

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 14:57
 Operator : AR\AJ
 Sample : Q2774-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 224

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2025
 Supervised By : mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 22:31:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.533	2.827	41338219	59011866	12.996	12.351
28)	SA Decachlor...	9.008	7.988	38101849	69822045	15.978	16.094
Target Compounds							
4)	MA Heptachlor	4.898	4.011	7077194	6400780	1.703m	0.961 #
10)	B gamma-Chl...	5.914	5.050	322.5E6	179.0E6	84.749	30.443 #
11)	B alpha-Chl...	5.997	5.113	990.3E6	686.3E6	256.919	116.336 #
12)	B 4,4'-DDE	6.163	5.302	641.0E6	1234.9E6	199.601	223.932
17)	MA 4,4'-DDT	6.985	6.106	2192.9E6	3563.1E6	764.676	704.397

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

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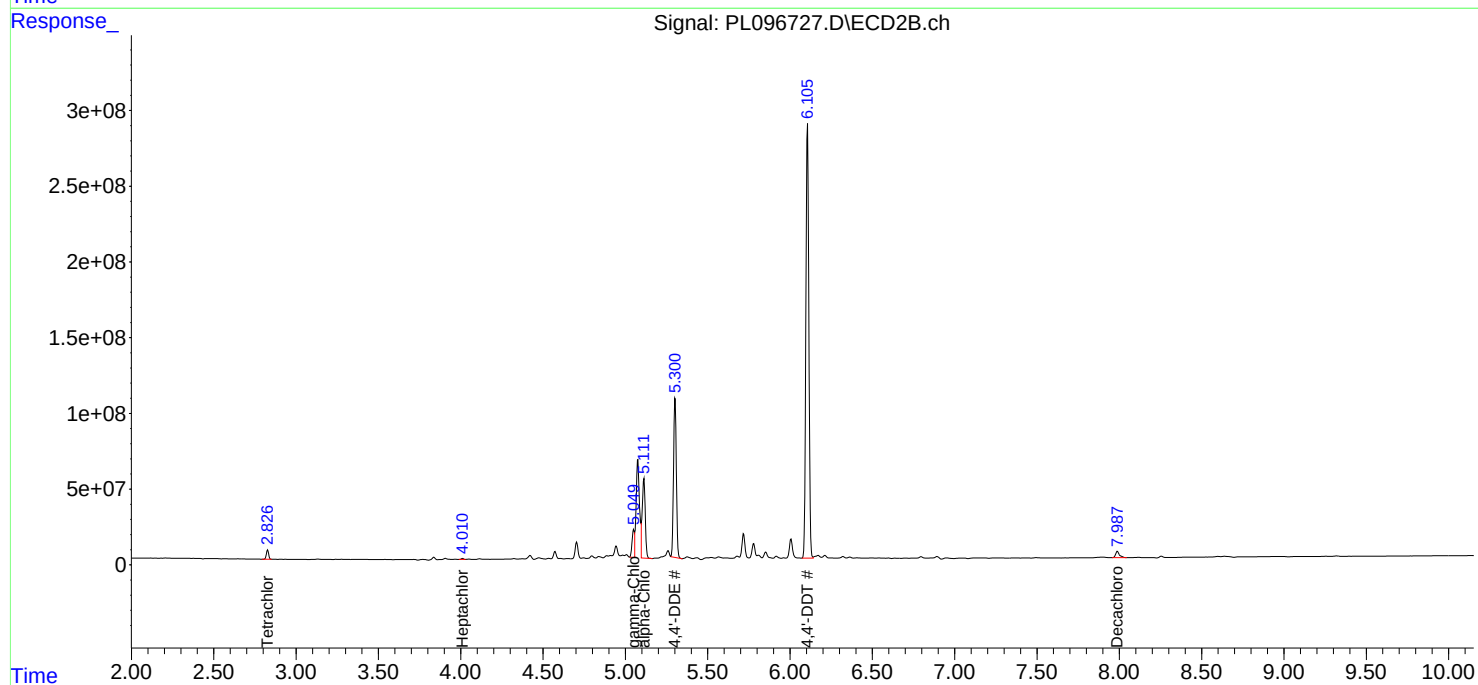
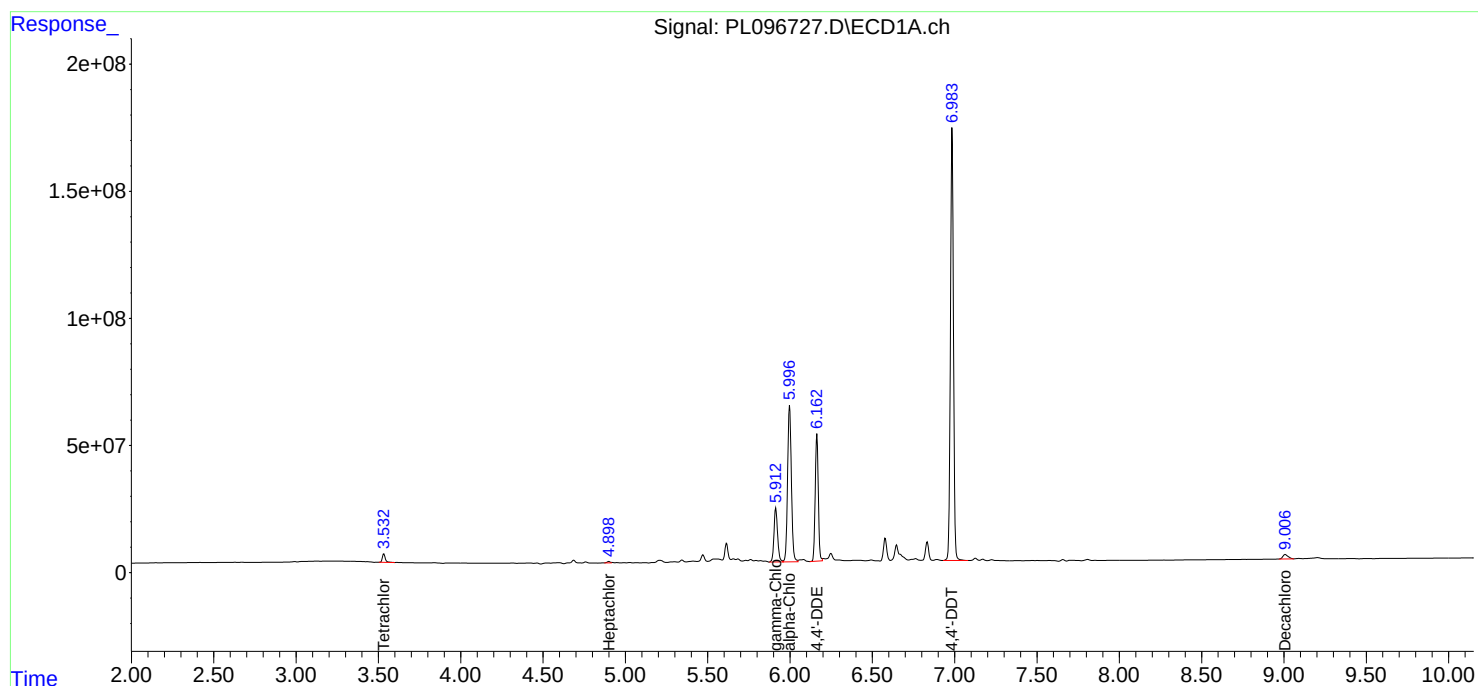
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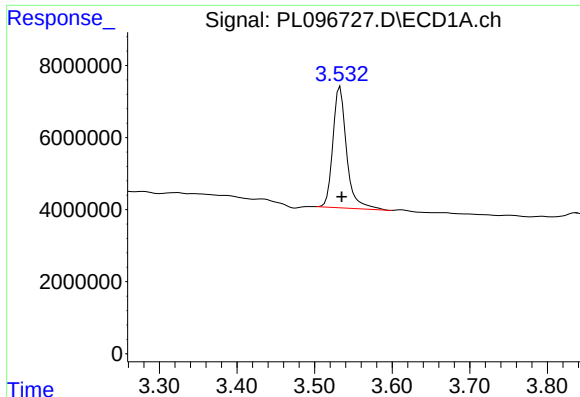
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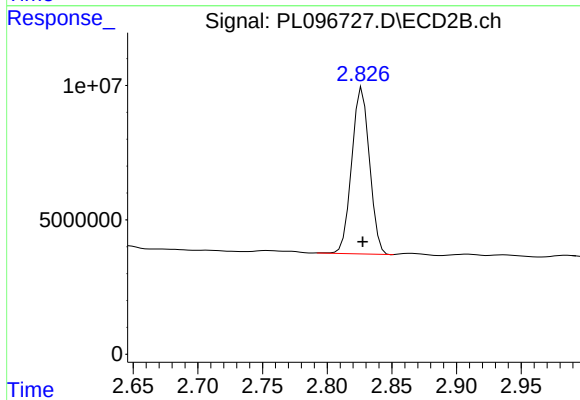
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 41338219
Conc: 13.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
224

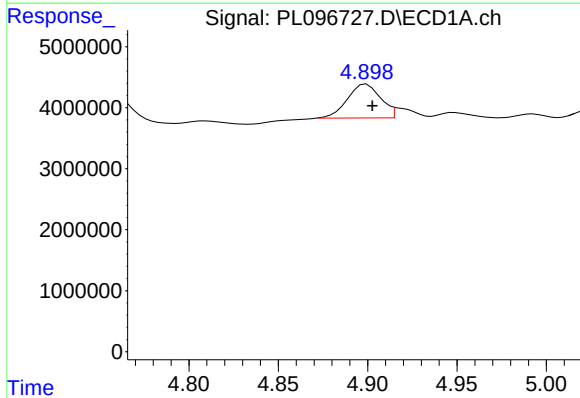
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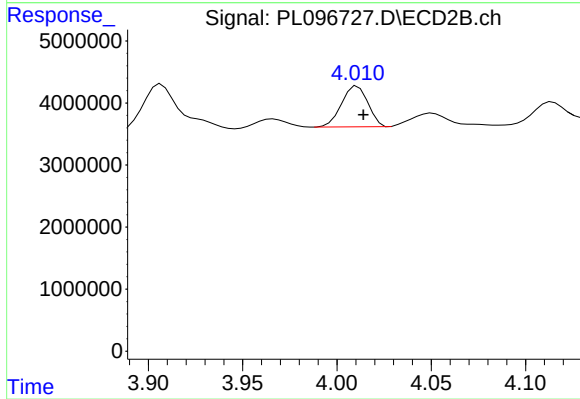
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 59011866
Conc: 12.35 ng/ml



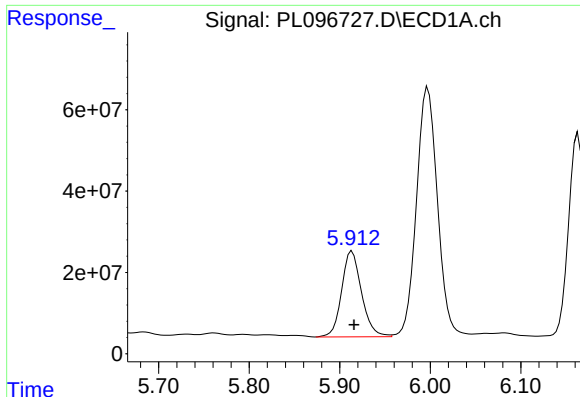
#4 Heptachlor

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 7077194
Conc: 1.70 ng/ml m



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 6400780
Conc: 0.96 ng/ml



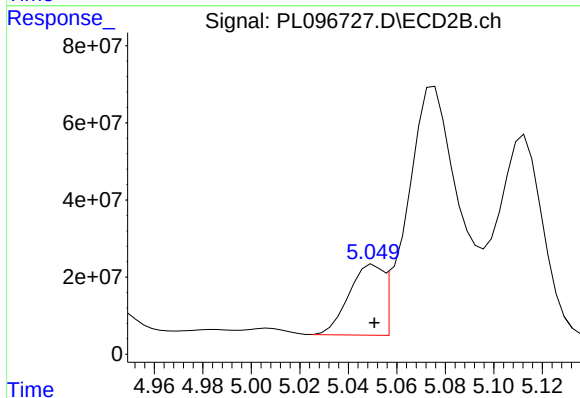
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 322490020
Conc: 84.75 ng/ml

Instrument :
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ClientSampleId :
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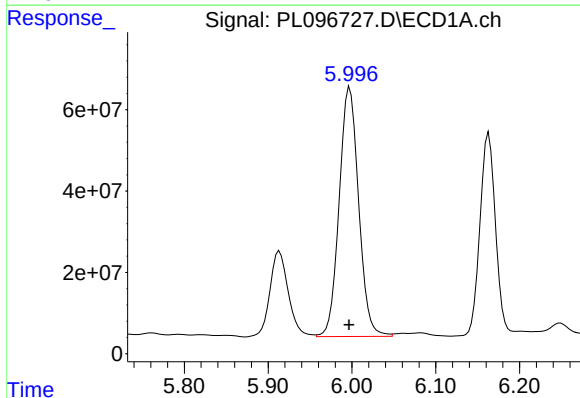
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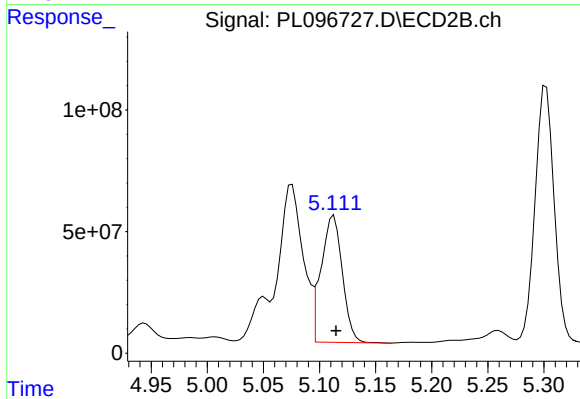
#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 179009296
Conc: 30.44 ng/ml



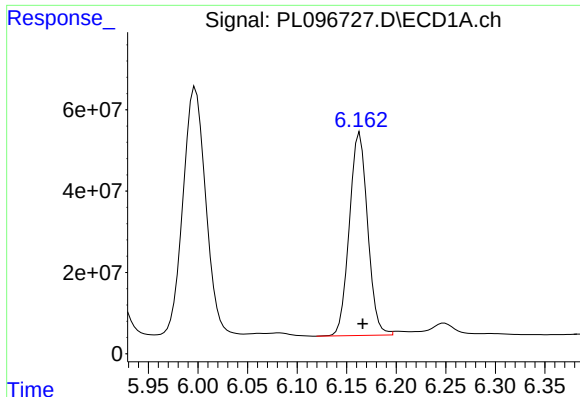
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 990330349
Conc: 256.92 ng/ml



#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 686255996
Conc: 116.34 ng/ml



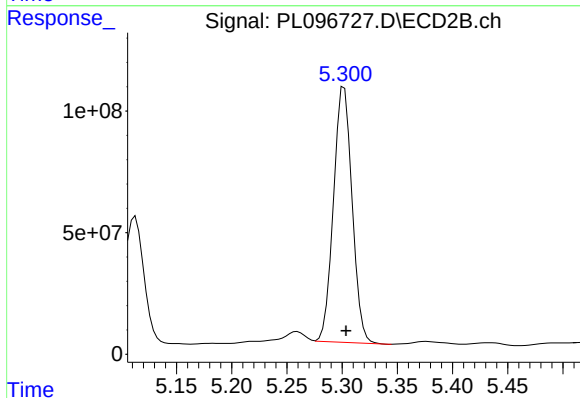
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 640967333
Conc: 199.60 ng/ml

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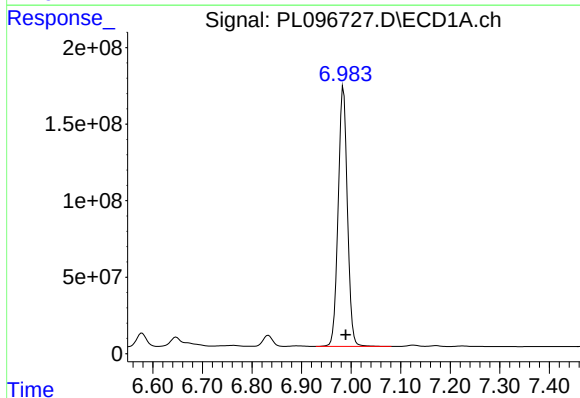
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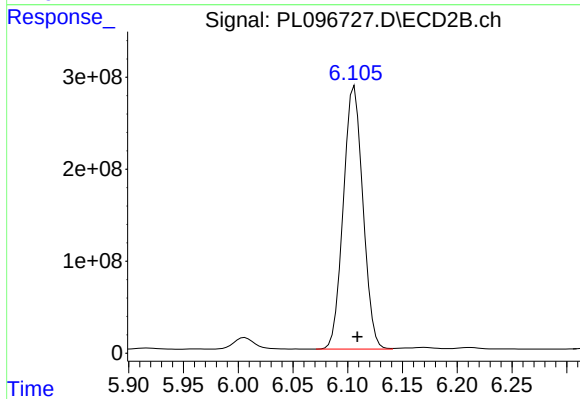
#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 1234854537
Conc: 223.93 ng/ml



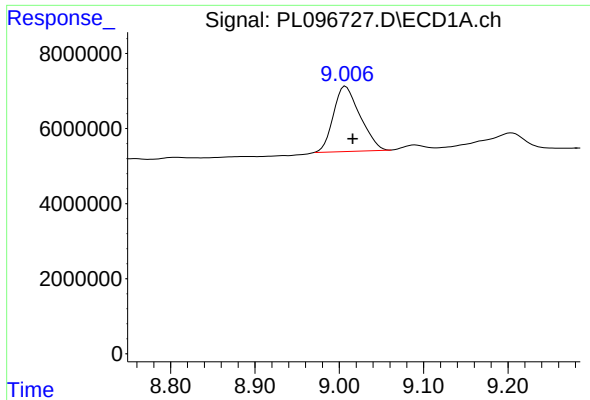
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 2192850516
Conc: 764.68 ng/ml



#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 3563052144
Conc: 704.40 ng/ml



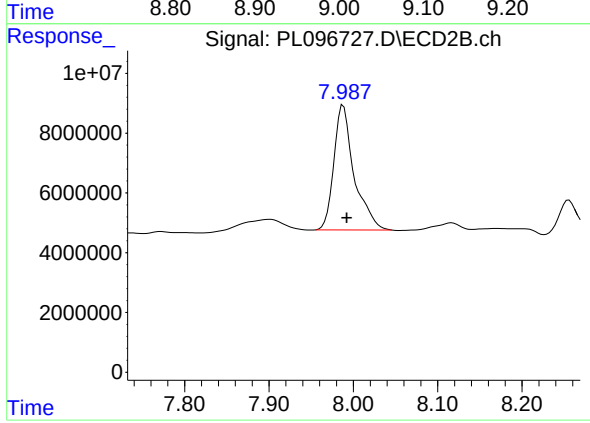
#28 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: -0.008 min
Response: 38101849
Conc: 15.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 69822045
Conc: 16.09 ng/ml