

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 16:45
 Operator : AR\AJ
 Sample : Q2550-02 (Sig #1); Q4650-02 (Sig #2)
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-203

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:03:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.879	50873210	336.6E6	17.831	19.852m
28)	SA Decachlor...	9.071	8.069	54129479	218.9E6	13.782m	11.072m
Target Compounds							
8)	B Heptachlo...	5.688	4.869	2459403	20110631	0.510m	0.918m#
10)	B gamma-Chl...	5.945	5.123	12810463	54847903	2.675	2.293m
11)	B alpha-Chl...	6.030	5.187	26166319	77492790	5.408	3.384m#
12)	B 4,4'-DDE	6.195	5.372	3788618	27026396	0.869	1.179m#
13)	MA Dieldrin	6.346	5.511	26882287	189.9E6	5.603	8.181 #
17)	MA 4,4'-DDT	7.019	6.182	9104297	63873091	2.403m	3.150 #

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

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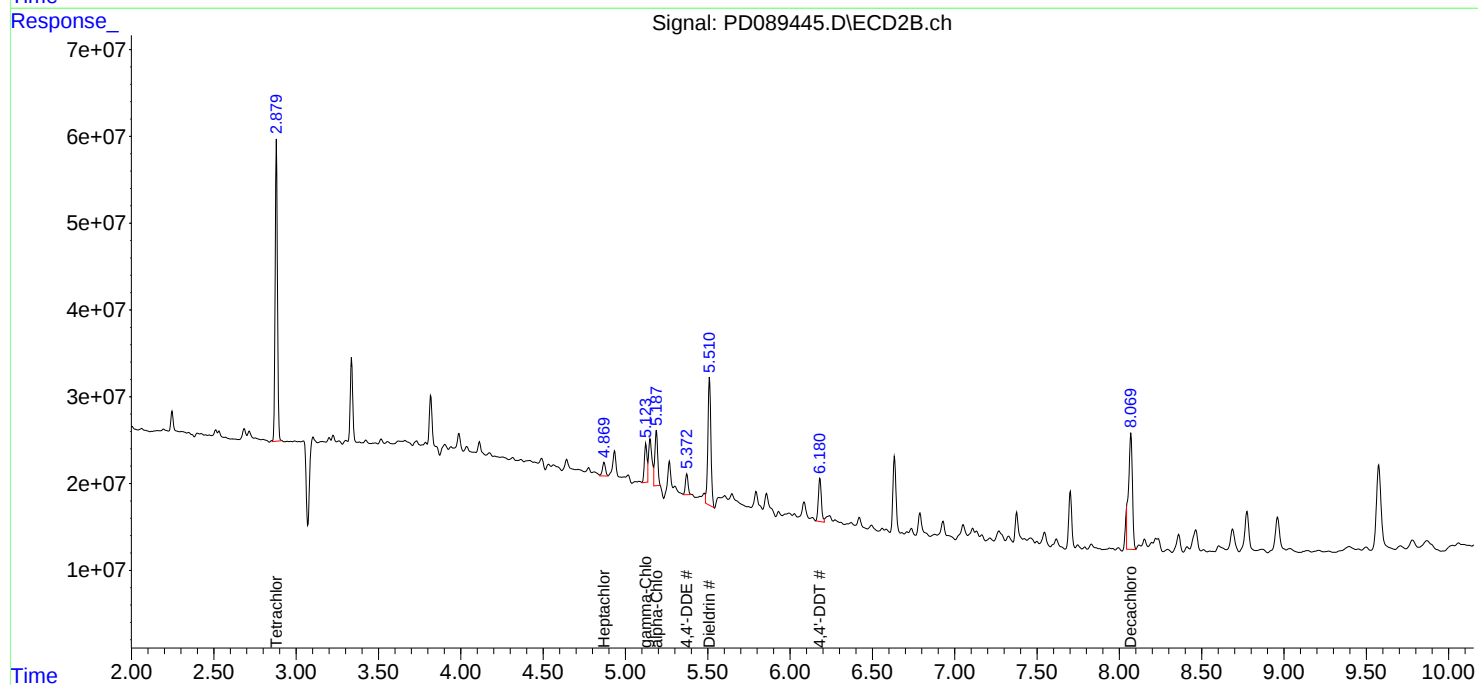
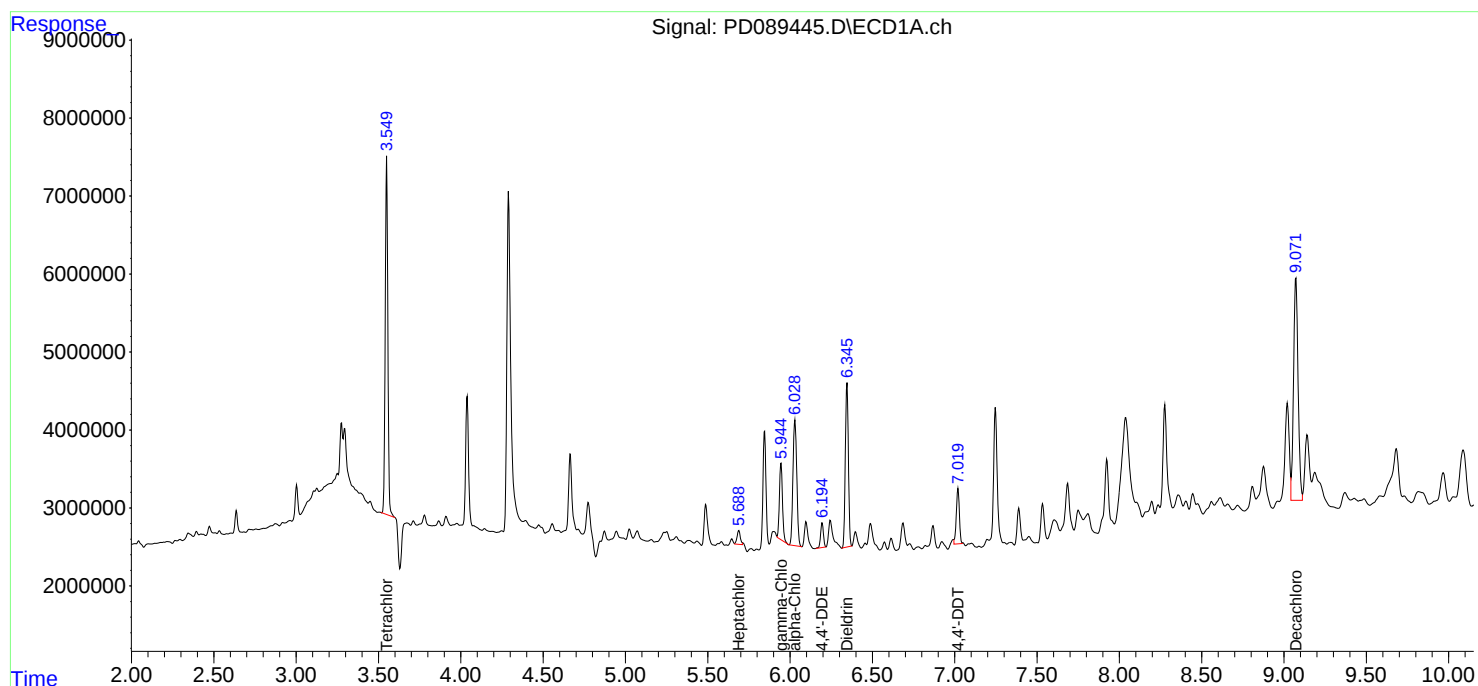
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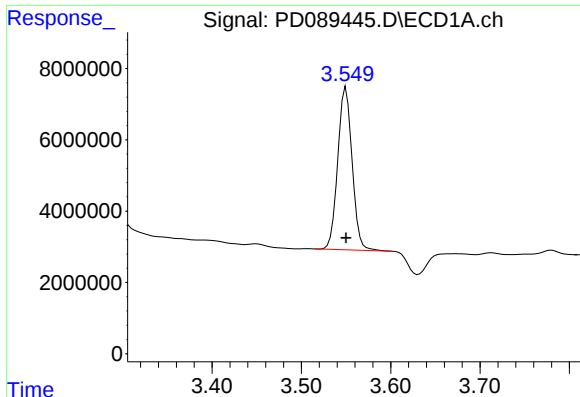
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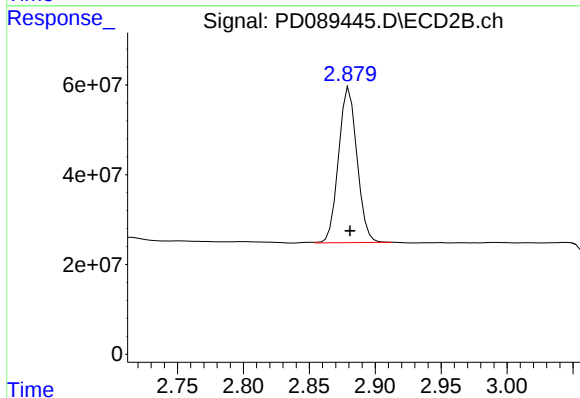
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 50873210
Conc: 17.83 ng/ml

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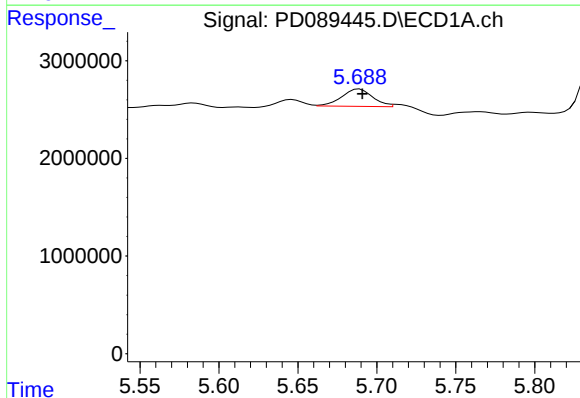
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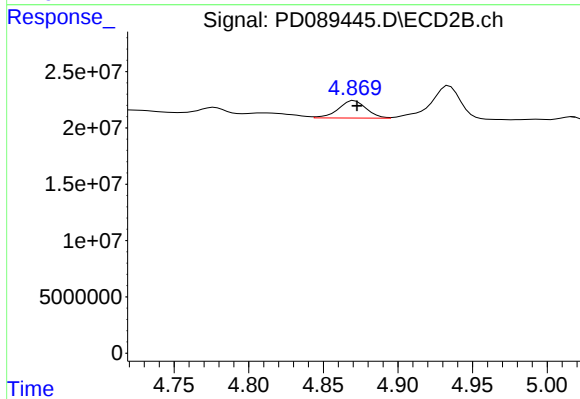
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 336561685
Conc: 19.85 ng/ml m



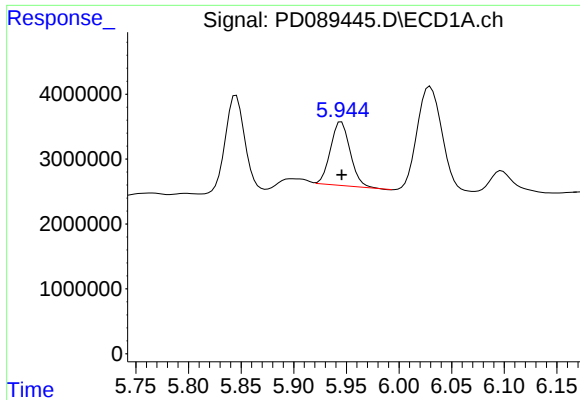
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 2459403
Conc: 0.51 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 20110631
Conc: 0.92 ng/ml m



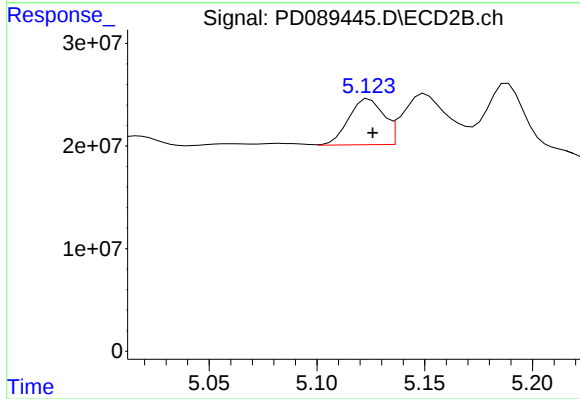
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 12810463
Conc: 2.68 ng/ml

Instrument :
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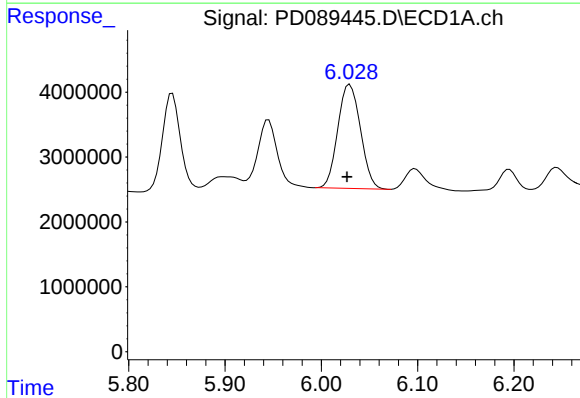
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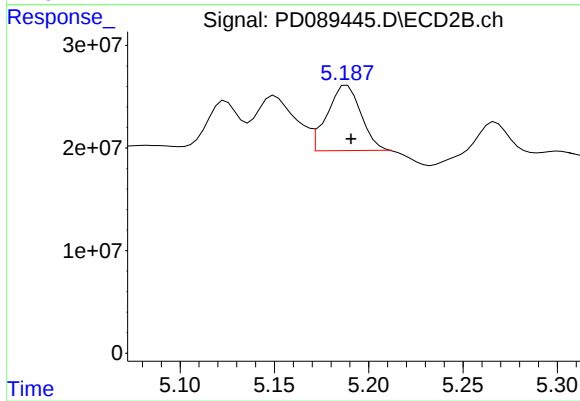
#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 54847903
Conc: 2.29 ng/ml m



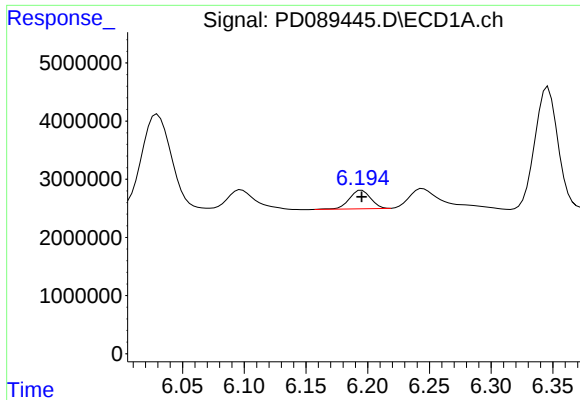
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 26166319
Conc: 5.41 ng/ml



#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 77492790
Conc: 3.38 ng/ml m



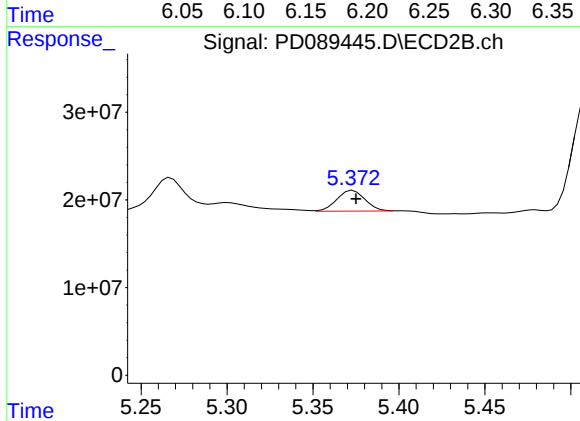
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 3788618
Conc: 0.87 ng/ml

Instrument :
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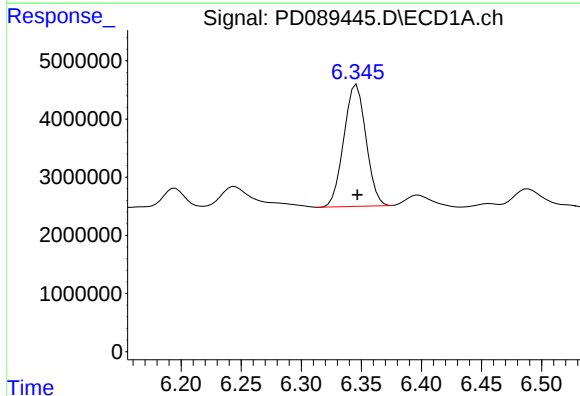
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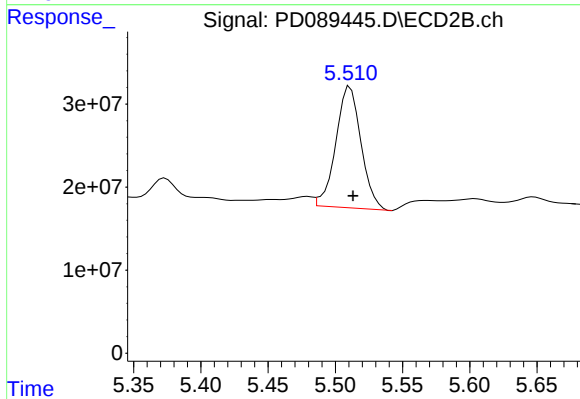
#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 27026396
Conc: 1.18 ng/ml m



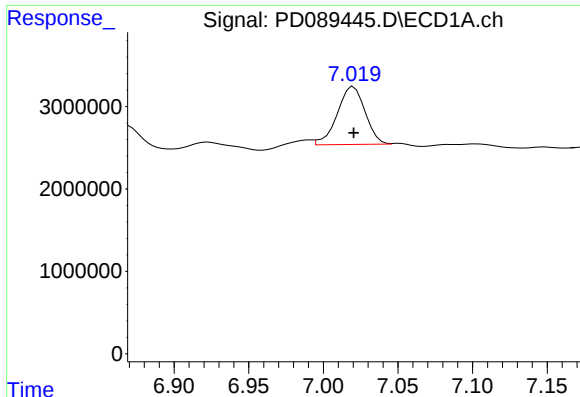
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 26882287
Conc: 5.60 ng/ml



#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 189867031
Conc: 8.18 ng/ml



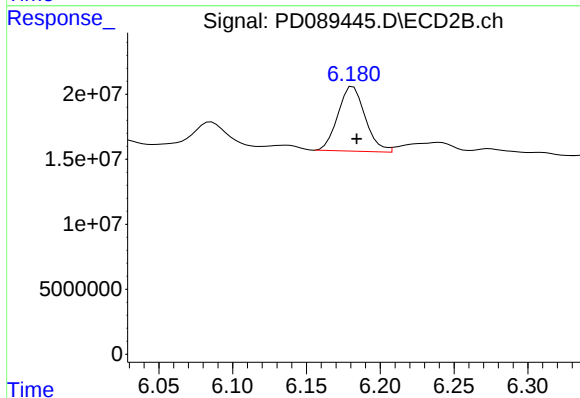
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 9104297
Conc: 2.40 ng/ml

Instrument :
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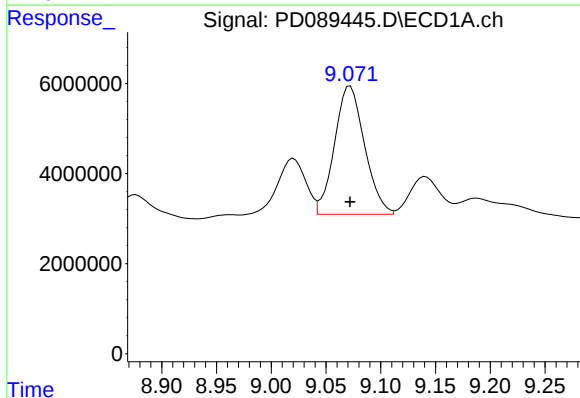
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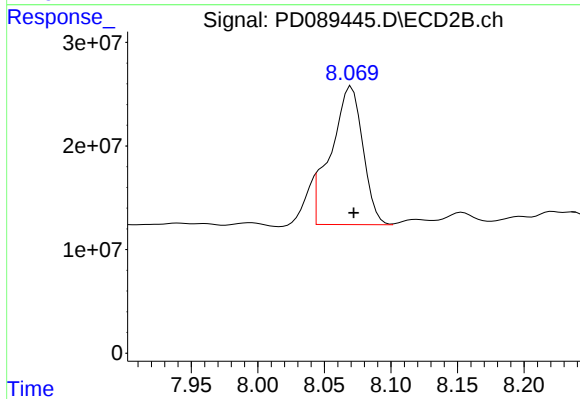
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 63873091
Conc: 3.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 54129479
Conc: 13.78 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 218897311
Conc: 11.07 ng/ml m