-BHC	4.511	4.018	71261837	597.0E6	26.184	26.382
7)	B delta-BHC	4.759	4.253	177.1E6	1438.1E6	24.324	25.989
8)	B Heptachlo...	5.683	4.862	158.2E6	1272.1E6	25.525	26.479
9)	A Endosulfan I	6.066	5.236	149.8E6	1202.9E6	25.783	26.533
10)	B gamma-Chl...	5.938	5.115	157.8E6	1355.6E6	25.412	26.083
11)	B alpha-Chl...	6.019	5.179	163.3E6	1301.1E6	26.071	26.181
12)	B 4,4'-DDE	6.189	5.363	139.9E6	1326.0E6	25.010	26.303
13)	MA Dieldrin	6.340	5.502	156.6E6	1359.8E6	25.176	26.361
14)	MA Endrin	6.567	5.778	119.1E6	1124.9E6	24.935	26.153
15)	B Endosulfa...	6.780	6.070	135.5E6	1168.5E6	25.790	26.463
16)	A 4,4'-DDD	6.699	5.918	119.1E6	1222.9E6	25.297	26.527
17)	MA 4,4'-DDT	7.015	6.172	99345097	968.7E6	24.692	25.342
18)	B Endrin al...	6.909	6.248	102.2E6	882.3E6	26.325	26.609
19)	B Endosulfa...	7.144	6.472	125.6E6	1118.0E6	25.803	26.271
20)	A Methoxychlor	7.488	6.743	53585924	505.3E6	26.164	26.091
21)	B Endrin ke...	7.624	6.981	137.7E6	1278.6E6	25.857	26.519
22)	Mirex	8.106	7.173	88650675	829.2E6	26.994	26.629

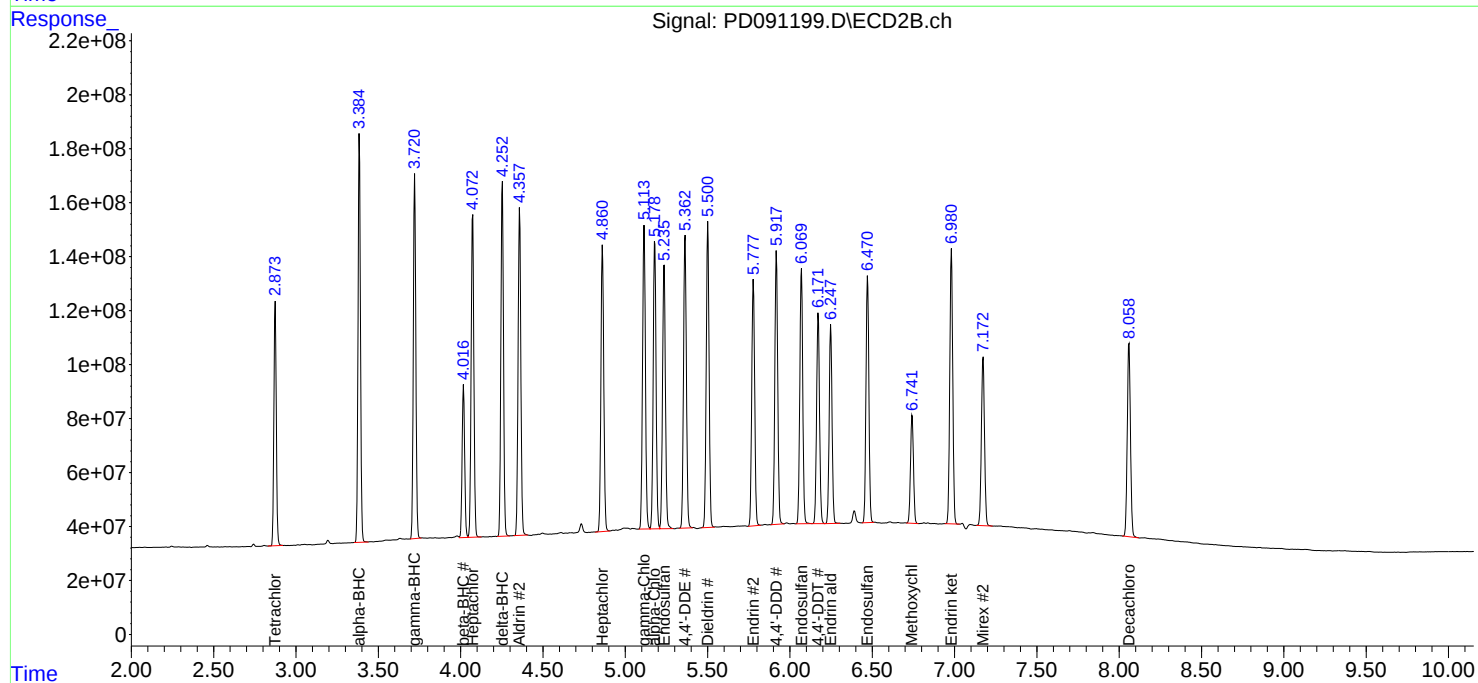
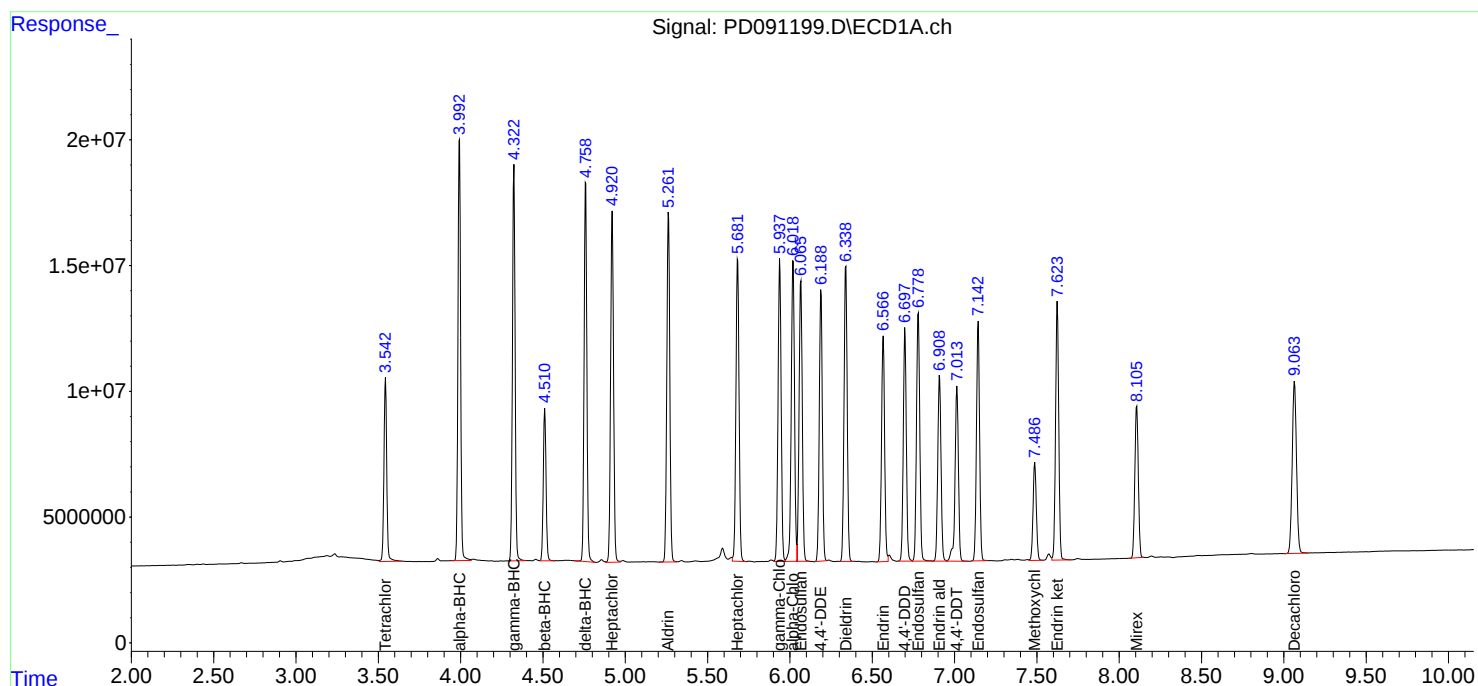
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	21004307	230.0E6	6.439m	6.652m
28)	SA Decachlor...	9.063	8.059	32689037	250.4E6	7.056	6.744
Target Compounds							
2)	A alpha-BHC	3.992	3.385	41908732	387.2E6	5.325	6.452
3)	MA gamma-BHC...	4.323	3.721	40207275	354.8E6	5.494	6.456
4)	MA Heptachlor	4.919	4.073	40291748	345.5E6	5.820m	6.600
5)	MB Aldrin	5.262	4.358	41159200	352.4E6	5.884	6.570
6)	B beta-BHC	4.511	4.017	18349309	154.0E6	6.742	6.806
7)	B delta-BHC	4.757	4.253	39887495	365.3E6	5.480m	6.601
8)	B Heptachlo...	5.681	4.862	38568147	328.6E6	6.223m	6.841
9)	A Endosulfan I	6.067	5.236	37227156	303.9E6	6.408	6.704
10)	B gamma-Chl...	5.939	5.114	37561958	337.9E6	6.047	6.502
11)	B alpha-Chl...	6.019	5.179	45659405	326.3E6	7.291	6.566
12)	B 4,4'-DDE	6.188	5.363	32717510	339.1E6	5.848	6.726
13)	MA Dieldrin	6.339	5.502	37022298	341.3E6	5.952	6.617
14)	MA Endrin	6.566	5.778	28273962	282.4E6	5.921	6.567
15)	B Endosulfa...	6.780	6.070	34393712	298.2E6	6.546	6.753
16)	A 4,4'-DDD	6.699	5.918	28725548	312.5E6	6.103	6.780
17)	MA 4,4'-DDT	7.014	6.172	22714196	221.4E6	5.646	5.792
18)	B Endrin al...	6.908	6.248	26987398	231.8E6	6.952	6.989
19)	B Endosulfa...	7.143	6.471	31867215	285.5E6	6.547	6.709
20)	A Methoxychlor	7.487	6.742	13392299	120.2E6	6.539	6.205
21)	B Endrin ke...	7.624	6.980	34435592	326.5E6	6.467	6.772
22)	Mirex	8.105	7.173	23674832	213.6E6	7.209	6.859

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

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

Instrument :

ECD_D

Client Sample Id :

PSTDICC005

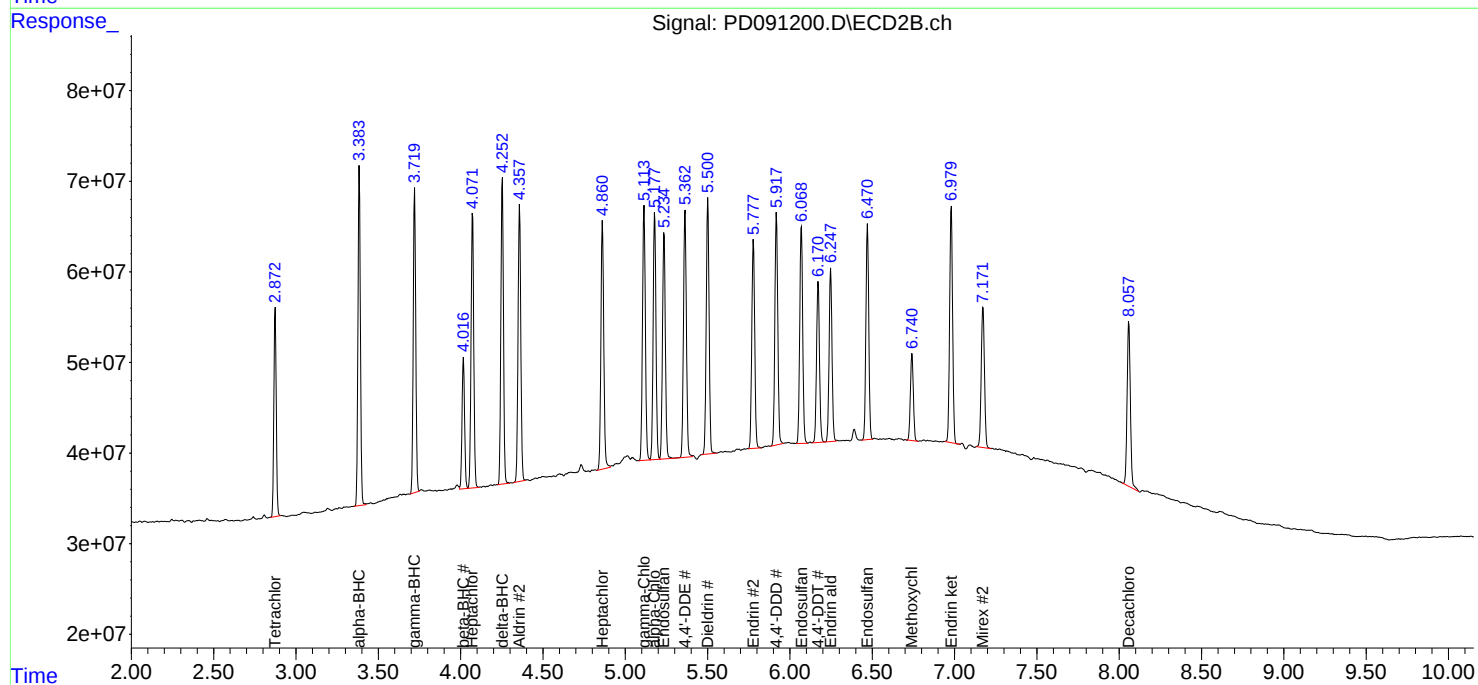
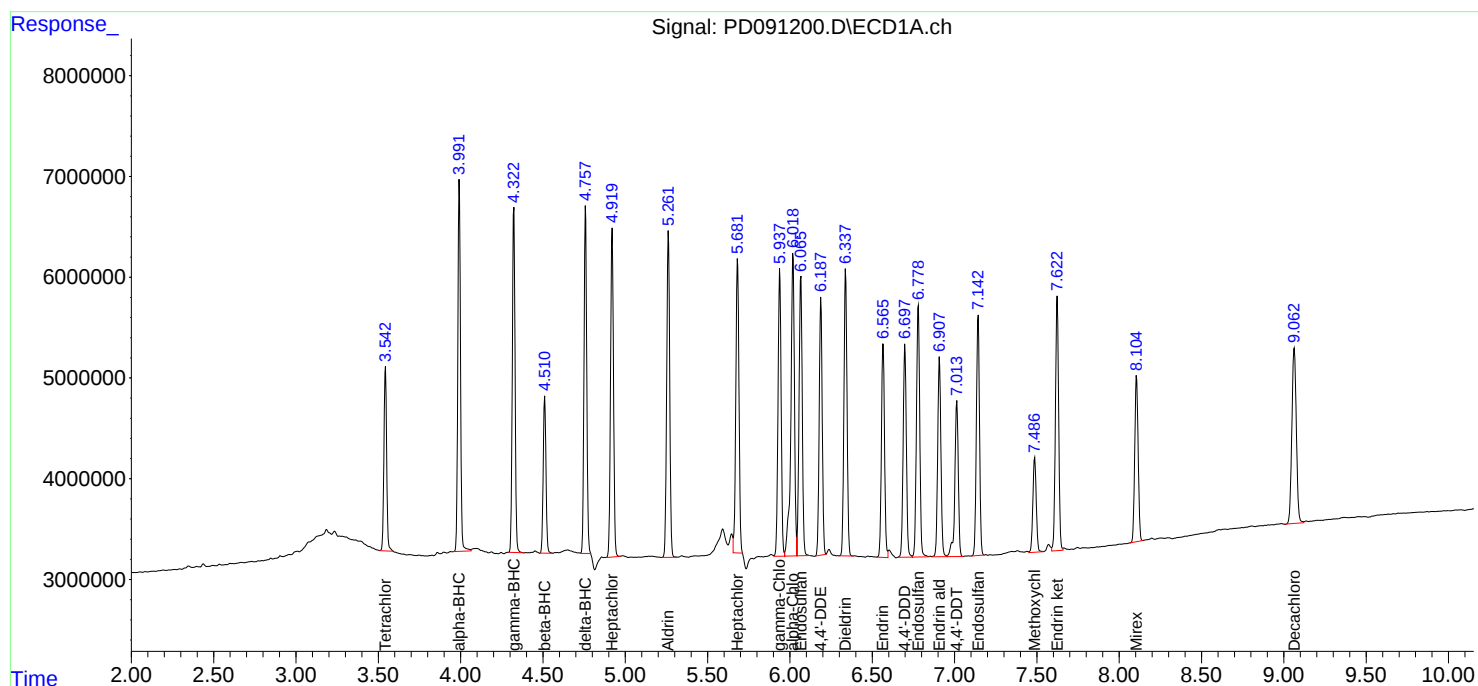
Manual Integrations

APPROVED

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

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

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

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

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

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

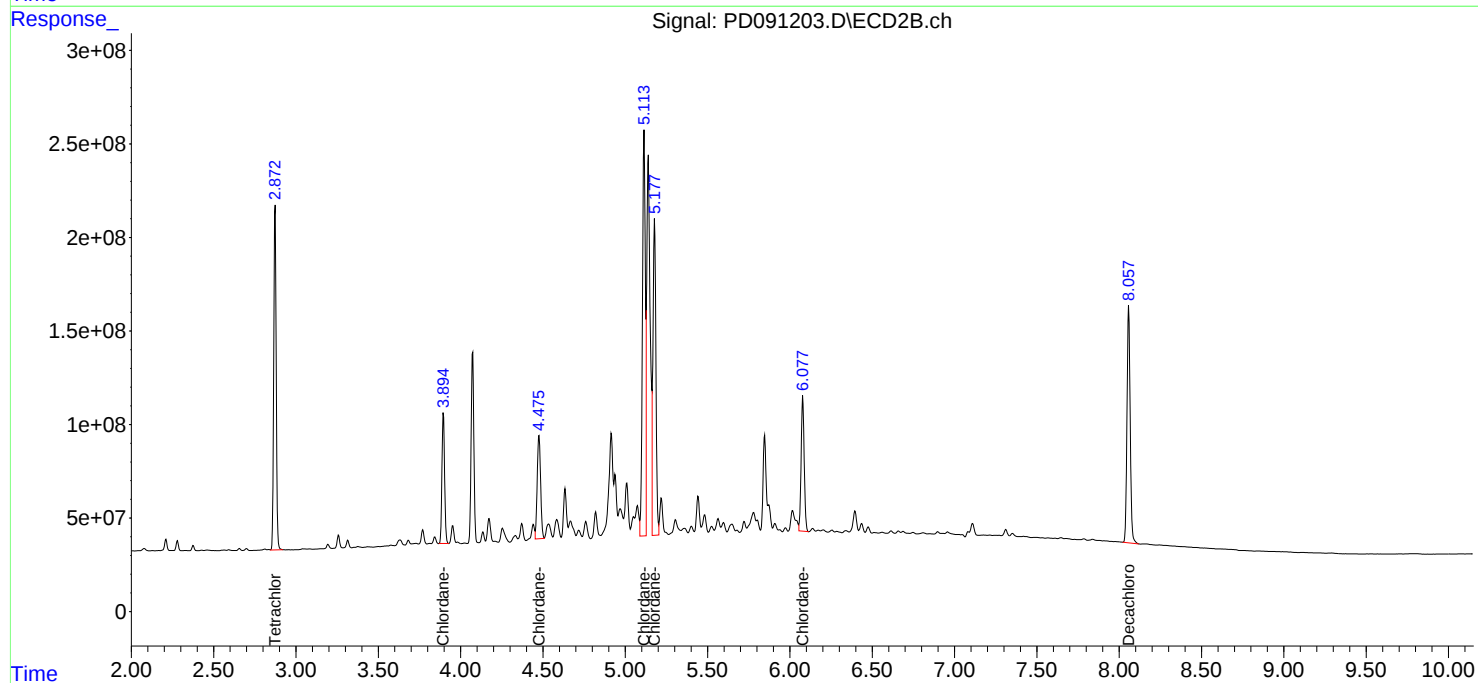
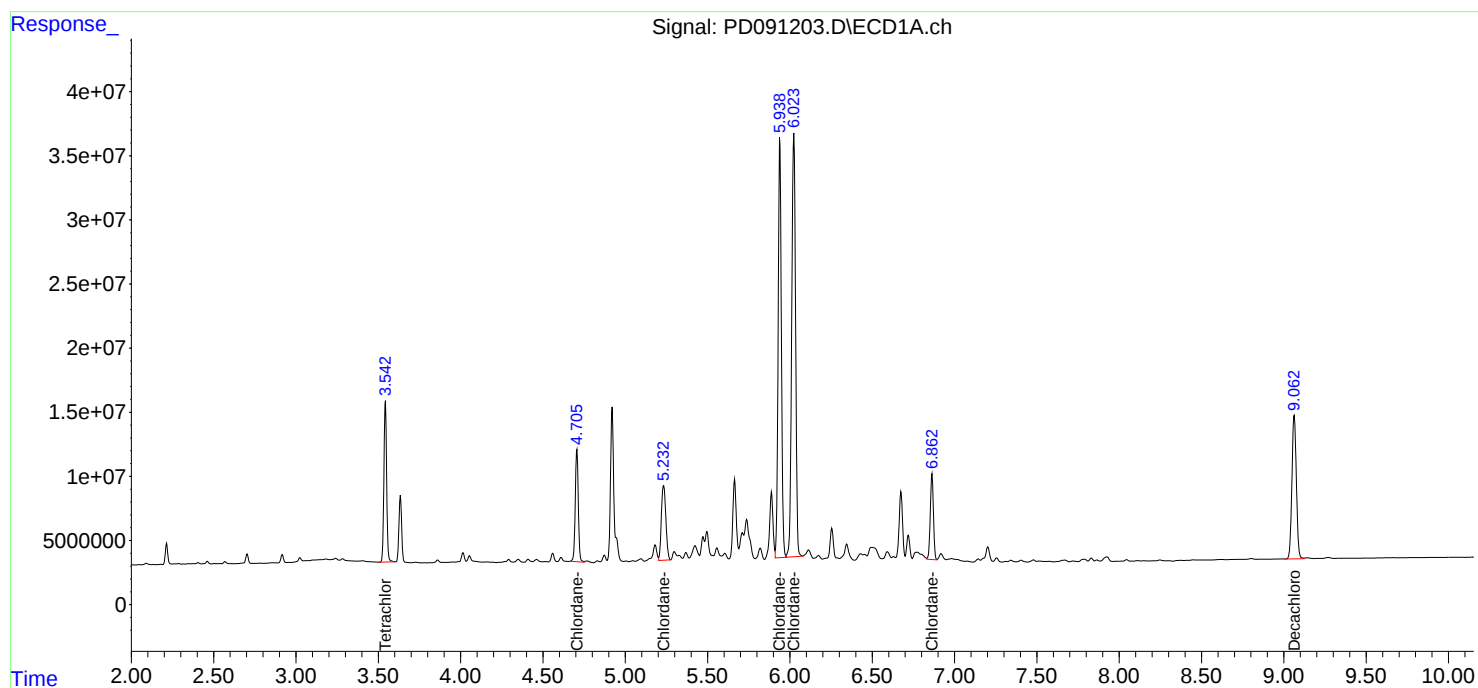
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 05:12:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 05:11:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

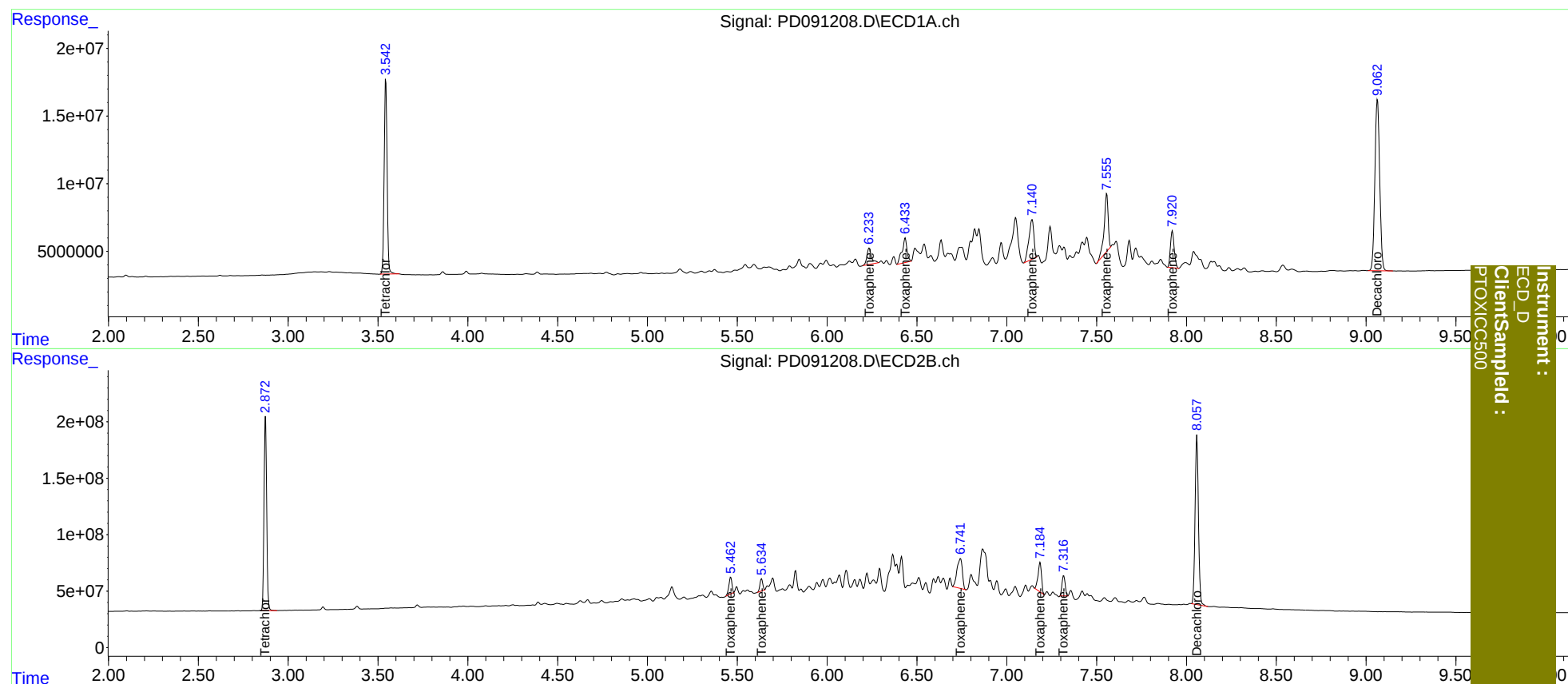
System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.874	163.5E6	1762.4E6	50.000	50.000
7) SA Decachlor...	9.063	8.058	236.5E6	1944.6E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.234	5.463	21406071	174.2E6	500.000	500.000
3) Toxaphene-2	6.435	5.635	34489739	115.5E6	500.000	500.000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

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

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:12:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:11:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	162.5E6	1718.4E6	47.132	46.911
28)	SA Decachlor...	9.063	8.058	232.3E6	1905.9E6	46.634	48.160
Target Compounds							
2)	A alpha-BHC	3.993	3.385	390.8E6	2984.9E6	48.872	47.228
3)	MA gamma-BHC...	4.324	3.721	361.9E6	2728.5E6	48.435	47.188
4)	MA Heptachlor	4.921	4.073	342.0E6	2581.9E6	47.755	46.765
5)	MB Aldrin	5.262	4.358	348.3E6	2666.1E6	47.995	47.222
6)	B beta-BHC	4.511	4.017	135.0E6	1124.4E6	46.461	46.799
7)	B delta-BHC	4.760	4.253	363.6E6	2741.9E6	48.917	46.888
8)	B Heptachlo...	5.683	4.862	313.5E6	2381.7E6	48.259	46.737
9)	A Endosulfan I	6.067	5.235	288.8E6	2250.9E6	47.010	47.039
10)	B gamma-Chl...	5.938	5.114	308.9E6	2585.4E6	47.516	47.328
11)	B alpha-Chl...	6.019	5.179	316.9E6	2460.3E6	46.047	47.013
12)	B 4,4'-DDE	6.188	5.363	276.9E6	2496.0E6	47.745	46.704
13)	MA Dieldrin	6.339	5.501	309.0E6	2552.1E6	47.803	46.991
14)	MA Endrin	6.566	5.778	234.4E6	2114.9E6	47.229	46.798
15)	B Endosulfa...	6.779	6.070	260.8E6	2189.8E6	46.913	46.910
16)	A 4,4'-DDD	6.698	5.917	235.1E6	2292.3E6	47.858	46.907
17)	MA 4,4'-DDT	7.014	6.171	197.9E6	1882.1E6	47.844	48.095
18)	B Endrin al...	6.908	6.248	193.5E6	1652.0E6	46.452	46.813
19)	B Endosulfa...	7.143	6.471	241.2E6	2113.4E6	46.888	47.137
20)	A Methoxychlor	7.487	6.742	101.6E6	965.3E6	46.720	48.141
21)	B Endrin ke...	7.623	6.980	268.5E6	2432.9E6	47.664	47.746
22)	Mirex	8.105	7.172	165.8E6	1568.2E6	46.599	47.322

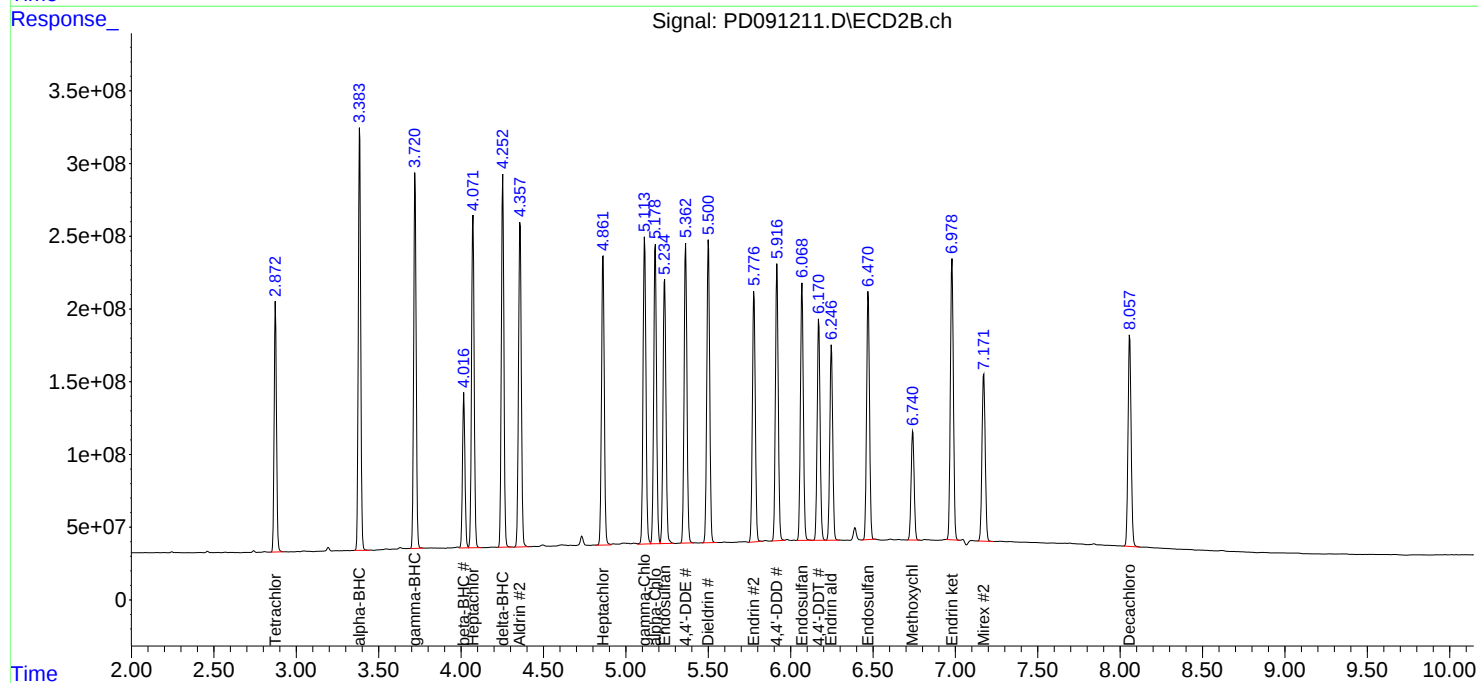
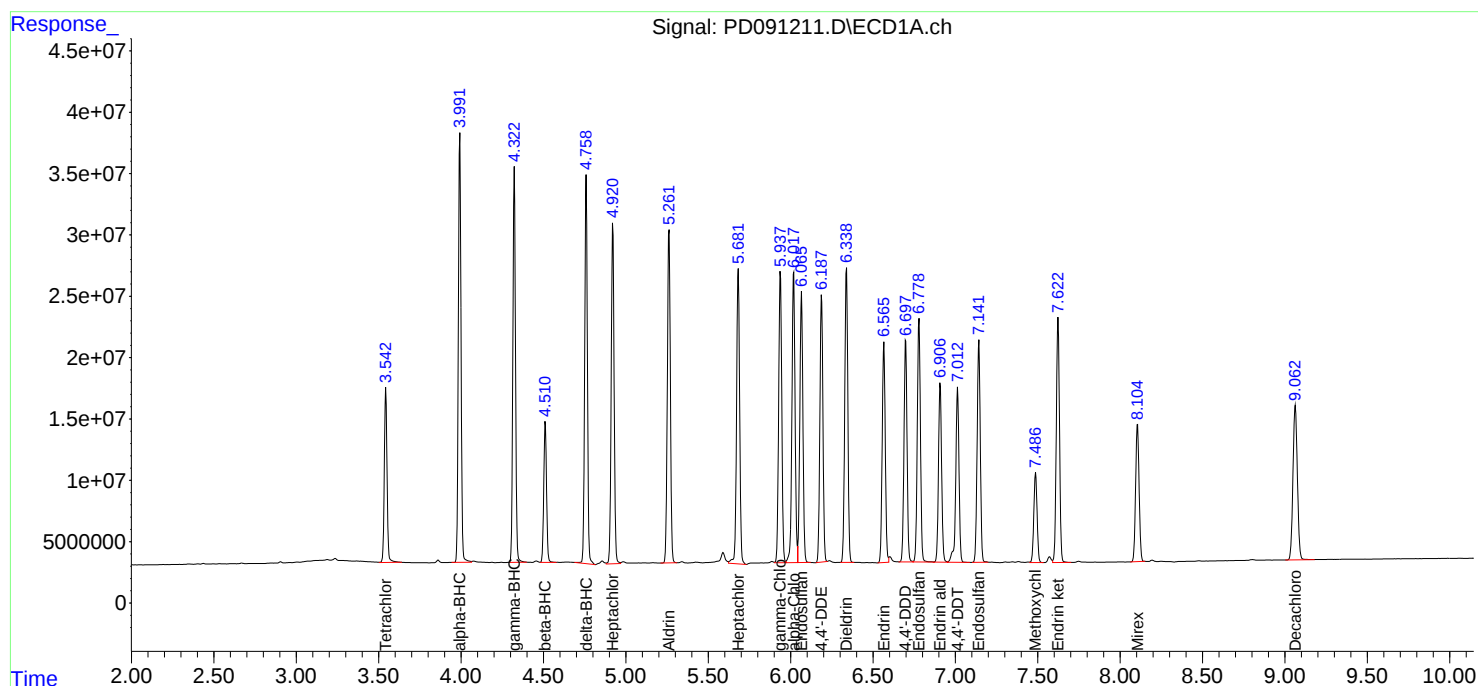
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
ICVPD111525

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525CHLOR

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

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

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

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

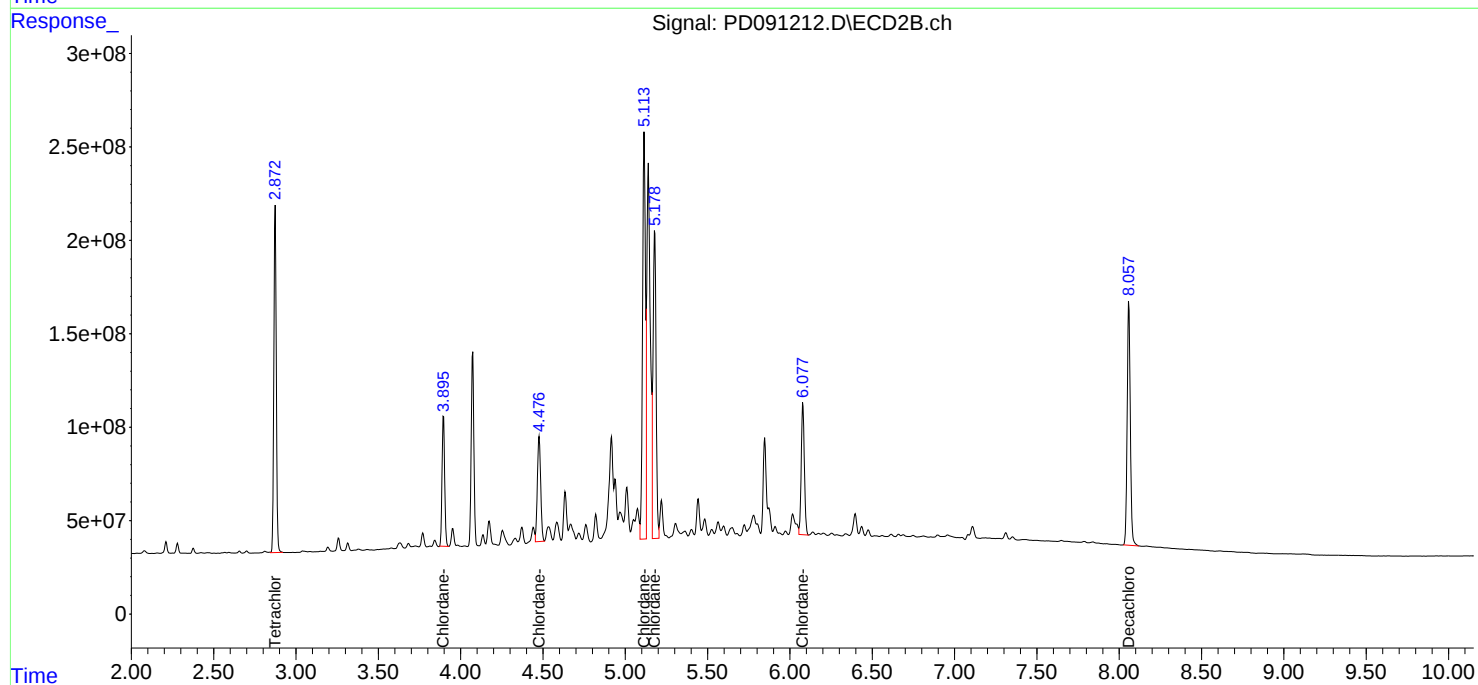
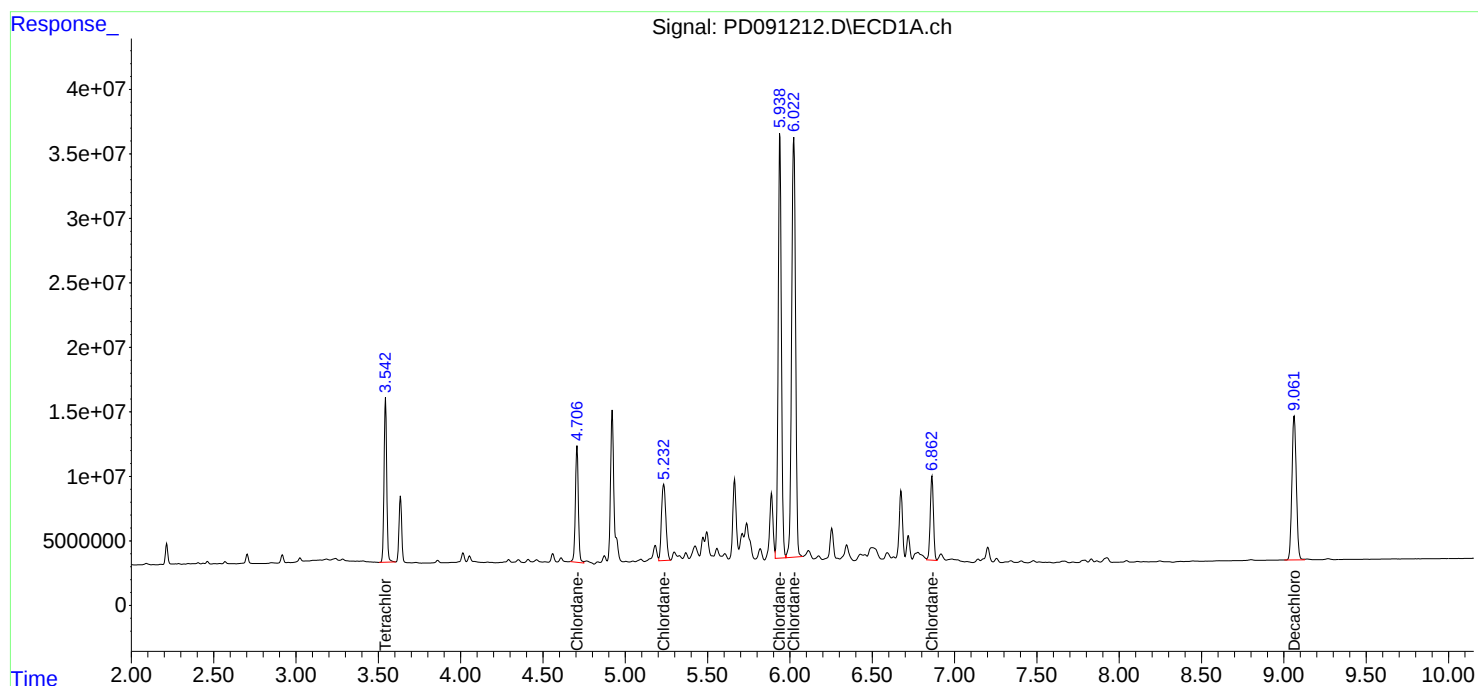
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD111525TOX

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

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

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

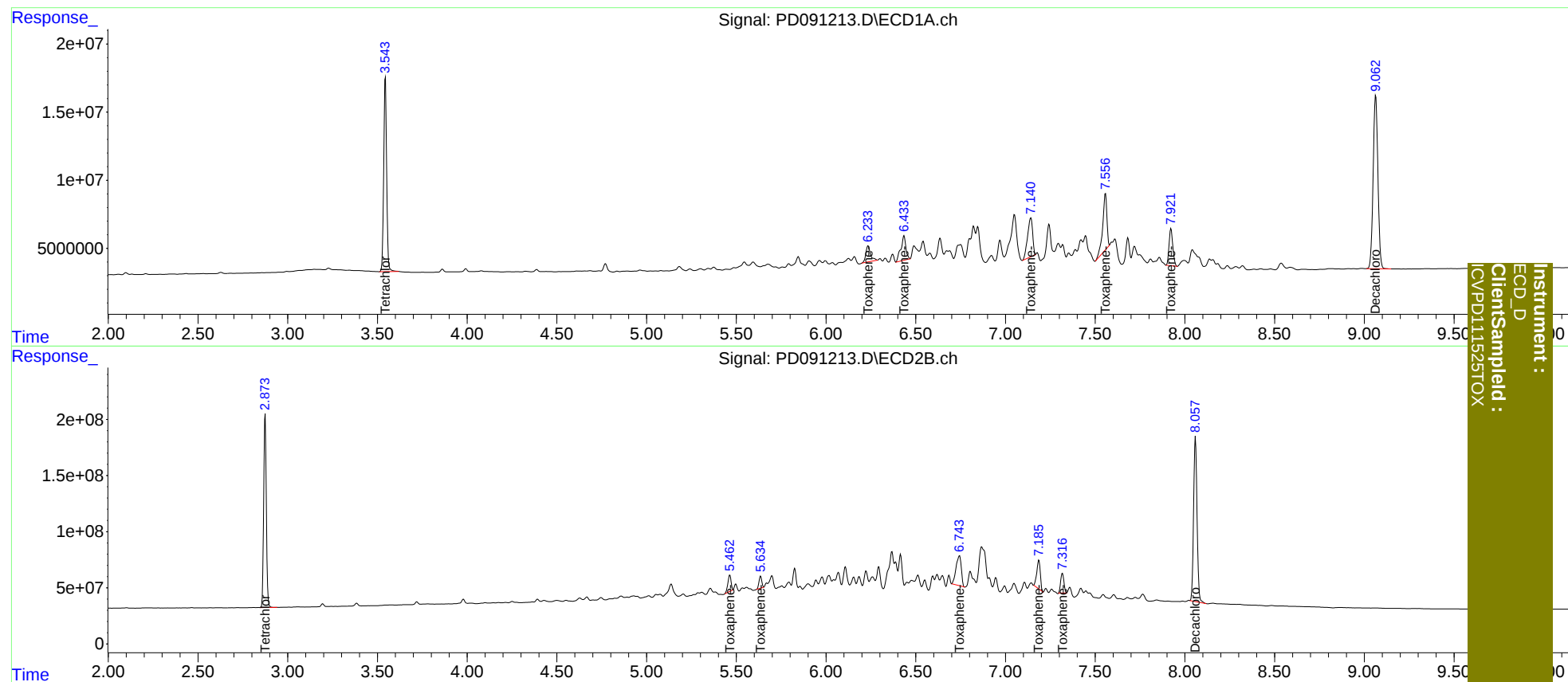
System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.874	163.1E6	1761.6E6	49.939	50.116
7) SA Decachlor...	9.063	8.059	235.5E6	1961.7E6	49.446	50.407
Target Compounds						
2) Toxaphene-1	6.234	5.464	21366491	177.4E6	506.837	508.980
3) Toxaphene-2	6.435	5.635	34816331	114.1E6	493.754	505.708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

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

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

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

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 12:24

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.71	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.92	6.91	6.81	7.01	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 12:24

Initial Calibration Time(s): 20:56

21:51

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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

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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.870	158.0E6	1776.2E6	45.823	48.489
2)	SA Decachlor...	9.071	8.058	220.3E6	2023.3E6	44.221	51.125
Target Compounds							
2)	A alpha-BHC	3.998	3.382	386.1E6	3085.3E6	48.292	48.816
3)	MA gamma-BHC...	4.329	3.718	358.0E6	2818.5E6	47.905	48.745
4)	MA Heptachlor	4.927	4.070	350.4E6	2545.3E6	48.924	46.103
5)	MB Aldrin	5.268	4.355	339.4E6	2769.0E6	46.768	49.045
6)	B beta-BHC	4.517	4.015	133.4E6	1145.8E6	45.912	47.686
7)	B delta-BHC	4.765	4.251	356.3E6	2825.8E6	47.942	48.323
8)	B Heptachlo...	5.689	4.860	304.8E6	2444.2E6	46.914	47.965
9)	A Endosulfan I	6.073	5.234	283.3E6	2199.0E6	46.118	45.955
10)	B gamma-Chl...	5.945	5.112	303.1E6	2701.1E6	46.623	49.446
11)	B alpha-Chl...	6.025	5.177	302.7E6	2559.7E6	43.986	48.914
12)	B 4,4'-DDE	6.195	5.362	269.6E6	2652.7E6	46.480	49.637
13)	MA Dieldrin	6.346	5.499	302.7E6	2611.4E6	46.818	48.082
14)	MA Endrin	6.573	5.776	254.6E6	2303.0E6	51.290	50.961
15)	B Endosulfa...	6.785	6.068	259.4E6	2280.6E6	46.669	48.855
16)	A 4,4'-DDD	6.705	5.917	223.0E6	2170.1E6	45.404	44.408
17)	MA 4,4'-DDT	7.021	6.170	221.5E6	2223.2E6	53.561	56.812
18)	B Endrin al...	6.915	6.246	188.9E6	1699.0E6	45.339	48.146
19)	B Endosulfa...	7.150	6.470	236.0E6	2230.3E6	45.879	49.744
20)	A Methoxychlor	7.494	6.741	112.4E6	1052.2E6	51.704	52.477
21)	B Endrin ke...	7.630	6.979	256.1E6	2432.0E6	45.463	47.728
22)	Mirex	8.112	7.171	163.5E6	1667.3E6	45.975	50.310

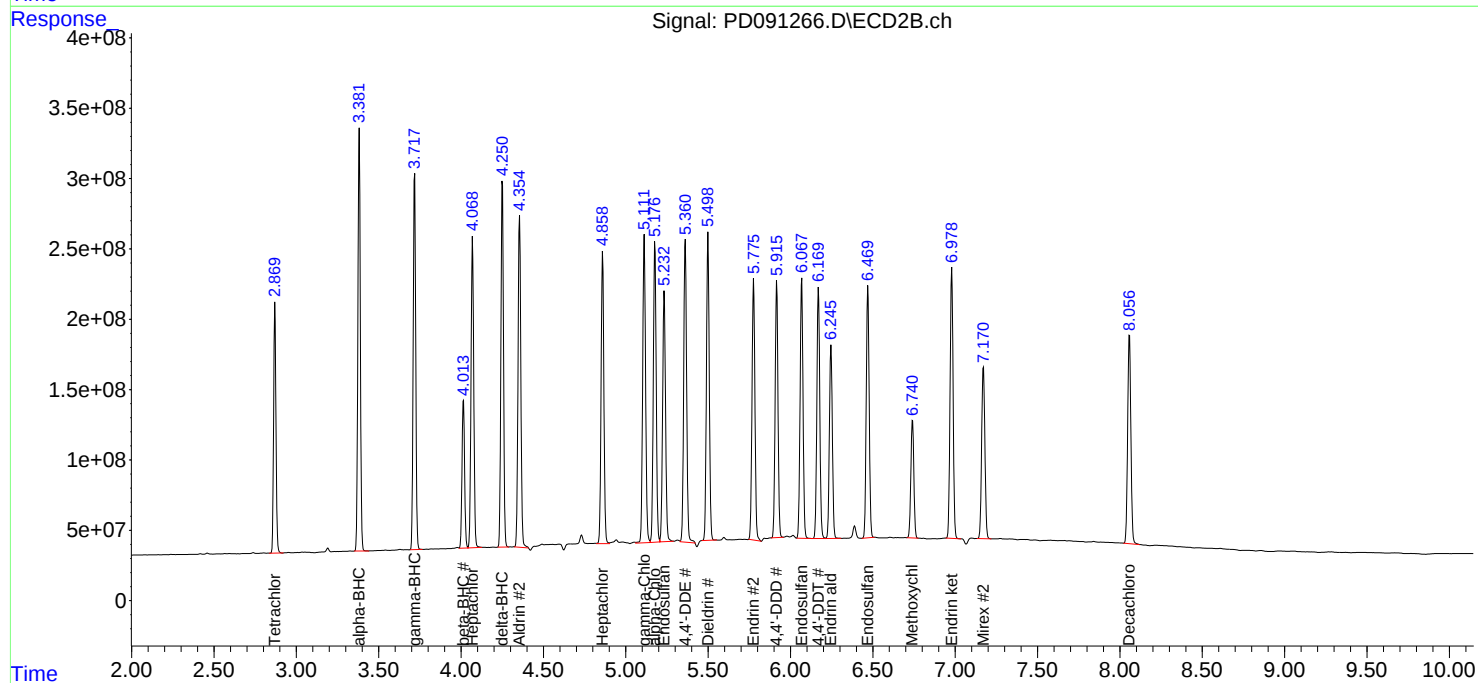
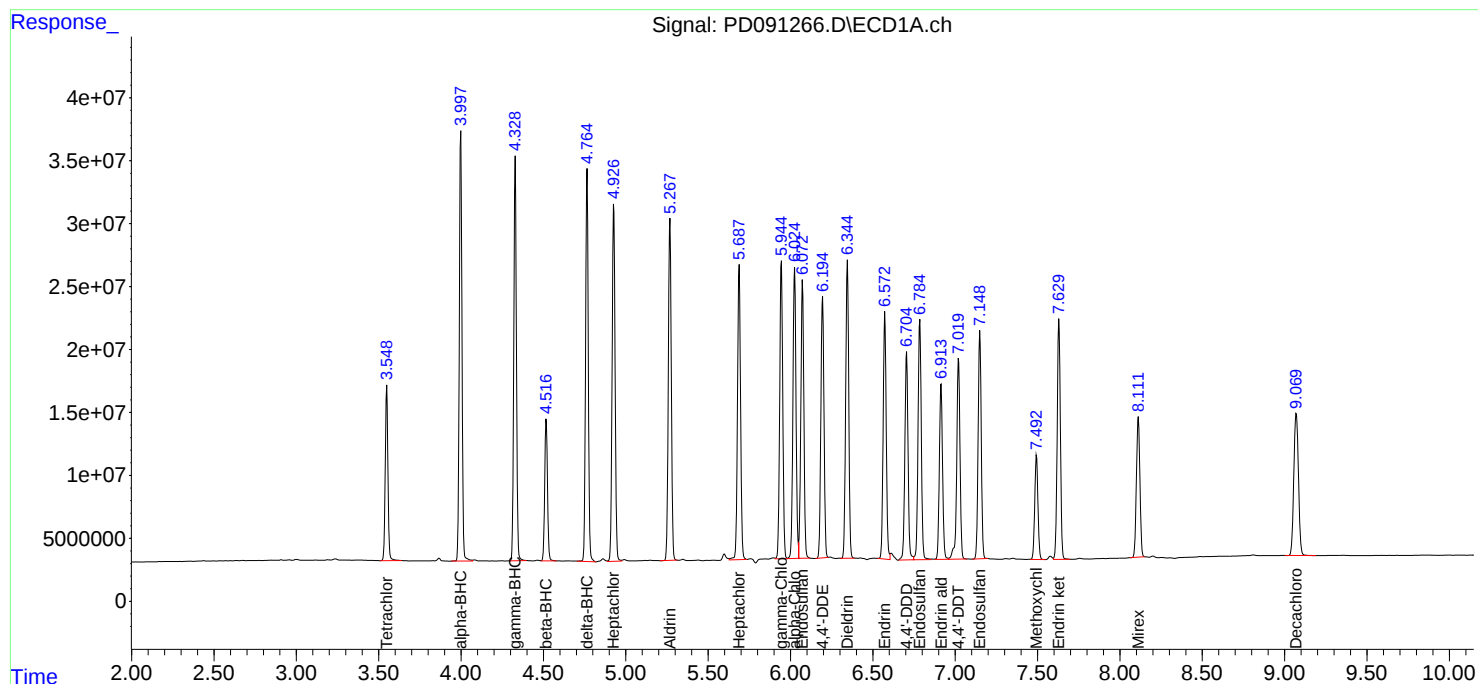
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 15:55

Initial Calibration Time(s): 20:56

21:51

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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

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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:30:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

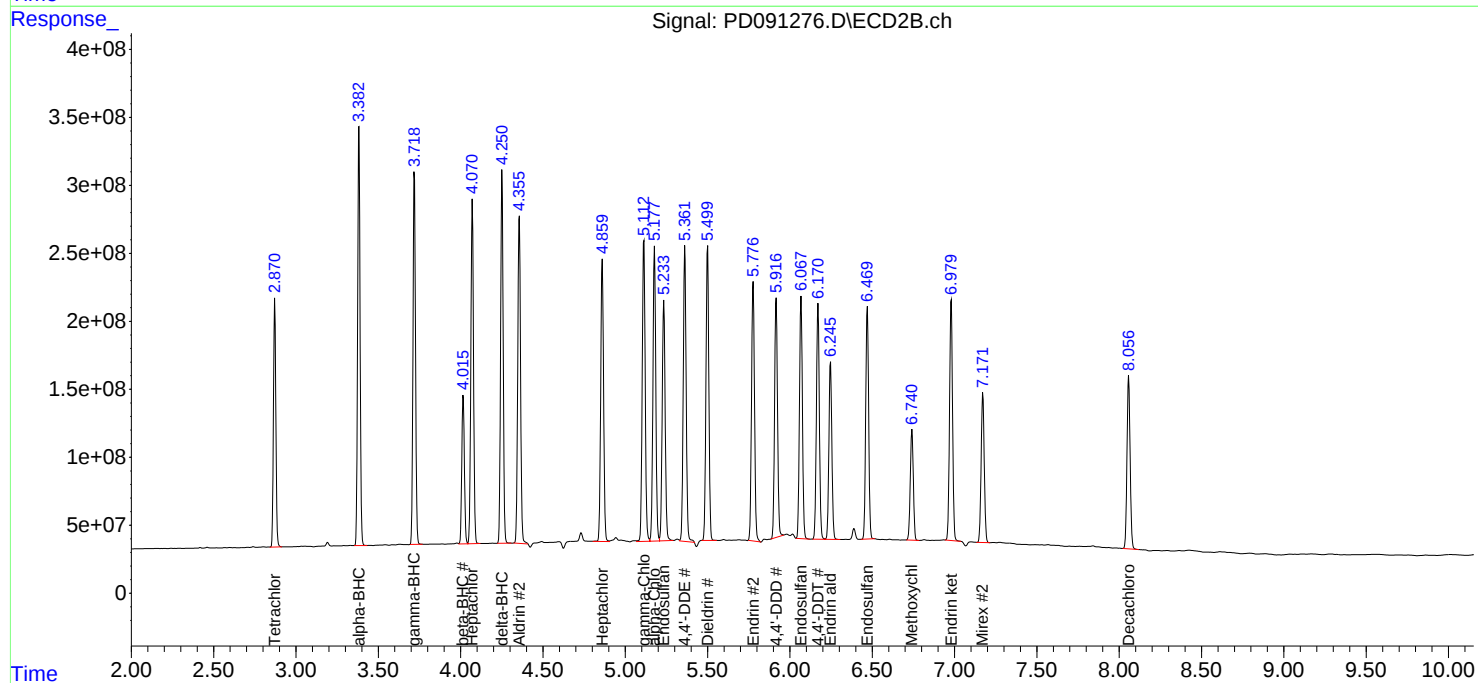
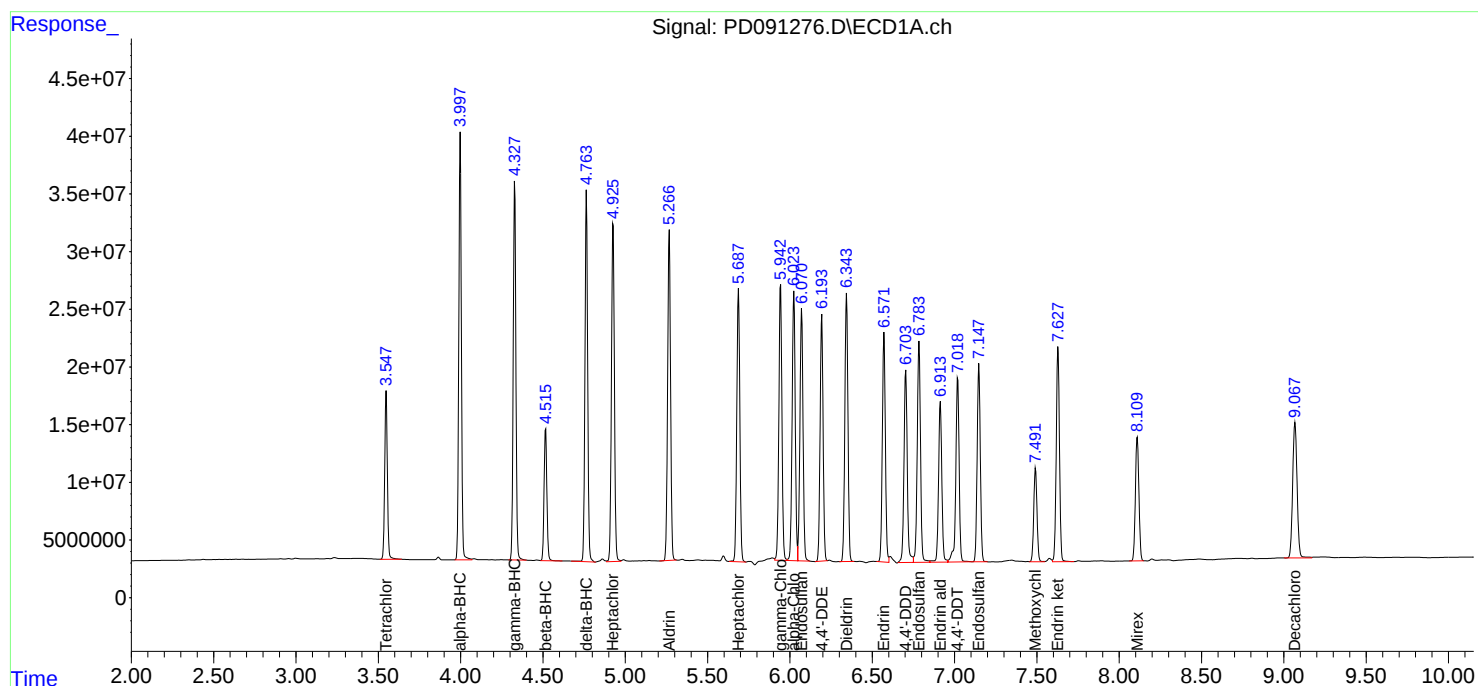
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 18:40

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.06	6.07	5.97	6.17	0.01
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.01
Endrin	6.56	6.57	6.47	6.67	0.01
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.48	7.49	7.39	7.59	0.01
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/19/2025

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

11/14/2025

Continuing Calib Time: 18:40

Initial Calibration Time(s): 20:56

21:51

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

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

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

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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

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

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

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

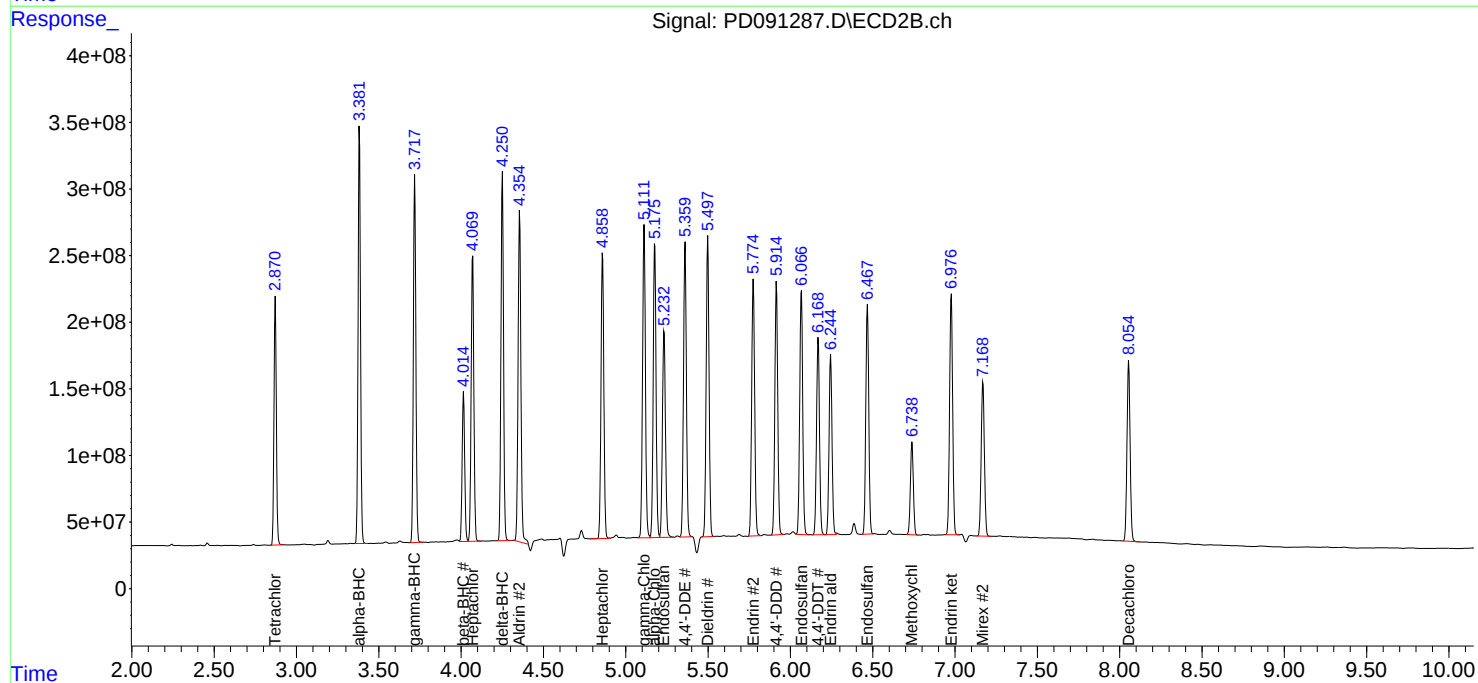
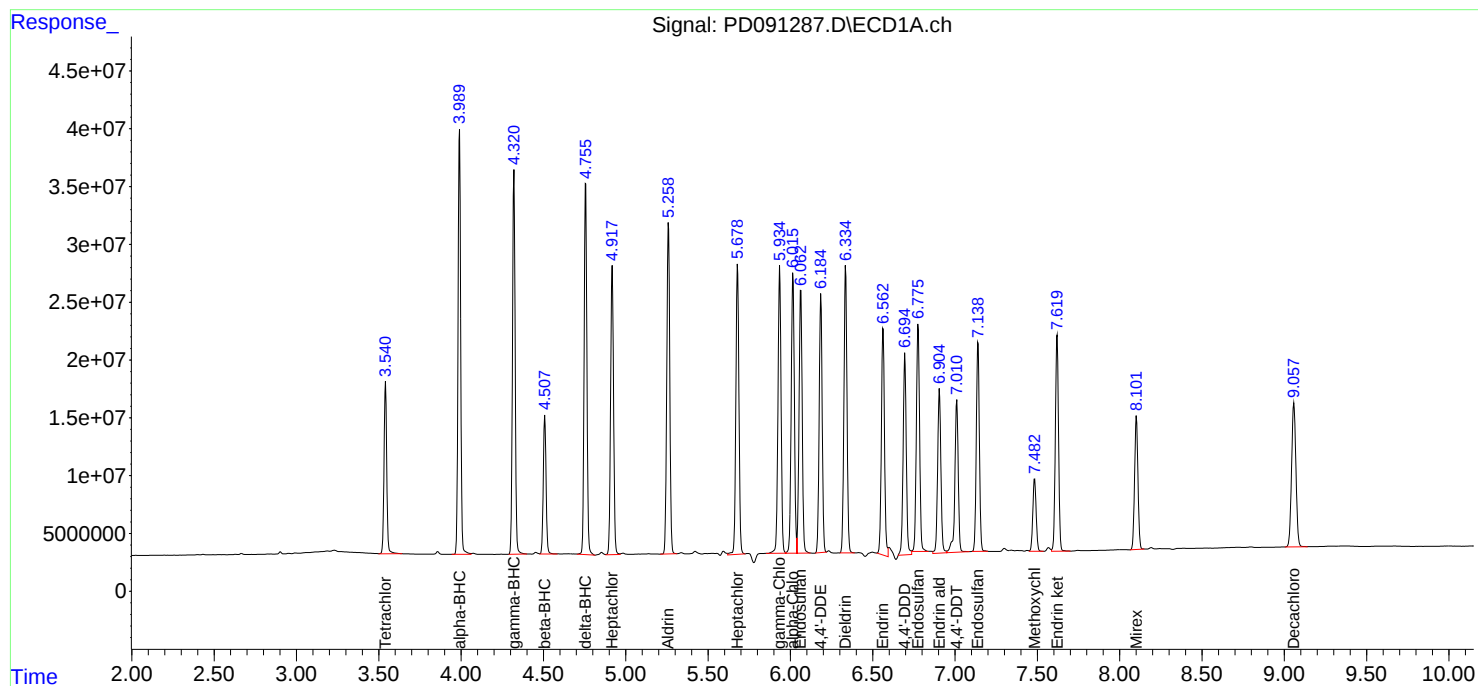
Manual Integrations

APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/21/2025

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

11/14/2025

Continuing Calib Time: 09:59

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	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	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/21/2025

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

11/14/2025

Continuing Calib Time: 09:59

Initial Calibration Time(s): 20:56

21:51

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091330.D **Time Analyzed:** 09:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.703	6.599	6.799	46.950	50.000	-6.1
4,4'-DDE	6.192	6.089	6.289	45.660	50.000	-8.7
4,4'-DDT	7.018	6.914	7.114	51.500	50.000	3.0
Aldrin	5.266	5.163	5.363	46.580	50.000	-6.8
alpha-BHC	3.996	3.893	4.093	47.740	50.000	-4.5
alpha-Chlordane	6.022	5.919	6.119	43.730	50.000	-12.5
beta-BHC	4.515	4.411	4.611	45.540	50.000	-8.9
Decachlorobiphenyl	9.067	8.963	9.163	44.580	50.000	-10.8
delta-BHC	4.763	4.660	4.860	46.810	50.000	-6.4
Dieldrin	6.343	6.239	6.439	46.540	50.000	-6.9
Endosulfan I	6.070	5.966	6.166	46.000	50.000	-8.0
Endosulfan II	6.783	6.679	6.879	47.840	50.000	-4.3
Endosulfan sulfate	7.147	7.043	7.243	45.010	50.000	-10.0
Endrin	6.570	6.466	6.666	49.740	50.000	-0.5
Endrin aldehyde	6.912	6.808	7.008	45.750	50.000	-8.5
Endrin ketone	7.627	7.524	7.724	45.390	50.000	-9.2
gamma-BHC (Lindane)	4.327	4.224	4.424	47.550	50.000	-4.9
gamma-Chlordane	5.942	5.838	6.038	46.700	50.000	-6.6
Heptachlor	4.925	4.821	5.021	47.780	50.000	-4.4
Heptachlor epoxide	5.686	5.582	5.782	45.660	50.000	-8.7
Methoxychlor	7.490	7.387	7.587	49.380	50.000	-1.2
Tetrachloro-m-xylene	3.547	3.444	3.644	46.760	50.000	-6.5



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091330.D **Time Analyzed:** 09:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.916	5.817	6.017	47.560	50.000	-4.9
4,4'-DDE	5.361	5.263	5.463	52.100	50.000	4.2
4,4'-DDT	6.170	6.071	6.271	57.520	50.000	15.0
Aldrin	4.355	4.258	4.458	51.390	50.000	2.8
alpha-BHC	3.382	3.286	3.486	49.980	50.000	0.0
alpha-Chlordane	5.177	5.079	5.279	51.010	50.000	2.0
beta-BHC	4.015	3.918	4.118	48.850	50.000	-2.3
Decachlorobiphenyl	8.057	7.958	8.158	53.570	50.000	7.1
delta-BHC	4.251	4.153	4.353	50.060	50.000	0.1
Dieldrin	5.499	5.401	5.601	50.690	50.000	1.4
Endosulfan I	5.233	5.135	5.335	46.120	50.000	-7.8
Endosulfan II	6.068	5.969	6.169	50.500	50.000	1.0
Endosulfan sulfate	6.470	6.371	6.571	51.030	50.000	2.1
Endrin	5.776	5.678	5.878	54.950	50.000	9.9
Endrin aldehyde	6.246	6.148	6.348	50.390	50.000	0.8
Endrin ketone	6.979	6.880	7.080	50.620	50.000	1.2
gamma-BHC (Lindane)	3.718	3.621	3.821	50.120	50.000	0.2
gamma-Chlordane	5.112	5.014	5.214	51.320	50.000	2.6
Heptachlor	4.070	3.973	4.173	50.340	50.000	0.7
Heptachlor epoxide	4.859	4.762	4.962	50.450	50.000	0.9
Methoxychlor	6.741	6.641	6.841	55.330	50.000	10.7
Tetrachloro-m-xylene	2.870	2.774	2.974	50.920	50.000	1.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 09:59
 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 26 00:45:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.870	161.3E6	1865.1E6	46.758	50.917
28)	SA Decachlor...	9.067	8.057	222.1E6	2120.0E6	44.582	53.569
Target Compounds							
2)	A alpha-BHC	3.996	3.382	381.7E6	3158.9E6	47.742	49.981
3)	MA gamma-BHC...	4.327	3.718	355.4E6	2897.9E6	47.552	50.117
4)	MA Heptachlor	4.925	4.070	342.2E6	2779.2E6	47.778	50.340
5)	MB Aldrin	5.266	4.355	338.0E6	2901.2E6	46.577	51.386
6)	B beta-BHC	4.515	4.015	132.3E6	1173.7E6	45.540	48.851
7)	B delta-BHC	4.763	4.251	347.9E6	2927.5E6	46.810	50.062
8)	B Heptachlo...	5.686	4.859	296.6E6	2570.8E6	45.661	50.448
9)	A Endosulfan I	6.070	5.233	282.6E6	2207.1E6	46.004	46.124
10)	B gamma-Chl...	5.942	5.112	303.6E6	2803.7E6	46.699	51.324
11)	B alpha-Chl...	6.022	5.177	301.0E6	2669.6E6	43.730	51.013
12)	B 4,4'-DDE	6.192	5.361	264.8E6	2784.4E6	45.658	52.102
13)	MA Dieldrin	6.343	5.499	300.9E6	2752.8E6	46.541	50.686
14)	MA Endrin	6.570	5.776	246.9E6	2483.6E6	49.739	54.955
15)	B Endosulfa...	6.783	6.068	266.0E6	2357.3E6	47.841	50.499
16)	A 4,4'-DDD	6.703	5.916	230.6E6	2324.0E6	46.948	47.555
17)	MA 4,4'-DDT	7.018	6.170	213.0E6	2250.7E6	51.501	57.516
18)	B Endrin al...	6.912	6.246	190.6E6	1778.2E6	45.753	50.388
19)	B Endosulfa...	7.147	6.470	231.6E6	2288.1E6	45.008	51.033
20)	A Methoxychlor	7.490	6.741	107.4E6	1109.4E6	49.375	55.327
21)	B Endrin ke...	7.627	6.979	255.7E6	2579.6E6	45.393	50.624
22)	Mirex	8.109	7.170	172.2E6	1843.9E6	48.420	55.639

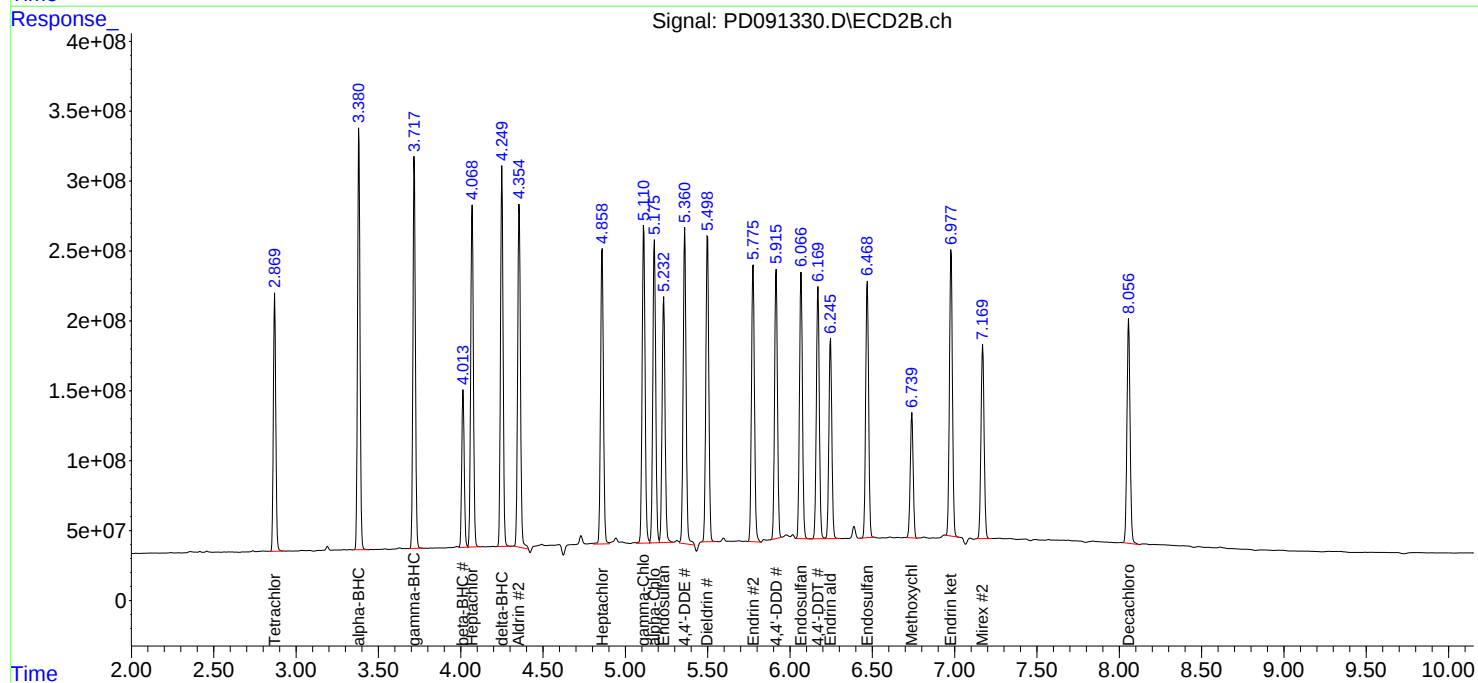
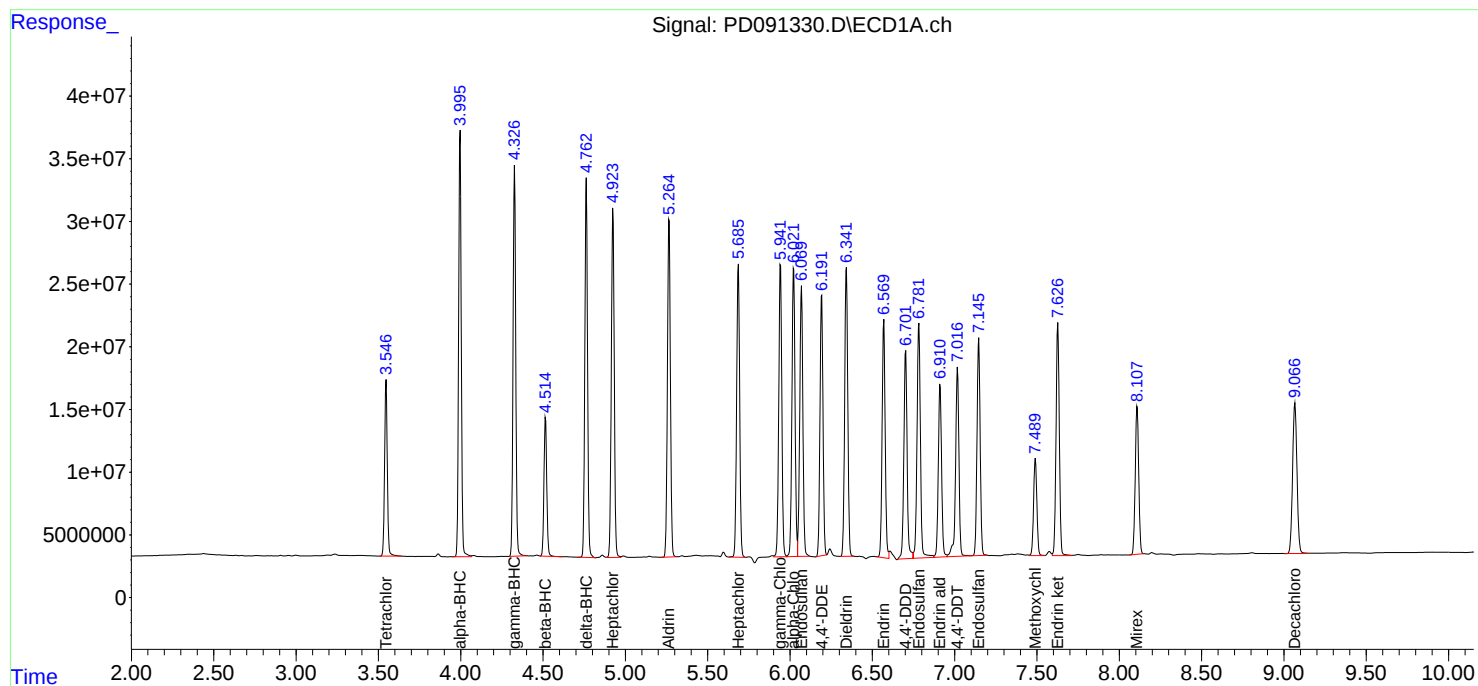
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 09:59
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 26 00:45:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/21/2025

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

11/14/2025

Continuing Calib Time: 15:02

Initial Calibration Time(s): 20:56

21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	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	6.56	6.57	6.47	6.67	0.01
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Continuing Calib Date: 11/21/2025

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

11/14/2025

Continuing Calib Time: 15:02

Initial Calibration Time(s): 20:56

21:51

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091346.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.697	6.599	6.799	44.820	50.000	-10.4
4,4'-DDE	6.187	6.089	6.289	45.120	50.000	-9.8
4,4'-DDT	7.012	6.914	7.114	46.980	50.000	-6.0
Aldrin	5.261	5.163	5.363	47.090	50.000	-5.8
alpha-BHC	3.991	3.893	4.093	49.170	50.000	-1.7
alpha-Chlordane	6.017	5.919	6.119	43.570	50.000	-12.9
beta-BHC	4.510	4.411	4.611	46.650	50.000	-6.7
Decachlorobiphenyl	9.060	8.963	9.163	44.030	50.000	-11.9
delta-BHC	4.757	4.660	4.860	47.890	50.000	-4.2
Dieldrin	6.337	6.239	6.439	45.950	50.000	-8.1
Endosulfan I	6.065	5.966	6.166	45.640	50.000	-8.7
Endosulfan II	6.778	6.679	6.879	46.130	50.000	-7.7
Endosulfan sulfate	7.141	7.043	7.243	43.990	50.000	-12.0
Endrin	6.564	6.466	6.666	48.220	50.000	-3.6
Endrin aldehyde	6.907	6.808	7.008	44.300	50.000	-11.4
Endrin ketone	7.622	7.524	7.724	44.590	50.000	-10.8
gamma-BHC (Lindane)	4.322	4.224	4.424	48.670	50.000	-2.7
gamma-Chlordane	5.936	5.838	6.038	46.560	50.000	-6.9
Heptachlor	4.920	4.821	5.021	47.020	50.000	-6.0
Heptachlor epoxide	5.681	5.582	5.782	46.060	50.000	-7.9
Methoxychlor	7.485	7.387	7.587	45.250	50.000	-9.5
Tetrachloro-m-xylene	3.542	3.444	3.644	48.720	50.000	-2.6



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08
Lab Code: ACE **SDG NO.:** Q3662
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091346.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.916	5.817	6.017	46.710	50.000	-6.6
4,4'-DDE	5.361	5.263	5.463	51.760	50.000	3.5
4,4'-DDT	6.169	6.071	6.271	51.010	50.000	2.0
Aldrin	4.356	4.258	4.458	51.780	50.000	3.6
alpha-BHC	3.383	3.286	3.486	50.870	50.000	1.7
alpha-Chlordane	5.177	5.079	5.279	50.680	50.000	1.4
beta-BHC	4.016	3.918	4.118	49.500	50.000	-1.0
Decachlorobiphenyl	8.057	7.958	8.158	46.720	50.000	-6.6
delta-BHC	4.252	4.153	4.353	50.400	50.000	0.8
Dieldrin	5.499	5.401	5.601	49.980	50.000	0.0
Endosulfan I	5.233	5.135	5.335	45.700	50.000	-8.6
Endosulfan II	6.068	5.969	6.169	48.430	50.000	-3.1
Endosulfan sulfate	6.469	6.371	6.571	47.930	50.000	-4.1
Endrin	5.776	5.678	5.878	52.950	50.000	5.9
Endrin aldehyde	6.245	6.148	6.348	47.330	50.000	-5.3
Endrin ketone	6.978	6.880	7.080	47.250	50.000	-5.5
gamma-BHC (Lindane)	3.720	3.621	3.821	50.920	50.000	1.8
gamma-Chlordane	5.112	5.014	5.214	51.090	50.000	2.2
Heptachlor	4.071	3.973	4.173	50.530	50.000	1.1
Heptachlor epoxide	4.859	4.762	4.962	50.040	50.000	0.1
Methoxychlor	6.740	6.641	6.841	48.840	50.000	-2.3
Tetrachloro-m-xylene	2.872	2.774	2.974	51.680	50.000	3.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 15:02
 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 26 00:49:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	168.0E6	1893.0E6	48.722	51.678
2)	SA Decachlor...	9.060	8.057	219.4E6	1849.0E6	44.032	46.721
Target Compounds							
2)	A alpha-BHC	3.991	3.383	393.1E6	3215.4E6	49.169	50.875
3)	MA gamma-BHC...	4.322	3.720	363.7E6	2944.1E6	48.666	50.917
4)	MA Heptachlor	4.920	4.071	336.7E6	2789.6E6	47.020	50.528
5)	MB Aldrin	5.261	4.356	341.7E6	2923.6E6	47.095	51.783
6)	B beta-BHC	4.510	4.016	135.6E6	1189.2E6	46.654	49.495
7)	B delta-BHC	4.757	4.252	355.9E6	2947.0E6	47.889	50.395
8)	B Heptachlo...	5.681	4.859	299.2E6	2550.2E6	46.057	50.045
9)	A Endosulfan I	6.065	5.233	280.4E6	2186.8E6	45.640	45.699
10)	B gamma-Chl...	5.936	5.112	302.7E6	2791.0E6	46.559	51.091
11)	B alpha-Chl...	6.017	5.177	299.9E6	2652.1E6	43.566	50.680
12)	B 4,4'-DDE	6.187	5.361	261.7E6	2766.0E6	45.118	51.757
13)	MA Dieldrin	6.337	5.499	297.1E6	2714.5E6	45.949	49.980
14)	MA Endrin	6.564	5.776	239.4E6	2392.8E6	48.223	52.946
15)	B Endosulfa...	6.778	6.068	256.5E6	2260.6E6	46.133	48.428
16)	A 4,4'-DDD	6.697	5.916	220.1E6	2282.9E6	44.817	46.714
17)	MA 4,4'-DDT	7.012	6.169	194.3E6	1996.3E6	46.979	51.014
18)	B Endrin al...	6.907	6.245	184.5E6	1670.1E6	44.298	47.326
19)	B Endosulfa...	7.141	6.469	226.3E6	2148.8E6	43.993	47.927
20)	A Methoxychlor	7.485	6.740	98391706	979.4E6	45.251	48.843
21)	B Endrin ke...	7.622	6.978	251.2E6	2407.8E6	44.588	47.252
22)	Mirex	8.104	7.170	168.4E6	1664.5E6	47.344	50.228

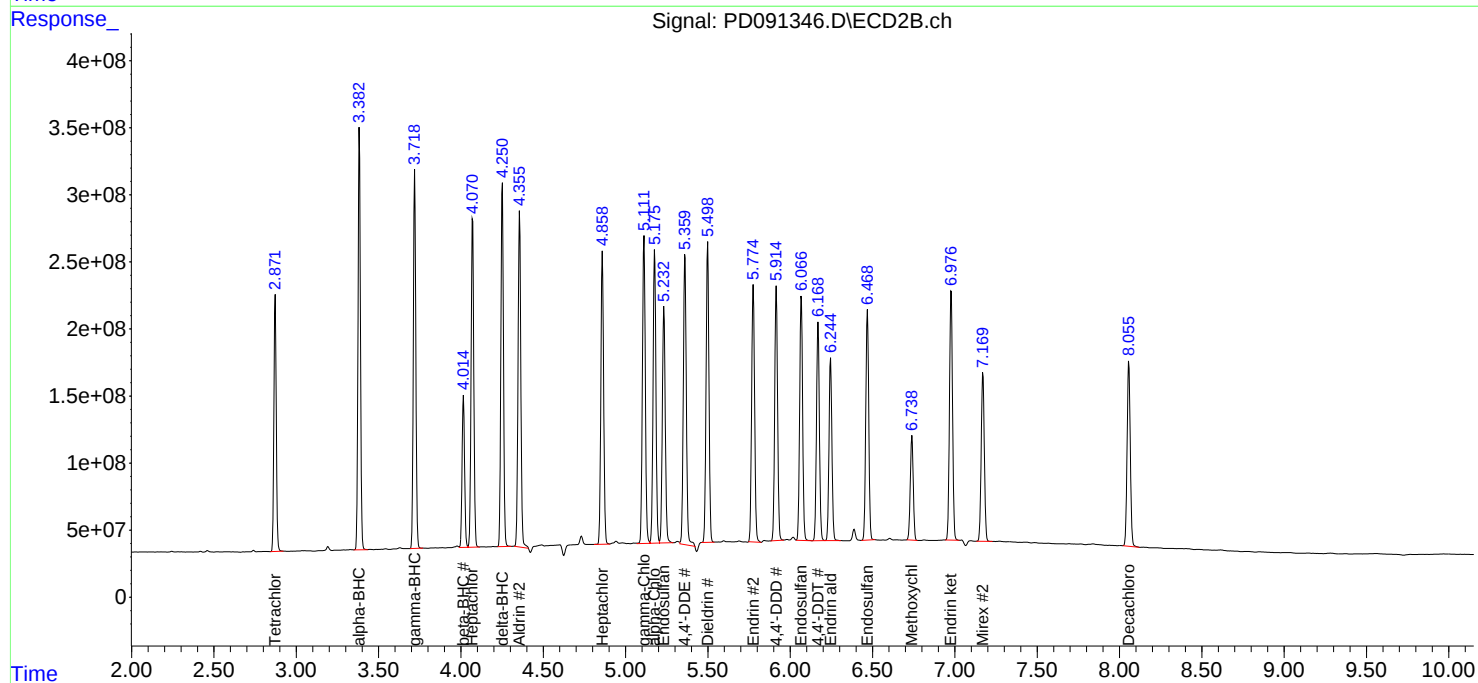
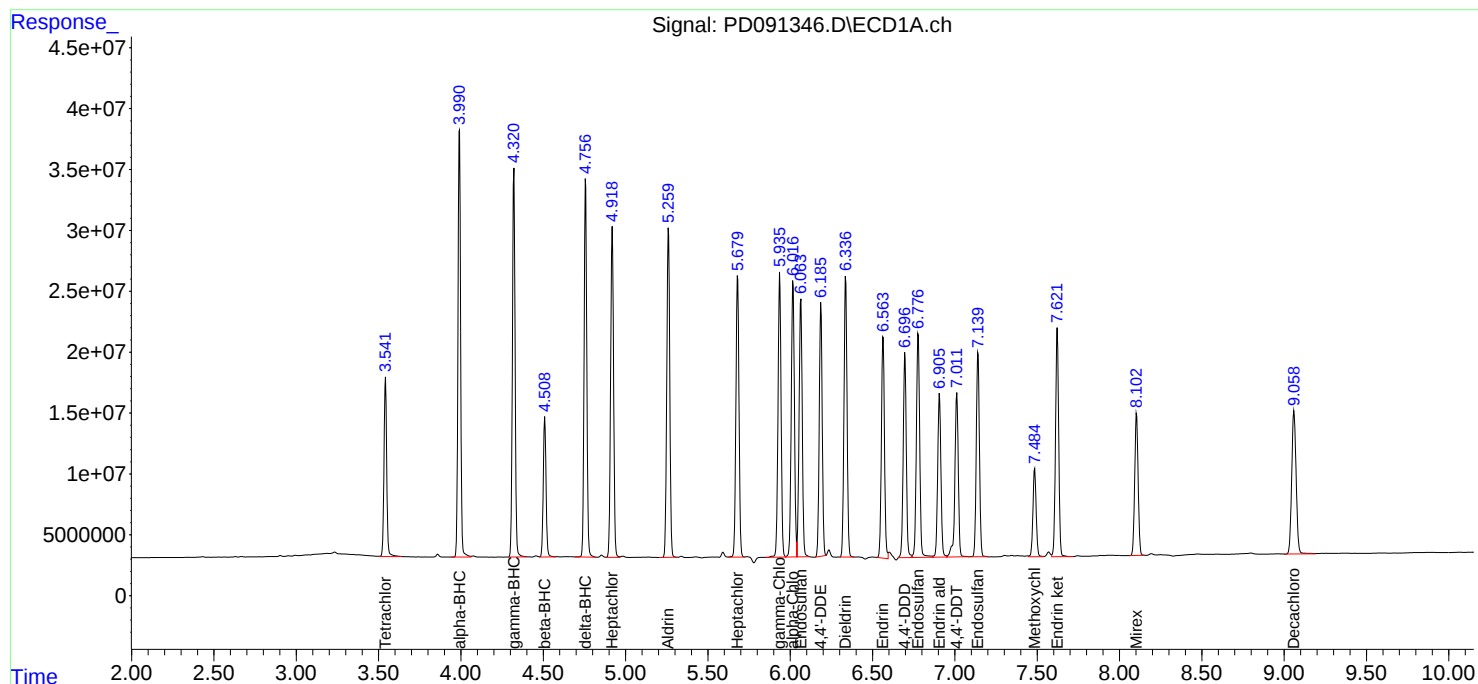
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:02
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 26 00:49:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D Date Analyzed: 11/14/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:15

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.064	8.960	9.160	20.170	20.000	0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	19.500	20.000	-2.5
alpha-BHC	3.993	3.940	4.040	8.250	10.000	-17.5
beta-BHC	4.511	4.460	4.560	9.240	10.000	-7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	8.450	10.000	-15.5
Endrin	6.567	6.500	6.640	44.390	50.000	-11.2
4,4'-DDT	7.015	6.940	7.090	88.290	100.000	-11.7
Methoxychlor	7.487	7.420	7.560	207.040	250.000	-17.2

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

Client Sample No. (PEM): PEM - PD091194.D Date Analyzed: 11/14/2025

Lab Sample No.(PEM): PEM Time Analyzed: 20:15

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.059	7.960	8.160	19.620	20.000	-1.9
Tetrachloro-m-xylene	2.874	2.820	2.920	19.370	20.000	-3.2
alpha-BHC	3.385	3.330	3.440	9.380	10.000	-6.2
beta-BHC	4.018	3.970	4.070	9.530	10.000	-4.7
gamma-BHC (Lindane)	3.721	3.670	3.770	9.460	10.000	-5.4
Endrin	5.779	5.710	5.850	45.450	50.000	-9.1
4,4'-DDT	6.172	6.100	6.240	89.340	100.000	-10.7
Methoxychlor	6.742	6.670	6.810	186.630	250.000	-25.3

PEM
 Data File: PD091194.D Date Acquired 11/14/2025 20:15
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down Down
Endrin	6.57	220342338.4	243232929.5	22890591.1	9.41
Endrin aldehyde	6.91	5179237.826			
Endrin ketone	7.62	17711353.28			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2053826744	2298027068	244200325	10.63
Endrin aldehyde #2	6.25	61443615.46			
Endrin ketone #2	6.98	182756709.2			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	365114982.7	402071544.1	36956561.3	9.19
4,4'-DDE	6.19	1068437.233			
4,4'-DDD	6.70	35888124.09			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3496021709	3894922521	398900812	10.24
4,4'-DDE #2	5.36	8351296.931			
4,4'-DDD #2	5.92	390549515.4			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 20:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:48:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	67260764	709.4E6	19.504	19.367
28)	SA Decachlor...	9.064	8.059	100.5E6	776.5E6	20.172	19.621
Target Compounds							
2)	A alpha-BHC	3.993	3.385	65992882	592.9E6	8.254	9.381
3)	MA gamma-BHC...	4.324	3.721	63139958	546.9E6	8.449	9.458
6)	B beta-BHC	4.511	4.018	26858838	229.1E6	9.244	9.533
12)	B 4,4'-DDE	6.188	5.362	1068437	8351297	0.184	0.156m
14)	MA Endrin	6.567	5.779	220.3E6	2053.8E6	44.393	45.446
16)	A 4,4'-DDD	6.698	5.918	35888124	390.5E6	7.307	7.992
17)	MA 4,4'-DDT	7.015	6.172	365.1E6	3496.0E6	88.288	89.338
18)	B Endrin al...	6.908	6.246	5179238	61443615	1.243m	1.741m#
20)	A Methoxychlor	7.487	6.742	450.2E6	3742.1E6	207.044	186.626
21)	B Endrin ke...	7.624	6.980	17711353	182.8E6	3.144	3.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

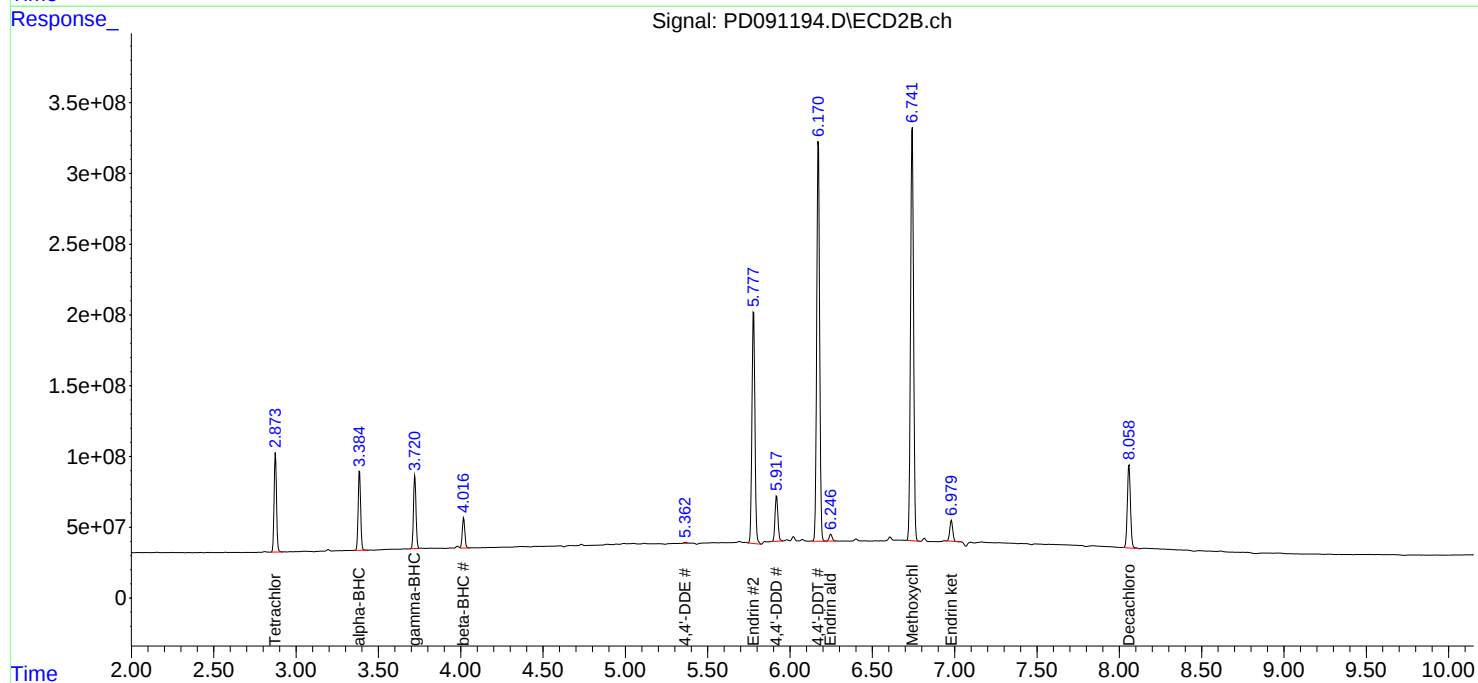
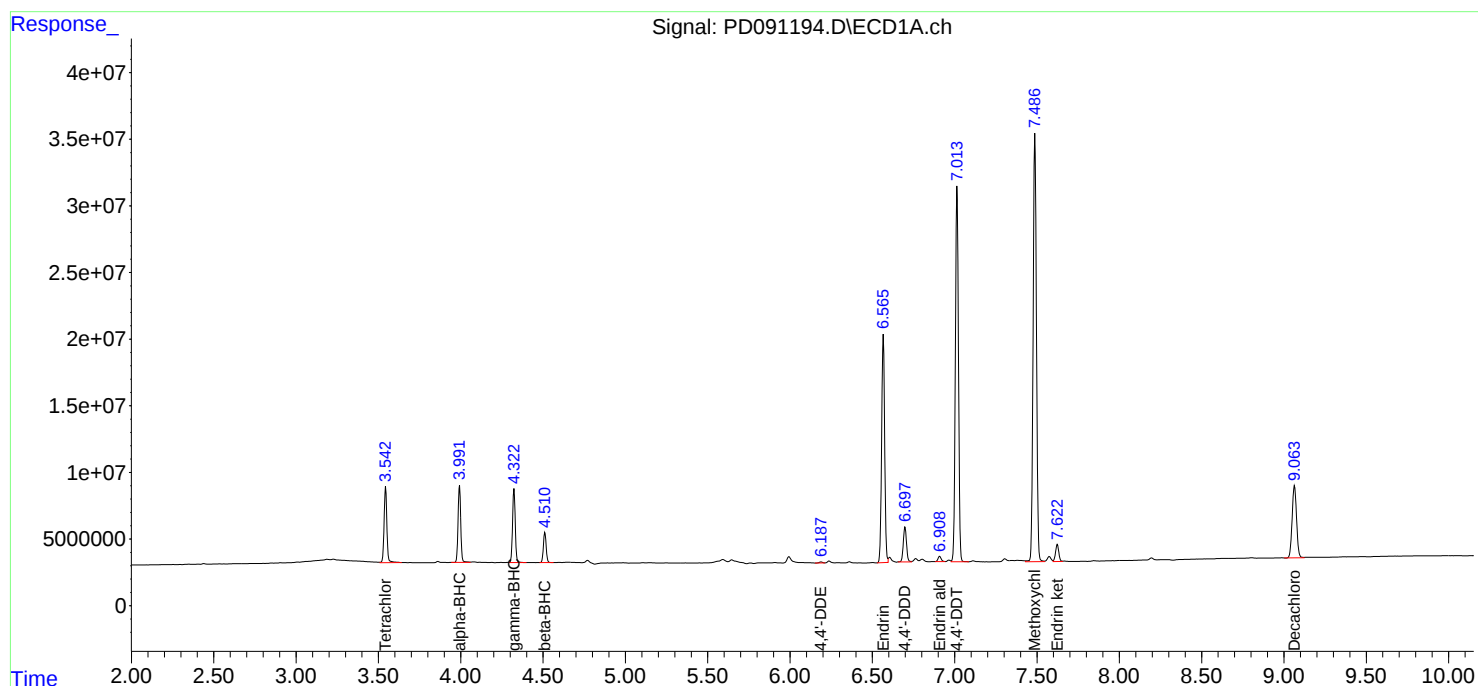
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091265.D Date Analyzed: 11/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.059	8.960	9.160	17.850	20.000	-10.8
Tetrachloro-m-xylene	3.541	3.490	3.590	18.480	20.000	-7.6
alpha-BHC	3.990	3.940	4.040	7.760	10.000	-22.4
beta-BHC	4.509	4.460	4.560	9.000	10.000	-10.0
gamma-BHC (Lindane)	4.321	4.270	4.370	8.120	10.000	-18.8
Endrin	6.564	6.490	6.630	45.570	50.000	-8.9
4,4'-DDT	7.012	6.940	7.080	94.380	100.000	-5.6
Methoxychlor	7.485	7.410	7.560	217.780	250.000	-12.9

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

Client Sample No. (PEM): PEM - PD091265.D Date Analyzed: 11/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.054	7.950	8.150	20.630	20.000	3.2
Tetrachloro-m-xylene	2.871	2.820	2.920	19.510	20.000	-2.5
alpha-BHC	3.382	3.330	3.430	9.470	10.000	-5.3
beta-BHC	4.015	3.960	4.070	9.800	10.000	-2.0
gamma-BHC (Lindane)	3.718	3.670	3.770	9.630	10.000	-3.7
Endrin	5.774	5.700	5.840	48.970	50.000	-2.1
4,4'-DDT	6.168	6.100	6.240	104.260	100.000	4.3
Methoxychlor	6.738	6.670	6.810	207.550	250.000	-17.0

PEM
 Data File: PD091265.D Date Acquired 11/19/2025 9:19
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.56	226193280.6	235366877.3	9173596.73	3.90
Endrin aldehyde	6.91	2880331.948			
Endrin ketone	7.62	6293264.778			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.77	2213078160	2310669441	97591280.7	4.22
Endrin aldehyde #2	6.24	29926203.98			
Endrin ketone #2	6.98	67665076.77			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	390312353	401411823.9	11099470.9	2.77
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	11099470.92			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	4080081387	4182764020	102682633	2.45
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.91	102682632.8			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 09:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 12:43:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.871	63743748	714.6E6	18.484	19.507
28)	SA Decachlor...	9.059	8.054	88950302	816.4E6	17.855	20.628
Target Compounds							
2)	A alpha-BHC	3.990	3.382	62018917	598.5E6	7.757	9.470
3)	MA gamma-BHC...	4.321	3.718	60691831	557.1E6	8.122	9.634
6)	B beta-BHC	4.509	4.015	26147388	235.6E6	8.999	9.804
14)	MA Endrin	6.564	5.774	226.2E6	2213.1E6	45.571	48.970
16)	A 4,4'-DDD	6.696	5.915	11099471	102.7E6	2.260	2.101
17)	MA 4,4'-DDT	7.012	6.168	390.3E6	4080.1E6	94.381	104.263
18)	B Endrin al...	6.907	6.243	2880332	29926204	0.691	0.848
20)	A Methoxychlor	7.485	6.738	473.5E6	4161.7E6	217.776	207.553
21)	B Endrin ke...	7.621	6.976	6293265	67665077	1.117	1.328

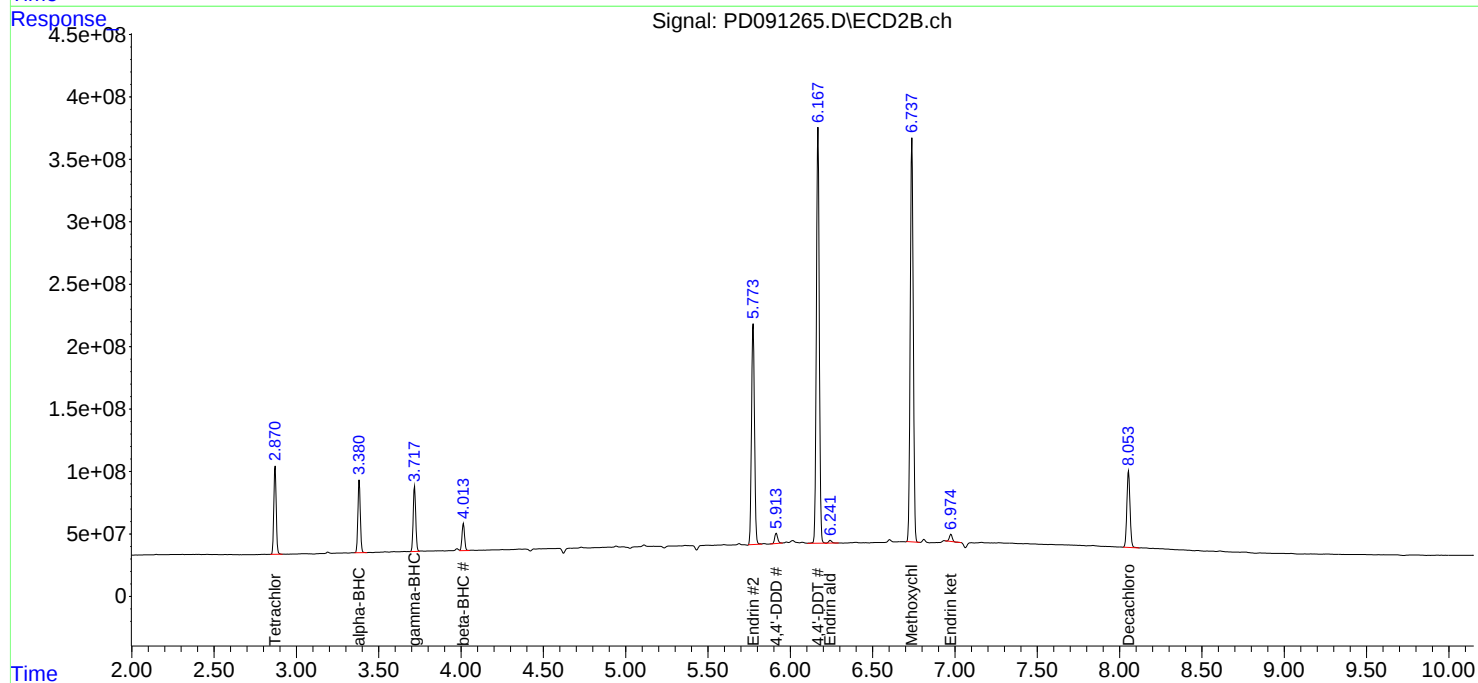
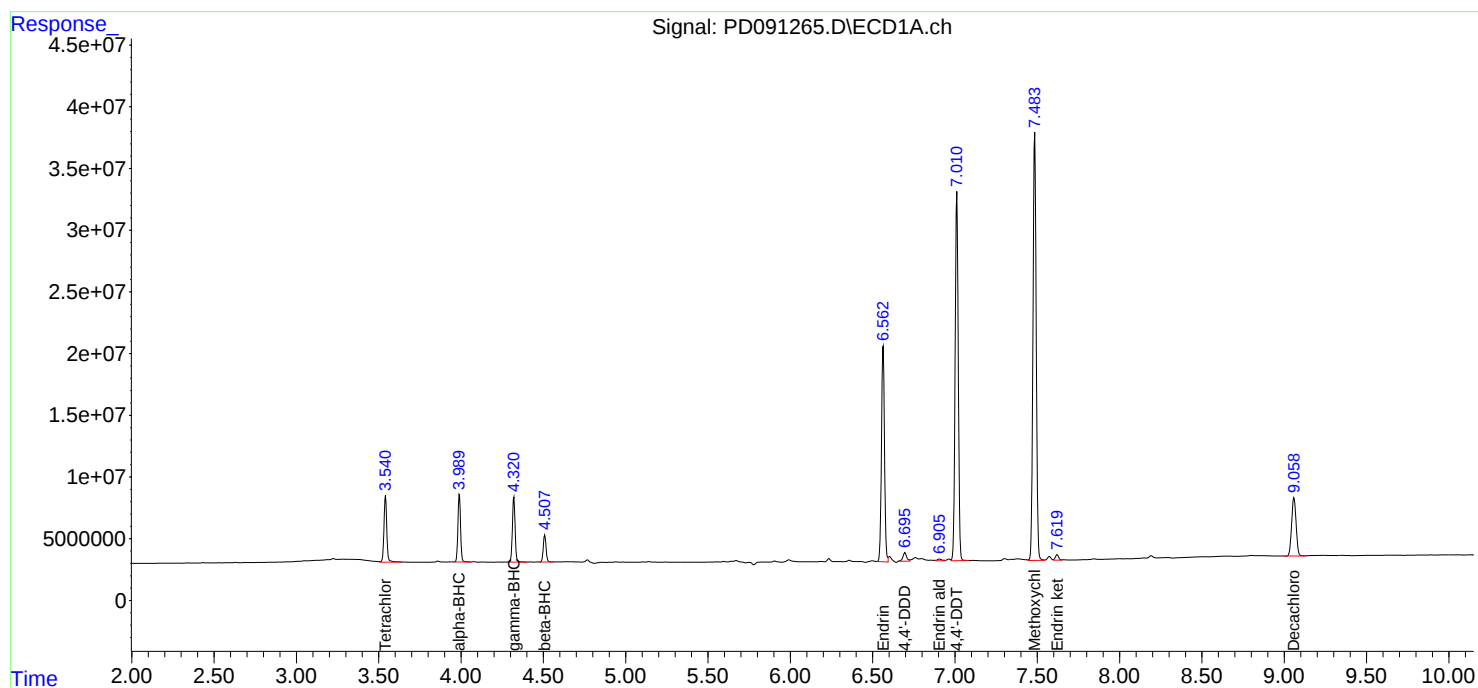
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:43:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091329.D Date Analyzed: 11/21/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.061	8.960	9.160	20.200	20.000	1.0
Tetrachloro-m-xylene	3.542	3.490	3.590	19.870	20.000	-0.7
alpha-BHC	3.991	3.940	4.040	8.450	10.000	-15.5
beta-BHC	4.509	4.460	4.560	9.670	10.000	-3.3
gamma-BHC (Lindane)	4.322	4.270	4.370	8.700	10.000	-13.0
Endrin	6.564	6.490	6.630	48.110	50.000	-3.8
4,4'-DDT	7.012	6.940	7.080	96.830	100.000	-3.2
Methoxychlor	7.485	7.410	7.560	223.950	250.000	-10.4

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

Client Sample No. (PEM): PEM - PD091329.D Date Analyzed: 11/21/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.055	7.950	8.160	23.100	20.000	15.5
Tetrachloro-m-xylene	2.871	2.820	2.920	21.540	20.000	7.7
alpha-BHC	3.382	3.330	3.430	10.420	10.000	4.2
beta-BHC	4.015	3.960	4.070	10.650	10.000	6.5
gamma-BHC (Lindane)	3.718	3.670	3.770	10.590	10.000	5.9
Endrin	5.775	5.700	5.850	52.460	50.000	4.9
4,4'-DDT	6.169	6.100	6.240	108.340	100.000	8.3
Methoxychlor	6.739	6.670	6.810	216.520	250.000	-13.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 09:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:45:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.871	68521273	788.8E6	19.869	21.535
28)	SA Decachlor...	9.061	8.055	100.7E6	914.2E6	20.204	23.100
Target Compounds							
2)	A alpha-BHC	3.991	3.382	67524122	658.3E6	8.445	10.416
3)	MA gamma-BHC...	4.322	3.718	65012418	612.3E6	8.700	10.590
6)	B beta-BHC	4.509	4.015	28106862	256.0E6	9.674	10.654
12)	B 4,4'-DDE	6.187	5.359	749067	9862990	0.129	0.185m#
14)	MA Endrin	6.564	5.775	238.8E6	2370.6E6	48.107	52.456
16)	A 4,4'-DDD	6.696	5.915	21905134	223.6E6	4.460	4.576
17)	MA 4,4'-DDT	7.012	6.169	400.4E6	4239.6E6	96.827	108.341
18)	B Endrin al...	6.907	6.244	4576959	45264843	1.099	1.283
20)	A Methoxychlor	7.485	6.739	486.9E6	4341.4E6	223.953	216.515
21)	B Endrin ke...	7.621	6.976	11877697	122.0E6	2.108	2.395

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 09:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

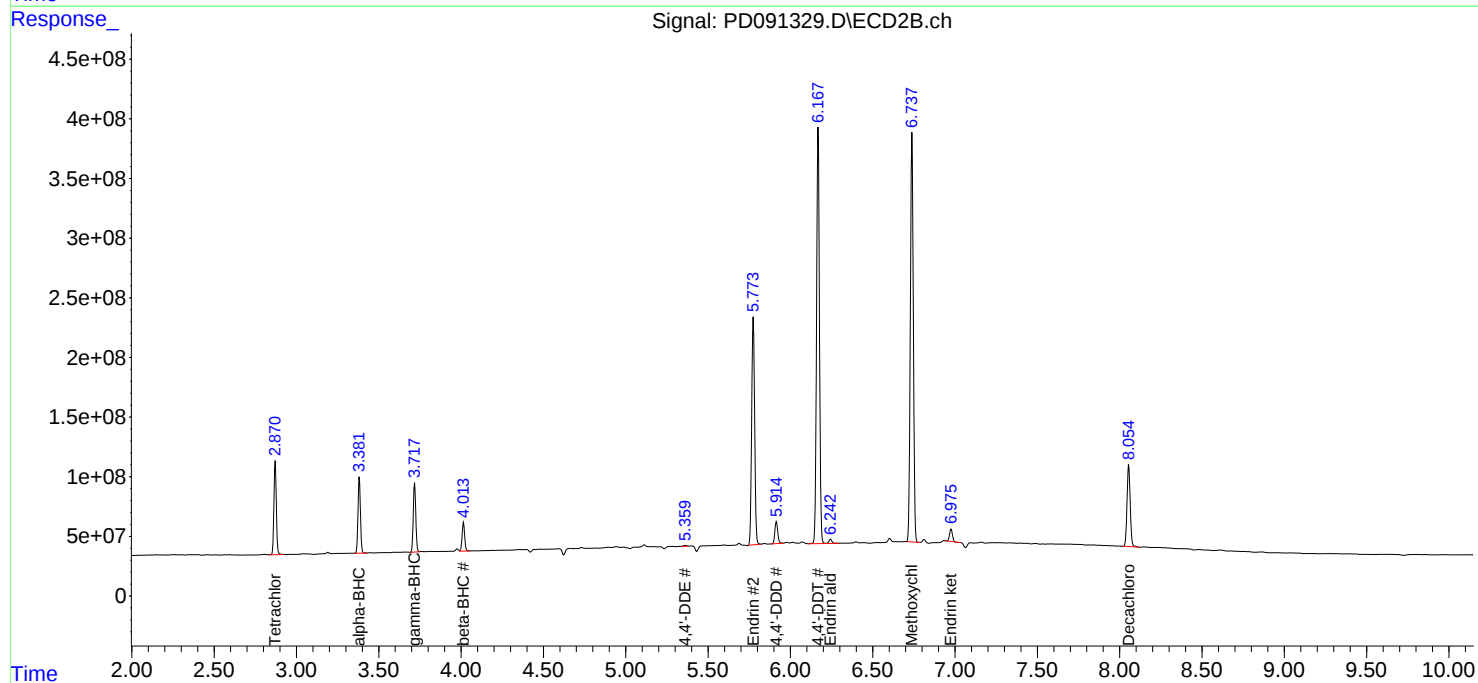
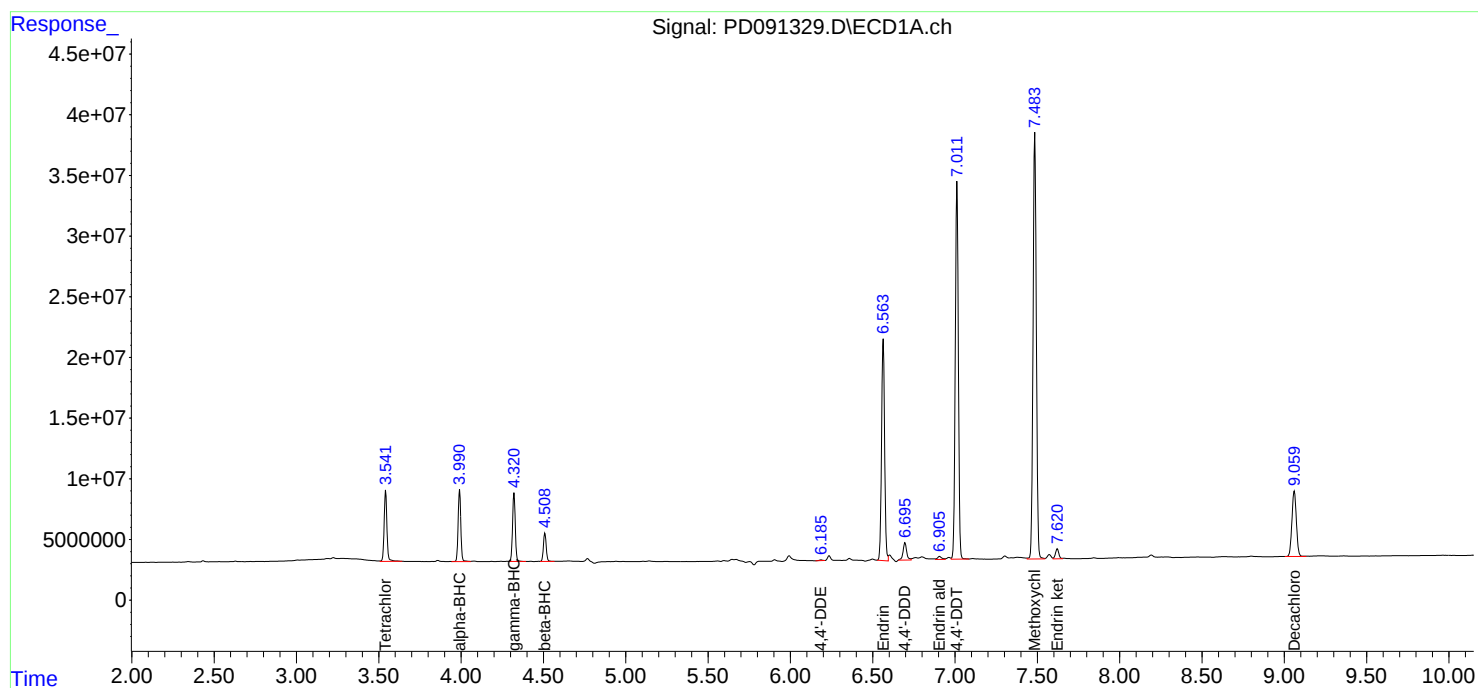
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:45:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Title : GC Extractables
Last Update : Sat Nov 15 04:46:13 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.939	100.00%
5.939	6.067	100.00%
6.067	6.189	100.00%
6.189	6.339	100.00%
6.339	7.143	100.00%
7.143	7.487	100.00%
7.487	7.624	100.00%
7.624	9.063	100.00%

Signal #2

2.874	5.114	100.00%
5.114	5.235	100.00%
5.235	5.363	100.00%
5.363	5.501	100.00%
5.501	6.471	100.00%
6.471	6.742	100.00%
6.742	6.980	100.00%
6.980	8.059	100.00%

PD111525.M Sat Nov 15 05:00:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
 Data File : PD091195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2025 20:43
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 04:48:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	59572378	631.9E6	17.274	17.250
28)	SA Decachlor...	9.063	8.059	86552368	667.6E6	17.373	16.869
Target Compounds							
9)	A Endosulfan I	6.067	5.235	45261732	379.7E6	7.368	7.934
10)	B gamma-Chl...	5.939	5.114	49362700	455.8E6	7.593	8.344
12)	B 4,4'-DDE	6.189	5.363	87544052	881.3E6	15.095	16.491
13)	MA Dieldrin	6.339	5.501	96362551	874.4E6	14.905	16.100
19)	B Endosulfa...	7.143	6.471	78876117	723.4E6	15.331	16.134
20)	A Methoxychlor	7.487	6.742	154.5E6	1426.0E6	71.049	71.120
21)	B Endrin ke...	7.624	6.980	80568543	766.5E6	14.302	15.043

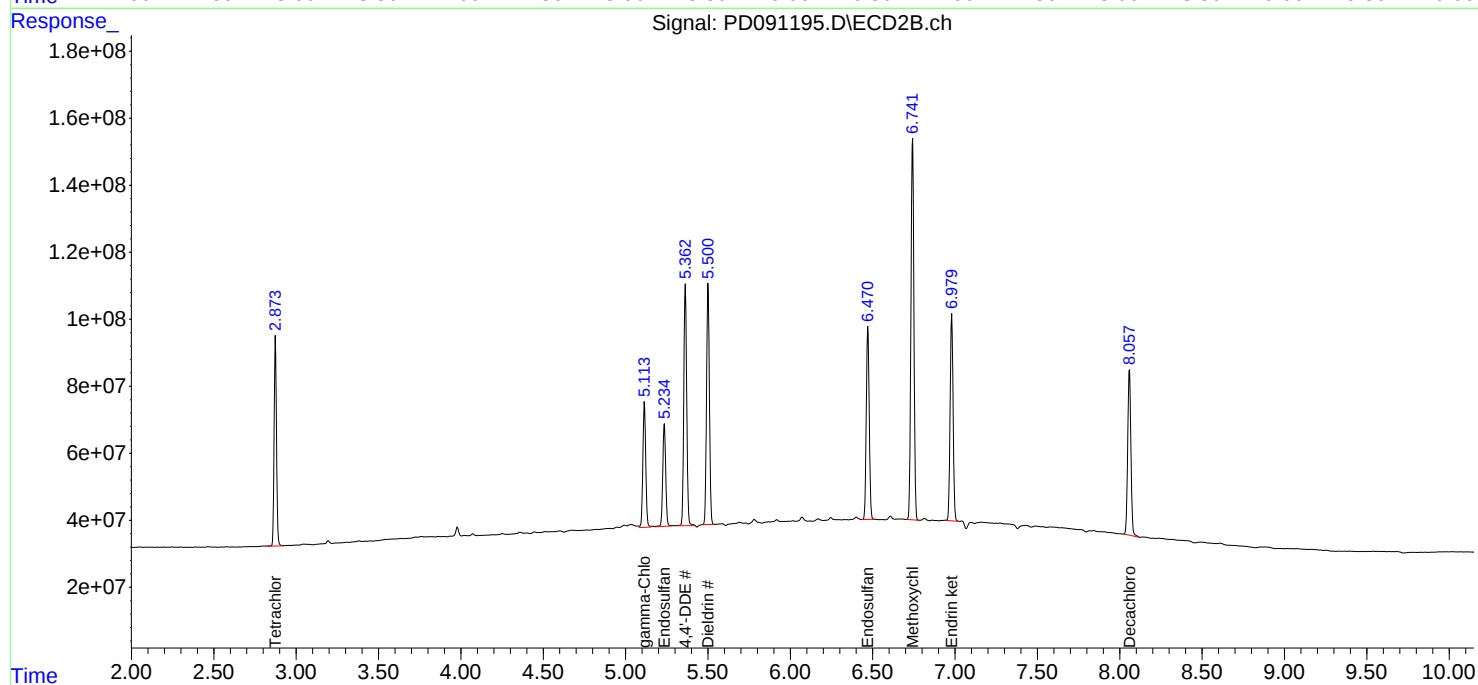
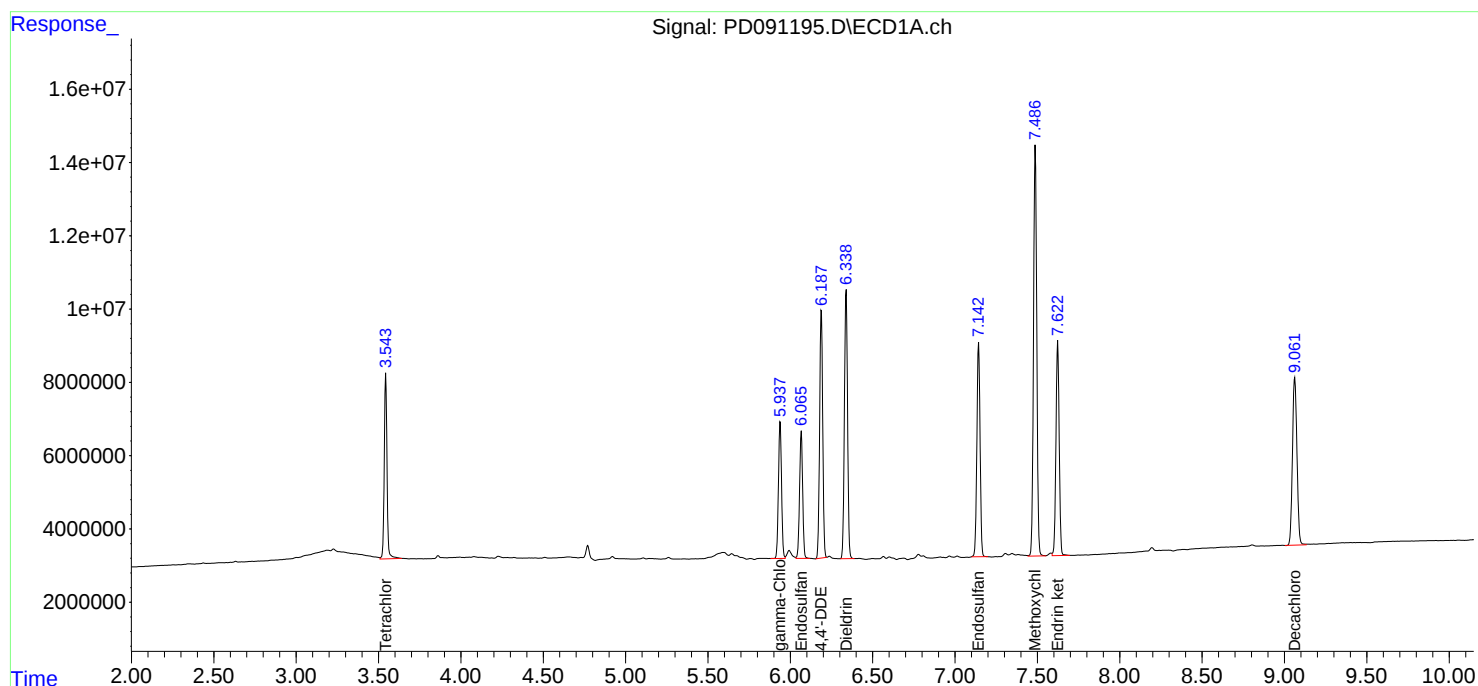
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: HDR, Inc.

SDG No.: Q3662

Project: PVWC Linear Construction

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/14/2025

11/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/14/2025	20:01	PD091193.D	9.06	3.54
PEM	PEM	11/14/2025	20:15	PD091194.D	9.06	3.54
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	9.06	3.54
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	9.06	3.54
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	9.06	3.54
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	9.06	3.54
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	9.07	3.54
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	9.06	3.54
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	9.06	3.54
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	9.06	3.54
IBLK	IBLK	11/19/2025	09:05	PD091264.D	9.06	3.54
PEM	PEM	11/19/2025	09:19	PD091265.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	12:24	PD091266.D	9.07	3.55
PB170628BL	PB170628BL	11/19/2025	14:07	PD091270.D	9.06	3.54
IBLK	IBLK	11/19/2025	15:16	PD091275.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	15:55	PD091276.D	9.07	3.55
B3-0.0-1.0-20251117	Q3662-02	11/19/2025	16:24	PD091278.D	9.06	3.54
B3-0.0-1.0-20251117MS	Q3662-02MS	11/19/2025	16:37	PD091279.D	9.06	3.54
B3-0.0-1.0-20251117MSD	Q3662-02MSD	11/19/2025	16:51	PD091280.D	9.06	3.54
B1-0.0-1.0-20251117	Q3662-04	11/19/2025	17:05	PD091281.D	9.06	3.54
IBLK	IBLK	11/19/2025	17:59	PD091285.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/19/2025	18:40	PD091287.D	9.06	3.54
IBLK	IBLK	11/21/2025	09:11	PD091328.D	9.07	3.55
PEM	PEM	11/21/2025	09:25	PD091329.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/21/2025	09:59	PD091330.D	9.07	3.55
PB170628BS	PB170628BS	11/21/2025	11:38	PD091334.D	9.06	3.54
IBLK	IBLK	11/21/2025	14:48	PD091345.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/21/2025	15:02	PD091346.D	9.06	3.54

Analytical Sequence

Client: HDR, Inc.

SDG No.: Q3662

Project: PVWC Linear Construction

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/14/2025

11/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/14/2025	20:01	PD091193.D	8.06	2.88
PEM	PEM	11/14/2025	20:15	PD091194.D	8.06	2.87
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	8.06	2.87
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	8.06	2.87
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	8.06	2.87
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	8.06	2.87
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	8.06	2.87
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	8.06	2.87
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	8.06	2.87
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	8.06	2.87
IBLK	IBLK	11/19/2025	09:05	PD091264.D	8.06	2.87
PEM	PEM	11/19/2025	09:19	PD091265.D	8.05	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	12:24	PD091266.D	8.06	2.87
PB170628BL	PB170628BL	11/19/2025	14:07	PD091270.D	8.06	2.87
IBLK	IBLK	11/19/2025	15:16	PD091275.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	15:55	PD091276.D	8.06	2.87
B3-0.0-1.0-20251117	Q3662-02	11/19/2025	16:24	PD091278.D	8.06	2.87
B3-0.0-1.0-20251117MS	Q3662-02MS	11/19/2025	16:37	PD091279.D	8.06	2.87
B3-0.0-1.0-20251117MSD	Q3662-02MSD	11/19/2025	16:51	PD091280.D	8.05	2.87
B1-0.0-1.0-20251117	Q3662-04	11/19/2025	17:05	PD091281.D	8.06	2.87
IBLK	IBLK	11/19/2025	17:59	PD091285.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/19/2025	18:40	PD091287.D	8.06	2.87
IBLK	IBLK	11/21/2025	09:11	PD091328.D	8.06	2.87
PEM	PEM	11/21/2025	09:25	PD091329.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/21/2025	09:59	PD091330.D	8.06	2.87
PB170628BS	PB170628BS	11/21/2025	11:38	PD091334.D	8.06	2.87
IBLK	IBLK	11/21/2025	14:48	PD091345.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/21/2025	15:02	PD091346.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B1-0.0-1.0-20251117

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-04

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.94	5.89	5.99	2.50	142.1
	2	5.11	5.06	5.16	0.42	
alpha-Chlordane	1	6.03	5.98	6.08	6.80	140
	2	5.18	5.13	5.23	1.20	
4,4'-DDE	1	6.19	6.14	6.24	0.34	41.7
	2	5.36	5.31	5.41	0.53	
4,4'-DDT	1	7.01	6.96	7.06	0.50	81.9
	2	6.17	6.12	6.22	1.20	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-02

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.01	6.96	7.06	0.21	116.2
	2	6.17	6.12	6.22	0.79	
4,4'-DDE	1	6.19	6.14	6.24	0.26	32.9
	2	5.36	5.31	5.41	0.36	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MS

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-02MS

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.78	6.73	6.83	15.0	1.3
	2	6.07	6.02	6.12	15.2	
4,4'-DDD	1	6.70	6.65	6.75	14.4	11
	2	5.92	5.87	5.97	12.9	
4,4'-DDT	1	7.01	6.96	7.06	8.40	8
	2	6.17	6.12	6.22	9.10	
Endrin aldehyde	1	6.91	6.86	6.96	6.40	1.6
	2	6.25	6.20	6.30	6.30	
Endosulfan sulfate	1	7.14	7.09	7.19	11.8	4.3
	2	6.47	6.42	6.52	11.3	
Methoxychlor	1	7.49	7.44	7.54	8.20	5
	2	6.74	6.69	6.79	7.80	
Endrin ketone	1	7.62	7.57	7.67	9.40	6.6
	2	6.98	6.93	7.03	8.80	
alpha-BHC	1	3.99	3.94	4.04	16.3	2.4
	2	3.38	3.33	3.43	16.7	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.7	0.6
	2	3.72	3.67	3.77	15.8	
Heptachlor	1	4.92	4.87	4.97	9.20	6.3
	2	4.07	4.02	4.12	9.80	
Aldrin	1	5.26	5.21	5.31	17.4	2.8
	2	4.36	4.31	4.41	17.9	
beta-BHC	1	4.51	4.46	4.56	17.2	2.9
	2	4.02	3.97	4.07	17.7	
delta-BHC	1	4.76	4.71	4.81	14.0	0
	2	4.25	4.20	4.30	14.0	
Heptachlor epoxide	1	5.68	5.63	5.73	17.1	1.7
	2	4.86	4.81	4.91	17.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MS

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-02MS

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.06	6.01	6.11	15.2	3.3
	2	5.23	5.18	5.28	14.7	
gamma-Chlordane	1	5.93	5.88	5.98	17.9	13.5
	2	5.11	5.06	5.16	20.5	
alpha-Chlordane	1	6.02	5.97	6.07	18.0	0.6
	2	5.18	5.13	5.23	18.1	
4,4'-DDE	1	6.19	6.14	6.24	17.5	3.4
	2	5.36	5.31	5.41	18.1	
Dieldrin	1	6.34	6.29	6.39	16.7	6.4
	2	5.50	5.45	5.55	17.8	
Endrin	1	6.56	6.51	6.61	17.4	7.1
	2	5.78	5.73	5.83	16.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MSD

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-02MSD

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.78	6.73	6.83	16.2	0.6
	2	6.07	6.02	6.12	16.3	
4,4'-DDD	1	6.70	6.65	6.75	15.5	10.2
	2	5.92	5.87	5.97	14.0	
4,4'-DDT	1	7.01	6.96	7.06	11.6	0.9
	2	6.17	6.12	6.22	11.5	
Endrin aldehyde	1	6.91	6.86	6.96	10.0	1
	2	6.25	6.20	6.30	9.90	
Endosulfan sulfate	1	7.14	7.09	7.19	14.2	4.3
	2	6.47	6.42	6.52	13.6	
Methoxychlor	1	7.48	7.43	7.53	10.2	7.1
	2	6.74	6.69	6.79	9.50	
Endrin ketone	1	7.62	7.57	7.67	13.4	12.7
	2	6.98	6.93	7.03	11.8	
alpha-BHC	1	3.99	3.94	4.04	17.6	1.7
	2	3.38	3.33	3.43	17.9	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.2	0.6
	2	3.72	3.67	3.77	17.3	
Heptachlor	1	4.92	4.87	4.97	10.3	6.6
	2	4.07	4.02	4.12	11.0	
Aldrin	1	5.26	5.21	5.31	17.5	2.8
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	17.2	4.5
	2	4.02	3.97	4.07	18.0	
delta-BHC	1	4.76	4.71	4.81	16.7	0
	2	4.25	4.20	4.30	16.7	
Heptachlor epoxide	1	5.68	5.63	5.73	16.9	4.1
	2	4.86	4.81	4.91	17.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B3-0.0-1.0-20251117MSD

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: Q3662-02MSD

Date(s) Analyzed: 11/19/2025 11/19/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.06	6.01	6.11	16.4	3.1
	2	5.23	5.18	5.28	15.9	
gamma-Chlordane	1	5.93	5.88	5.98	17.5	14.3
	2	5.11	5.06	5.16	20.2	
alpha-Chlordane	1	6.02	5.97	6.07	17.6	2.8
	2	5.18	5.13	5.23	18.1	
4,4'-DDE	1	6.19	6.14	6.24	17.1	4
	2	5.36	5.31	5.41	17.8	
Dieldrin	1	6.34	6.29	6.39	16.9	4.6
	2	5.50	5.45	5.55	17.7	
Endrin	1	6.56	6.51	6.61	17.7	5.8
	2	5.78	5.73	5.83	16.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170628BS

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: PB170628BS

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.78	6.73	6.83	14.9	9.6
	2	6.07	6.02	6.12	16.4	
4,4'-DDD	1	6.70	6.65	6.75	14.2	10
	2	5.92	5.87	5.97	15.7	
4,4'-DDT	1	7.01	6.96	7.06	16.1	13.9
	2	6.17	6.12	6.22	18.5	
Endrin aldehyde	1	6.91	6.86	6.96	15.3	11.7
	2	6.25	6.20	6.30	17.2	
Endosulfan sulfate	1	7.14	7.09	7.19	14.4	13
	2	6.47	6.42	6.52	16.4	
alpha-BHC	1	3.99	3.94	4.04	14.2	8.1
	2	3.38	3.33	3.43	15.4	
Aldrin	1	5.26	5.21	5.31	14.7	10.9
	2	4.36	4.31	4.41	16.4	
beta-BHC	1	4.51	4.46	4.56	14.1	10.7
	2	4.02	3.97	4.07	15.7	
delta-BHC	1	4.76	4.71	4.81	13.4	8.6
	2	4.25	4.20	4.30	14.6	
Endosulfan I	1	6.07	6.02	6.12	14.5	6.7
	2	5.23	5.18	5.28	15.5	
alpha-Chlordane	1	6.02	5.97	6.07	13.8	16.6
	2	5.18	5.13	5.23	16.3	
4,4'-DDE	1	6.19	6.14	6.24	14.3	13.7
	2	5.36	5.31	5.41	16.4	
Dieldrin	1	6.34	6.29	6.39	14.6	11.6
	2	5.50	5.45	5.55	16.4	
Endrin	1	6.56	6.51	6.61	15.6	14.8
	2	5.78	5.73	5.83	18.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170628BS

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3662

Lab Sample ID: PB170628BS

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	16.2	12.2
	2	6.74	6.69	6.79	18.3	
Endrin ketone	1	7.62	7.57	7.67	14.7	20.2
	2	6.98	6.93	7.03	18.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	14.5	7.9
	2	3.72	3.67	3.77	15.7	
Heptachlor	1	4.92	4.87	4.97	14.7	9.1
	2	4.07	4.02	4.12	16.1	
Heptachlor epoxide	1	5.68	5.63	5.73	14.6	10.4
	2	4.86	4.81	4.91	16.2	
gamma-Chlordane	1	5.94	5.89	5.99	14.5	12.3
	2	5.11	5.06	5.16	16.4	



QC SAMPLE DATA



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

Report of Analysis

Client: HDR, Inc.
Project: PVWC Linear Construction
Client Sample ID: PB170628BL
Lab Sample ID: PB170628BL
Analytical Method: 8081B
Sample Wt/Vol: 30.02 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected:
Date Received:
SDG No.: Q3662
Matrix: SOIL
% Solid: 100
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	11/19/25 14:07	PB170628
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	11/19/25 14:07	PB170628
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	11/19/25 14:07	PB170628
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	11/19/25 14:07	PB170628
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	11/19/25 14:07	PB170628
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	11/19/25 14:07	PB170628
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	11/19/25 14:07	PB170628
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	11/19/25 14:07	PB170628
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	11/19/25 14:07	PB170628
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	11/19/25 14:07	PB170628
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	11/19/25 14:07	PB170628
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	11/19/25 14:07	PB170628
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	11/19/25 14:07	PB170628
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/19/25 14:07	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.3			30 (10) - 150 (143)	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.4			30 (10) - 150 (131)	92%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 14:07
 Operator : AR\AJ
 Sample : PB170628BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170628BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:29:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.542	2.872	59182749	672.4E6	17.161	18.356
2) SA Decachlor...	9.059	8.056	88790088	765.1E6	17.823	19.333

Target Compounds

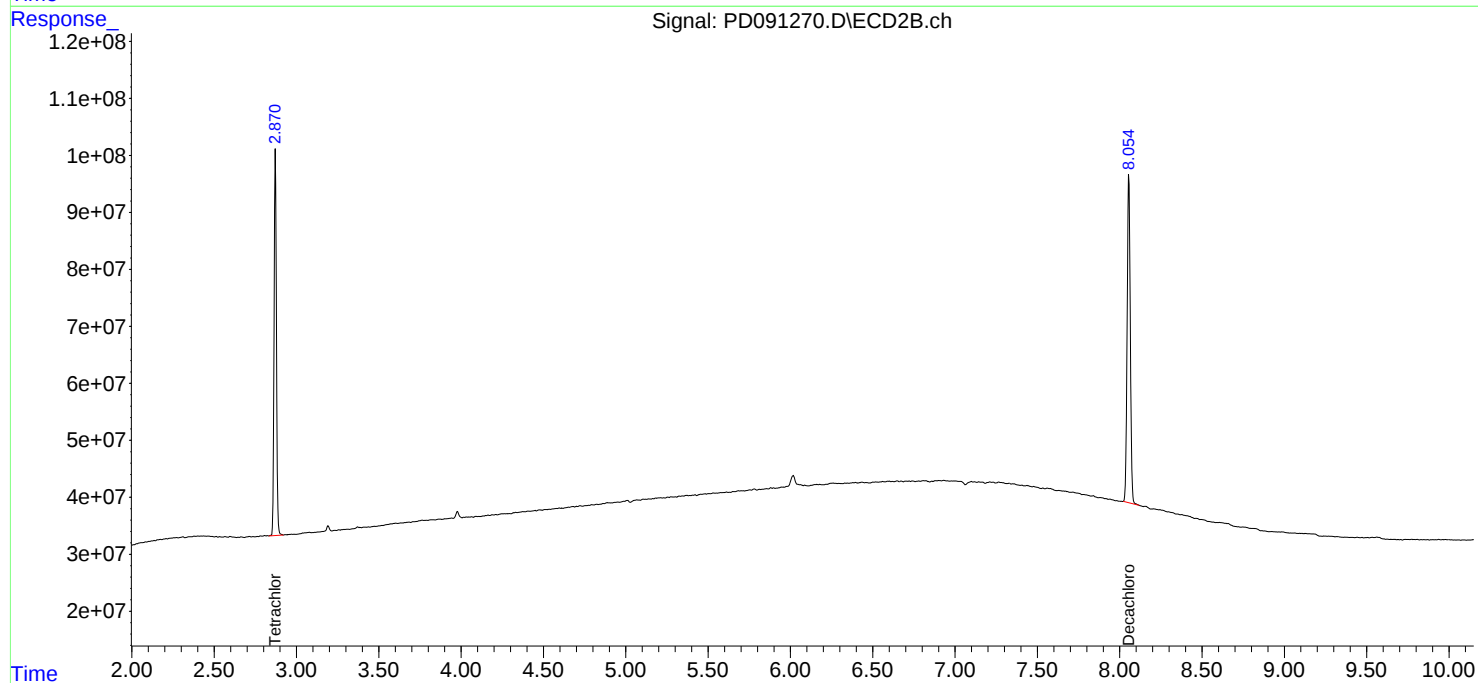
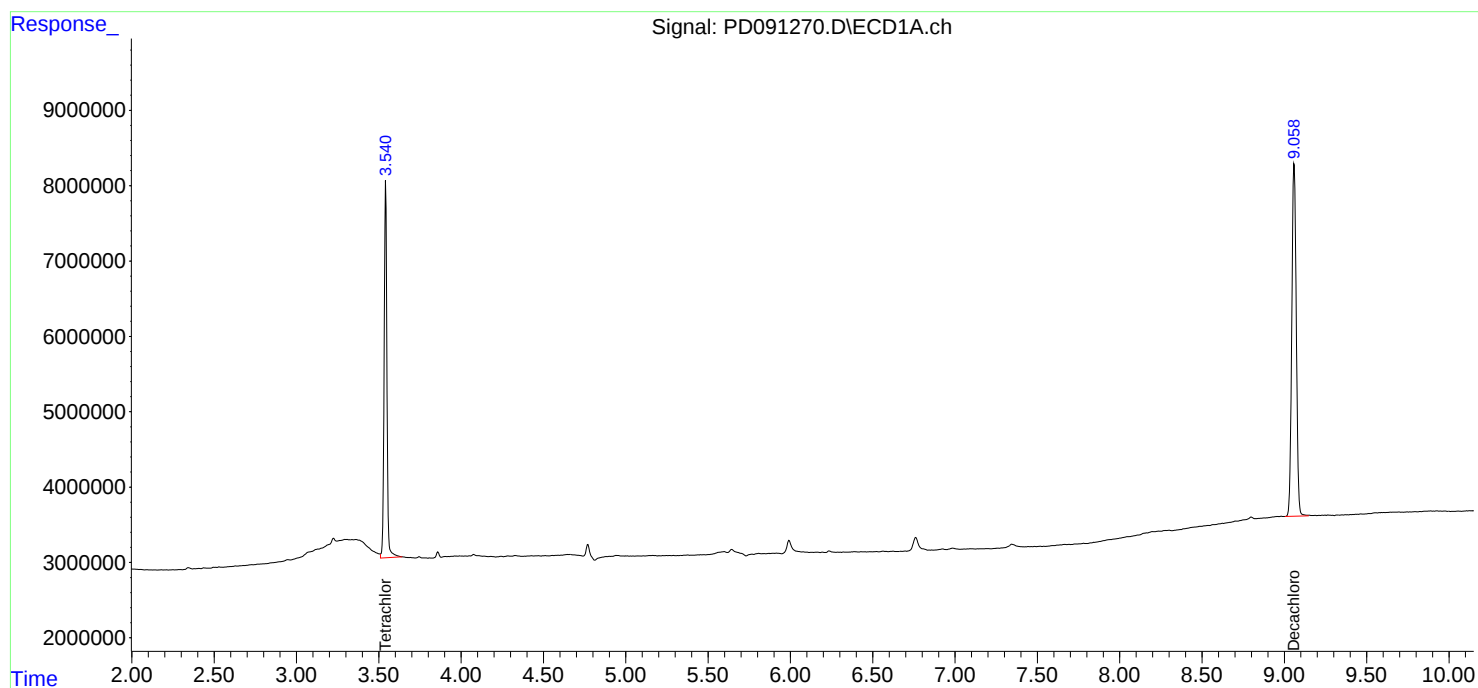
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:07
Operator : AR\AJ
Sample : PB170628BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

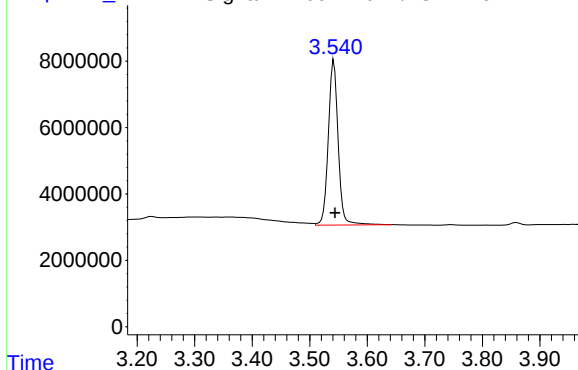
Instrument :
ECD_D
ClientSampleId :
PB170628BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD091270.D\ECD1A.ch

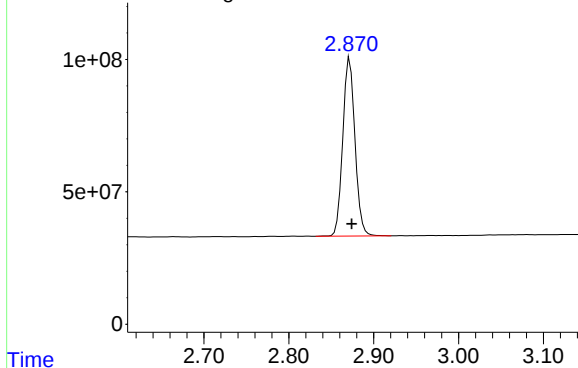


#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 59182749
Conc: 17.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BL

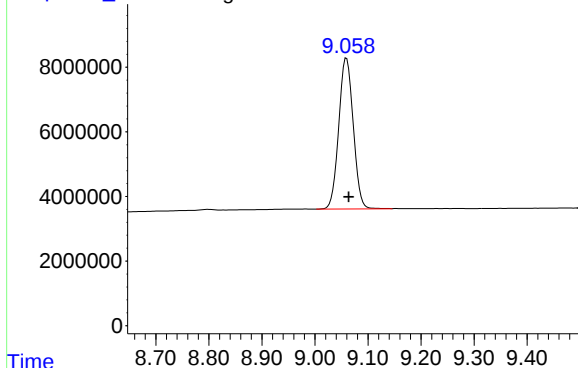
Response_ Signal: PD091270.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 672387576
Conc: 18.36 ng/ml

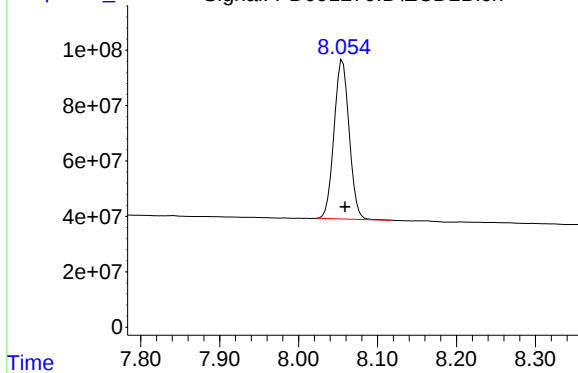
Response_ Signal: PD091270.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 88790088
Conc: 17.82 ng/ml

Response_ Signal: PD091270.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 765113097
Conc: 19.33 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/14/25
Project:	PVWC Linear Construction		Date Received:	11/14/25
Client Sample ID:	PIBLK-PD091193.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091193.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-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	11/14/25	PD111525
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/14/25	PD111525
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/14/25	PD111525
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/14/25	PD111525
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/14/25	PD111525
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/14/25	PD111525
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/14/25	PD111525
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/14/25	PD111525
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/14/25	PD111525
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/14/25	PD111525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			30 (31) - 150 (149)	104%	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\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.875	67367446	734.0E6	19.535	20.038
28)	SA Decachlor...	9.064	8.059	103.5E6	793.9E6	20.767	20.060

Target Compounds

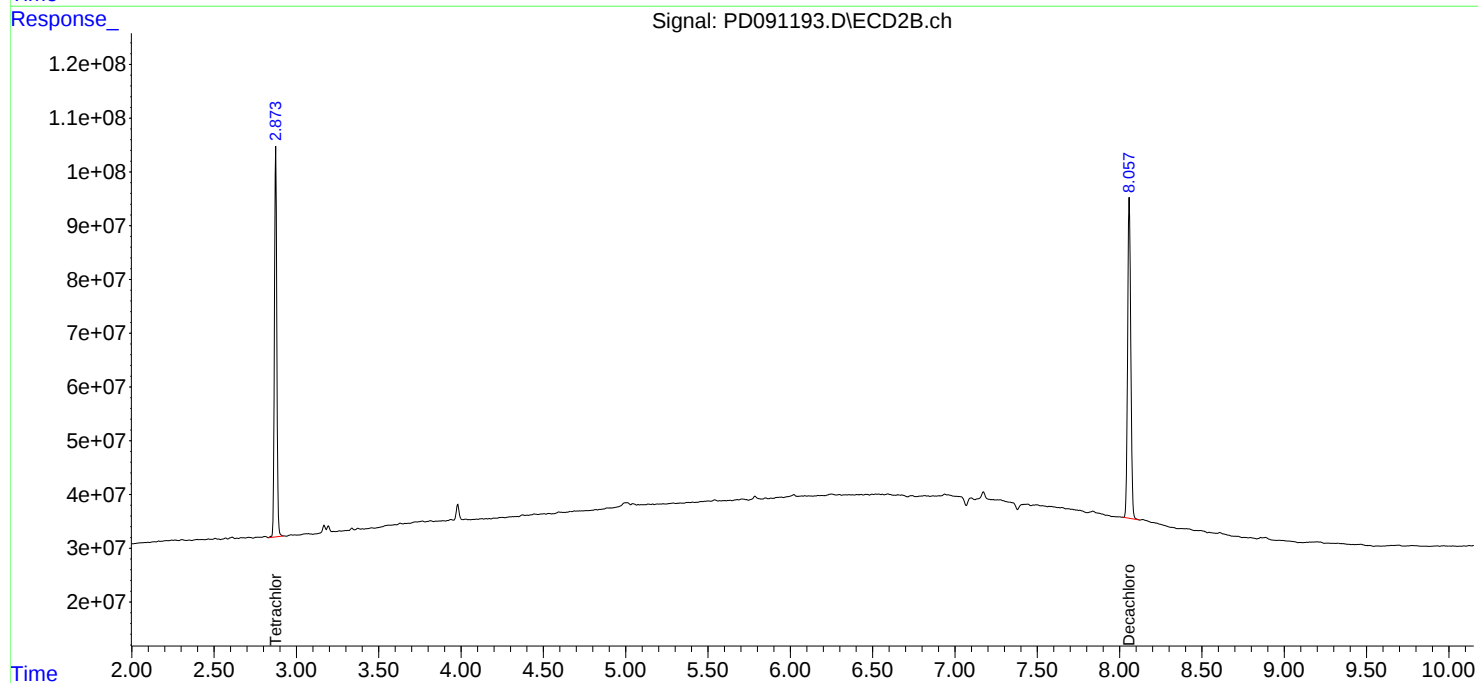
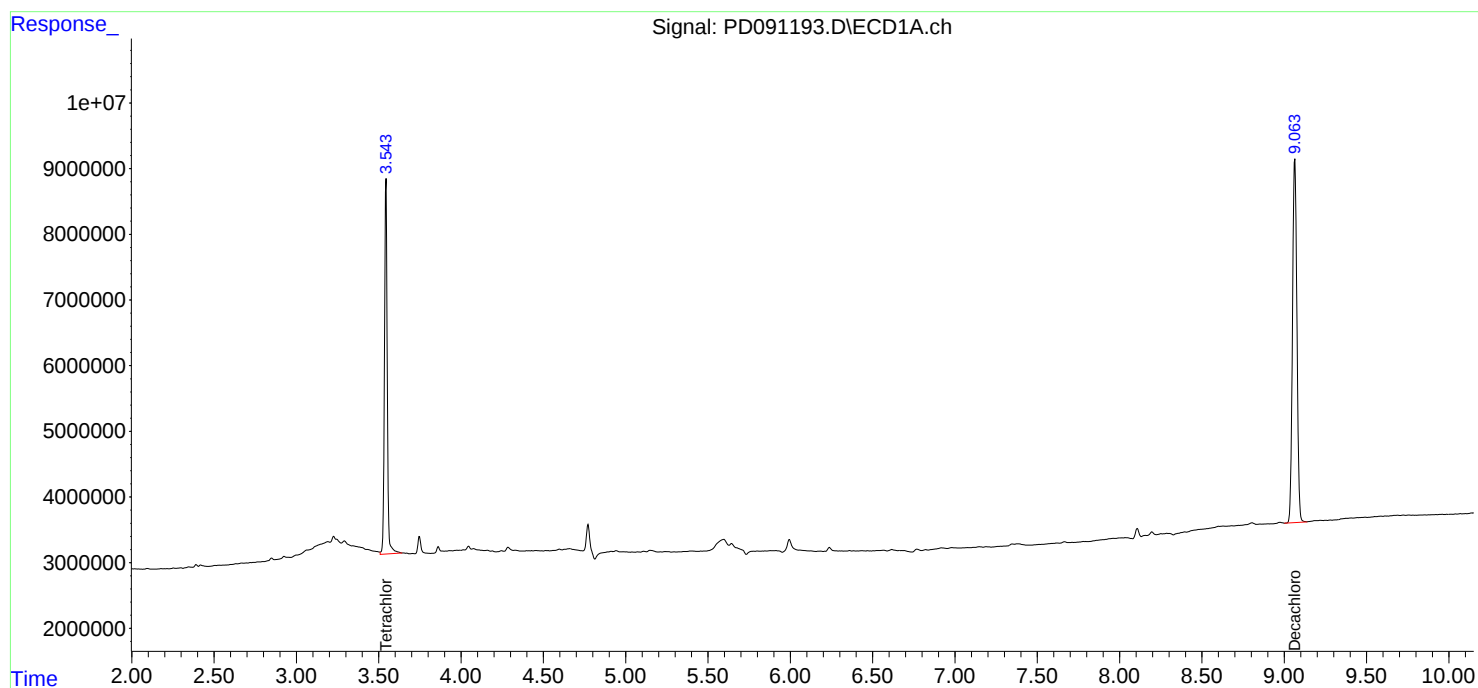
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

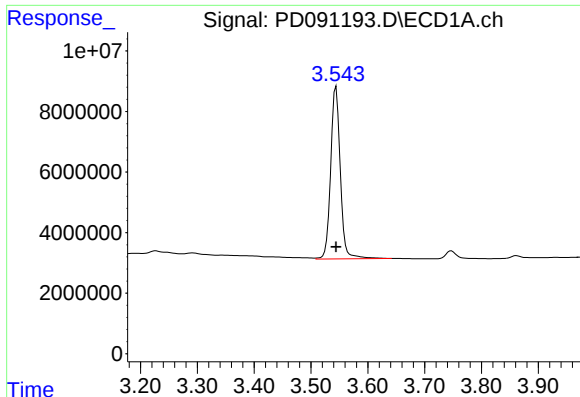
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

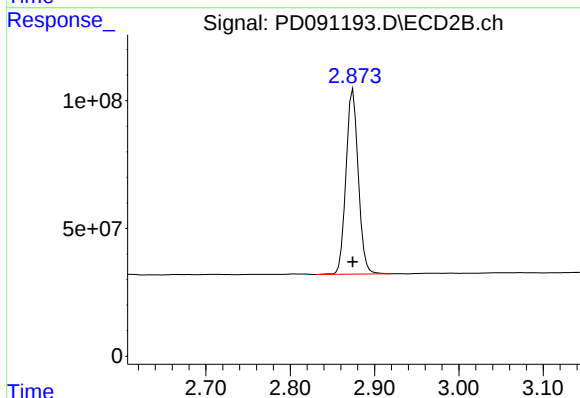




#1 Tetrachloro-m-xylene

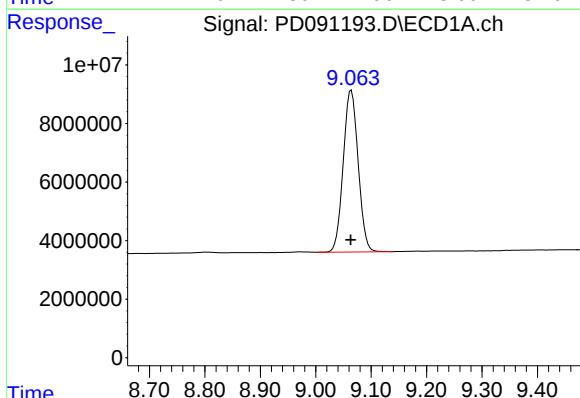
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67367446
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



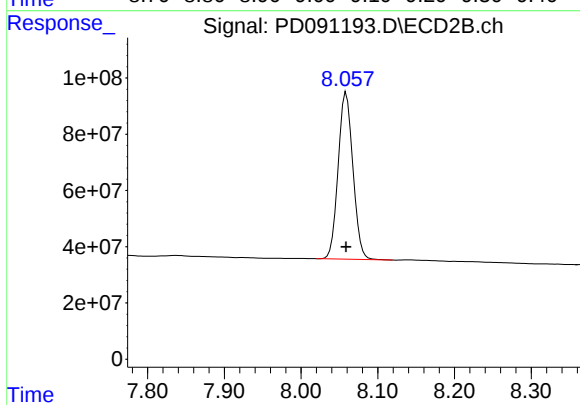
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 734006061
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 103459386
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 793870994
Conc: 20.06 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/19/25
Project:	PVWC Linear Construction		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091264.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091264.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-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	11/19/25	PD111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	PD111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	PD111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	PD111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	PD111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	PD111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	PD111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	PD111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	PD111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	PD111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	PD111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	PD111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	PD111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	PD111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	PD111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	PD111925
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/19/25	PD111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.5			30 (31) - 150 (149)	123%	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\PD111925\
Data File : PD091264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:42:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.871	75263492	863.9E6	21.824	23.583
28)	SA Decachlor...	9.060	8.055	111.0E6	971.0E6	22.279	24.536

Target Compounds

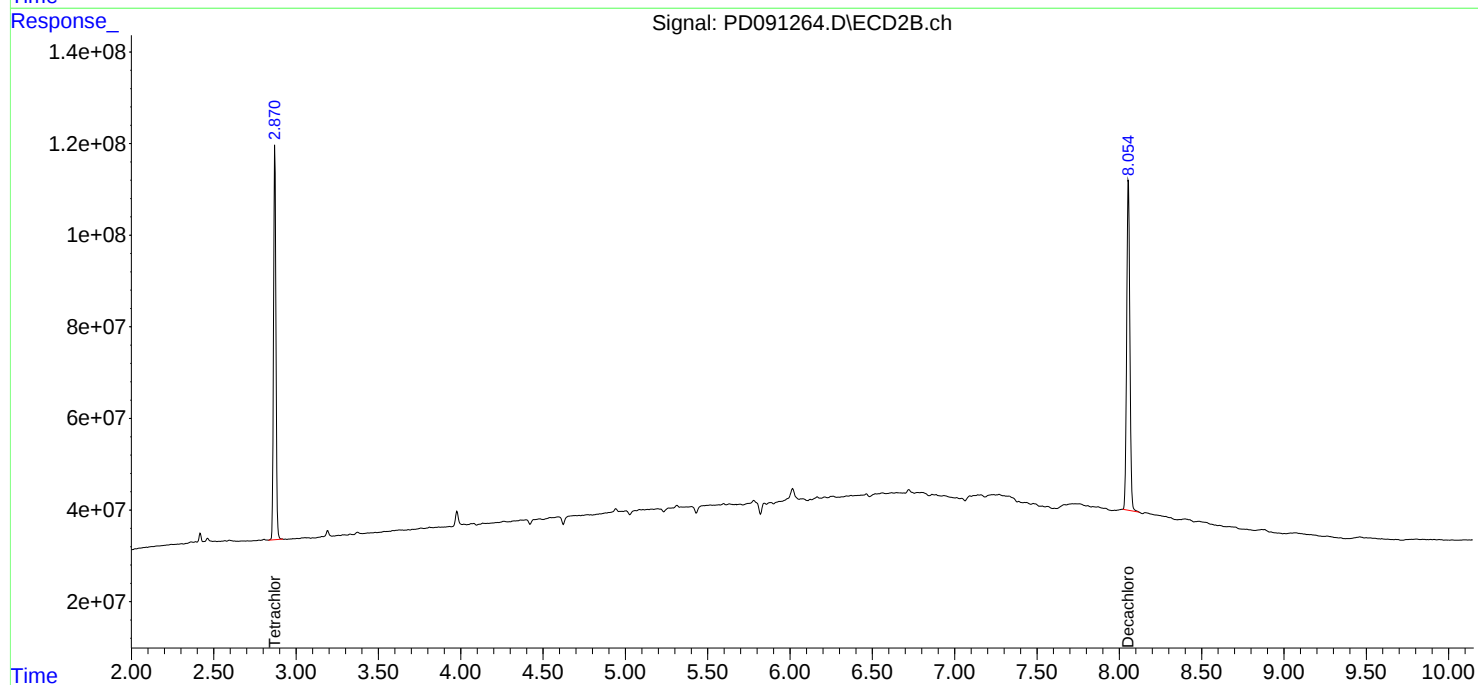
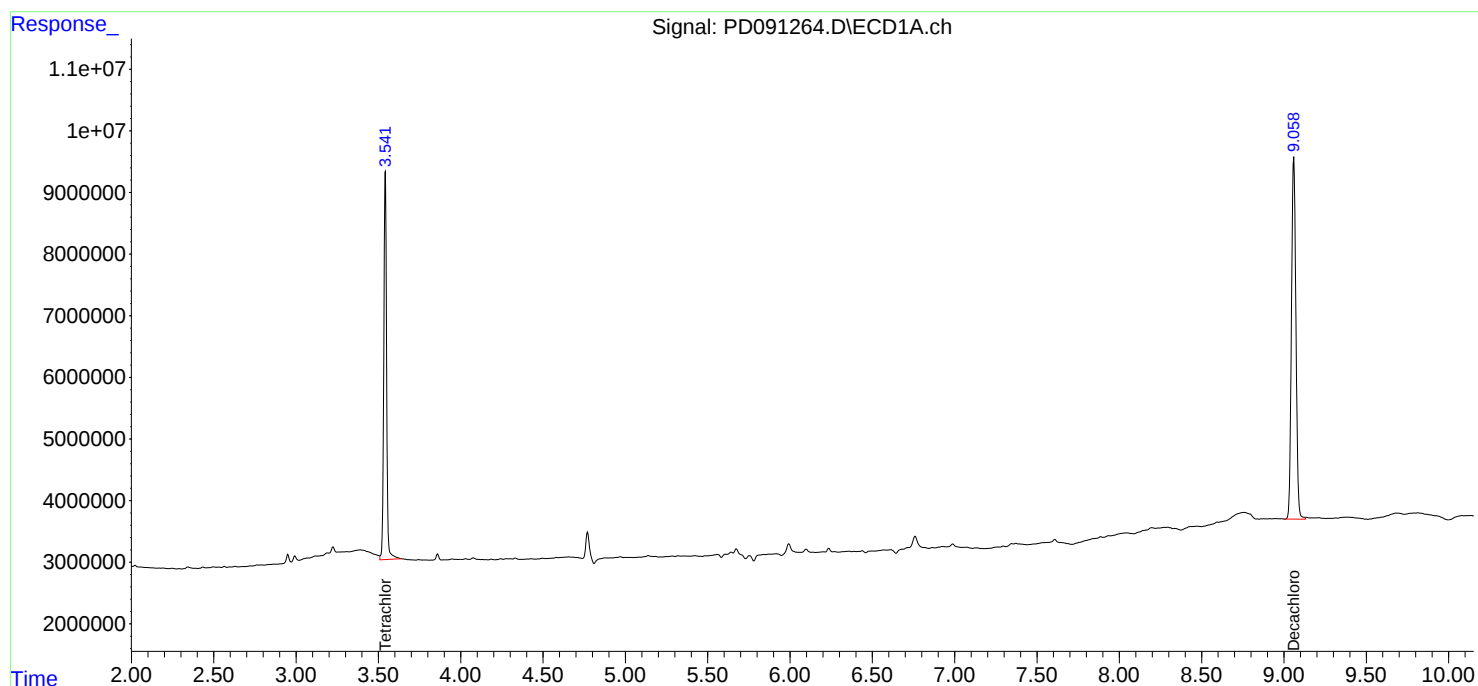
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

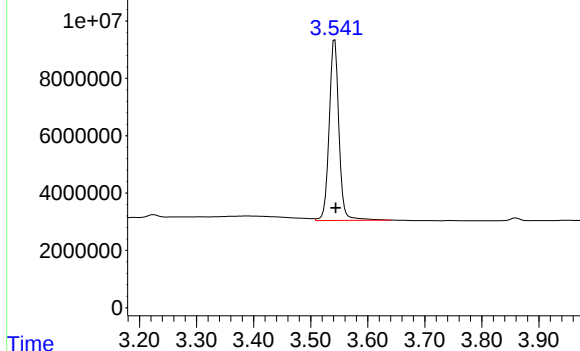
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:42:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD091264.D\ECD1A.ch

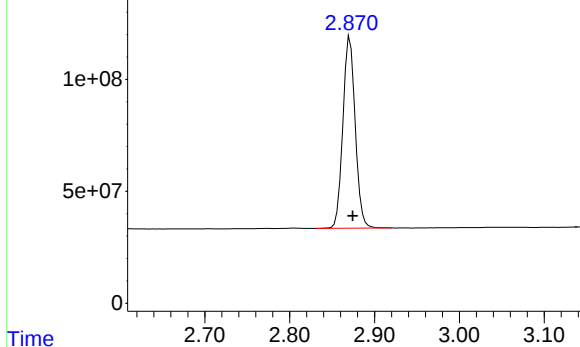


#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 75263492
Conc: 21.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

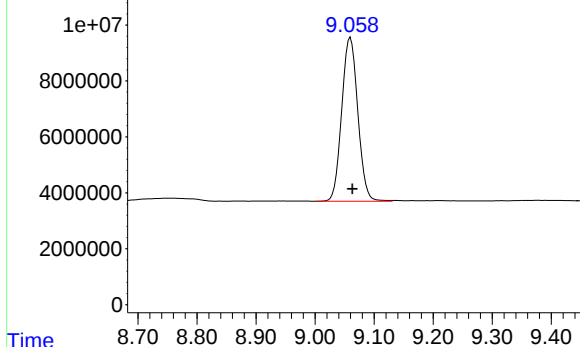
Response_ Signal: PD091264.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 863868671
Conc: 23.58 ng/ml

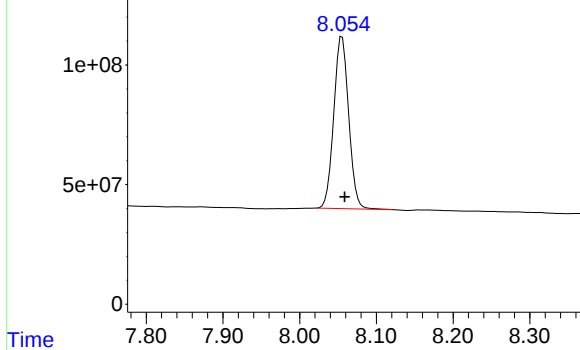
Response_ Signal: PD091264.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 110989478
Conc: 22.28 ng/ml

Response_ Signal: PD091264.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 971003777
Conc: 24.54 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/19/25
Project:	PVWC Linear Construction		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091275.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091275.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-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	11/19/25	pd111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	pd111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	pd111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	pd111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	pd111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	pd111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	pd111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	pd111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	pd111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/19/25	pd111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.0			30 (31) - 150 (149)	80%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.1			30 (41) - 150 (134)	90%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:16
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.872	56910976	661.6E6	16.502	18.062
28)	SA Decachlor...	9.063	8.057	79659641	548.7E6	15.990	13.864

Target Compounds

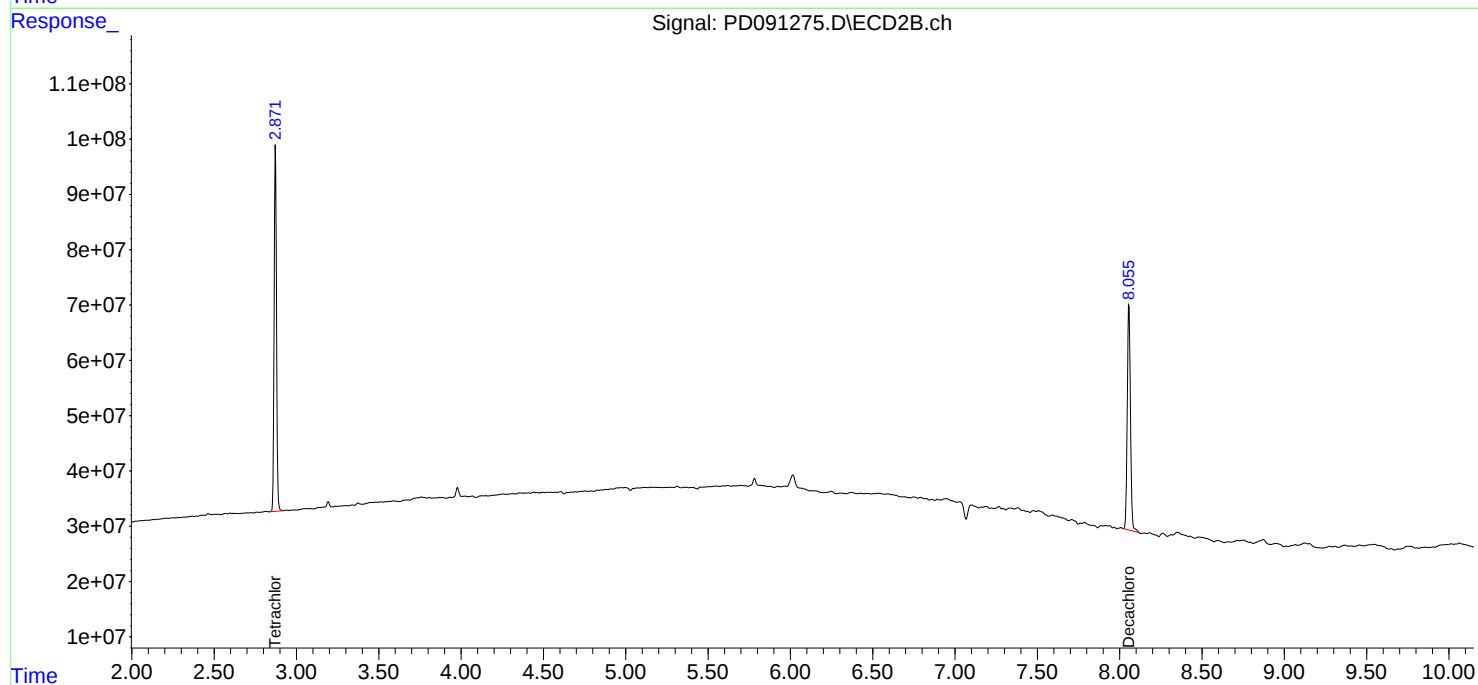
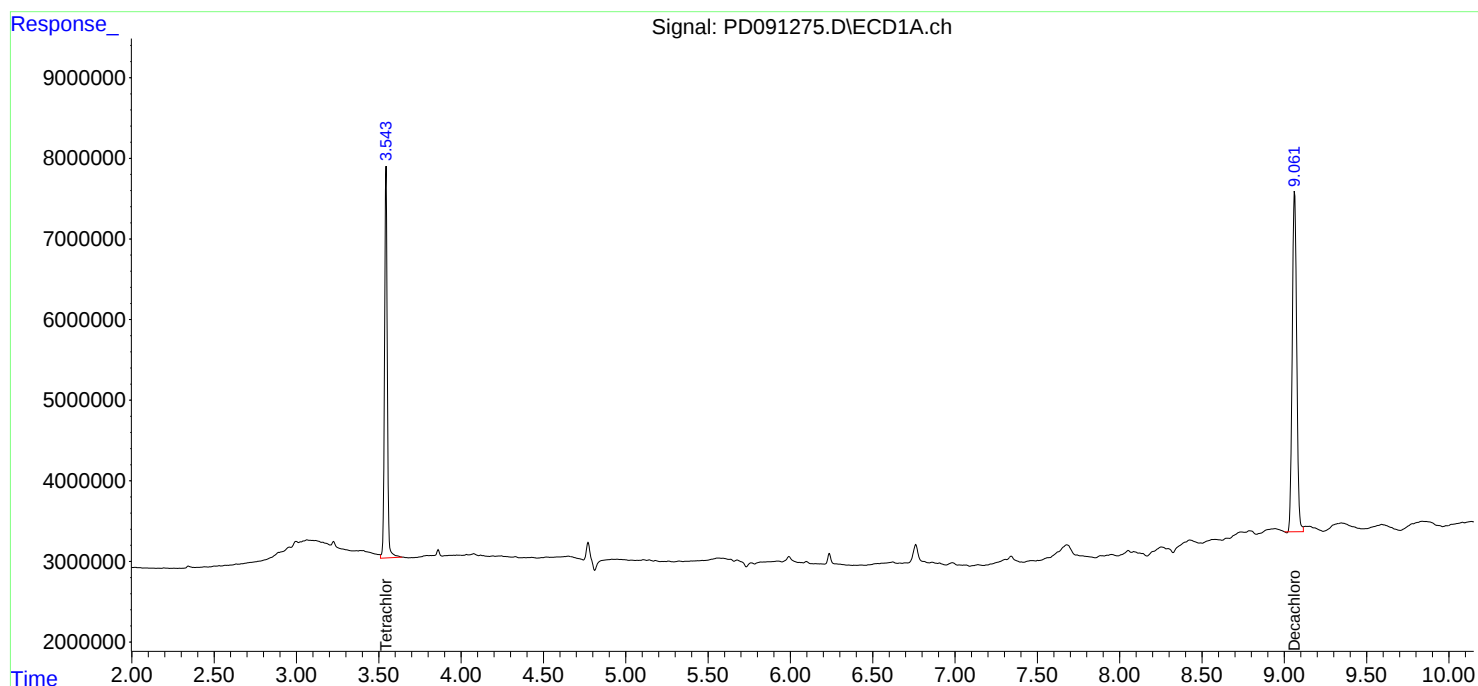
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:16
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

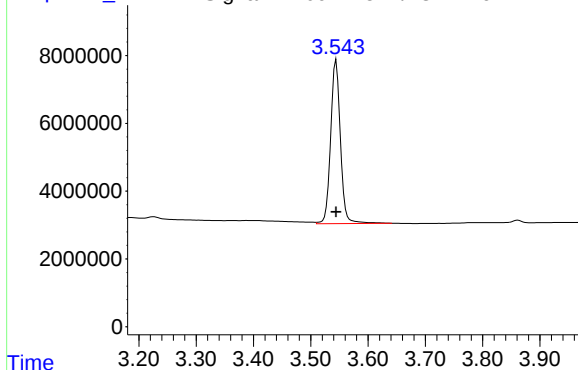
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD091275.D\ECD1A.ch

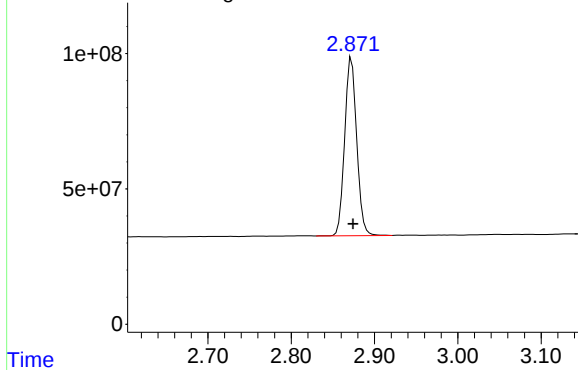


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 56910976
Conc: 16.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

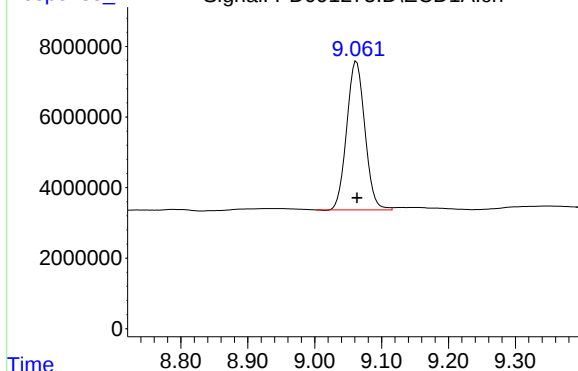
Response_ Signal: PD091275.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 661616646
Conc: 18.06 ng/ml

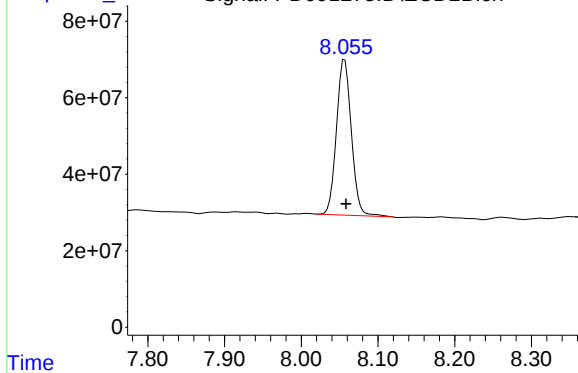
Response_ Signal: PD091275.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 79659641
Conc: 15.99 ng/ml

Response_ Signal: PD091275.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 548663900
Conc: 13.86 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/19/25
Project:	PVWC Linear Construction		Date Received:	11/19/25
Client Sample ID:	PIBLK-PD091285.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091285.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-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	11/19/25	pd111925
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/19/25	pd111925
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/19/25	pd111925
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/19/25	pd111925
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/19/25	pd111925
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/19/25	pd111925
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/19/25	pd111925
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/19/25	pd111925
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/19/25	pd111925
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/19/25	pd111925
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/19/25	pd111925
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/19/25	pd111925
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/19/25	pd111925
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/19/25	pd111925
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/19/25	pd111925
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			30 (31) - 150 (149)	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.5			30 (41) - 150 (134)	88%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 17:59
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	57088066	641.3E6	16.554	17.506
28)	SA Decachlor...	9.060	8.056	81943212	602.1E6	16.448	15.215

Target Compounds

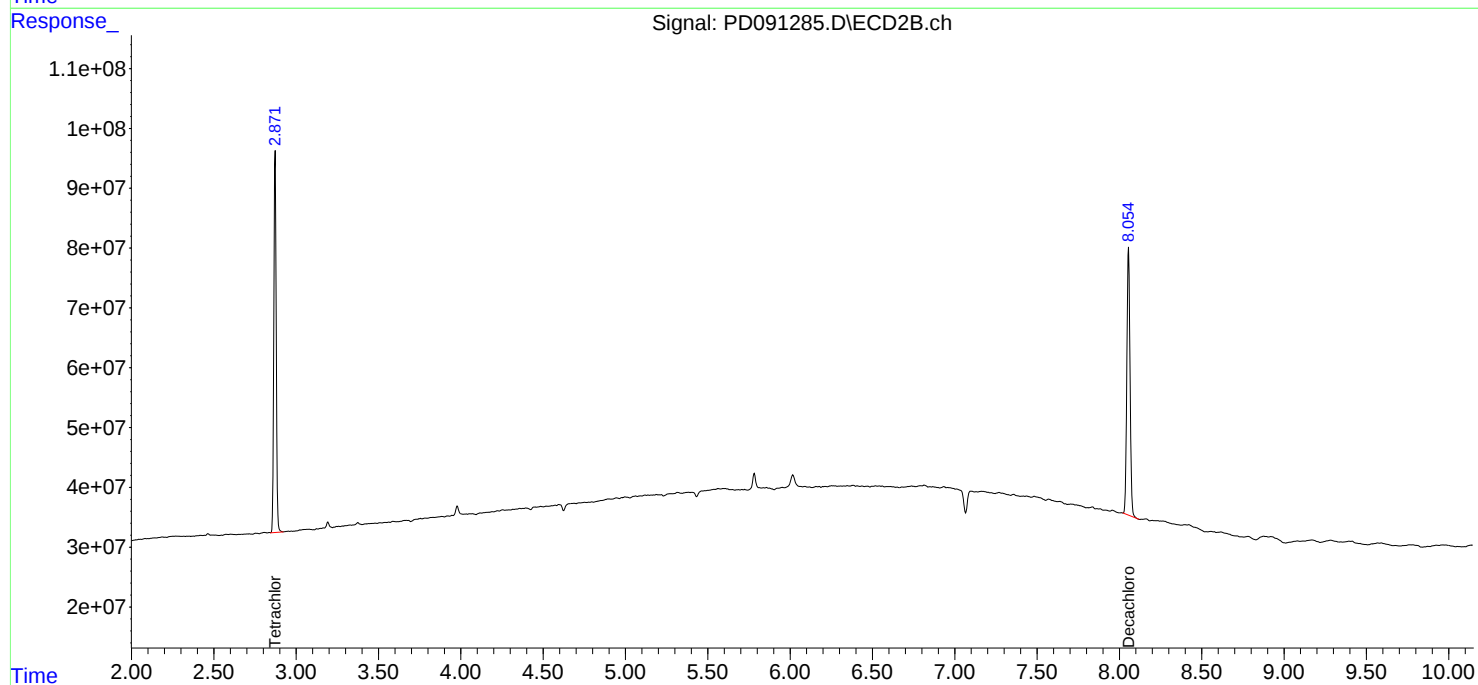
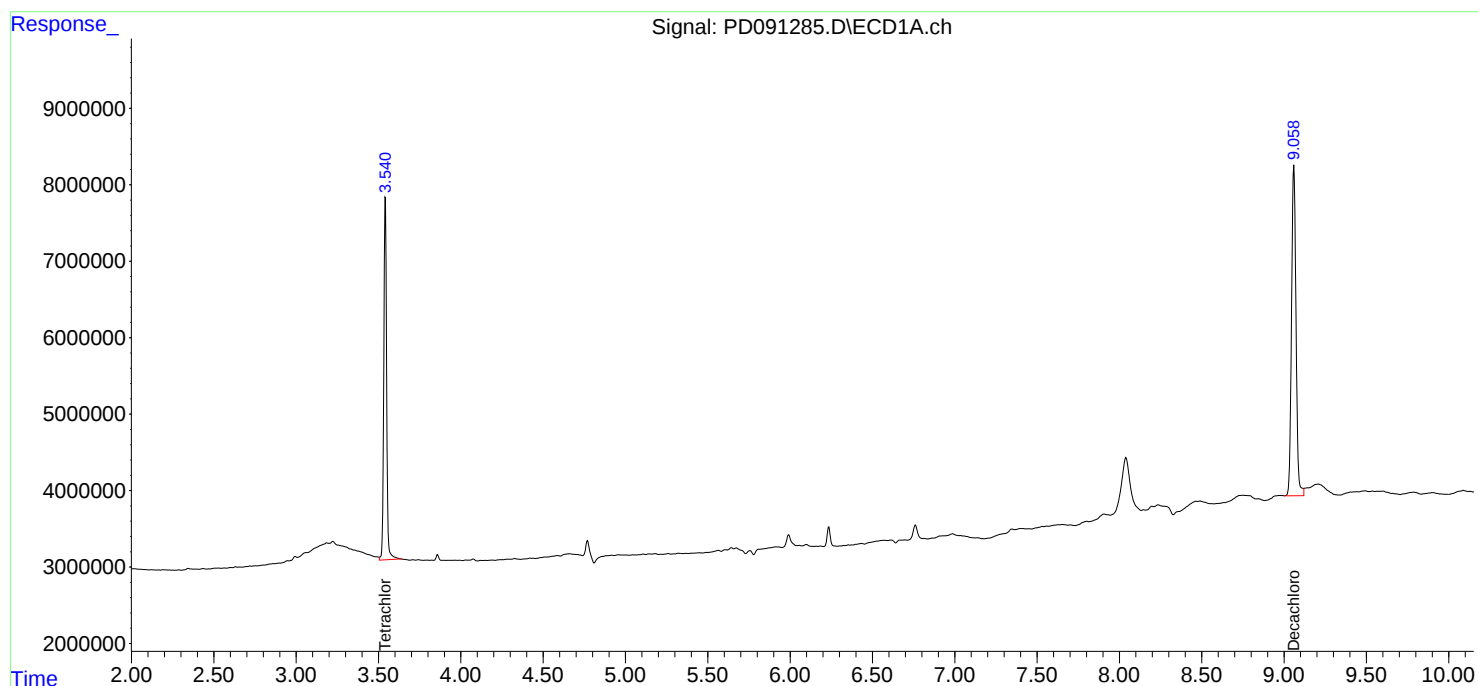
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

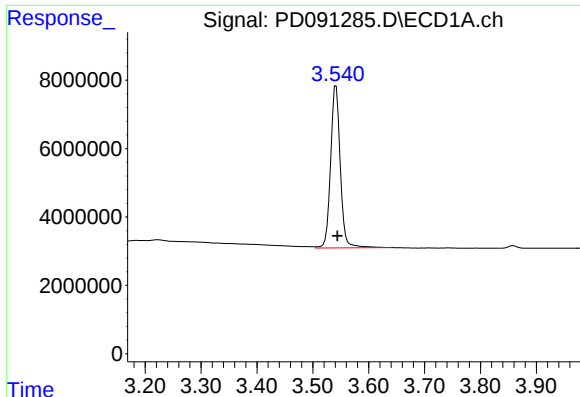
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 17:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

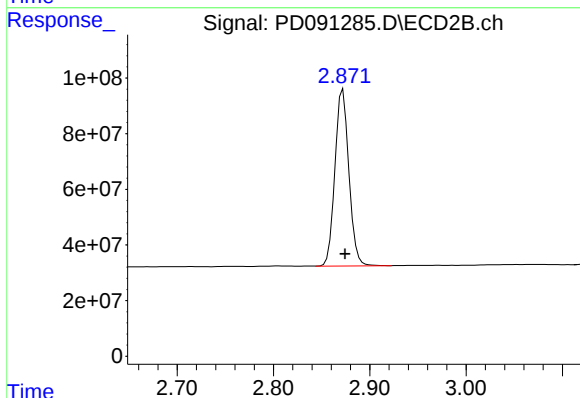




#1 Tetrachloro-m-xylene

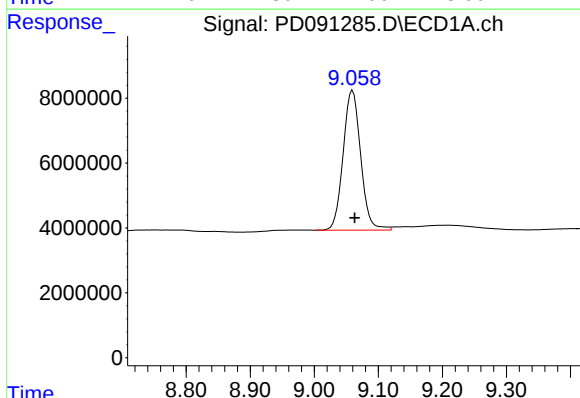
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 57088066
Conc: 16.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



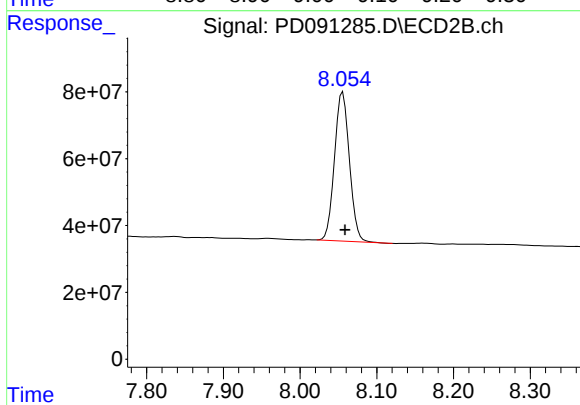
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 641266648
Conc: 17.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 81943212
Conc: 16.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 602149058
Conc: 15.22 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/21/25
Project:	PVWC Linear Construction		Date Received:	11/21/25
Client Sample ID:	PIBLK-PD091328.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091328.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	11/21/25	pd112125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/21/25	pd112125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/21/25	pd112125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/21/25	pd112125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/21/25	pd112125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/21/25	pd112125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/21/25	pd112125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/21/25	pd112125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/21/25	pd112125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/21/25	pd112125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/21/25	pd112125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/21/25	pd112125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/21/25	pd112125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/21/25	pd112125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/21/25	pd112125
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.8			30 (31) - 150 (149)	119%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 09:11
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 26 00:45:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.871	69849866	840.2E6	20.254	22.938
28)	SA Decachlor...	9.065	8.056	108.8E6	941.1E6	21.830	23.781

Target Compounds

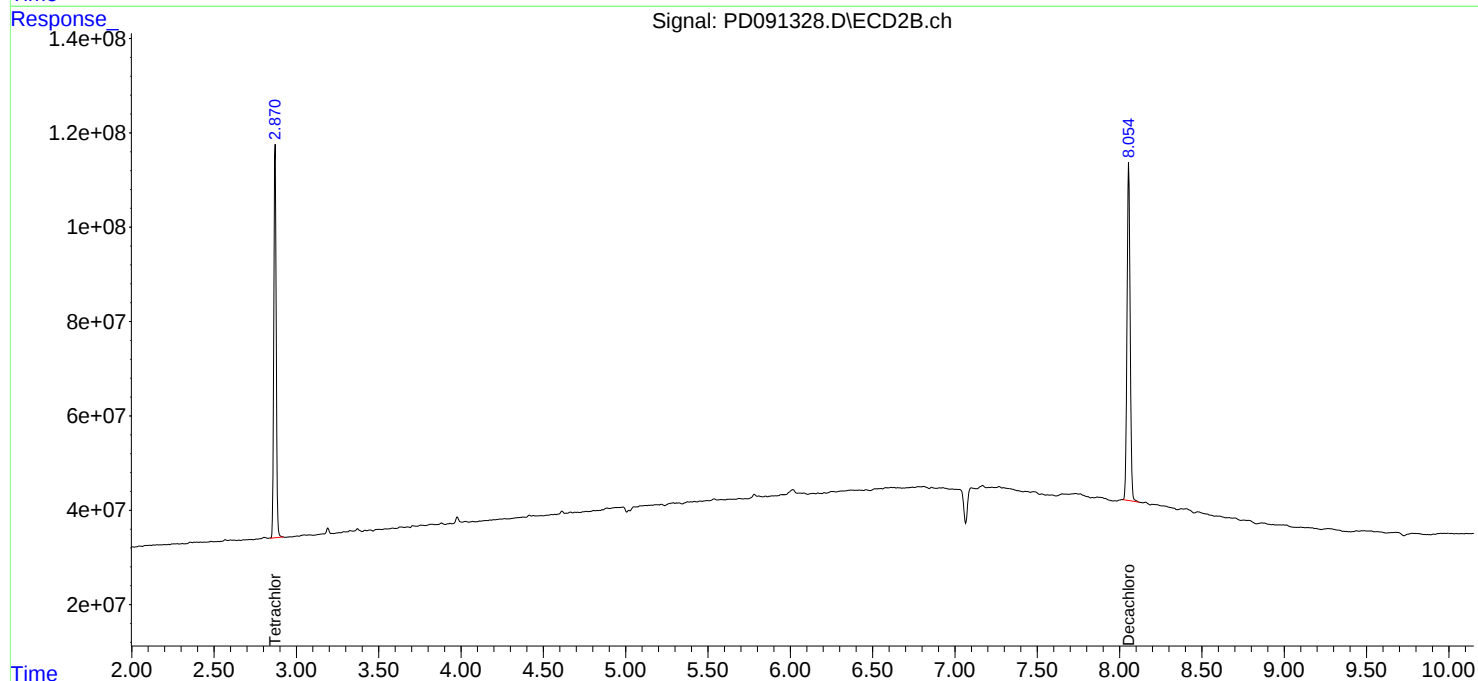
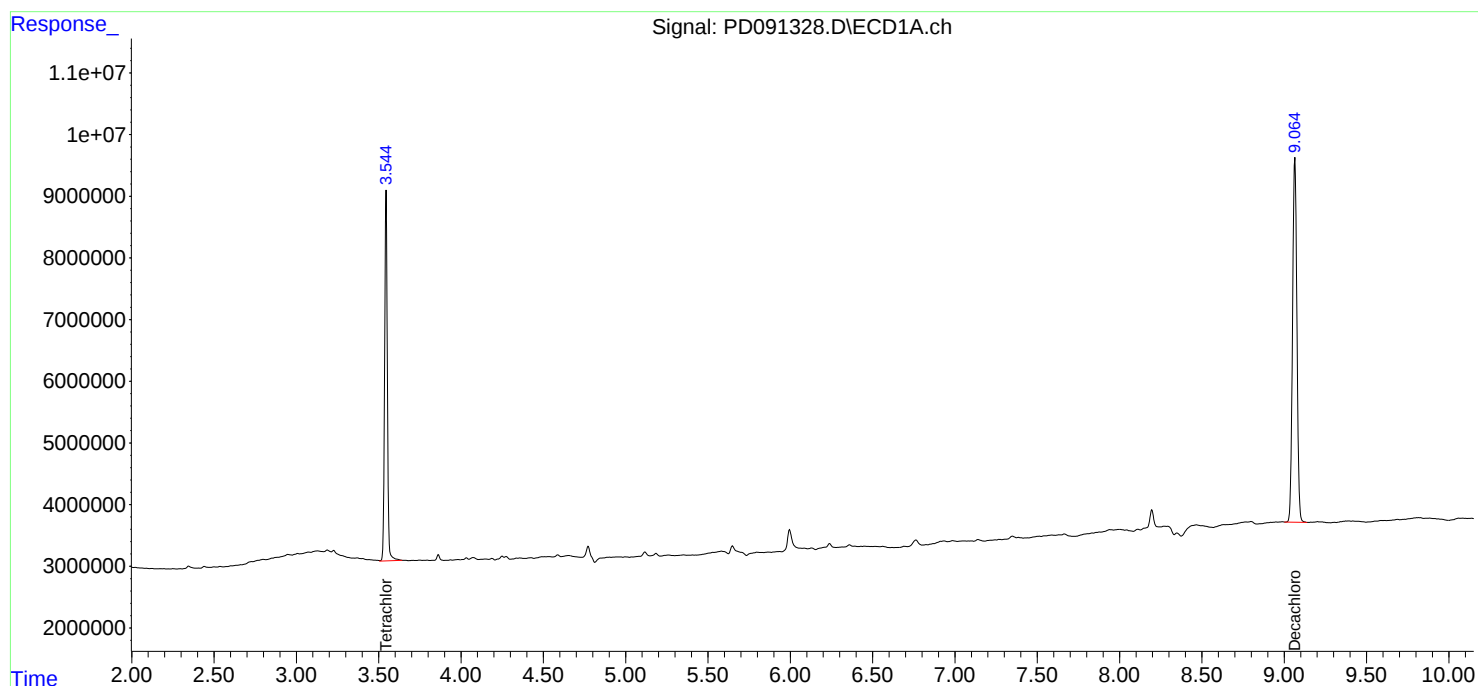
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

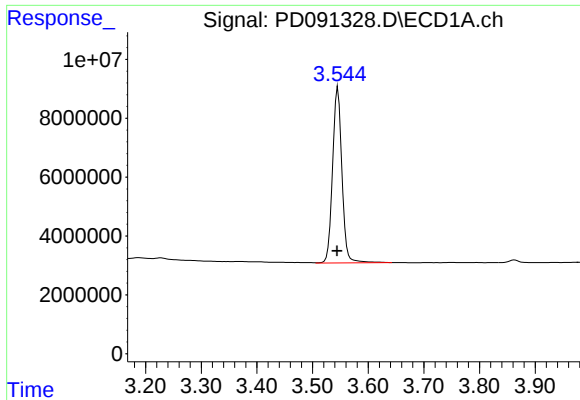
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 09:11
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:45:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

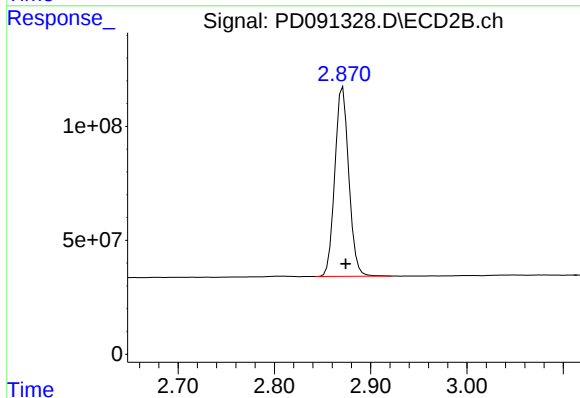




#1 Tetrachloro-m-xylene

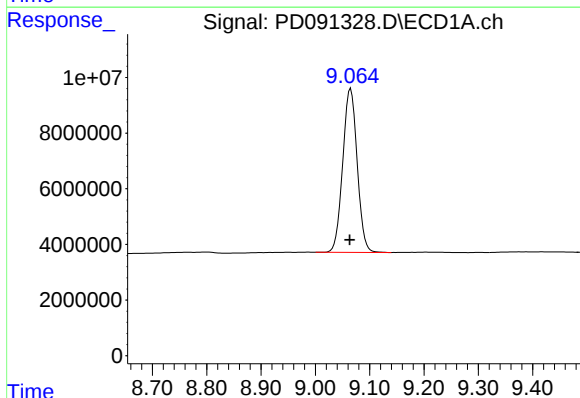
R.T.: 3.545 min
Delta R.T.: 0.001 min
Response: 69849866
Conc: 20.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



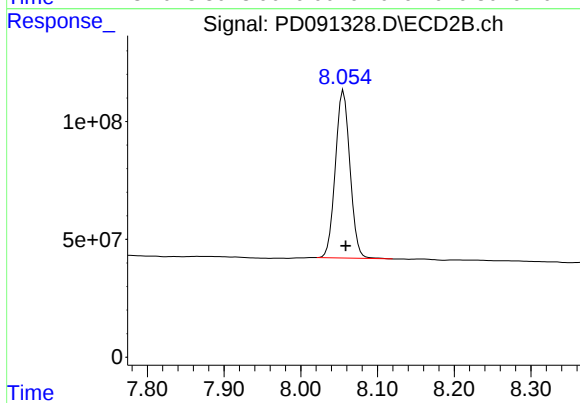
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 840219588
Conc: 22.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.002 min
Response: 108755255
Conc: 21.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 941113382
Conc: 23.78 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/21/25
Project:	PVWC Linear Construction		Date Received:	11/21/25
Client Sample ID:	PIBLK-PD091345.D		SDG No.:	Q3662
Lab Sample ID:	I.BLK-PD091345.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	11/21/25	pd112125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/21/25	pd112125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/21/25	pd112125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/21/25	pd112125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/21/25	pd112125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/21/25	pd112125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/21/25	pd112125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/21/25	pd112125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/21/25	pd112125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/21/25	pd112125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/21/25	pd112125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/21/25	pd112125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/21/25	pd112125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/21/25	pd112125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/21/25	pd112125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/21/25	pd112125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/21/25	pd112125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.4			30 (31) - 150 (149)	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.2			30 (41) - 150 (134)	106%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 14:48
 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 26 00:48:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	65820641	776.9E6	19.086	21.209
28)	SA Decachlor...	9.060	8.056	96570752	763.4E6	19.384	19.290

Target Compounds

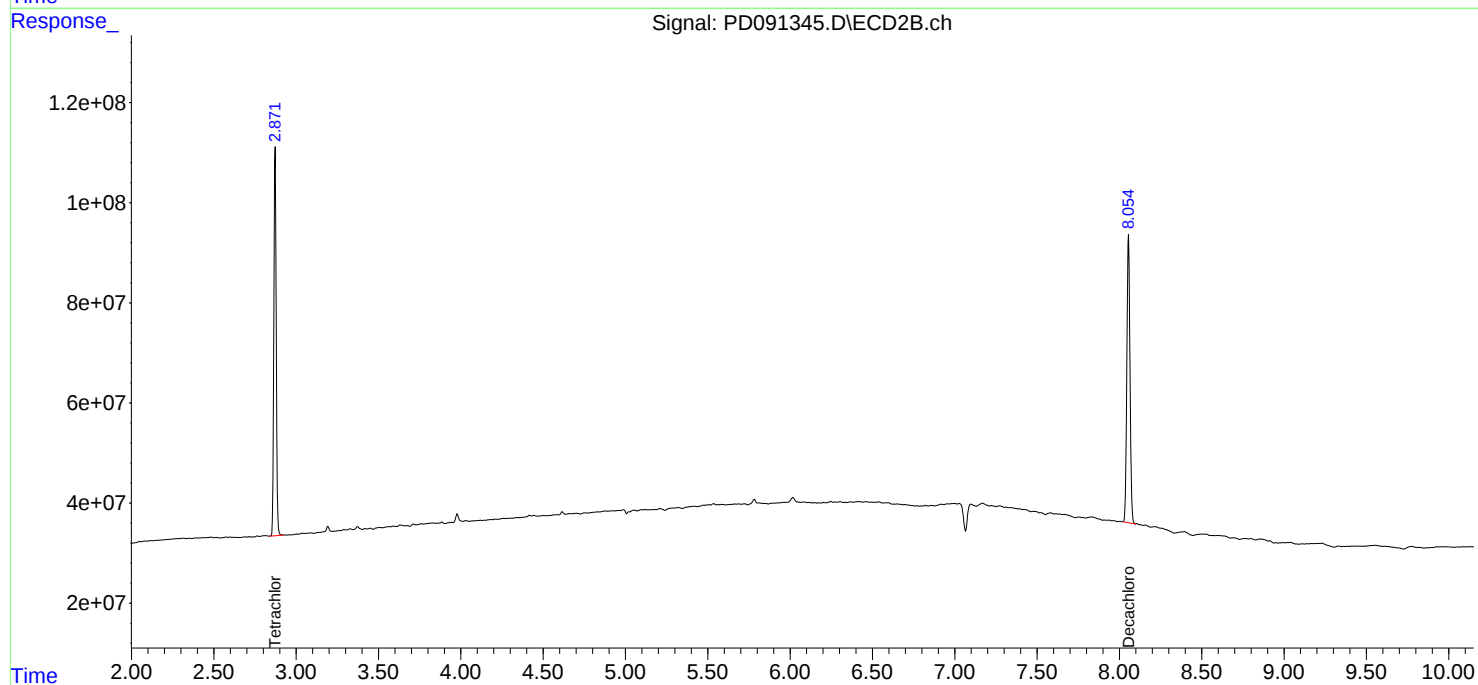
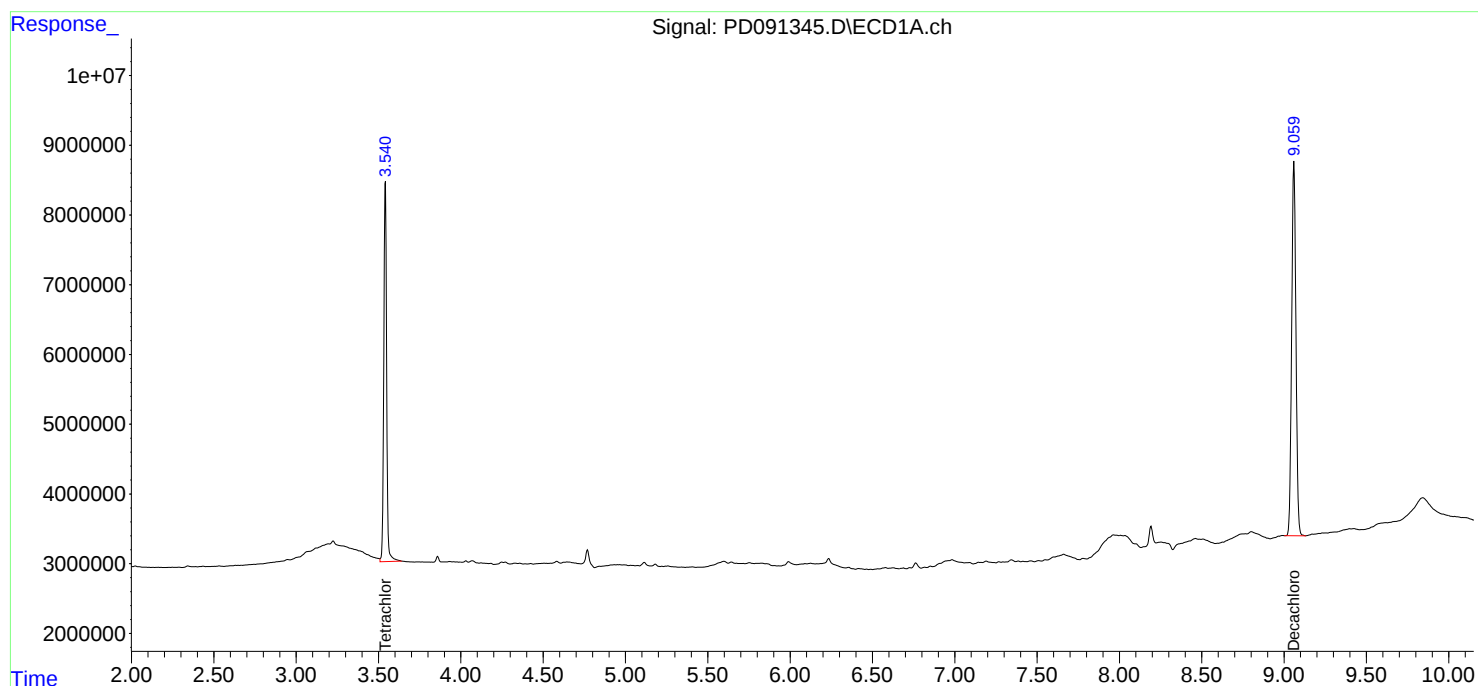
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

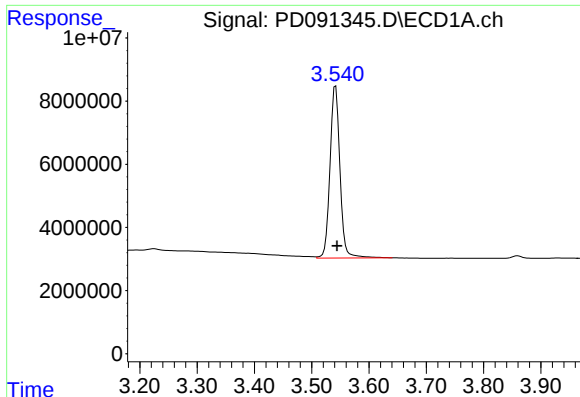
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:48:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

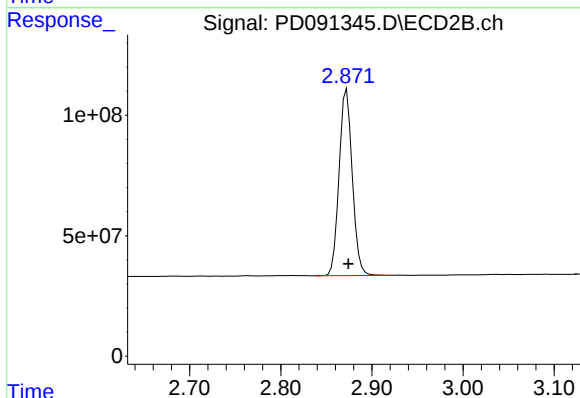




#1 Tetrachloro-m-xylene

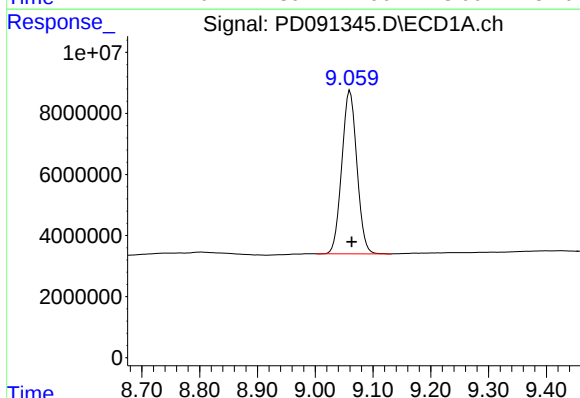
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 65820641
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



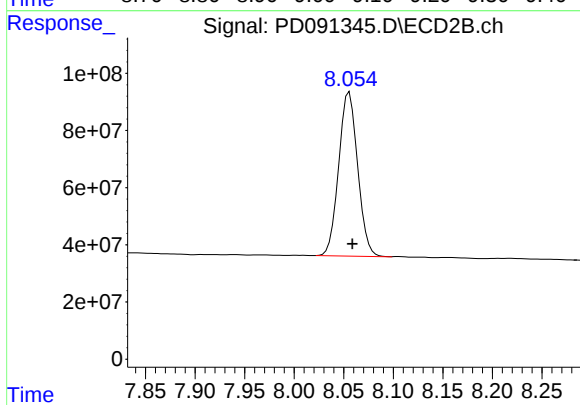
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 776887416
Conc: 21.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 96570752
Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 763409580
Conc: 19.29 ng/ml



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

Report of Analysis

Client:	HDR, Inc.		Date Collected:	
Project:	PVWC Linear Construction		Date Received:	
Client Sample ID:	PB170628BS		SDG No.:	Q3662
Lab Sample ID:	PB170628BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	15.4		1	0.13	1.70	ug/kg	11/21/25 11:38	PB170628
319-85-7	beta-BHC	15.7		1	0.18	1.70	ug/kg	11/21/25 11:38	PB170628
319-86-8	delta-BHC	14.6		1	0.39	1.70	ug/kg	11/21/25 11:38	PB170628
58-89-9	gamma-BHC (Lindane)	15.7		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
76-44-8	Heptachlor	16.1		1	0.12	1.70	ug/kg	11/21/25 11:38	PB170628
309-00-2	Aldrin	16.4		1	0.12	1.70	ug/kg	11/21/25 11:38	PB170628
1024-57-3	Heptachlor epoxide	16.2		1	0.19	1.70	ug/kg	11/21/25 11:38	PB170628
959-98-8	Endosulfan I	15.5		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
60-57-1	Dieldrin	16.4		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
72-55-9	4,4-DDE	16.4		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
72-20-8	Endrin	18.1		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
33213-65-9	Endosulfan II	16.4		1	0.29	1.70	ug/kg	11/21/25 11:38	PB170628
72-54-8	4,4-DDD	15.7		1	0.15	1.70	ug/kg	11/21/25 11:38	PB170628
1031-07-8	Endosulfan Sulfate	16.4		1	0.13	1.70	ug/kg	11/21/25 11:38	PB170628
50-29-3	4,4-DDT	18.5		1	0.14	1.70	ug/kg	11/21/25 11:38	PB170628
72-43-5	Methoxychlor	18.3		1	0.37	1.70	ug/kg	11/21/25 11:38	PB170628
53494-70-5	Endrin ketone	18.0		1	0.19	1.70	ug/kg	11/21/25 11:38	PB170628
7421-93-4	Endrin aldehyde	17.2		1	0.37	1.70	ug/kg	11/21/25 11:38	PB170628
5103-71-9	alpha-Chlordane	16.3		1	0.12	1.70	ug/kg	11/21/25 11:38	PB170628
5103-74-2	gamma-Chlordane	16.4		1	0.15	1.70	ug/kg	11/21/25 11:38	PB170628
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/21/25 11:38	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.8			30 (10) - 150 (143)	119%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.1			30 (10) - 150 (131)	111%	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\PD112125\
 Data File : PD091334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 11:38
 Operator : AR\AJ
 Sample : PB170628BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170628BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:46:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	70901179	811.3E6	20.559	22.149
28)	SA Decachlor...	9.061	8.056	103.3E6	939.8E6	20.734	23.747
Target Compounds							
2)	A alpha-BHC	3.991	3.383	340.7E6	2918.8E6	42.610	46.181
3)	MA gamma-BHC...	4.322	3.719	324.4E6	2732.8E6	43.415	47.263
4)	MA Heptachlor	4.919	4.071	316.4E6	2662.2E6	44.185	48.220
5)	MB Aldrin	5.261	4.356	320.5E6	2776.9E6	44.172	49.186
6)	B beta-BHC	4.510	4.015	122.6E6	1128.8E6	42.197	46.979
7)	B delta-BHC	4.758	4.251	299.7E6	2556.0E6	40.321	43.710
8)	B Heptachlo...	5.681	4.859	285.6E6	2475.8E6	43.956	48.584
9)	A Endosulfan I	6.065	5.233	266.5E6	2220.8E6	43.389	46.410
10)	B gamma-Chl...	5.936	5.112	282.3E6	2681.4E6	43.424	49.086
11)	B alpha-Chl...	6.017	5.176	284.1E6	2554.7E6	41.278	48.818
12)	B 4,4'-DDE	6.186	5.359	248.9E6	2629.6E6	42.922	49.204m
13)	MA Dieldrin	6.337	5.499	284.2E6	2665.4E6	43.959	49.076
14)	MA Endrin	6.564	5.776	232.3E6	2459.3E6	46.810	54.418
15)	B Endosulfa...	6.778	6.067	247.9E6	2291.2E6	44.592	49.083
16)	A 4,4'-DDD	6.697	5.916	209.1E6	2295.3E6	42.566	46.969
17)	MA 4,4'-DDT	7.013	6.169	199.8E6	2174.4E6	48.314	55.566
18)	B Endrin al...	6.907	6.245	190.7E6	1819.4E6	45.779	51.557
19)	B Endosulfa...	7.141	6.469	221.9E6	2209.4E6	43.139	49.278
20)	A Methoxychlor	7.486	6.740	105.4E6	1104.0E6	48.472	55.058
21)	B Endrin ke...	7.622	6.976	248.2E6	2759.0E6	44.053	54.145m
22)	Mirex	8.104	7.170	152.6E6	1624.1E6	42.905	49.008

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:38
Operator : AR\AJ
Sample : PB170628BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170628BS

Manual Integrations

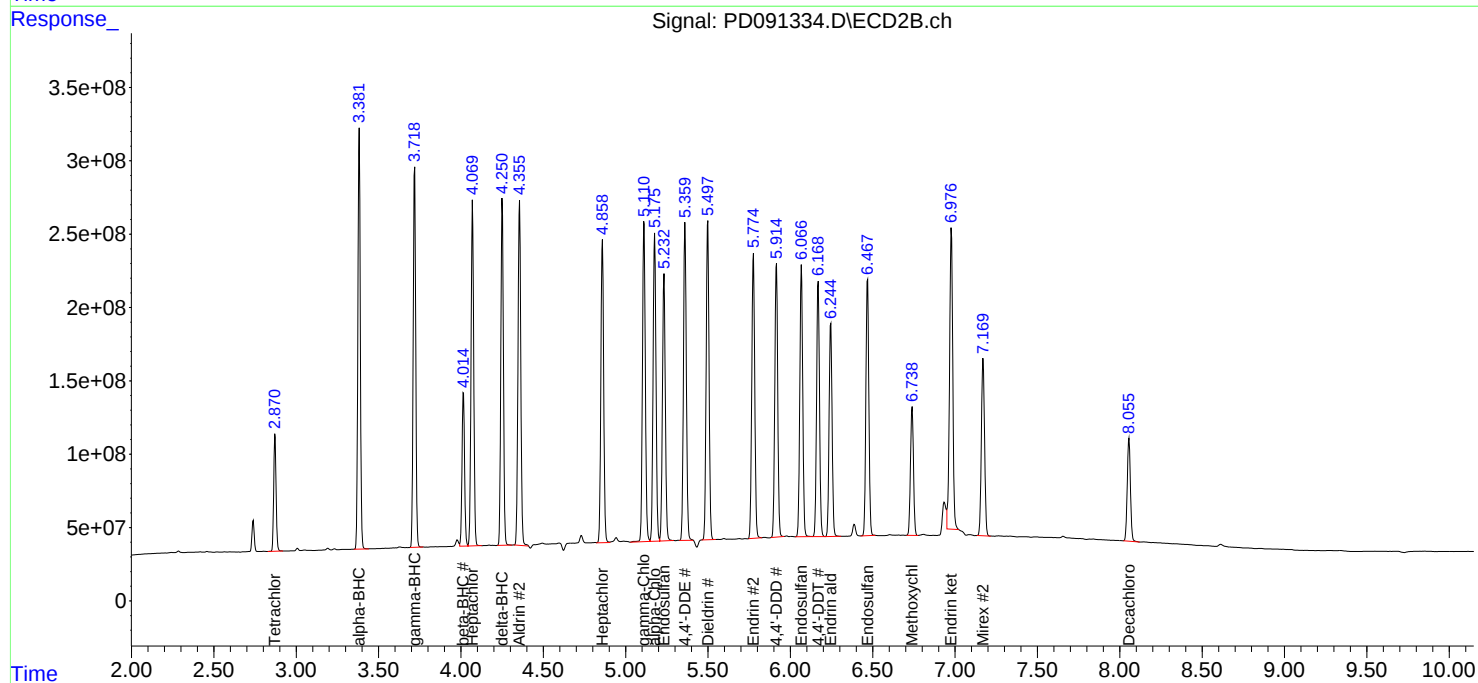
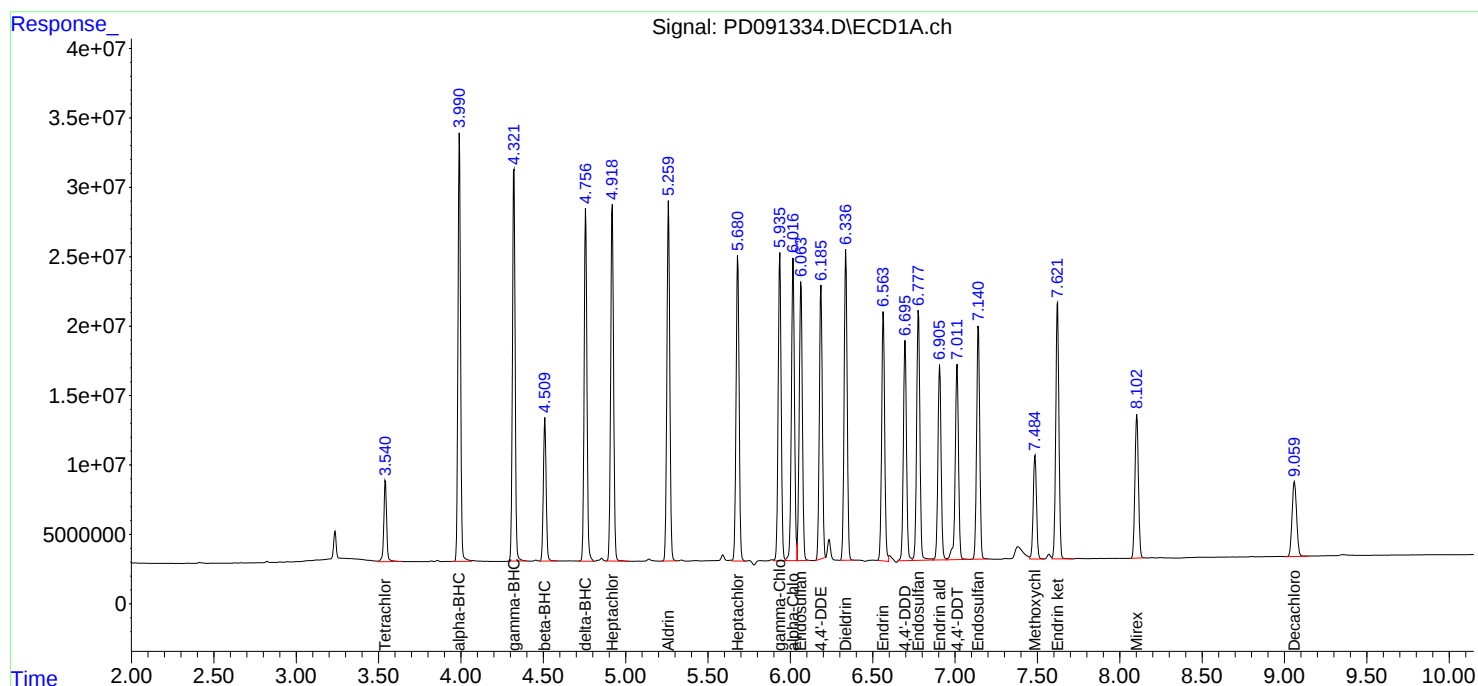
APPROVED

Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:46:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MS	SDG No.:	Q3662
Lab Sample ID:	Q3662-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	Pesticide-TCL
	Prep Date:	11/19/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	16.7		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
319-85-7	beta-BHC	17.7		1	0.21	2.00	ug/kg	11/19/25 16:37	PB170628
319-86-8	delta-BHC	14.0		1	0.46	2.00	ug/kg	11/19/25 16:37	PB170628
58-89-9	gamma-BHC (Lindane)	15.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
76-44-8	Heptachlor	9.80		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
309-00-2	Aldrin	17.9		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
1024-57-3	Heptachlor epoxide	17.4		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
959-98-8	Endosulfan I	15.2		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
60-57-1	Dieldrin	17.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-55-9	4,4-DDE	18.1		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-20-8	Endrin	17.4		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
33213-65-9	Endosulfan II	15.2		1	0.34	2.00	ug/kg	11/19/25 16:37	PB170628
72-54-8	4,4-DDD	14.4		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
1031-07-8	Endosulfan Sulfate	11.8		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
50-29-3	4,4-DDT	9.10		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-43-5	Methoxychlor	8.20		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
53494-70-5	Endrin ketone	9.40		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
7421-93-4	Endrin aldehyde	6.40		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
5103-71-9	alpha-Chlordane	18.1		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
5103-74-2	gamma-Chlordane	20.5		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
8001-35-2	Toxaphene	6.40	U	1	6.40	38.9	ug/kg	11/19/25 16:37	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.0			30 (10) - 150 (143)	55%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.7			30 (10) - 150 (131)	74%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:37
 Operator : AR\AJ
 Sample : Q3662-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.872	49530956	538.9E6	14.363m	14.713
28)	SA Decachlor...	9.058	8.055	54845841	360.0E6	11.009m	9.098
Target Compounds							
2)	A alpha-BHC	3.990	3.383	332.5E6	2684.6E6	41.590	42.476
3)	MA gamma-BHC...	4.320	3.719	299.1E6	2321.1E6	40.021m	40.142
4)	MA Heptachlor	4.918	4.070	168.1E6	1382.0E6	23.475	25.031
5)	MB Aldrin	5.260	4.356	321.6E6	2570.7E6	44.320	45.533
6)	B beta-BHC	4.509	4.015	127.1E6	1082.7E6	43.732	45.060
7)	B delta-BHC	4.757	4.251	265.0E6	2090.5E6	35.657	35.750
8)	B Heptachlo...	5.680	4.859	282.4E6	2255.0E6	43.462	44.251
9)	A Endosulfan I	6.063	5.234	237.6E6	1795.0E6	38.673	37.511
10)	B gamma-Chl...	5.934	5.112	296.7E6	2845.9E6	45.641m	52.097
11)	B alpha-Chl...	6.017	5.176	314.7E6	2415.3E6	45.716	46.155
12)	B 4,4'-DDE	6.186	5.360	257.7E6	2464.3E6	44.443	46.111
13)	MA Dieldrin	6.336	5.498	275.4E6	2458.7E6	42.593	45.270
14)	MA Endrin	6.563	5.775	219.8E6	1867.5E6	44.289	41.322
15)	B Endosulfa...	6.775	6.065	212.0E6	1807.0E6	38.141m	38.710m
16)	A 4,4'-DDD	6.696	5.915	179.6E6	1608.0E6	36.574	32.905
17)	MA 4,4'-DDT	7.011	6.169	88384940	910.7E6	21.372	23.271
18)	B Endrin al...	6.906	6.245	67752068	563.9E6	16.263	15.979
19)	B Endosulfa...	7.140	6.468	154.7E6	1283.9E6	30.079	28.635
20)	A Methoxychlor	7.485	6.739	45416910	398.5E6	20.888	19.876
21)	B Endrin ke...	7.620	6.977	135.4E6	1135.9E6	24.043	22.291
22)	Mirex	8.100	7.170	143.2E6	1243.7E6	40.268m	37.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:37
Operator : AR\AJ
Sample : Q3662-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

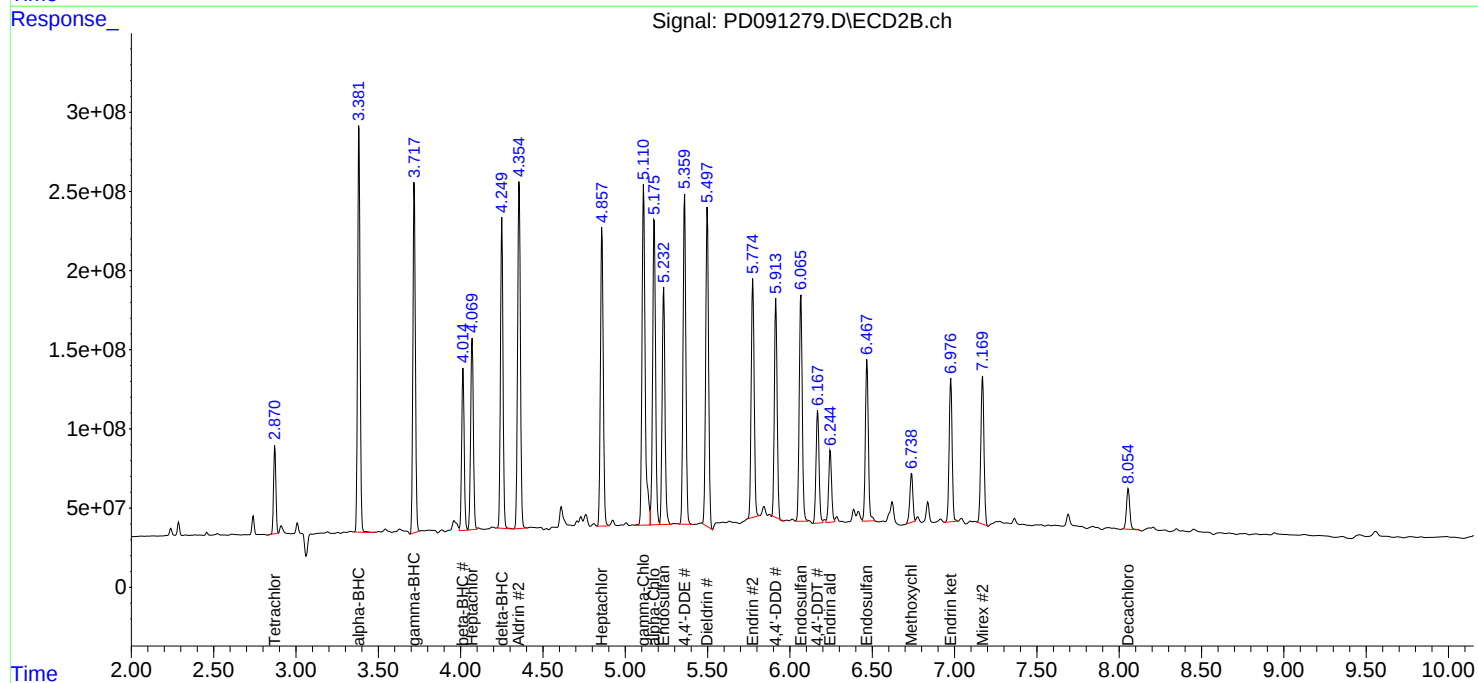
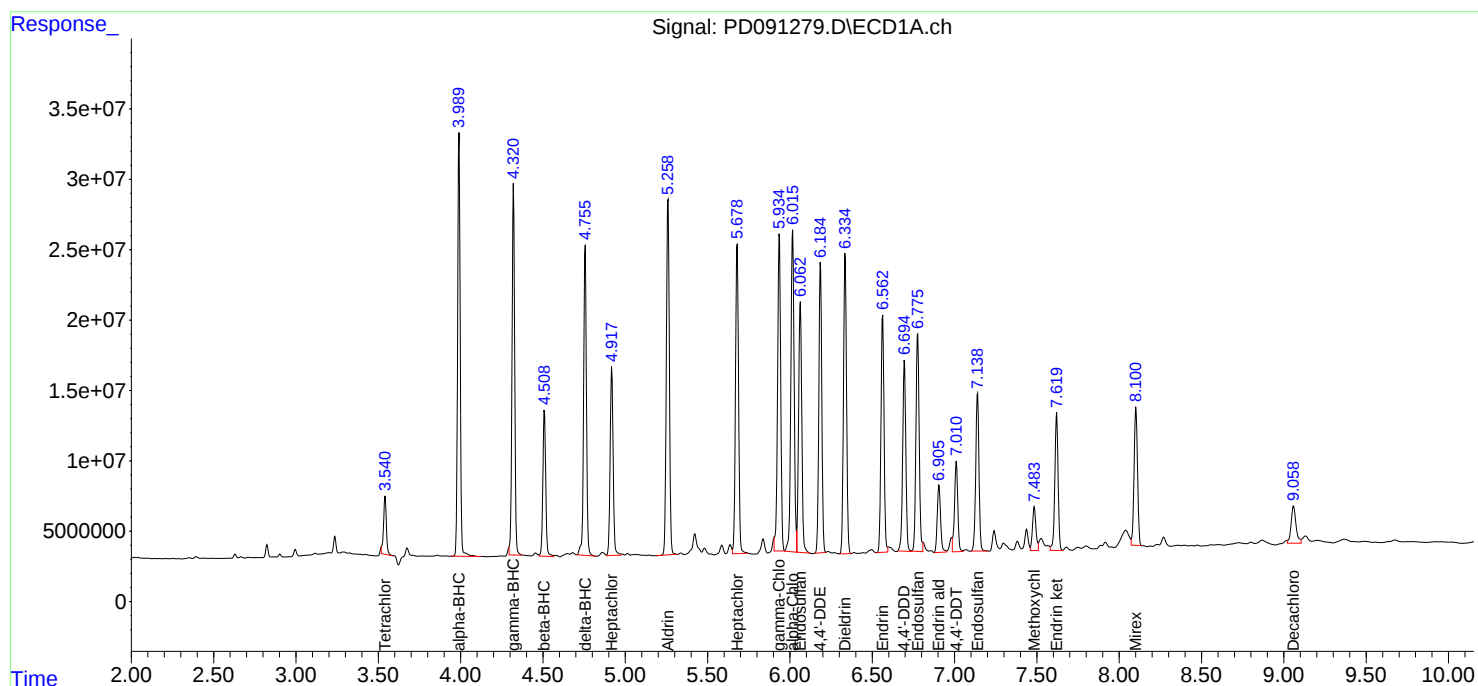
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MS

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MSD	SDG No.:	Q3662
Lab Sample ID:	Q3662-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	Pesticide-TCL
	Prep Date:	11/19/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.9		1	0.15	2.00	ug/kg	11/19/25 16:51	PB170628
319-85-7	beta-BHC	18.0		1	0.21	2.00	ug/kg	11/19/25 16:51	PB170628
319-86-8	delta-BHC	16.7		1	0.46	2.00	ug/kg	11/19/25 16:51	PB170628
58-89-9	gamma-BHC (Lindane)	17.3		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
76-44-8	Heptachlor	11.0		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
309-00-2	Aldrin	18.0		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
1024-57-3	Heptachlor epoxide	17.6		1	0.22	2.00	ug/kg	11/19/25 16:51	PB170628
959-98-8	Endosulfan I	16.4		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
60-57-1	Dieldrin	17.7		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-55-9	4,4-DDE	17.8		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-20-8	Endrin	17.7		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
33213-65-9	Endosulfan II	16.3		1	0.34	2.00	ug/kg	11/19/25 16:51	PB170628
72-54-8	4,4-DDD	15.5		1	0.18	2.00	ug/kg	11/19/25 16:51	PB170628
1031-07-8	Endosulfan Sulfate	14.2		1	0.15	2.00	ug/kg	11/19/25 16:51	PB170628
50-29-3	4,4-DDT	11.6		1	0.16	2.00	ug/kg	11/19/25 16:51	PB170628
72-43-5	Methoxychlor	10.2		1	0.44	2.00	ug/kg	11/19/25 16:51	PB170628
53494-70-5	Endrin ketone	13.4		1	0.22	2.00	ug/kg	11/19/25 16:51	PB170628
7421-93-4	Endrin aldehyde	10.0		1	0.44	2.00	ug/kg	11/19/25 16:51	PB170628
5103-71-9	alpha-Chlordane	18.1		1	0.14	2.00	ug/kg	11/19/25 16:51	PB170628
5103-74-2	gamma-Chlordane	20.2		1	0.18	2.00	ug/kg	11/19/25 16:51	PB170628
8001-35-2	Toxaphene	6.40	U	1	6.40	38.9	ug/kg	11/19/25 16:51	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	10.7			30 (10) - 150 (143)	53%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.3			30 (10) - 150 (131)	77%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 16:51
 Operator : AR\AJ
 Sample : Q3662-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B3-0.0-1.0-20251117MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:31:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.872	48588177	560.8E6	14.089m	15.309
28)	SA Decachlor...	9.059	8.054	53098325	385.8E6	10.658	9.749
Target Compounds							
2)	A alpha-BHC	3.991	3.383	358.0E6	2882.3E6	44.773	45.605
3)	MA gamma-BHC...	4.320	3.719	326.6E6	2550.8E6	43.702m	44.115
4)	MA Heptachlor	4.918	4.070	187.7E6	1546.5E6	26.202	28.011
5)	MB Aldrin	5.260	4.356	324.0E6	2590.0E6	44.655	45.875
6)	B beta-BHC	4.509	4.015	127.6E6	1103.0E6	43.919	45.907
7)	B delta-BHC	4.757	4.251	316.1E6	2490.5E6	42.537	42.589
8)	B Heptachlo...	5.680	4.859	280.4E6	2289.5E6	43.161	44.929
9)	A Endosulfan I	6.064	5.233	257.0E6	1937.6E6	41.844	40.492
10)	B gamma-Chl...	5.934	5.112	290.0E6	2806.0E6	44.608m	51.367
11)	B alpha-Chl...	6.017	5.176	308.4E6	2410.0E6	44.803	46.054
12)	B 4,4'-DDE	6.186	5.361	252.3E6	2425.9E6	43.512	45.392
13)	MA Dieldrin	6.337	5.499	277.7E6	2448.3E6	42.960	45.078
14)	MA Endrin	6.563	5.775	224.2E6	1925.4E6	45.173	42.604
15)	B Endosulfa...	6.775	6.065	229.8E6	1941.6E6	41.337m	41.594m
16)	A 4,4'-DDD	6.695	5.915	194.0E6	1737.3E6	39.489	35.550
17)	MA 4,4'-DDT	7.011	6.168	122.4E6	1142.8E6	29.609	29.202
18)	B Endrin al...	6.906	6.245	105.7E6	893.9E6	25.370	25.331
19)	B Endosulfa...	7.140	6.468	185.6E6	1550.3E6	36.068	34.577
20)	A Methoxychlor	7.484	6.739	56368320	484.0E6	25.924	24.136
21)	B Endrin ke...	7.621	6.977	191.8E6	1532.5E6	34.040	30.074
22)	Mirex	8.101	7.169	140.3E6	1213.8E6	39.456m	36.628

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 16:51
Operator : AR\AJ
Sample : Q3662-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

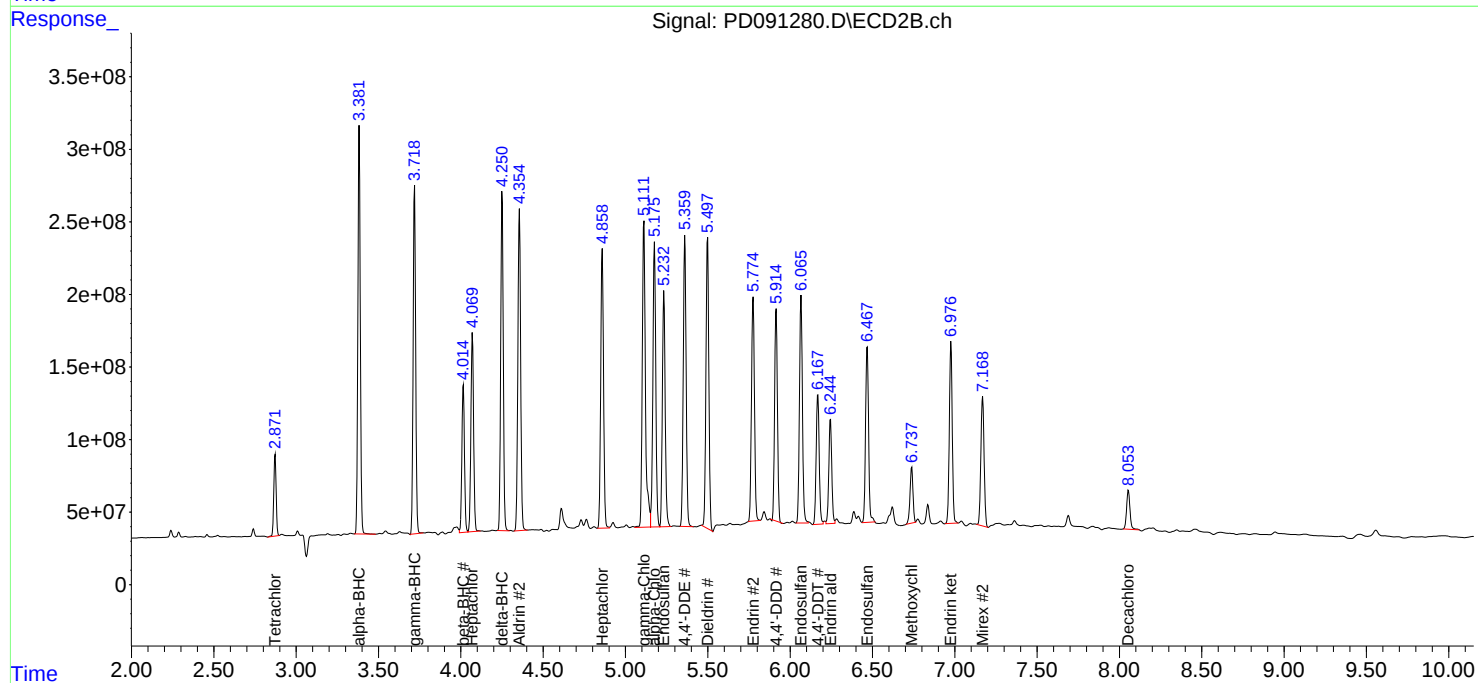
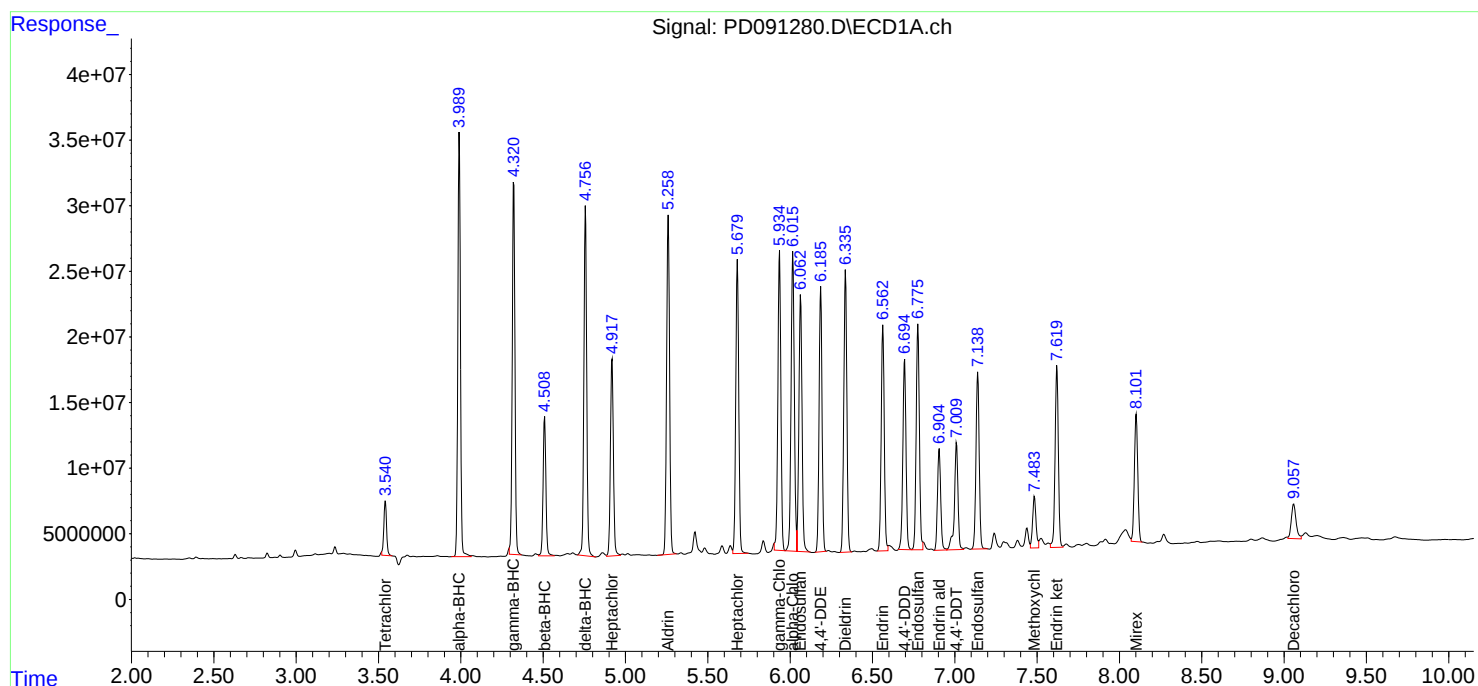
Instrument :
ECD_D
ClientSampleId :
B3-0.0-1.0-20251117MSD

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PD111525	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091194.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PSTDICC005	PD091200.D	delta-BHC	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor epoxide	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene #2	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PEM	PD091215.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:18 AM	Sohil	11/17/2025 2:14:03	Peak Integrated by Software

Manual Integration Report

Sequence:	PD111925	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3662-02	PD091278.D	4,4"-DDE	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02	PD091278.D	4,4"-DDE #2	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02	PD091278.D	4,4"-DDT	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02	PD091278.D	Decachlorobiphenyl	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02	PD091278.D	Heptachlor epoxide #2	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02	PD091278.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:39 AM	Sohil	11/20/2025 4:02:44	Peak Integrated by Software
Q3662-02MS	PD091279.D	Decachlorobiphenyl	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Endosulfan II	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Endosulfan II #2	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	gamma-BHC (Lindane)	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	gamma-Chlordane	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Mirex	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software
Q3662-02MS	PD091279.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:36 AM	Sohil	11/20/2025 4:02:46	Peak Integrated by Software

Manual Integration Report

Sequence:	PD111925	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3662-02MSD	PD091280.D	Endosulfan II	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Endosulfan II #2	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	gamma-BHC (Lindane)	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	gamma-Chlordane	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Mirex	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-02MSD	PD091280.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:32 AM	Sohil	11/20/2025 4:02:49	Peak Integrated by Software
Q3662-04	PD091281.D	4,4"-DDE	Abdul	11/20/2025 8:19:28 AM	Sohil	11/20/2025 4:02:51	Peak Integrated by Software
Q3662-04	PD091281.D	4,4"-DDT	Abdul	11/20/2025 8:19:28 AM	Sohil	11/20/2025 4:02:51	Peak Integrated by Software
Q3662-04	PD091281.D	alpha-Chlordane #2	Abdul	11/20/2025 8:19:28 AM	Sohil	11/20/2025 4:02:51	Peak Integrated by Software
Q3662-04	PD091281.D	gamma-Chlordane #2	Abdul	11/20/2025 8:19:28 AM	Sohil	11/20/2025 4:02:51	Peak Integrated by Software
PEM	PD091286.D	4,4"-DDE #2	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PEM	PD091286.D	beta-BHC #2	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PEM	PD091286.D	Endrin aldehyde	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software

Manual Integration Report

Sequence:

PD111925

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091286.D	Tetrachloro-m-xylene	Abdul	11/20/2025 8:19:00 AM	Sohil	11/20/2025 4:03:02	Peak Integrated by Software
PSTDCCC050	PD091287.D	4,4"-DDE #2	Abdul	11/20/2025 8:18:55 AM	Sohil	11/20/2025 4:03:05	Peak Integrated by Software
PSTDCCC050	PD091287.D	Endosulfan II	Abdul	11/20/2025 8:18:55 AM	Sohil	11/20/2025 4:03:05	Peak Integrated by Software

Manual Integration Report

Sequence:

pd112125

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091329.D	4,4"-DDE #2	rahul	11/26/2025 4:51:50 AM	mohammad	11/26/2025 4:54:22	Peak Integrated by Software
PB170628BS	PD091334.D	4,4"-DDE #2	rahul	11/26/2025 4:51:56 AM	mohammad	11/26/2025 4:54:22	Peak Integrated by Software
PB170628BS	PD091334.D	Endrin ketone #2	rahul	11/26/2025 4:51:56 AM	mohammad	11/26/2025 4:54:22	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	I.BLK	PD091193.D	14 Nov 2025 20:01	AR\AJ	Ok
2	PEM	PD091194.D	14 Nov 2025 20:15	AR\AJ	Ok,M
3	RESCHK	PD091195.D	14 Nov 2025 20:43	AR\AJ	Ok
4	PSTDICC100	PD091196.D	14 Nov 2025 20:56	AR\AJ	Ok
5	PSTDICC075	PD091197.D	14 Nov 2025 21:10	AR\AJ	Ok
6	PSTDICC050	PD091198.D	14 Nov 2025 21:24	AR\AJ	Ok
7	PSTDICC025	PD091199.D	14 Nov 2025 21:37	AR\AJ	Ok
8	PSTDICC005	PD091200.D	14 Nov 2025 21:51	AR\AJ	Ok,M
9	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04	AR\AJ	Ok
10	PCHLORICC750	PD091202.D	14 Nov 2025 22:18	AR\AJ	Ok
11	PCHLORICC500	PD091203.D	14 Nov 2025 22:32	AR\AJ	Ok
12	PCHLORICC250	PD091204.D	14 Nov 2025 22:46	AR\AJ	Ok,M
13	PCHLORICC50	PD091205.D	14 Nov 2025 22:59	AR\AJ	Ok,M
14	PTOXICC1000	PD091206.D	14 Nov 2025 23:13	AR\AJ	Ok
15	PTOXICC750	PD091207.D	14 Nov 2025 23:27	AR\AJ	Ok
16	PTOXICC500	PD091208.D	14 Nov 2025 23:40	AR\AJ	Ok
17	PTOXICC250	PD091209.D	14 Nov 2025 23:54	AR\AJ	Ok
18	PTOXICC100	PD091210.D	15 Nov 2025 00:08	AR\AJ	Ok
19	PSTDICV050	PD091211.D	15 Nov 2025 00:21	AR\AJ	Ok
20	PCHLORICV050	PD091212.D	15 Nov 2025 00:49	AR\AJ	Ok
21	PTOXICV050	PD091213.D	15 Nov 2025 01:30	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	I.BLK	PD091214.D	15 Nov 2025 01:44	AR\AJ	Ok
23	PEM	PD091215.D	15 Nov 2025 01:57	AR\AJ	Ok,M
24	PSTDCCC050	PD091216.D	15 Nov 2025 02:11	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PD091263.D	19 Nov 2025 08:52	AR\AJ	Ok
2	I.BLK	PD091264.D	19 Nov 2025 09:05	AR\AJ	Ok
3	PEM	PD091265.D	19 Nov 2025 09:19	AR\AJ	Ok
4	PSTDCCC050	PD091266.D	19 Nov 2025 12:24	AR\AJ	Ok
5	Q3660-01	PD091267.D	19 Nov 2025 12:38	AR\AJ	Ok
6	PB170610BS	PD091268.D	19 Nov 2025 13:33	AR\AJ	Not Ok
7	PB170610BSD	PD091269.D	19 Nov 2025 13:54	AR\AJ	Not Ok
8	PB170628BL	PD091270.D	19 Nov 2025 14:07	AR\AJ	Ok
9	PB170628BS	PD091271.D	19 Nov 2025 14:21	AR\AJ	Not Ok
10	Q3483-20	PD091272.D	19 Nov 2025 14:34	AR\AJ	Dilution
11	Q3669-01	PD091273.D	19 Nov 2025 14:48	AR\AJ	Ok,M
12	Q3483-20DL	PD091274.D	19 Nov 2025 15:02	AR\AJ	Ok,M
13	I.BLK	PD091275.D	19 Nov 2025 15:16	AR\AJ	Ok
14	PSTDCCC050	PD091276.D	19 Nov 2025 15:55	AR\AJ	Ok
15	PP25072	PD091277.D	19 Nov 2025 16:09	AR\AJ	Ok
16	Q3662-02	PD091278.D	19 Nov 2025 16:24	AR\AJ	Ok,M
17	Q3662-02MS	PD091279.D	19 Nov 2025 16:37	AR\AJ	Ok,M
18	Q3662-02MSD	PD091280.D	19 Nov 2025 16:51	AR\AJ	Ok,M
19	Q3662-04	PD091281.D	19 Nov 2025 17:05	AR\AJ	Ok,M
20	Q3664-01	PD091282.D	19 Nov 2025 17:18	AR\AJ	Ok,M
21	Q3664-03	PD091283.D	19 Nov 2025 17:32	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	Q3664-05	PD091284.D	19 Nov 2025 17:45	AR\AJ	Ok,M
23	I.BLK	PD091285.D	19 Nov 2025 17:59	AR\AJ	Ok
24	PEM	PD091286.D	19 Nov 2025 18:13	AR\AJ	Ok,M
25	PSTDCCC050	PD091287.D	19 Nov 2025 18:40	AR\AJ	Ok,M
26	PB170638BL	PD091288.D	19 Nov 2025 18:54	AR\AJ	Ok
27	PB170638BS	PD091289.D	19 Nov 2025 19:07	AR\AJ	Not Ok
28	PB170600TB	PD091290.D	19 Nov 2025 19:21	AR\AJ	Ok
29	Q3659-01	PD091291.D	19 Nov 2025 19:35	AR\AJ	Ok
30	Q3659-01MS	PD091292.D	19 Nov 2025 19:48	AR\AJ	Ok,M
31	Q3659-01MSD	PD091293.D	19 Nov 2025 20:02	AR\AJ	Ok,M
32	Q3659-02	PD091294.D	19 Nov 2025 20:16	AR\AJ	Ok
33	I.BLK	PD091295.D	19 Nov 2025 20:29	AR\AJ	Ok
34	PSTDCCC050	PD091296.D	19 Nov 2025 20:43	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD112125

Review By	rahul	Review On	11/26/2025 4:53:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:54:22 AM
SubDirectory	PD112125	HP Acquire Method	HP Processing Method pd111525 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	PD091327.D	21 Nov 2025 08:55	AR\AJ	Ok
2	I.BLK	PD091328.D	21 Nov 2025 09:11	AR\AJ	Ok
3	PEM	PD091329.D	21 Nov 2025 09:25	AR\AJ	Ok,M
4	PSTDCCC050	PD091330.D	21 Nov 2025 09:59	AR\AJ	Ok
5	PB170610BS	PD091331.D	21 Nov 2025 10:31	AR\AJ	Ok
6	PB170610BSD	PD091332.D	21 Nov 2025 11:07	AR\AJ	Ok,M
7	PB170638BS	PD091333.D	21 Nov 2025 11:24	AR\AJ	Ok,M
8	PB170628BS	PD091334.D	21 Nov 2025 11:38	AR\AJ	Ok,M
9	PB170651BS	PD091335.D	21 Nov 2025 12:32	AR\AJ	Ok,M
10	PB170672BL	PD091336.D	21 Nov 2025 12:46	AR\AJ	Ok
11	PB170672BS	PD091337.D	21 Nov 2025 13:00	AR\AJ	Ok,M
12	Q3699-01	PD091338.D	21 Nov 2025 13:13	AR\AJ	Ok,M
13	Q3699-03	PD091339.D	21 Nov 2025 13:27	AR\AJ	ReRun
14	Q3699-03MS	PD091340.D	21 Nov 2025 13:40	AR\AJ	Ok,M
15	Q3699-03MSD	PD091341.D	21 Nov 2025 13:54	AR\AJ	Ok,M
16	Q3697-01	PD091342.D	21 Nov 2025 14:08	AR\AJ	Ok
17	Q3697-02	PD091343.D	21 Nov 2025 14:21	AR\AJ	Ok,M
18	Q3697-03	PD091344.D	21 Nov 2025 14:35	AR\AJ	Ok,M
19	I.BLK	PD091345.D	21 Nov 2025 14:48	AR\AJ	Ok
20	PSTDCCC050	PD091346.D	21 Nov 2025 15:02	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PD091193.D	14 Nov 2025 20:01		AR\AJ	Ok
2	PEM	PEM	PD091194.D	14 Nov 2025 20:15		AR\AJ	Ok,M
3	RESCHK	RESCHK	PD091195.D	14 Nov 2025 20:43		AR\AJ	Ok
4	PSTDICC100	PSTDICC100	PD091196.D	14 Nov 2025 20:56		AR\AJ	Ok
5	PSTDICC075	PSTDICC075	PD091197.D	14 Nov 2025 21:10		AR\AJ	Ok
6	PSTDICC050	PSTDICC050	PD091198.D	14 Nov 2025 21:24		AR\AJ	Ok
7	PSTDICC025	PSTDICC025	PD091199.D	14 Nov 2025 21:37		AR\AJ	Ok
8	PSTDICC005	PSTDICC005	PD091200.D	14 Nov 2025 21:51		AR\AJ	Ok,M
9	PCHLORICC1000	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04		AR\AJ	Ok
10	PCHLORICC750	PCHLORICC750	PD091202.D	14 Nov 2025 22:18		AR\AJ	Ok
11	PCHLORICC500	PCHLORICC500	PD091203.D	14 Nov 2025 22:32		AR\AJ	Ok
12	PCHLORICC250	PCHLORICC250	PD091204.D	14 Nov 2025 22:46		AR\AJ	Ok,M
13	PCHLORICC50	PCHLORICC50	PD091205.D	14 Nov 2025 22:59		AR\AJ	Ok,M
14	PTOXICC1000	PTOXICC1000	PD091206.D	14 Nov 2025 23:13		AR\AJ	Ok
15	PTOXICC750	PTOXICC750	PD091207.D	14 Nov 2025 23:27		AR\AJ	Ok
16	PTOXICC500	PTOXICC500	PD091208.D	14 Nov 2025 23:40		AR\AJ	Ok
17	PTOXICC250	PTOXICC250	PD091209.D	14 Nov 2025 23:54		AR\AJ	Ok
18	PTOXICC100	PTOXICC100	PD091210.D	15 Nov 2025 00:08		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM
SubDirectory	PD111525	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PSTDICV050	ICVPD111525	PD091211.D	15 Nov 2025 00:21		AR\AJ	Ok
20	PCHLORICV050	ICVPD111525CHLOR	PD091212.D	15 Nov 2025 00:49		AR\AJ	Ok
21	PTOXICV050	ICVPD111525TOX	PD091213.D	15 Nov 2025 01:30		AR\AJ	Ok
22	I.BLK	I.BLK	PD091214.D	15 Nov 2025 01:44		AR\AJ	Ok
23	PEM	PEM	PD091215.D	15 Nov 2025 01:57		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD091216.D	15 Nov 2025 02:11		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091263.D	19 Nov 2025 08:52		AR\AJ	Ok
2	I.BLK	I.BLK	PD091264.D	19 Nov 2025 09:05		AR\AJ	Ok
3	PEM	PEM	PD091265.D	19 Nov 2025 09:19		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091266.D	19 Nov 2025 12:24		AR\AJ	Ok
5	Q3660-01	FRAC-TANK-M21012	PD091267.D	19 Nov 2025 12:38		AR\AJ	Ok
6	PB170610BS	PB170610BS	PD091268.D	19 Nov 2025 13:33	TCMX high in both column	AR\AJ	Not Ok
7	PB170610BSD	PB170610BSD	PD091269.D	19 Nov 2025 13:54	TCMX high in both column	AR\AJ	Not Ok
8	PB170628BL	PB170628BL	PD091270.D	19 Nov 2025 14:07		AR\AJ	Ok
9	PB170628BS	PB170628BS	PD091271.D	19 Nov 2025 14:21	DCB high in 2nd column	AR\AJ	Not Ok
10	Q3483-20	HW1025-PT-PEST-SO	PD091272.D	19 Nov 2025 14:34	need dilution	AR\AJ	Dilution
11	Q3669-01	EO-01-11182025	PD091273.D	19 Nov 2025 14:48		AR\AJ	Ok,M
12	Q3483-20DL	HW1025-PT-PEST-SO	PD091274.D	19 Nov 2025 15:02	TCMX high in 2nd column	AR\AJ	Ok,M
13	I.BLK	I.BLK	PD091275.D	19 Nov 2025 15:16		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PD091276.D	19 Nov 2025 15:55		AR\AJ	Ok
15	PP25072	PP25072	PD091277.D	19 Nov 2025 16:09		AR\AJ	Ok
16	Q3662-02	B3-0.0-1.0-20251117	PD091278.D	19 Nov 2025 16:24		AR\AJ	Ok,M
17	Q3662-02MS	B3-0.0-1.0-20251117MS	PD091279.D	19 Nov 2025 16:37		AR\AJ	Ok,M
18	Q3662-02MSD	B3-0.0-1.0-20251117MSD	PD091280.D	19 Nov 2025 16:51	RPD Fail	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD111925

Review By	Abdul	Review On	11/20/2025 8:20:36 AM
Supervise By	Sohil	Supervise On	11/20/2025 4:03:21 PM
SubDirectory	PD111925	HP Acquire Method	HP Processing Method pd111525 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	Q3662-04	B1-0.0-1.0-20251117	PD091281.D	19 Nov 2025 17:05		AR\AJ	Ok,M
20	Q3664-01	ARS20-0001	PD091282.D	19 Nov 2025 17:18		AR\AJ	Ok,M
21	Q3664-03	ARS20-0013	PD091283.D	19 Nov 2025 17:32		AR\AJ	Ok,M
22	Q3664-05	291399	PD091284.D	19 Nov 2025 17:45		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD091285.D	19 Nov 2025 17:59		AR\AJ	Ok
24	PEM	PEM	PD091286.D	19 Nov 2025 18:13		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD091287.D	19 Nov 2025 18:40		AR\AJ	Ok,M
26	PB170638BL	PB170638BL	PD091288.D	19 Nov 2025 18:54		AR\AJ	Ok
27	PB170638BS	PB170638BS	PD091289.D	19 Nov 2025 19:07	some compound recovery fail	AR\AJ	Not Ok
28	PB170600TB	PB170600TB	PD091290.D	19 Nov 2025 19:21		AR\AJ	Ok
29	Q3659-01	TANK-1-COMP-1	PD091291.D	19 Nov 2025 19:35		AR\AJ	Ok
30	Q3659-01MS	TANK-1-COMP-1MS	PD091292.D	19 Nov 2025 19:48		AR\AJ	Ok,M
31	Q3659-01MSD	TANK-1-COMP-1MSD	PD091293.D	19 Nov 2025 20:02		AR\AJ	Ok,M
32	Q3659-02	TANK-1-COMP-2	PD091294.D	19 Nov 2025 20:16		AR\AJ	Ok
33	I.BLK	I.BLK	PD091295.D	19 Nov 2025 20:29		AR\AJ	Ok
34	PSTDCCC050	PSTDCCC050	PD091296.D	19 Nov 2025 20:43		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112125

Review By	rahul	Review On	11/26/2025 4:53:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:54:22 AM
SubDirectory	PD112125	HP Acquire Method	HP Processing Method pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091327.D	21 Nov 2025 08:55		AR\AJ	Ok
2	I.BLK	I.BLK	PD091328.D	21 Nov 2025 09:11		AR\AJ	Ok
3	PEM	PEM	PD091329.D	21 Nov 2025 09:25		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD091330.D	21 Nov 2025 09:59		AR\AJ	Ok
5	PB170610BS	PB170610BS	PD091331.D	21 Nov 2025 10:31		AR\AJ	Ok
6	PB170610BSD	PB170610BSD	PD091332.D	21 Nov 2025 11:07		AR\AJ	Ok,M
7	PB170638BS	PB170638BS	PD091333.D	21 Nov 2025 11:24		AR\AJ	Ok,M
8	PB170628BS	PB170628BS	PD091334.D	21 Nov 2025 11:38		AR\AJ	Ok,M
9	PB170651BS	PB170651BS	PD091335.D	21 Nov 2025 12:32		AR\AJ	Ok,M
10	PB170672BL	PB170672BL	PD091336.D	21 Nov 2025 12:46		AR\AJ	Ok
11	PB170672BS	PB170672BS	PD091337.D	21 Nov 2025 13:00		AR\AJ	Ok,M
12	Q3699-01	TR-04-112025	PD091338.D	21 Nov 2025 13:13		AR\AJ	Ok,M
13	Q3699-03	TR-06-112025	PD091339.D	21 Nov 2025 13:27	TCMX high in both column	AR\AJ	ReRun
14	Q3699-03MS	TR-06-112025	PD091340.D	21 Nov 2025 13:40		AR\AJ	Ok,M
15	Q3699-03MSD	TR-06-112025	PD091341.D	21 Nov 2025 13:54		AR\AJ	Ok,M
16	Q3697-01	MOO-25-0331	PD091342.D	21 Nov 2025 14:08		AR\AJ	Ok
17	Q3697-02	MOO-25-0332	PD091343.D	21 Nov 2025 14:21		AR\AJ	Ok,M
18	Q3697-03	MOO-25-0333	PD091344.D	21 Nov 2025 14:35		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD112125

Review By	rahul	Review On	11/26/2025 4:53:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:54:22 AM
SubDirectory	PD112125	HP Acquire Method	HP Processing Method pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PD091345.D	21 Nov 2025 14:48		AR\AJ	Ok
20	PSTDCCC050	PSTDCCC050	PD091346.D	21 Nov 2025 15:02		AR\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:35
Out Date: 11/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137951

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3662-01	B3-0.5-1.0-20251117	1	1.15	10.55	11.7	10.77	91.2	
Q3662-02	B3-0.0-1.0-20251117	2	1.19	10.67	11.86	10.23	84.7	
Q3662-03	B1-0.5-1.0-20251117	3	1.16	10.37	11.53	10.76	92.6	
Q3662-04	B1-0.0-1.0-20251117	4	1.17	10.62	11.79	10.53	88.1	
Q3663-01	2053	5	1.00	1.00	2.00	2.00	100.0	oil sample
Q3663-02	2054	6	1.00	1.00	2.00	2.00	100.0	oil sample
Q3664-01	ARS20-0001	7	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3664-02	ARS20-0001-E2	8	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3664-03	ARS20-0013	9	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3664-04	ARS20-0013-E2	10	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3664-05	291399	11	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q3664-06	291399-E2	12	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q3665-01	BUR-25-0101	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3666-01	BUR-25-0103	14	1.18	10.38	11.56	10.66	91.3	
Q3667-01	RIGHT-SIDE-WALL	15	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3667-03	LEFT-SIDE-WALL	16	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3667-05	LEFT-SIDE-FLOOR	17	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3667-07	ELEVATED-DIVIDE	18	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3668-01	2015	19	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3669-01	EO-01-11182025	20	1.11	10.43	11.54	10.8	92.9	
Q3669-02	EO-01-11182025-E2	21	1.15	9.98	11.13	10.33	92.0	
Q3669-02D	EO-01-11182025-E2DUP	22	1.19	9.96	11.15	10.35	92.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137951

WorkList Name : %1-111825

WorkList ID : 193178

Department : Wet-Chemistry

Date : 11-18-2025 10:44:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3662-01	B3-0.5-1.0-20251117	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	11/17/2025	Chemtech -SO
Q3662-02	B3-0.0-1.0-20251117	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	11/17/2025	Chemtech -SO
Q3662-03	B3-0.5-1.0-20251117	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	11/17/2025	Chemtech -SO
Q3662-04	B3-0.0-1.0-20251117	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	11/17/2025	Chemtech -SO
Q3663-01	2053	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3663-02	2054	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-01	ARS20-0001	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-02	ARS20-0001-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-03	ARS20-0013	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-04	ARS20-0013-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-05	291399	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3664-06	291399-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3665-01	BUR-25-0101	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3666-01	BUR-25-0103	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/18/2025	Chemtech -SO
Q3667-01	RIGHT-SIDE-WALL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3667-03	LEFT-SIDE-WALL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3667-05	LEFT-SIDE-FLOOR	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3667-07	ELEVATED-DIVIDE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3668-01	2015	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/18/2025	Chemtech -SO
Q3669-01	EO-01-11182025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/18/2025	Chemtech -SO
Q3669-02	EO-01-11182025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/18/2025	Chemtech -SO

Date/Time 11/18/25 15:35
 Raw Sample Received by: *SL WOC*
 Raw Sample Relinquished by: *SL WOC*

Date/Time 11/18/25 17:40
 Raw Sample Received by: *SL WOC*
 Raw Sample Relinquished by: *SL WOC*

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: EH **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 11/19/2025

Extraction Start Time : 08:55

Extraction End Date : 11/19/2025

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/19/25	RS (Ext Lab)	R. Pesh/PCL
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/19/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170628BL	PBLK628	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U3-1
PB170628BS	PLCS628	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
Q3483-20	HW1025-PT-PEST-SOIL	PESTICIDE Group1	29.98	N/A	ritesh	Evelyn	10	A		3
Q3662-02	B3-0.0-1.0-20251117	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	A		4
Q3662-02MS	B3-0.0-1.0-20251117MS	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	A		5
Q3662-02MS D	B3-0.0-1.0-20251117MS D	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	A		6
Q3662-04	B3-0.0-1.0-20251117	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	A		U4-1
Q3664-01	ARS20-0001	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E	Concrete	2
Q3664-03	ARS20-0013	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E	Concrete	3
Q3664-05	291399	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E	Concrete	4
Q3669-01	EO-01-11182025	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	F		5

RS
11/19

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3664P WorkList ID : 193210 Department : Extraction Date : 11-19-2025 08:36:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-20	HW1025-PT-PEST-SOIL	Solid	PESTICIDE Group1	Cool 4 deg C	ALLI03	QA Of	10/27/2025	8081B
Q3662-02	B3-0-0-1.0-20251117	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/17/2025	8081B
Q3662-04	B3-0-0-1.0-20251117	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/17/2025	8081B
Q3664-01	ARS20-0001	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3664-03	ARS20-0013	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3664-05	291399	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	11/18/2025	8081B
Q3669-01	EO-01-11182025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/18/2025	8081B

Date/Time 11/19/25 8:50
 Raw Sample Received by: RJ(Ext 66)
 Raw Sample Relinquished by: Al Sn

Date/Time 11/19/25 9:20
 Raw Sample Received by: Al Sn
 Raw Sample Relinquished by: RJ(Ext 66)



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: HDR REPORT TO BE SENT TO:
ADDRESS: 50 Tree Blvd., Suite 210
CITY: Woodcliff Lake STATE: NJ ZIP: 07677
ATTENTION: Andrew Wadden
PHONE: 201-312-0752 FAX: _____

CLIENT PROJECT INFORMATION

PROJECT NAME: PVWC
PROJECT NO.: 10367568 LOCATION: Passaic, NJ
PROJECT MANAGER: Andrew Wadden
e-mail: Andrew.Wadden@HDRinc.com
PHONE: 201-312-0752 FAX: _____

CLIENT BILLING INFORMATION

BILL TO: HDR PO#: _____
ADDRESS: 50 Tree Blvd., Suite 210
CITY: Woodcliff Lake STATE: NJ ZIP: 07677
ATTENTION: Andrew Wadden PHONE: 201-312-0752

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD TAT 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) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. TEL VOCs
2. TEL SVOCs
3. Pesticides, Cyanide
4. PCBs, PAHs, Metals
5. TELD for Metals
6. Heavy Metals, EDD
7. Ignitability, EDD
8. 2,3,7,8-Tetrachloro
dibenzo-p-dioxin
9. Soluble chromophore
Paint Filter

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	B3-0.5-1.0-20251117	S		✓	11/17/25	0925	4	✓									
2.	B3-0.0-1.0-20251117	S		✓	11/17/25	0930	3		✓	✓	✓						
3.	B1-0.5-1.0-20251117	S		✓	11/17/25	1055	4	✓									
4.	B1-0.0-1.0-20251117	S		✓	11/17/25	1105	6		✓	✓	✓	✓	✓	✓	✓	✓	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>11/17/25 1315</u>	RECEIVED BY: 1. <u>[Signature]</u>	11/18/25 0957	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.9°C</u>
RELINQUISHED BY SAMPLER: 2. _____	DATE/TIME:	RECEIVED BY: 2. _____		Comments: _____
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>11/18/25</u>	RECEIVED BY: 3. _____		Page <u>1</u> of <u>1</u> CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3662	HDR108	Order Date : 11/18/2025 11:14:00 AM	Project Mgr :
Client Name : HDR, Inc.		Project Name : PVWC Linear Construction	Report Type : NJ Reduced
Client Contact : Andrew Wadden		Receive DateTime : 11/18/2025 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : HDR, Inc.		Purchase Order : 11:10	Hard Copy Date :
Invoice Contact : Andrew Wadden			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3662-01	B3-0.5-1.0-20251117	Solid	11/17/2025	09:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3662-03	^{B1} B3 -0.5-1.0-20251117	Solid	11/17/2025	10:55					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time :


11/18/25 1245

Received By :

Date / Time :


11/18/25

Storage Area : VOA Refridgerator Room

12:45 