

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
 Data File : PD090033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 15:34
 Operator : AR\AJ
 Sample : Q2941-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-COMP(1-2)MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/27/2025
 Supervised By : mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:59:45 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	36898604	261.9E6	12.573m	11.878m
28)	SA Decachlor...	9.072	8.066	50134776	233.6E6	11.616m	9.026
Target Compounds							
2)	A alpha-BHC	3.998	3.388	264.4E6	1365.1E6	44.046	40.222m
3)	MA gamma-BHC...	4.329	3.725	261.3E6	1266.6E6	45.631	40.633
4)	MA Heptachlor	4.928	4.078	237.1E6	1239.8E6	42.278	39.749
5)	MB Aldrin	5.269	4.364	245.3E6	1246.4E6	45.298	40.924
6)	B beta-BHC	4.516	4.021	89521297	580.9E6	39.911	43.579
7)	B delta-BHC	4.764	4.257	198.9E6	1049.3E6	38.408	33.258
8)	B Heptachlo...	5.690	4.867	217.5E6	1143.6E6	44.317	41.294
9)	A Endosulfan I	6.073	5.243	215.2E6	1051.2E6	46.624	40.089
10)	B gamma-Chl...	5.944	5.120	220.5E6	1261.0E6	45.073m	42.585
11)	B alpha-Chl...	6.025	5.185	221.6E6	1216.3E6	45.025	42.620
12)	B 4,4'-DDE	6.195	5.369	182.9E6	1184.4E6	41.690	41.093
13)	MA Dieldrin	6.346	5.507	221.7E6	1294.2E6	45.276	44.189
14)	MA Endrin	6.573	5.784	191.2E6	1083.2E6	46.154	40.671
15)	B Endosulfa...	6.786	6.076	187.8E6	1051.5E6	44.495	41.569
16)	A 4,4'-DDD	6.705	5.925	159.5E6	931.2E6	46.102	38.730
17)	MA 4,4'-DDT	7.021	6.178	158.9E6	935.5E6	41.707	37.317
18)	B Endrin al...	6.915	6.254	117.6E6	663.0E6	41.018	38.505
19)	B Endosulfa...	7.149	6.477	167.8E6	940.3E6	42.810	38.570
20)	A Methoxychlor	7.491	6.748	74409514	445.7E6	37.101m	34.562
21)	B Endrin ke...	7.630	6.986	176.6E6	980.8E6	42.604	36.811
22)	Mirex	8.110	7.180	183.3E6	777.6E6	58.107m	37.644 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
Data File : PD090033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 15:34
Operator : AR\AJ
Sample : Q2941-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

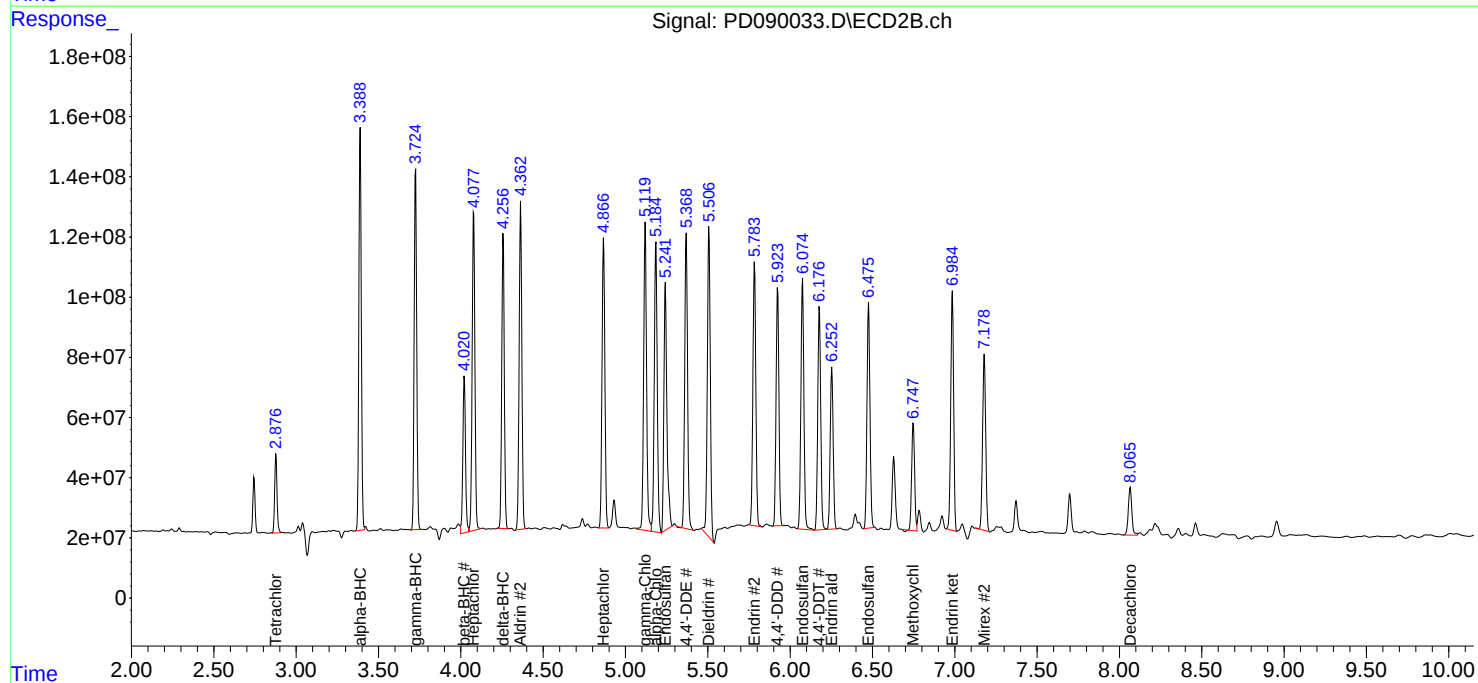
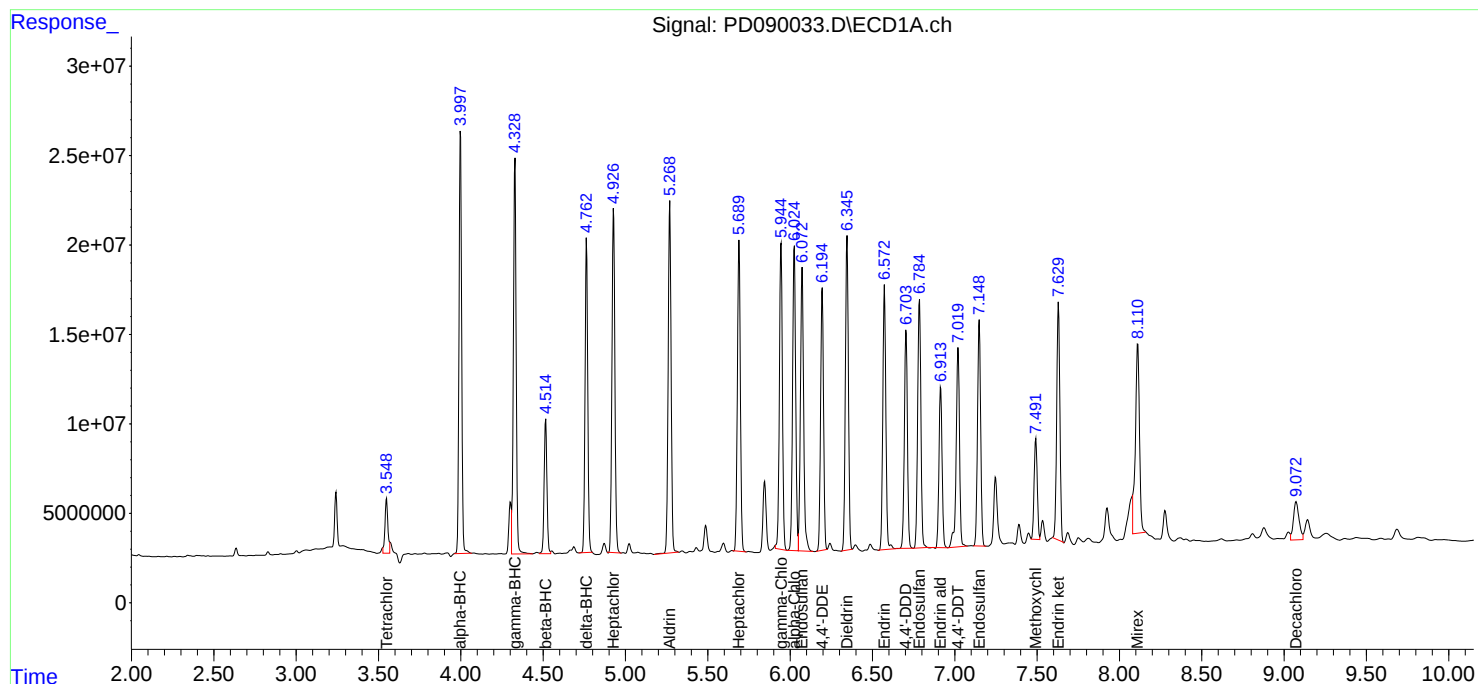
Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

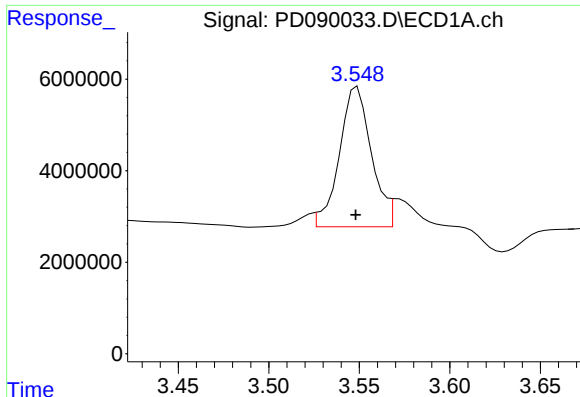
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 04:59:45 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
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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





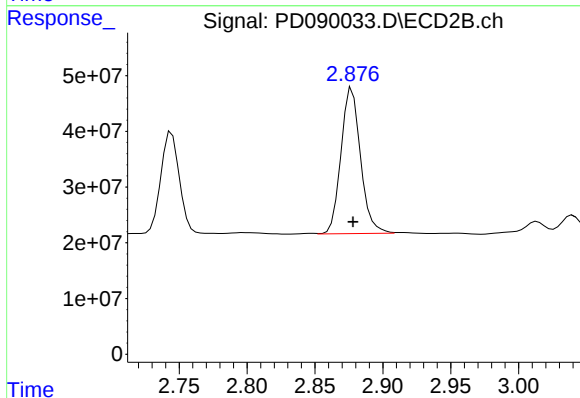
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 36898604
Conc: 12.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

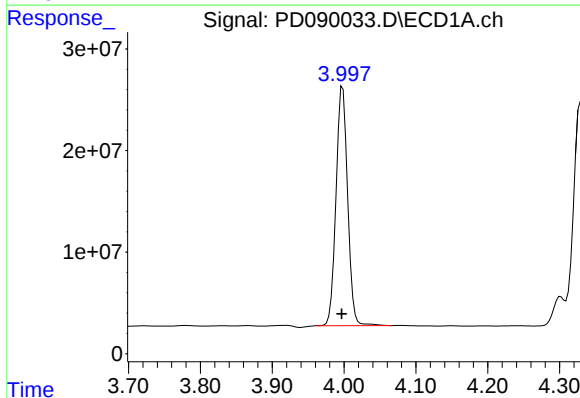
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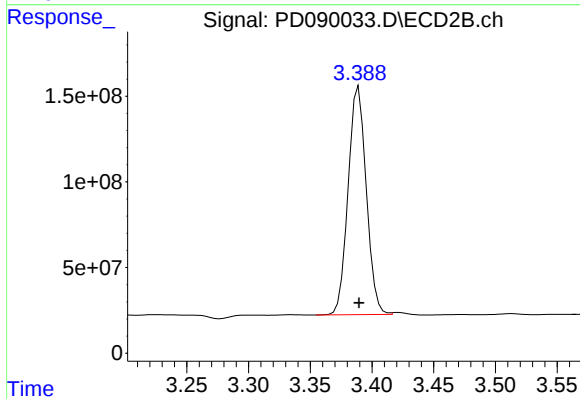
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 261915622
Conc: 11.88 ng/ml m



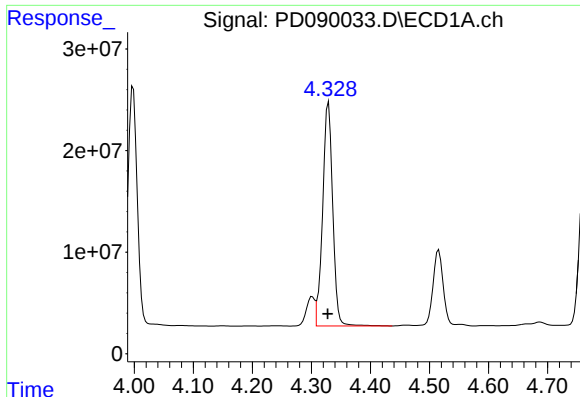
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 264373687
Conc: 44.05 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1365092291
Conc: 40.22 ng/ml m



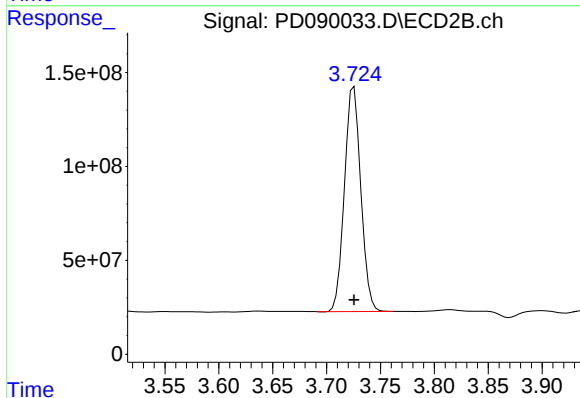
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 261320236
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

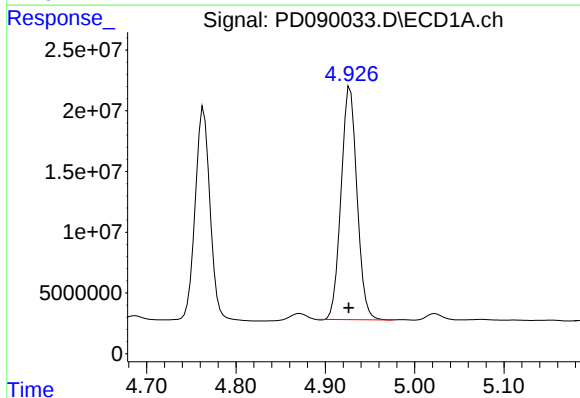
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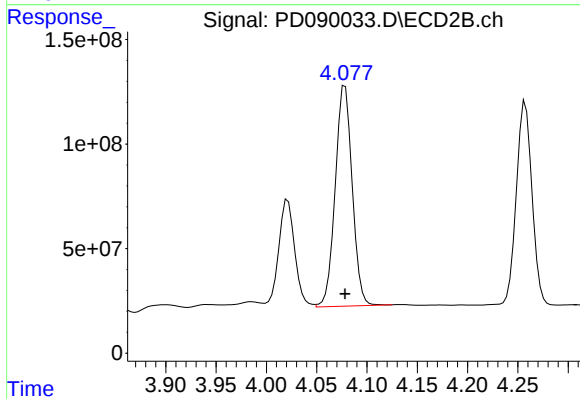
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1266565860
Conc: 40.63 ng/ml



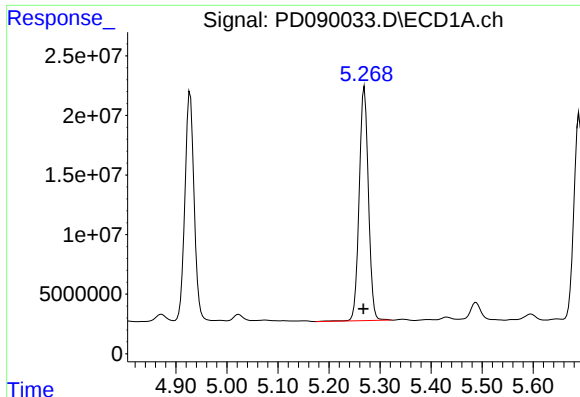
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 237144657
Conc: 42.28 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1239826198
Conc: 39.75 ng/ml



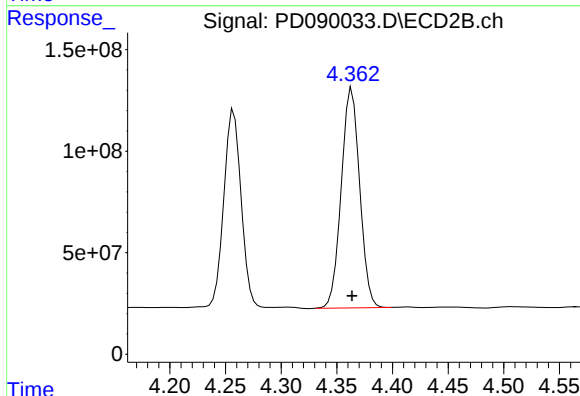
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 245269307
Conc: 45.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

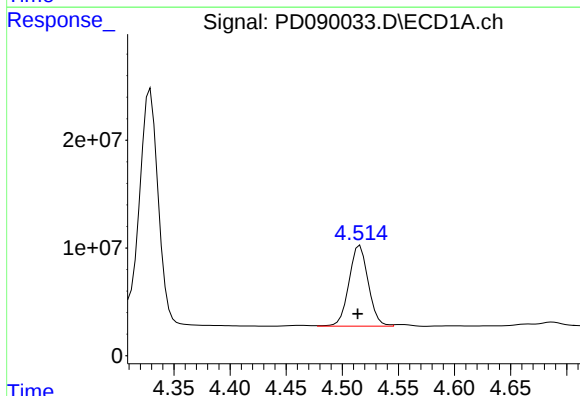
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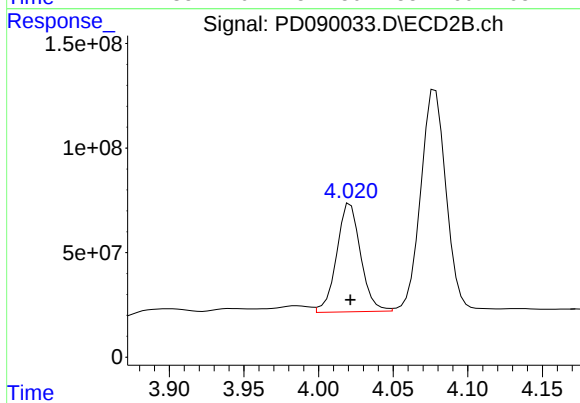
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1246354648
Conc: 40.92 ng/ml



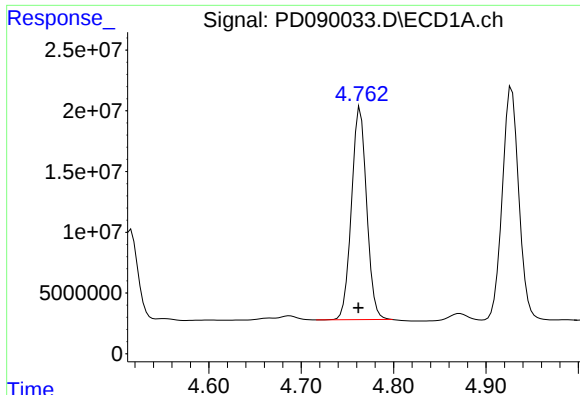
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 89521297
Conc: 39.91 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 580919228
Conc: 43.58 ng/ml



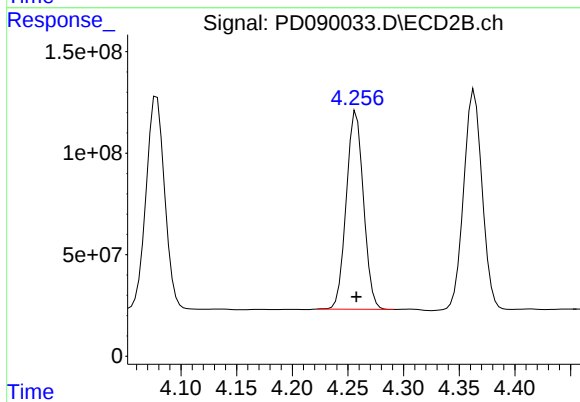
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 198867742
Conc: 38.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

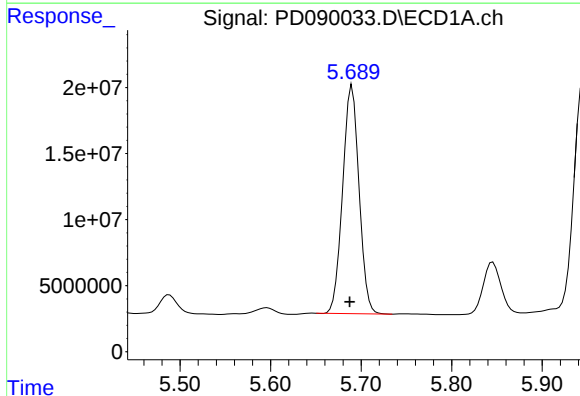
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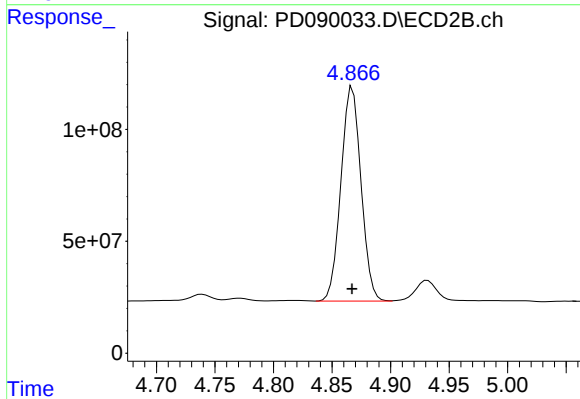
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1049284246
Conc: 33.26 ng/ml



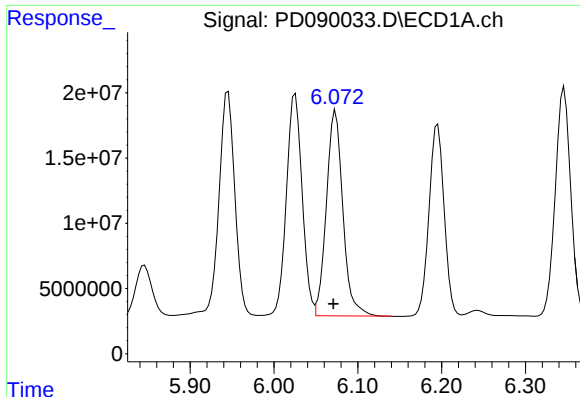
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 217452527
Conc: 44.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1143644090
Conc: 41.29 ng/ml



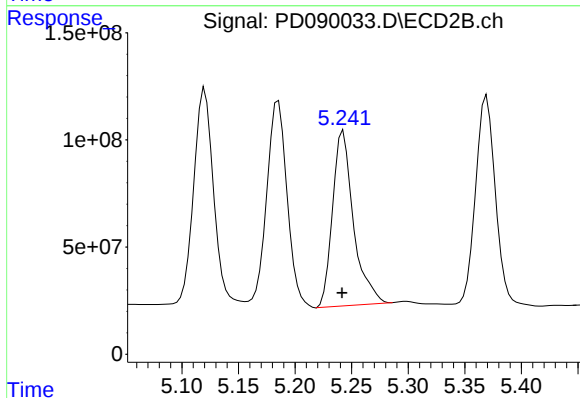
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 215165453
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

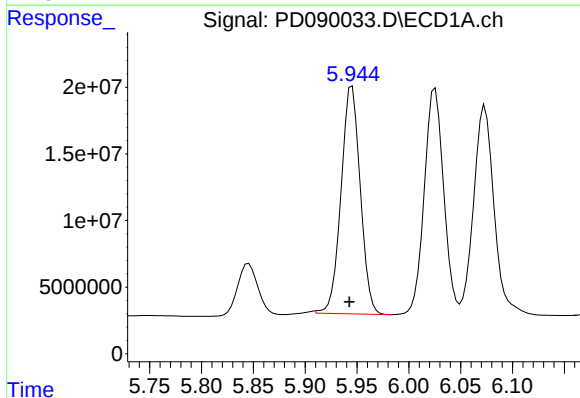
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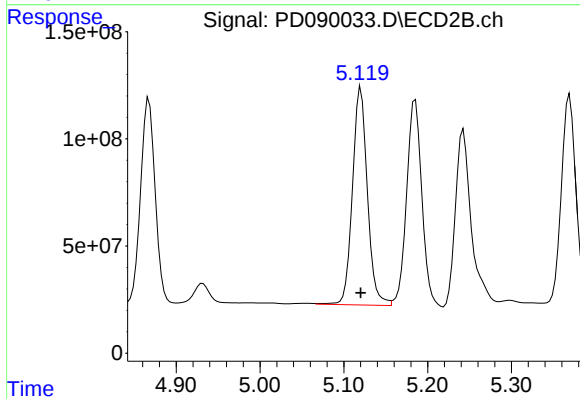
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 1051211639
Conc: 40.09 ng/ml



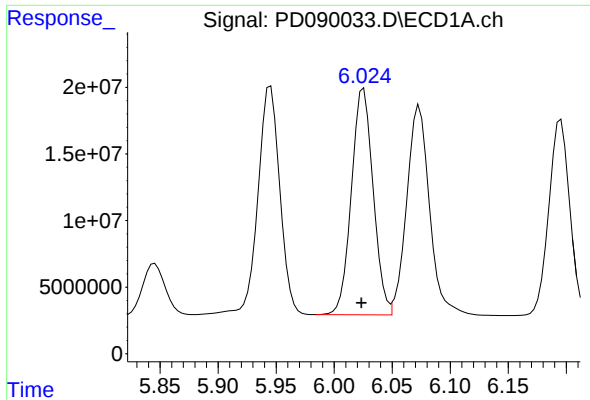
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 220453501
Conc: 45.07 ng/ml m



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1260997663
Conc: 42.59 ng/ml



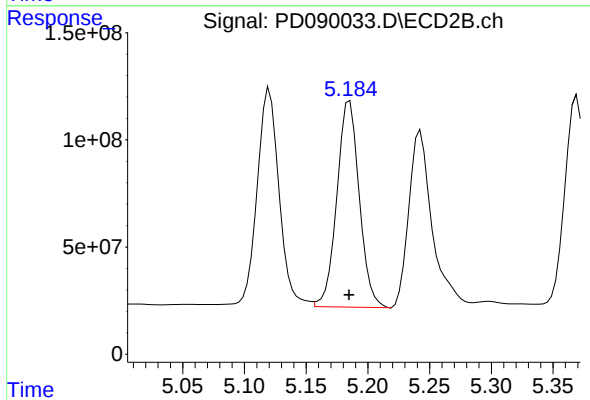
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 221630019
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

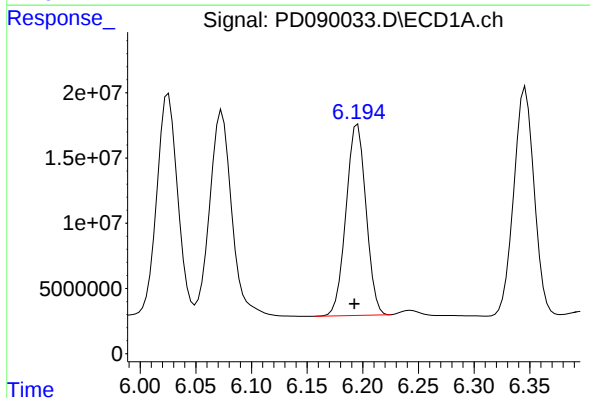
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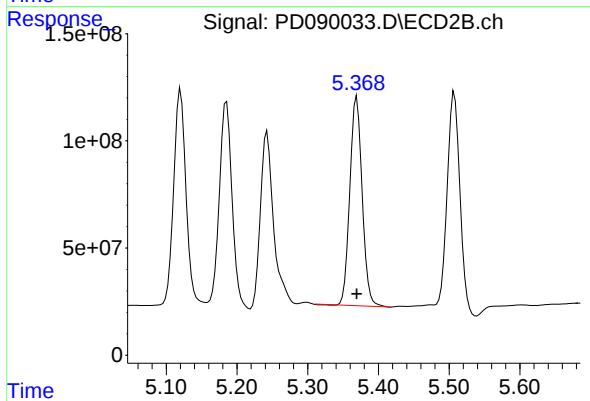
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1216289102
Conc: 42.62 ng/ml



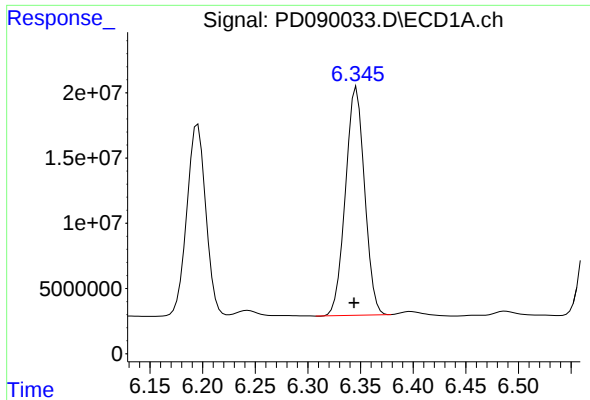
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 182947012
Conc: 41.69 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1184421549
Conc: 41.09 ng/ml



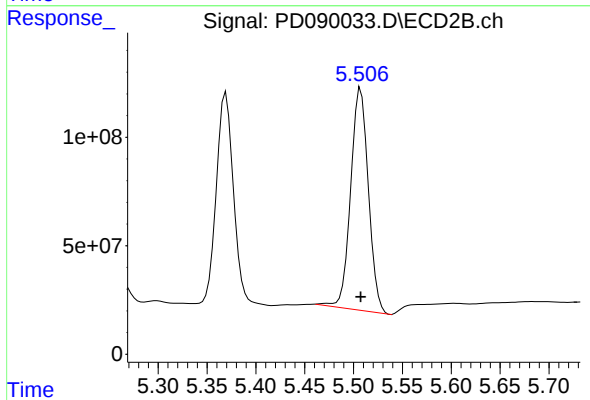
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 221658647
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

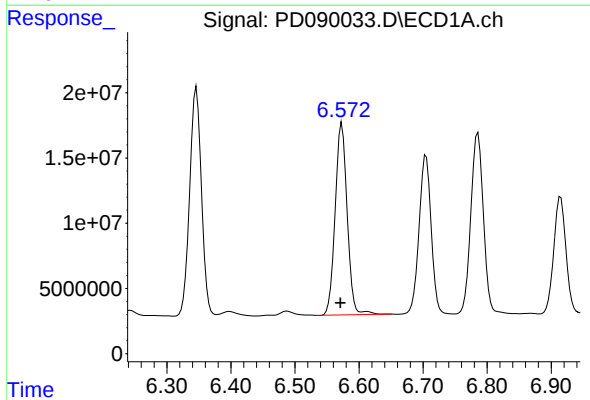
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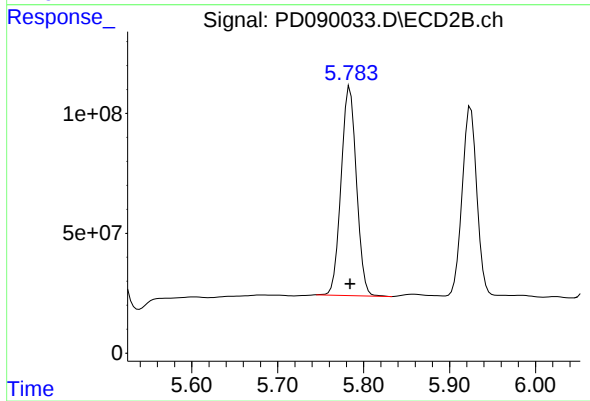
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1294164728
Conc: 44.19 ng/ml



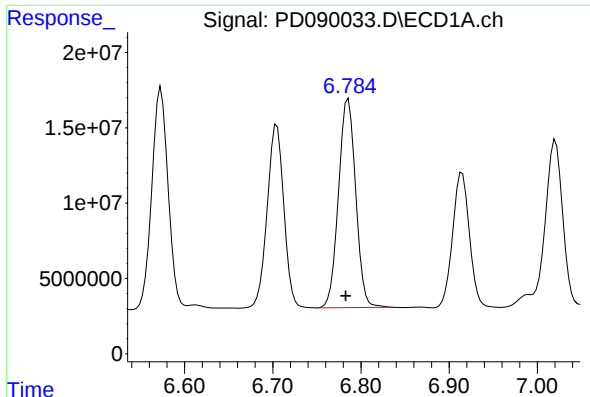
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 191242736
Conc: 46.15 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1083162506
Conc: 40.67 ng/ml



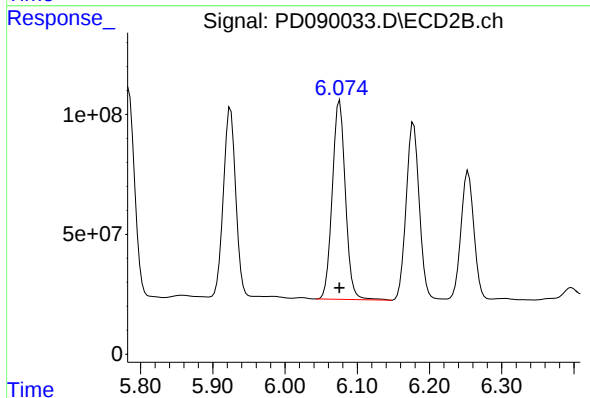
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 187755344
Conc: 44.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

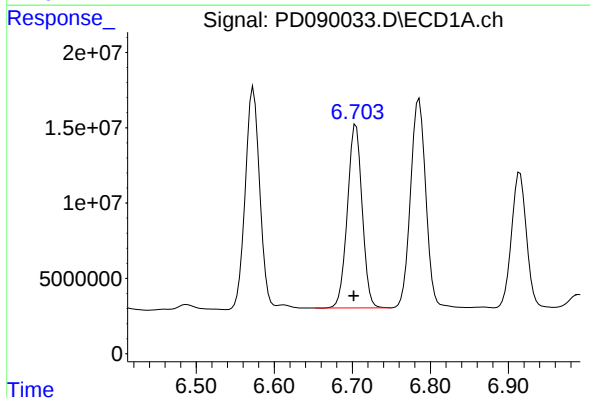
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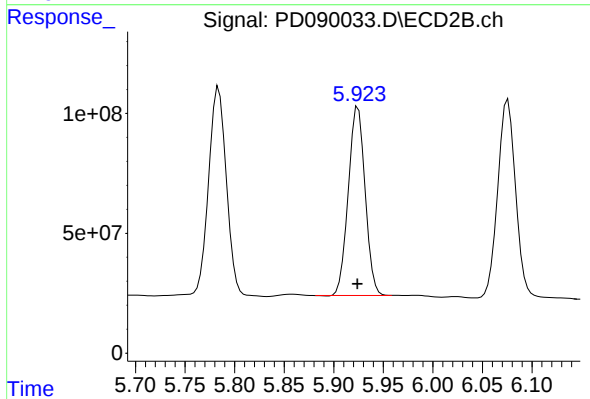
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1051478657
Conc: 41.57 ng/ml



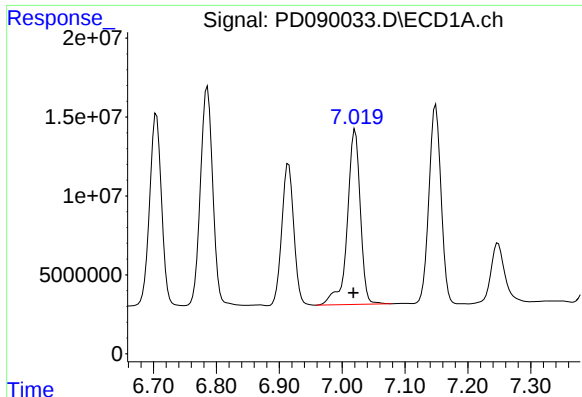
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 159470167
Conc: 46.10 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 931213025
Conc: 38.73 ng/ml



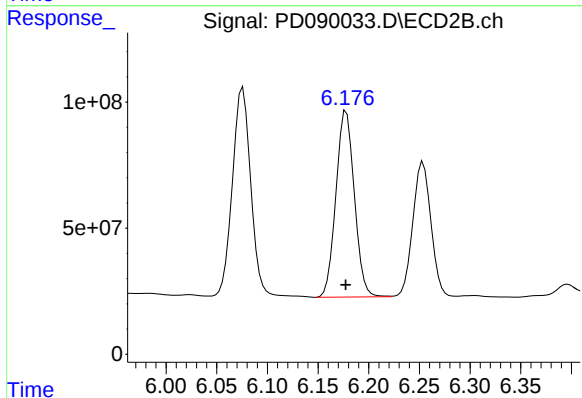
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 158891399
Conc: 41.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

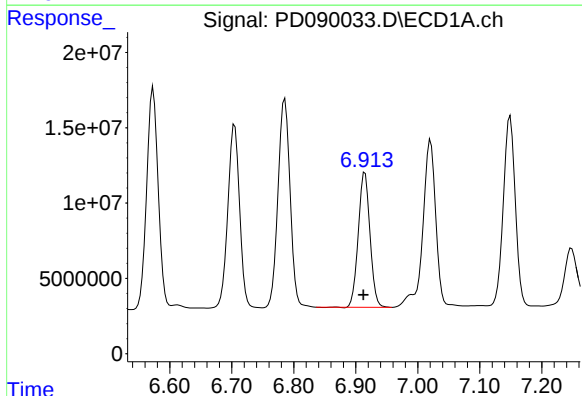
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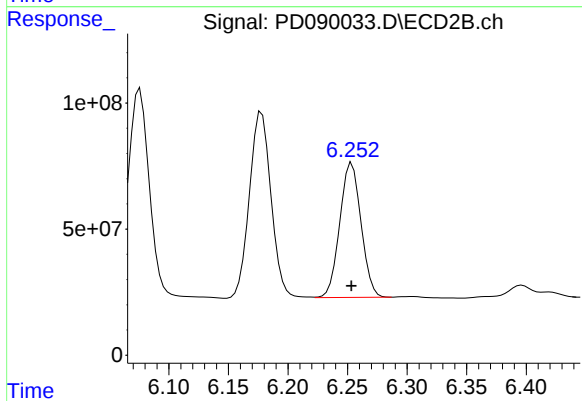
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 935516669
Conc: 37.32 ng/ml



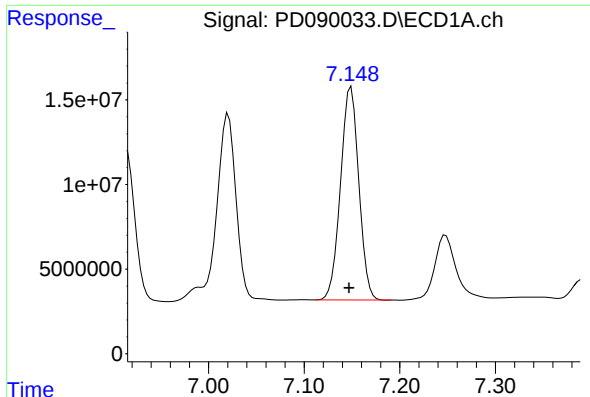
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 117606210
Conc: 41.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 663045887
Conc: 38.50 ng/ml



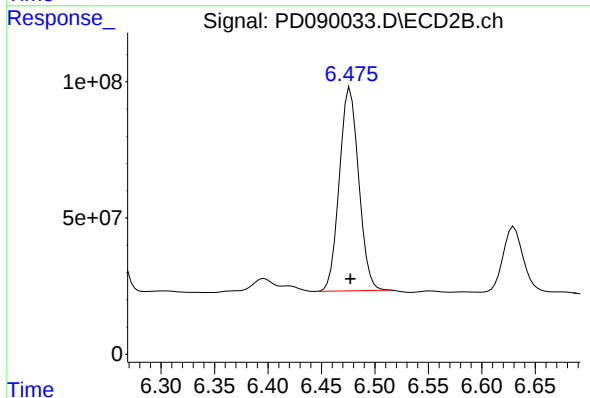
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 167752401
Conc: 42.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

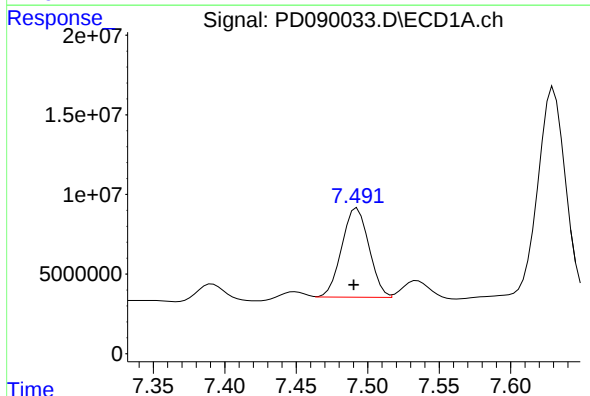
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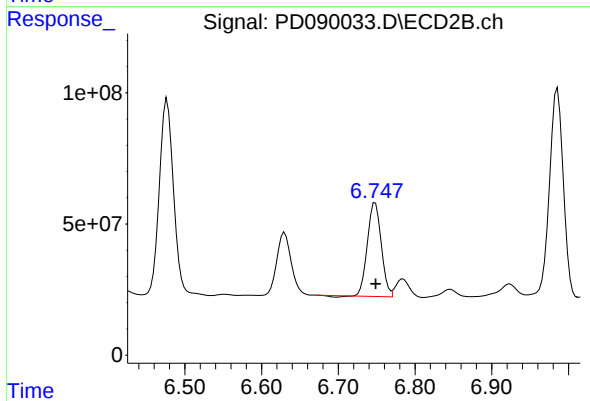
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 940326124
Conc: 38.57 ng/ml



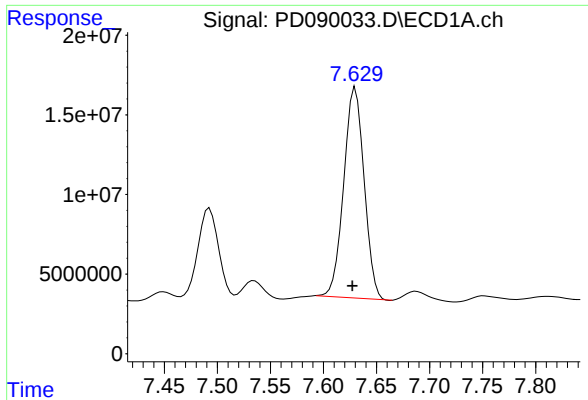
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 74409514
Conc: 37.10 ng/ml m



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 445708224
Conc: 34.56 ng/ml



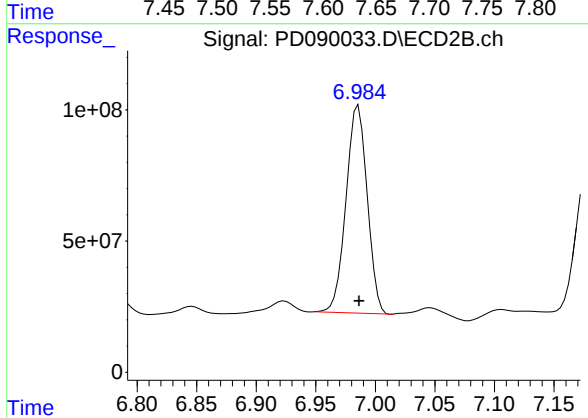
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 176573364
Conc: 42.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

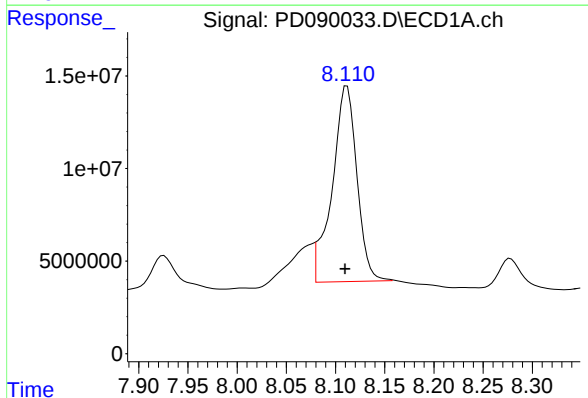
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



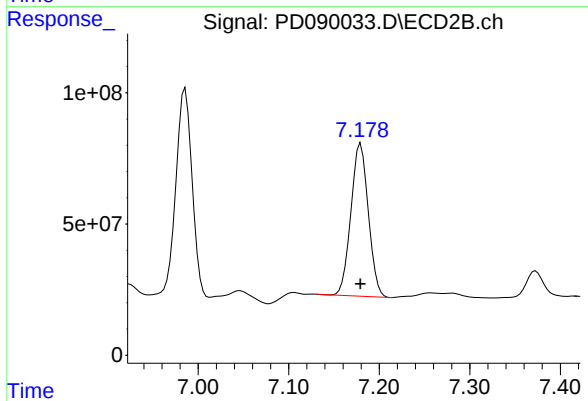
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 980824121
Conc: 36.81 ng/ml



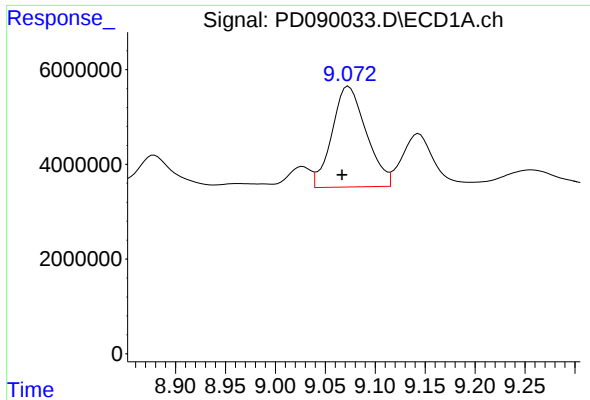
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 183297871
Conc: 58.11 ng/ml m



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 777555136
Conc: 37.64 ng/ml



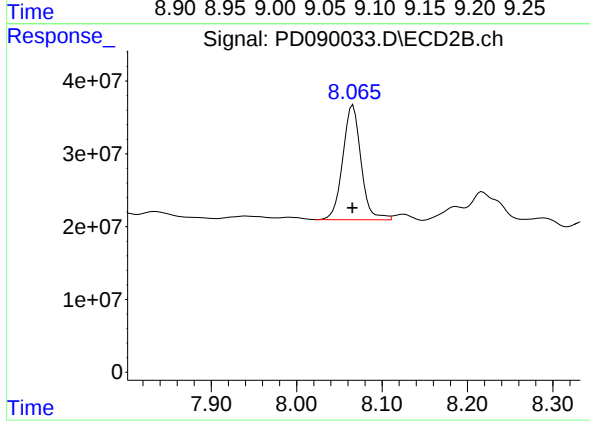
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.005 min
Response: 50134776
Conc: 11.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 233638699
Conc: 9.03 ng/ml