

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089169.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 15:30
 Operator : AR\AJ
 Sample : Q2423-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RT915

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/27/2025
 Supervised By : mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:30:15 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...	3.551	2.883	23200007	145.1E6	8.131	8.560
28)	SA Decachlor...	9.075	8.065	64379023	140.4E6	16.391m	7.101m#
Target Compounds							
4)	MA Heptachlor	4.934	4.087	10028805	59388380	1.839	2.372 #
10)	B gamma-Chl...	5.949	5.128	167.6E6	372.6E6	34.999	15.574 #
11)	B alpha-Chl...	6.033	5.192	459.3E6	842.0E6	94.933	36.775 #
12)	B 4,4'-DDE	6.193	5.375	92930225	211.0E6	21.309	9.208m#
14)	MA Endrin	6.570	5.794	4833239	33914565	1.172	1.562 #
17)	MA 4,4'-DDT	7.022	6.183	34913156	202.3E6	9.216	9.978

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

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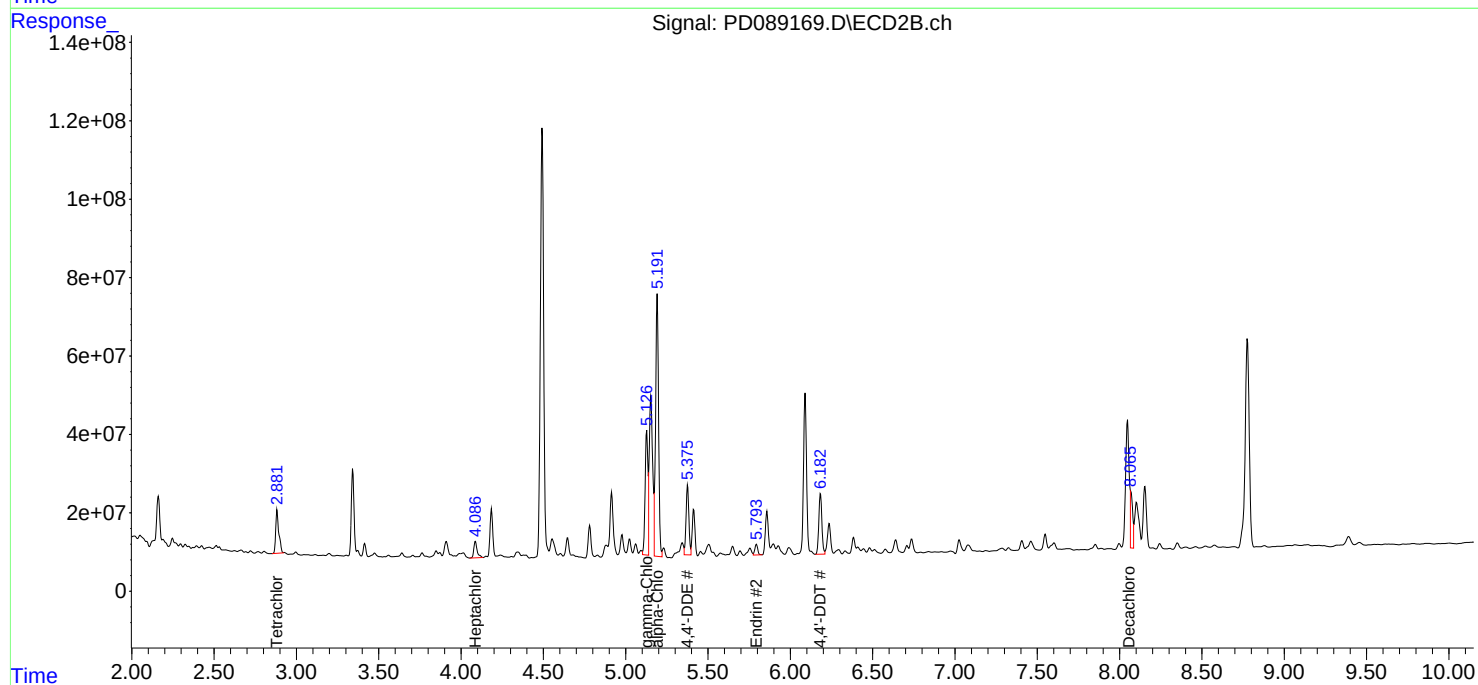
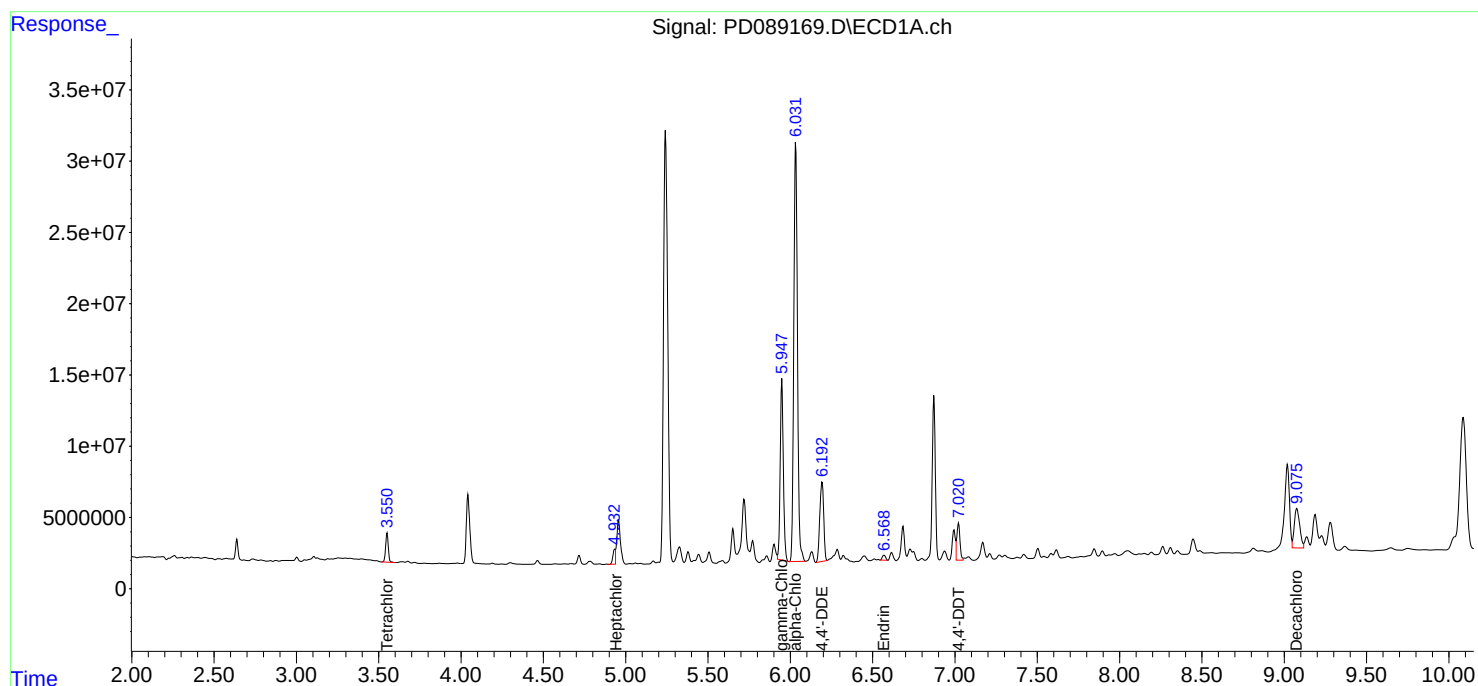
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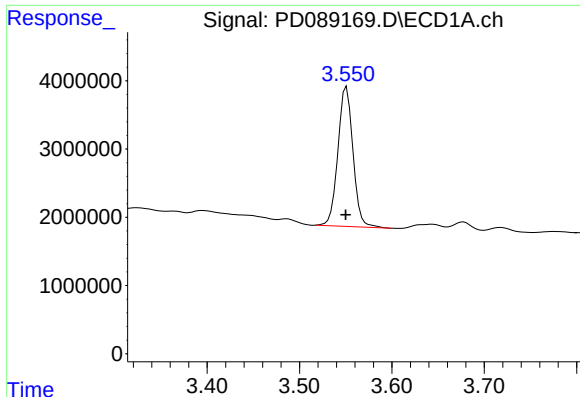
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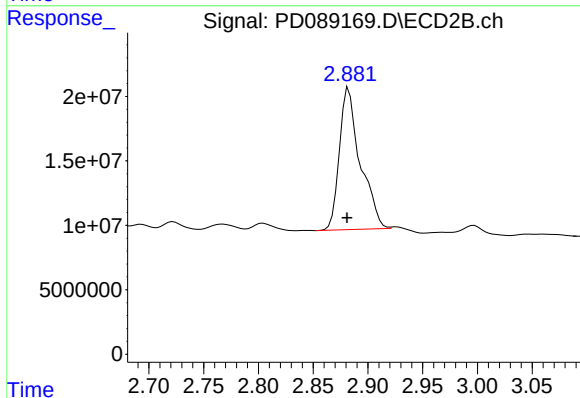
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 23200007
Conc: 8.13 ng/ml

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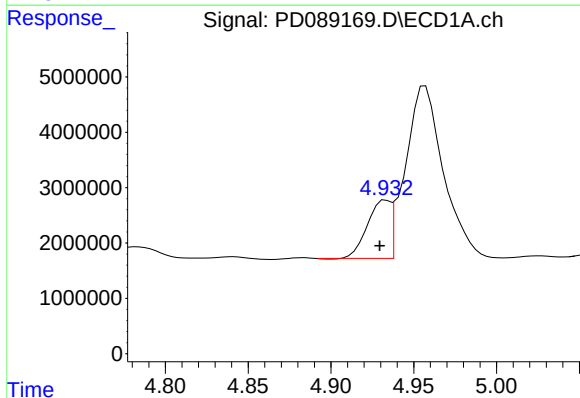
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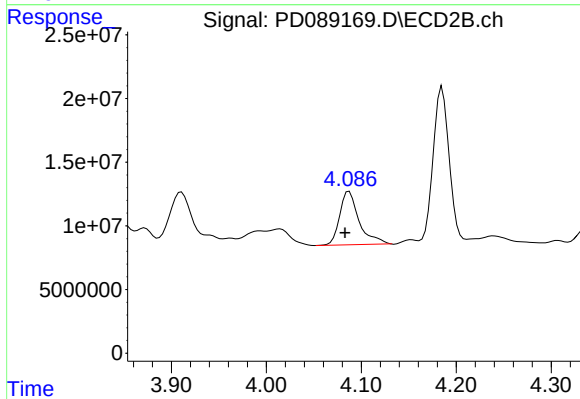
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.002 min
Response: 145116405
Conc: 8.56 ng/ml



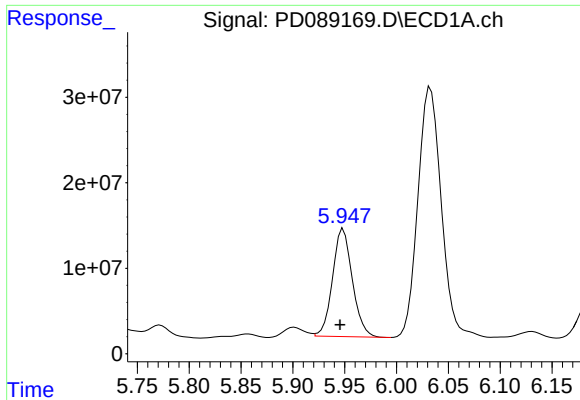
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.004 min
Response: 10028805
Conc: 1.84 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.004 min
Response: 59388380
Conc: 2.37 ng/ml



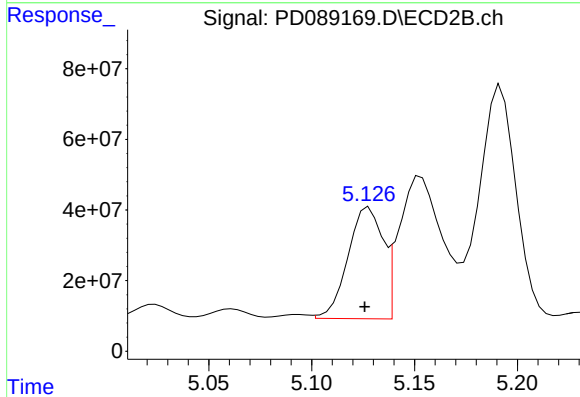
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.003 min
Response: 167579611
Conc: 35.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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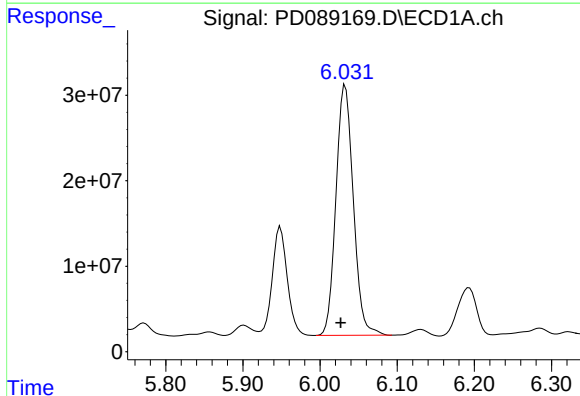
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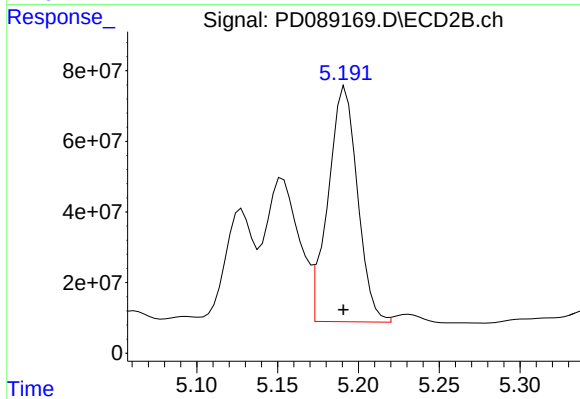
#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 372583566
Conc: 15.57 ng/ml



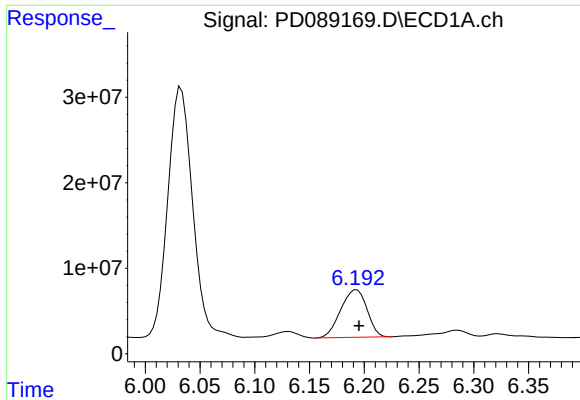
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 459335039
Conc: 94.93 ng/ml



#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: 0.001 min
Response: 842035338
Conc: 36.78 ng/ml



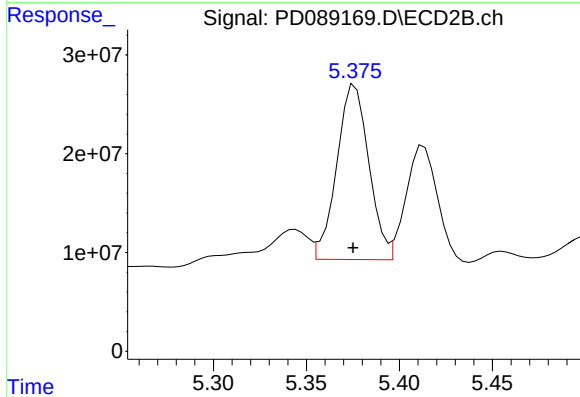
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 92930225
Conc: 21.31 ng/ml

Instrument :
ECD_D
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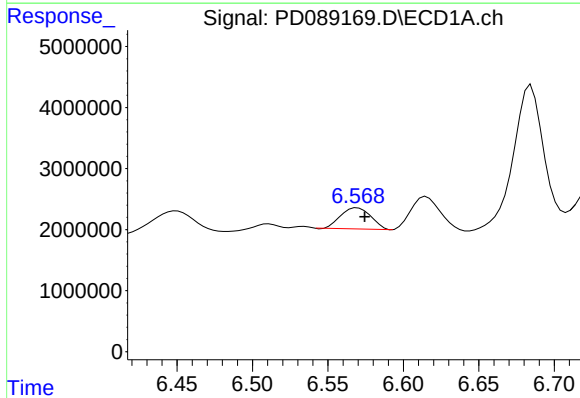
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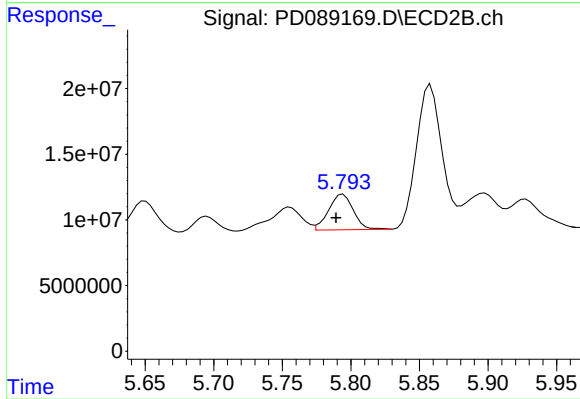
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 21100998
Conc: 9.21 ng/ml m



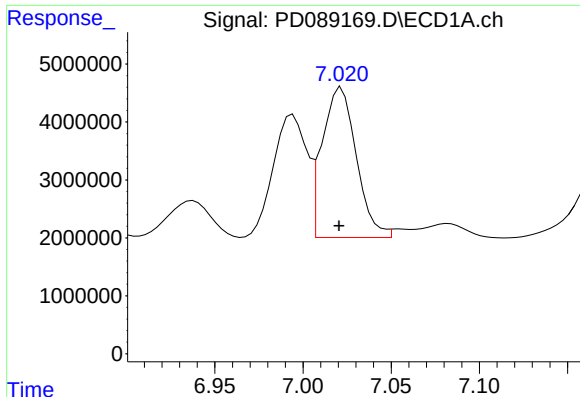
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.005 min
Response: 4833239
Conc: 1.17 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 33914565
Conc: 1.56 ng/ml



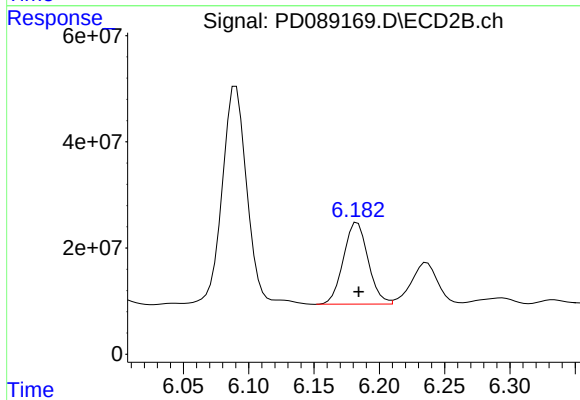
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 34913156
Conc: 9.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT915

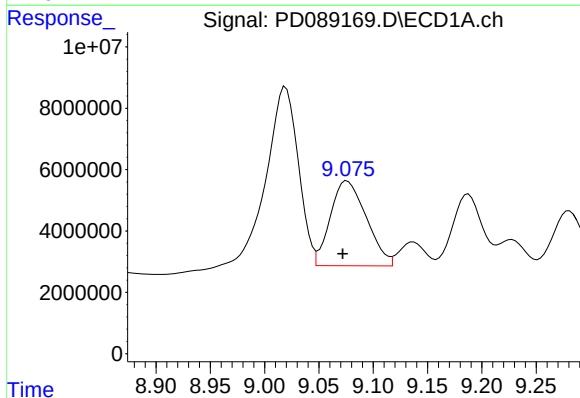
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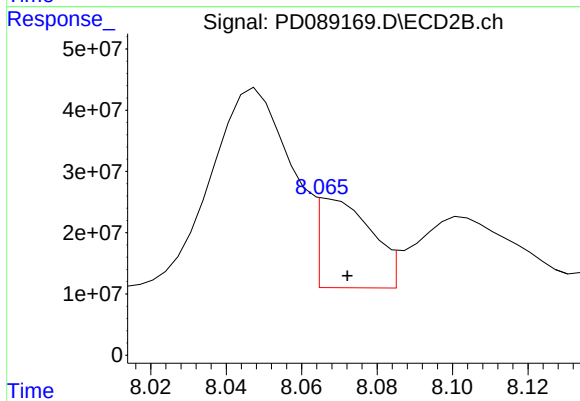
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 202342115
Conc: 9.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 64379023
Conc: 16.39 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.008 min
Response: 140385332
Conc: 7.10 ng/ml m