

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100925\
 Data File : PL097586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 12:44
 Operator : AR\AJ
 Sample : Q3313-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-360

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/10/2025
 Supervised By : mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 06:58:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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...	3.523	2.823	68279631	94352635	16.749m	15.502
28)	SA Decachlor...	8.993	7.977	44224716	68230961	14.872m	13.149m
Target Compounds							
4)	MA Heptachlor	4.888	4.005	7031278	10591389	1.090m	1.152
8)	B Heptachlo...	5.646	4.789	121.2E6	156.6E6	20.821m	19.824
10)	B gamma-Chl...	5.901	5.041	197.8E6	290.5E6	36.451	33.417
11)	B alpha-Chl...	5.983	5.105	442.8E6	484.1E6	81.594	58.137 #
13)	MA Dieldrin	6.300	5.423	7417386	24604480	1.410m	2.976m#
17)	MA 4,4'-DDT	6.975	6.097	15814460	30431304	3.900	4.567

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

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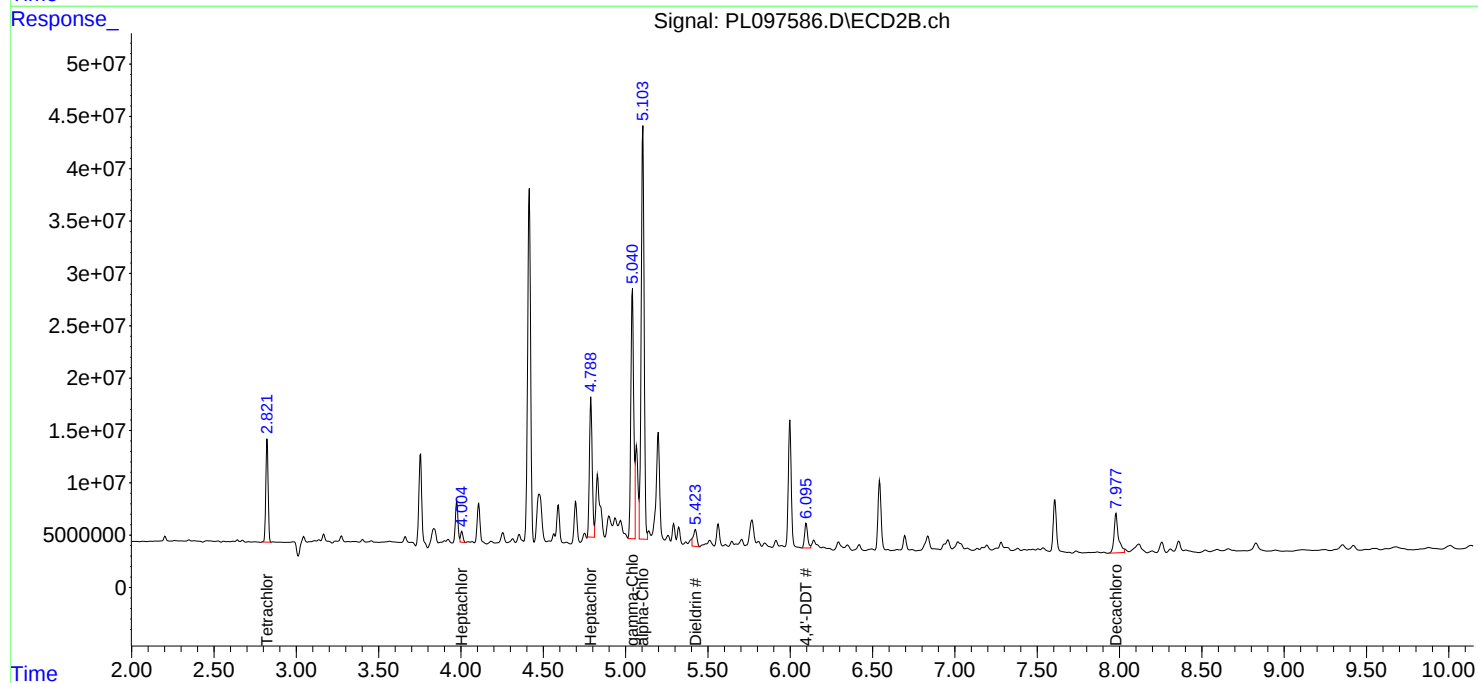
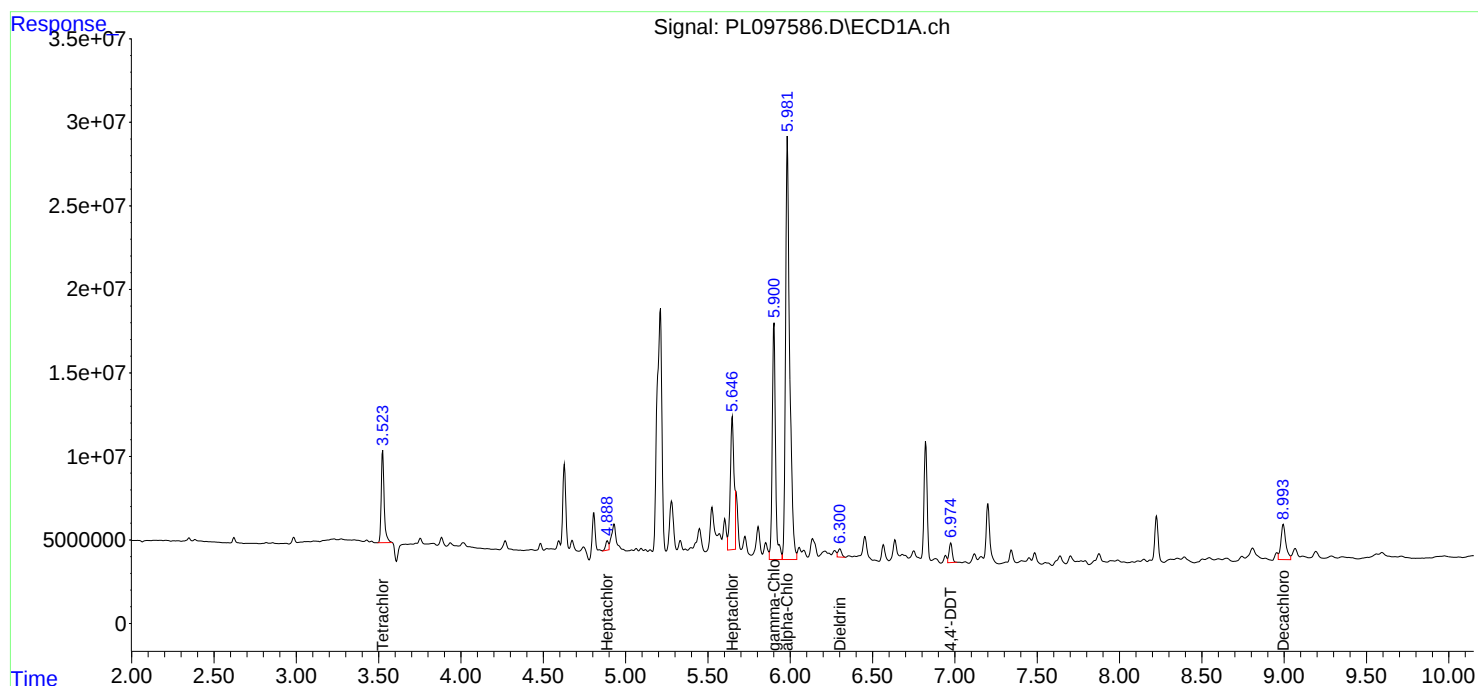
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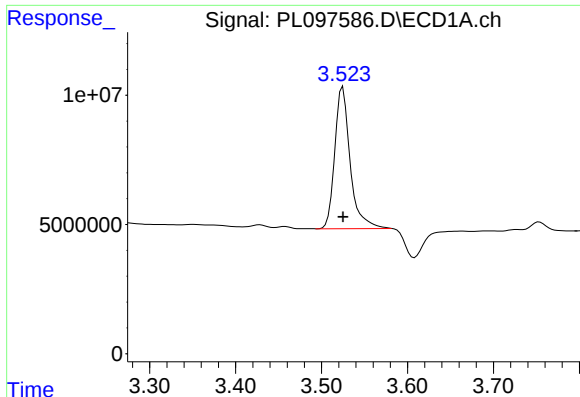
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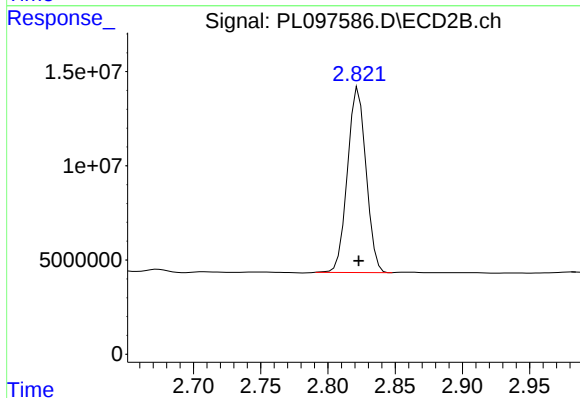
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 68279631
Conc: 16.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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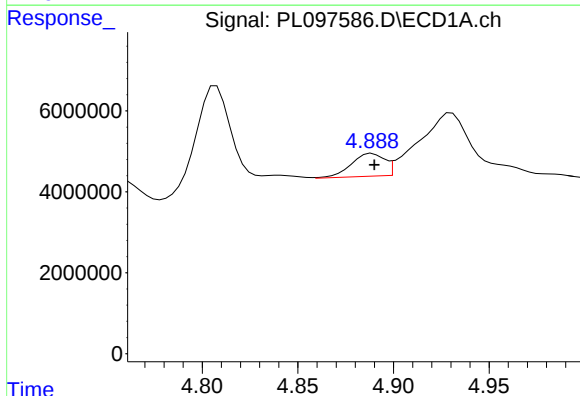
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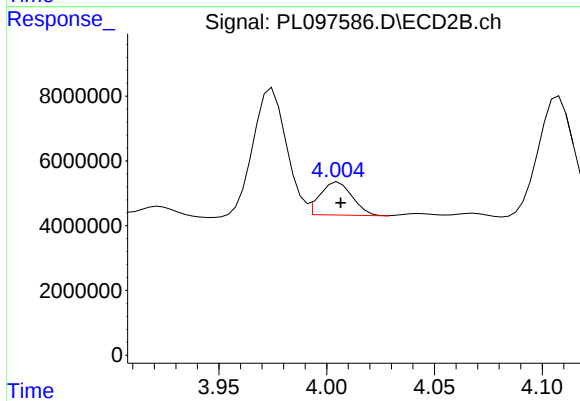
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 94352635
Conc: 15.50 ng/ml



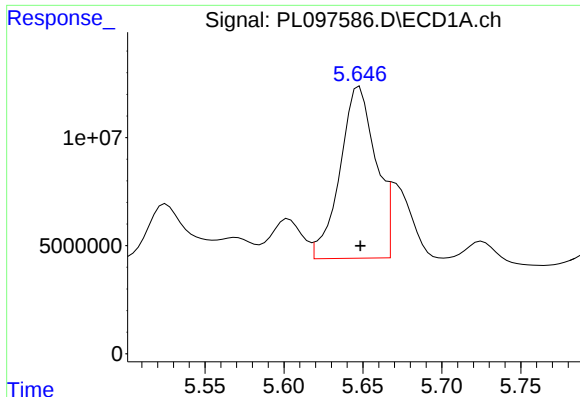
#4 Heptachlor

R.T.: 4.888 min
Delta R.T.: -0.003 min
Response: 7031278
Conc: 1.09 ng/ml m



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 10591389
Conc: 1.15 ng/ml



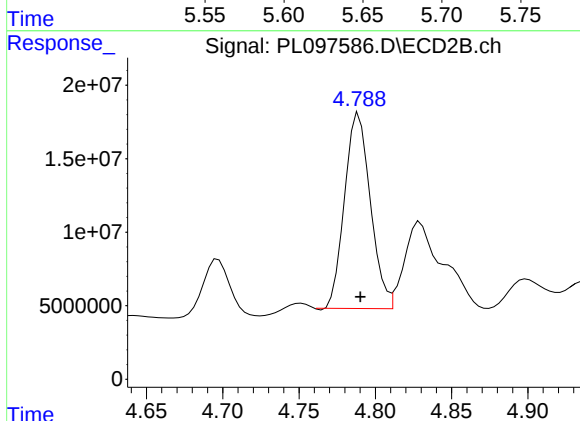
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 121224271
Conc: 20.82 ng/ml

Instrument :
ECD_L
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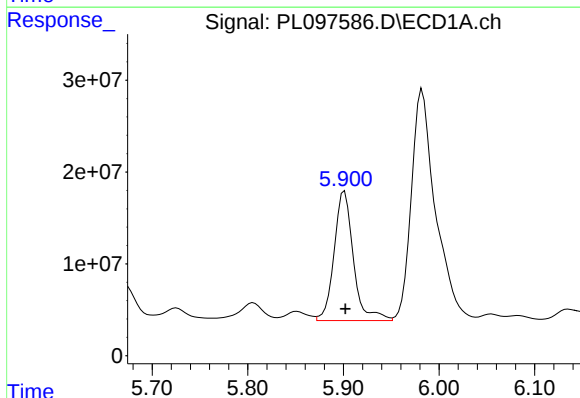
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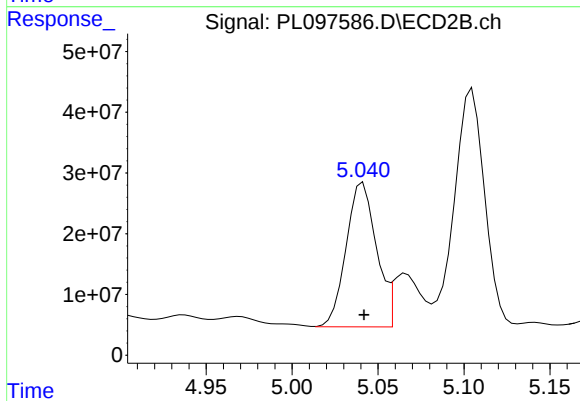
#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 156568432
Conc: 19.82 ng/ml



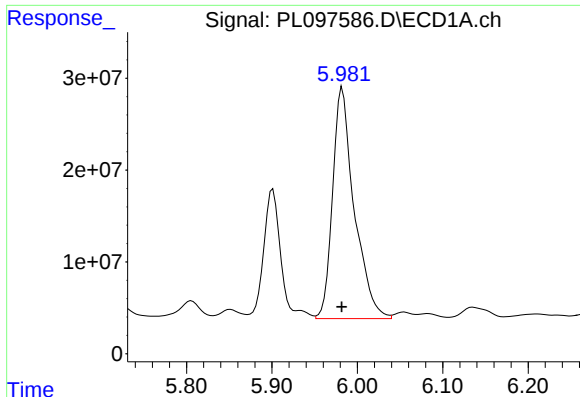
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 197832679
Conc: 36.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 290498475
Conc: 33.42 ng/ml



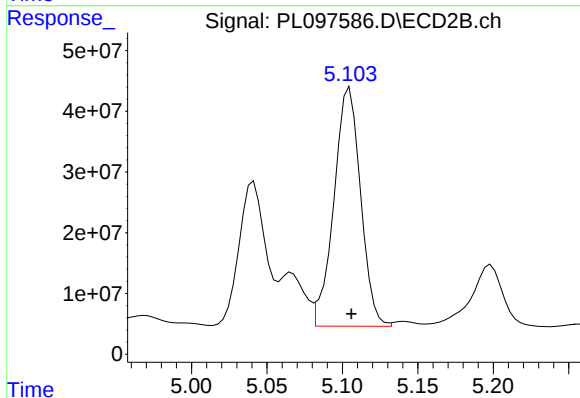
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 442764509
Conc: 81.59 ng/ml

Instrument :
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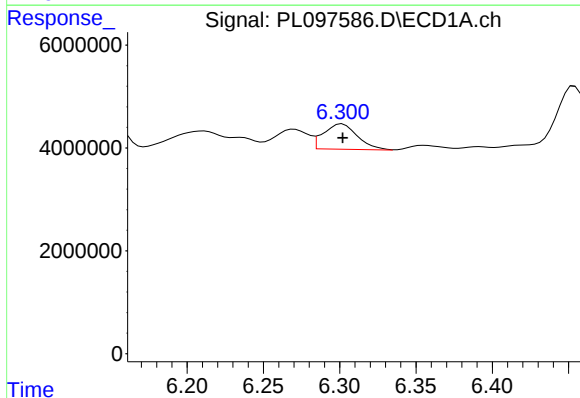
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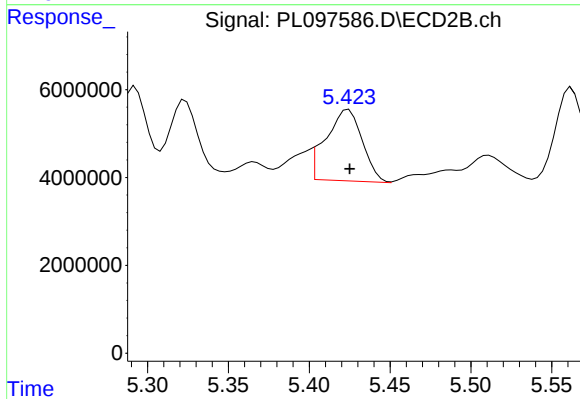
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.001 min
Response: 484118534
Conc: 58.14 ng/ml



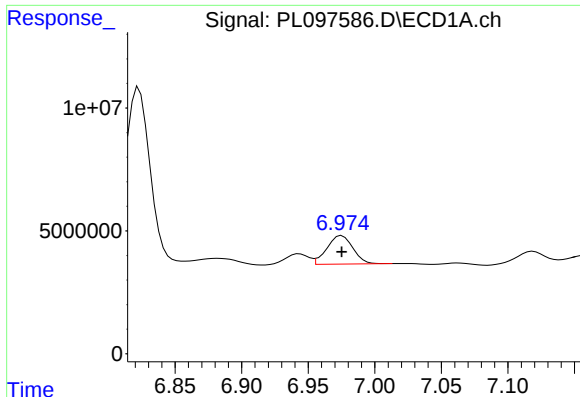
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 7417386
Conc: 1.41 ng/ml m



#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: -0.002 min
Response: 24604480
Conc: 2.98 ng/ml m



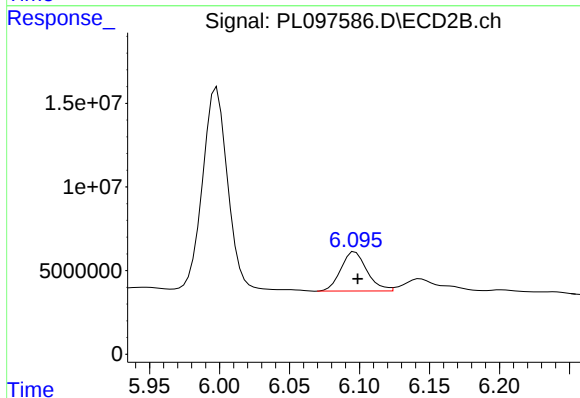
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 15814460
Conc: 3.90 ng/ml

Instrument :
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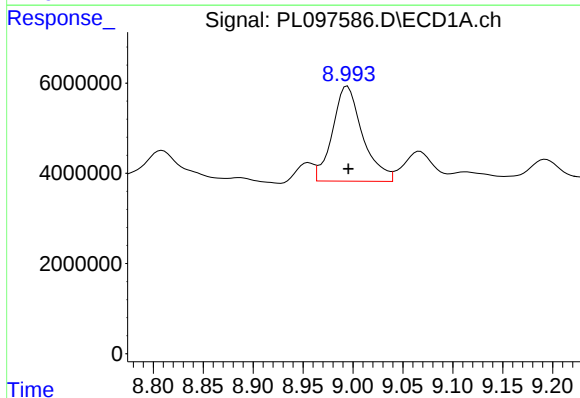
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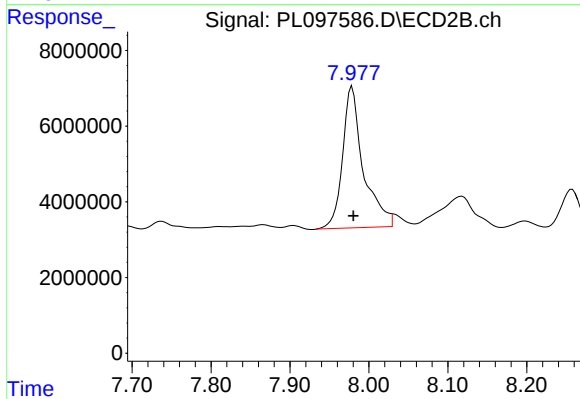
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 30431304
Conc: 4.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: -0.002 min
Response: 44224716
Conc: 14.87 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: -0.003 min
Response: 68230961
Conc: 13.15 ng/ml m