

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 13:07
 Operator : AR\AJ
 Sample : Q2638-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-TS-33-071725RE

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:47:04 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	2.827	37921190	63810245	10.392	11.057
28) SA Decachlor...	9.015	7.991	21233337	38980556	7.548	7.817
Target Compounds						
10) B gamma-Chl...	5.914	5.048	5220690	3198479	1.180m	0.456m#
11) B alpha-Chl...	5.998	5.114	9509253	10007081	2.172	1.331 #
12) B 4,4'-DDE	6.164	5.301	4910522	7590701	1.324m	1.174m

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

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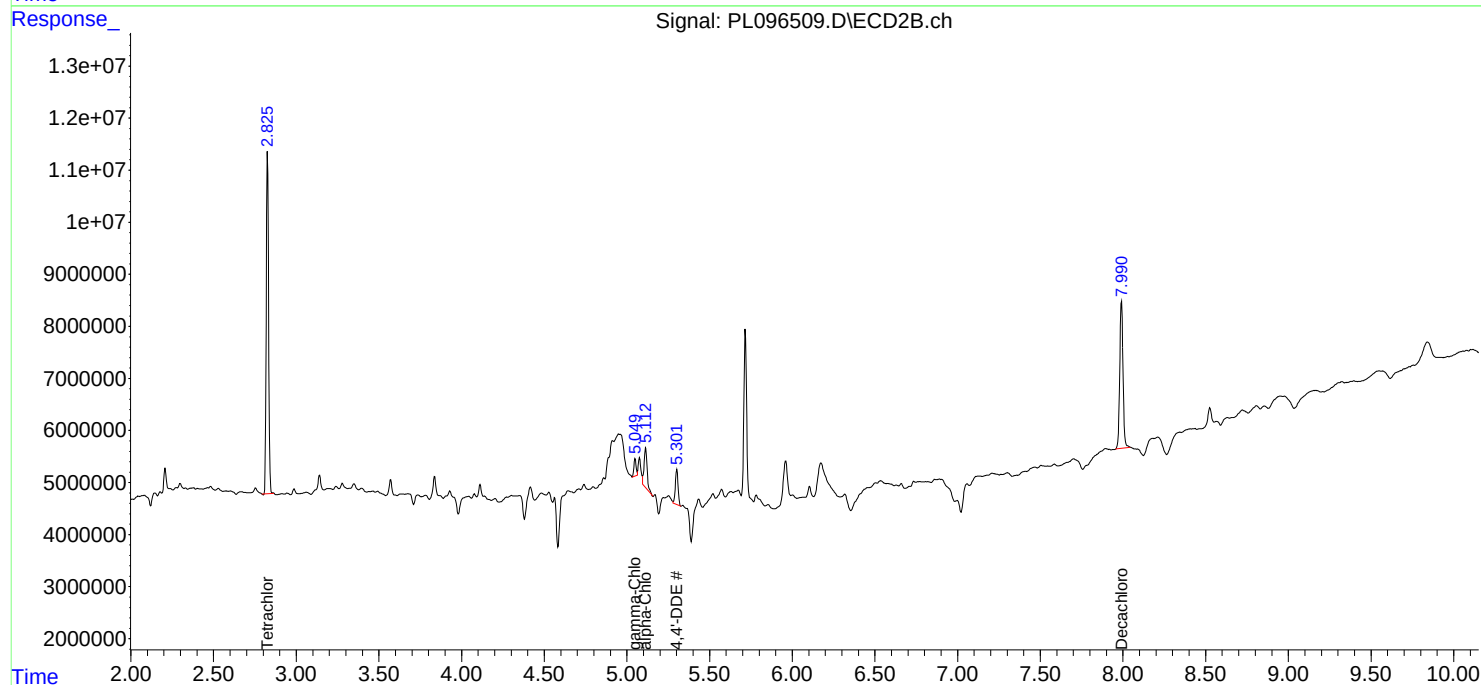
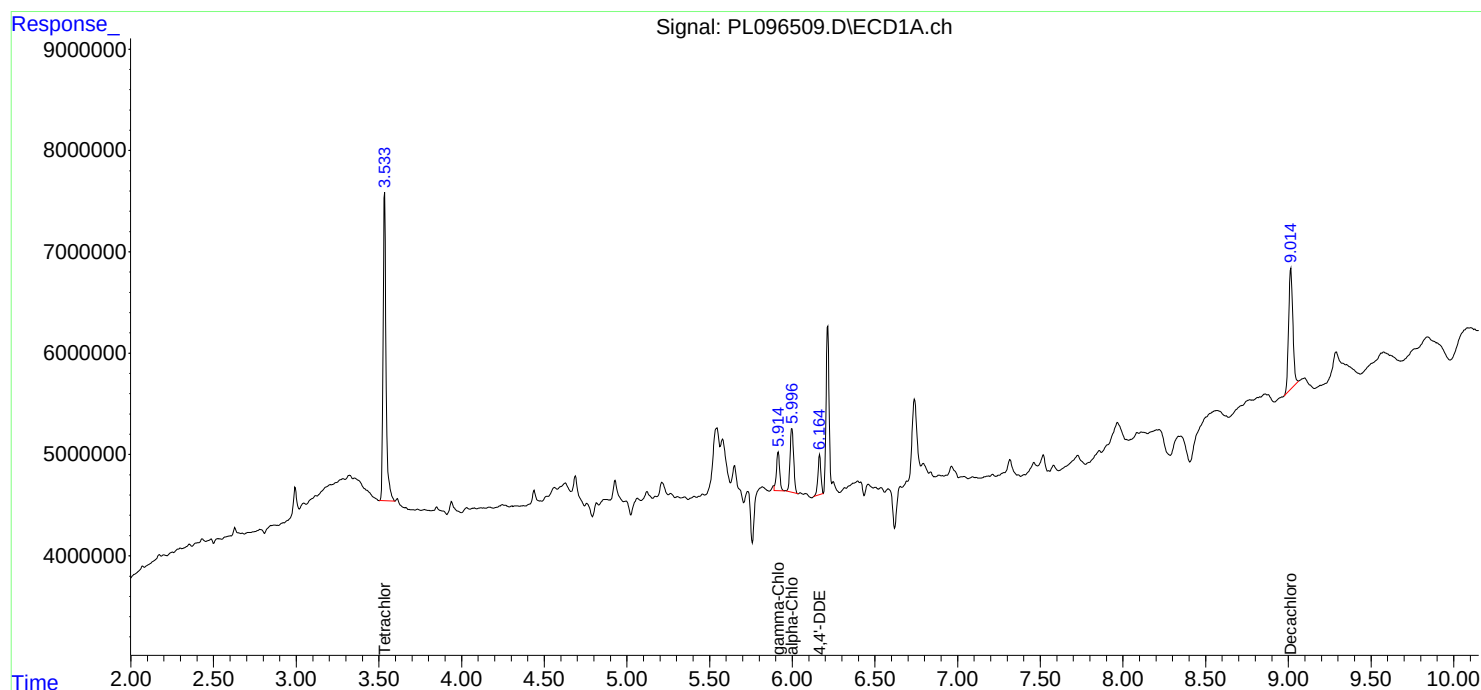
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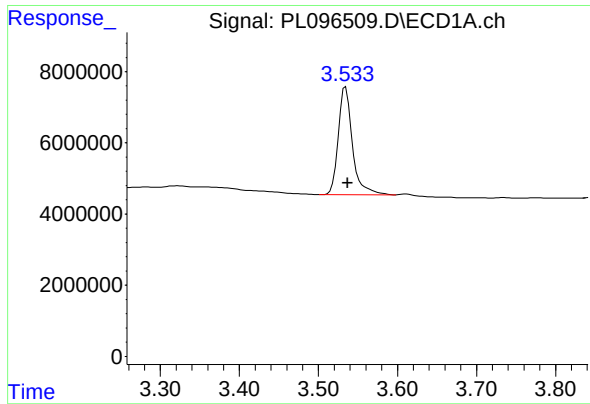
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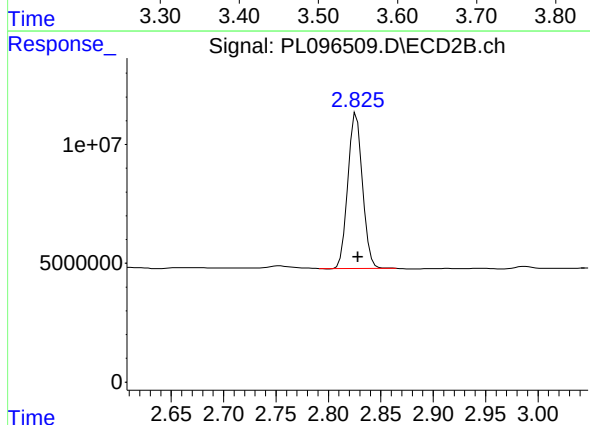
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 37921190
Conc: 10.39 ng/ml

Instrument :
ECD_L
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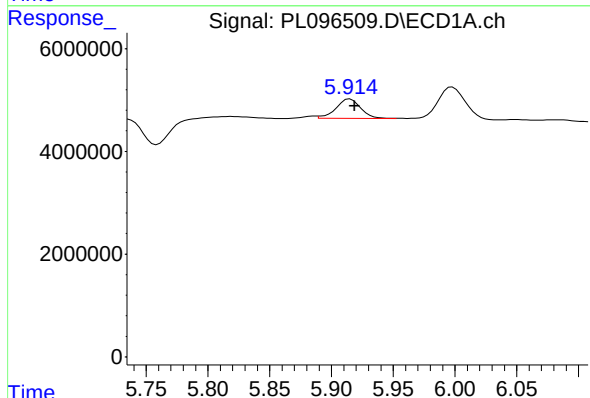
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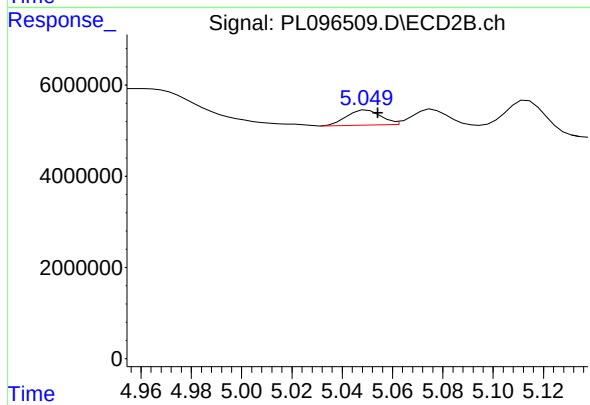
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 63810245
Conc: 11.06 ng/ml



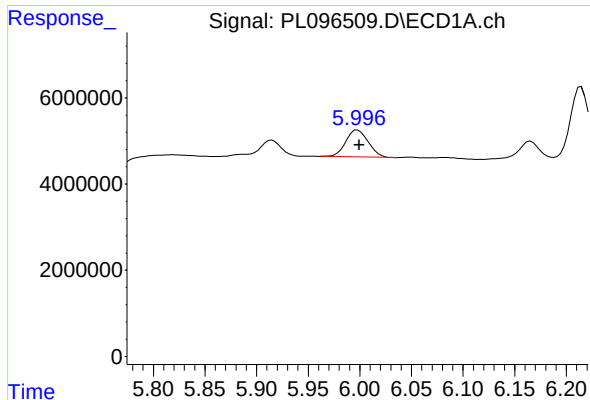
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.005 min
Response: 5220690
Conc: 1.18 ng/ml m



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.006 min
Response: 3198479
Conc: 0.46 ng/ml m



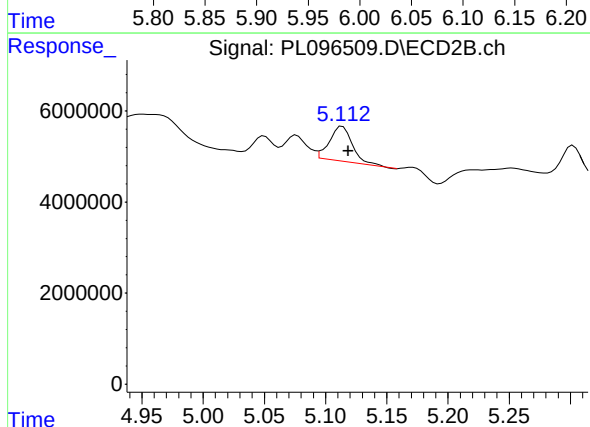
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 9509253
Conc: 2.17 ng/ml

Instrument :
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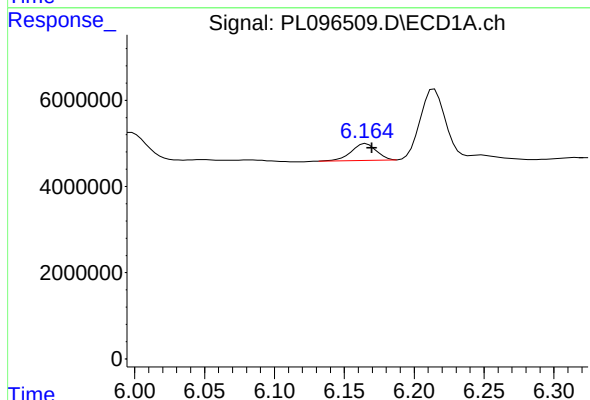
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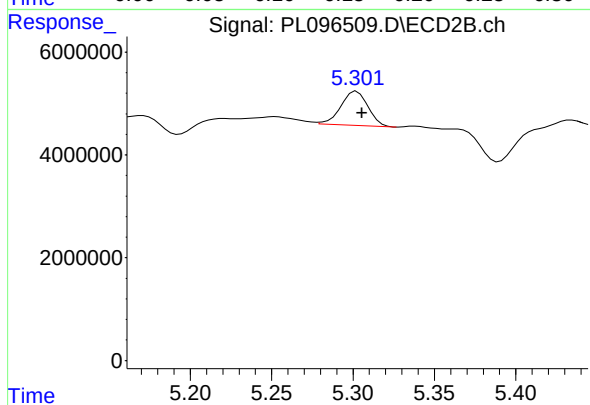
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 10007081
Conc: 1.33 ng/ml



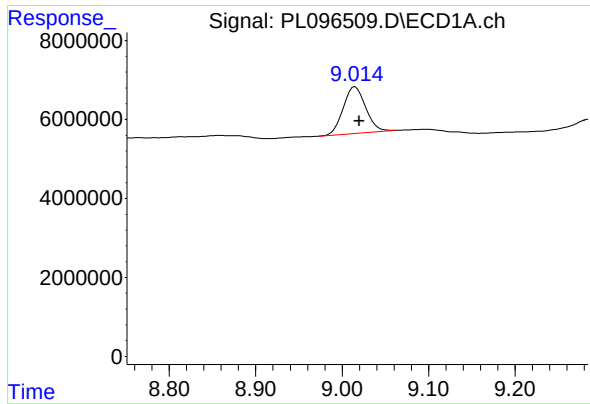
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 4910522
Conc: 1.32 ng/ml m



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 7590701
Conc: 1.17 ng/ml m



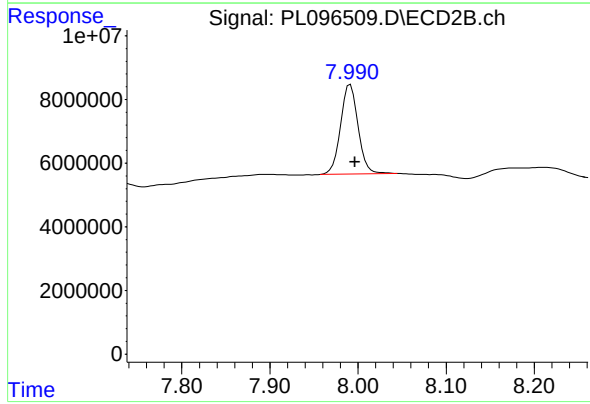
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 21233337
Conc: 7.55 ng/ml

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#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 38980556
Conc: 7.82 ng/ml