

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 15:11
 Operator : AR\AJ
 Sample : Q3032-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-PILE-2

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/09/2025
 Supervised By : mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:42:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.548	2.876	30240589	250.4E6	10.304m	11.356m
28)	SA Decachlor...	9.070	8.064	35762388	125.7E6	8.286	4.855 #
Target Compounds							
10)	B gamma-Chl...	5.941	5.119	6768363	26125135	1.384m	0.882m#
11)	B alpha-Chl...	6.028	5.182	13146797	47796110	2.671	1.675m#
12)	B 4,4'-DDE	6.192	5.367	13723450	119.1E6	3.127m	4.132m#
14)	MA Endrin	6.569	5.786	2058916	73468280	0.497m	2.759m#
16)	A 4,4'-DDD	6.700	5.923	14519622	101.7E6	4.198m	4.232
17)	MA 4,4'-DDT	7.018	6.176	65588619	425.8E6	17.216	16.983

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

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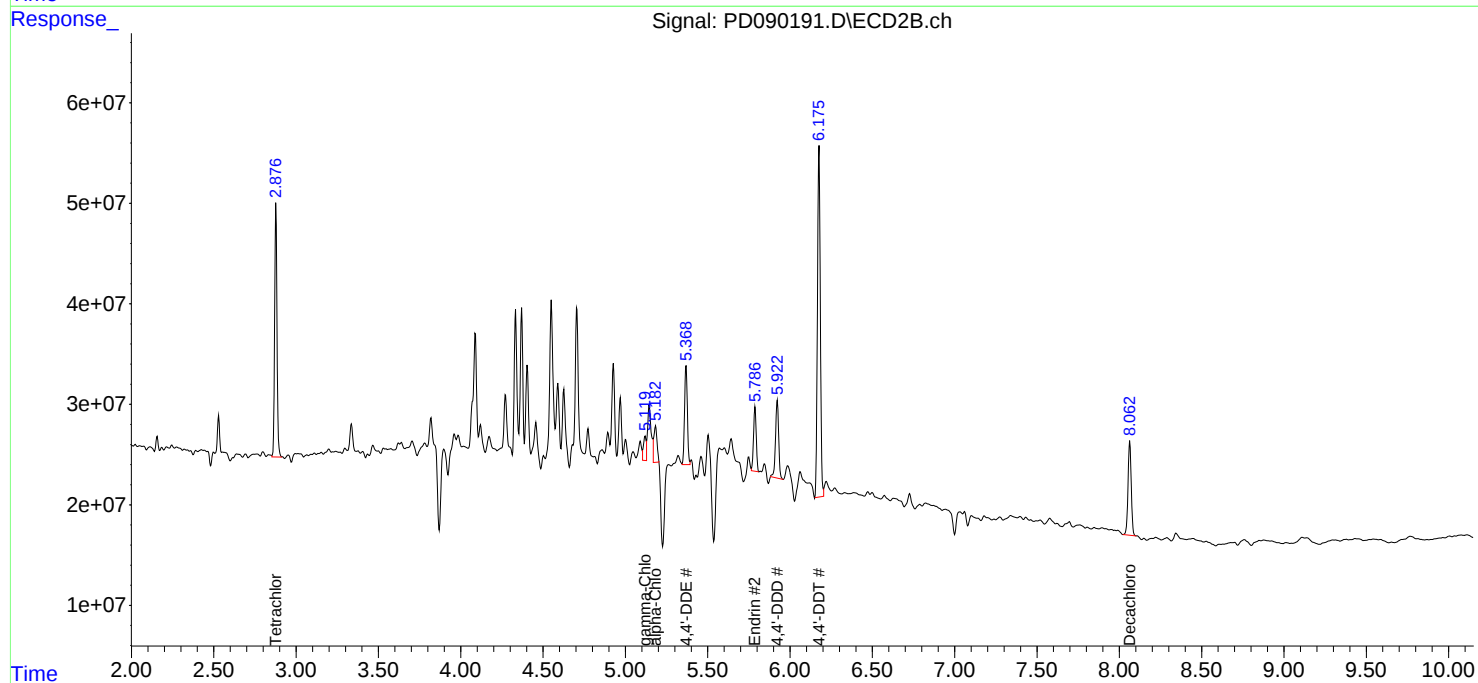
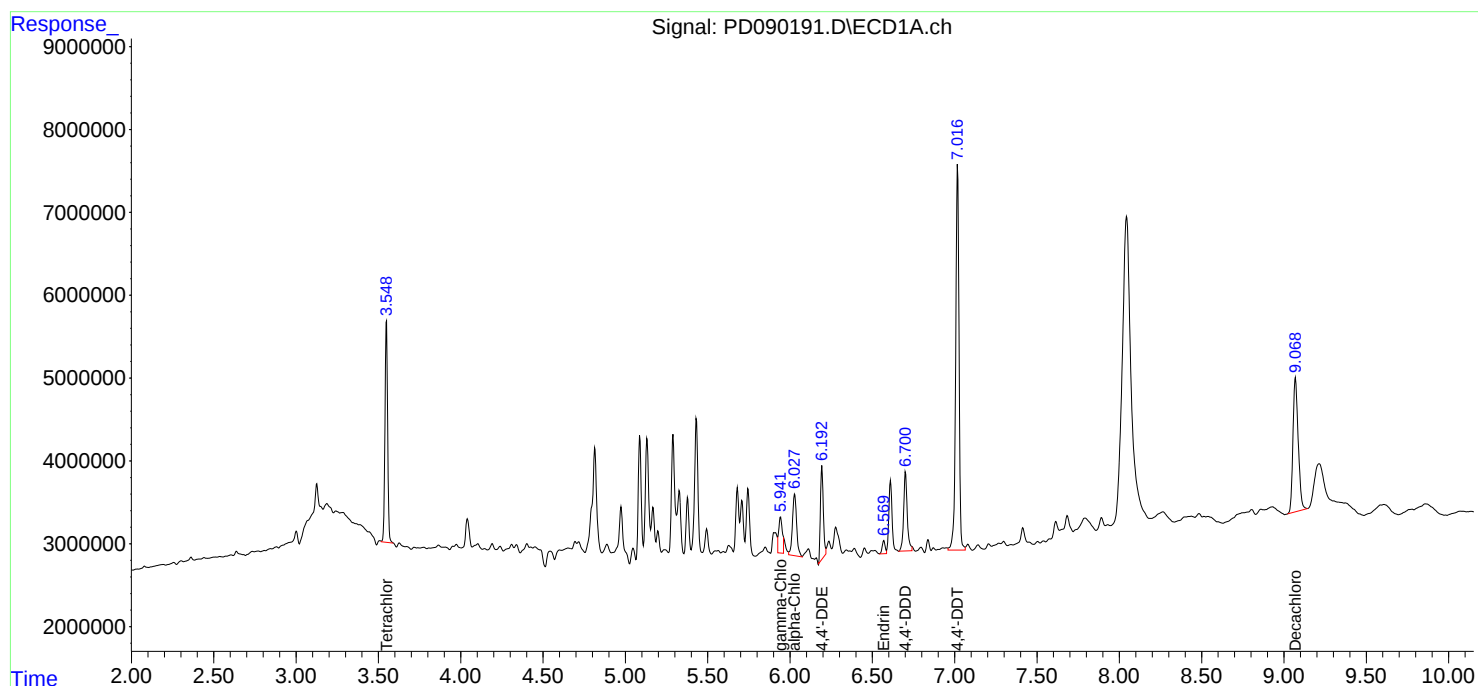
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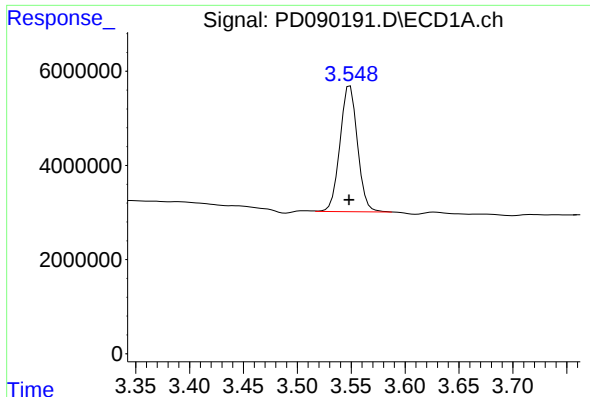
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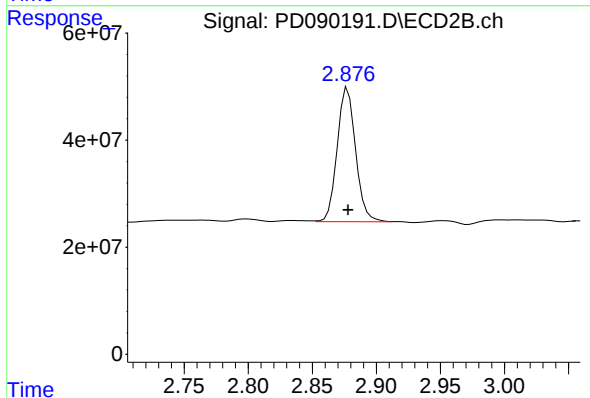
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 30240589
Conc: 10.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2

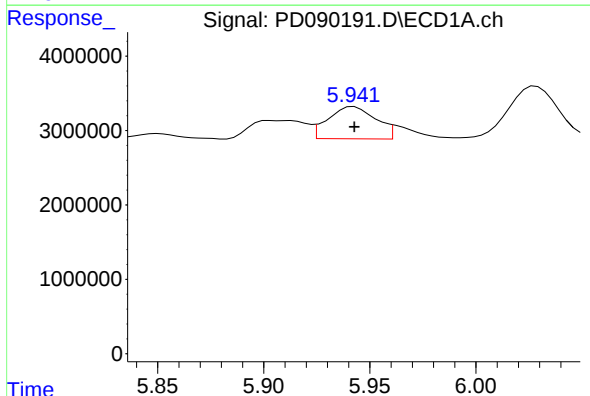
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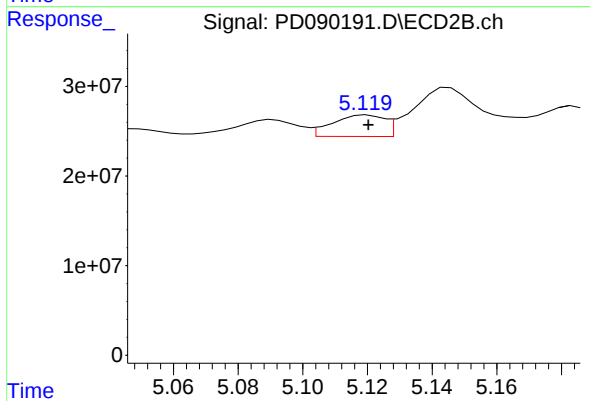
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 250416146
Conc: 11.36 ng/ml m



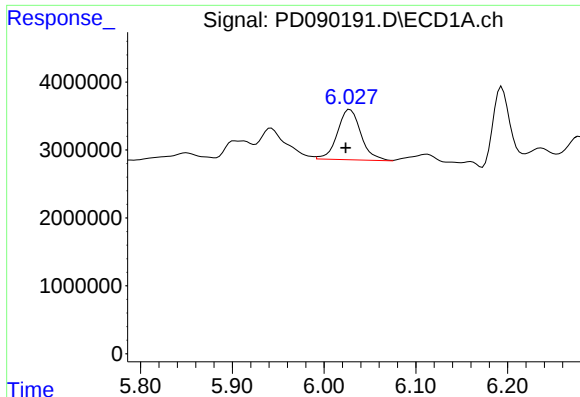
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 6768363
Conc: 1.38 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 26125135
Conc: 0.88 ng/ml m



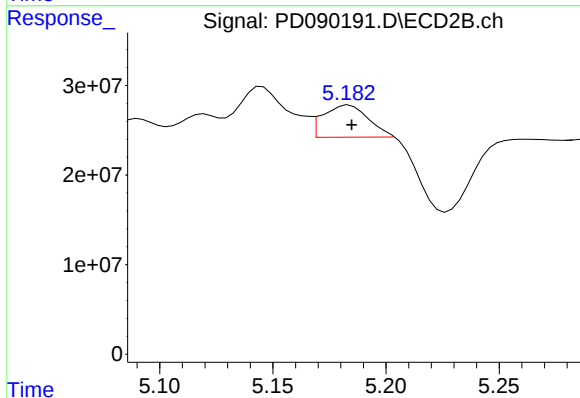
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.005 min
Response: 13146797
Conc: 2.67 ng/ml

Instrument :
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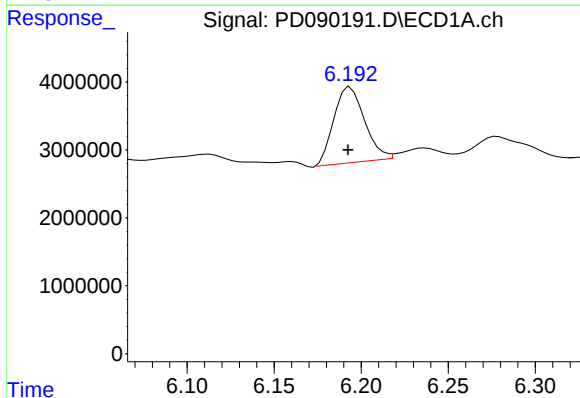
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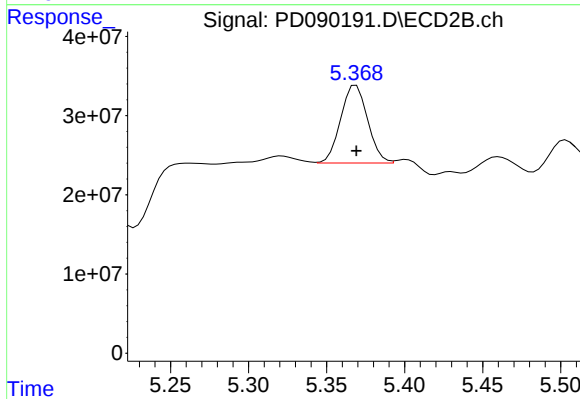
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 47796110
Conc: 1.67 ng/ml m



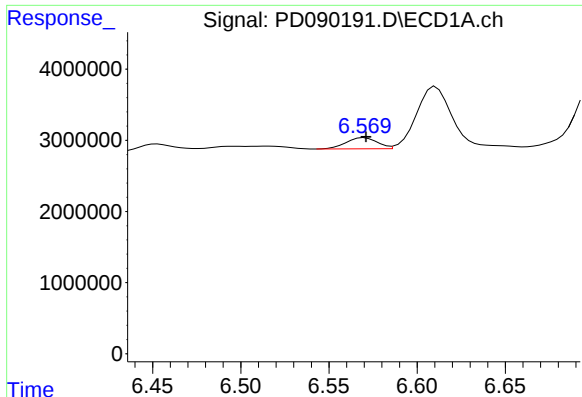
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 13723450
Conc: 3.13 ng/ml m



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 119104535
Conc: 4.13 ng/ml m



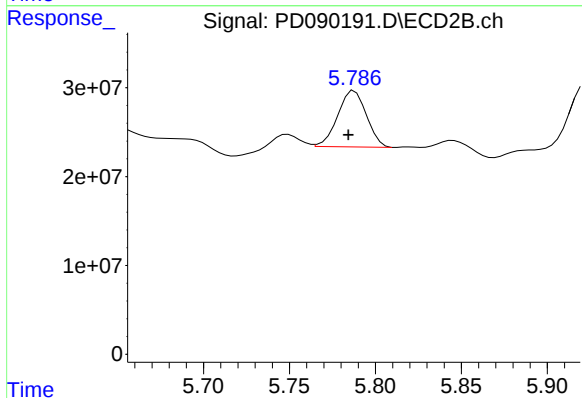
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 2058916
Conc: 0.50 ng/ml

Instrument :
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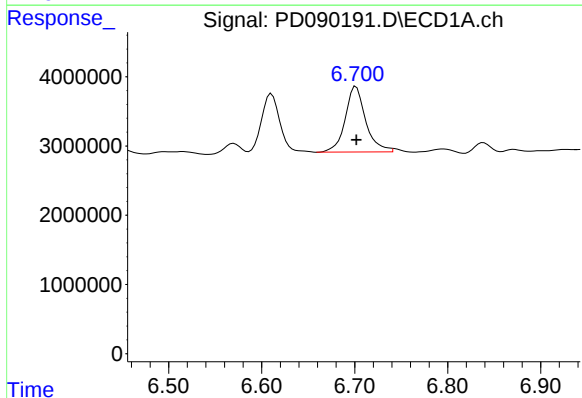
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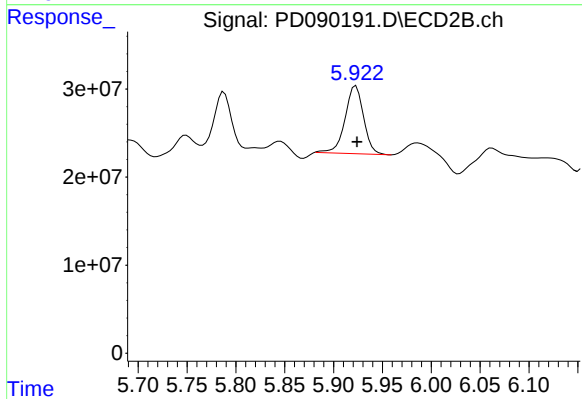
#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 73468280
Conc: 2.76 ng/ml m



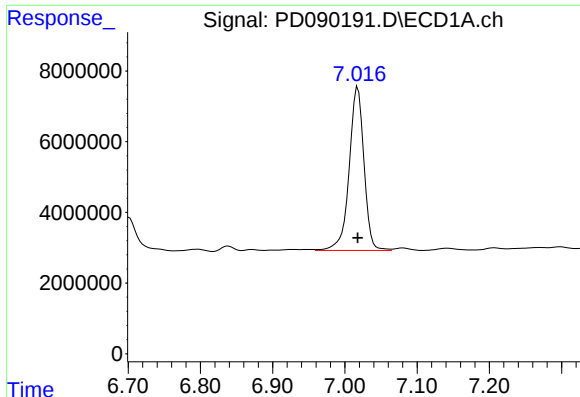
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 14519622
Conc: 4.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 101741165
Conc: 4.23 ng/ml



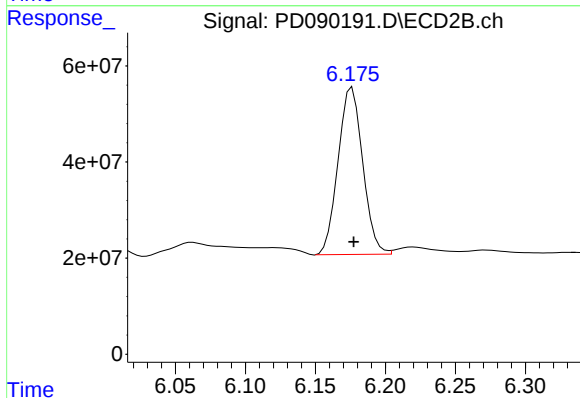
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 65588619
Conc: 17.22 ng/ml

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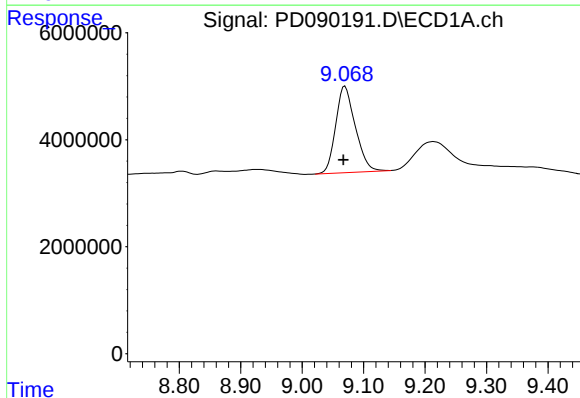
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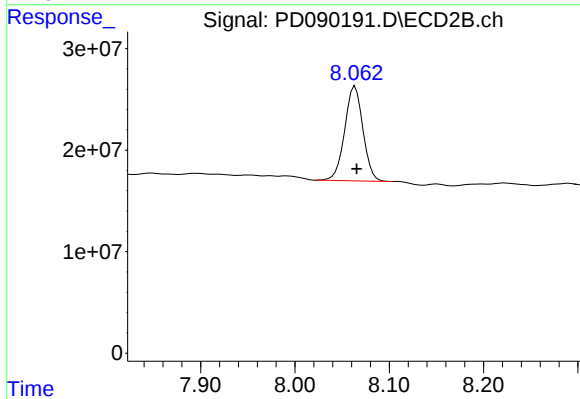
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 425755943
Conc: 16.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 35762388
Conc: 8.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 125686289
Conc: 4.86 ng/ml