

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 09:41
 Operator : AR\AJ
 Sample : Q2558-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-TS-Grillo-OG-070925RE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:22:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.535	2.824	39499474	63386716	10.825	10.983
28) SA Decachlor...	9.023	7.993	22698778	41071701	8.069	8.237
Target Compounds						
4) MA Heptachlor	4.905	4.010	1900804	8137632	0.415m	1.070m#
10) B gamma-Chl...	5.918	5.048	35231021	29513703	7.962m	4.204m#
11) B alpha-Chl...	6.002	5.113	73744919	70735734	16.841m	9.406 #
12) B 4,4'-DDE	6.169	5.301	33212150	55686373	8.958m	8.615m
16) A 4,4'-DDD	6.678	5.854	5372895	9318424	1.845m	1.817m
17) MA 4,4'-DDT	6.993	6.108	23374276	42194318	7.701	7.357

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

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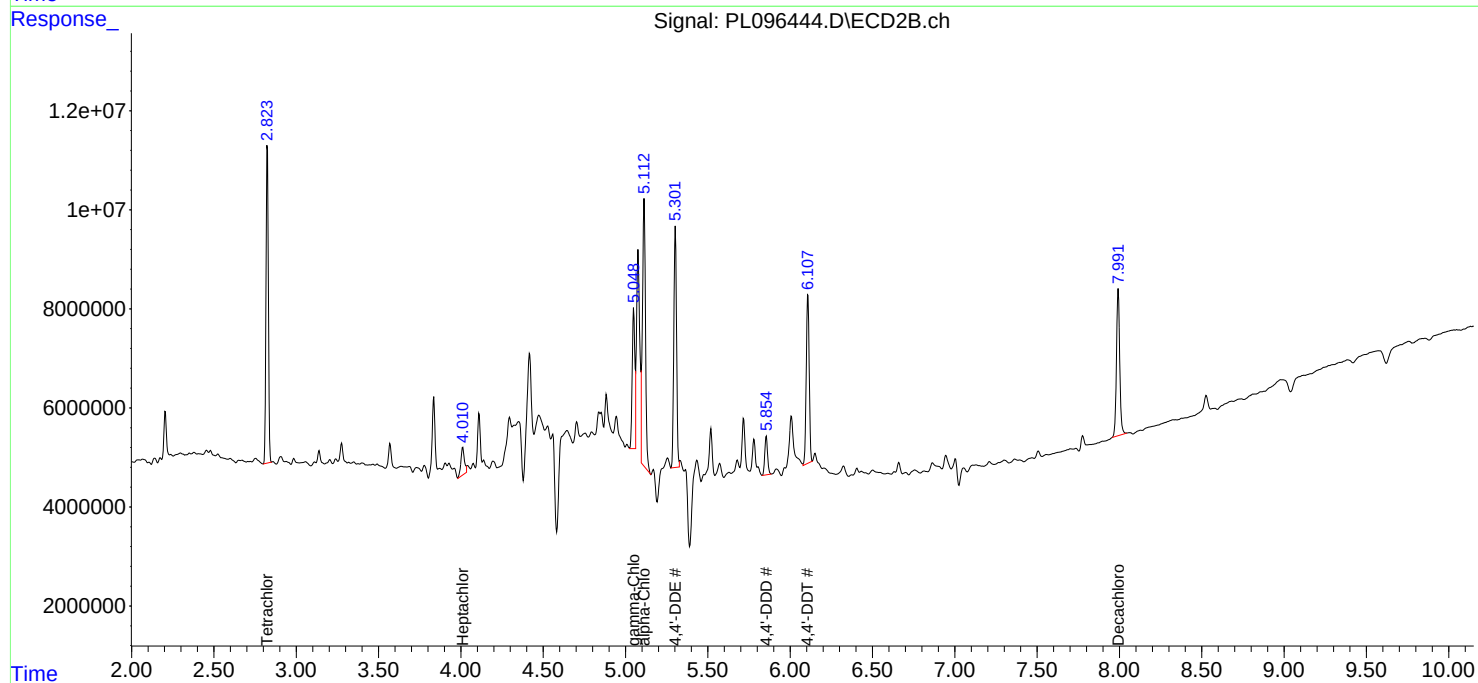
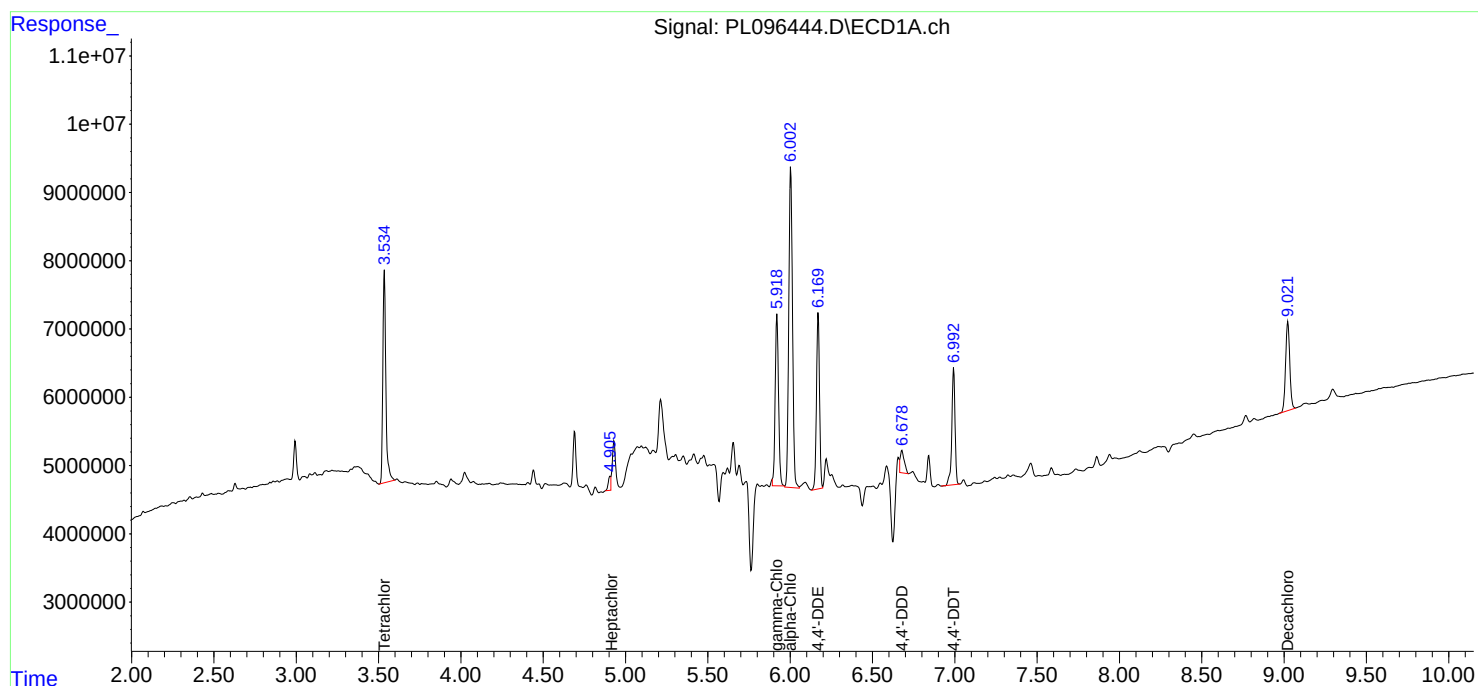
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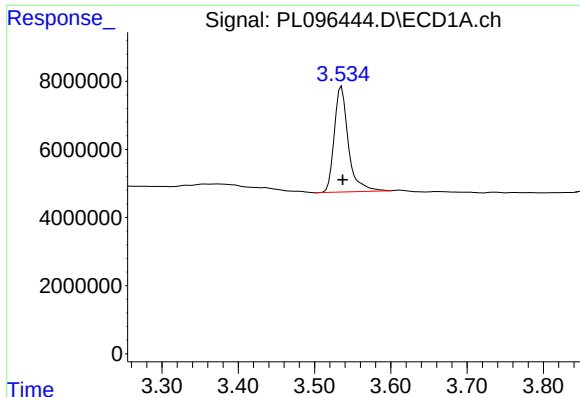
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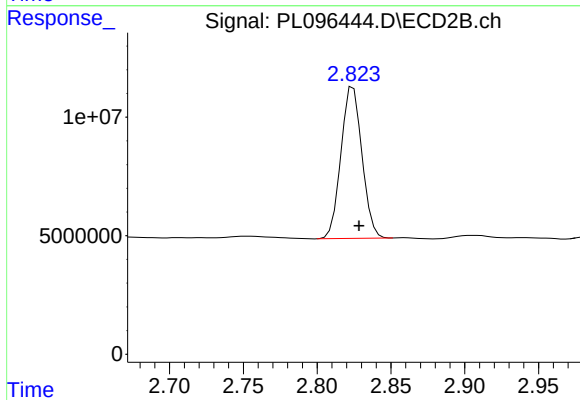
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 39499474
Conc: 10.82 ng/ml

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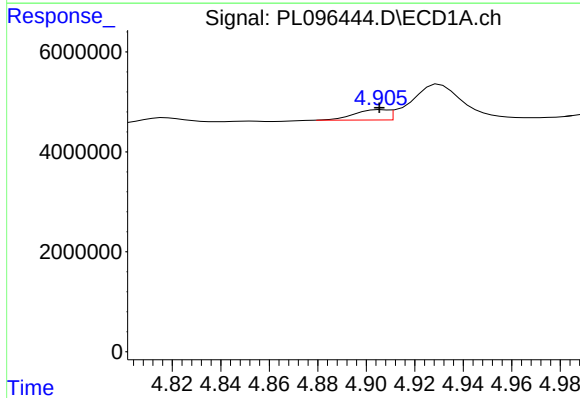
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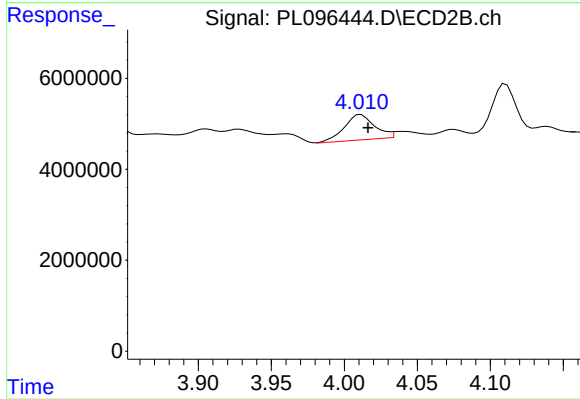
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 63386716
Conc: 10.98 ng/ml



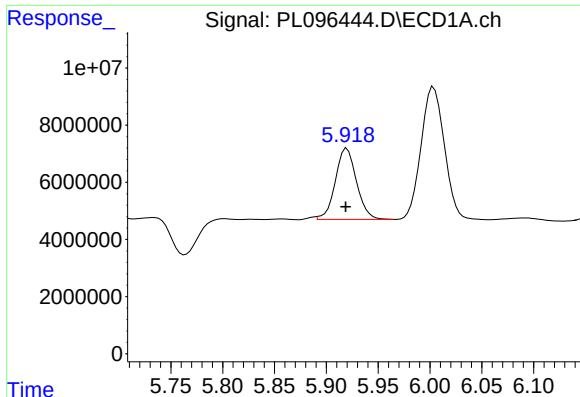
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 1900804
Conc: 0.41 ng/ml m



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.006 min
Response: 8137632
Conc: 1.07 ng/ml m



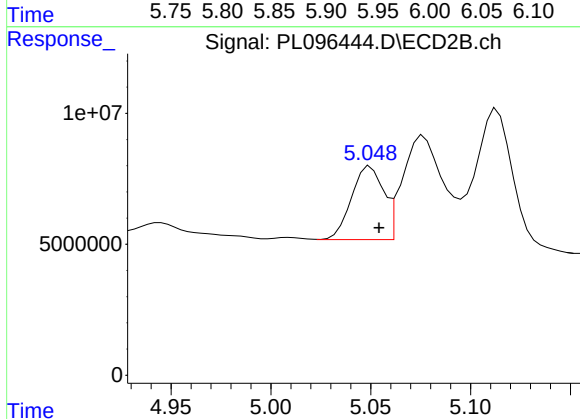
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 35231021
Conc: 7.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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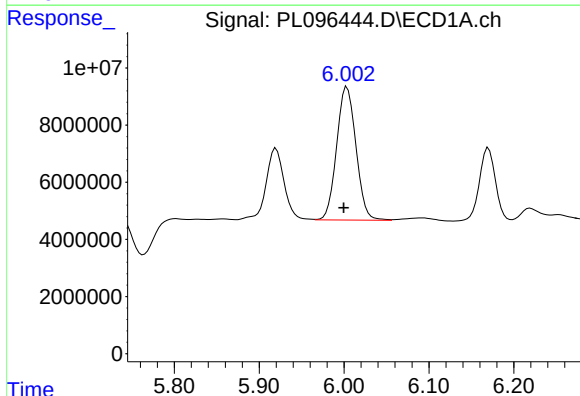
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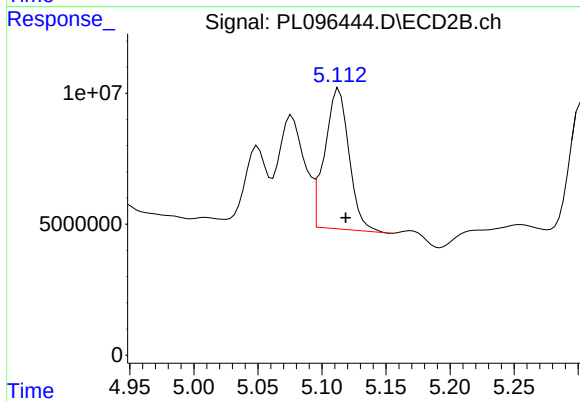
#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.006 min
Response: 29513703
Conc: 4.20 ng/ml m



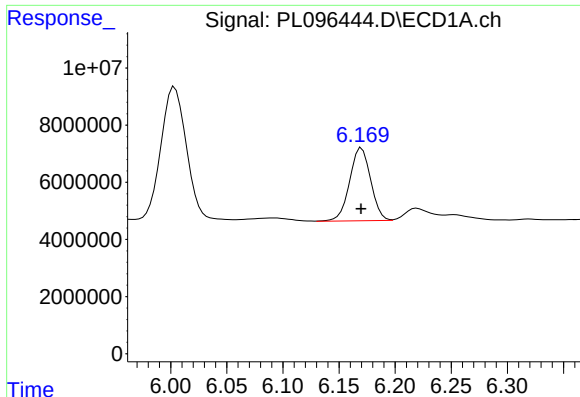
#11 alpha-Chlordane

R.T.: 6.002 min
Delta R.T.: 0.003 min
Response: 73744919
Conc: 16.84 ng/ml m



#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 70735734
Conc: 9.41 ng/ml



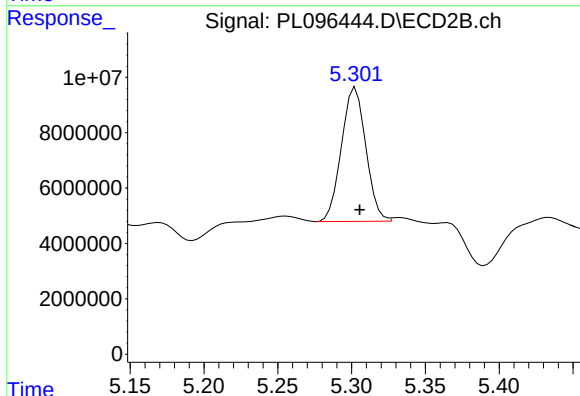
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 33212150
Conc: 8.96 ng/ml

Instrument :
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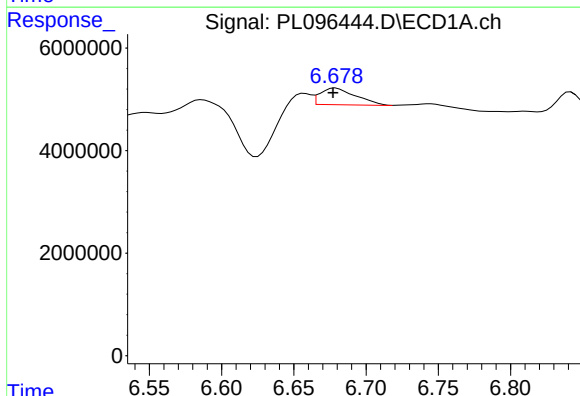
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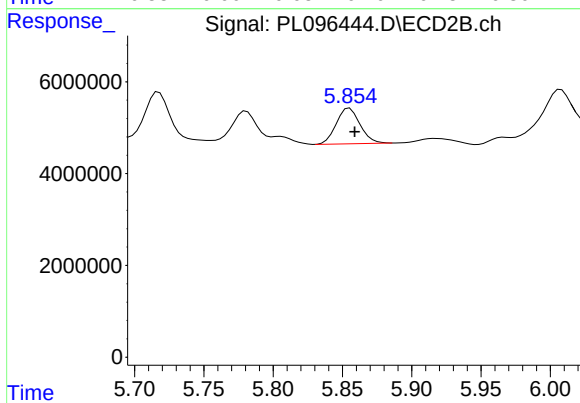
#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 55686373
Conc: 8.62 ng/ml m



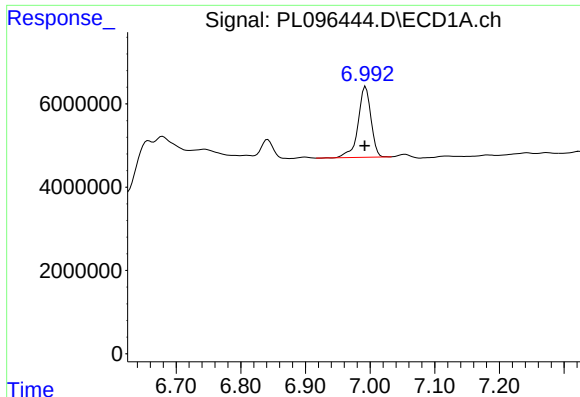
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 5372895
Conc: 1.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 9318424
Conc: 1.82 ng/ml m



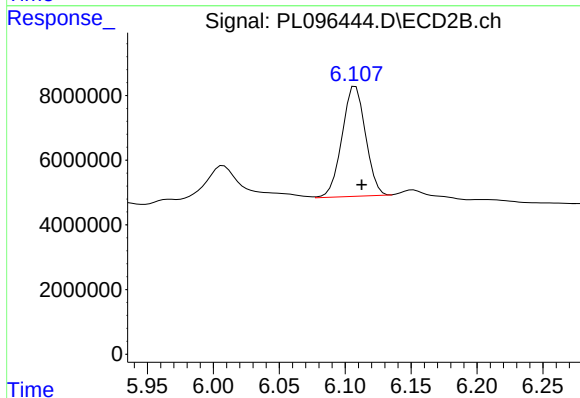
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 23374276
Conc: 7.70 ng/ml

Instrument :
ECD_L
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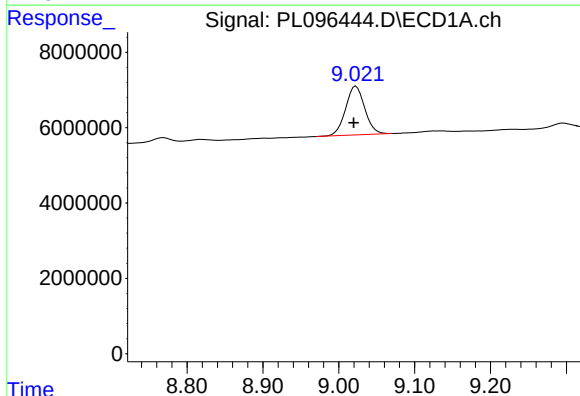
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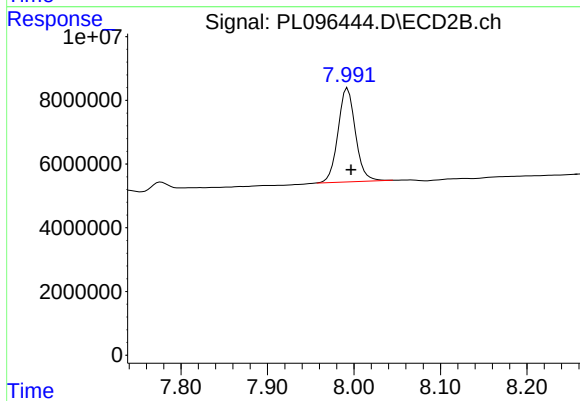
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 42194318
Conc: 7.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.003 min
Response: 22698778
Conc: 8.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 41071701
Conc: 8.24 ng/ml