

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 12:35
 Operator : AR\AJ
 Sample : Q1842-31
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-13

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:17:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.552	2.884	24955932	184.0E6	12.494	12.582
28)	SA Decachlor...	9.076	8.077	38653279	186.9E6	11.684	10.114
Target Compounds							
4)	MA Heptachlor	4.930	4.085	2322748	14080316	0.575m	0.658m
10)	B gamma-Chl...	5.949	5.129	9223725	25211755	2.547	1.242m#
11)	B alpha-Chl...	6.036	5.193	20862942	45097283	5.780	2.301m#
12)	B 4,4'-DDE	6.199	5.378	1929986	18355478	0.585	0.932m#
17)	MA 4,4'-DDT	7.021	6.185	1413416	15075138	0.509m	0.886 #

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

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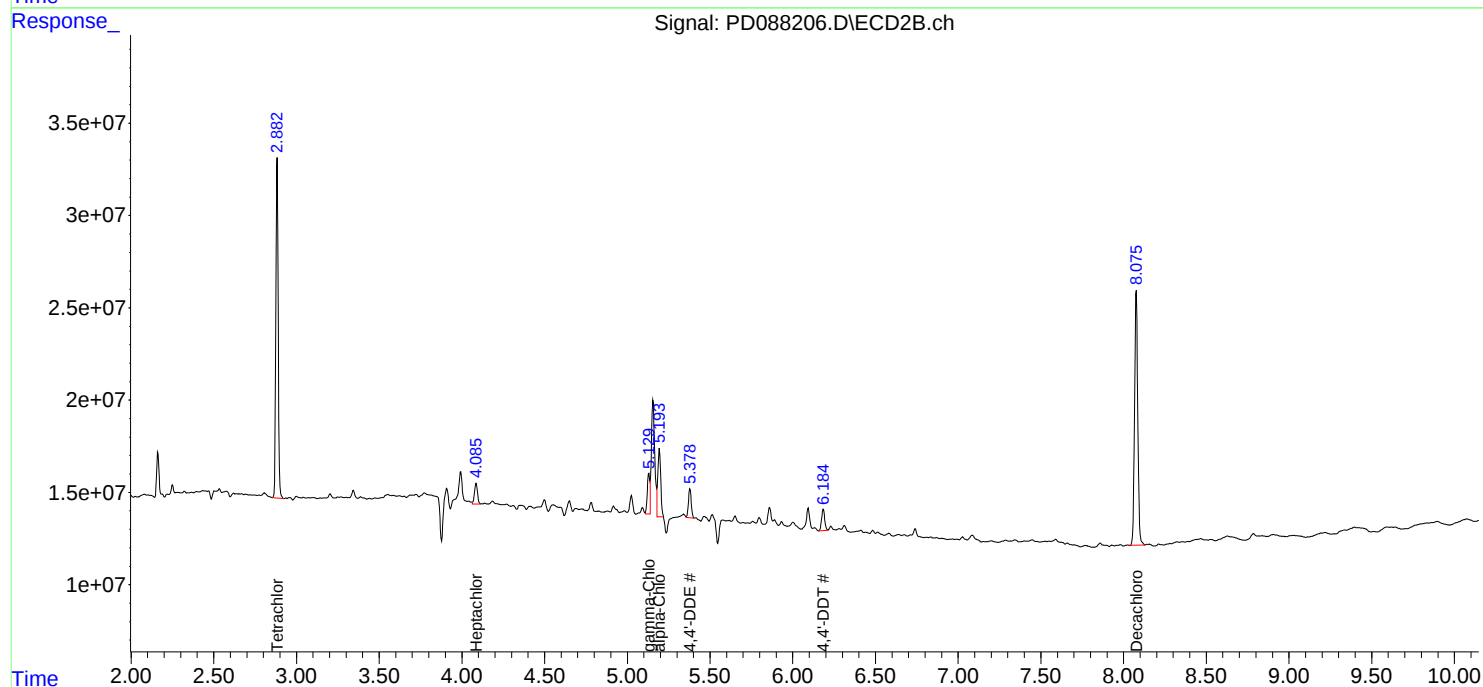
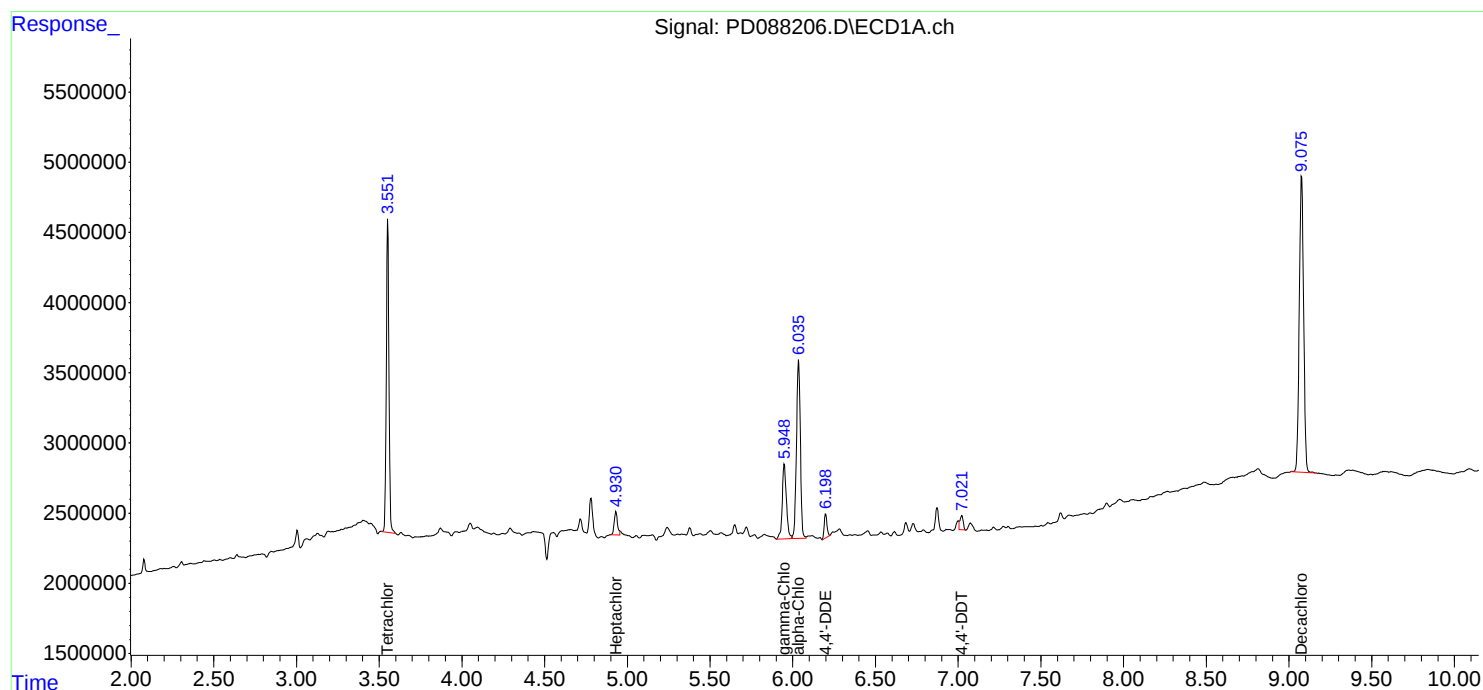
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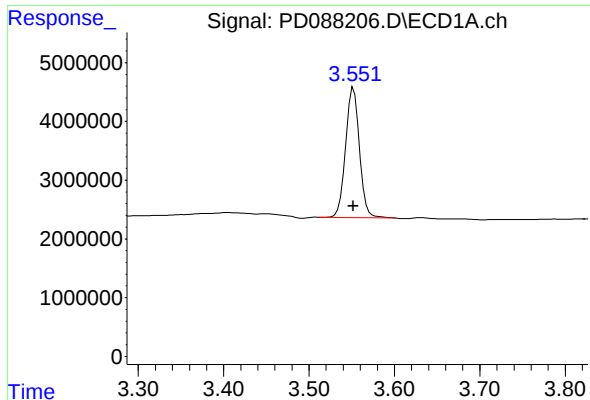
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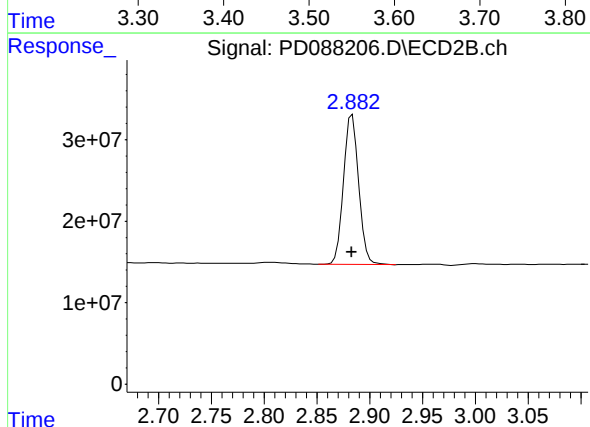
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 24955932
Conc: 12.49 ng/ml

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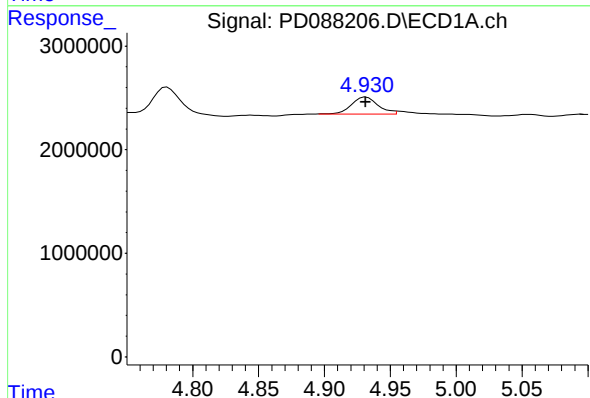
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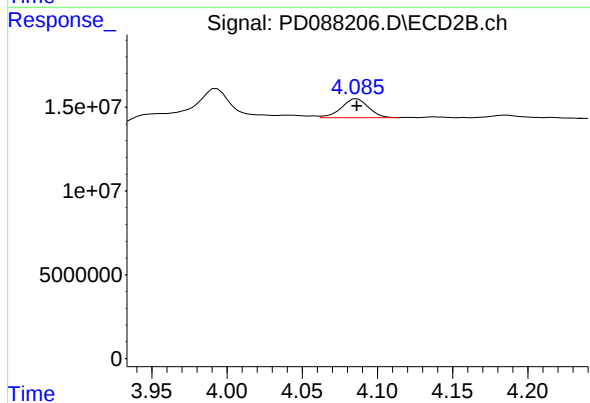
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 183968560
Conc: 12.58 ng/ml



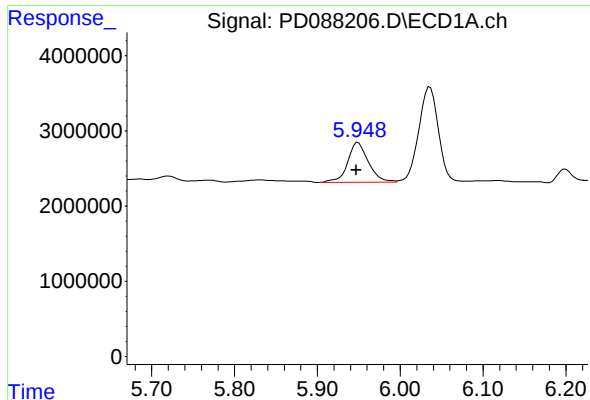
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 2322748
Conc: 0.58 ng/ml m



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 14080316
Conc: 0.66 ng/ml m



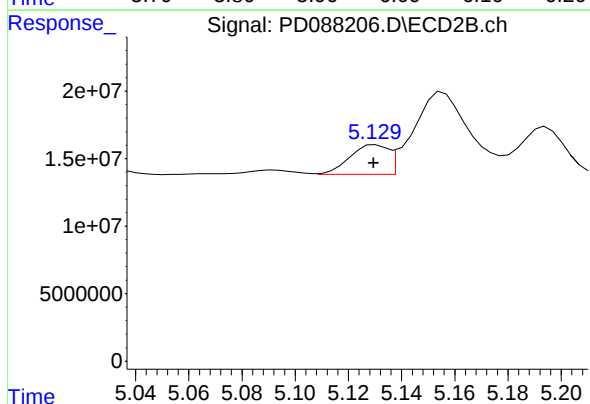
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 9223725
Conc: 2.55 ng/ml

Instrument :
ECD_D
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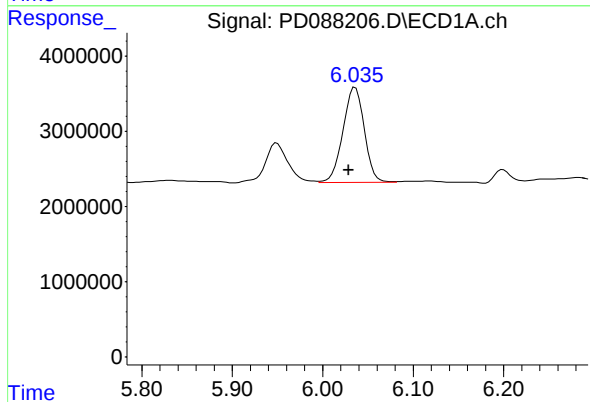
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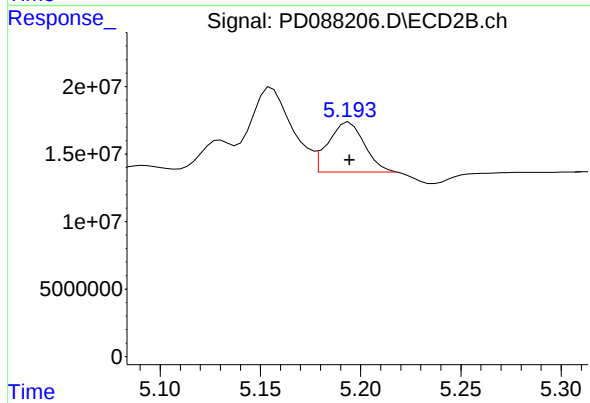
#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 25211755
Conc: 1.24 ng/ml m



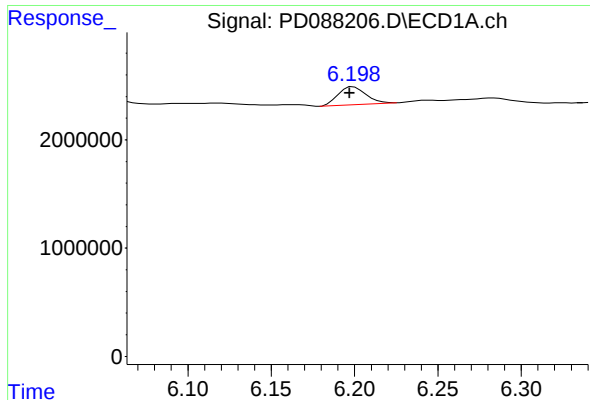
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.007 min
Response: 20862942
Conc: 5.78 ng/ml



#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 45097283
Conc: 2.30 ng/ml m



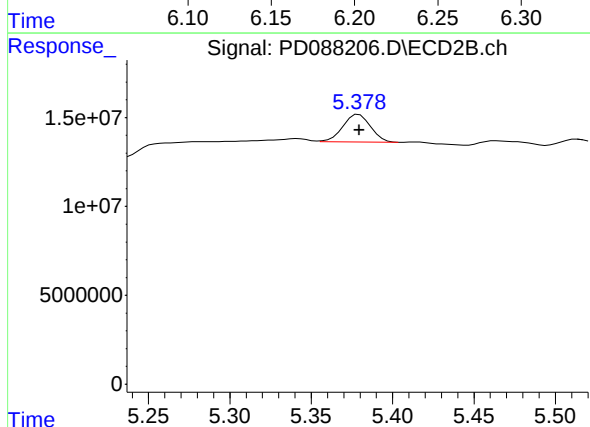
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 1929986
Conc: 0.59 ng/ml

Instrument :
ECD_D
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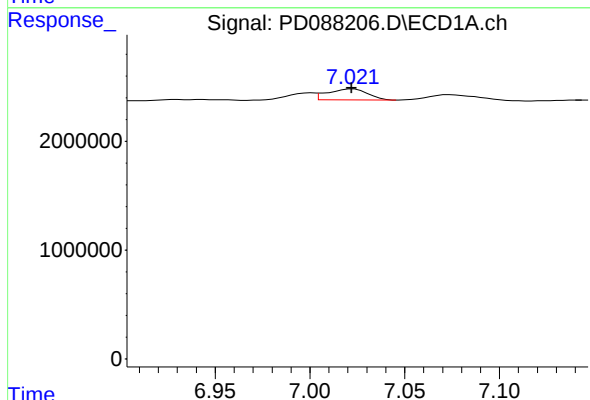
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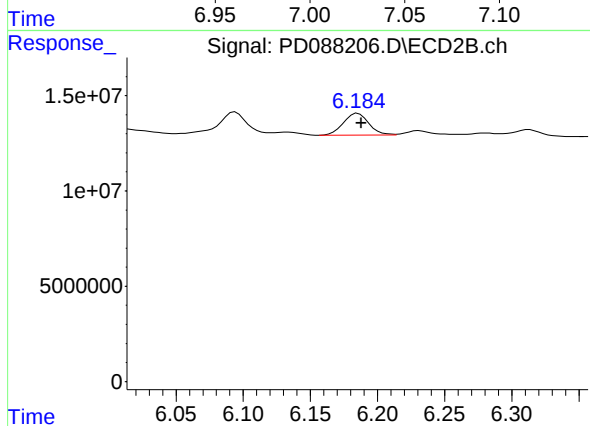
#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 18355478
Conc: 0.93 ng/ml m



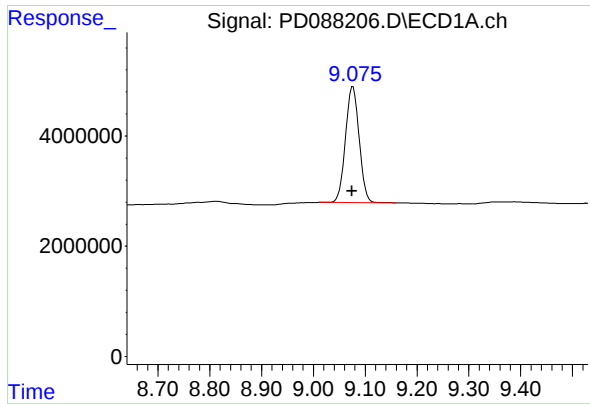
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 1413416
Conc: 0.51 ng/ml m



#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 15075138
Conc: 0.89 ng/ml



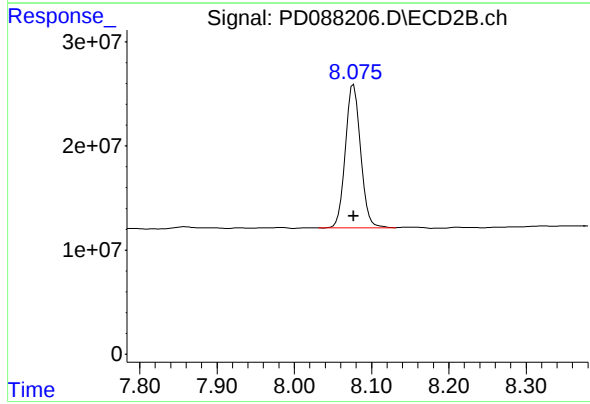
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 38653279
Conc: 11.68 ng/ml

Instrument :
ECD_D
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 186901955
Conc: 10.11 ng/ml