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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

LAB CHRONICLE

OrderID:	Q3266	**OrderDate:**	10/1/2025 3:15:00 PM
Client:	CDM Smith	**Project:**	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	**ENV-3-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	**ENV-4-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3266 **Order ID:** Q3266

Client: CDM Smith **Project ID:** MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-4-6FT								
Q3266-02	ENV-4-6FT	SOIL	4,4-DDE	0.85	J	0.16	2.00	ug/kg
Q3266-02	ENV-4-6FT	SOIL	Endrin	0.50	J	0.16	2.00	ug/kg
Q3266-02	ENV-4-6FT	SOIL	4,4-DDT	1.20	JP	0.16	2.00	ug/kg
			Total Concentration:	**2.550**				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097493.D	PIBLK-PL097493.D	Decachlorobiphen	1	20	25.7	128		57	171
		Tetrachloro-m-xyl	1	20	21.2	106		61	148
		Decachlorobiphen	2	20	21.5	107		57	171
		Tetrachloro-m-xyl	2	20	22.4	112		61	148
PB169952BL	PB169952BL	Decachlorobiphen	1	20	25.5	128		20	144
		Tetrachloro-m-xyl	1	20	21.7	109		19	148
		Decachlorobiphen	2	20	21.6	108		20	144
		Tetrachloro-m-xyl	2	20	19.8	99		19	148
PB169952BS	PB169952BS	Decachlorobiphen	1	20	23.9	119		20	144
		Tetrachloro-m-xyl	1	20	20.3	102		19	148
		Decachlorobiphen	2	20	21.0	105		20	144
		Tetrachloro-m-xyl	2	20	19.1	96		19	148
Q3266-01	ENV-3-6FT	Decachlorobiphen	1	20	16.0	80		20	144
		Tetrachloro-m-xyl	1	20	11.7	58		19	148
		Decachlorobiphen	2	20	8.08	40		20	144
		Tetrachloro-m-xyl	2	20	11.1	55		19	148
Q3266-02	ENV-4-6FT	Decachlorobiphen	1	20	11.7	58		20	144
		Tetrachloro-m-xyl	1	20	12.3	61		19	148
		Decachlorobiphen	2	20	9.81	49		20	144
		Tetrachloro-m-xyl	2	20	11.7	58		19	148
Q3266-01MS	ENV-3-6FTMS	Decachlorobiphen	1	20	9.59	48		20	144
		Tetrachloro-m-xyl	1	20	11.9	59		19	148
		Decachlorobiphen	2	20	8.93	45		20	144
		Tetrachloro-m-xyl	2	20	12.0	60		19	148
Q3266-01MSD	ENV-3-6FTMSD	Decachlorobiphen	1	20	10.5	52		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	9.08	45		20	144
		Tetrachloro-m-xyl	2	20	11.6	58		19	148
I.BLK-PL097505.D	PIBLK-PL097505.D	Decachlorobiphen	1	20	24.9	124		57	171
		Tetrachloro-m-xyl	1	20	21.2	106		61	148
		Decachlorobiphen	2	20	21.5	107		57	171
		Tetrachloro-m-xyl	2	20	20.1	101		61	148

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097503.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3266-01MS (Column 1)**	**Client Sample ID:**		**ENV-3-6FTMS**								
	alpha-BHC	20.71	0	13.9	ug/kg	67				60	144	
	beta-BHC	20.71	0	14.0	ug/kg	68				54	143	
	delta-BHC	20.71	0	14.3	ug/kg	69				29	151	
	gamma-BHC (Lindane)	20.71	0	13.8	ug/kg	67				61	140	
	Heptachlor	20.71	0	13.1	ug/kg	63				63	135	
	Aldrin	20.71	0	13.6	ug/kg	66				49	139	
	Heptachlor epoxide	20.71	0	14.1	ug/kg	68				41	156	
	Endosulfan I	20.71	0	14.2	ug/kg	69				56	142	
	Dieldrin	20.71	0	14.2	ug/kg	69				47	161	
	4,4'-DDE	20.71	0.85	14.8	ug/kg	67				55	136	
	Endrin	20.71	0.34	14.1	ug/kg	66				57	139	
	Endosulfan II	20.71	0	13.9	ug/kg	67				40	163	
	4,4'-DDD	20.71	0	16.3	ug/kg	79				47	163	
	Endosulfan sulfate	20.71	0	15.3	ug/kg	74				62	139	
	4,4'-DDT	20.71	0.75	12.8	ug/kg	56				51	146	
	Methoxychlor	20.71	0	12.8	ug/kg	62				54	136	
	Endrin ketone	20.71	0	15.5	ug/kg	75				60	129	
	Endrin aldehyde	20.71	0	16.1	ug/kg	78				59	132	
	alpha-Chlordane	20.71	0	13.9	ug/kg	67				39	166	
	gamma-Chlordane	20.71	0	14.4	ug/kg	70				44	175	
Lab Sample ID:	**Q3266-01MS (Column 2)**	**Client Sample ID:**		**ENV-3-6FTMS**								
	alpha-BHC	20.71	0	13.2	ug/kg	64				60	144	
	beta-BHC	20.71	0	12.5	ug/kg	60				54	143	
	delta-BHC	20.71	0	12.9	ug/kg	62				29	151	
	gamma-BHC (Lindane)	20.71	0	13.0	ug/kg	63				61	140	
	Heptachlor	20.71	0	12.4	ug/kg	60				63	135	
	Aldrin	20.71	0	13.1	ug/kg	63				49	139	
	Heptachlor epoxide	20.71	0	13.2	ug/kg	64				41	156	
	Endosulfan I	20.71	0	12.8	ug/kg	62				56	142	
	Dieldrin	20.71	0	13.1	ug/kg	63				47	161	
	4,4'-DDE	20.71	0.61	13.1	ug/kg	63				55	136	
	Endrin	20.71	0.50	12.3	ug/kg	59				57	139	
	Endosulfan II	20.71	0	13.4	ug/kg	65				40	163	
	4,4'-DDD	20.71	0	13.5	ug/kg	65				47	163	
	Endosulfan sulfate	20.71	0	13.2	ug/kg	64				62	139	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097503.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	20.71	1.2	11.2	ug/kg	54				51	146	
Methoxychlor	20.71	0	11.0	ug/kg	53				54	136	
Endrin ketone	20.71	0	13.1	ug/kg	63				60	129	
Endrin aldehyde	20.71	0	12.7	ug/kg	61				59	132	
alpha-Chlordane	20.71	0	13.0	ug/kg	63				39	166	
gamma-Chlordane	20.71	0	13.0	ug/kg	63				44	175	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097504.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3266-01MSD (Column 1)**	**Client Sample ID:**		**ENV-3-6FTMSD**								
	alpha-BHC	20.72	0	14.0	ug/kg	68		1		60	144	20
	beta-BHC	20.72	0	14.1	ug/kg	68		0		54	143	20
	delta-BHC	20.72	0	14.1	ug/kg	68		1		29	151	20
	gamma-BHC (Lindane)	20.72	0	13.9	ug/kg	67		0		61	140	20
	Heptachlor	20.72	0	13.0	ug/kg	63		0		63	135	20
	Aldrin	20.72	0	13.7	ug/kg	66		0		49	139	20
	Heptachlor epoxide	20.72	0	14.3	ug/kg	69		1		41	156	20
	Endosulfan I	20.72	0	14.4	ug/kg	69		0		56	142	20
	Dieldrin	20.72	0	14.4	ug/kg	69		0		47	161	20
	4,4'-DDE	20.72	0.85	15.0	ug/kg	68		1		55	136	20
	Endrin	20.72	0.34	14.0	ug/kg	65		2		57	139	20
	Endosulfan II	20.72	0	13.9	ug/kg	67		0		40	163	20
	4,4'-DDD	20.72	0	16.6	ug/kg	80		1		47	163	20
	Endosulfan sulfate	20.72	0	15.4	ug/kg	74		0		62	139	20
	4,4'-DDT	20.72	0.75	13.0	ug/kg	57		2		51	146	20
	Methoxychlor	20.72	0	13.3	ug/kg	64		3		54	136	20
	Endrin ketone	20.72	0	15.9	ug/kg	77		3		60	129	20
	Endrin aldehyde	20.72	0	16.3	ug/kg	79		1		59	132	20
	alpha-Chlordane	20.72	0	14.2	ug/kg	69		3		39	166	20
	gamma-Chlordane	20.72	0	14.6	ug/kg	70		0		44	175	20
Lab Sample ID:	**Q3266-01MSD (Column 2)**	**Client Sample ID:**		**ENV-3-6FTMSD**								
	alpha-BHC	20.72	0	13.4	ug/kg	65		2		60	144	20
	beta-BHC	20.72	0	12.7	ug/kg	61		2		54	143	20
	delta-BHC	20.72	0	13.1	ug/kg	63		2		29	151	20
	gamma-BHC (Lindane)	20.72	0	13.3	ug/kg	64		2		61	140	20
	Heptachlor	20.72	0	12.6	ug/kg	61		2		63	135	20
	Aldrin	20.72	0	13.3	ug/kg	64		2		49	139	20
	Heptachlor epoxide	20.72	0	13.5	ug/kg	65		2		41	156	20
	Endosulfan I	20.72	0	13.1	ug/kg	63		2		56	142	20
	Dieldrin	20.72	0	13.4	ug/kg	65		3		47	161	20
	4,4'-DDE	20.72	0.61	13.4	ug/kg	65		3		55	136	20
	Endrin	20.72	0.50	12.6	ug/kg	61		3		57	139	20
	Endosulfan II	20.72	0	13.6	ug/kg	66		2		40	163	20
	4,4'-DDD	20.72	0	13.9	ug/kg	67		3		47	163	20
	Endosulfan sulfate	20.72	0	13.5	ug/kg	65		2		62	139	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097504.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	20.72	1.2	11.4	ug/kg	55		2		51	146	20
Methoxychlor	20.72	0	11.6	ug/kg	56		6		54	136	20
Endrin ketone	20.72	0	13.5	ug/kg	65		3		60	129	20
Endrin aldehyde	20.72	0	13.1	ug/kg	63		3		59	132	20
alpha-Chlordane	20.72	0	13.4	ug/kg	65		3		39	166	20
gamma-Chlordane	20.72	0	13.3	ug/kg	64		2		44	175	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8081B

Client: CDM Smith **Datafile :** PL097497.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169952BS (Column 1)	alpha-BHC	16.66	16.5	ug/kg	99				84	123	
	beta-BHC	16.66	16.2	ug/kg	97				82	123	
	delta-BHC	16.66	16.9	ug/kg	101				83	126	
	gamma-BHC (Lindane)	16.66	16.2	ug/kg	97				83	125	
	Heptachlor	16.66	15.6	ug/kg	94				83	122	
	Aldrin	16.66	17.5	ug/kg	105				82	124	
	Heptachlor epoxide	16.66	16.7	ug/kg	100				83	120	
	Endosulfan I	16.66	17.3	ug/kg	104				81	124	
	Dieldrin	16.66	17.0	ug/kg	102				85	121	
	4,4'-DDE	16.66	17.4	ug/kg	104				81	123	
	Endrin	16.66	16.8	ug/kg	101				76	130	
	Endosulfan II	16.66	16.2	ug/kg	97				80	125	
	4,4'-DDD	16.66	20.1	ug/kg	121				80	131	
	Endosulfan sulfate	16.66	18.1	ug/kg	109				81	122	
	4,4'-DDT	16.66	15.8	ug/kg	95				70	129	
	Methoxychlor	16.66	15.5	ug/kg	93				60	119	
	Endrin ketone	16.66	19.0	ug/kg	114				77	132	
	Endrin aldehyde	16.66	19.4	ug/kg	116				79	124	
	alpha-Chlordane	16.66	17.0	ug/kg	102				84	120	
	gamma-Chlordane	16.66	16.9	ug/kg	101				83	122	
PB169952BS (Column 2)	alpha-BHC	16.66	15.4	ug/kg	92				84	123	
	beta-BHC	16.66	14.3	ug/kg	86				82	123	
	delta-BHC	16.66	15.1	ug/kg	91				83	126	
	gamma-BHC (Lindane)	16.66	15.2	ug/kg	91				83	125	
	Heptachlor	16.66	14.6	ug/kg	88				83	122	
	Aldrin	16.66	15.3	ug/kg	92				82	124	
	Heptachlor epoxide	16.66	15.3	ug/kg	92				83	120	
	Endosulfan I	16.66	14.5	ug/kg	87				81	124	
	Dieldrin	16.66	15.7	ug/kg	94				85	121	
	4,4'-DDE	16.66	15.3	ug/kg	92				81	123	
	Endrin	16.66	16.2	ug/kg	97				76	130	
	Endosulfan II	16.66	15.3	ug/kg	92				80	125	
	4,4'-DDD	16.66	16.0	ug/kg	96				80	131	
	Endosulfan sulfate	16.66	15.6	ug/kg	94				81	122	
	4,4'-DDT	16.66	13.0	ug/kg	78				70	129	
	Methoxychlor	16.66	13.1	ug/kg	79				60	119	
	Endrin ketone	16.66	17.3	ug/kg	104				77	132	
	Endrin aldehyde	16.66	15.5	ug/kg	93				79	124	
	alpha-Chlordane	16.66	15.0	ug/kg	90				84	120	
	gamma-Chlordane	16.66	14.7	ug/kg	88				83	122	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169952BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab Sample ID: PB169952BL | Lab File ID: PL097496.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/02/2025

Date Analyzed (1): 10/02/2025 | Date Analyzed (2): 10/02/2025

Time Analyzed (1): 13:16 | Time Analyzed (2): 13:16

Instrument ID (1): ECD_L | Instrument ID (2): ECD_L

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
PB169952BS	PB169952BS	PL097497.D	10/02/2025	10/02/2025
ENV-3-6FT	Q3266-01	PL097501.D	10/02/2025	10/02/2025
ENV-4-6FT	Q3266-02	PL097502.D	10/02/2025	10/02/2025
ENV-3-6FTMS	Q3266-01MS	PL097503.D	10/02/2025	10/02/2025
ENV-3-6FTMSD	Q3266-01MSD	PL097504.D	10/02/2025	10/02/2025

COMMENTS:

SAMPLE DATA

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097501.D	1	10/02/25 09:36	10/02/25 15:09	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	2.10	ug/kg
319-85-7	beta-BHC	0.22	U	0.22	2.10	ug/kg
319-86-8	delta-BHC	0.49	U	0.49	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.10	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.10	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.10	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
72-43-5	Methoxychlor	0.46	U	0.46	2.10	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.46	U	0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.0		20 - 144	80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.7		19 - 148	58%	SPK: 20

Raw Data: **PL097501.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097501.D	1	10/02/25 09:36	10/02/25 15:09	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097501.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:09
Operator : AR\AJ
Sample : Q3266-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FT

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.823	52875054	72910491	11.680m	11.088
28)	SA Decachlor...	8.991	7.979	52452923	45975068	16.030m	8.078 #
	Target Compounds						

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

Sample Results: **PL097501.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:09
Operator : AR\AJ
Sample : Q3266-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

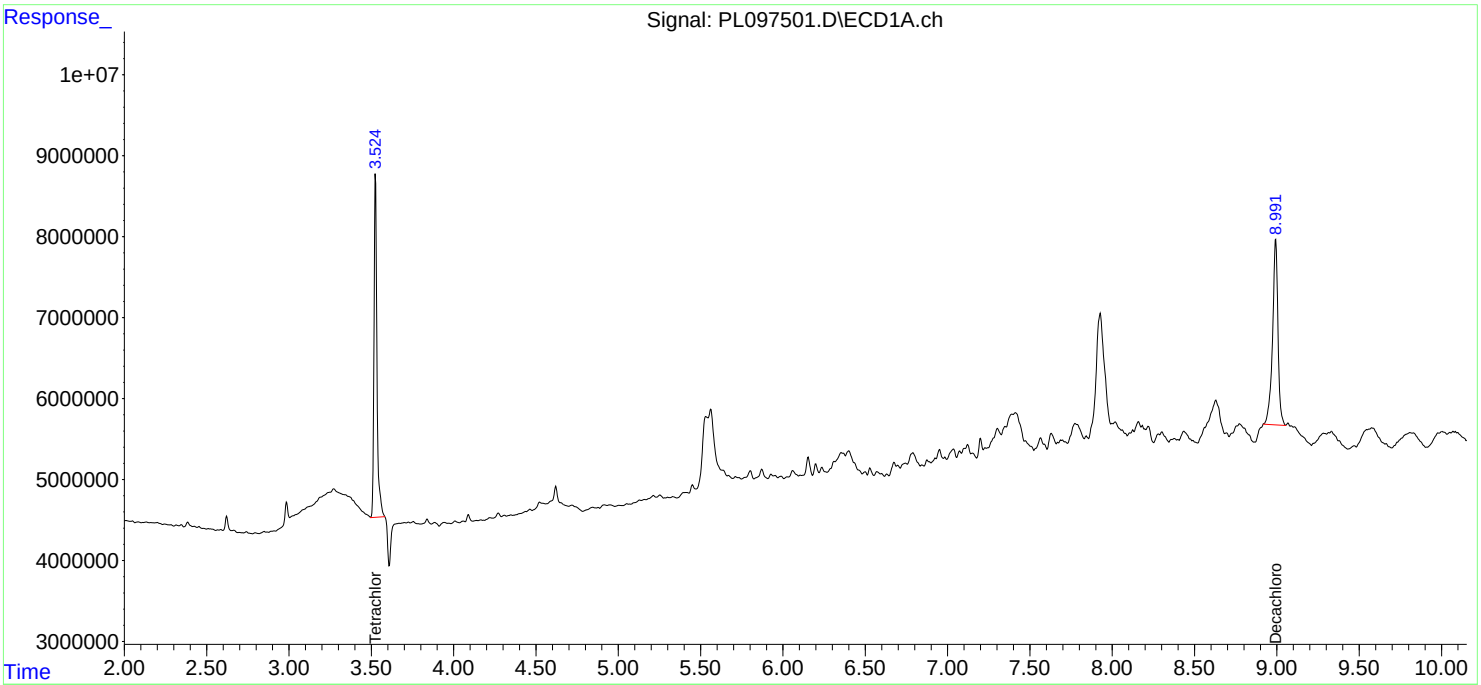
Instrument :
ECD_L
ClientSampleId :
ENV-3-6FT

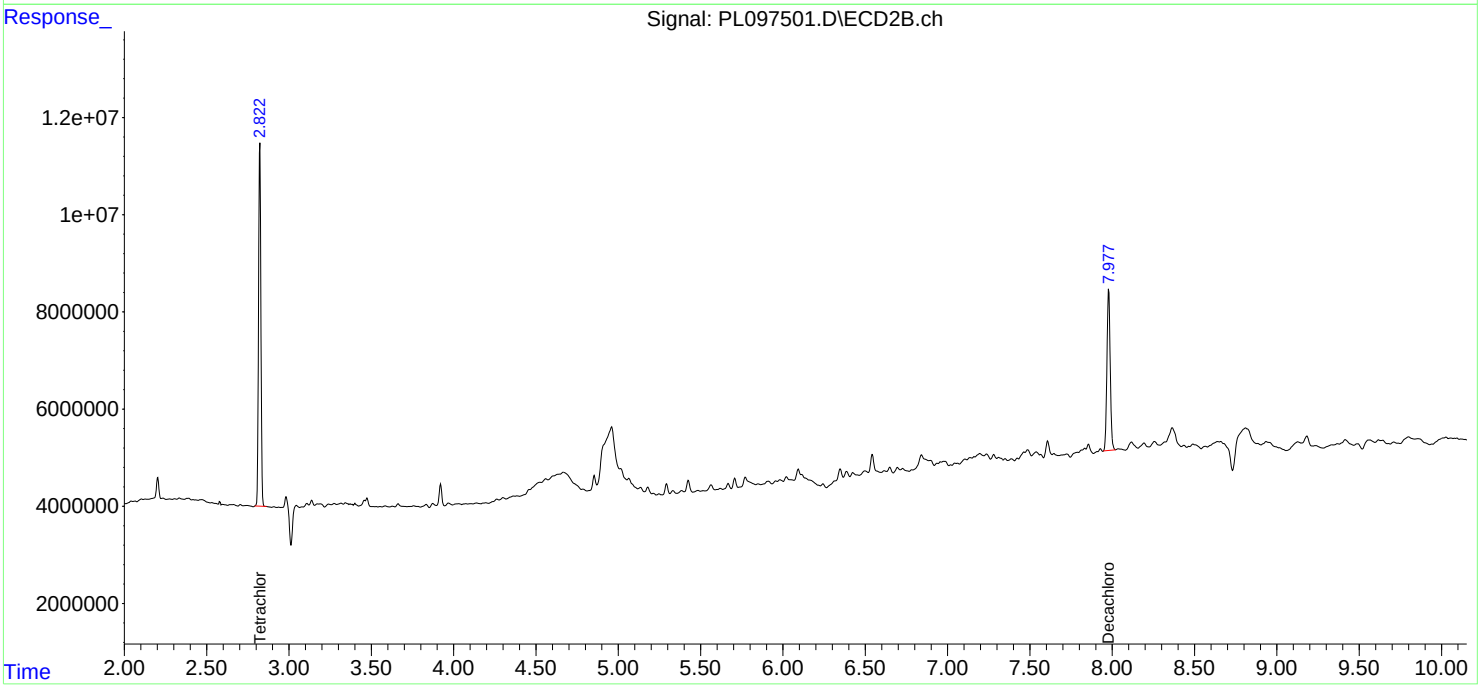
Manual Integrations APPROVED

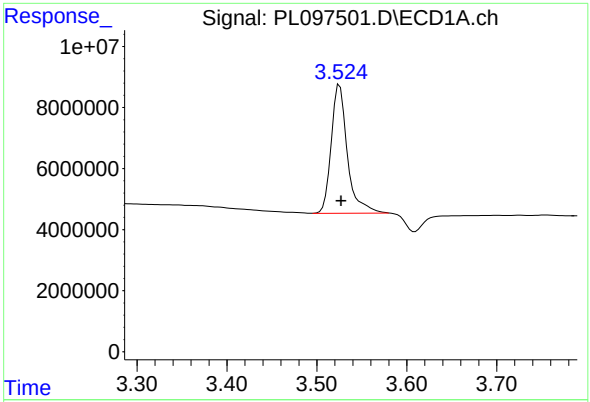
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







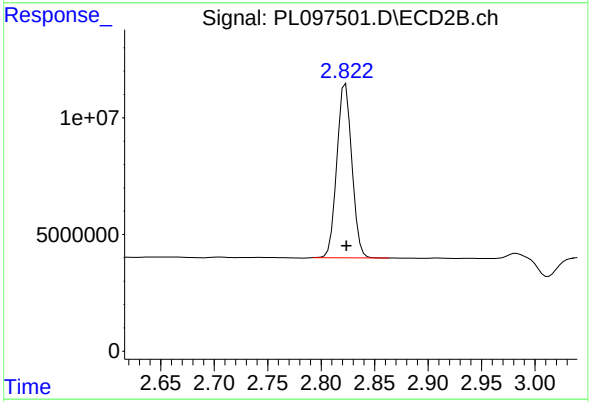
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 52875054
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FT

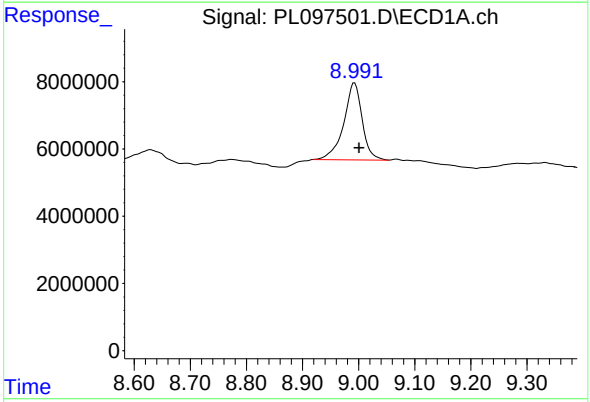
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



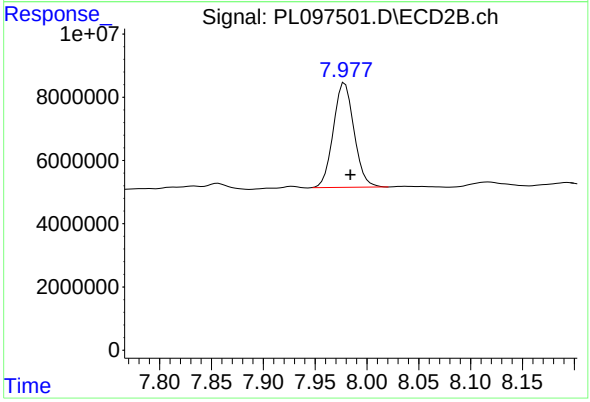
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 72910491
Conc: 11.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: -0.010 min
Response: 52452923
Conc: 16.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 45975068
Conc: 8.08 ng/ml

Raw Data: **PL097502.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097502.D	1	10/02/25 09:36	10/02/25 15:23	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.45	U	0.45	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.85	J	0.16	2.00	ug/kg
72-20-8	Endrin	0.50	J	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	2.00	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	1.20	JP	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	2.00	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	37.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.7		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.3		19 - 148	61%	SPK: 20

Raw Data: **PL097502.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097502.D	1	10/02/25 09:36	10/02/25 15:23	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097502.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:23
Operator : AR\AJ
Sample : Q3266-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-4-6FT

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.823	55550551	76701057	12.270m	11.665
28)	SA Decachlor...	8.993	7.979	38236639	55810878	11.685m	9.806
	Target Compounds						
12)	B 4,4'-DDE	6.152	5.292	10573543	12241950	2.219	1.593m#
14)	MA Endrin	6.528	5.706	4094779	9865188	0.888m	1.314m#
17)	MA 4,4'-DDT	6.975	6.095	8298131	22545733	1.963	3.258 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:23
Operator : AR\AJ
Sample : Q3266-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

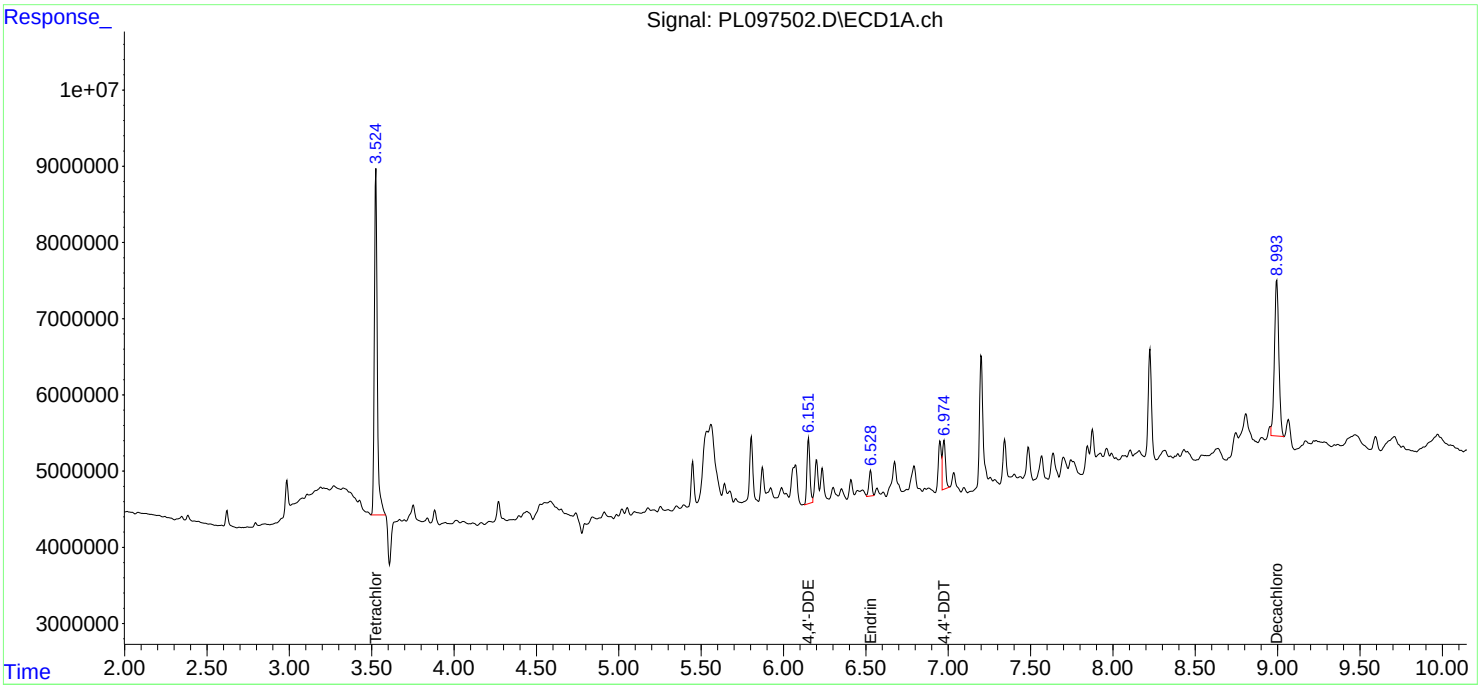
Instrument :
ECD_L
ClientSampleId :
ENV-4-6FT

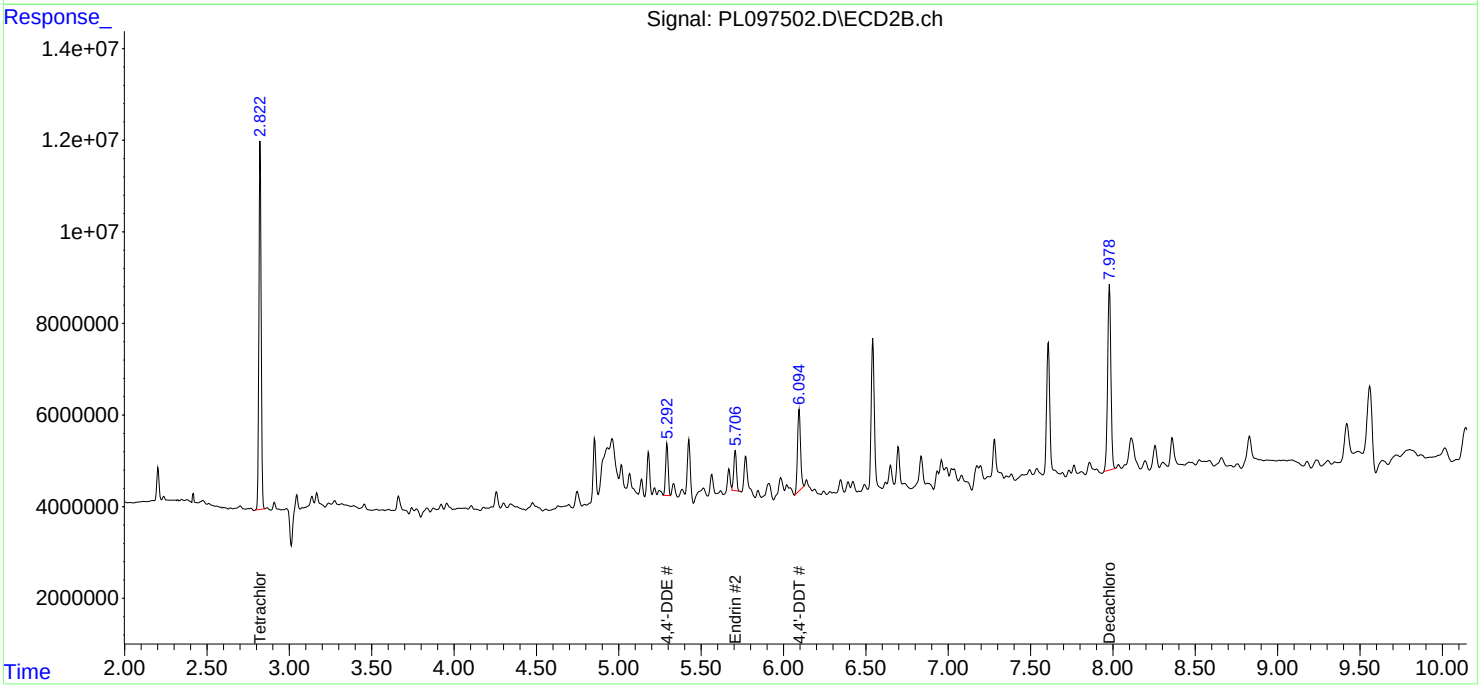
Manual Integrations APPROVED

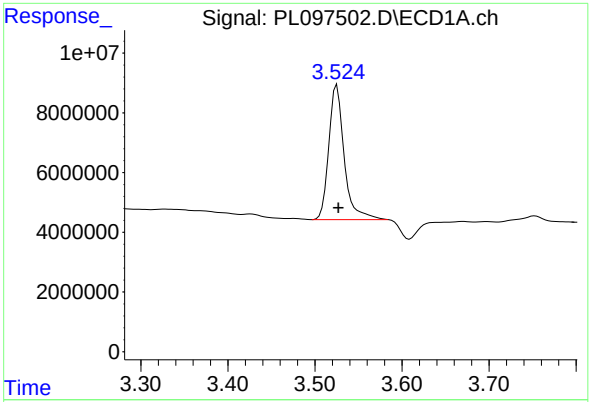
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







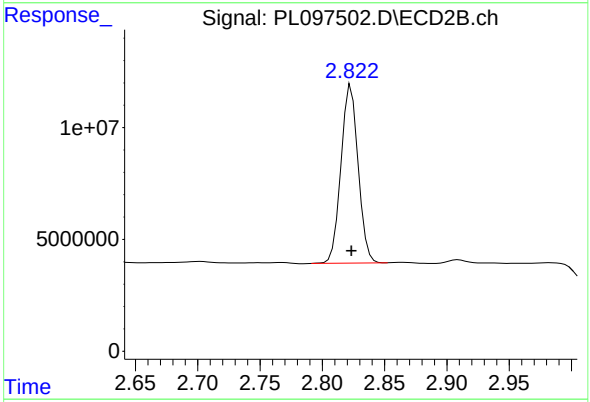
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 55550551
Conc: 12.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-4-6FT

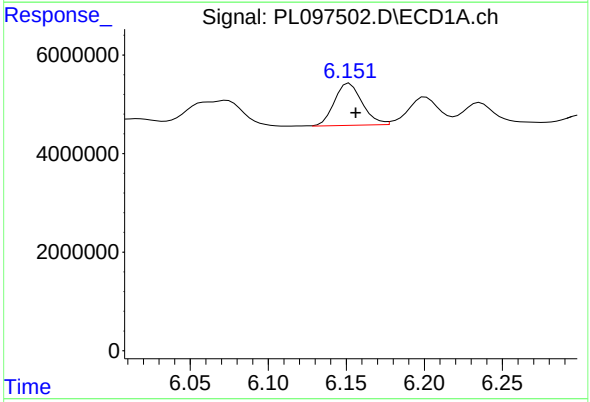
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



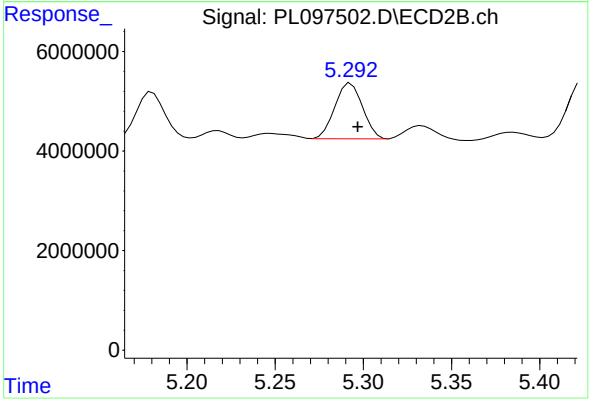
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 76701057
Conc: 11.66 ng/ml



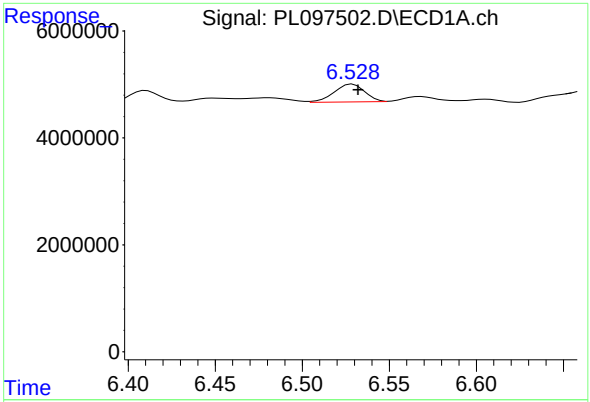
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 10573543
Conc: 2.22 ng/ml



#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 12241950
Conc: 1.59 ng/ml m



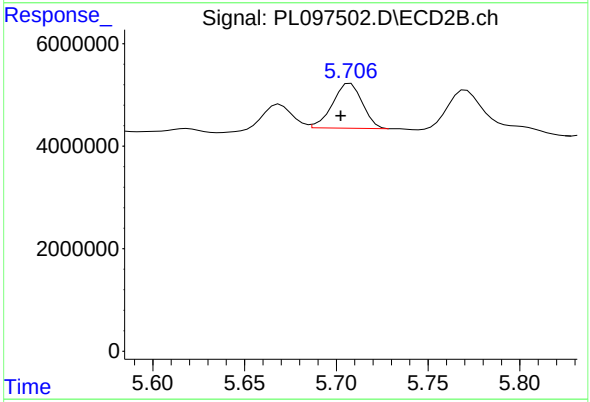
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.005 min
Response: 4094779
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-4-6FT

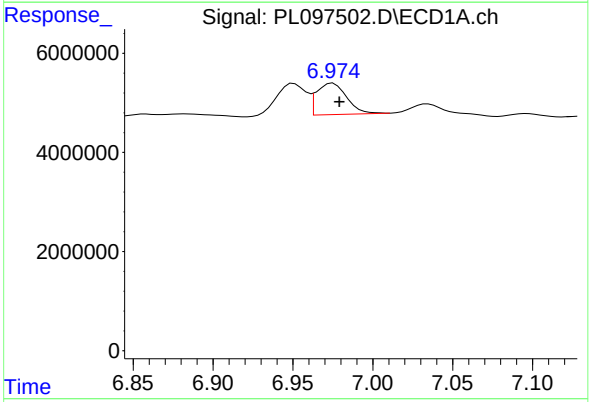
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



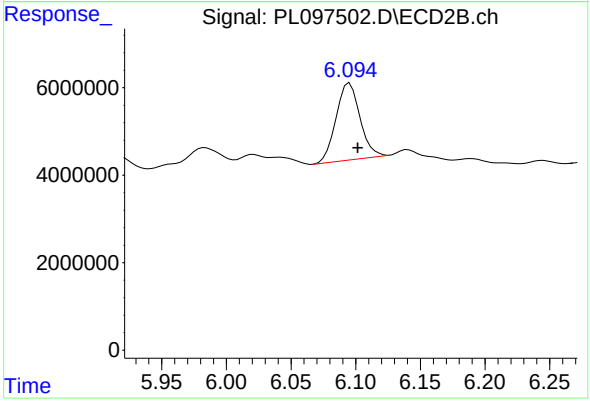
#14 Endrin

R.T.: 5.706 min
Delta R.T.: 0.004 min
Response: 9865188
Conc: 1.31 ng/ml m



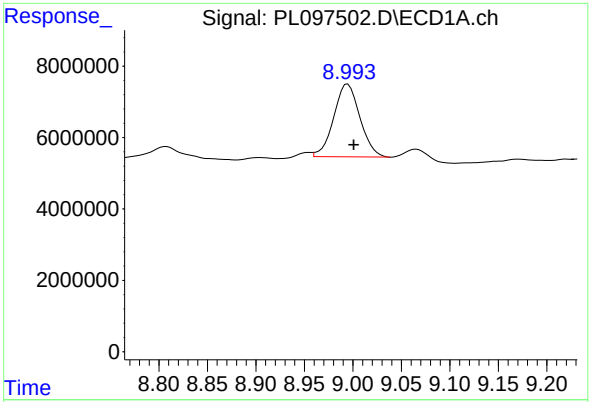
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 8298131
Conc: 1.96 ng/ml



#17 4,4'-DDT

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 22545733
Conc: 3.26 ng/ml



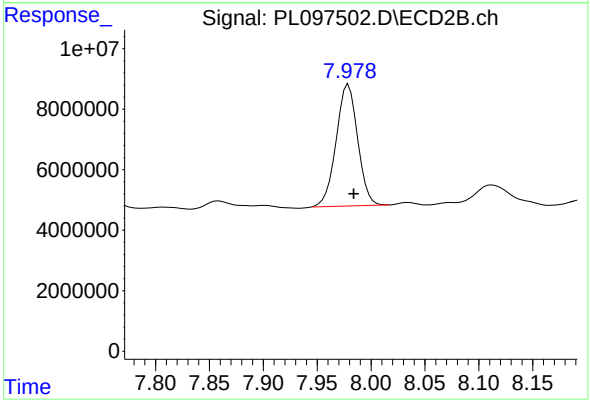
#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: -0.007 min
Response: 38236639
Conc: 11.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-4-6FT

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 55810878
Conc: 9.81 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Instrument ID: ECD_L **Calibration Date(s):** 09/18/2025 09/18/2025

Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D

RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
4,4'-DDE	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.98	3.98	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
delta-BHC	4.74	4.74	4.74	4.74	4.73	4.73	4.63	4.83
Dieldrin	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.75	6.75	6.75	6.75	6.74	6.75	6.65	6.85
Endosulfan sulfate	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.88	6.87	6.88	6.87	6.87	6.77	6.97
Endrin ketone	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.53	3.53	3.53	3.53	3.53	3.53	3.43	3.63

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Instrument ID: ECD_L **Calibration Date(s):** 09/18/2025 09/18/2025

Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D

RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.96	3.86	4.06
Decachlorobiphenyl	7.98	7.99	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	6.00	6.00	6.00	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.05	5.05	5.05	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.68	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q3266
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: **CF 100 =** PL097271.D **CF 075 =** PL097272.D
CF 050 = PL097273.D **CF 025 =** PL097274.D **CF 005 =** PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
alpha-BHC	7433460000	7150430000	7020140000	6635730000	6697400000	6987430000	5
alpha-Chlordane	5728330000	5597580000	5593620000	5491270000	5988720000	5679910000	3
beta-BHC	2691590000	2641310000	2679400000	2673590000	2945030000	2726180000	5
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
delta-BHC	6408970000	6173000000	6129940000	5874830000	5754960000	6068340000	4
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Endosulfan I	5248570000	5119040000	5121050000	5001710000	5416320000	5181340000	3
Endosulfan II	4694590000	4637630000	4774680000	4729590000	5755250000	4918350000	10
Endosulfan sulfate	4084400000	3990510000	4020090000	3958010000	4360620000	4082720000	4
Endrin	4777540000	4640970000	4618310000	4356250000	4672620000	4613140000	3
Endrin aldehyde	3035530000	2997840000	3059200000	3036470000	3285020000	3082810000	4
Endrin ketone	4296460000	4191230000	4224850000	4117820000	4391400000	4244350000	2
gamma-BHC (Lindane)	6940420000	6699850000	6593990000	6320490000	6510990000	6613150000	3
gamma-Chlordane	5793040000	5651990000	5610580000	5462080000	5749930000	5653520000	2
Heptachlor	6809100000	6621120000	6608040000	6426970000	6885270000	6670100000	3
Heptachlor epoxide	5764160000	5655320000	5756800000	5829540000	5728960000	5746960000	1
Methoxychlor	2052960000	2027370000	2062620000	2055200000	2228740000	2085380000	4
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	3

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q3266
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: **CF 100 =** PL097271.D **CF 075 =** PL097272.D
CF 050 = PL097273.D **CF 025 =** PL097274.D **CF 005 =** PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
alpha-BHC	10445300000	10099800000	10014300000	9556100000	9672320000	9957580000	4
alpha-Chlordane	8274780000	8189370000	8245060000	8242520000	8550750000	8300500000	2
beta-BHC	3970220000	3899800000	3948240000	3983880000	4508040000	4062030000	6
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
delta-BHC	9586460000	9293680000	9232620000	8834360000	9014090000	9192240000	3
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Endosulfan I	7387320000	7345100000	7430480000	7454690000	8800570000	7683630000	8
Endosulfan II	6977690000	6911390000	6956920000	6938260000	7761900000	7109230000	5
Endosulfan sulfate	6664750000	6623680000	6716400000	6733120000	7510980000	6849790000	5
Endrin	7450260000	7335750000	7338920000	7289700000	8137930000	7510510000	5
Endrin aldehyde	4761890000	4756960000	4914450000	5156210000	7097510000	5337410000	19
Endrin ketone	7223190000	7153630000	7391340000	7391360000	8491940000	7530290000	7
gamma-BHC (Lindane)	9632950000	9373760000	9300450000	8991300000	9274840000	9314660000	2
gamma-Chlordane	8553830000	8490290000	8565810000	8624220000	9435120000	8733850000	5
Heptachlor	9299100000	9162550000	9216060000	9078210000	9769790000	9305140000	3
Heptachlor epoxide	7825700000	7749420000	7831840000	7763530000	8487220000	7931540000	4
Methoxychlor	3580590000	3582010000	3698660000	3768400000	4217720000	3769480000	7
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.20	6.10	6.30	42075500
		2	6.60	6.50	6.70	33847100
		3	7.01	6.91	7.11	141900000
		4	7.11	7.01	7.21	105792000
		5	7.88	7.78	7.98	74166200

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.07	4.97	5.17	42482700
		2	5.75	5.65	5.85	54918500
		3	6.03	5.93	6.13	57955900
		4	6.67	6.57	6.77	177984000
		5	7.11	7.01	7.21	109140000

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:06
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.823	455.4E6	654.7E6	101.994	101.503
28)	SA Decachlor...	9.001	7.984	315.2E6	536.1E6	98.872	98.183
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	743.3E6	1044.5E6	105.888	104.303
3)	MA gamma-BHC...	4.302	3.660	694.0E6	963.3E6	105.254	103.575
4)	MA Heptachlor	4.893	4.008	680.9E6	929.9E6	103.043	100.901
5)	MB Aldrin	5.232	4.290	655.2E6	886.1E6	104.089	102.301
6)	B beta-BHC	4.489	3.956	269.2E6	397.0E6	100.455	100.557
7)	B delta-BHC	4.735	4.189	640.9E6	958.6E6	104.552	103.832
8)	B Heptachlo...	5.652	4.793	576.4E6	782.6E6	100.128	99.922
9)	A Endosulfan I	6.033	5.163	524.9E6	738.7E6	102.490	99.419
10)	B gamma-Chl...	5.905	5.044	579.3E6	855.4E6	103.252	99.860
11)	B alpha-Chl...	5.986	5.108	572.8E6	827.5E6	102.408	100.361
12)	B 4,4'-DDE	6.156	5.297	496.4E6	791.1E6	104.790	102.753
13)	MA Dieldrin	6.306	5.428	566.8E6	825.1E6	103.988	101.465
14)	MA Endrin	6.532	5.702	477.8E6	745.0E6	103.448	101.517
15)	B Endosulfa...	6.745	5.994	469.5E6	697.8E6	98.323	100.299
16)	A 4,4'-DDD	6.665	5.850	389.1E6	658.9E6	103.408	103.640
17)	MA 4,4'-DDT	6.979	6.102	440.3E6	719.0E6	103.710	103.115
18)	B Endrin al...	6.874	6.172	303.6E6	476.2E6	99.226	96.896
19)	B Endosulfa...	7.108	6.396	408.4E6	666.5E6	101.600	99.231
20)	A Methoxychlor	7.452	6.674	205.3E6	358.1E6	99.532	96.808
21)	B Endrin ke...	7.587	6.900	429.6E6	722.3E6	101.695	97.725
22)	Mirex	8.065	7.089	330.8E6	552.6E6	97.189	96.302

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

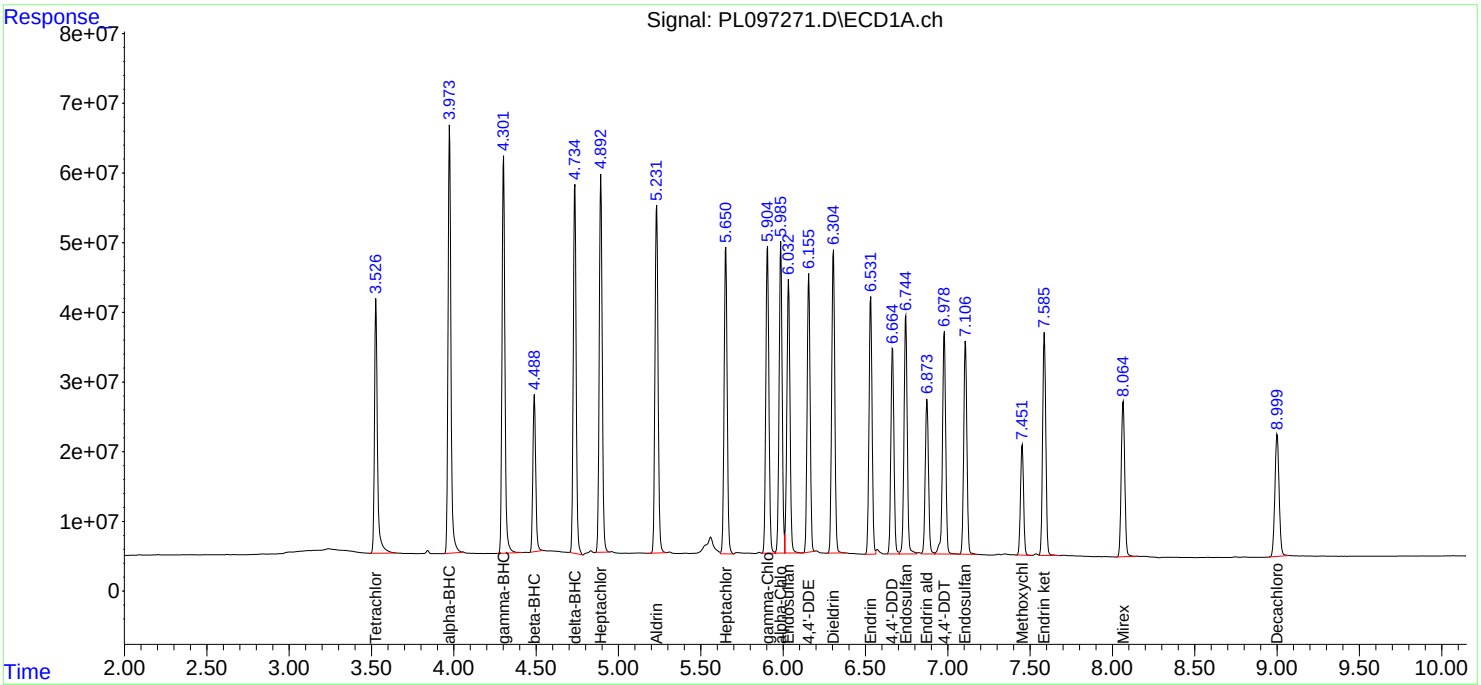
ICAL Form

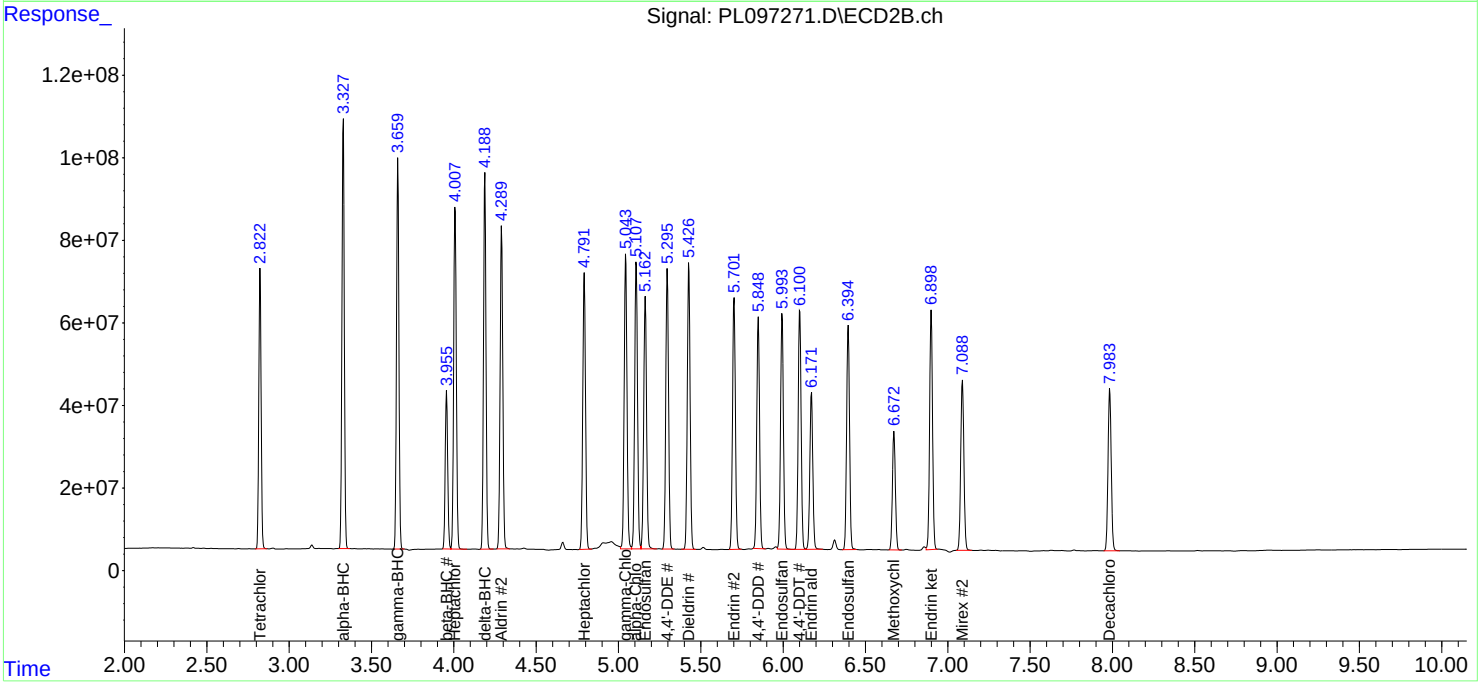
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:06
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:19
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.528	2.824	334.5E6	484.3E6	74.906	75.085
28)	SA Decachlor...	9.002	7.985	234.1E6	398.1E6	73.453	72.915
	Target Compounds						
2)	A alpha-BHC	3.975	3.329	536.3E6	757.5E6	76.392	75.640
3)	MA gamma-BHC...	4.302	3.661	502.5E6	703.0E6	76.204	75.591
4)	MA Heptachlor	4.893	4.009	496.6E6	687.2E6	75.148	74.565
5)	MB Aldrin	5.232	4.291	477.7E6	650.5E6	75.880	75.100
6)	B beta-BHC	4.490	3.957	198.1E6	292.5E6	73.934	74.080
7)	B delta-BHC	4.735	4.190	463.0E6	697.0E6	75.527	75.496
8)	B Heptachlo...	5.652	4.793	424.1E6	581.2E6	73.678	74.211
9)	A Endosulfan I	6.034	5.163	383.9E6	550.9E6	74.971	74.138
10)	B gamma-Chl...	5.906	5.045	423.9E6	636.8E6	75.554	74.339
11)	B alpha-Chl...	5.986	5.109	419.8E6	614.2E6	75.053	74.493
12)	B 4,4'-DDE	6.156	5.297	361.5E6	581.0E6	76.313	75.459
13)	MA Dieldrin	6.306	5.428	412.9E6	609.0E6	75.745	74.885
14)	MA Endrin	6.533	5.703	348.1E6	550.2E6	75.368	74.968
15)	B Endosulfa...	6.745	5.995	347.8E6	518.4E6	72.847	74.509
16)	A 4,4'-DDD	6.665	5.850	284.1E6	483.2E6	75.512	76.000
17)	MA 4,4'-DDT	6.980	6.102	320.6E6	526.7E6	75.521	75.530
18)	B Endrin al...	6.875	6.173	224.8E6	356.8E6	73.496	72.597
19)	B Endosulfa...	7.108	6.396	299.3E6	496.8E6	74.448	73.965
20)	A Methoxychlor	7.453	6.674	152.1E6	268.7E6	73.718	72.634
21)	B Endrin ke...	7.588	6.900	314.3E6	536.5E6	74.403	72.588
22)	Mirex	8.066	7.090	246.6E6	415.4E6	72.461	72.394

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

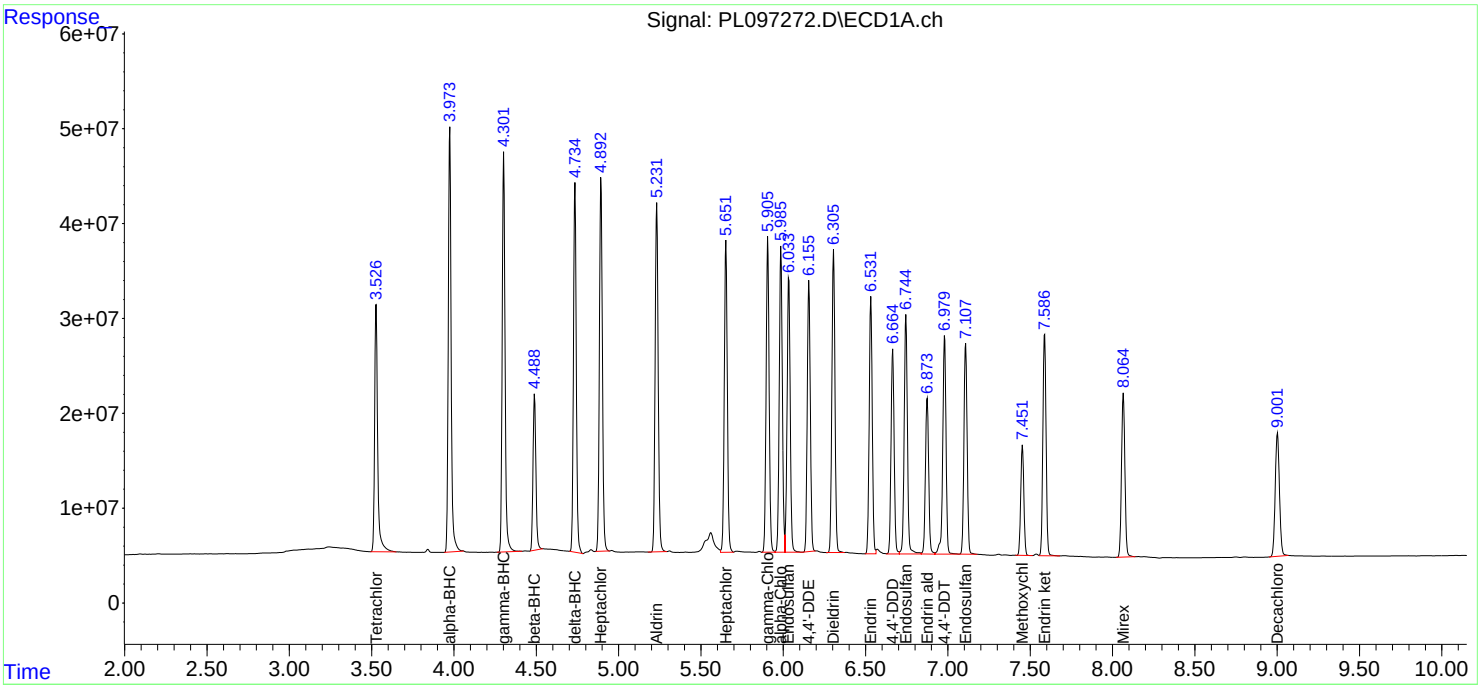
ICAL Form

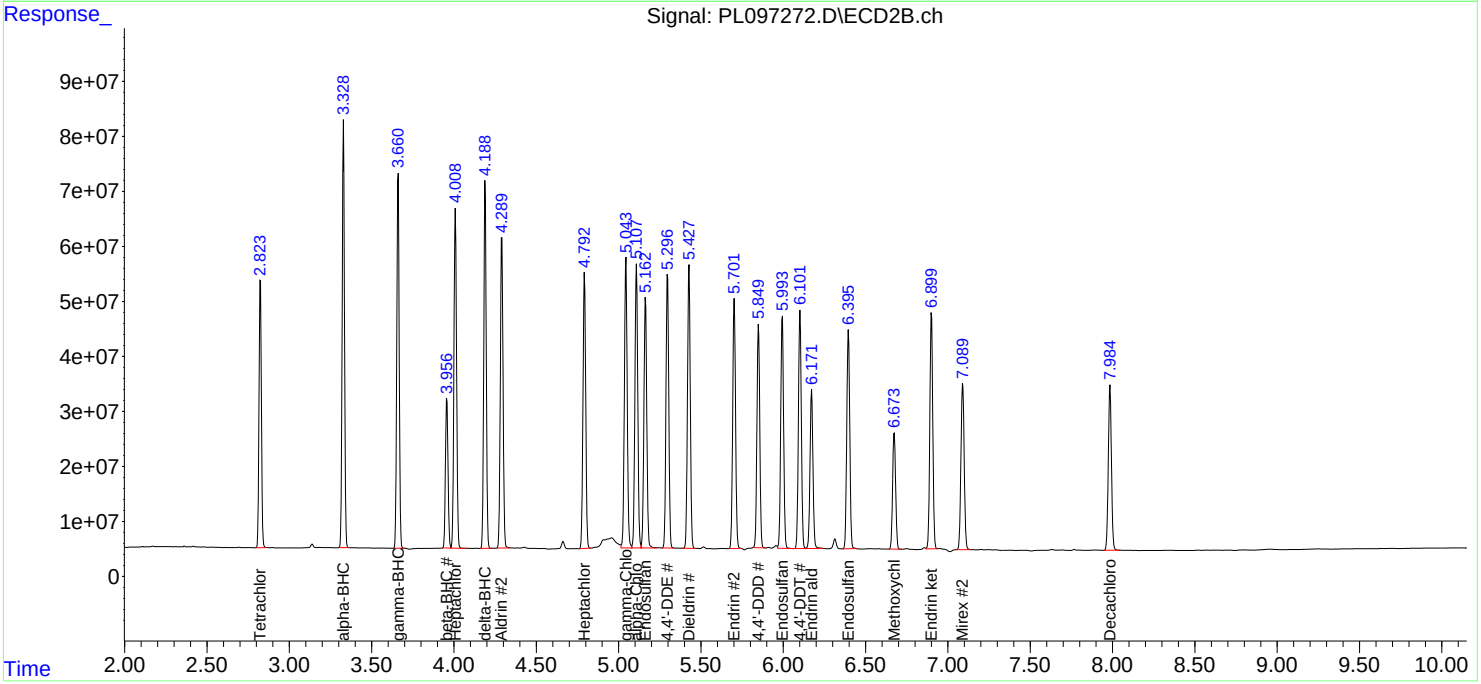
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:19
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:33
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.528	2.824	223.3E6	322.5E6	50.000	50.000
28) SA	Decachlor...	9.002	7.984	159.4E6	273.0E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.975	3.329	351.0E6	500.7E6	50.000	50.000
3) MA	gamma-BHC...	4.302	3.661	329.7E6	465.0E6	50.000	50.000
4) MA	Heptachlor	4.893	4.009	330.4E6	460.8E6	50.000	50.000
5) MB	Aldrin	5.232	4.291	314.7E6	433.1E6	50.000	50.000
6) B	beta-BHC	4.490	3.957	134.0E6	197.4E6	50.000	50.000
7) B	delta-BHC	4.735	4.190	306.5E6	461.6E6	50.000	50.000
8) B	Heptachlo...	5.652	4.793	287.8E6	391.6E6	50.000	50.000
9) A	Endosulfan I	6.034	5.164	256.1E6	371.5E6	50.000	50.000
10) B	gamma-Chl...	5.906	5.045	280.5E6	428.3E6	50.000	50.000
11) B	alpha-Chl...	5.986	5.109	279.7E6	412.3E6	50.000	50.000
12) B	4,4'-DDE	6.156	5.297	236.9E6	385.0E6	50.000	50.000
13) MA	Dieldrin	6.306	5.428	272.5E6	406.6E6	50.000	50.000
14) MA	Endrin	6.532	5.703	230.9E6	366.9E6	50.000	50.000
15) B	Endosulfa...	6.746	5.995	238.7E6	347.8E6	50.000	50.000
16) A	4,4'-DDD	6.666	5.850	188.1E6	317.9E6	50.000	50.000
17) MA	4,4'-DDT	6.980	6.102	212.3E6	348.6E6	50.000	50.000
18) B	Endrin al...	6.874	6.173	153.0E6	245.7E6	50.000	50.000
19) B	Endosulfa...	7.107	6.396	201.0E6	335.8E6	50.000	50.000
20) A	Methoxychlor	7.452	6.674	103.1E6	184.9E6	50.000	50.000
21) B	Endrin ke...	7.587	6.900	211.2E6	369.6E6	50.000	50.000
22)	Mirex	8.065	7.090	170.2E6	286.9E6	50.000	50.000

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

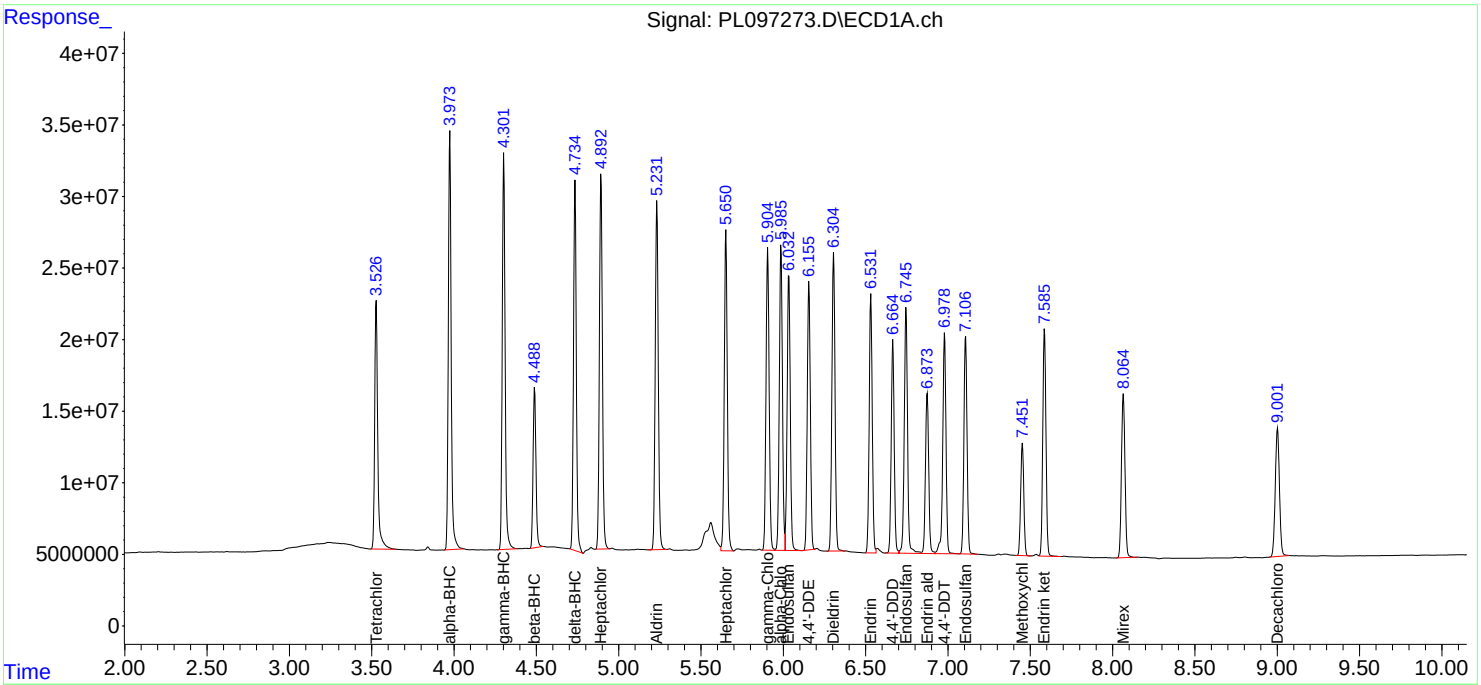
ICAL Form

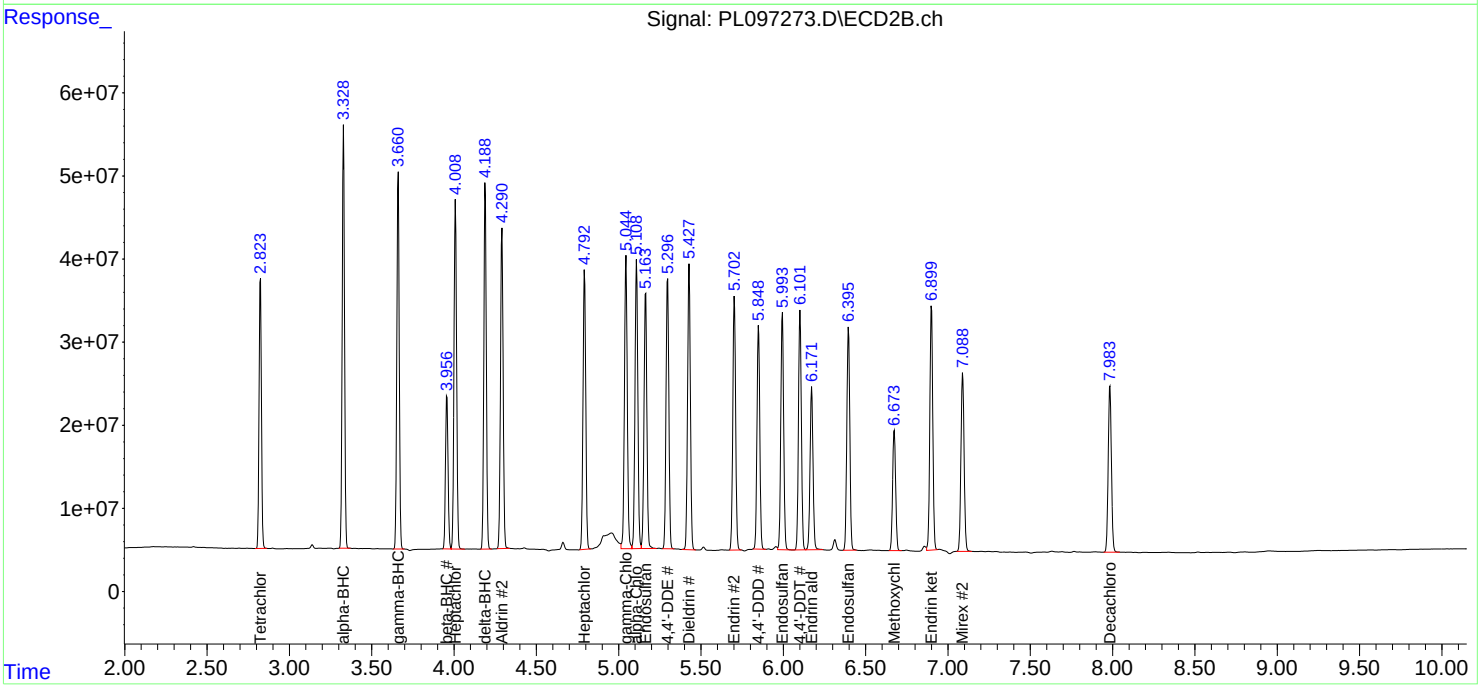
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:33
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:47
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	110.1E6	159.6E6	24.651	24.745
28)	SA Decachlor...	9.001	7.984	81068137	140.6E6	25.432	25.748
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	165.9E6	238.9E6	23.631	23.856
3)	MA gamma-BHC...	4.302	3.661	158.0E6	224.8E6	23.963	24.169
4)	MA Heptachlor	4.893	4.009	160.7E6	227.0E6	24.315	24.626
5)	MB Aldrin	5.232	4.291	151.8E6	210.1E6	24.117	24.257
6)	B beta-BHC	4.489	3.957	66839868	99596935	24.946	25.226
7)	B delta-BHC	4.735	4.190	146.9E6	220.9E6	23.960	23.922
8)	B Heptachlo...	5.652	4.793	145.7E6	194.1E6	25.316	24.782
9)	A Endosulfan I	6.034	5.164	125.0E6	186.4E6	24.417	25.081
10)	B gamma-Chl...	5.906	5.045	136.6E6	215.6E6	24.338	25.170
11)	B alpha-Chl...	5.986	5.109	137.3E6	206.1E6	24.543	24.992
12)	B 4,4'-DDE	6.156	5.297	112.8E6	185.2E6	23.816	24.048
13)	MA Dieldrin	6.306	5.428	131.4E6	197.7E6	24.115	24.315
14)	MA Endrin	6.532	5.702	108.9E6	182.2E6	23.581	24.832
15)	B Endosulfa...	6.746	5.995	118.2E6	173.5E6	24.764	24.933
16)	A 4,4'-DDD	6.665	5.850	89516591	156.6E6	23.790	24.632
17)	MA 4,4'-DDT	6.979	6.102	101.6E6	167.4E6	23.933	24.009
18)	B Endrin al...	6.875	6.173	75911729	128.9E6	24.814	26.230
19)	B Endosulfa...	7.108	6.396	98950148	168.3E6	24.614	25.062
20)	A Methoxychlor	7.453	6.675	51380116	94210076	24.910	25.471
21)	B Endrin ke...	7.587	6.900	102.9E6	184.8E6	24.367	25.000
22)	Mirex	8.065	7.090	87774467	148.3E6	25.790	25.847

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

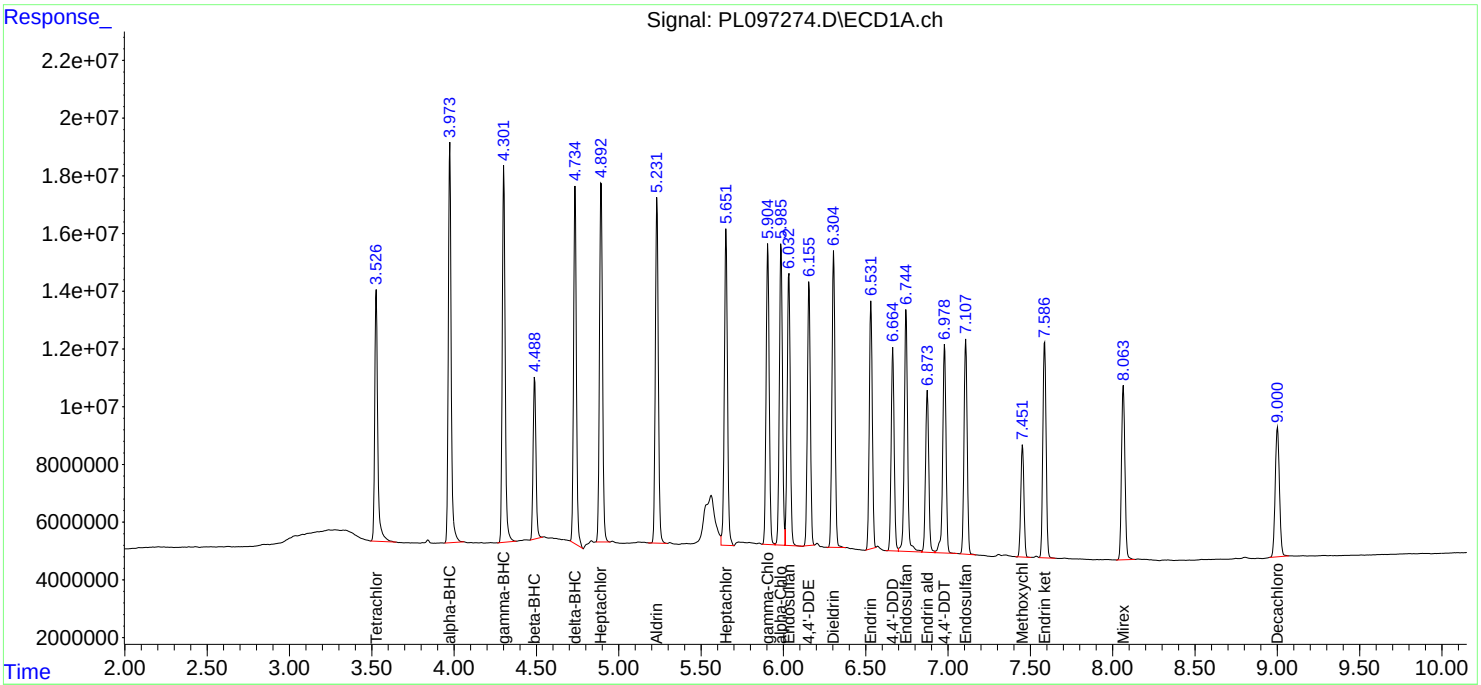
ICAL Form

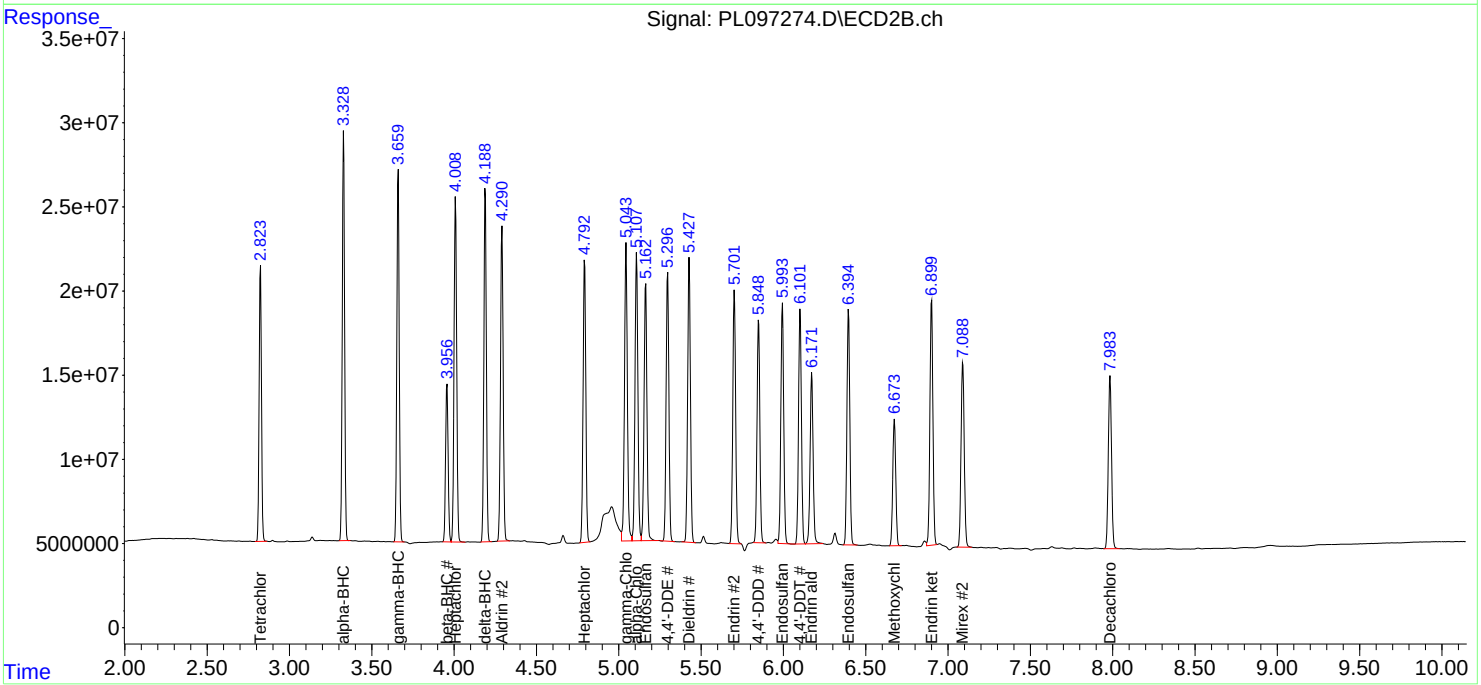
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:47
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:00
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	23772791	35198466	5.324	5.457
28)	SA Decachlor...	9.001	7.984	18285769	33532264	5.737	6.142
	Target Compounds						
2)	A alpha-BHC	3.974	3.328	33487008	48361581	4.770	4.829
3)	MA gamma-BHC...	4.302	3.660	32554930	46374195	4.937	4.986
4)	MA Heptachlor	4.893	4.008	34426346	48848941	5.210	5.300
5)	MB Aldrin	5.232	4.290	31901901	43982840	5.068	5.078
6)	B beta-BHC	4.490	3.957	14725134	22540181	5.496	5.709
7)	B delta-BHC	4.733	4.189	28774806	45070449	4.694m	4.882
8)	B Heptachlo...	5.650	4.793	28644801	42436094	4.976m	5.418
9)	A Endosulfan I	6.033	5.163	27081618	44002825	5.288	5.922
10)	B gamma-Chl...	5.905	5.043	28749631	47175597	5.124	5.507m
11)	B alpha-Chl...	5.986	5.107	29943592	42753742	5.353	5.185m
12)	B 4,4'-DDE	6.156	5.297	23948455	38300213	5.056	4.974
13)	MA Dieldrin	6.305	5.428	27648945	42357479	5.073	5.209
14)	MA Endrin	6.532	5.702	23363118	40689632	5.059	5.544
15)	B Endosulfa...	6.744	5.994	28776249	38809493	6.027m	5.579
16)	A 4,4'-DDD	6.665	5.850	19149707	32954369	5.089	5.183
17)	MA 4,4'-DDT	6.979	6.102	20744145	33603734	4.886	4.819
18)	B Endrin al...	6.874	6.171	16425107	35487549	5.369	7.221m#
19)	B Endosulfa...	7.108	6.396	21803103	37554894	5.424	5.592
20)	A Methoxychlor	7.452	6.674	11143676	21088586	5.403	5.702
21)	B Endrin ke...	7.587	6.899	21956995	42459706	5.197	5.745m
22)	Mirex	8.065	7.090	21205020	35794871	6.230	6.238

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:00
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

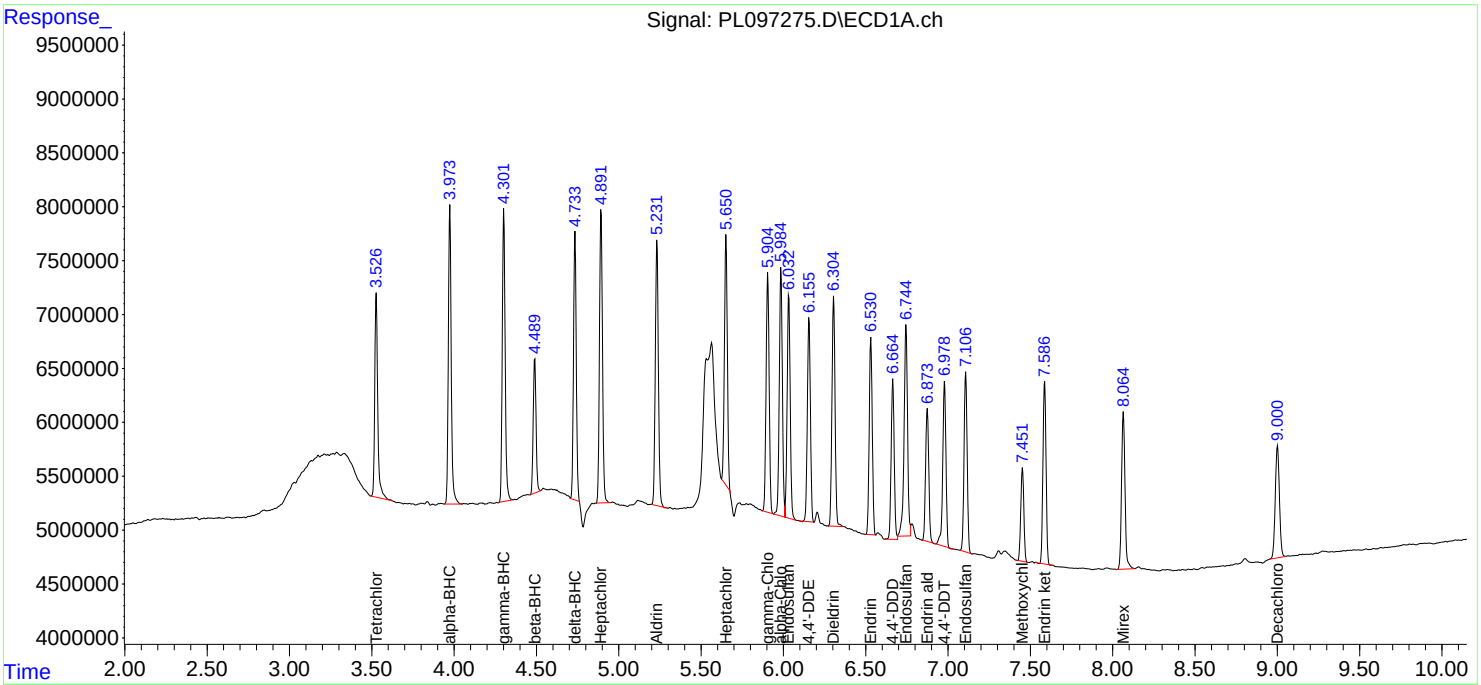
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

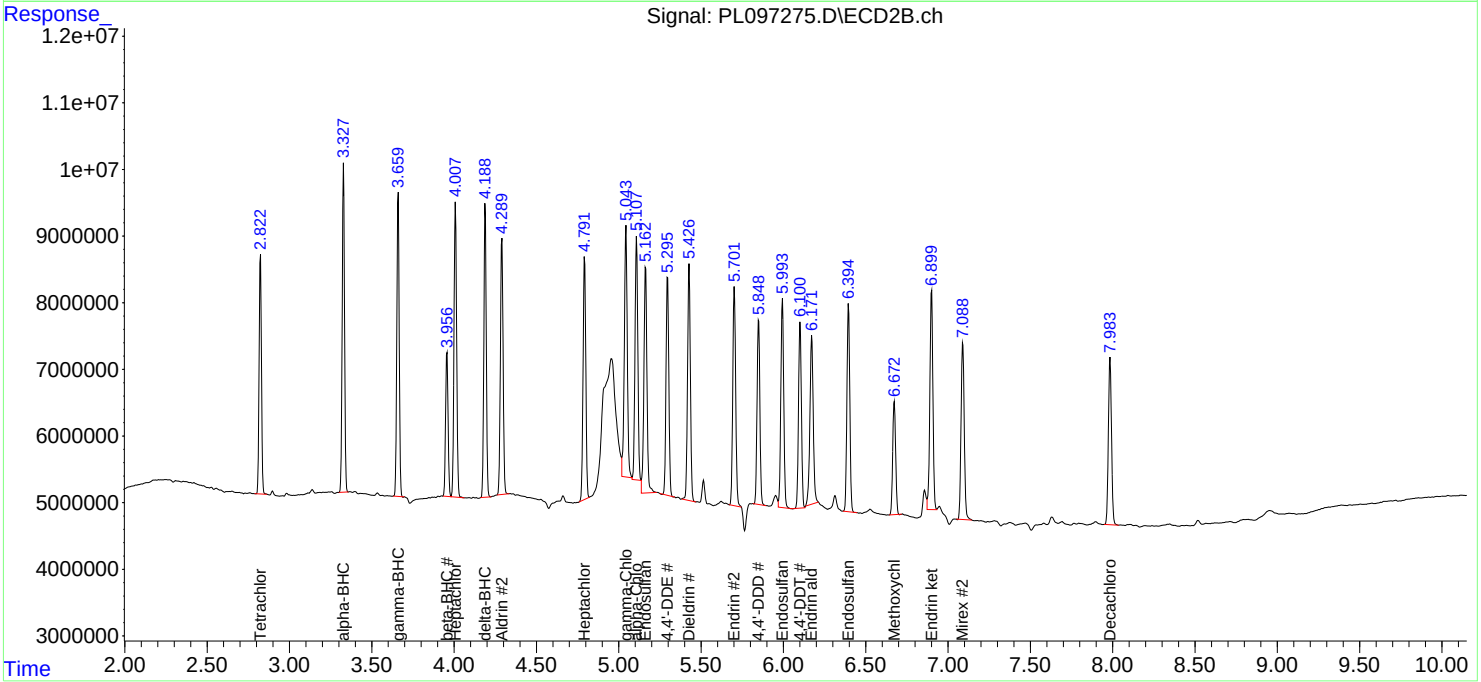
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:41
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:24:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.528	2.823	181.2E6	350.3E6	50.000	50.000
28)	SA Decachlor...	9.002	7.984	130.8E6	233.3E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.680	3.832	103.4E6	126.1E6	500.000	500.000
24)	Chlordane-2	5.204	4.412	108.0E6	142.2E6	500.000	500.000
25)	Chlordane-3	5.907	5.044	406.9E6	438.8E6	500.000	500.000
26)	Chlordane-4	5.991	5.108	496.0E6	383.2E6	500.000	500.000
27)	Chlordane-5	6.828	6.002	81439283	146.3E6	500.000	500.000

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

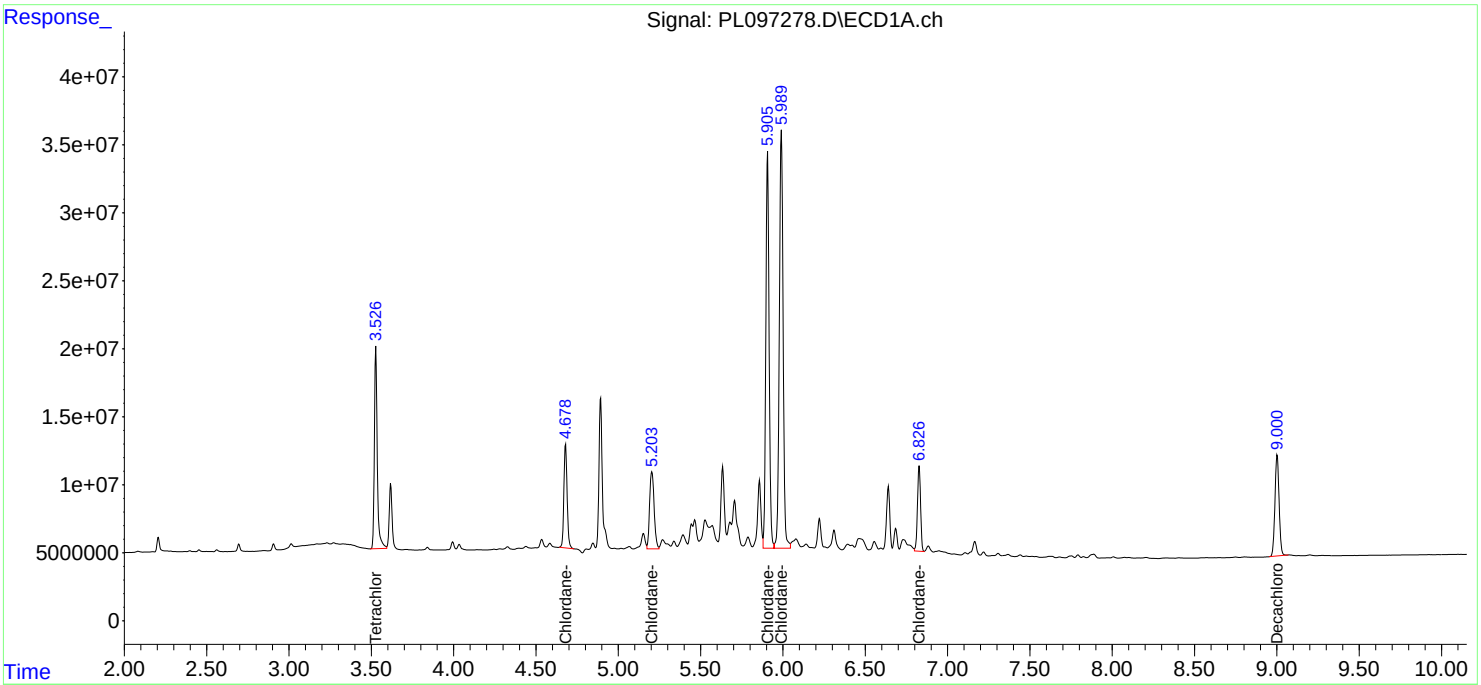
ICAL Form

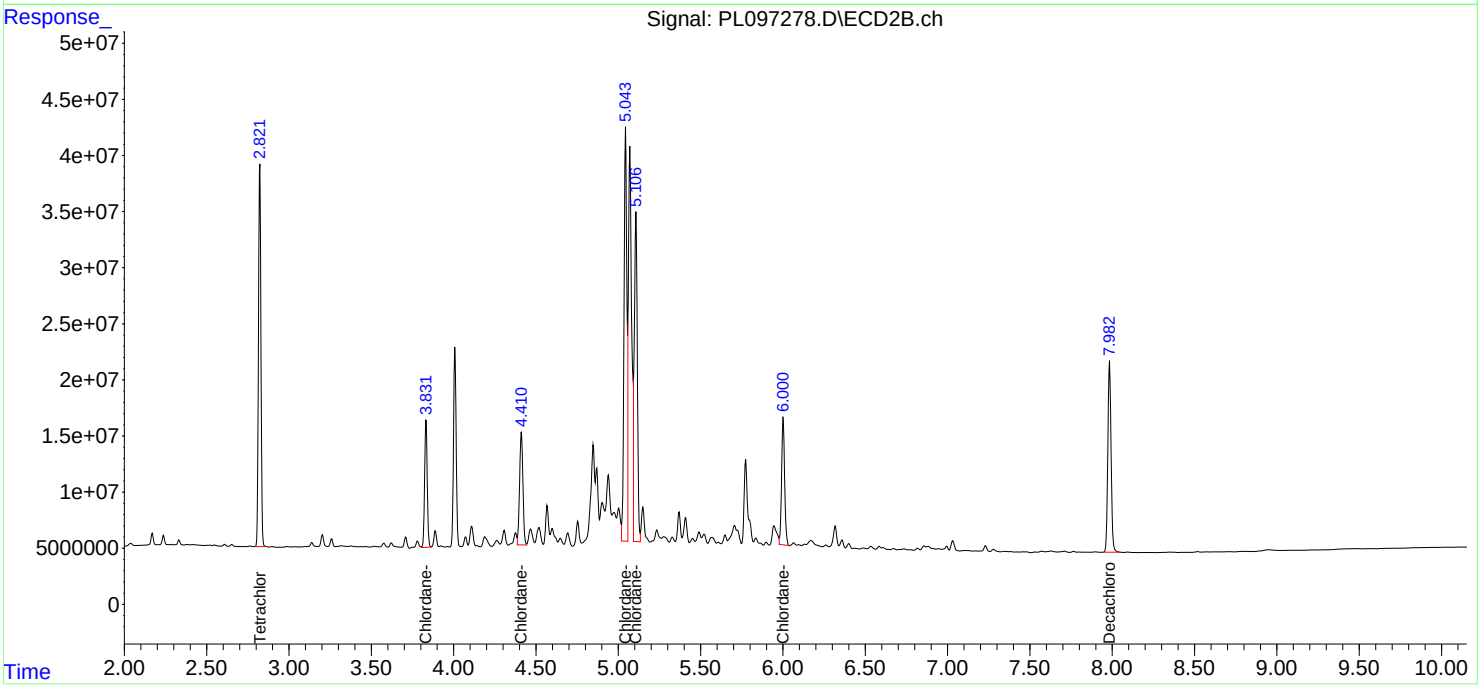
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:41
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:24:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 19:49
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 06:18:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:17:16 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.527	2.824	212.8E6	316.1E6	50.000	50.000
7)	SA Decachlor...	9.001	7.985	151.2E6	274.7E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.202	5.066	21037740	21241348	500.000	500.000
3)	Toxaphene-2	6.601	5.752	16923557	27459266	500.000	500.000
4)	Toxaphene-3	7.014	6.033	70949766	28977953	500.000	500.000
5)	Toxaphene-4	7.105	6.667	52895758	88991768	500.000	500.000
6)	Toxaphene-5	7.883	7.107	37083116	54569782	500.000	500.000

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

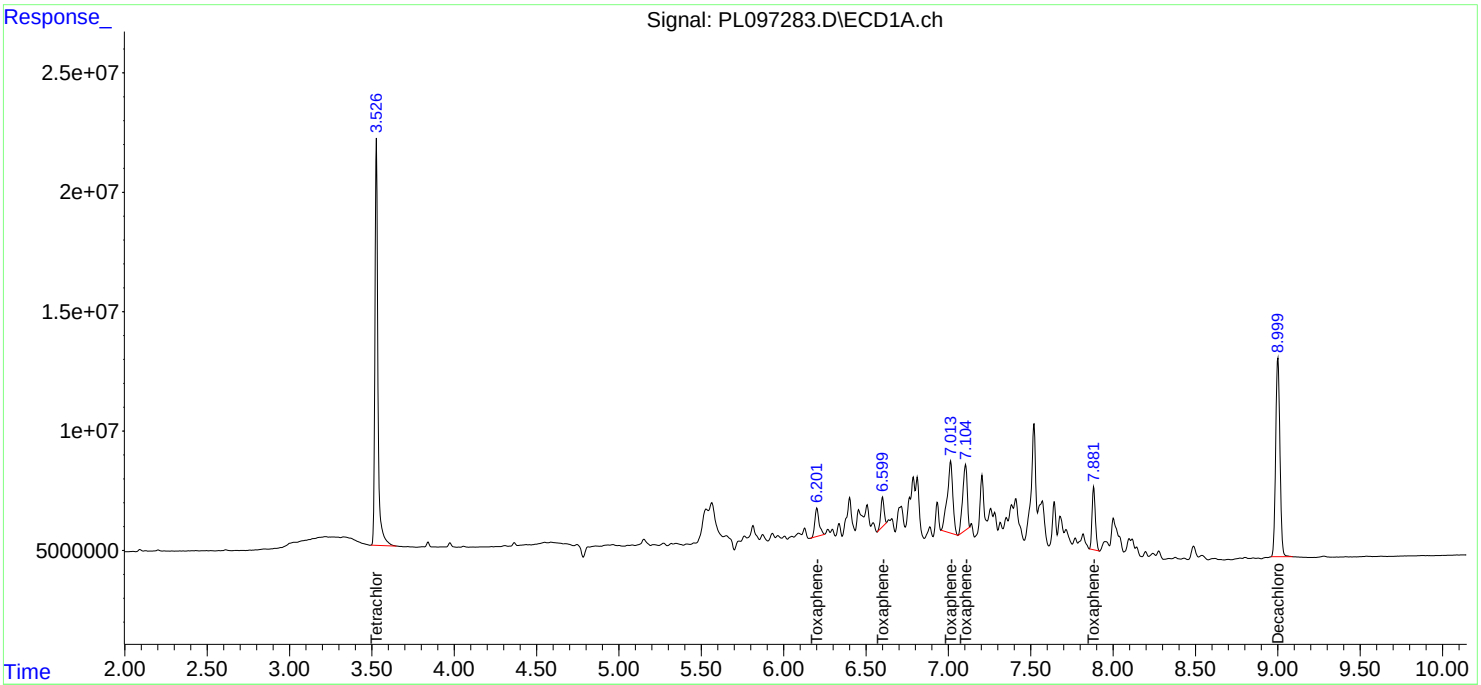
ICAL Form

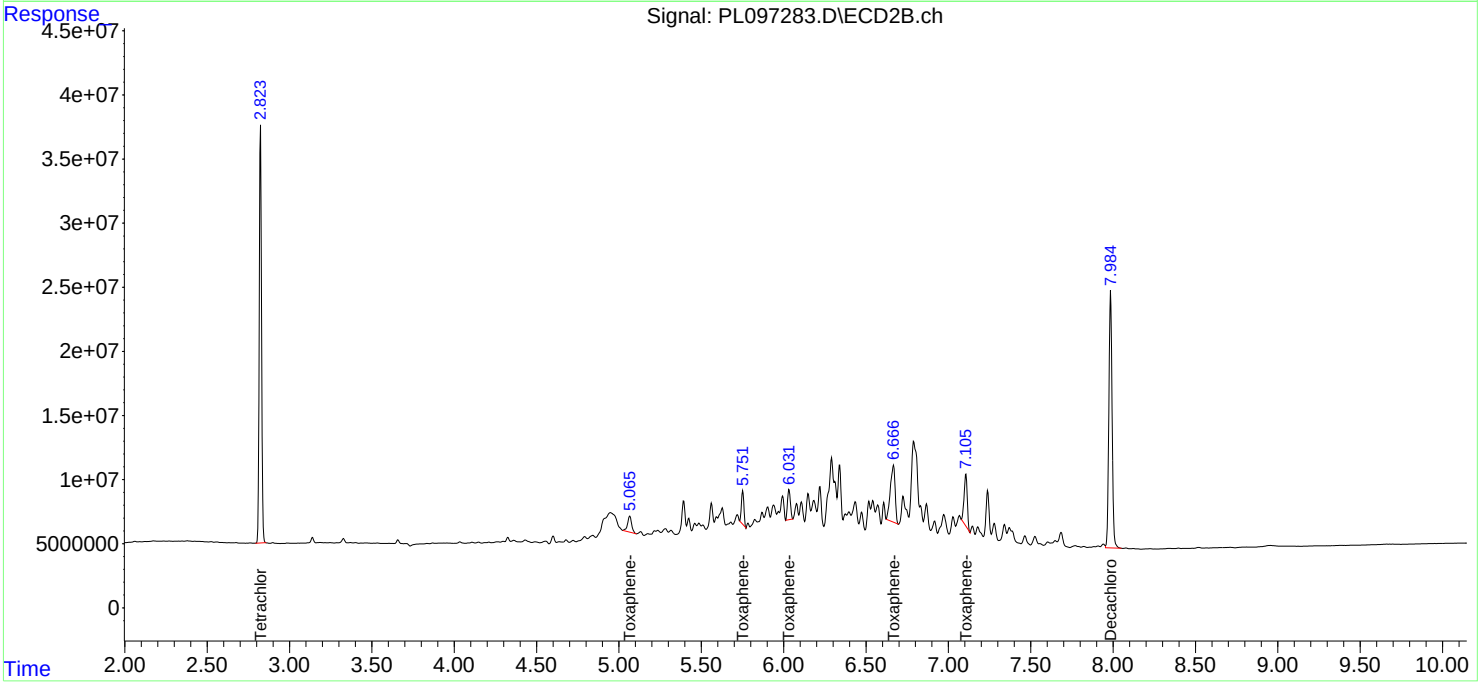
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 19:49
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 06:18:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:17:16 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:39
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.526	2.820	233.1E6	328.4E6	51.482	49.938
28)	SA Decachlor...	9.006	7.985	165.2E6	255.3E6	50.482	44.851
	Target Compounds						
2)	A alpha-BHC	3.974	3.325	368.4E6	500.7E6	52.723	50.281
3)	MA gamma-BHC...	4.302	3.657	344.6E6	461.1E6	52.110	49.498
4)	MA Heptachlor	4.893	4.005	349.0E6	445.3E6	52.326	47.851
5)	MB Aldrin	5.233	4.288	325.9E6	418.1E6	51.460	48.168
6)	B beta-BHC	4.490	3.954	136.9E6	187.9E6	50.230	46.246
7)	B delta-BHC	4.734	4.186	321.2E6	449.4E6	52.930m	48.893
8)	B Heptachlo...	5.651	4.789	306.1E6	376.2E6	53.263m	47.430m
9)	A Endosulfan I	6.034	5.161	264.5E6	345.6E6	51.051m	44.982
10)	B gamma-Chl...	5.905	5.042	288.6E6	406.9E6	51.050m	46.594
11)	B alpha-Chl...	5.986	5.107	285.1E6	401.4E6	50.192m	48.364
12)	B 4,4'-DDE	6.156	5.294	248.9E6	367.5E6	52.230m	47.821m
13)	MA Dieldrin	6.307	5.424	282.4E6	392.3E6	51.517	47.972m
14)	MA Endrin	6.532	5.701	241.9E6	351.7E6	52.445m	46.833
15)	B Endosulfa...	6.745	5.993	240.2E6	329.4E6	48.828m	46.333
16)	A 4,4'-DDD	6.666	5.848	191.1E6	297.9E6	50.687m	46.193
17)	MA 4,4'-DDT	6.982	6.101	229.3E6	328.0E6	54.236	47.389
18)	B Endrin al...	6.876	6.171	175.3E6	229.7E6	56.862	43.033
19)	B Endosulfa...	7.110	6.395	209.3E6	310.2E6	51.264	45.293
20)	A Methoxychlor	7.455	6.673	103.8E6	168.0E6	49.793	44.559
21)	B Endrin ke...	7.590	6.898	220.0E6	395.4E6	51.828	52.514m
22)	Mirex	8.068	7.089	174.4E6	269.2E6	49.109	45.026

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:39
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

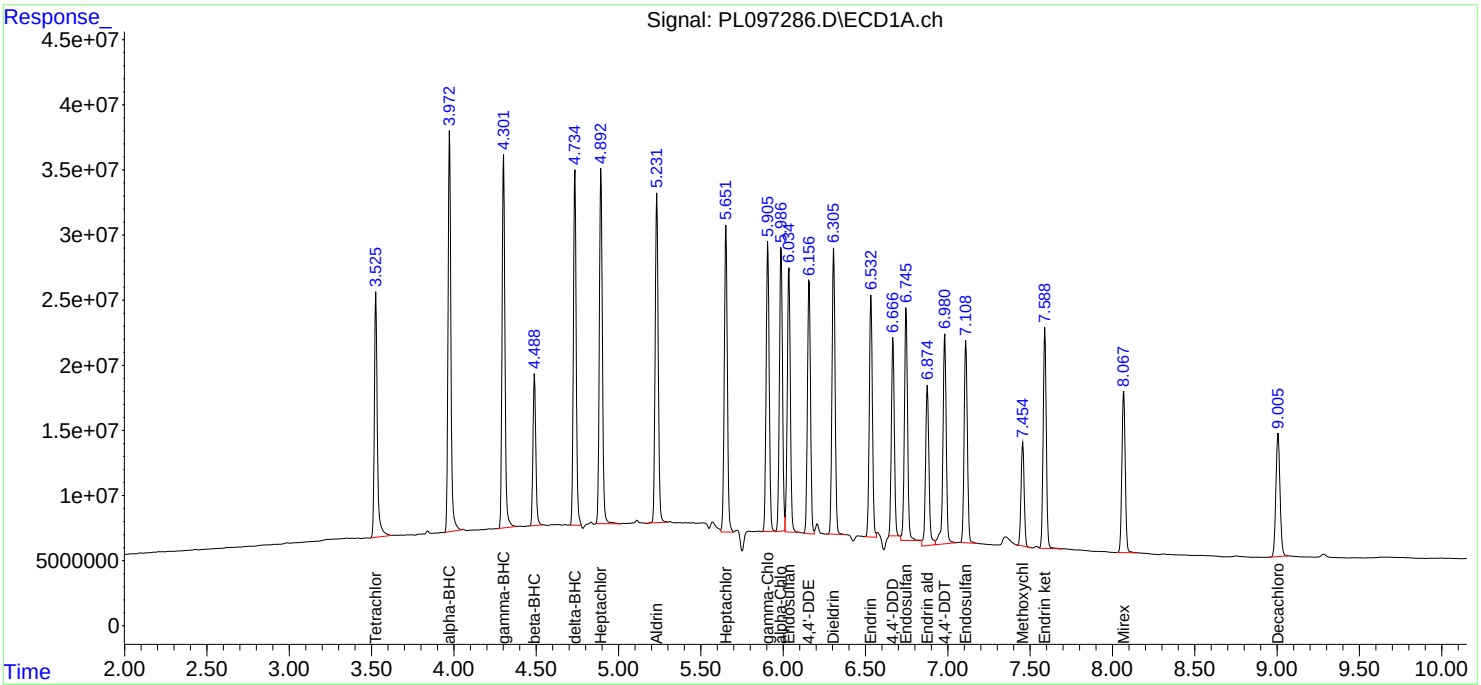
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

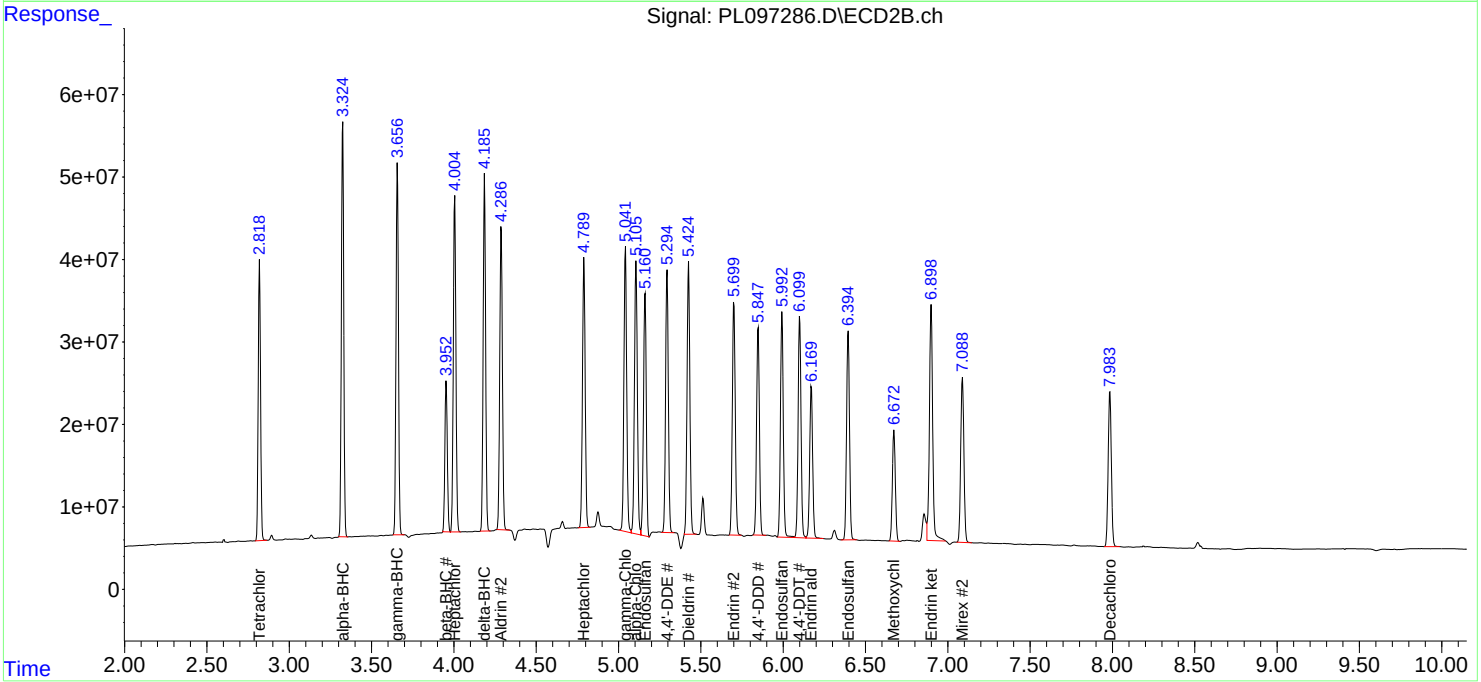
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:52
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:12:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.526	2.822	199.7E6	365.8E6	44.121	55.633 #
28)	SA Decachlor...	9.001	7.983	139.6E6	237.0E6	42.668	41.636
	Target Compounds						
23)	Chlordane-1	4.679	3.831	111.7E6	129.9E6	527.132	511.091
24)	Chlordane-2	5.201	4.410	111.1E6	150.3E6	500.634m	511.589
25)	Chlordane-3	5.905	5.043	424.6E6	455.7E6	520.618m	509.555
26)	Chlordane-4	5.989	5.106	515.0E6	380.7E6	514.915m	499.841m
27)	Chlordane-5	6.826	6.001	87854088	149.8E6	524.084m	502.416

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:52
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

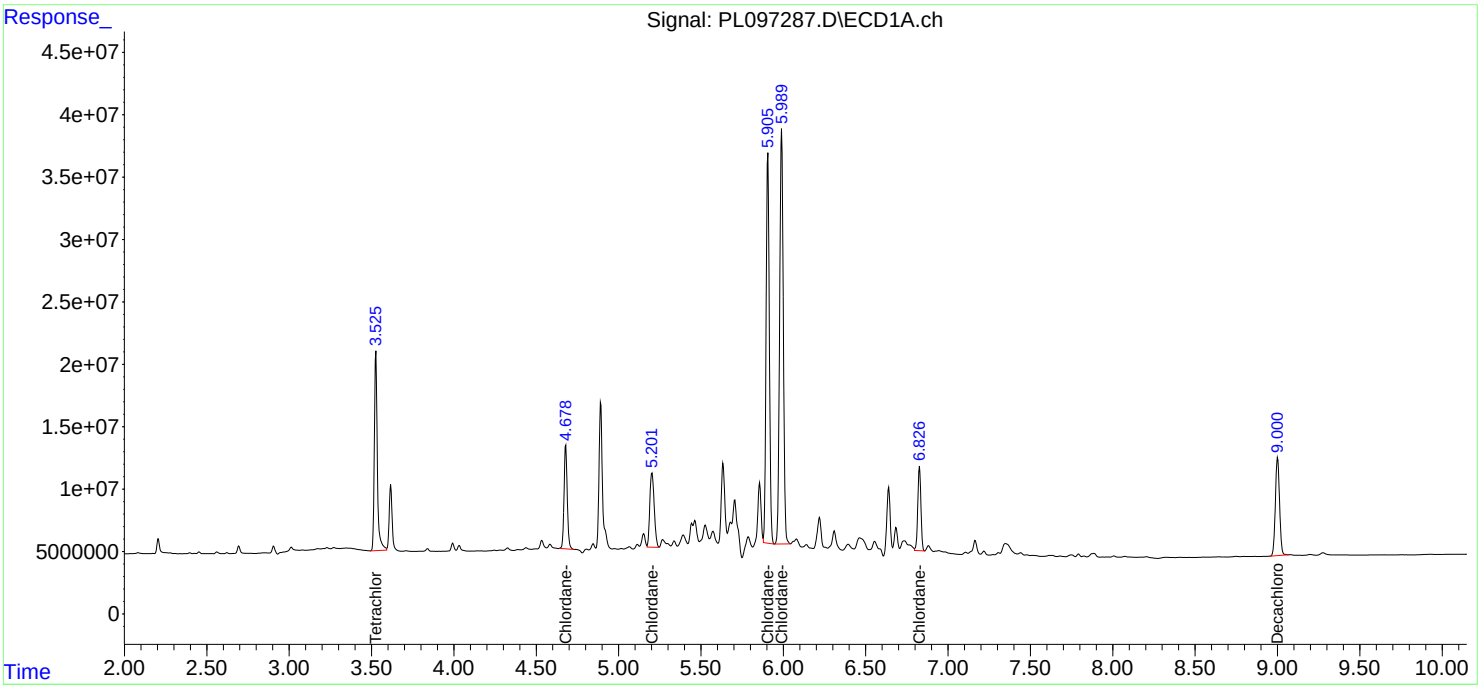
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

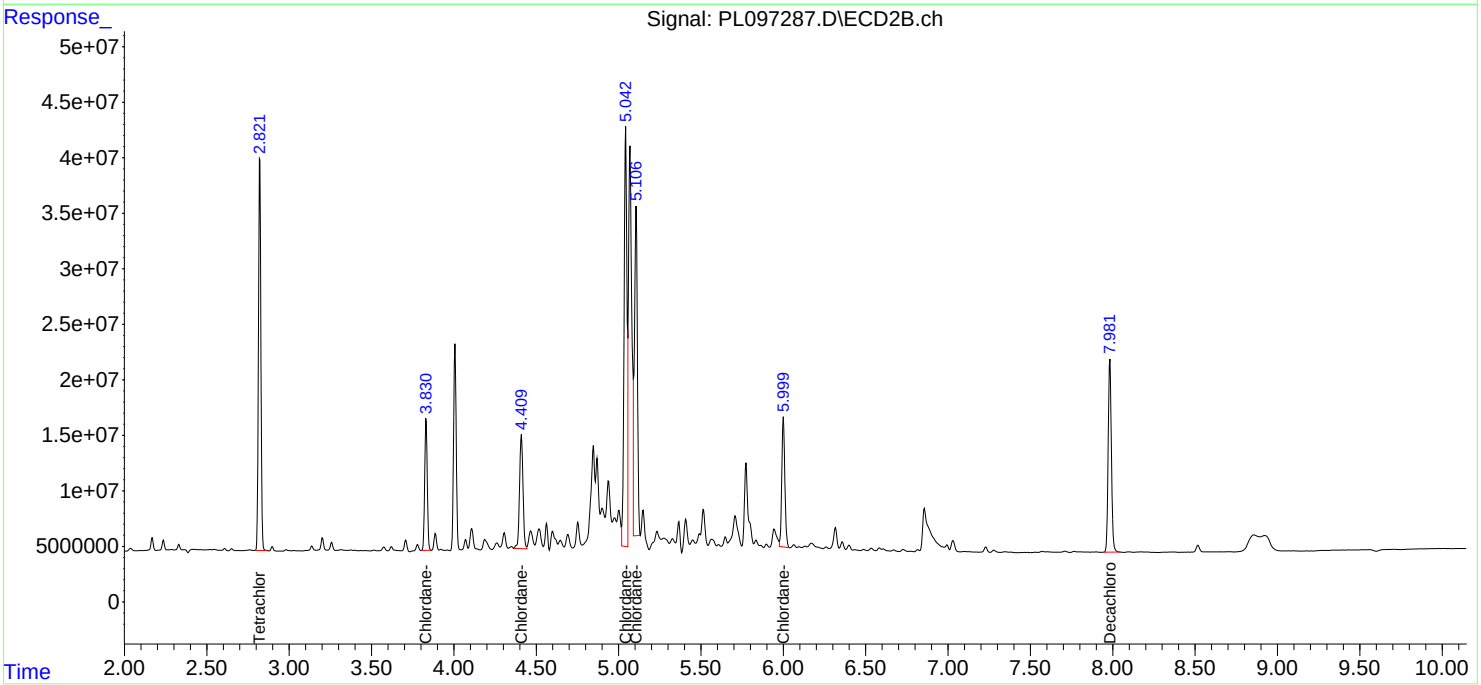
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:12:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 09:25
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:34:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 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...	3.527	2.822	206.8E6	305.4E6	49.043	49.125
7) SA	Decachlor...	9.004	7.985	146.0E6	259.8E6	48.901	47.512
	Target Compounds						
2)	Toxaphene-1	6.203	5.064	20584370	20730281	478.691	527.108m
3)	Toxaphene-2	6.602	5.752	15850196	25914739	475.278	475.930
4)	Toxaphene-3	7.016	6.033	66126700	27574610	472.119	485.585
5)	Toxaphene-4	7.106	6.667	50737974	89589604	488.063	520.666
6)	Toxaphene-5	7.885	7.107	34706442	51873806	481.757	482.163

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 09:25
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

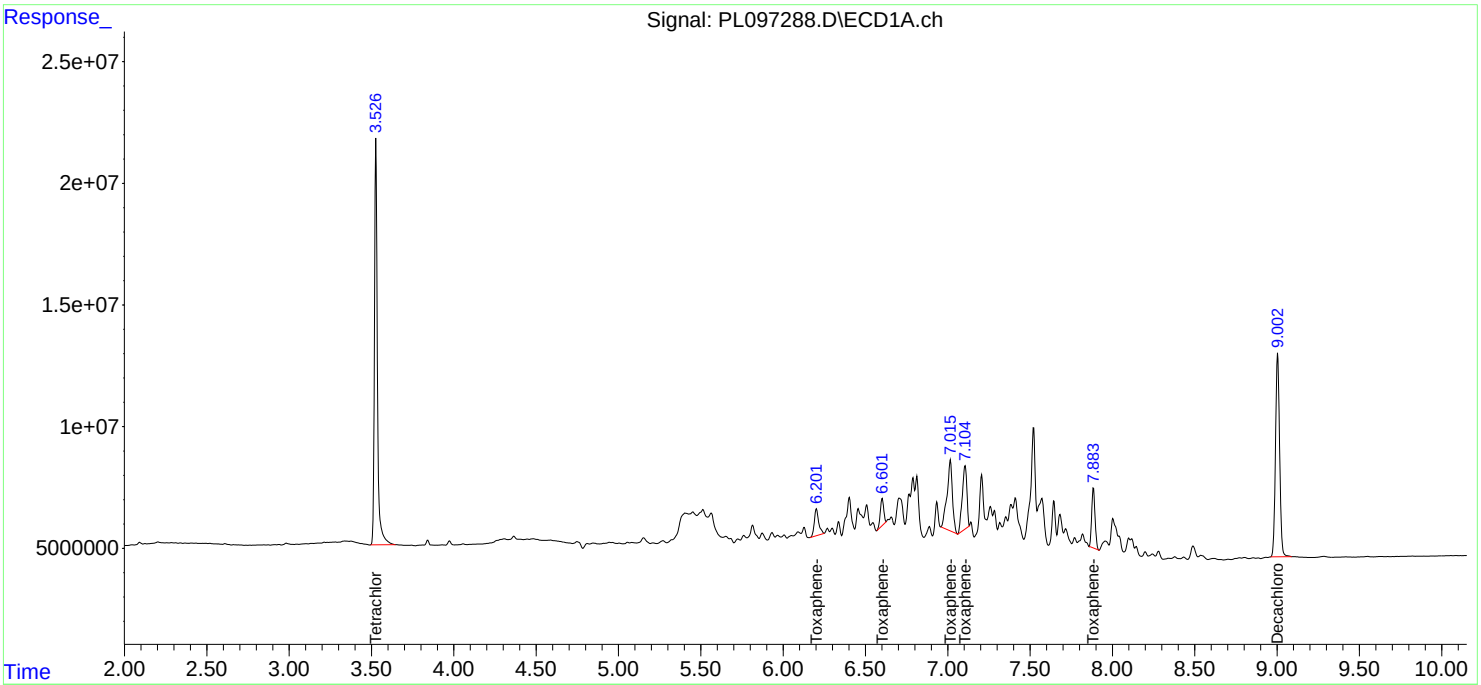
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

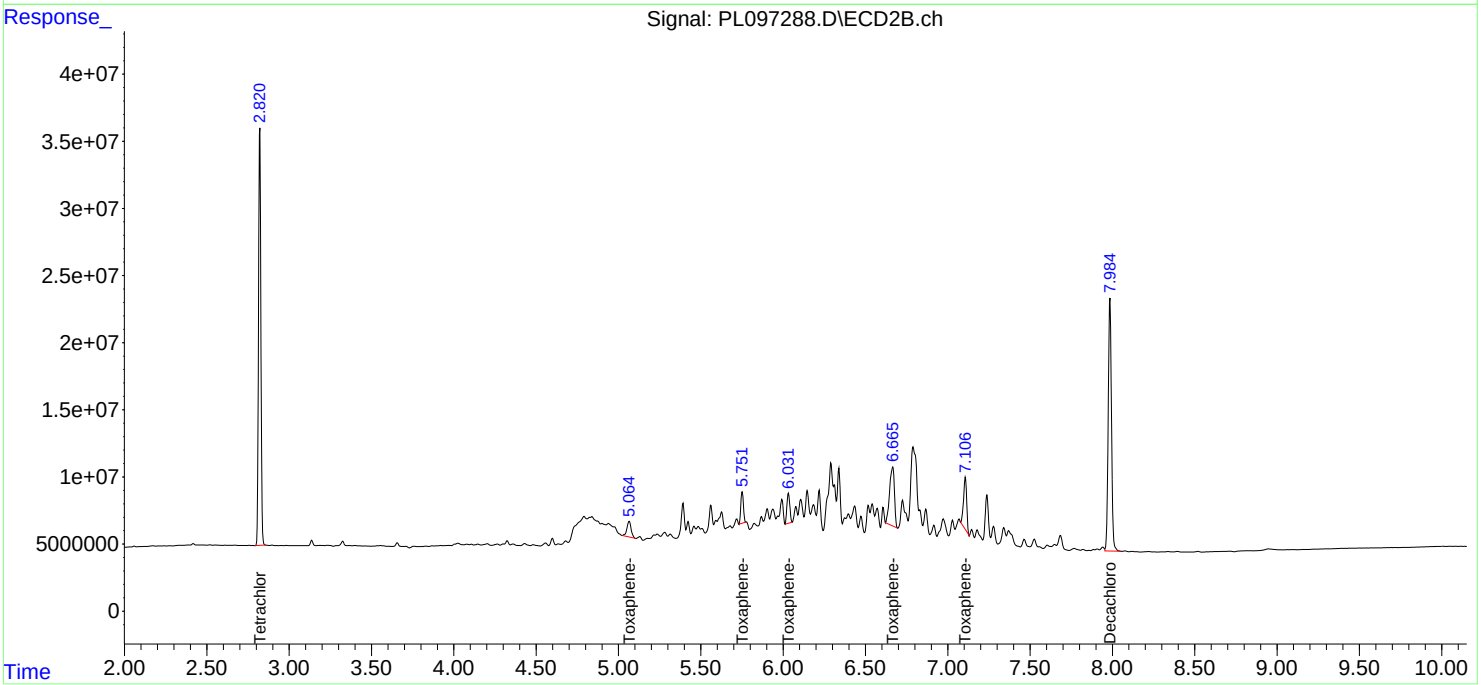
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:34:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PL097495.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 09:54 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.99	9.00	8.90	9.10	0.01
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.10	7.11	7.01	7.21	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.01
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

Raw Data: **PL097495.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 09:54 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.29	5.30	5.20	5.40	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.01
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

Raw Data: **PL097495.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097495.D **Time Analyzed:** 09:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.660	6.566	6.766	54.930	50.000	9.9
4,4'-DDE	6.151	6.056	6.256	50.790	50.000	1.6
4,4'-DDT	6.975	6.880	7.080	48.520	50.000	-3.0
Aldrin	5.229	5.132	5.332	47.320	50.000	-5.4
alpha-BHC	3.972	3.875	4.075	47.820	50.000	-4.4
alpha-Chlordane	5.981	5.886	6.086	48.300	50.000	-3.4
beta-BHC	4.487	4.390	4.590	47.260	50.000	-5.5
Decachlorobiphenyl	8.994	8.902	9.102	46.370	50.000	-7.3
delta-BHC	4.732	4.635	4.835	49.480	50.000	-1.0
Dieldrin	6.302	6.206	6.406	49.530	50.000	-0.9
Endosulfan I	6.028	5.934	6.134	48.640	50.000	-2.7
Endosulfan II	6.740	6.646	6.846	46.720	50.000	-6.6
Endosulfan sulfate	7.104	7.007	7.207	51.910	50.000	3.8
Endrin	6.528	6.432	6.632	50.200	50.000	0.4
Endrin aldehyde	6.869	6.774	6.974	54.440	50.000	8.9
Endrin ketone	7.582	7.487	7.687	54.700	50.000	9.4
gamma-BHC (Lindane)	4.300	4.202	4.402	47.270	50.000	-5.5
gamma-Chlordane	5.901	5.806	6.006	48.480	50.000	-3.0
Heptachlor	4.890	4.793	4.993	45.680	50.000	-8.6
Heptachlor epoxide	5.647	5.552	5.752	49.050	50.000	-1.9
Methoxychlor	7.448	7.352	7.552	46.010	50.000	-8.0
Tetrachloro-m-xylene	3.526	3.428	3.628	44.030	50.000	-11.9

Raw Data: **PL097495.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097495.D **Time Analyzed:** 09:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.846	5.750	5.950	48.040	50.000	-3.9
4,4'-DDE	5.294	5.197	5.397	45.540	50.000	-8.9
4,4'-DDT	6.098	6.002	6.202	40.190	50.000	-19.6
Aldrin	4.288	4.191	4.391	46.450	50.000	-7.1
alpha-BHC	3.328	3.229	3.429	47.080	50.000	-5.8
alpha-Chlordane	5.106	5.009	5.209	46.800	50.000	-6.4
beta-BHC	3.955	3.857	4.057	43.640	50.000	-12.7
Decachlorobiphenyl	7.979	7.884	8.084	41.750	50.000	-16.5
delta-BHC	4.187	4.090	4.290	45.550	50.000	-8.9
Dieldrin	5.423	5.328	5.528	47.410	50.000	-5.2
Endosulfan I	5.160	5.064	5.264	42.580	50.000	-14.8
Endosulfan II	5.991	5.895	6.095	46.500	50.000	-7.0
Endosulfan sulfate	6.392	6.296	6.496	46.530	50.000	-6.9
Endrin	5.700	5.603	5.803	53.130	50.000	6.3
Endrin aldehyde	6.169	6.073	6.273	45.750	50.000	-8.5
Endrin ketone	6.895	6.800	7.000	51.220	50.000	2.4
gamma-BHC (Lindane)	3.659	3.561	3.761	46.170	50.000	-7.7
gamma-Chlordane	5.041	4.945	5.145	46.270	50.000	-7.5
Heptachlor	4.007	3.909	4.109	44.450	50.000	-11.1
Heptachlor epoxide	4.790	4.693	4.893	46.620	50.000	-6.8
Methoxychlor	6.670	6.574	6.774	40.370	50.000	-19.3
Tetrachloro-m-xylene	2.823	2.724	2.924	41.980	50.000	-16.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.526	2.823	199.3E6	276.1E6	44.031	41.983
28)	SA Decachlor...	8.994	7.979	151.7E6	237.6E6	46.367	41.749
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	334.1E6	468.8E6	47.821	47.079
3)	MA gamma-BHC...	4.300	3.659	312.6E6	430.1E6	47.272	46.173
4)	MA Heptachlor	4.890	4.007	304.7E6	413.6E6	45.682	44.445
5)	MB Aldrin	5.229	4.288	299.7E6	403.1E6	47.321	46.445
6)	B beta-BHC	4.487	3.955	128.8E6	177.3E6	47.262	43.642
7)	B delta-BHC	4.732	4.187	300.3E6	418.7E6	49.484m	45.551
8)	B Heptachlo...	5.647	4.790	281.9E6	369.8E6	49.045m	46.620
9)	A Endosulfan I	6.028	5.160	252.0E6	327.2E6	48.641m	42.579
10)	B gamma-Chl...	5.901	5.041	274.1E6	404.1E6	48.483m	46.269
11)	B alpha-Chl...	5.981	5.106	274.4E6	388.4E6	48.304m	46.798
12)	B 4,4'-DDE	6.151	5.294	242.0E6	350.0E6	50.793m	45.544
13)	MA Dieldrin	6.302	5.423	271.5E6	387.7E6	49.533	47.412m
14)	MA Endrin	6.528	5.700	231.6E6	399.1E6	50.196	53.133
15)	B Endosulfa...	6.740	5.991	229.8E6	330.6E6	46.724m	46.498
16)	A 4,4'-DDD	6.660	5.846	207.1E6	309.8E6	54.928m	48.039
17)	MA 4,4'-DDT	6.975	6.098	205.1E6	278.1E6	48.520	40.189
18)	B Endrin al...	6.869	6.169	167.8E6	244.2E6	54.444m	45.748
19)	B Endosulfa...	7.104	6.392	211.9E6	318.7E6	51.912	46.534
20)	A Methoxychlor	7.448	6.670	95946070	152.2E6	46.009	40.366
21)	B Endrin ke...	7.582	6.895	232.2E6	385.7E6	54.696	51.224m
22)	Mirex	8.061	7.085	159.4E6	251.9E6	44.901	42.137

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

Sample Results: **PL097495.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

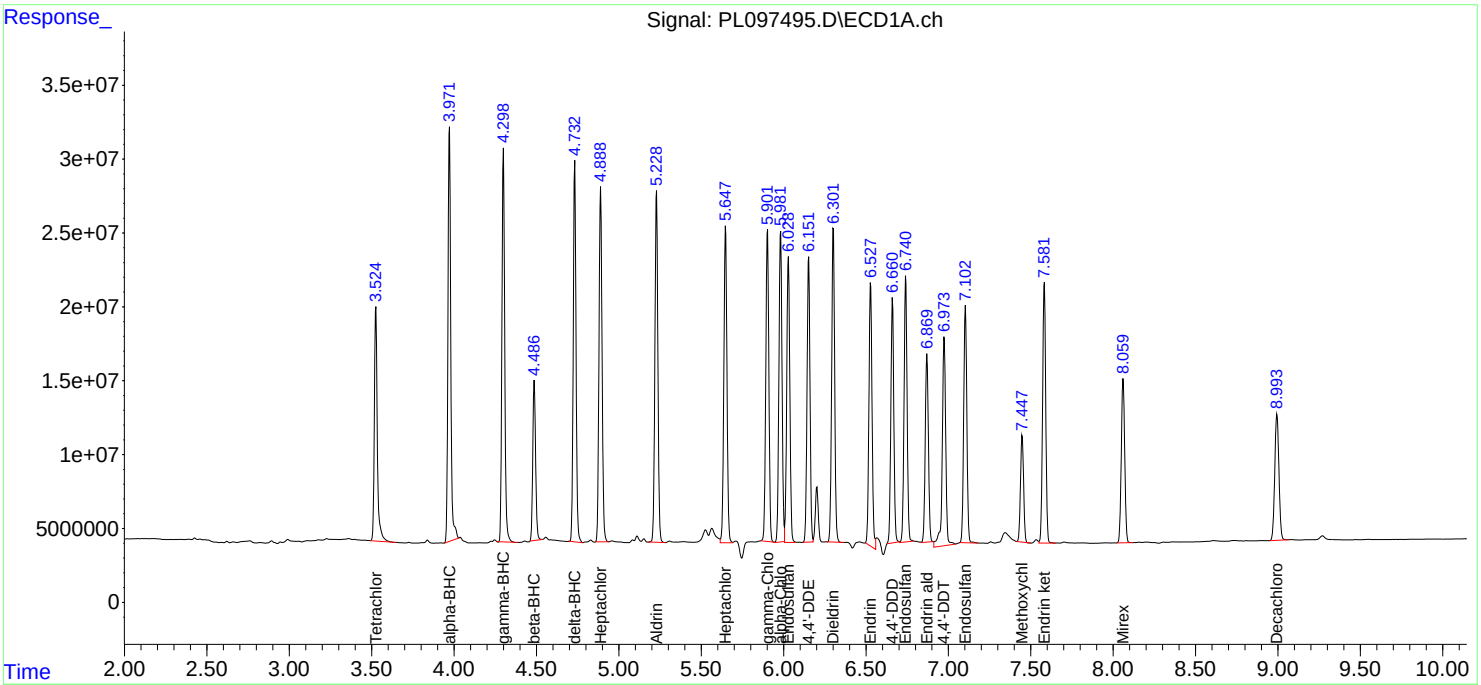
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

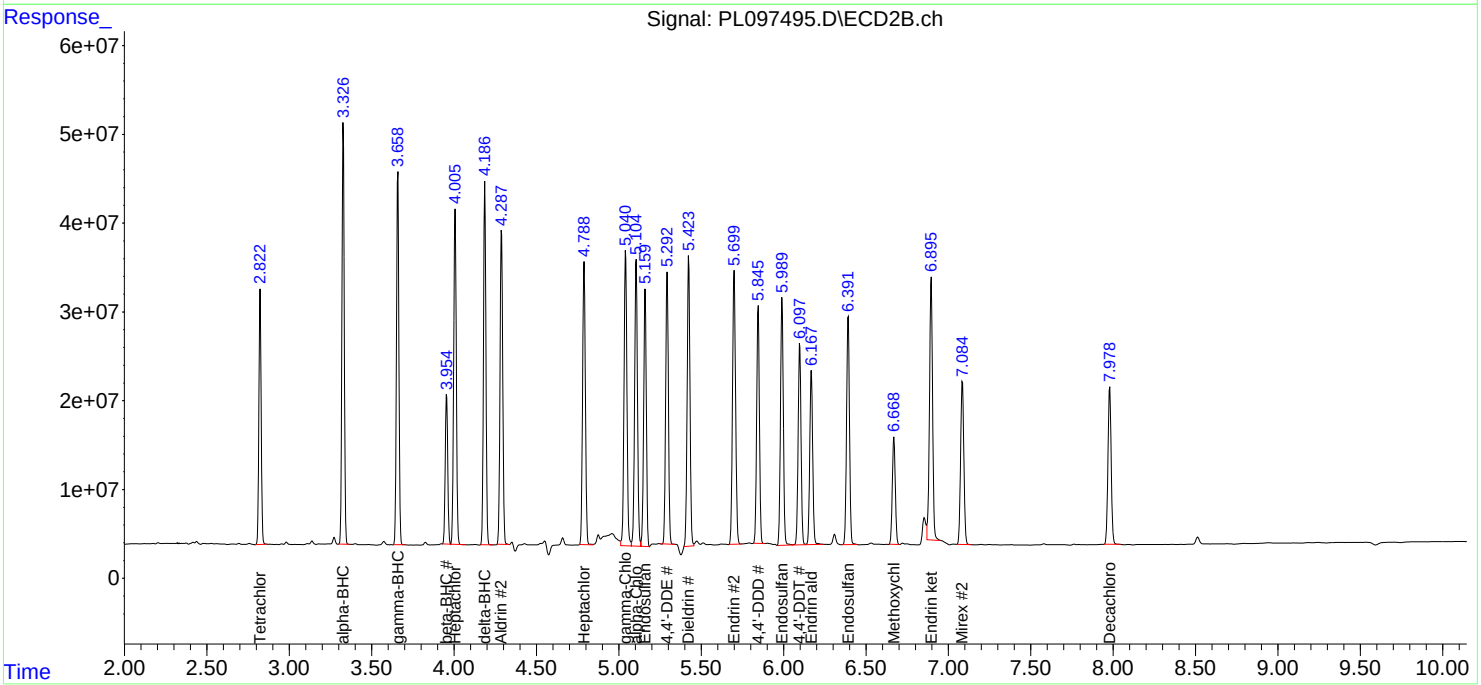
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL097506.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:17 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.01
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.10	7.11	7.01	7.21	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

Raw Data: **PL097506.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:17 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.29	5.30	5.20	5.40	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

Raw Data: **PL097506.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097506.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.660	6.566	6.766	56.870	50.000	13.7
4,4'-DDE	6.153	6.056	6.256	52.110	50.000	4.2
4,4'-DDT	6.976	6.880	7.080	51.160	50.000	2.3
Aldrin	5.229	5.132	5.332	48.390	50.000	-3.2
alpha-BHC	3.972	3.875	4.075	49.320	50.000	-1.4
alpha-Chlordane	5.981	5.886	6.086	49.760	50.000	-0.5
beta-BHC	4.487	4.390	4.590	48.450	50.000	-3.1
Decachlorobiphenyl	8.995	8.902	9.102	47.770	50.000	-4.5
delta-BHC	4.731	4.635	4.835	50.900	50.000	1.8
Dieldrin	6.302	6.206	6.406	51.120	50.000	2.2
Endosulfan I	6.030	5.934	6.134	51.800	50.000	3.6
Endosulfan II	6.740	6.646	6.846	48.610	50.000	-2.8
Endosulfan sulfate	7.104	7.007	7.207	53.040	50.000	6.1
Endrin	6.528	6.432	6.632	52.040	50.000	4.1
Endrin aldehyde	6.869	6.774	6.974	56.070	50.000	12.1
Endrin ketone	7.582	7.487	7.687	55.730	50.000	11.5
gamma-BHC (Lindane)	4.300	4.202	4.402	48.960	50.000	-2.1
gamma-Chlordane	5.901	5.806	6.006	50.180	50.000	0.4
Heptachlor	4.890	4.793	4.993	47.100	50.000	-5.8
Heptachlor epoxide	5.647	5.552	5.752	51.060	50.000	2.1
Methoxychlor	7.448	7.352	7.552	48.850	50.000	-2.3
Tetrachloro-m-xylene	3.525	3.428	3.628	45.090	50.000	-9.8

Raw Data: **PL097506.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097506.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.846	5.750	5.950	48.480	50.000	-3.0
4,4'-DDE	5.294	5.197	5.397	45.720	50.000	-8.6
4,4'-DDT	6.098	6.002	6.202	40.980	50.000	-18.0
Aldrin	4.289	4.191	4.391	46.840	50.000	-6.3
alpha-BHC	3.328	3.229	3.429	47.550	50.000	-4.9
alpha-Chlordane	5.106	5.009	5.209	47.090	50.000	-5.8
beta-BHC	3.955	3.857	4.057	44.210	50.000	-11.6
Decachlorobiphenyl	7.979	7.884	8.084	41.540	50.000	-16.9
delta-BHC	4.188	4.090	4.290	46.090	50.000	-7.8
Dieldrin	5.425	5.328	5.528	48.900	50.000	-2.2
Endosulfan I	5.161	5.064	5.264	42.820	50.000	-14.4
Endosulfan II	5.991	5.895	6.095	46.670	50.000	-6.7
Endosulfan sulfate	6.392	6.296	6.496	46.810	50.000	-6.4
Endrin	5.700	5.603	5.803	54.880	50.000	9.8
Endrin aldehyde	6.169	6.073	6.273	45.950	50.000	-8.1
Endrin ketone	6.896	6.800	7.000	52.660	50.000	5.3
gamma-BHC (Lindane)	3.660	3.561	3.761	46.790	50.000	-6.4
gamma-Chlordane	5.042	4.945	5.145	46.450	50.000	-7.1
Heptachlor	4.007	3.909	4.109	45.300	50.000	-9.4
Heptachlor epoxide	4.790	4.693	4.893	47.030	50.000	-5.9
Methoxychlor	6.670	6.574	6.774	41.190	50.000	-17.6
Tetrachloro-m-xylene	2.824	2.724	2.924	42.200	50.000	-15.6

Sample Results: **PL097506.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 16:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.525	2.824	204.1E6	277.5E6	45.091	42.201
28)	SA Decachlor...	8.995	7.979	156.3E6	236.4E6	47.771	41.544
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	344.6E6	473.5E6	49.321	47.552
3)	MA gamma-BHC...	4.300	3.660	323.7E6	435.9E6	48.955	46.795
4)	MA Heptachlor	4.890	4.007	314.1E6	421.5E6	47.098	45.296
5)	MB Aldrin	5.229	4.289	306.5E6	406.6E6	48.387	46.844
6)	B beta-BHC	4.487	3.955	132.1E6	179.6E6	48.453	44.209
7)	B delta-BHC	4.731	4.188	308.9E6	423.7E6	50.895m	46.092
8)	B Heptachlo...	5.647	4.790	293.4E6	373.0E6	51.060m	47.027
9)	A Endosulfan I	6.030	5.161	268.4E6	329.0E6	51.802	42.816
10)	B gamma-Chl...	5.901	5.042	283.7E6	405.7E6	50.180m	46.453
11)	B alpha-Chl...	5.981	5.106	282.6E6	390.9E6	49.762m	47.091
12)	B 4,4'-DDE	6.153	5.294	248.3E6	351.3E6	52.108	45.718
13)	MA Dieldrin	6.302	5.425	280.2E6	399.9E6	51.118	48.904
14)	MA Endrin	6.528	5.700	240.1E6	412.2E6	52.042	54.880
15)	B Endosulfa...	6.740	5.991	239.1E6	331.8E6	48.607m	46.665
16)	A 4,4'-DDD	6.660	5.846	214.4E6	312.6E6	56.873m	48.479
17)	MA 4,4'-DDT	6.976	6.098	216.2E6	283.6E6	51.156	40.978
18)	B Endrin al...	6.869	6.169	172.8E6	245.2E6	56.066m	45.946
19)	B Endosulfa...	7.104	6.392	216.5E6	320.6E6	53.038	46.806
20)	A Methoxychlor	7.448	6.670	101.9E6	155.3E6	48.845	41.191
21)	B Endrin ke...	7.582	6.896	236.6E6	396.6E6	55.734	52.661
22)	Mirex	8.061	7.085	163.1E6	251.1E6	45.932	41.999

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

Sample Results: **PL097506.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 16:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

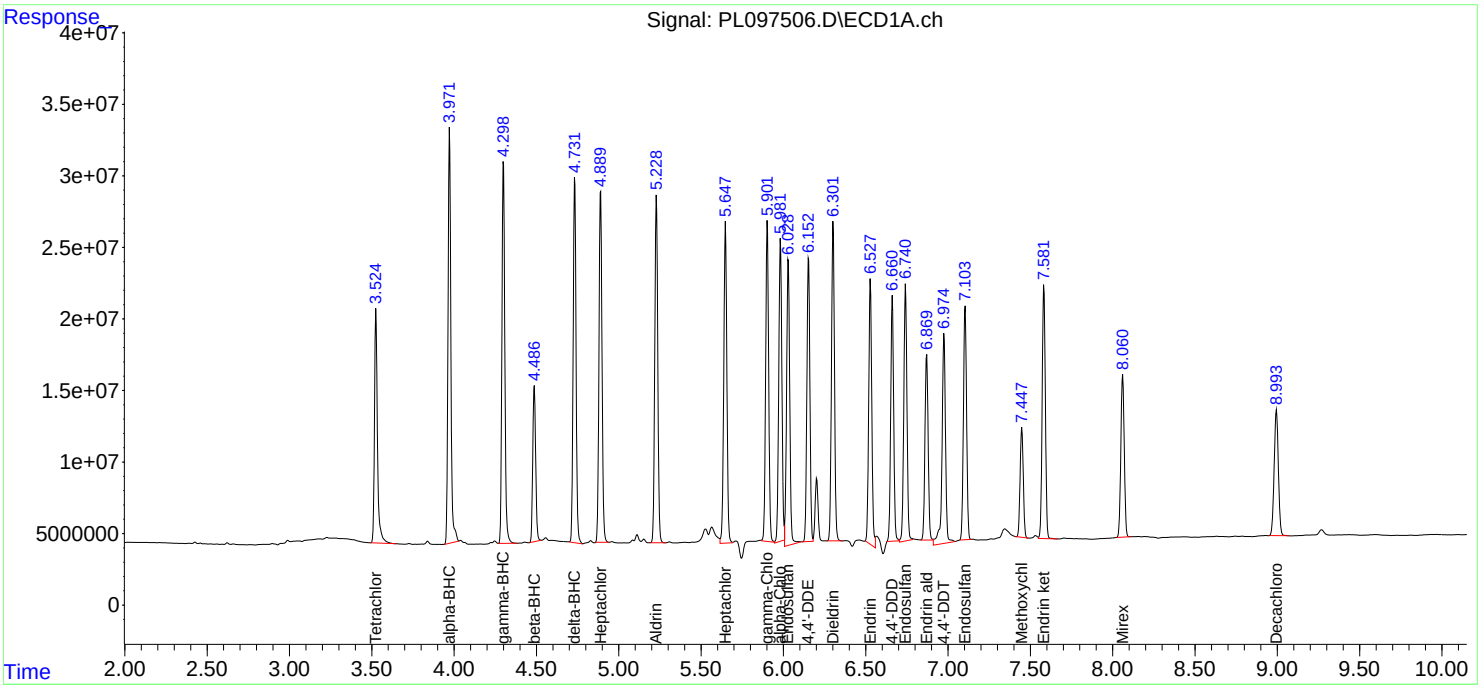
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

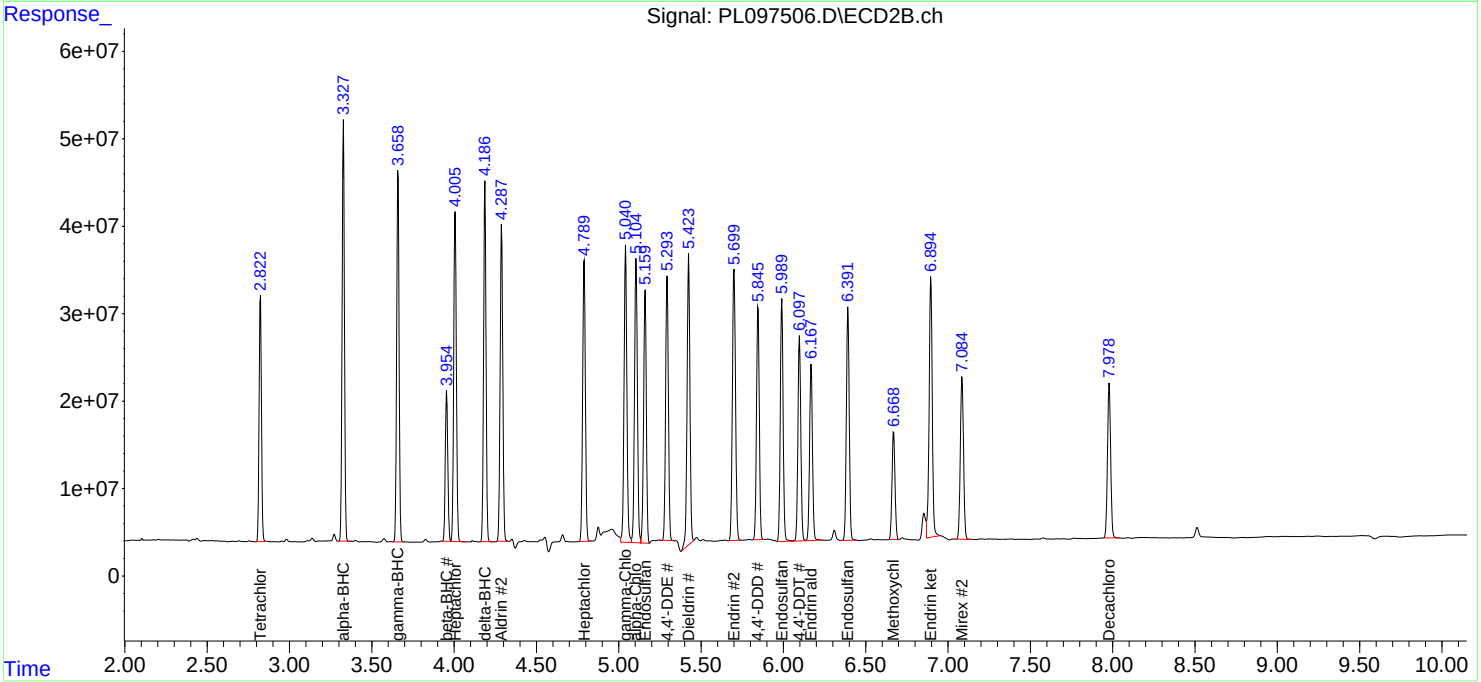
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

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

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	66867312	95692858	14.770	14.553
28)	SA Decachlor...	9.000	7.984	51238202	88066168	15.659	15.473
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	48421315	68644926	6.930	6.894
3)	MA gamma-BHC...	4.302	3.660	47659315	65230882	7.207	7.003
6)	B beta-BHC	4.489	3.957	20012852	30421608	7.341	7.489
14)	MA Endrin	6.532	5.702	174.3E6	275.4E6	37.781	36.671
16)	A 4,4'-DDD	6.665	5.856	465298	1405401	0.123m	0.218m#
17)	MA 4,4'-DDT	6.979	6.102	309.8E6	529.1E6	73.292	76.458
18)	B Endrin al...	6.879	6.171	1009715	9847104	0.328m	1.845m#
20)	A Methoxychlor	7.452	6.674	376.0E6	628.6E6	180.319	166.763
21)	B Endrin ke...	7.586	6.896	1666712	2086500	0.393m	0.277m#

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

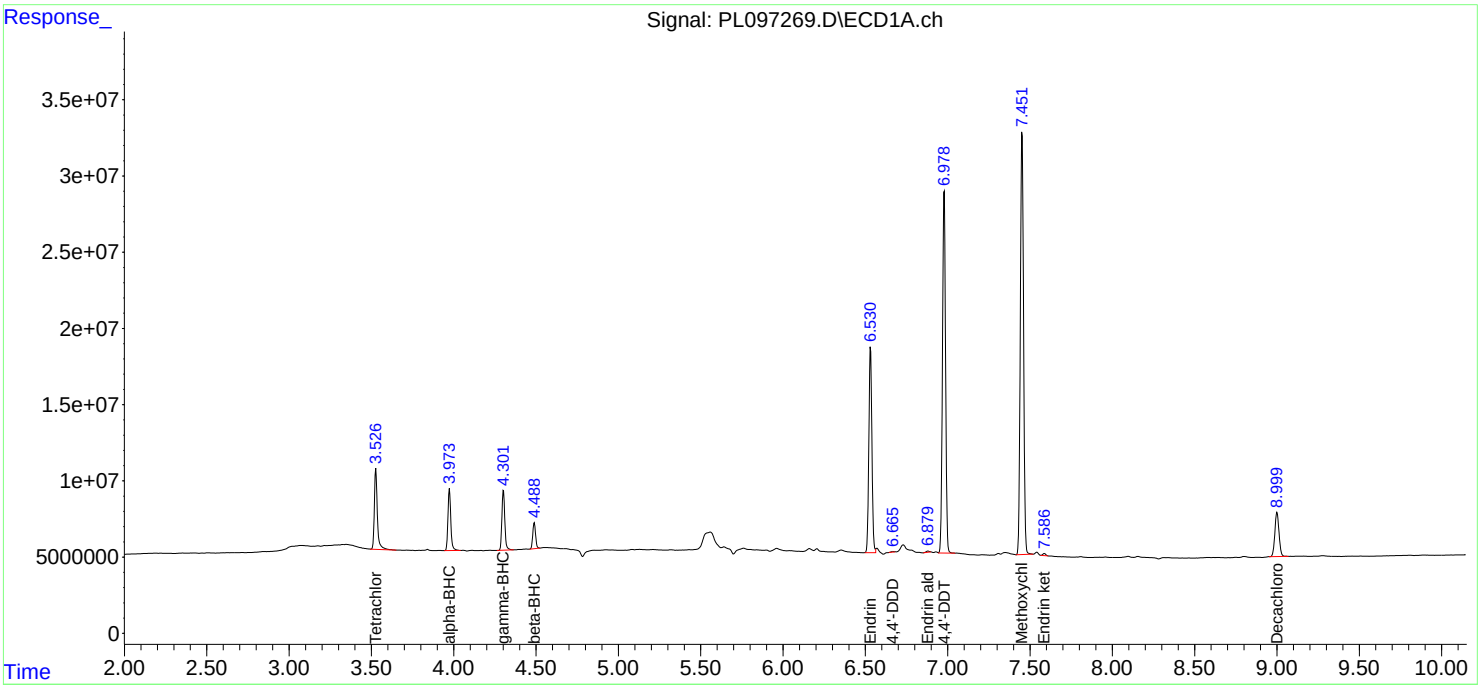
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

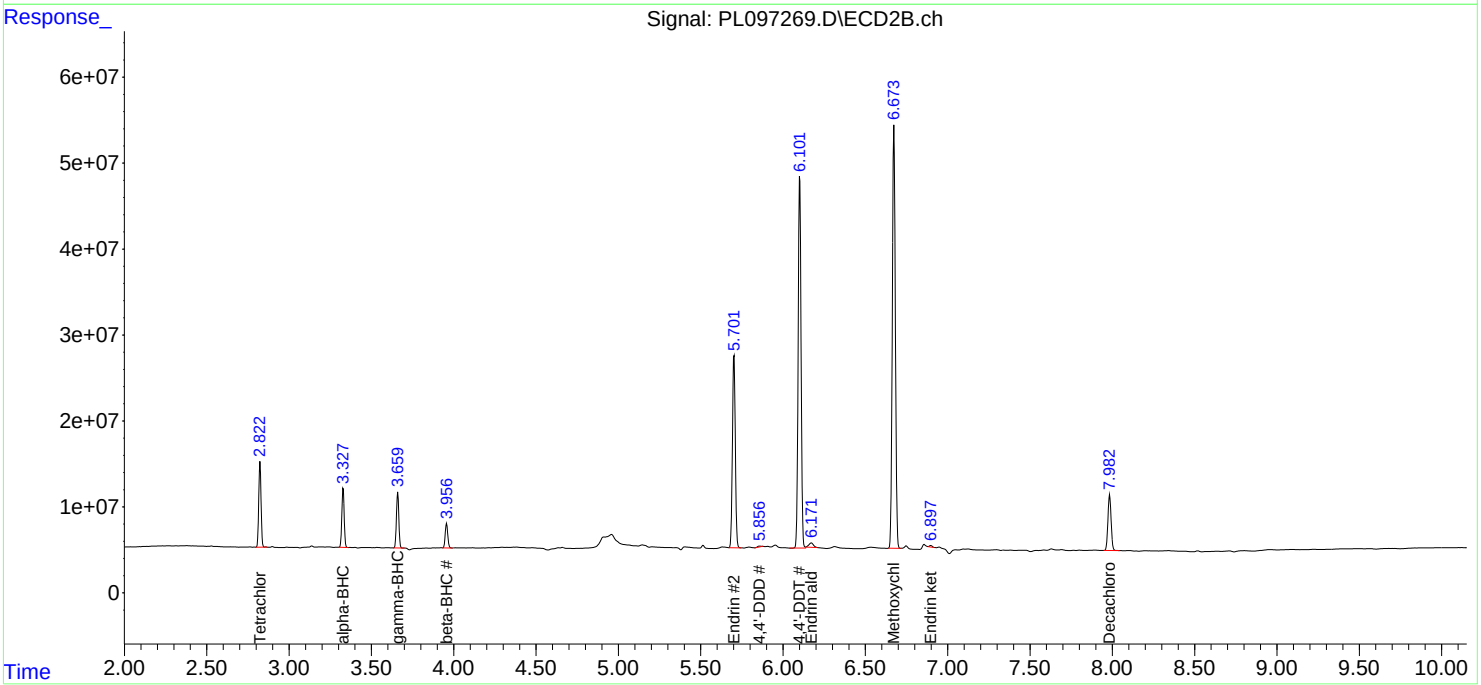
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

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

Client Sample No. (PEM): PEM - PL097494.D **Date Analyzed:** 10/02/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:40

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.994	8.890	9.090	20.050	20.000	0.3
Tetrachloro-m-xylene	3.525	3.470	3.580	18.210	20.000	-9.0
alpha-BHC	3.972	3.920	4.020	8.350	10.000	-16.5
beta-BHC	4.487	4.440	4.540	9.160	10.000	-8.4
gamma-BHC (Lindane)	4.299	4.250	4.350	8.600	10.000	-14.0
Endrin	6.528	6.460	6.600	43.990	50.000	-12.0
4,4'-DDT	6.975	6.900	7.050	79.620	100.000	-20.4
Methoxychlor	7.448	7.380	7.520	200.340	250.000	-19.9

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

Client Sample No. (PEM): PEM - PL097494.D **Date Analyzed:** 10/02/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:40

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.979	7.880	8.080	17.940	20.000	-10.3
Tetrachloro-m-xylene	2.823	2.770	2.870	16.550	20.000	-17.3
alpha-BHC	3.327	3.280	3.380	7.650	10.000	-23.5
beta-BHC	3.955	3.900	4.010	8.340	10.000	-16.6
gamma-BHC (Lindane)	3.659	3.610	3.710	7.750	10.000	-22.5
Endrin	5.699	5.630	5.770	41.200	50.000	-17.6
4,4'-DDT	6.098	6.030	6.170	73.140	100.000	-26.9
Methoxychlor	6.668	6.600	6.740	164.510	250.000	-34.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.525	2.823	82455173	108.9E6	18.213	16.555
28)	SA Decachlor...	8.994	7.979	65614193	102.1E6	20.052	17.935
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	58375904	76222920	8.354	7.655
3)	MA gamma-BHC...	4.299	3.659	56865885	72186243	8.599	7.750
6)	B beta-BHC	4.487	3.955	24970643	33893038	9.160	8.344
12)	B 4,4'-DDE	6.152	5.291	2267622	1341852	0.476m	0.175m#
14)	MA Endrin	6.528	5.699	202.9E6	309.4E6	43.985	41.199
16)	A 4,4'-DDD	6.661	5.845	25134056	30505033	6.666	4.730 #
17)	MA 4,4'-DDT	6.975	6.098	336.6E6	506.2E6	79.622	73.141
18)	B Endrin al...	6.870	6.169	2925226	4793125	0.949m	0.898m
20)	A Methoxychlor	7.448	6.668	417.8E6	620.1E6	200.337	164.508m
21)	B Endrin ke...	7.582	6.895	14842179	16887305	3.497	2.243 #

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

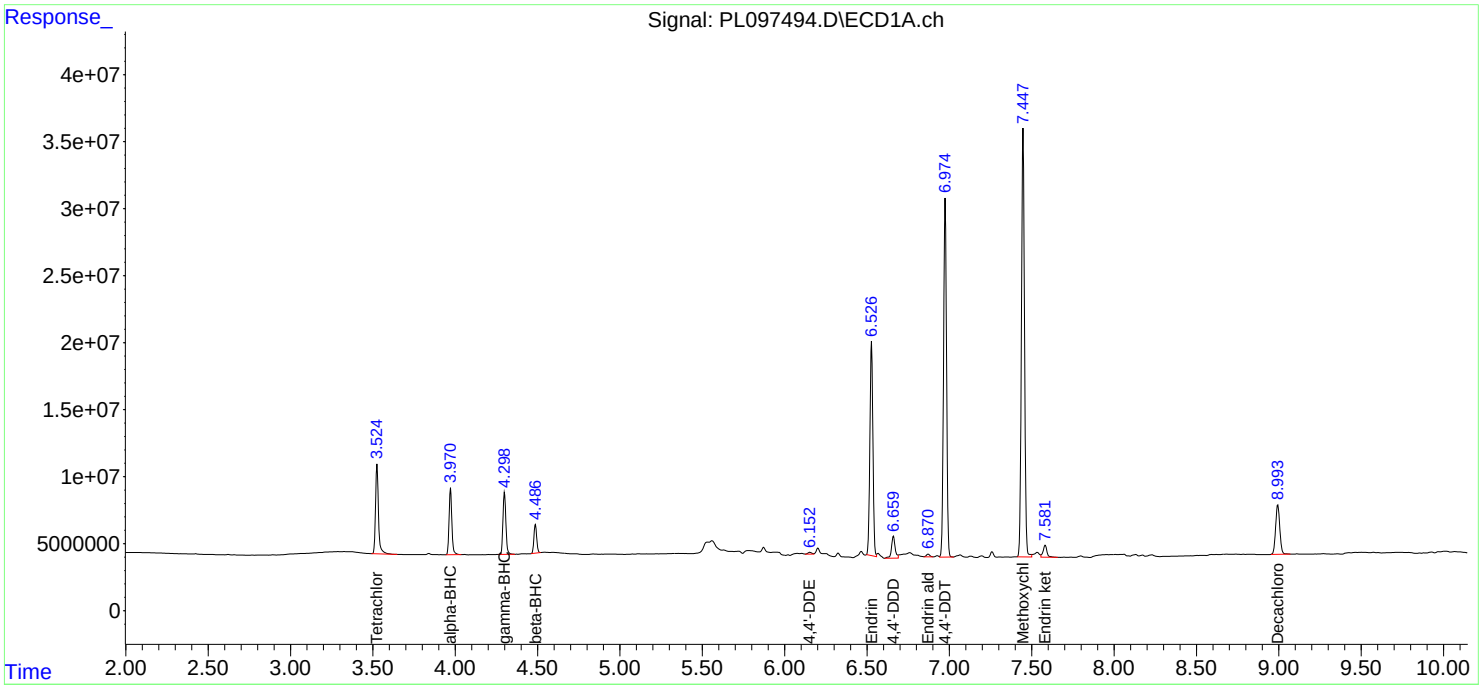
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

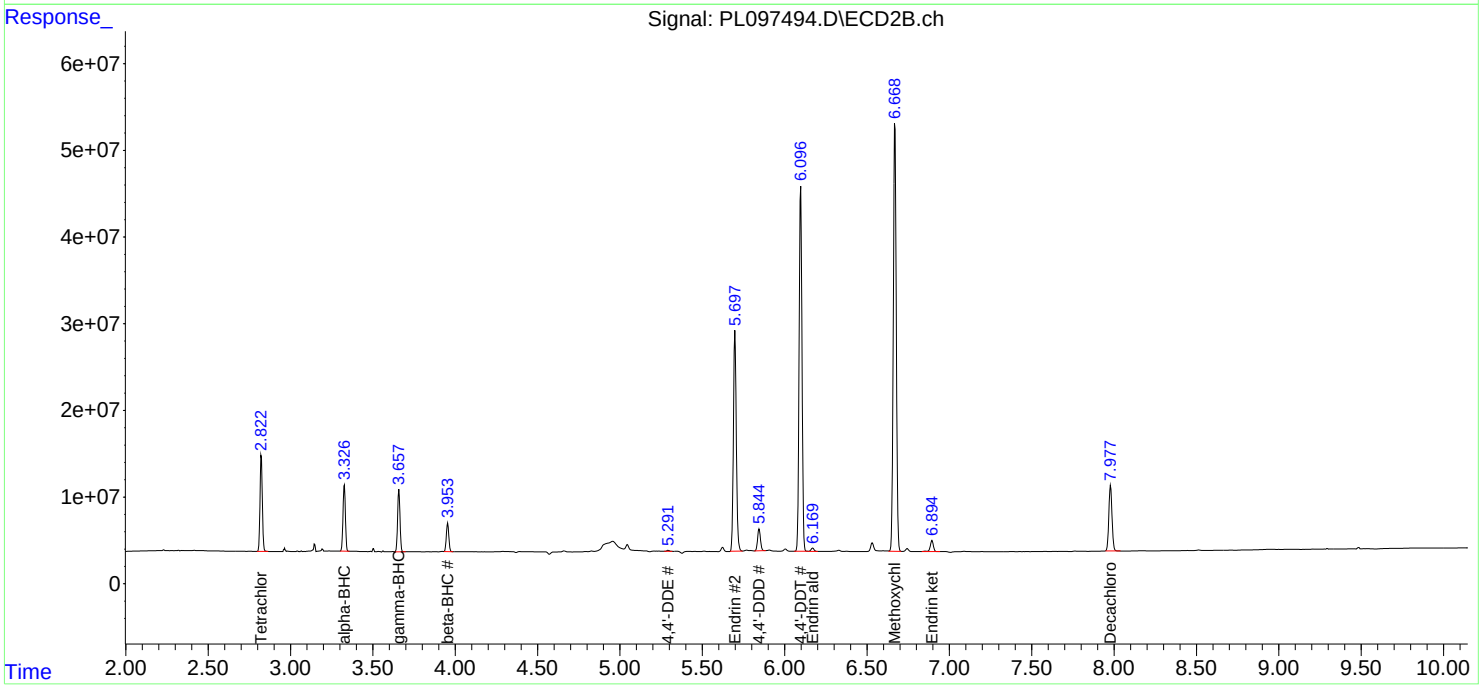
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

Analytical Sequence

Client: CDM Smith **SDG No.:** Q3266

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

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

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
I.BLK	I.BLK	10/02/2025	09:27	PL097493.D	9.00	3.52
PEM	PEM	10/02/2025	09:40	PL097494.D	8.99	3.53
PSTDCCC050	PSTDCCC050	10/02/2025	09:54	PL097495.D	8.99	3.53
PB169952BL	PB169952BL	10/02/2025	13:16	PL097496.D	9.00	3.52
PB169952BS	PB169952BS	10/02/2025	13:57	PL097497.D	9.00	3.53
ENV-3-6FT	Q3266-01	10/02/2025	15:09	PL097501.D	8.99	3.52
ENV-4-6FT	Q3266-02	10/02/2025	15:23	PL097502.D	8.99	3.52
ENV-3-6FTMS	Q3266-01MS	10/02/2025	15:36	PL097503.D	8.99	3.52
ENV-3-6FTMSD	Q3266-01MSD	10/02/2025	15:50	PL097504.D	9.00	3.52
I.BLK	I.BLK	10/02/2025	16:04	PL097505.D	8.99	3.53
PSTDCCC050	PSTDCCC050	10/02/2025	16:17	PL097506.D	9.00	3.53

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

Analytical Sequence

Client: CDM Smith **SDG No.:** Q3266

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

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

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
I.BLK	I.BLK	10/02/2025	09:27	PL097493.D	7.98	2.82
PEM	PEM	10/02/2025	09:40	PL097494.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/02/2025	09:54	PL097495.D	7.98	2.82
PB169952BL	PB169952BL	10/02/2025	13:16	PL097496.D	7.98	2.82
PB169952BS	PB169952BS	10/02/2025	13:57	PL097497.D	7.98	2.82
ENV-3-6FT	Q3266-01	10/02/2025	15:09	PL097501.D	7.98	2.82
ENV-4-6FT	Q3266-02	10/02/2025	15:23	PL097502.D	7.98	2.82
ENV-3-6FTMS	Q3266-01MS	10/02/2025	15:36	PL097503.D	7.98	2.82
ENV-3-6FTMSD	Q3266-01MSD	10/02/2025	15:50	PL097504.D	7.98	2.82
I.BLK	I.BLK	10/02/2025	16:04	PL097505.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/02/2025	16:17	PL097506.D	7.98	2.82

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: Q3266-01MS **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.66	6.61	6.71	16.3	18.8
	2	5.85	5.80	5.90	13.5	
4,4'-DDT	1	6.98	6.93	7.03	12.8	13.3
	2	6.10	6.05	6.15	11.2	
4,4'-DDE	1	6.15	6.10	6.20	14.8	12.2
	2	5.29	5.24	5.34	13.1	
Endosulfan II	1	6.74	6.69	6.79	13.9	3.7
	2	5.99	5.94	6.04	13.4	
Endrin aldehyde	1	6.87	6.82	6.92	16.1	23.6
	2	6.17	6.12	6.22	12.7	
Endosulfan sulfate	1	7.10	7.05	7.15	15.3	14.7
	2	6.39	6.34	6.44	13.2	
Methoxychlor	1	7.45	7.40	7.50	12.8	15.1
	2	6.67	6.62	6.72	11.0	
Endrin ketone	1	7.58	7.53	7.63	15.5	16.8
	2	6.90	6.85	6.95	13.1	
alpha-BHC	1	3.97	3.92	4.02	13.9	5.2
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.8	6
	2	3.66	3.61	3.71	13.0	
Heptachlor	1	4.89	4.84	4.94	13.1	5.5
	2	4.01	3.96	4.06	12.4	
Aldrin	1	5.23	5.18	5.28	13.6	3.7
	2	4.29	4.24	4.34	13.1	
beta-BHC	1	4.49	4.44	4.54	14.0	11.3
	2	3.96	3.91	4.01	12.5	
delta-BHC	1	4.73	4.68	4.78	14.3	10.3
	2	4.19	4.14	4.24	12.9	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: Q3266-01MS **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor epoxide	1	5.65	5.60	5.70	14.1	6.6
	2	4.79	4.74	4.84	13.2	
Endosulfan I	1	6.03	5.98	6.08	14.2	10.4
	2	5.16	5.11	5.21	12.8	
gamma-Chlordane	1	5.90	5.85	5.95	14.4	10.2
	2	5.04	4.99	5.09	13.0	
alpha-Chlordane	1	5.98	5.93	6.03	13.9	6.7
	2	5.11	5.06	5.16	13.0	
Dieldrin	1	6.30	6.25	6.35	14.2	8.1
	2	5.43	5.38	5.48	13.1	
Endrin	1	6.53	6.48	6.58	14.1	13.6
	2	5.70	5.65	5.75	12.3	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: Q3266-01MSD **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.66	6.61	6.71	16.6	17.7
	2	5.85	5.80	5.90	13.9	
4,4'-DDT	1	6.98	6.93	7.03	13.0	13.1
	2	6.10	6.05	6.15	11.4	
alpha-BHC	1	3.97	3.92	4.02	14.0	4.4
	2	3.33	3.28	3.38	13.4	
Aldrin	1	5.23	5.18	5.28	13.7	3
	2	4.29	4.24	4.34	13.3	
beta-BHC	1	4.49	4.44	4.54	14.1	10.4
	2	3.96	3.91	4.01	12.7	
delta-BHC	1	4.73	4.68	4.78	14.1	7.4
	2	4.19	4.14	4.24	13.1	
Endosulfan I	1	6.03	5.98	6.08	14.4	9.5
	2	5.16	5.11	5.21	13.1	
alpha-Chlordane	1	5.98	5.93	6.03	14.2	5.8
	2	5.11	5.06	5.16	13.4	
4,4'-DDE	1	6.15	6.10	6.20	15.0	11.3
	2	5.29	5.24	5.34	13.4	
Dieldrin	1	6.30	6.25	6.35	14.4	7.2
	2	5.42	5.37	5.47	13.4	
Endosulfan II	1	6.74	6.69	6.79	13.9	2.2
	2	5.99	5.94	6.04	13.6	
Endrin aldehyde	1	6.87	6.82	6.92	16.3	21.8
	2	6.17	6.12	6.22	13.1	
Endosulfan sulfate	1	7.10	7.05	7.15	15.4	13.1
	2	6.39	6.34	6.44	13.5	
Methoxychlor	1	7.45	7.40	7.50	13.3	13.7
	2	6.67	6.62	6.72	11.6	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: Q3266-01MSD **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.58	7.53	7.63	15.9	16.3
	2	6.90	6.85	6.95	13.5	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.9	4.4
	2	3.66	3.61	3.71	13.3	
Heptachlor	1	4.89	4.84	4.94	13.0	3.1
	2	4.01	3.96	4.06	12.6	
Heptachlor epoxide	1	5.65	5.60	5.70	14.3	5.8
	2	4.79	4.74	4.84	13.5	
gamma-Chlordane	1	5.90	5.85	5.95	14.6	9.3
	2	5.04	4.99	5.09	13.3	
Endrin	1	6.53	6.48	6.58	14.0	10.5
	2	5.70	5.65	5.75	12.6	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-4-6FT

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: Q3266-02 **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	6.98	6.93	7.03	0.75	46.1
	2	6.10	6.05	6.15	1.20	
4,4'-DDE	1	6.15	6.10	6.20	0.85	33.1
	2	5.29	5.24	5.34	0.61	
Endrin	1	6.53	6.48	6.58	0.34	38.2
	2	5.71	5.66	5.76	0.50	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169952BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: PB169952BS **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.66	6.61	6.71	20.1	22.7
	2	5.85	5.80	5.90	16.0	
4,4'-DDE	1	6.15	6.10	6.20	17.4	12.8
	2	5.29	5.24	5.34	15.3	
4,4'-DDT	1	6.98	6.93	7.03	15.8	19.4
	2	6.10	6.05	6.15	13.0	
alpha-BHC	1	3.97	3.92	4.02	16.5	6.9
	2	3.33	3.28	3.38	15.4	
Aldrin	1	5.23	5.18	5.28	17.5	13.4
	2	4.29	4.24	4.34	15.3	
alpha-Chlordane	1	5.98	5.93	6.03	17.0	12.5
	2	5.10	5.05	5.15	15.0	
Endosulfan II	1	6.74	6.69	6.79	16.2	5.7
	2	5.99	5.94	6.04	15.3	
Endosulfan sulfate	1	7.11	7.06	7.16	18.1	14.8
	2	6.39	6.34	6.44	15.6	
beta-BHC	1	4.49	4.44	4.54	16.2	12.5
	2	3.95	3.90	4.00	14.3	
delta-BHC	1	4.73	4.68	4.78	16.9	11.2
	2	4.19	4.14	4.24	15.1	
Endosulfan I	1	6.03	5.98	6.08	17.3	17.6
	2	5.16	5.11	5.21	14.5	
Dieldrin	1	6.30	6.25	6.35	17.0	8
	2	5.42	5.37	5.47	15.7	
Endrin aldehyde	1	6.87	6.82	6.92	19.4	22.3
	2	6.17	6.12	6.22	15.5	
Methoxychlor	1	7.45	7.40	7.50	15.5	16.8
	2	6.67	6.62	6.72	13.1	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169952BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3266

Lab Sample ID: PB169952BS **Date(s) Analyzed:** 10/02/2025 10/02/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.59	7.54	7.64	19.0	9.4
	2	6.90	6.85	6.95	17.3	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	16.2	6.4
	2	3.66	3.61	3.71	15.2	
Heptachlor	1	4.89	4.84	4.94	15.6	6.6
	2	4.00	3.95	4.05	14.6	
Heptachlor epoxide	1	5.65	5.60	5.70	16.7	8.7
	2	4.79	4.74	4.84	15.3	
gamma-Chlordane	1	5.90	5.85	5.95	16.9	13.9
	2	5.04	4.99	5.09	14.7	
Endrin	1	6.53	6.48	6.58	16.8	3.6
	2	5.70	5.65	5.75	16.2	

QC SAMPLE DATA

Raw Data: **PL097496.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BL	SDG No.:	Q3266
Lab Sample ID:	PB169952BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097496.D	1	10/02/25 09:36	10/02/25 13:16	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.5		20 - 144	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		19 - 148	109%	SPK: 20

Raw Data: **PL097496.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BL	SDG No.:	Q3266
Lab Sample ID:	PB169952BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097496.D	1	10/02/25 09:36	10/02/25 13:16	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097496.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:16
Operator : AR\AJ
Sample : PB169952BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169952BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.818	98246895	129.9E6	21.702	19.748
28)	SA Decachlor...	8.999	7.979	83521160	122.6E6	25.524	21.548
	Target Compounds						

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

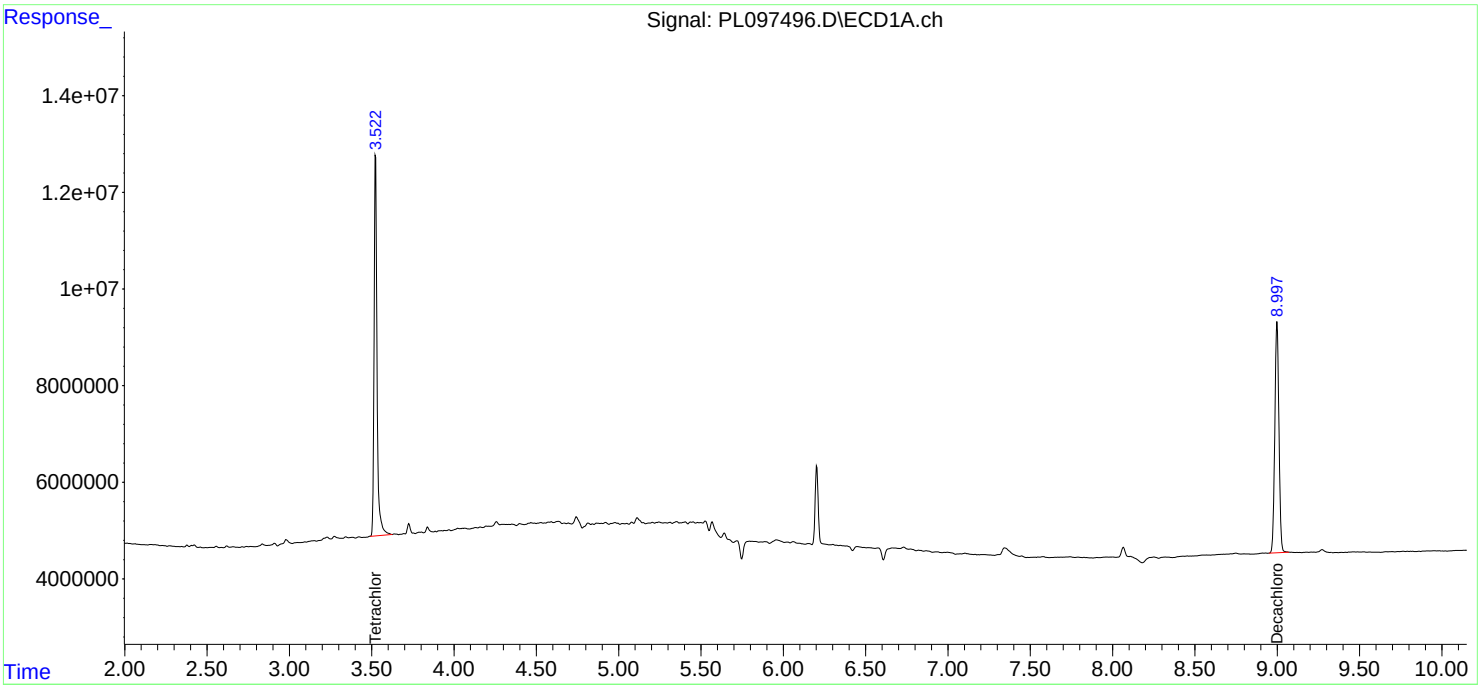
Sample Results: **PL097496.D**

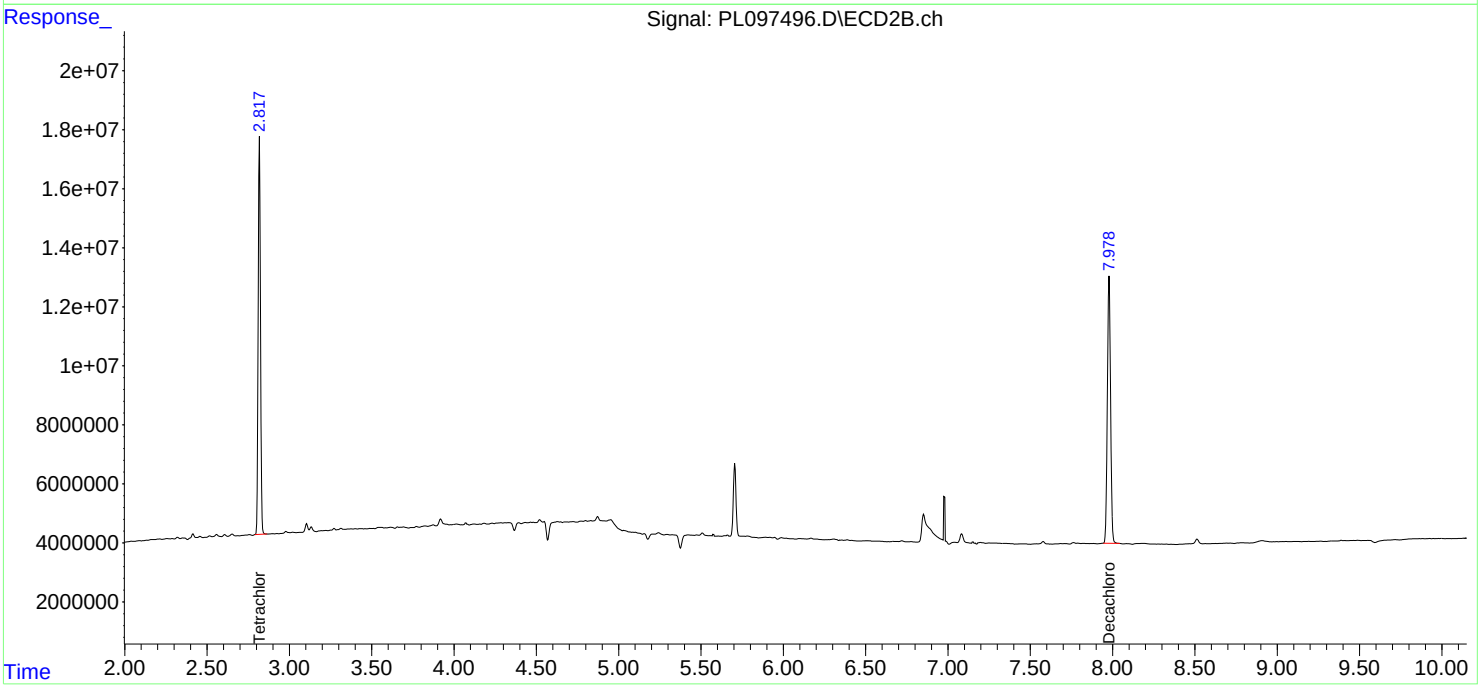
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:16
Operator : AR\AJ
Sample : PB169952BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

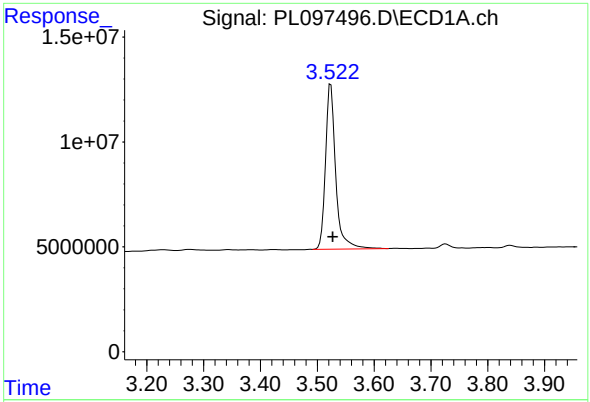
Instrument :
ECD_L
ClientSampleId :
PB169952BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



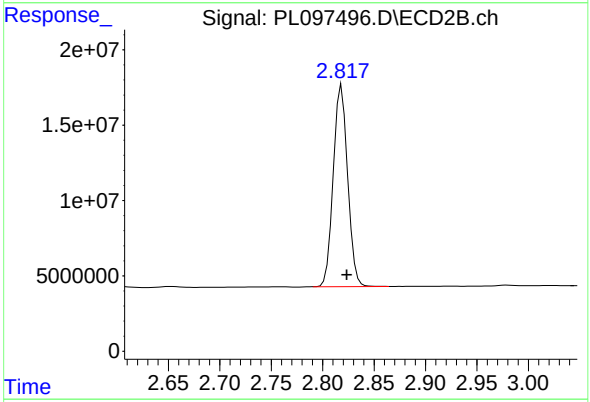




#1 Tetrachloro-m-xylene

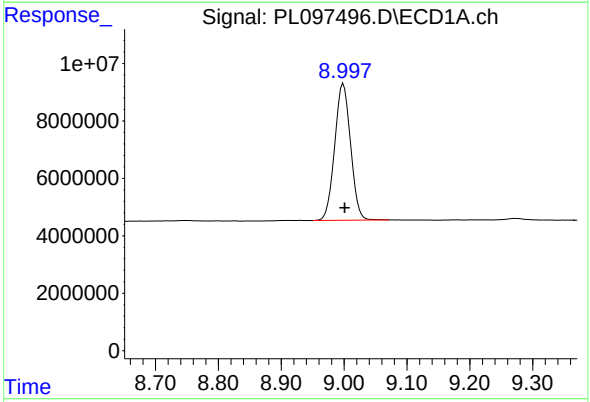
R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 98246895
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BL



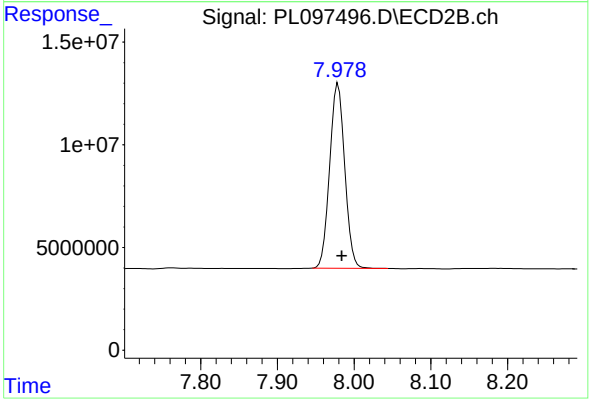
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.005 min
Response: 129852355
Conc: 19.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 83521160
Conc: 25.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 122643918
Conc: 21.55 ng/ml

Raw Data: **PL097268.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

Raw Data: **PL097268.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:25
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	70468568	105.0E6	15.566	15.973
28)	SA Decachlor...	9.001	7.984	56635933	97364753	17.308	17.107
	Target Compounds						

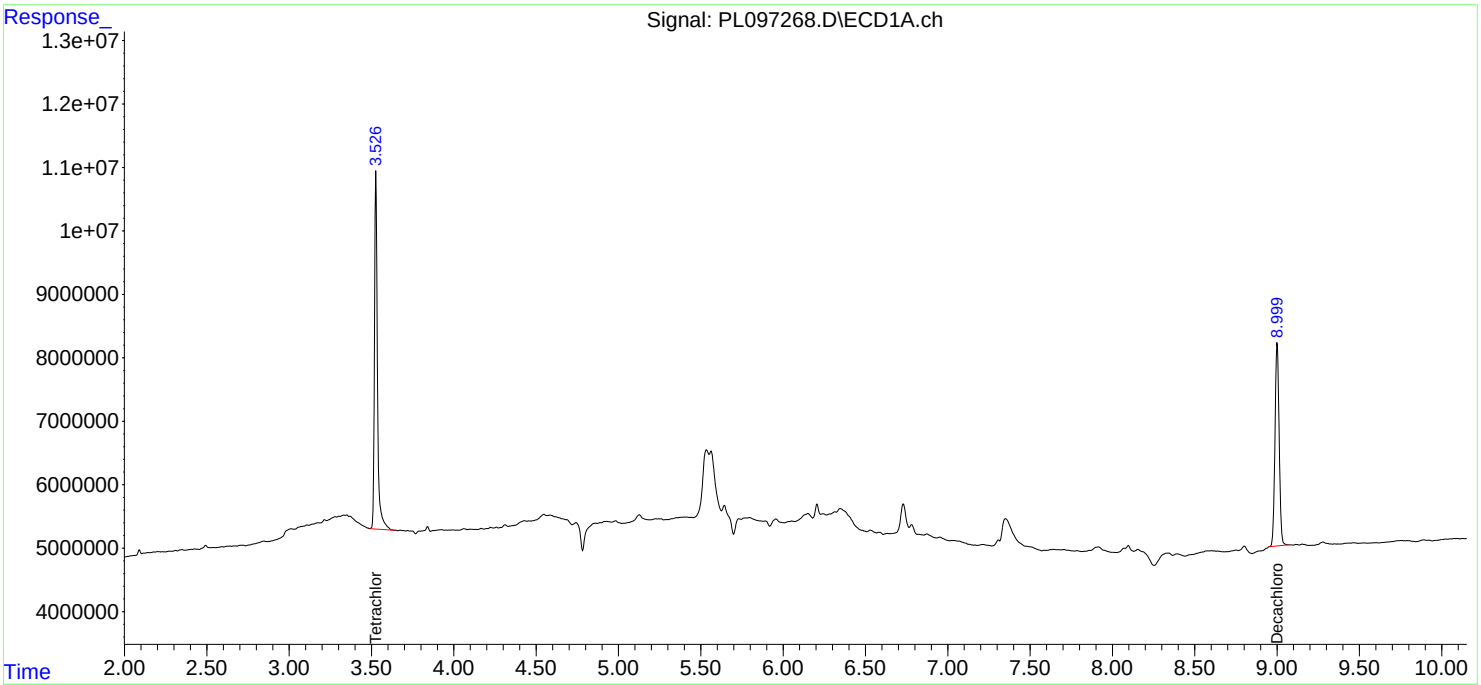
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

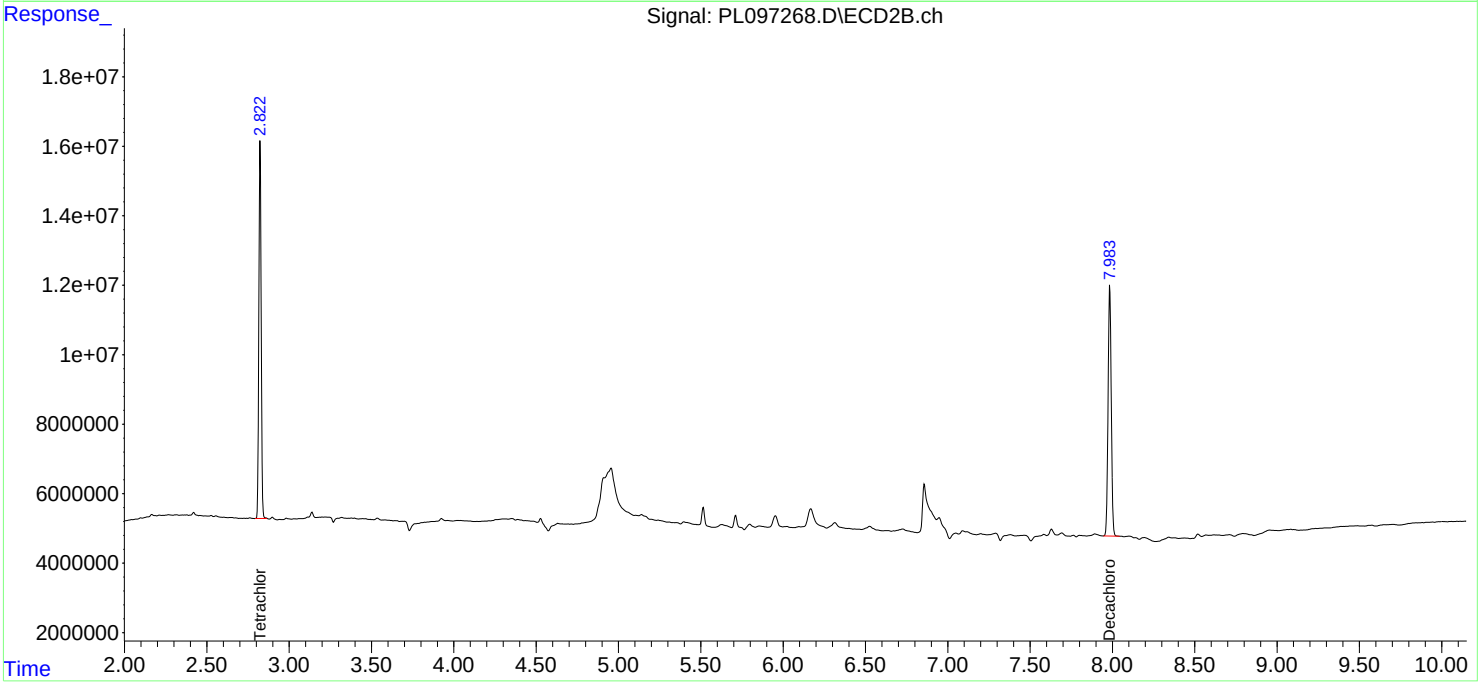
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:25
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

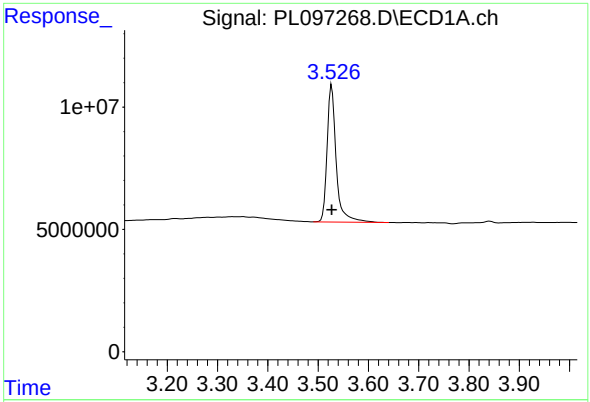
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



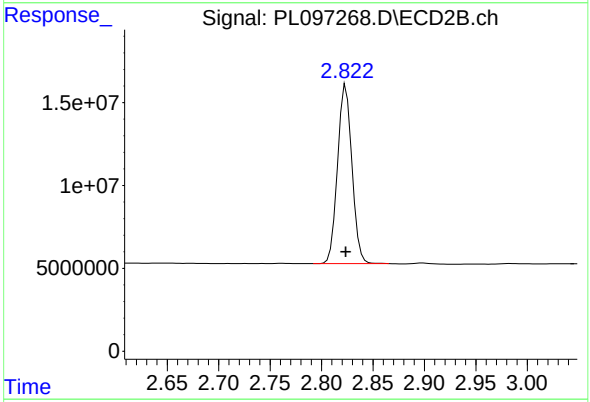




#1 Tetrachloro-m-xylene

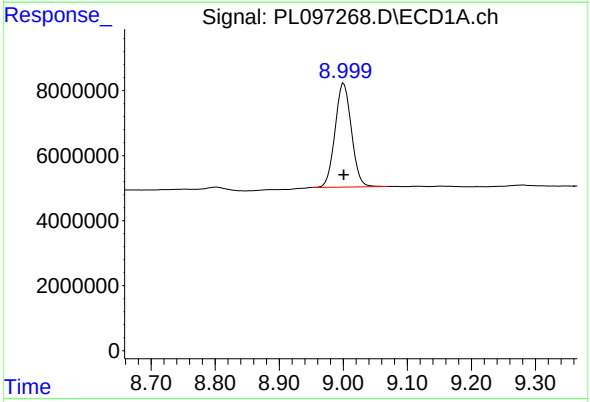
R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 70468568
Conc: 15.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



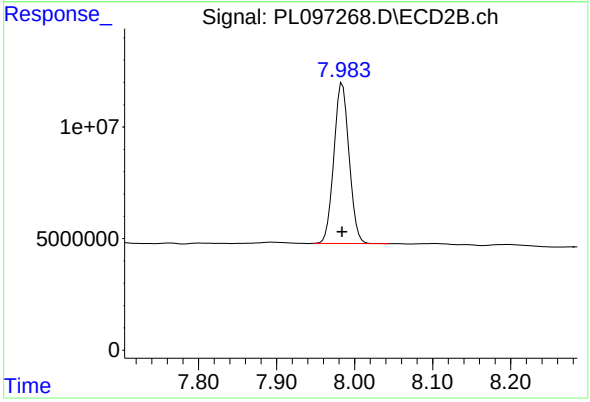
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 105031523
Conc: 15.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 56635933
Conc: 17.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 97364753
Conc: 17.11 ng/ml

Raw Data: **PL097493.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097493.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097493.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097493.D	1		10/02/25	Pl100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.7		57 - 171	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.4		61 - 148	112%	SPK: 20

Raw Data: **PL097493.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097493.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097493.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097493.D	1		10/02/25	Pl100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097493.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:27
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.821	95843706	147.1E6	21.171	22.374
28)	SA Decachlor...	8.995	7.978	83974573	122.1E6	25.663	21.459
	Target Compounds						

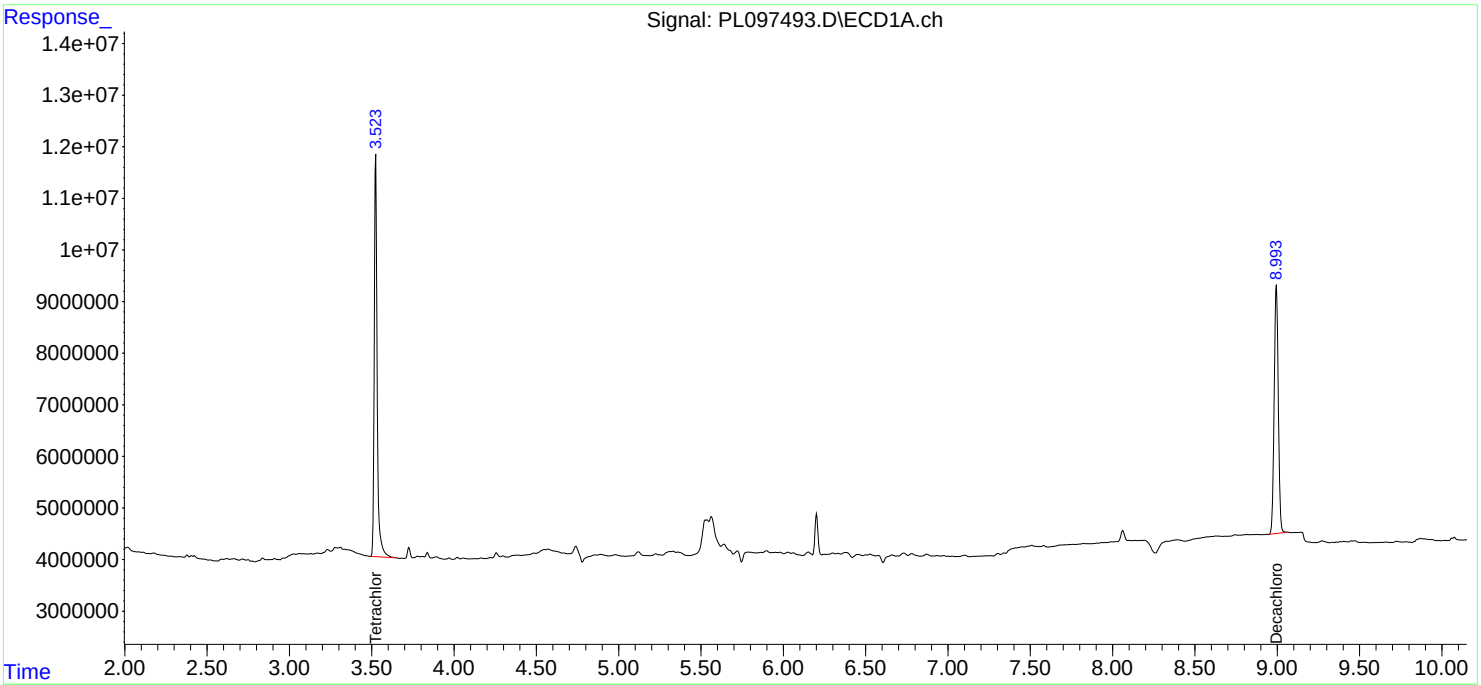
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

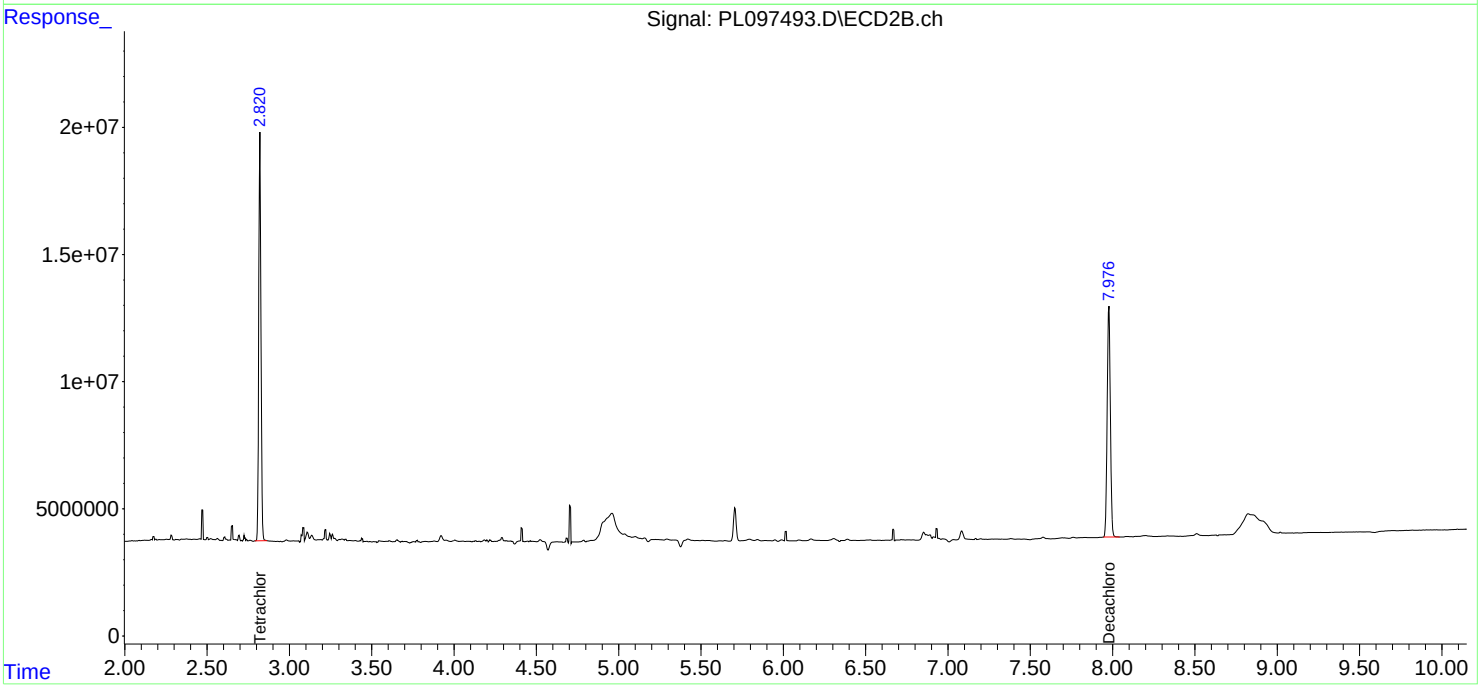
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:27
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

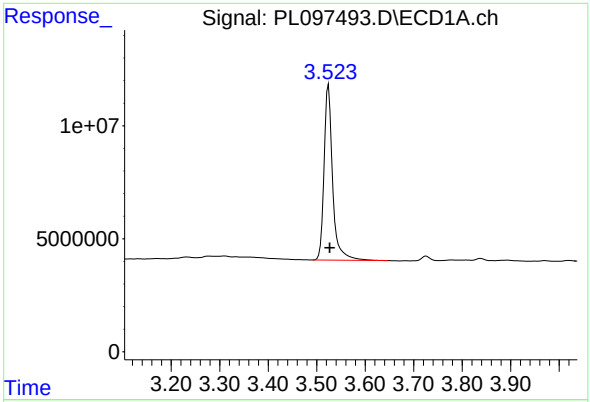
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



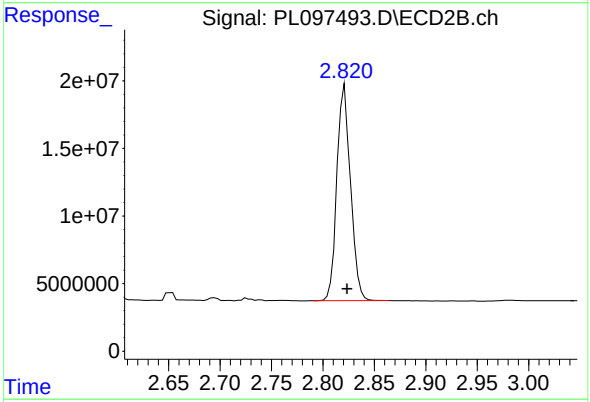




#1 Tetrachloro-m-xylene

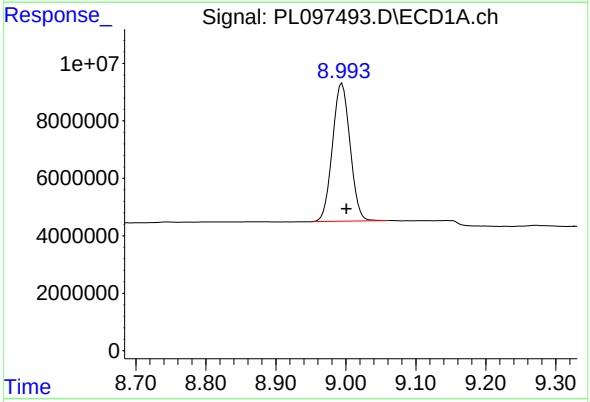
R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 95843706
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



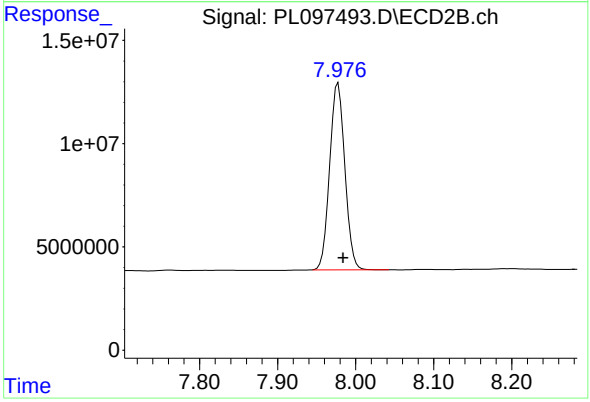
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.002 min
Response: 147119956
Conc: 22.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: -0.006 min
Response: 83974573
Conc: 25.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.006 min
Response: 122135363
Conc: 21.46 ng/ml

Raw Data: **PL097505.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097505.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097505.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097505.D	1		10/02/25	Pl100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.9		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		61 - 148	106%	SPK: 20

Raw Data: **PL097505.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097505.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097505.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097505.D	1		10/02/25	Pl100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097505.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 16:04
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.525	2.823	95986859	132.2E6	21.202	20.107
28)	SA Decachlor...	8.993	7.979	81376354	122.2E6	24.869	21.475
	Target Compounds						

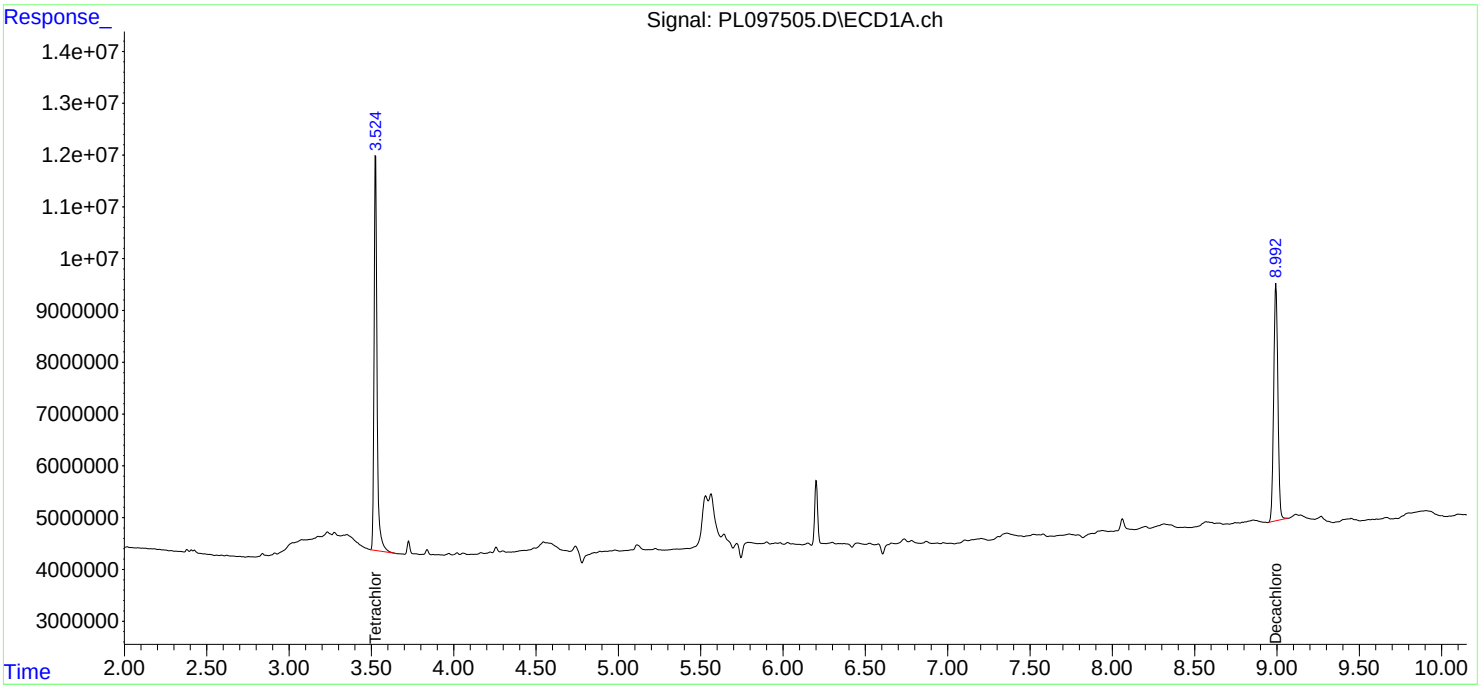
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

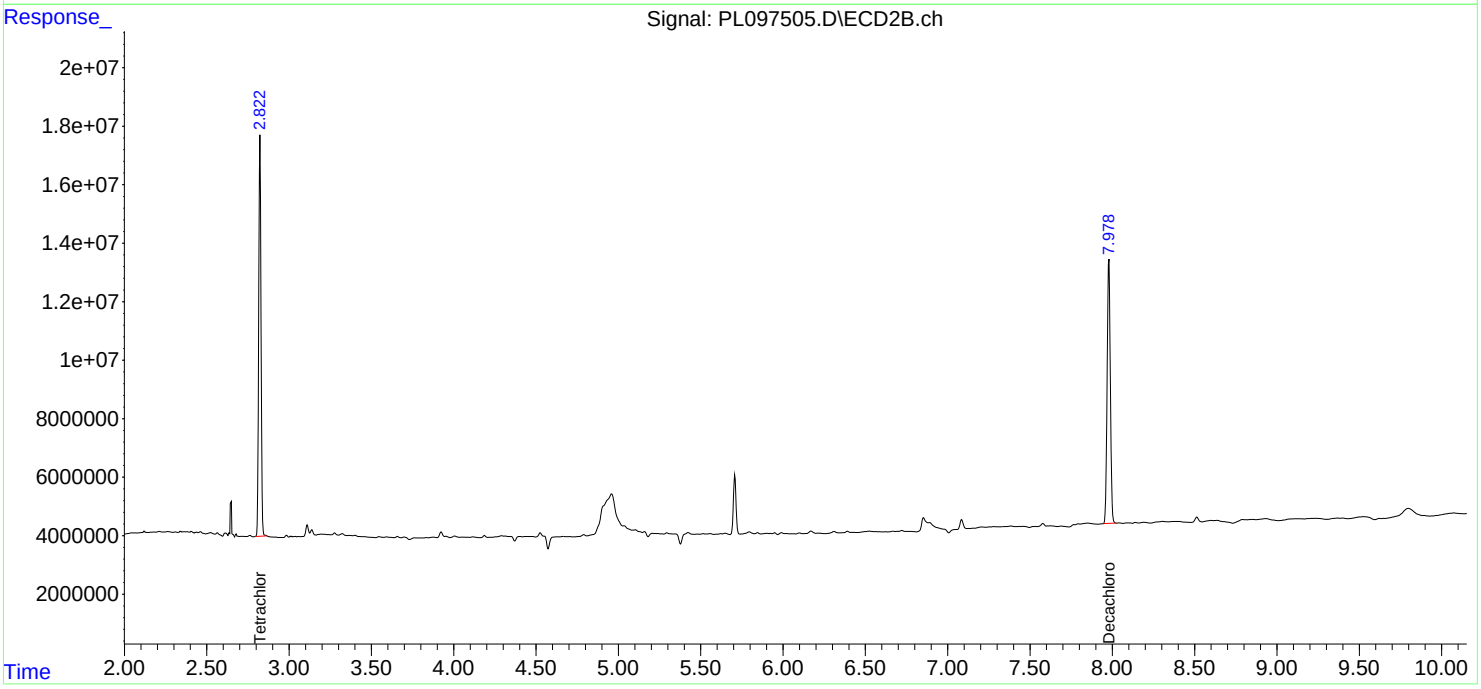
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 16:04
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

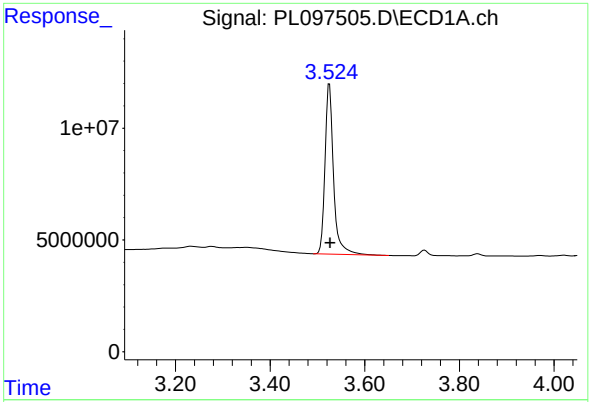
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



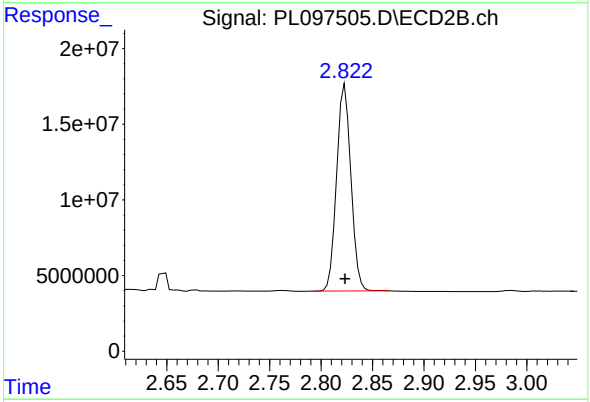




#1 Tetrachloro-m-xylene

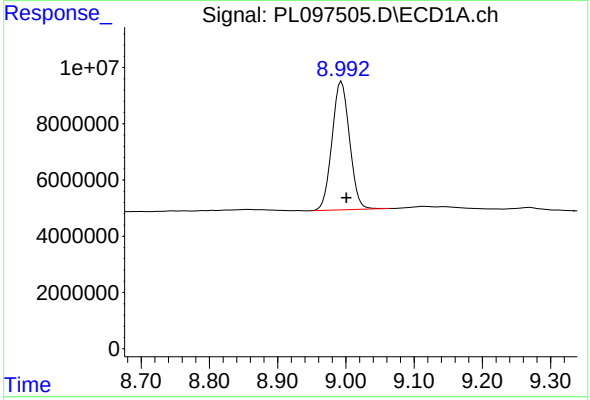
R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 95986859
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



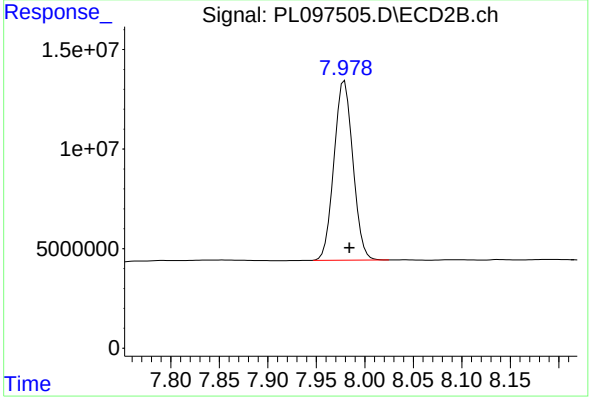
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 132216992
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: -0.007 min
Response: 81376354
Conc: 24.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 122226102
Conc: 21.47 ng/ml

Raw Data: **PL097497.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BS	SDG No.:	Q3266
Lab Sample ID:	PB169952BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097497.D	1	10/02/25 09:36	10/02/25 13:57	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.5		0.13	1.70	ug/kg
319-85-7	beta-BHC	16.2		0.18	1.70	ug/kg
319-86-8	delta-BHC	16.9		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.2		0.14	1.70	ug/kg
76-44-8	Heptachlor	15.6		0.12	1.70	ug/kg
309-00-2	Aldrin	17.5		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.7		0.19	1.70	ug/kg
959-98-8	Endosulfan I	17.3		0.14	1.70	ug/kg
60-57-1	Dieldrin	17.0		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.4		0.14	1.70	ug/kg
72-20-8	Endrin	16.8		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	16.2		0.29	1.70	ug/kg
72-54-8	4,4-DDD	20.1		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	18.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	15.8		0.14	1.70	ug/kg
72-43-5	Methoxychlor	15.5		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	19.0		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	19.4		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.0		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		20 - 144	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		19 - 148	102%	SPK: 20

Raw Data: **PL097497.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BS	SDG No.:	Q3266
Lab Sample ID:	PB169952BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097497.D	1	10/02/25 09:36	10/02/25 13:57	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097497.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:57
Operator : AR\AJ
Sample : PB169952BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169952BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.525	2.820	91896452	125.6E6	20.299	19.105
28)	SA Decachlor...	8.998	7.980	78032902	119.3E6	23.847	20.958
	Target Compounds						
2)	A alpha-BHC	3.972	3.325	345.2E6	461.1E6	49.410	46.304
3)	MA gamma-BHC...	4.299	3.657	322.4E6	425.5E6	48.752	45.677
4)	MA Heptachlor	4.890	4.004	312.4E6	407.5E6	46.829	43.791
5)	MB Aldrin	5.229	4.286	333.1E6	398.4E6	52.593	45.902
6)	B beta-BHC	4.487	3.953	132.9E6	174.9E6	48.765	43.054
7)	B delta-BHC	4.731	4.185	308.1E6	417.7E6	50.778m	45.437
8)	B Heptachlo...	5.649	4.788	288.0E6	365.0E6	50.113	46.014
9)	A Endosulfan I	6.031	5.159	269.4E6	335.3E6	51.995	43.641
10)	B gamma-Chl...	5.902	5.040	286.8E6	385.1E6	50.736m	44.090
11)	B alpha-Chl...	5.983	5.104	289.1E6	374.0E6	50.906	45.055
12)	B 4,4'-DDE	6.152	5.292	249.4E6	352.2E6	52.341m	45.832
13)	MA Dieldrin	6.303	5.423	279.8E6	385.4E6	51.044	47.129
14)	MA Endrin	6.529	5.699	232.2E6	366.1E6	50.337	48.741
15)	B Endosulfa...	6.742	5.990	238.7E6	326.4E6	48.531m	45.909
16)	A 4,4'-DDD	6.663	5.845	227.8E6	309.2E6	60.418	47.948
17)	MA 4,4'-DDT	6.977	6.097	199.9E6	270.5E6	47.285	39.080
18)	B Endrin al...	6.871	6.168	179.2E6	248.4E6	58.131m	46.548
19)	B Endosulfa...	7.105	6.391	221.4E6	319.8E6	54.236	46.689
20)	A Methoxychlor	7.450	6.669	97119123	148.2E6	46.572	39.326
21)	B Endrin ke...	7.585	6.896	241.5E6	389.9E6	56.894	51.775
22)	Mirex	8.062	7.085	165.0E6	250.5E6	46.475	41.901

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

Sample Results: **PL097497.D**

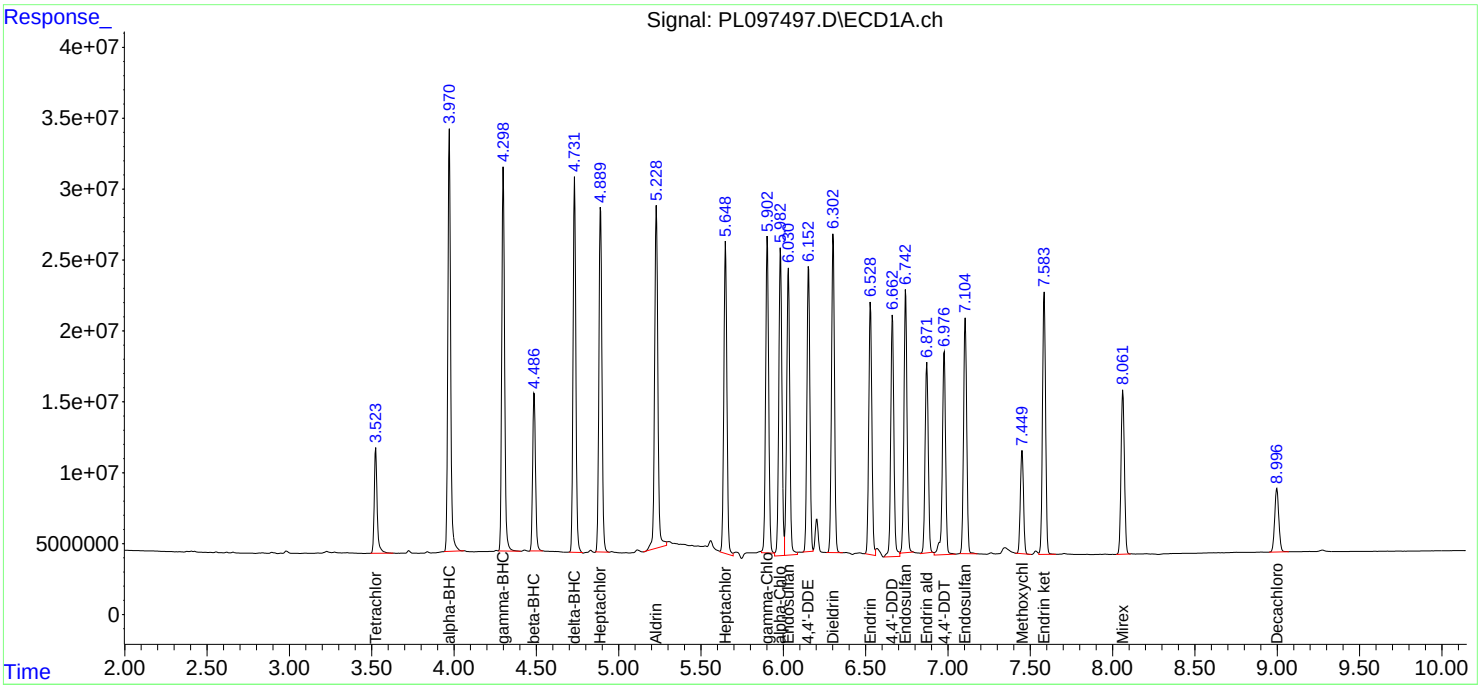
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:57
Operator : AR\AJ
Sample : PB169952BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

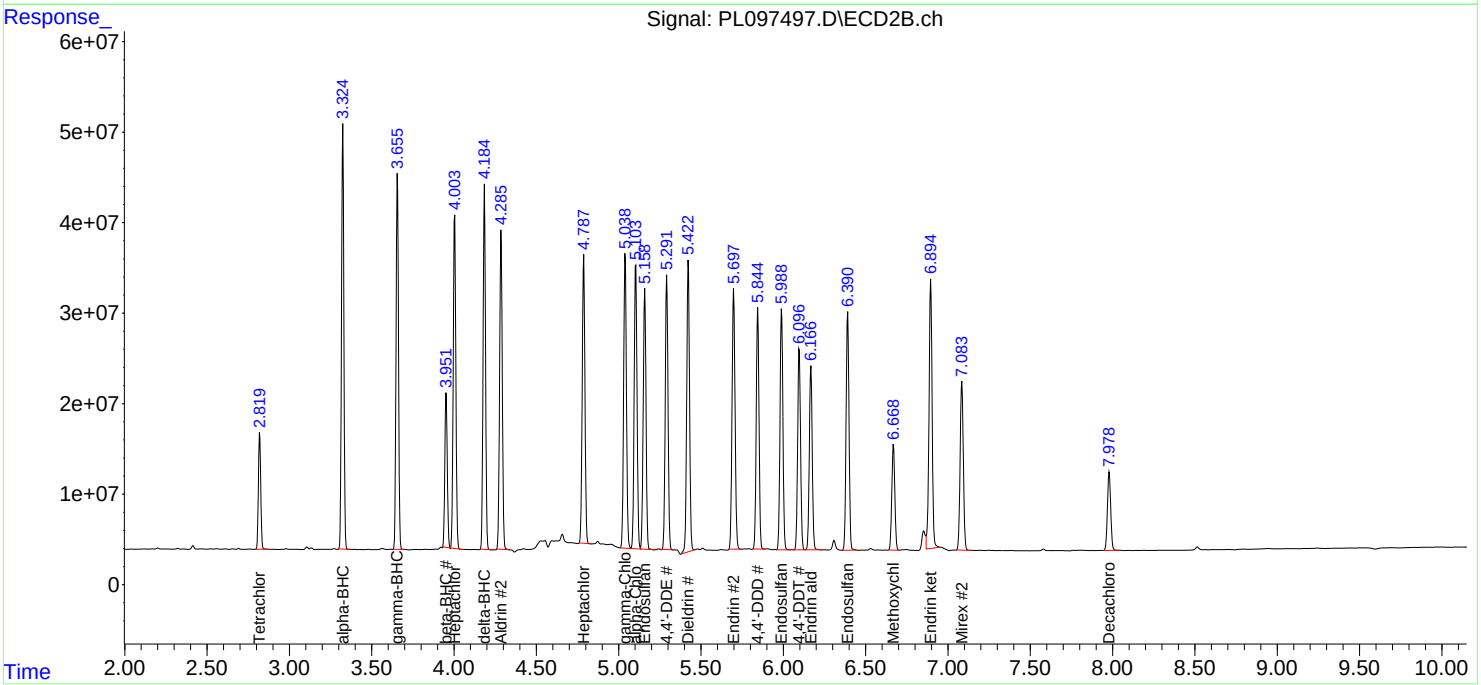
Instrument :
ECD_L
ClientSampleId :
PB169952BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL097503.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097503.D	1	10/02/25 09:36	10/02/25 15:36	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.9		0.16	2.10	ug/kg
319-85-7	beta-BHC	14.0		0.22	2.10	ug/kg
319-86-8	delta-BHC	14.3		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	13.8		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.1		0.15	2.10	ug/kg
309-00-2	Aldrin	13.6		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	14.1		0.24	2.10	ug/kg
959-98-8	Endosulfan I	14.2		0.17	2.10	ug/kg
60-57-1	Dieldrin	14.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	14.8		0.17	2.10	ug/kg
72-20-8	Endrin	14.1		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	13.9		0.36	2.10	ug/kg
72-54-8	4,4-DDD	16.3		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.3		0.16	2.10	ug/kg
50-29-3	4,4-DDT	12.8		0.17	2.10	ug/kg
72-43-5	Methoxychlor	12.8		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	15.5		0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	16.1		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	13.9		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	14.4		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.59		20 - 144	48%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.0		19 - 148	60%	SPK: 20

Raw Data: **PL097503.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097503.D	1	10/02/25 09:36	10/02/25 15:36	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:36
Operator : AR\AJ
Sample : Q3266-01MS (Sig #1); Q3266-02MS (Sig #2)
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.823	53778504	78724801	11.879m	11.972
28)	SA Decachlor...	8.994	7.979	31376772	50825306	9.589	8.930
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	234.5E6	318.5E6	33.557	31.983
3)	MA gamma-BHC...	4.300	3.659	219.6E6	293.2E6	33.203	31.480
4)	MA Heptachlor	4.890	4.006	211.4E6	278.8E6	31.701	29.961
5)	MB Aldrin	5.229	4.288	208.3E6	273.8E6	32.890	31.546
6)	B beta-BHC	4.487	3.955	92249183	122.6E6	33.838	30.191
7)	B delta-BHC	4.731	4.187	210.1E6	285.8E6	34.621m	31.093
8)	B Heptachlo...	5.648	4.790	196.1E6	252.7E6	34.120	31.859
9)	A Endosulfan I	6.030	5.161	177.4E6	238.0E6	34.245	30.970
10)	B gamma-Chl...	5.902	5.042	195.9E6	274.7E6	34.654	31.455
11)	B alpha-Chl...	5.982	5.105	191.1E6	261.4E6	33.647	31.488
12)	B 4,4'-DDE	6.152	5.294	170.8E6	242.3E6	35.844	31.534
13)	MA Dieldrin	6.302	5.425	187.6E6	259.6E6	34.221	31.743
14)	MA Endrin	6.528	5.699	156.7E6	223.4E6	33.961	29.741
15)	B Endosulfa...	6.741	5.991	165.3E6	229.9E6	33.604	32.337
16)	A 4,4'-DDD	6.661	5.846	148.6E6	210.0E6	39.413	32.556
17)	MA 4,4'-DDT	6.975	6.098	130.6E6	187.9E6	30.907	27.148
18)	B Endrin al...	6.870	6.169	119.5E6	164.0E6	38.755	30.736
19)	B Endosulfa...	7.103	6.393	150.7E6	218.1E6	36.901	31.842
20)	A Methoxychlor	7.448	6.670	64670187	100.5E6	31.011	26.674
21)	B Endrin ke...	7.583	6.896	158.9E6	237.3E6	37.440	31.516
22)	Mirex	8.060	7.086	143.4E6	187.5E6	40.395	31.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:36
Operator : AR\AJ
Sample : Q3266-01MS (Sig #1); Q3266-02MS (Sig #2)
Misc :
ALS Vial : 12 Sample Multiplier: 1

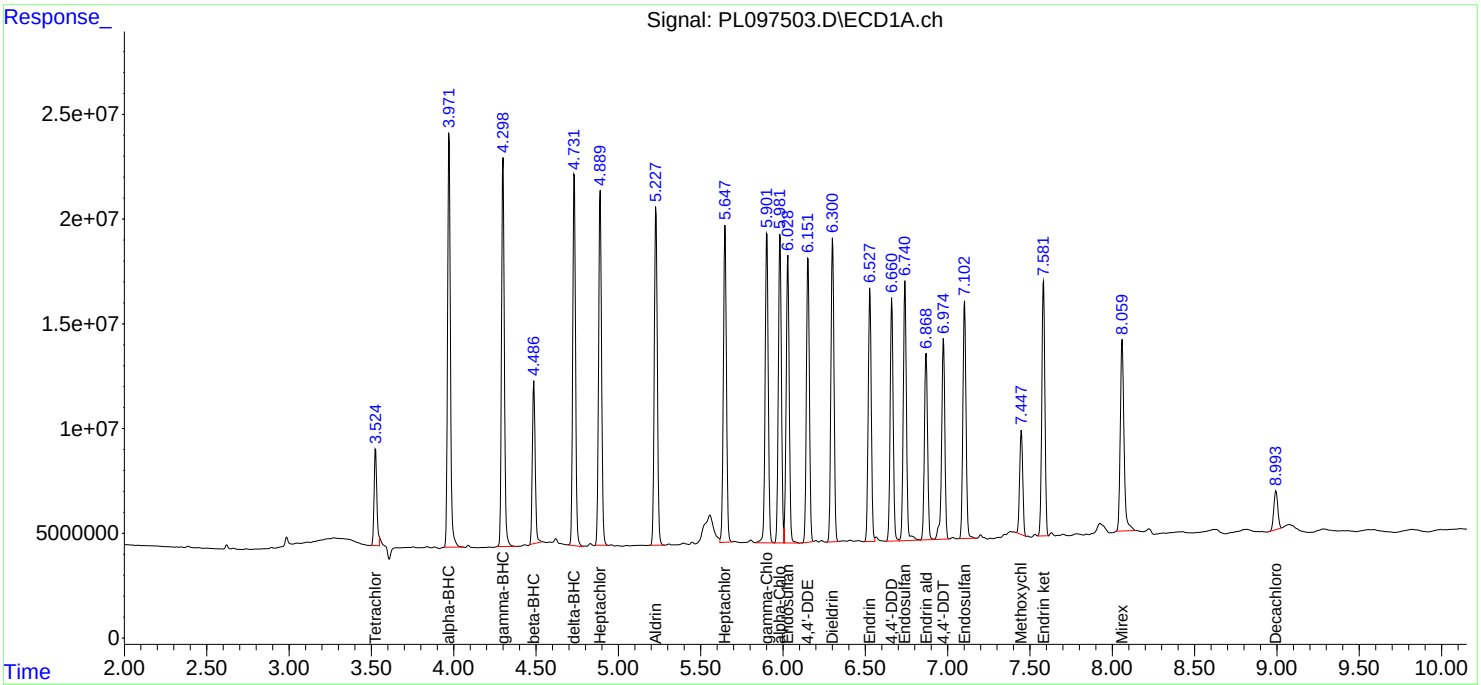
Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

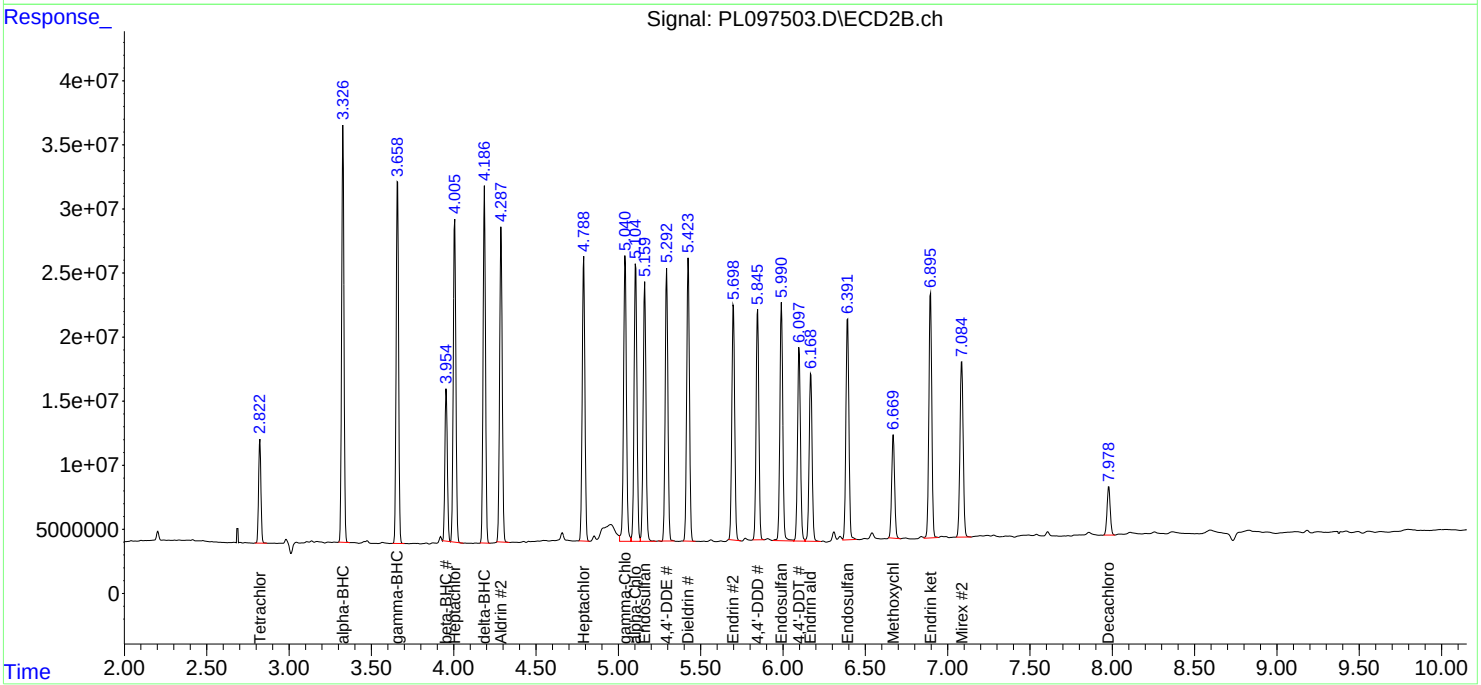
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL097504.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097504.D	1	10/02/25 09:36	10/02/25 15:50	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	14.0		0.16	2.10	ug/kg
319-85-7	beta-BHC	14.1		0.22	2.10	ug/kg
319-86-8	delta-BHC	14.1		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	13.9		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.0		0.15	2.10	ug/kg
309-00-2	Aldrin	13.7		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	14.3		0.24	2.10	ug/kg
959-98-8	Endosulfan I	14.4		0.17	2.10	ug/kg
60-57-1	Dieldrin	14.4		0.17	2.10	ug/kg
72-55-9	4,4-DDE	15.0		0.17	2.10	ug/kg
72-20-8	Endrin	14.0		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	13.9		0.36	2.10	ug/kg
72-54-8	4,4-DDD	16.6		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.4		0.16	2.10	ug/kg
50-29-3	4,4-DDT	13.0		0.17	2.10	ug/kg
72-43-5	Methoxychlor	13.3		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	15.9		0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	16.3		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	14.2		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	14.6		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.5		20 - 144	52%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

Raw Data: **PL097504.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097504.D	1	10/02/25 09:36	10/02/25 15:50	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL097504.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:50
Operator : AR\AJ
Sample : Q3266-01MSD (Sig #1); Q3266-02MSD (Sig #2)
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.823	56802665	75968120	12.547m	11.553
28)	SA Decachlor...	8.995	7.979	34224683	51665740	10.459	9.078
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	236.2E6	322.3E6	33.808	32.368
3)	MA gamma-BHC...	4.299	3.659	221.5E6	298.0E6	33.493	31.994
4)	MA Heptachlor	4.890	4.006	209.3E6	283.6E6	31.373	30.481
5)	MB Aldrin	5.228	4.288	209.1E6	277.9E6	33.020	32.014
6)	B beta-BHC	4.487	3.955	92486264	124.9E6	33.925	30.740
7)	B delta-BHC	4.731	4.187	206.8E6	291.2E6	34.076m	31.676
8)	B Heptachlo...	5.648	4.790	198.2E6	258.6E6	34.482	32.599
9)	A Endosulfan I	6.029	5.160	180.3E6	243.8E6	34.795	31.732
10)	B gamma-Chl...	5.902	5.041	199.3E6	281.3E6	35.261	32.213
11)	B alpha-Chl...	5.982	5.105	194.7E6	267.9E6	34.274	32.273
12)	B 4,4'-DDE	6.152	5.294	172.5E6	248.3E6	36.212	32.307
13)	MA Dieldrin	6.302	5.424	190.1E6	265.2E6	34.682	32.438
14)	MA Endrin	6.528	5.699	155.5E6	228.6E6	33.699	30.434
15)	B Endosulfa...	6.741	5.990	165.4E6	233.6E6	33.632	32.856
16)	A 4,4'-DDD	6.662	5.846	150.9E6	215.6E6	40.016	33.434
17)	MA 4,4'-DDT	6.975	6.098	132.9E6	189.7E6	31.431	27.409
18)	B Endrin al...	6.870	6.169	121.0E6	168.8E6	39.237	31.633
19)	B Endosulfa...	7.103	6.393	152.0E6	223.5E6	37.233	32.635
20)	A Methoxychlor	7.448	6.668	66710487	105.1E6	31.990	27.890m
21)	B Endrin ke...	7.583	6.896	162.9E6	244.7E6	38.381	32.498
22)	Mirex	8.060	7.085	126.5E6	193.6E6	35.625	32.386

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

Sample Results: **PL097504.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:50
Operator : AR\AJ
Sample : Q3266-01MSD (Sig #1); Q3266-02MSD (Sig #2)
Misc :
ALS Vial : 13 Sample Multiplier: 1

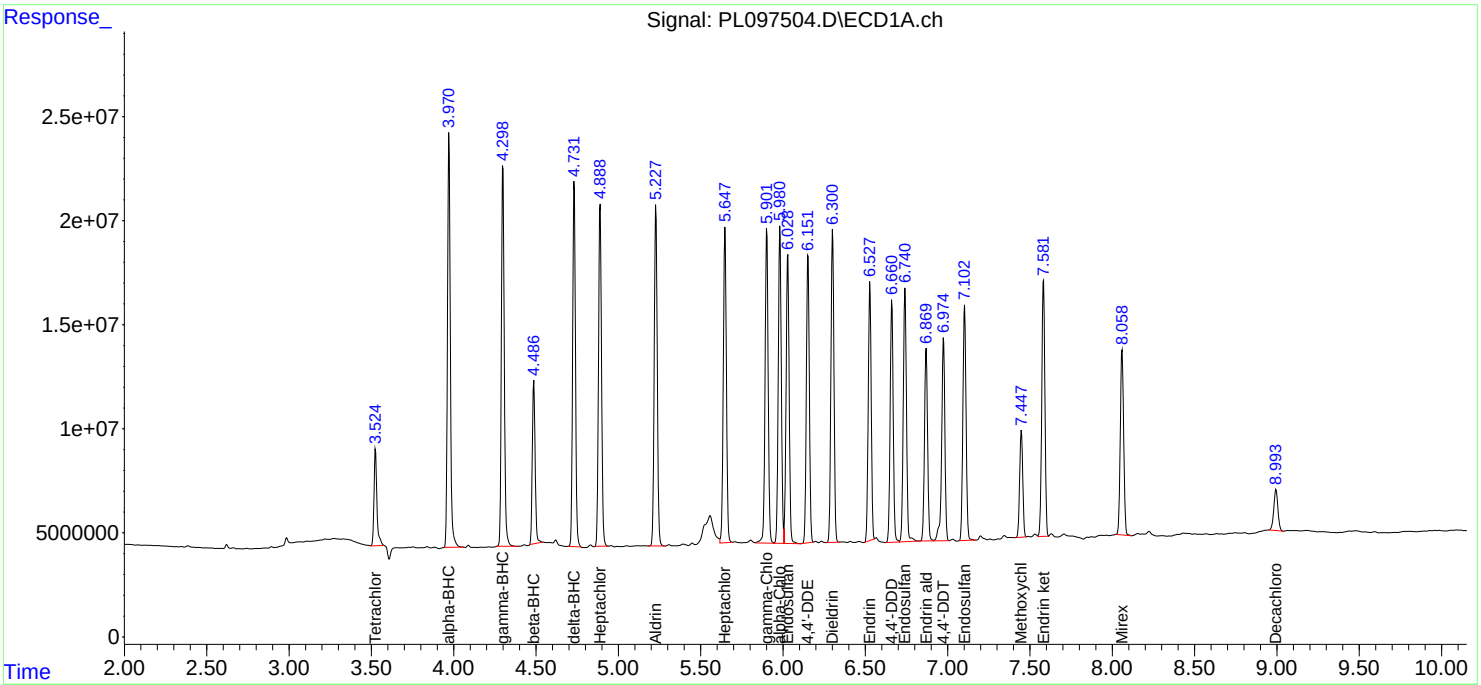
Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMSD

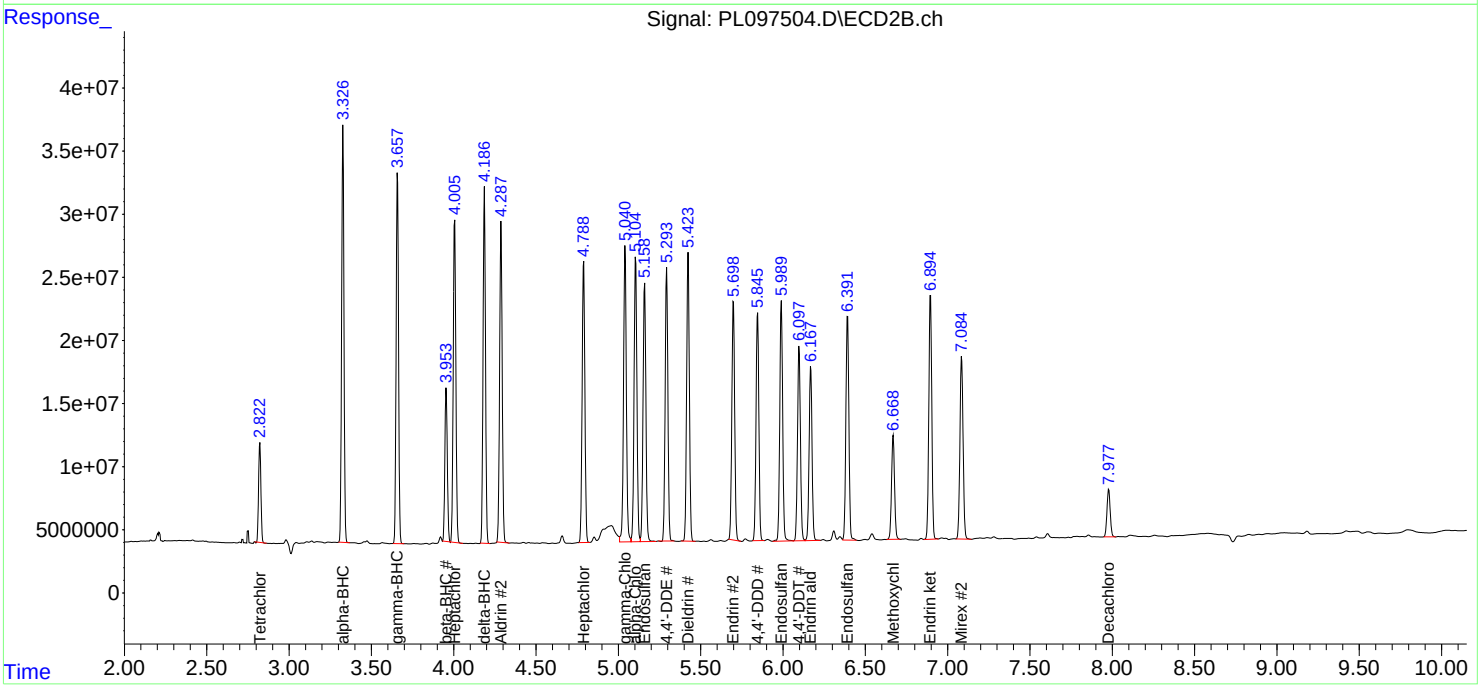
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097269.D	4,4"-DDD	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	4,4"-DDD #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin aldehyde	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin aldehyde #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin ketone	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin ketone #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	alpha-Chlordane #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	delta-BHC	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endosulfan II	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endrin aldehyde #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endrin ketone #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	gamma-Chlordane #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Heptachlor epoxide	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICV050	PL097286.D	4,4"-DDD	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	4,4"-DDE	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	4,4"-DDE #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	alpha-Chlordane	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	delta-BHC	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Dieldrin #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endosulfan I	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endosulfan II	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endrin	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endrin ketone #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	gamma-Chlordane	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Heptachlor epoxide	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Heptachlor epoxide #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PCHLORICV500	PL097287.D	Chlordane-2	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-3	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-4	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-4 #2	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-5	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PTOXICV500	PL097288.D	Toxaphene-1 #2	Abdul	9/22/2025 9:04:35 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PI100225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097494.D	4,4"-DDE	Abdul	10/3/2025 8:41:44 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PEM	PL097494.D	4,4"-DDE #2	Abdul	10/3/2025 8:41:44 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PEM	PL097494.D	Endrin aldehyde	Abdul	10/3/2025 8:41:44 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PEM	PL097494.D	Endrin aldehyde #2	Abdul	10/3/2025 8:41:44 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PEM	PL097494.D	Methoxychlor #2	Abdul	10/3/2025 8:41:44 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	4,4"-DDD	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	4,4"-DDE	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	alpha-Chlordane	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	delta-BHC	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	Dieldrin #2	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	Endosulfan I	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	Endosulfan II	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	Endrin aldehyde	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PI100225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097495.D	Endrin ketone #2	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	gamma-Chlordane	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097495.D	Heptachlor epoxide	Abdul	10/3/2025 8:41:47 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PB169952BS	PL097497.D	4,4"-DDE	Abdul	10/3/2025 8:41:50 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PB169952BS	PL097497.D	delta-BHC	Abdul	10/3/2025 8:41:50 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PB169952BS	PL097497.D	Endosulfan II	Abdul	10/3/2025 8:41:50 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PB169952BS	PL097497.D	Endrin aldehyde	Abdul	10/3/2025 8:41:50 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PB169952BS	PL097497.D	gamma-Chlordane	Abdul	10/3/2025 8:41:50 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01	PL097501.D	Decachlorobiphenyl	Abdul	10/3/2025 8:41:17 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01	PL097501.D	Tetrachloro-m-xylene	Abdul	10/3/2025 8:41:17 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-02	PL097502.D	4,4"-DDE #2	Abdul	10/3/2025 4:03:09 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-02	PL097502.D	Decachlorobiphenyl	Abdul	10/3/2025 4:03:09 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-02	PL097502.D	Endrin	Abdul	10/3/2025 4:03:09 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PI100225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3266-02	PL097502.D	Endrin #2	Abdul	10/3/2025 4:03:09 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-02	PL097502.D	Tetrachloro-m-xylene	Abdul	10/3/2025 4:03:09 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01MS	PL097503.D	delta-BHC	Abdul	10/3/2025 4:02:49 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01MS	PL097503.D	Tetrachloro-m-xylene	Abdul	10/3/2025 4:02:49 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01MSD	PL097504.D	delta-BHC	Abdul	10/3/2025 4:02:47 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01MSD	PL097504.D	Methoxychlor #2	Abdul	10/3/2025 4:02:47 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
Q3266-01MSD	PL097504.D	Tetrachloro-m-xylene	Abdul	10/3/2025 4:02:47 PM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	4,4"-DDD	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	alpha-Chlordane	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	delta-BHC	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	Endosulfan II	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	Endrin aldehyde	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software
PSTDCCC050	PL097506.D	gamma-Chlordane	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PI100225	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097506.D	Heptachlor epoxide	Abdul	10/3/2025 8:42:38 AM	mohammad	10/4/2025 6:35:23	Peak Integrated by Software

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097267.D	18 Sep 2025 16:11	AR\AJ	Ok
2	I.BLK	PL097268.D	18 Sep 2025 16:25	AR\AJ	Ok
3	PEM	PL097269.D	18 Sep 2025 16:39	AR\AJ	Ok,M
4	RESCHK	PL097270.D	18 Sep 2025 16:52	AR\AJ	Ok
5	PSTDICC100	PL097271.D	18 Sep 2025 17:06	AR\AJ	Ok
6	PSTDICC075	PL097272.D	18 Sep 2025 17:19	AR\AJ	Ok
7	PSTDICC050	PL097273.D	18 Sep 2025 17:33	AR\AJ	Ok
8	PSTDICC025	PL097274.D	18 Sep 2025 17:47	AR\AJ	Ok
9	PSTDICC005	PL097275.D	18 Sep 2025 18:00	AR\AJ	Ok,M
10	PCHLORICC1000	PL097276.D	18 Sep 2025 18:14	AR\AJ	Ok
11	PCHLORICC750	PL097277.D	18 Sep 2025 18:28	AR\AJ	Ok
12	PCHLORICC500	PL097278.D	18 Sep 2025 18:41	AR\AJ	Ok
13	PCHLORICC250	PL097279.D	18 Sep 2025 18:55	AR\AJ	Ok
14	PCHLORICC050	PL097280.D	18 Sep 2025 19:08	AR\AJ	Ok
15	PTOXICC1000	PL097281.D	18 Sep 2025 19:22	AR\AJ	Ok
16	PTOXICC750	PL097282.D	18 Sep 2025 19:35	AR\AJ	Ok,M
17	PTOXICC500	PL097283.D	18 Sep 2025 19:49	AR\AJ	Ok
18	PTOXICC250	PL097284.D	18 Sep 2025 20:03	AR\AJ	Ok
19	PTOXICC100	PL097285.D	18 Sep 2025 20:16	AR\AJ	Ok,M
20	PSTDICV050	PL097286.D	19 Sep 2025 08:39	AR\AJ	Ok,M
21	PCHLORICV500	PL097287.D	19 Sep 2025 08:52	AR\AJ	Ok,M

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL097288.D	19 Sep 2025 09:25	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100225

Review By	Abdul	Review On	10/3/2025 4:03:37 PM		
Supervise By	mohammad	Supervise On	10/4/2025 6:35:23 AM		
SubDirectory	PL100225	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097492.D	02 Oct 2025 09:13	AR\AJ	Ok
2	I.BLK	PL097493.D	02 Oct 2025 09:27	AR\AJ	Ok
3	PEM	PL097494.D	02 Oct 2025 09:40	AR\AJ	Ok,M
4	PSTDCCC050	PL097495.D	02 Oct 2025 09:54	AR\AJ	Ok,M
5	PB169952BL	PL097496.D	02 Oct 2025 13:16	AR\AJ	Ok
6	PB169952BS	PL097497.D	02 Oct 2025 13:57	AR\AJ	Ok,M
7	Q3262-02	PL097498.D	02 Oct 2025 14:29	AR\AJ	Ok,M
8	Q3262-05	PL097499.D	02 Oct 2025 14:42	AR\AJ	Ok,M
9	Q3262-08	PL097500.D	02 Oct 2025 14:56	AR\AJ	Ok,M
10	Q3266-01	PL097501.D	02 Oct 2025 15:09	AR\AJ	Ok,M
11	Q3266-02	PL097502.D	02 Oct 2025 15:23	AR\AJ	Ok,M
12	Q3266-01MS	PL097503.D	02 Oct 2025 15:36	AR\AJ	Ok,M
13	Q3266-01MSD	PL097504.D	02 Oct 2025 15:50	AR\AJ	Ok,M
14	I.BLK	PL097505.D	02 Oct 2025 16:04	AR\AJ	Ok
15	PSTDCCC050	PL097506.D	02 Oct 2025 16:17	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097267.D	18 Sep 2025 16:11		AR\AJ	Ok
2	I.BLK	I.BLK	PL097268.D	18 Sep 2025 16:25		AR\AJ	Ok
3	PEM	PEM	PL097269.D	18 Sep 2025 16:39		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL097270.D	18 Sep 2025 16:52		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL097271.D	18 Sep 2025 17:06		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL097272.D	18 Sep 2025 17:19		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL097273.D	18 Sep 2025 17:33		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL097274.D	18 Sep 2025 17:47		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL097275.D	18 Sep 2025 18:00		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL097276.D	18 Sep 2025 18:14		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL097277.D	18 Sep 2025 18:28		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL097278.D	18 Sep 2025 18:41		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL097279.D	18 Sep 2025 18:55		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL097280.D	18 Sep 2025 19:08		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL097281.D	18 Sep 2025 19:22		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL097282.D	18 Sep 2025 19:35		AR\AJ	Ok,M
17	PTOXICC500	PTOXICC500	PL097283.D	18 Sep 2025 19:49		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL097284.D	18 Sep 2025 20:03		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL097285.D	18 Sep 2025 20:16		AR\AJ	Ok,M
20	PSTDICV050	ICVPL092025	PL097286.D	19 Sep 2025 08:39		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL092025	PL097287.D	19 Sep 2025 08:52		AR\AJ	Ok,M
22	PTOXICV500	ICVPL092025	PL097288.D	19 Sep 2025 09:25		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100225

Review By	Abdul	Review On	10/3/2025 4:03:37 PM		
Supervise By	mohammad	Supervise On	10/4/2025 6:35:23 AM		
SubDirectory	PL100225	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097492.D	02 Oct 2025 09:13		AR\AJ	Ok
2	I.BLK	I.BLK	PL097493.D	02 Oct 2025 09:27		AR\AJ	Ok
3	PEM	PEM	PL097494.D	02 Oct 2025 09:40		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL097495.D	02 Oct 2025 09:54		AR\AJ	Ok,M
5	PB169952BL	PB169952BL	PL097496.D	02 Oct 2025 13:16		AR\AJ	Ok
6	PB169952BS	PB169952BS	PL097497.D	02 Oct 2025 13:57		AR\AJ	Ok,M
7	Q3262-02	MOO-25-0280	PL097498.D	02 Oct 2025 14:29		AR\AJ	Ok,M
8	Q3262-05	MOO-25-0281-82	PL097499.D	02 Oct 2025 14:42		AR\AJ	Ok,M
9	Q3262-08	279887	PL097500.D	02 Oct 2025 14:56		AR\AJ	Ok,M
10	Q3266-01	ENV-3-6FT	PL097501.D	02 Oct 2025 15:09		AR\AJ	Ok,M
11	Q3266-02	ENV-4-6FT	PL097502.D	02 Oct 2025 15:23		AR\AJ	Ok,M
12	Q3266-01MS	ENV-3-6FTMS	PL097503.D	02 Oct 2025 15:36		AR\AJ	Ok,M
13	Q3266-01MSD	ENV-3-6FTMSD	PL097504.D	02 Oct 2025 15:50		AR\AJ	Ok,M
14	I.BLK	I.BLK	PL097505.D	02 Oct 2025 16:04		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PL097506.D	02 Oct 2025 16:17		AR\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

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
Q3257-01	ENV1-6FT	1	1.14	10.57	11.71	10.05	84.3	
Q3257-02	ENV2-6FT	2	1.15	10.55	11.7	10.09	84.7	
Q3262-01	PAD-100125	3	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3262-02	MOO-25-0280	4	1.15	10.87	12.02	6.94	53.3	
Q3262-04	MOO-25-0282	5	1.19	11.25	12.44	7.9	59.6	
Q3262-05	MOO-25-0281-82	6	1.16	11.03	12.19	8.19	63.7	
Q3262-07	279887	7	1.18	10.18	11.36	10.00	86.6	
Q3262-08	279887	8	1.12	10.85	11.97	10.6	87.4	
Q3264-01	L23A	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-02	L23B	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-03	L24A	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-04	L24B	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-05	L25A	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-06	L25B	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-07	L26A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-08	L26B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-09	L27A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-10	L27B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-11	L28A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-12	L29A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-13	L30A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-14	L31A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-15	L32A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-16	L33A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-17	L33B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-18	L34A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-19	L34B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-20	245F55-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

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
Q3264-21	245F55-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-22	245F46-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-23	245F46-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-24	245F46-2-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-25	245F46-2-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-01	BC279304-LOZ-END-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-02	BC279304-LOZ-END-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3266-01	ENV-3-6FT	36	1.15	11.10	12.25	10.06	80.3	
Q3266-02	ENV-3-6FT	37	1.14	10.18	11.32	10.00	87.0	

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

WORKLIST(Hardcopy Internal Chain)

lab 373380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3257-01	ENV1-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/30/2025	Chemtech -SO
Q3257-02	ENV2-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/29/2025	Chemtech -SO
Q3262-01	PAD-100125	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-02	MOO-25-0280	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-04	MOO-25-0282	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-05	MOO-25-0281-82	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-07	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-08	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-01	L23A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-02	L23B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-03	L24A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-04	L24B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-05	L25A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-06	L25B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-07	L26A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-08	L26B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-09	L27A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-10	L27B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-11	L28A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-12	L29A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-13	L30A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: JR WC1

Raw Sample Relinquished by: CP SW

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SW

Raw Sample Relinquished by: JR WC1

WORKLIST(Hardcopy Internal Chain)

VB 137380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3264-14	L31A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-15	L32A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-16	L33A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-17	L33B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-18	L34A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-19	L34B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-20	245F55-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-21	245F55-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-22	245F46-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-23	245F46-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-24	245F46-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-25	245F46-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-01	BC279304-LOZ-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-02	BC279304-LOZ-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3266-01	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO
Q3266-02	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: RSB WCL

Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RSB WCL

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

Prep Standard - Chemical Standard Summary

Order ID : Q3266

Test : Pesticide-TCL

Prepbatch ID : PB169952,

Sequence ID/Qc Batch ID: PI100225,

Standard ID :
EP2643,EP2646,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24805,PP24890,

Chemical ID :
E3875,E3927,E3941,E3944,E3951,E3955,E3956,E3962,E3971,E3972,E3974,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13786,P13788,P13789,P13862,P9053,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025

FROM 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2646	09/26/2025	01/28/2026	Evelyn Huang	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 09/26/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

CHEMICAL RECEIPT LOG BOOK

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
phenomenex	FS0006 / Cleanert SPE Silica, 1000 mg/6ml	Z0830QB1	04/18/2026	05/30/2025 / RUPESH	03/13/2025 / RUPESH	E3927

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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

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

CHEMICAL RECEIPT LOG BOOK

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

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

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/10/2027	09/26/2025 / Riteshkumar	09/26/2025 / Riteshkumar	E3974

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

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

CHEMICAL RECEIPT LOG BOOK

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

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

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

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

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

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

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

CHEMICAL RECEIPT LOG BOOK

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

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

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

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

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

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

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

E 3974

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

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

CERTIFICATE OF ANALYSIS

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

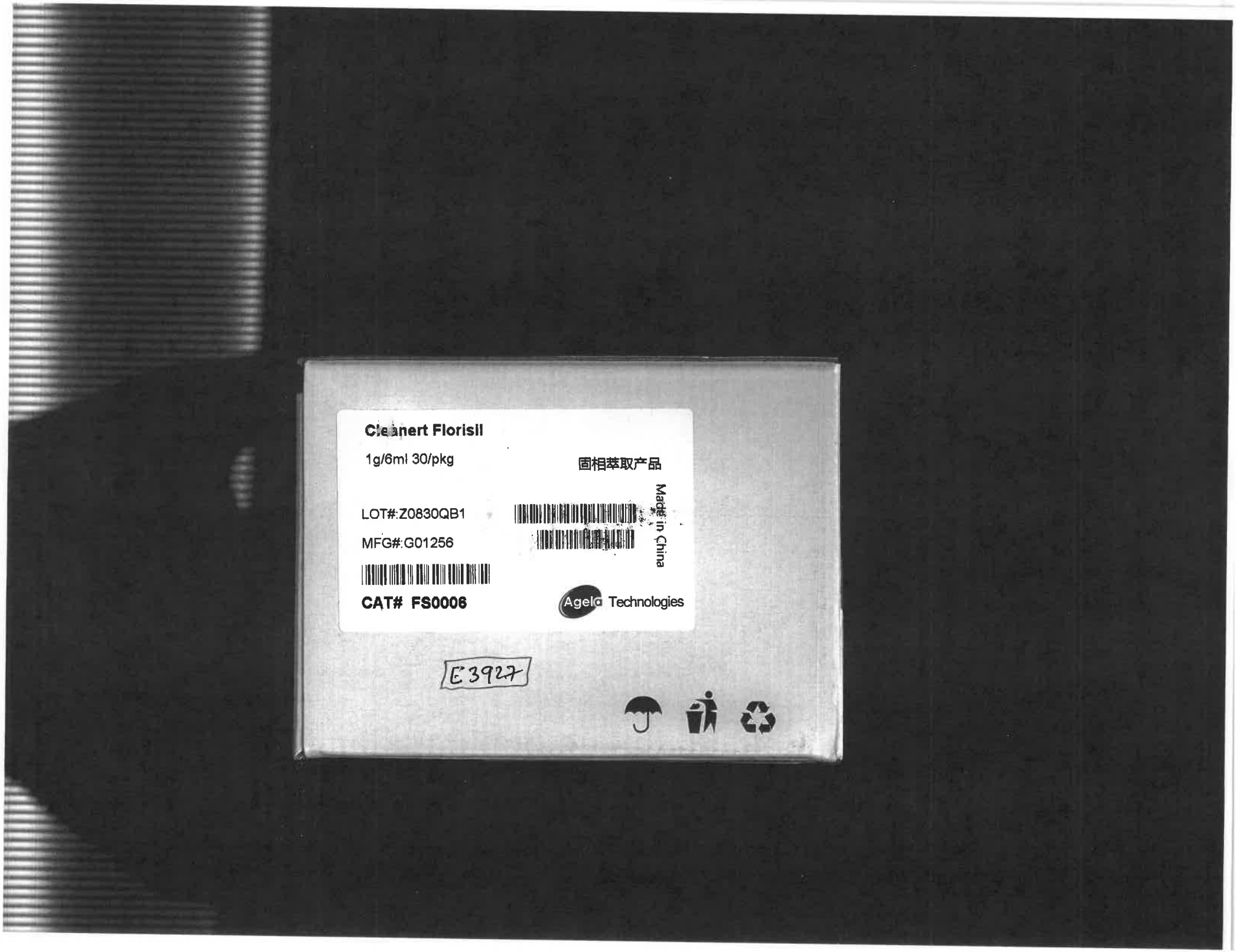
TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals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

COMMENTS

QC: PhC Irma Belmares

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

E 3875


Cleanert Florisil
1g/6ml 30/pkg
固相萃取产品
LOT#:Z0830QB1
MFG#:G01256
Made in China
CAT# FS0006
Agela Technologies
E3927

Certificate of Analysis

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

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

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

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

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

Harout Sahagian - Quality Control Manager - Fair Lawn

Recd. by RI on 6/11/25

E3941

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

E3944

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

Recieved on 7/16/25

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

E 3955

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

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

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

Recieved on 7/16/25

E3956

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

Recieved on 7/30/25

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

E3962

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

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

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

E3972

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

P130397 } 5
↓
P130431

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

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

12.26.2023

CERTIFIED VALUES

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

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

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

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

P 13039 5
↓
P 13043 1
12/26/23

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

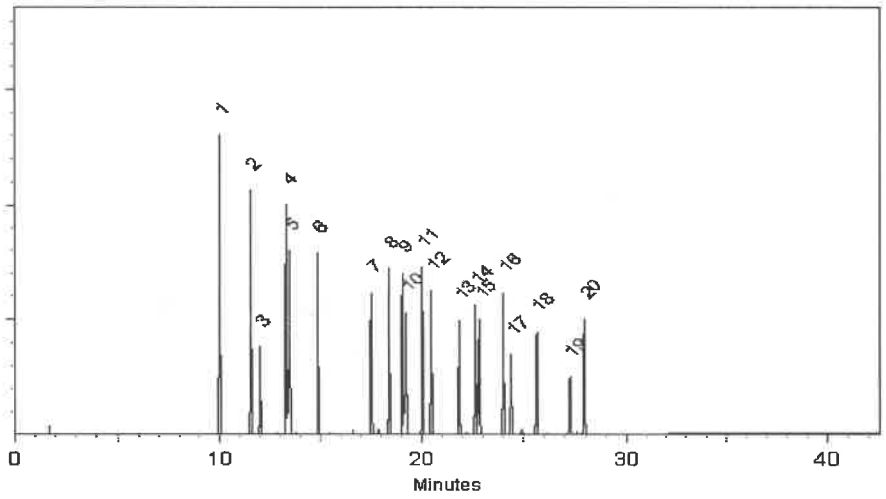
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Josh McCloskey - Operations Technician I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

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

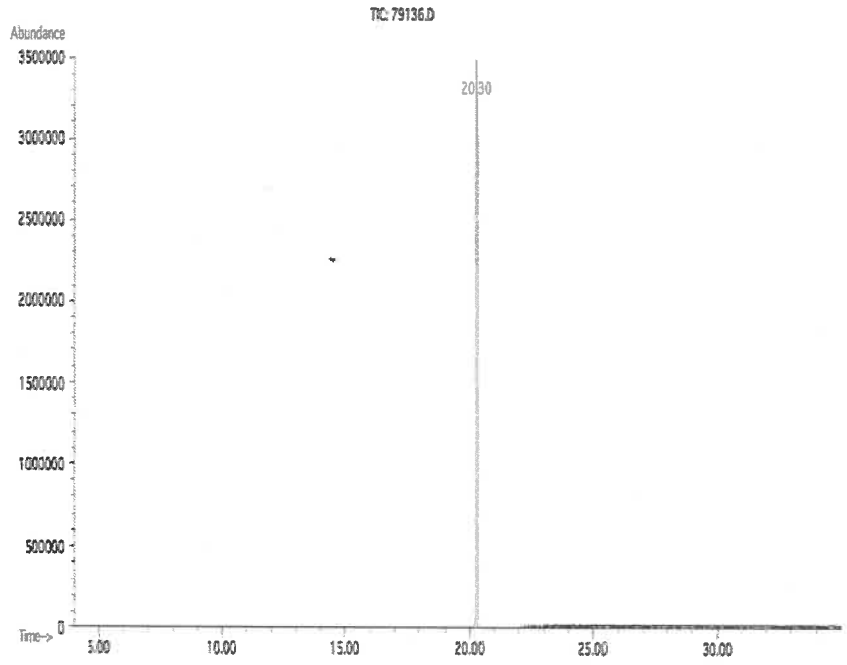
Expiration Date: 042027
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.006 Flask Uncertainty

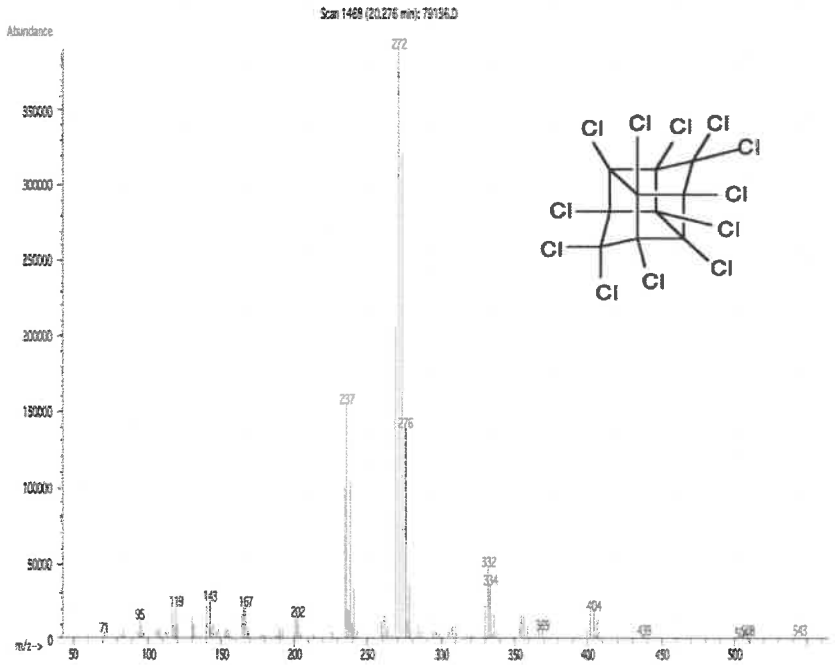
Prashant Chauhan 042022
Formulated By: Prashant Chauhan DATE

Pedro Rentas 042022
Reviewed By: Pedro L. Rentas DATE

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

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





P13195
↓
P13199
↓
(5)
|

01/17/2024

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

P13195
↓
P13199

5

0/17/2024

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

P12603 (3)
↓
P12605
7/3/2023

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

Description : Chlordane Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

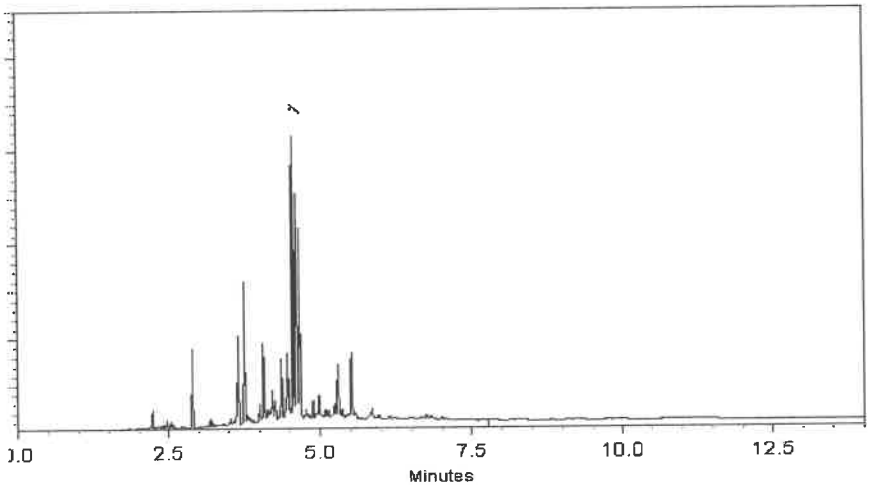
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Morgan Craighead - Mix Technician

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P12603 & P12605 (3)

7/3/2023

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Chlordane Standard

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

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

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

Ship: Ambient

P12606 → P12610 (5 Five) 7/3/2023

CERTIFIED VALUES

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

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

Solvent: Hexane

CAS # 110-54-3

Purity 99%

Tech Tips:

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

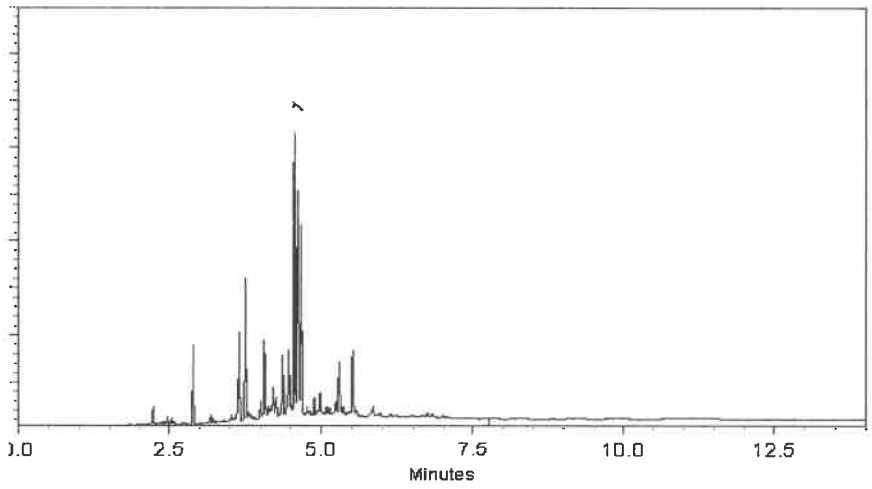
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Morgan Craighead - Mix Technician

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12606 → P 12610

7/3/2023

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

P 13034 ↓ P 13038 5

12.26.2023

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

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

P13034) 5
↓
P13038 1

12/26/2023

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

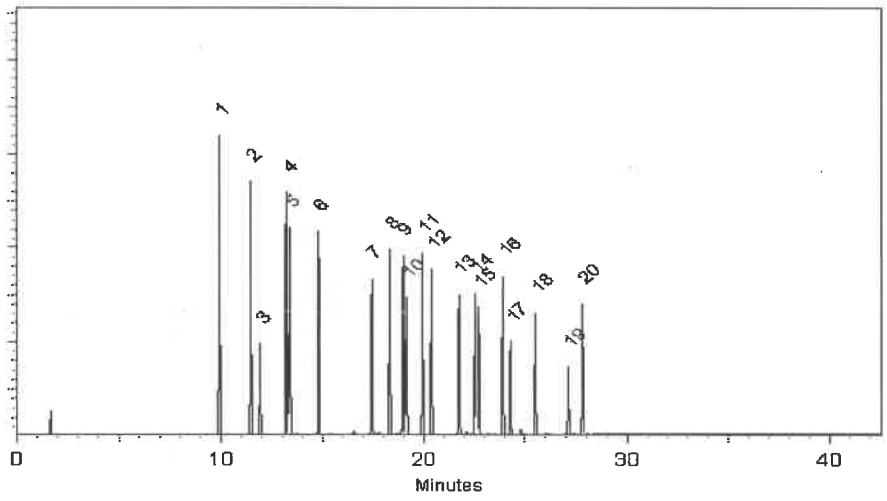
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19161
Lot Number: 013124
Description: CLP Pesticides & PCB's Resolution Check Standard
9 components

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

Expiration Date: 013129
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 100.0 ± 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	013124 DATE
Reviewed By:	Pedro L. Rentas	013124 DATE

	Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(ug/mL)	Final Conc.(ug/mL)	Expanded Uncertainty (+/-) µg/mL	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	orl-rat 500mg/kg
2.	Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	orl-rat 18mg/kg
3.	4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	orl-rat 880mg/kg
4.	Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	orl-rat 38300ug/kg
5.	Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	orl-rat 18mg/kg
6.	Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7.	4,4'-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	orl-rat 6000mg/kg
8.	2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9.	Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

P13243 } (5)
thru
P13247

02/9/2024

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Toxaphene Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

P13773
↓
P13779
AT
11/19/24

05-06-2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

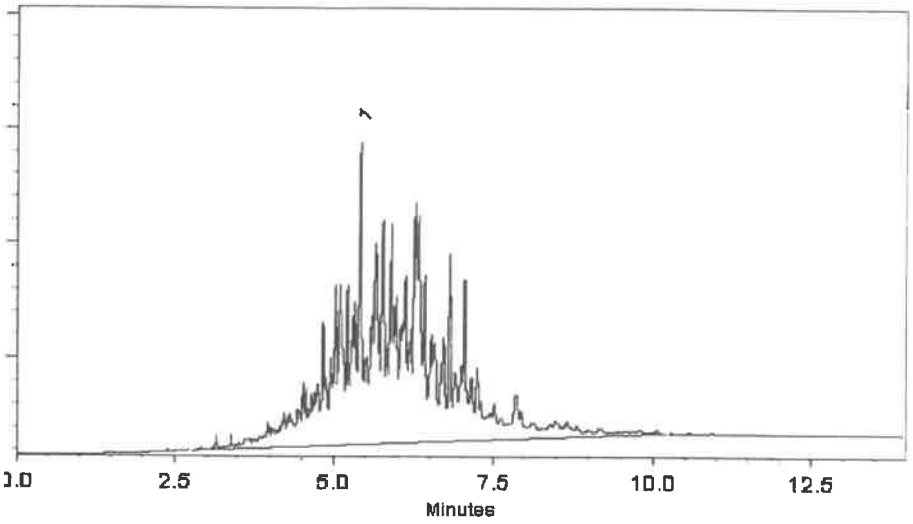
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Dakota Parson - Operations Technician I **Date Mixed:** 10-Oct-2023 **Balance Serial #** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 16-Oct-2023

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

P13380 (2)

P13389

P13773 → P13779

AJ 11/19/24

05-06-2024

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

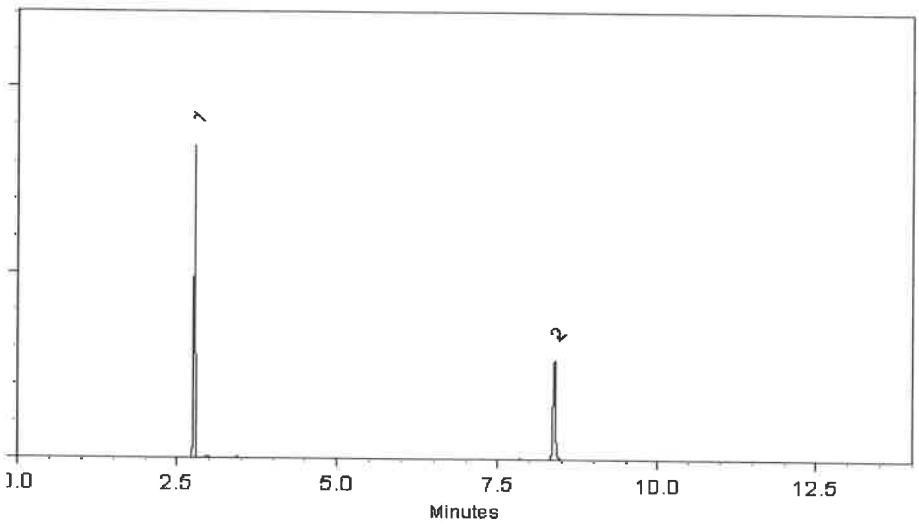
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Aaron Enyart - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

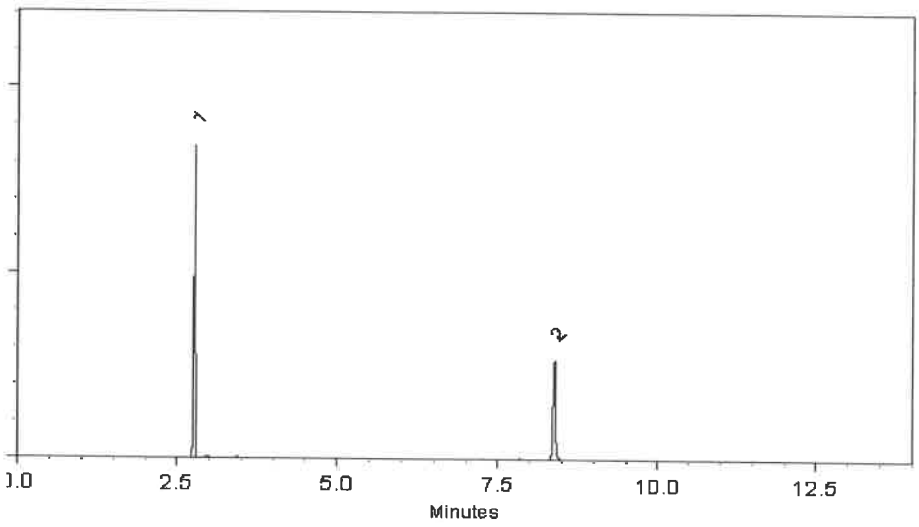
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Aaron Enyart - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

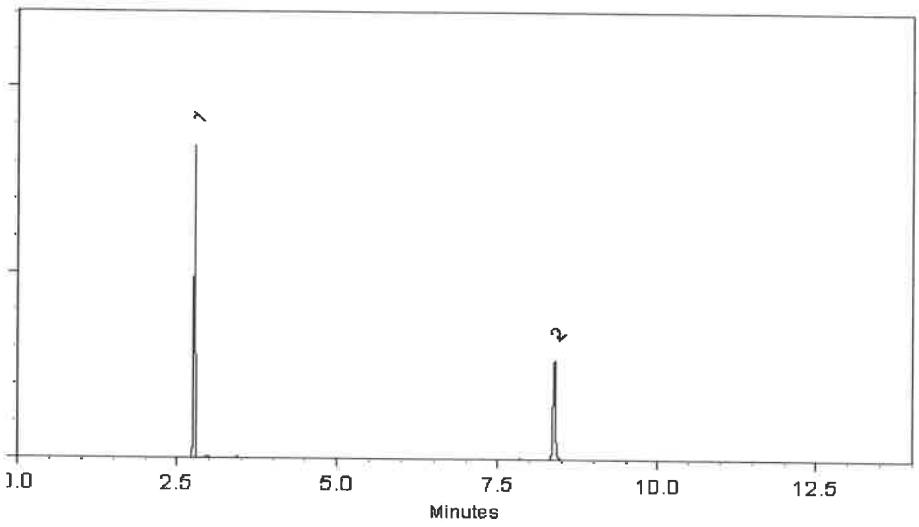
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Aaron Enyart - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

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

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

P13861
P13862 (2)

12/9/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

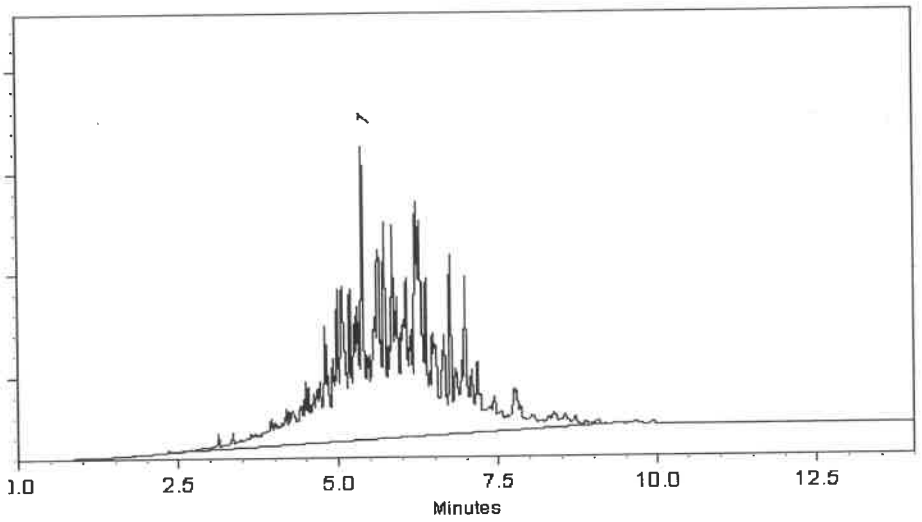
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

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

P13861 } (2
P13862 }

12/9/2024

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ISO 17034 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT

Part Number: 72072
Lot Number: 112018
Description: n-Tetracosane-d50

Expiration Date: 112028
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 2684186
Weight(s) shown below were combined and diluted to (mL): 200.0

Solvent(s): **Lot#**
Methylene chloride 102669

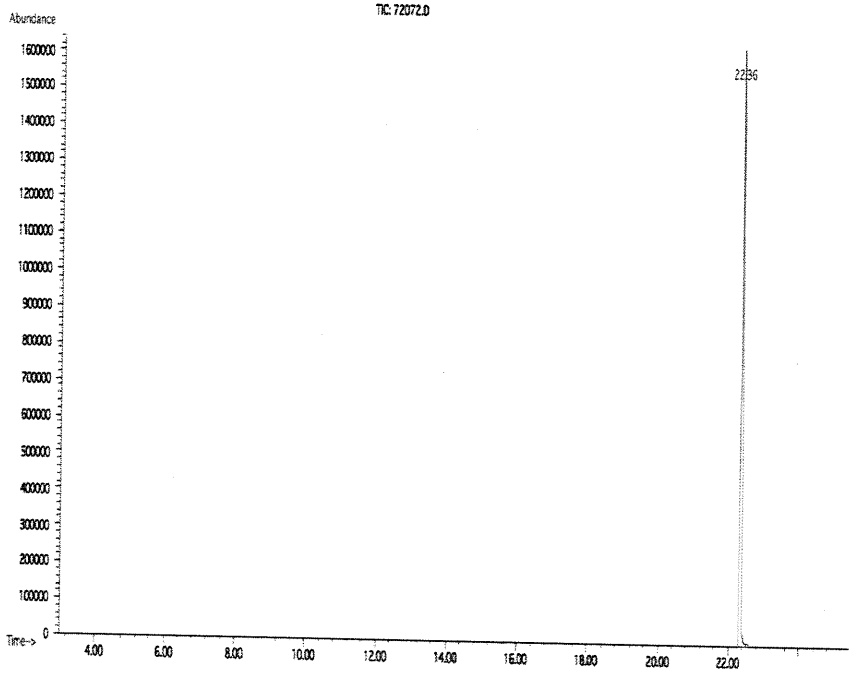
Received by SG on 11/1/19
P9044 - P9053

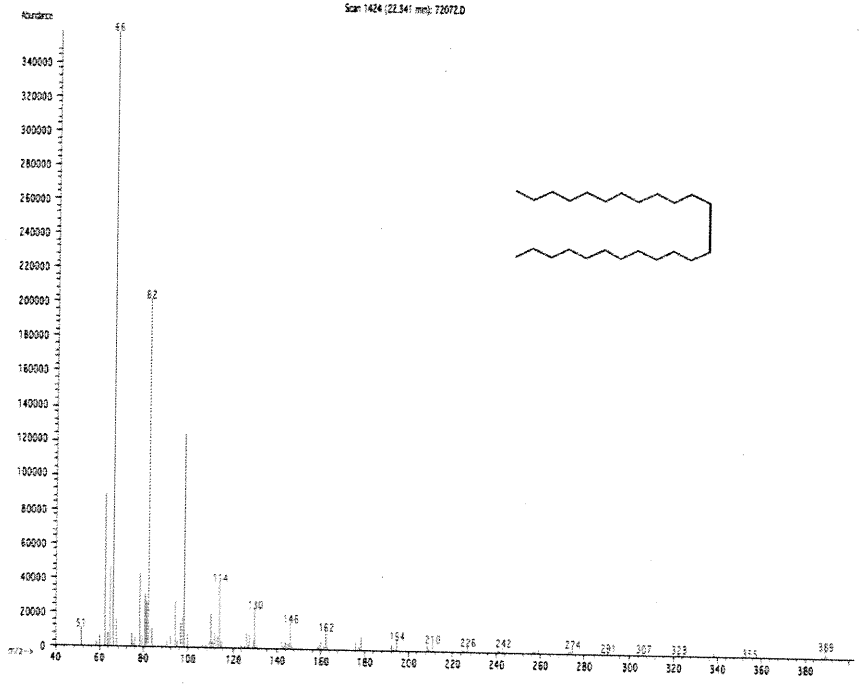
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	112018 DATE
Reviewed By:	Pedro Rentas	112018 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	16416-32-3	N/A	N/A

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.





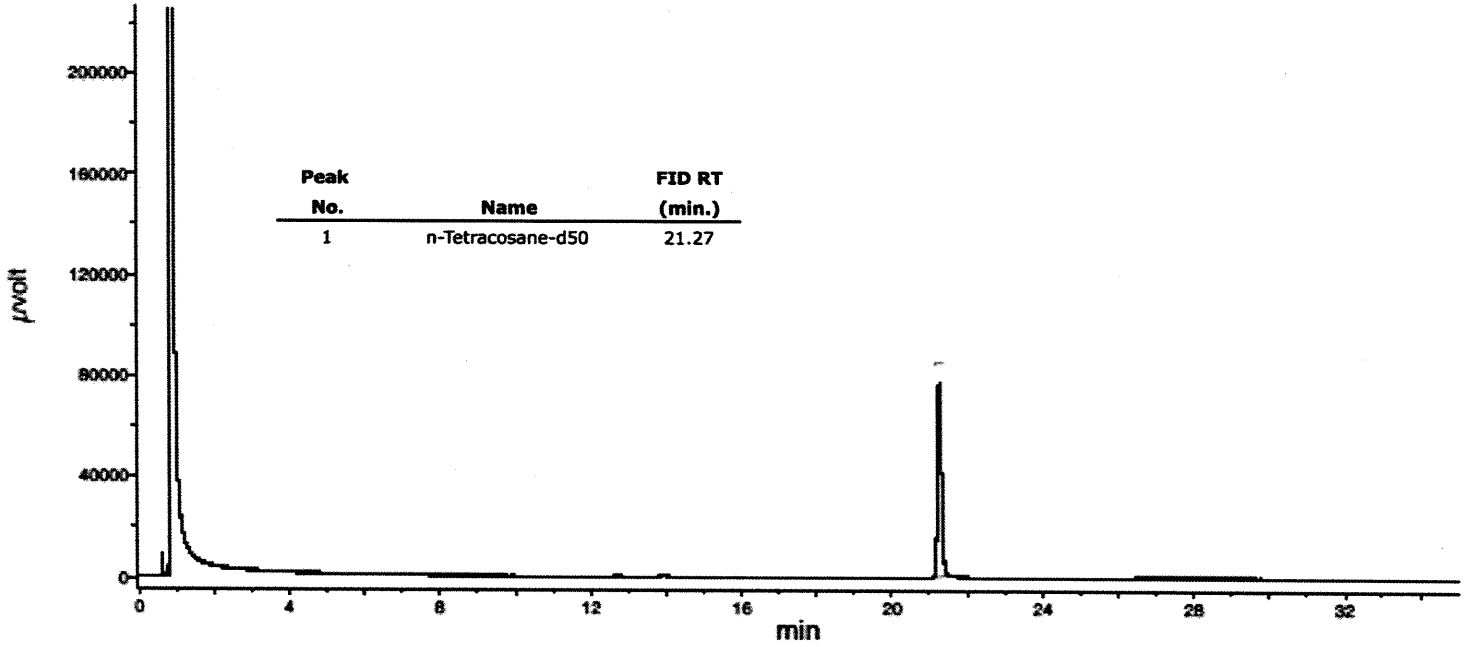
- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated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

Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.
Created: Thu, Nov 22, 2018 at 7:23:18 AM.
Sampled: Sequence "112018-GC4M1", Method "GC4-M1".
Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5um Film Thickness
Flow rates; Total Flow = 300 ml/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) =360 mL
Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.
Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDaq Channel 1.
Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 uL, Range = 3



Peak No.	Name	FID RT (min.)
1	n-Tetracosane-d50	21.27

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3266
COC Number 2045358

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 908-642-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: MECoCJOWTPPFAS- Geotech ENV
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 Fieldcrest Ave, #8, 6th Floor
CITY Edison STATE: NJ ZIP:
ATTENTION: Marcie Encinas PHONE: 908-642-5565

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☒ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1: TCL VOC+10
2: TCL SVOC +20
3: TAL Metal
4: Mercury
5: PCB
6: TCL Pesticide
7: Herbicide
8: EPH
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	ENV-3 /6ft	Soil		X	10/1/25	7:50	4	X	X	X	X	X	X	X	X		
2.	ENV-4 /6ft	Soil		X	10/1/25	11:00	4	X	X	X	X	X	X	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. M.H.	10/1/25 1410	1.
2.		2.
3.	10/1/25 1500	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 4.7 °C
Comments:

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete
❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3266 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 10/1/2025 3:15:00 PM
Project Name : MWCO CJO WTP Edison 2
Receive DateTime : 10/1/2025 3:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q3266-01	ENV-3-6FT	Solid	10/01/2025	07:50						
					VOC-TCLVOA-10		8260D	10 Bus. Days		
Q3266-02	ENV-4-6FT	Solid	~~10/01/2025~~ 10/02/2025	11:00						
					VOC-TCLVOA-10		8260D	10 Bus. Days		

T8 [illegible]

Stored in VOA [illegible] #02 and Extract [illegible] #06

Relinquished By : [signature]
Date / Time : 10/1/25 1530

Received By : [signature]
Date / Time : 10-1-25 15:35

Storage Area : VOA Refridgerator Room