

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 20:38
 Operator : AR\AJ
 Sample : Q2853-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-05-081325

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:18:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.825	31134912	47722581	9.788	9.988
28) SA Decachlor...	9.005	7.986	39543708	48399589	16.583m	11.156m#
Target Compounds						
4) MA Heptachlor	4.895	4.011	5258952	8170475	1.265m	1.226
10) B gamma-Chl...	5.908	5.046	38603226	30895548	10.145m	5.254m#
11) B alpha-Chl...	5.992	5.110	51901052	33187693	13.465m	5.626m#
12) B 4,4'-DDE	6.160	5.300	54906436	82280746	17.098	14.921
16) A 4,4'-DDD	6.667	5.852	5172258	10017931	2.046m	2.129m
17) MA 4,4'-DDT	6.981	6.104	15803664	28388271	5.511m	5.612

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

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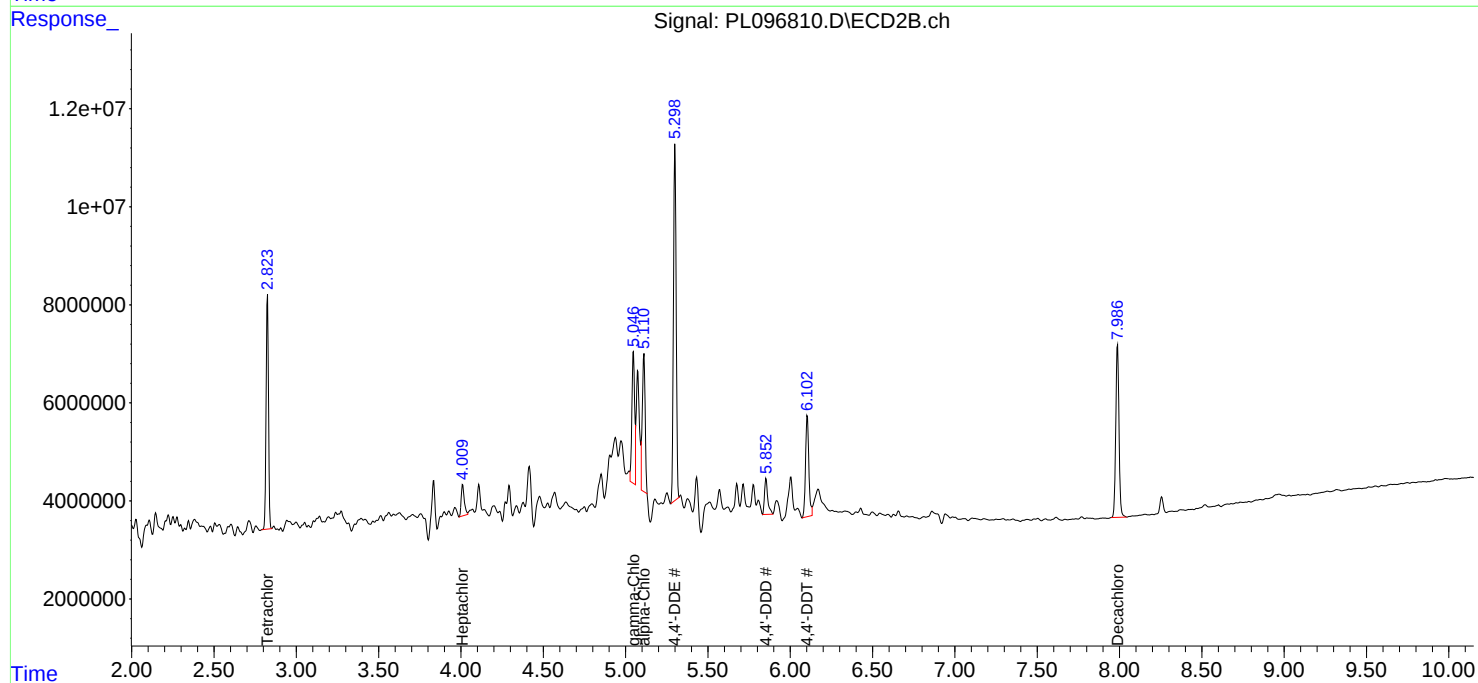
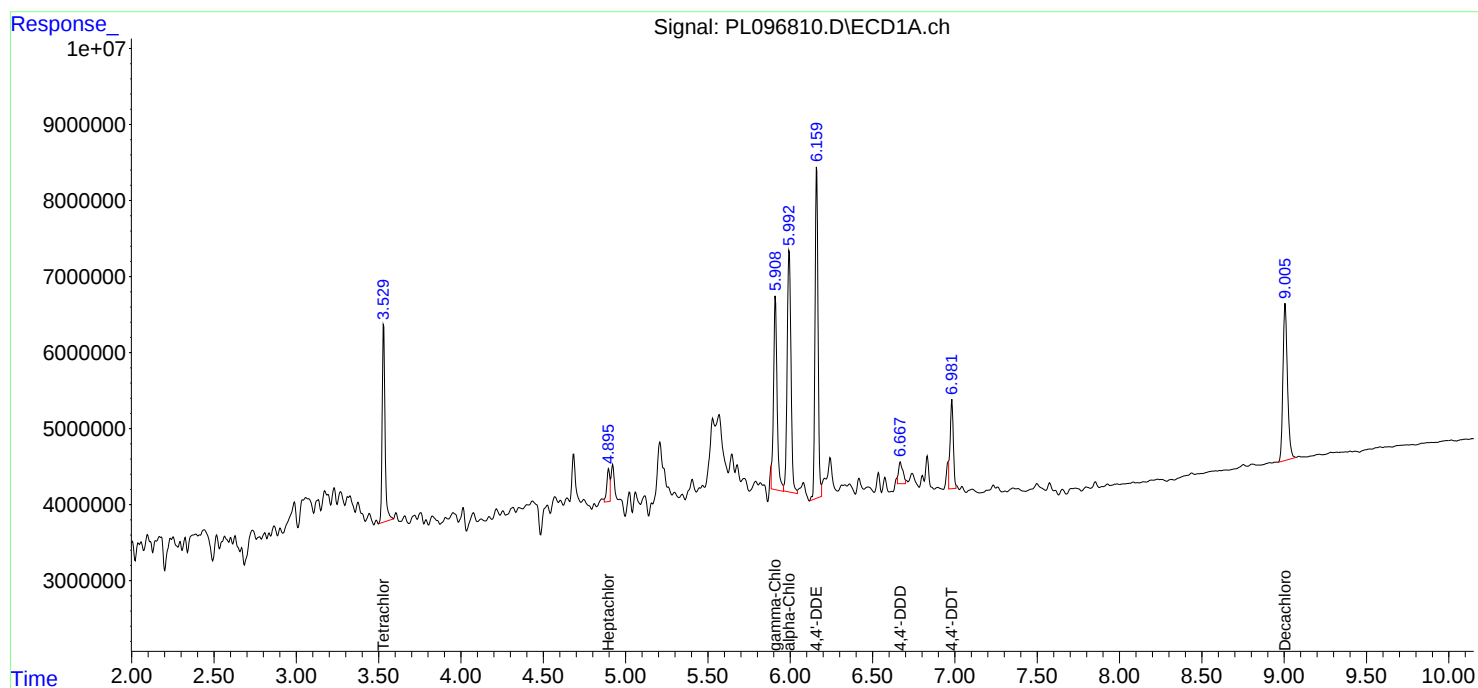
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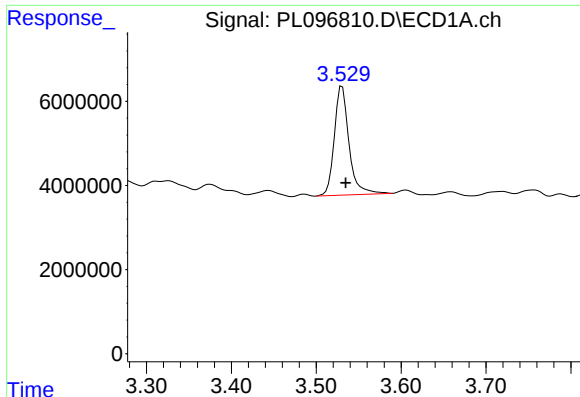
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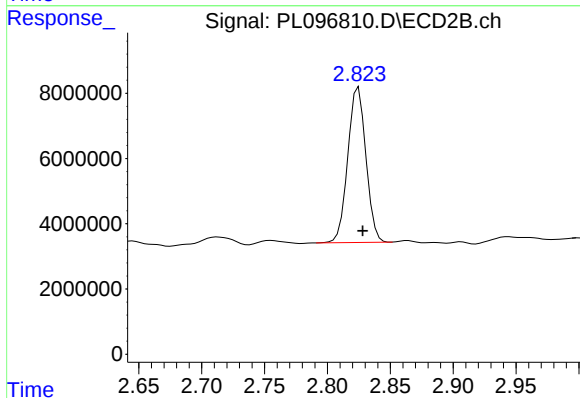
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 31134912
Conc: 9.79 ng/ml

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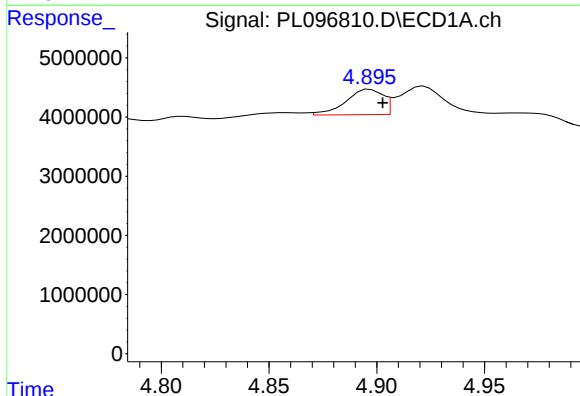
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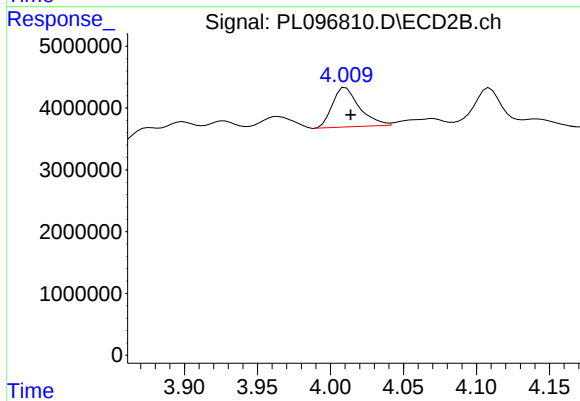
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 47722581
Conc: 9.99 ng/ml



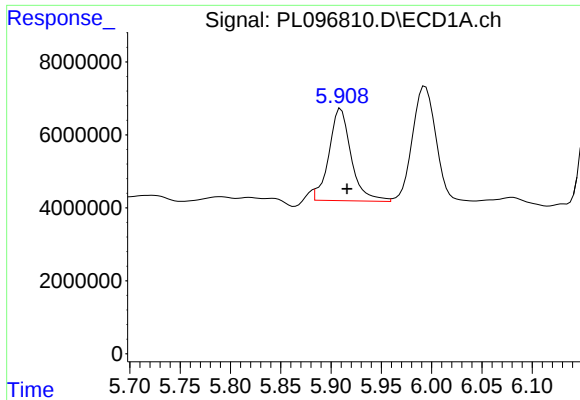
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 5258952
Conc: 1.27 ng/ml m



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 8170475
Conc: 1.23 ng/ml



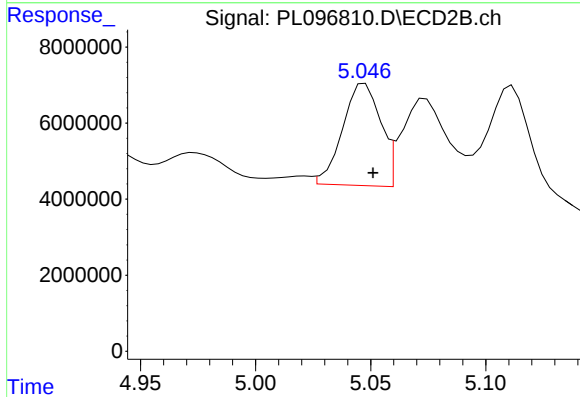
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.007 min
Response: 38603226
Conc: 10.14 ng/ml

Instrument :
ECD_L
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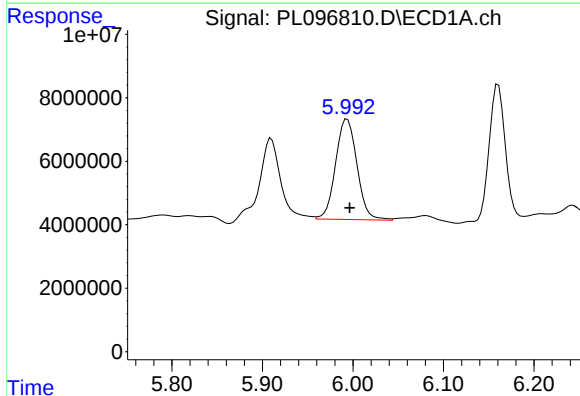
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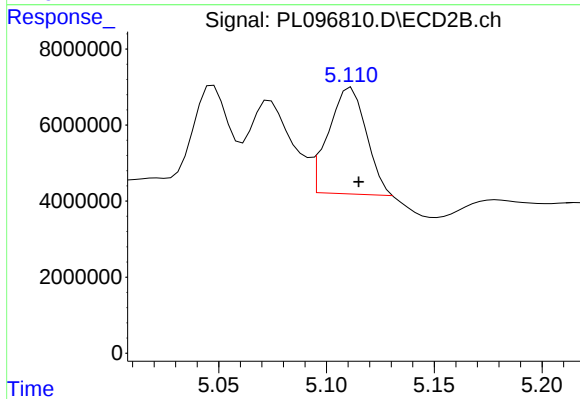
#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 30895548
Conc: 5.25 ng/ml m



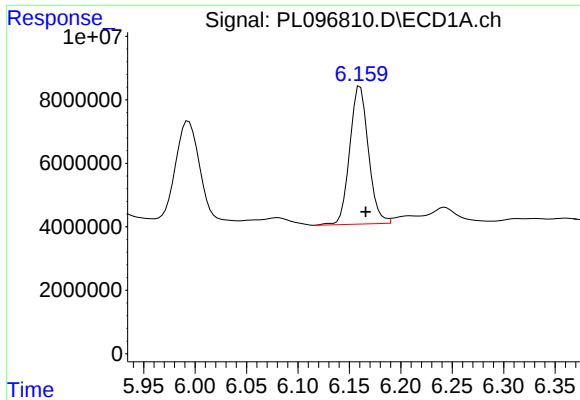
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 51901052
Conc: 13.46 ng/ml m



#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 33187693
Conc: 5.63 ng/ml m



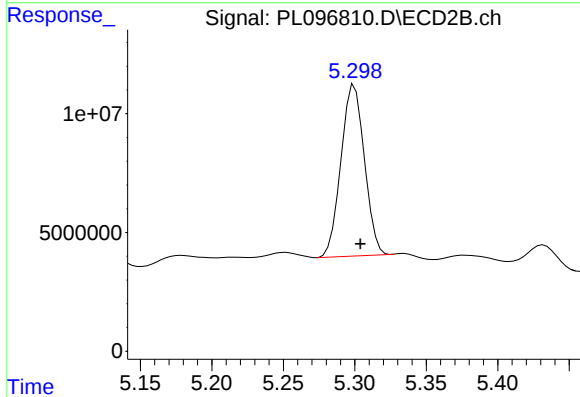
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 54906436
Conc: 17.10 ng/ml

Instrument :
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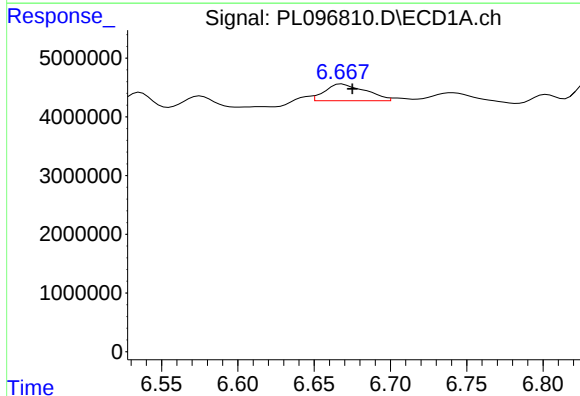
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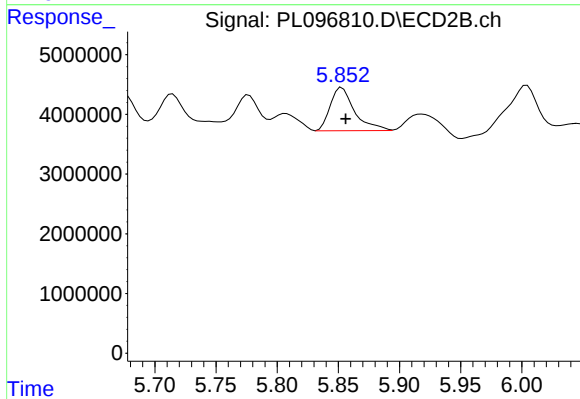
#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 82280746
Conc: 14.92 ng/ml



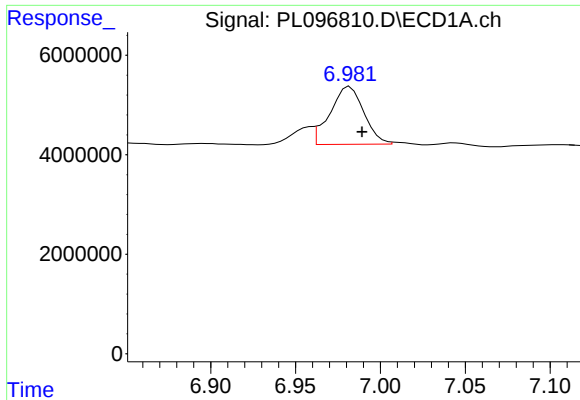
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 5172258
Conc: 2.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 10017931
Conc: 2.13 ng/ml m



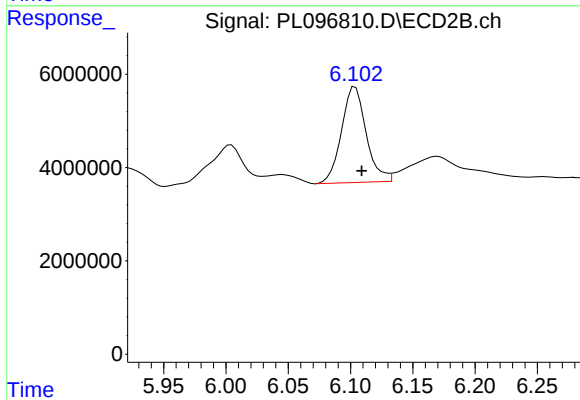
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: -0.009 min
Response: 15803664
Conc: 5.51 ng/ml

Instrument :
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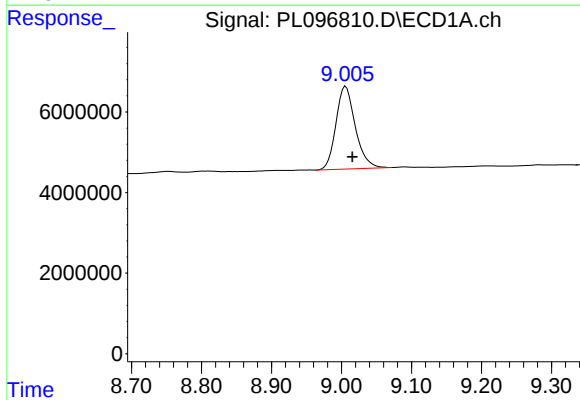
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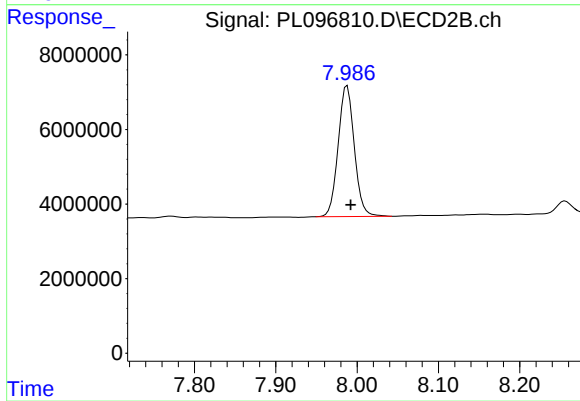
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 28388271
Conc: 5.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: -0.011 min
Response: 39543708
Conc: 16.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 48399589
Conc: 11.16 ng/ml m