

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 17:37
 Operator : AR\AJ
 Sample : Q3343-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 08:53:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.566	2.876	68943579	493.8E6	21.210	17.989
28)	SA Decachlor...	9.088	8.062	85630991	512.3E6	17.747	15.805
Target Compounds							
2)	A alpha-BHC	4.016f	3.387	336.9E6	2225.4E6	48.240	50.827
3)	MA gamma-BHC...	4.346f	3.723	314.3E6	2052.9E6	47.496	50.397
4)	MA Heptachlor	4.944f	4.075	248.7E6	1782.5E6	37.614	43.779
5)	MB Aldrin	5.285f	4.360	287.0E6	1969.1E6	45.190	49.308
6)	B beta-BHC	4.533f	4.019	117.0E6	860.3E6	45.352	49.627
7)	B delta-BHC	4.781f	4.255	328.8E6	2086.4E6	50.912	50.524
8)	B Heptachlo...	5.704f	4.865	270.0E6	1833.0E6	47.238m	49.722
9)	A Endosulfan I	6.089f	5.239	245.0E6	1709.5E6	45.361	49.401
10)	B gamma-Chl...	5.960f	5.118	267.0E6	1936.7E6	46.739m	49.296
11)	B alpha-Chl...	6.040f	5.182	292.4E6	1854.6E6	50.764m	49.239
12)	B 4,4'-DDE	6.211f	5.366	245.1E6	1884.8E6	47.069	49.239
13)	MA Dieldrin	6.360f	5.504	271.4E6	1889.4E6	47.087m	48.514
14)	MA Endrin	6.589f	5.781	229.1E6	1757.7E6	46.811	49.054
15)	B Endosulfa...	6.801f	6.072	235.2E6	1630.4E6	48.228	48.307
16)	A 4,4'-DDD	6.721f	5.921	192.8E6	1573.7E6	47.060	48.530
17)	MA 4,4'-DDT	7.036f	6.175	182.8E6	1371.3E6	41.054	39.888
18)	B Endrin al...	6.931f	6.251	173.4E6	1217.5E6	50.536	51.707
19)	B Endosulfa...	7.165f	6.474	212.8E6	1558.5E6	46.264	47.674
20)	A Methoxychlor	7.509f	6.746	89472135	663.5E6	37.968	38.132
21)	B Endrin ke...	7.646f	6.983	225.4E6	1624.2E6	45.551	44.987
22)	Mirex	8.129f	7.176	142.7E6	1058.6E6	38.505	38.347

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 17:37
Operator : AR\AJ
Sample : Q3343-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

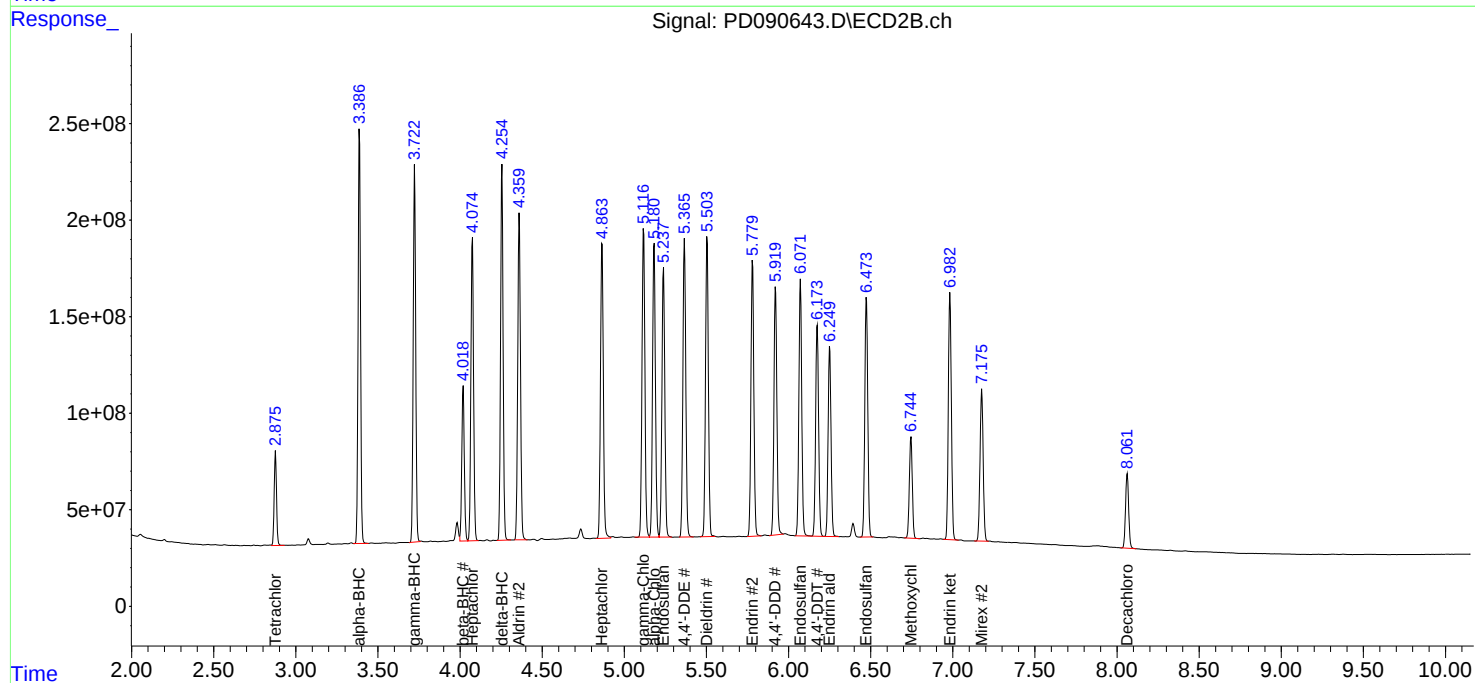
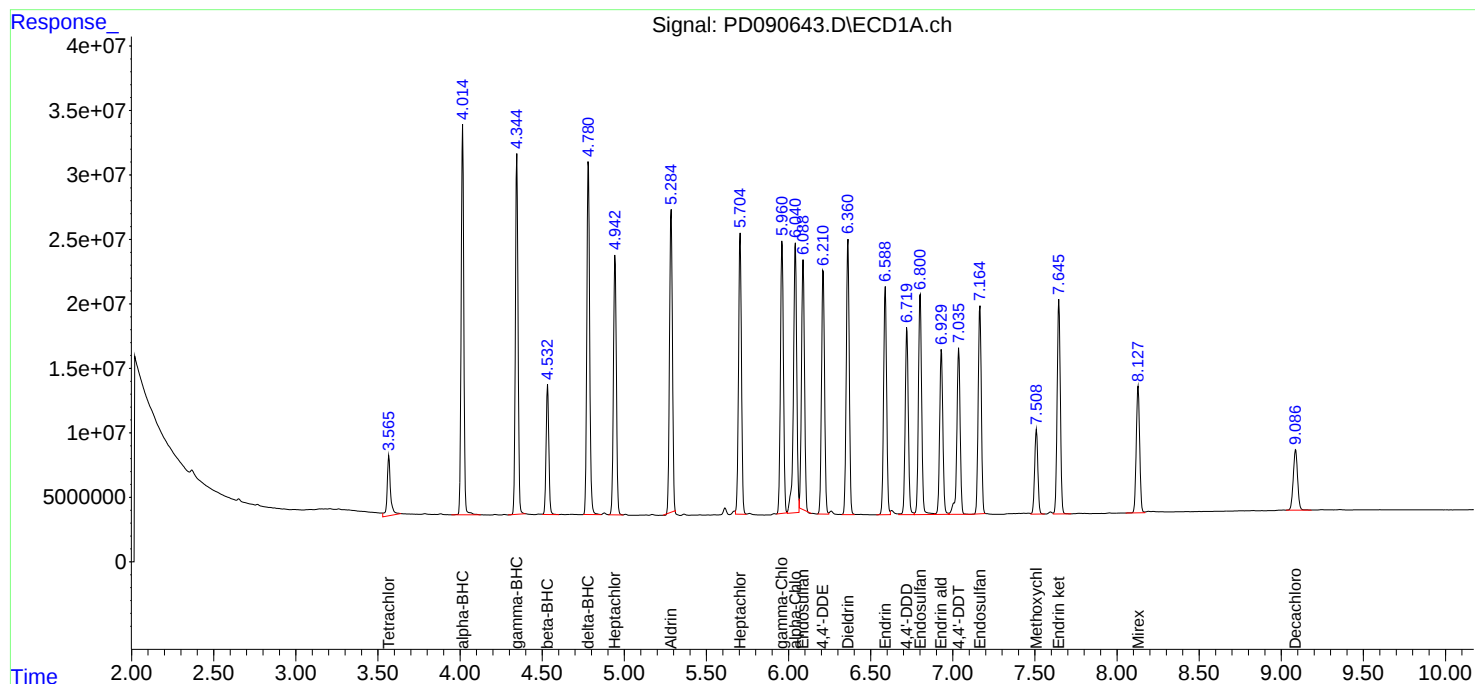
Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

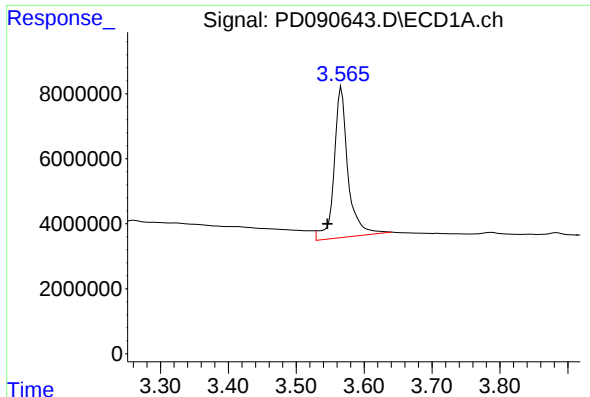
Manual Integrations
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Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 08:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





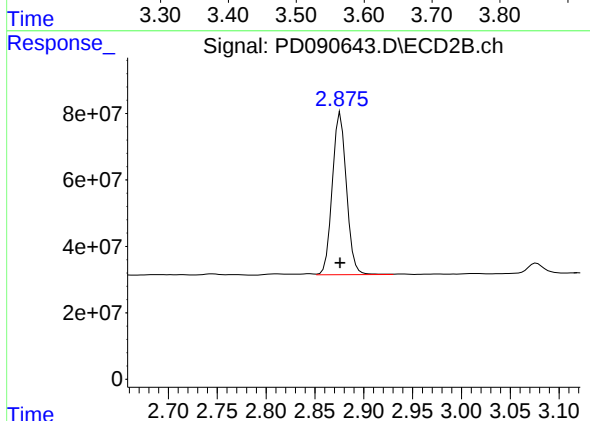
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.020 min
Response: 68943579
Conc: 21.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

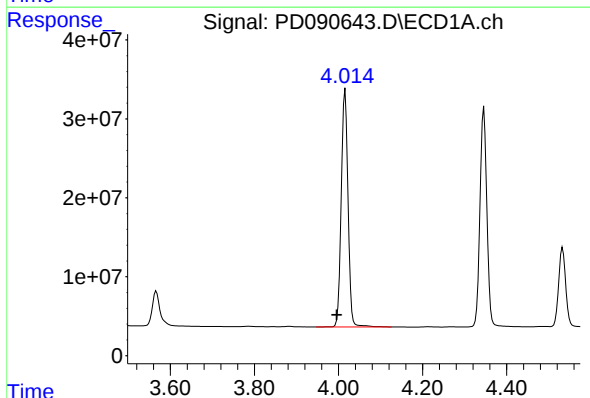
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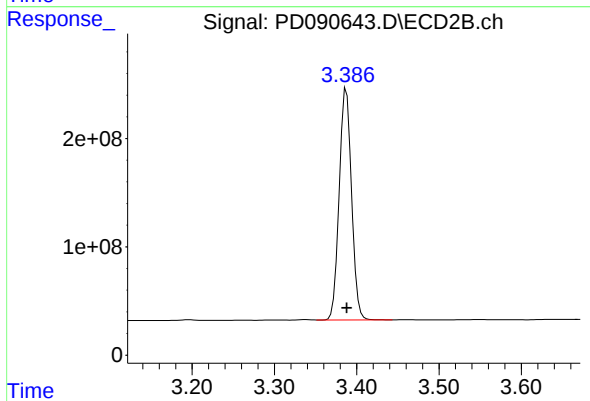
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 493793029
Conc: 17.99 ng/ml



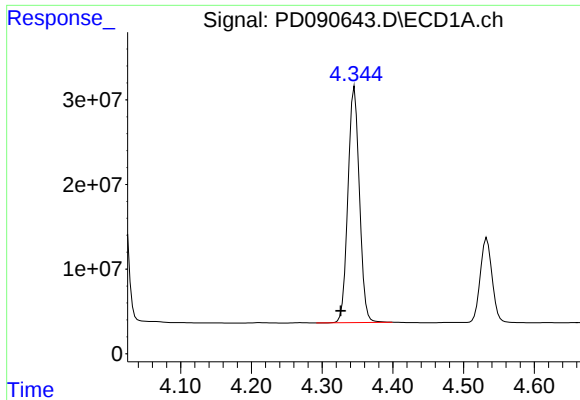
#2 alpha-BHC

R.T.: 4.016 min
Delta R.T.: 0.020 min
Response: 336932127
Conc: 48.24 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2225370184
Conc: 50.83 ng/ml



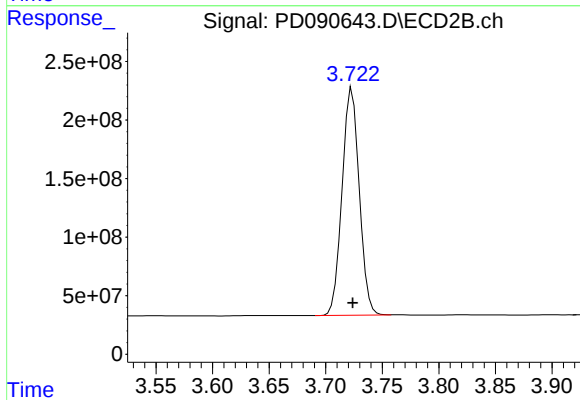
#3 gamma-BHC (Lindane)

R.T.: 4.346 min
Delta R.T.: 0.020 min
Response: 314272729
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

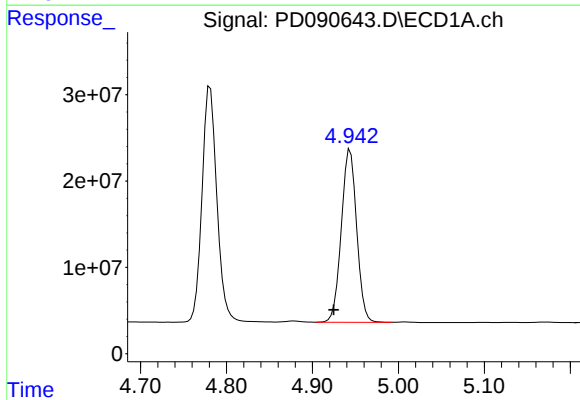
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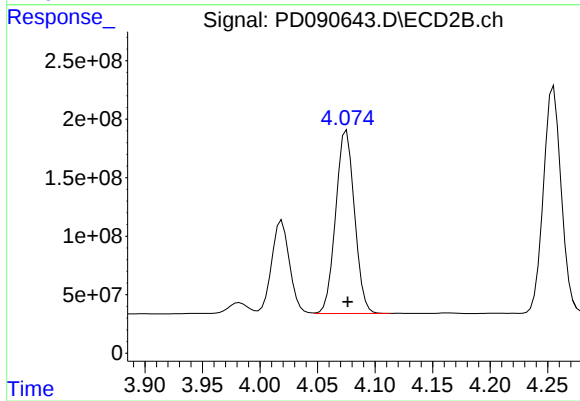
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2052941228
Conc: 50.40 ng/ml



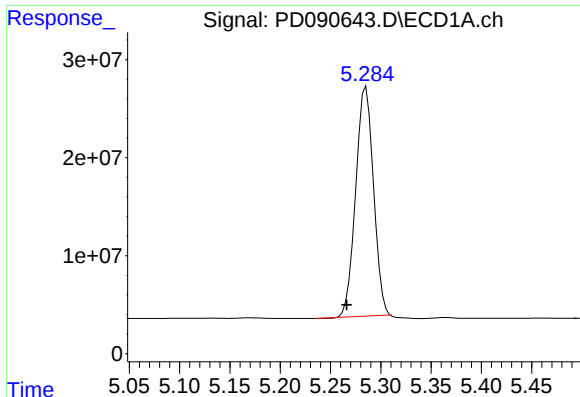
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.019 min
Response: 248722764
Conc: 37.61 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 1782546768
Conc: 43.78 ng/ml



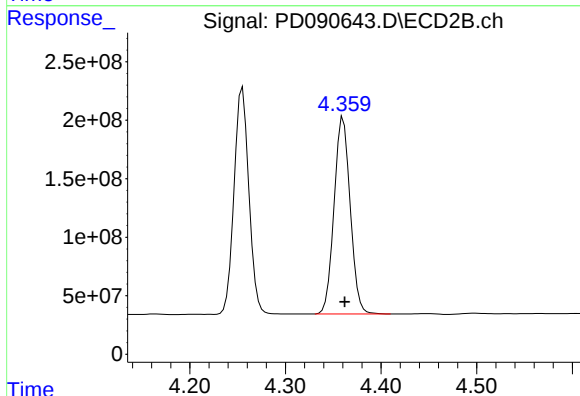
#5 Aldrin

R.T.: 5.285 min
Delta R.T.: 0.019 min
Response: 286951237
Conc: 45.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

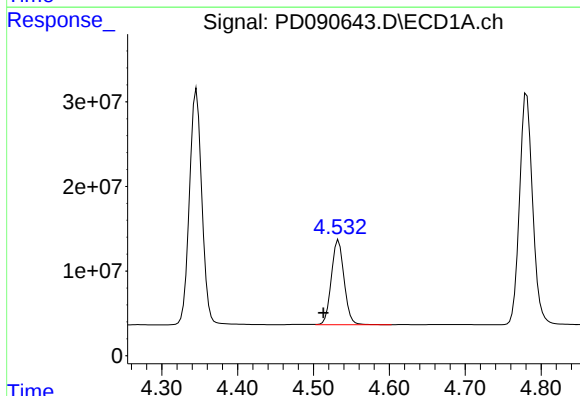
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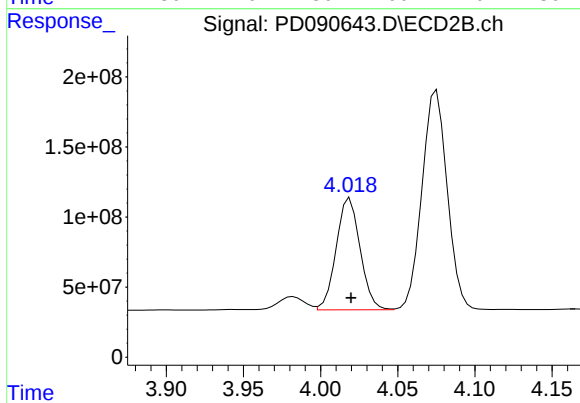
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1969130941
Conc: 49.31 ng/ml



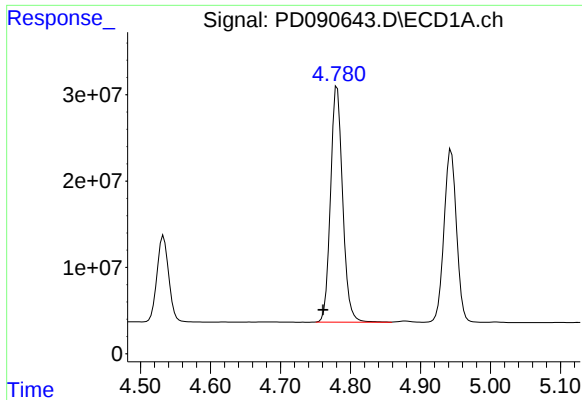
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.020 min
Response: 117003316
Conc: 45.35 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 860305328
Conc: 49.63 ng/ml



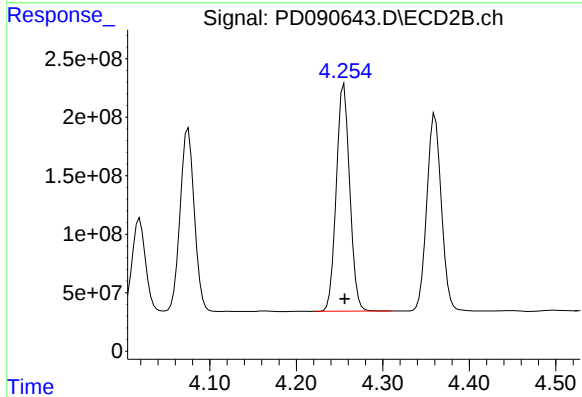
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.020 min
Response: 328761467
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

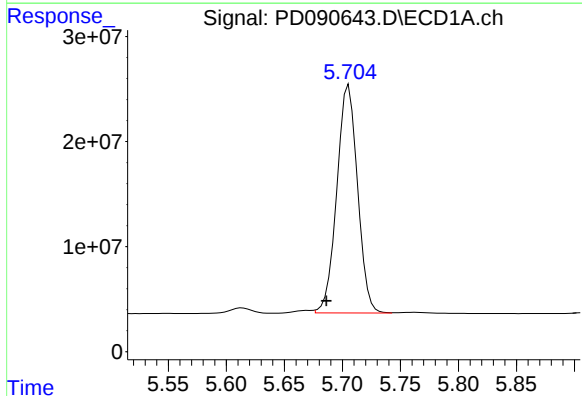
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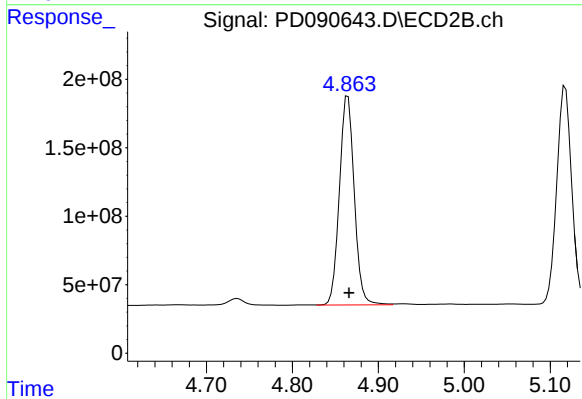
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2086372343
Conc: 50.52 ng/ml



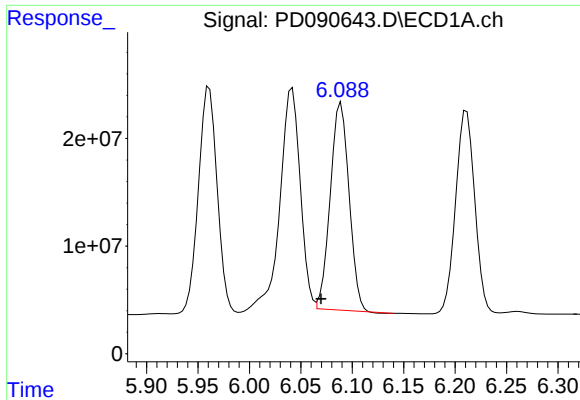
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.018 min
Response: 269964307
Conc: 47.24 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 1832986837
Conc: 49.72 ng/ml



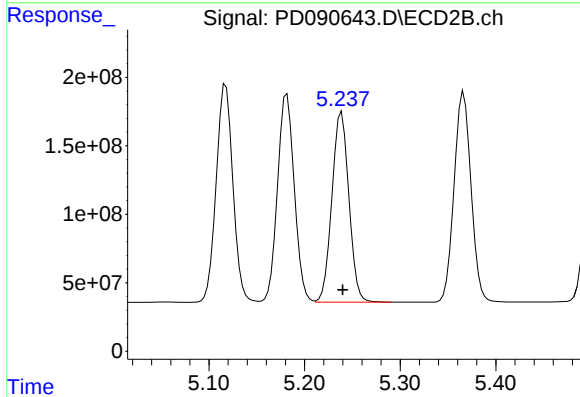
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.019 min
Response: 245015273
Conc: 45.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

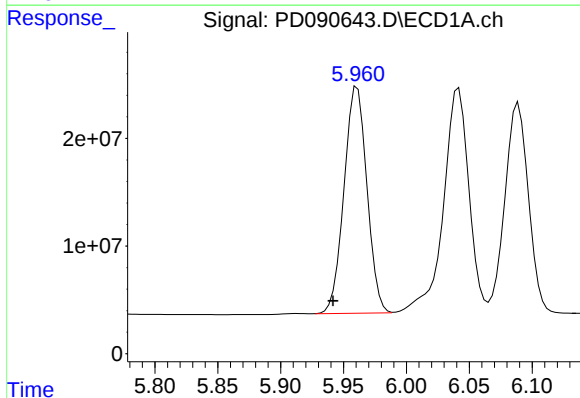
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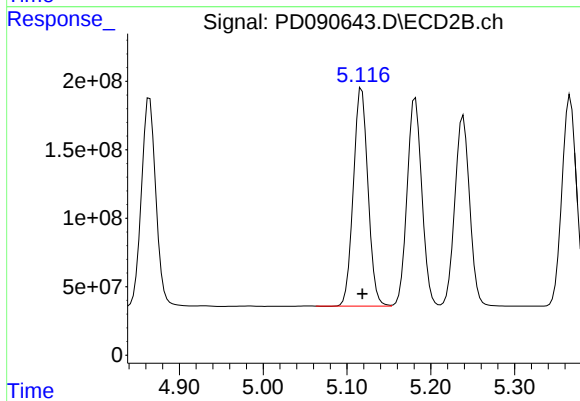
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1709539231
Conc: 49.40 ng/ml



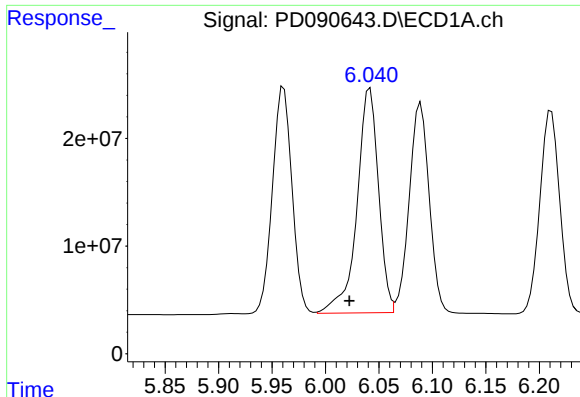
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.018 min
Response: 266967610
Conc: 46.74 ng/ml m



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1936671575
Conc: 49.30 ng/ml



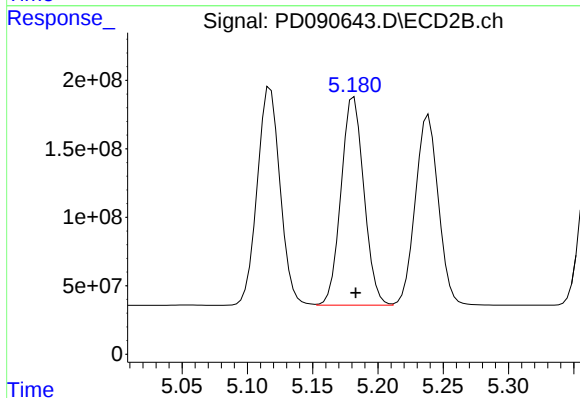
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.018 min
Response: 292441531
Conc: 50.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

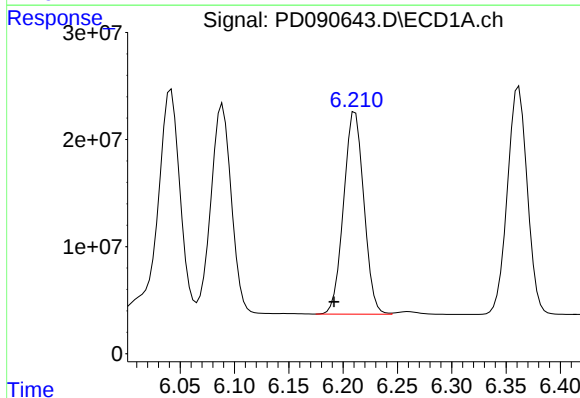
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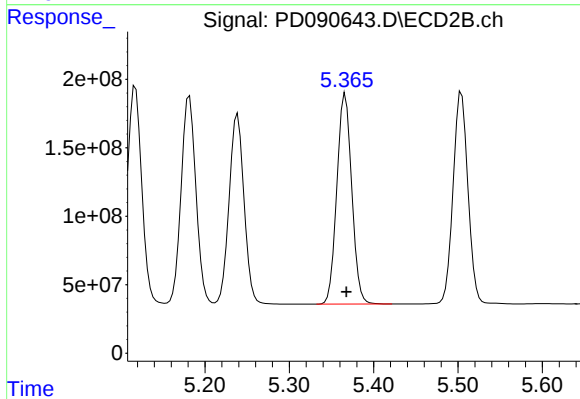
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1854600397
Conc: 49.24 ng/ml



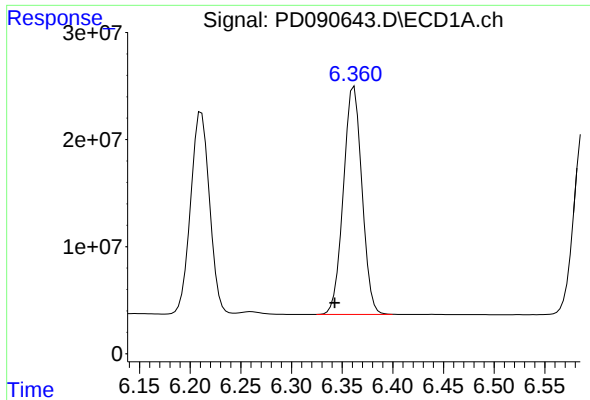
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.019 min
Response: 245110665
Conc: 47.07 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 1884815230
Conc: 49.24 ng/ml



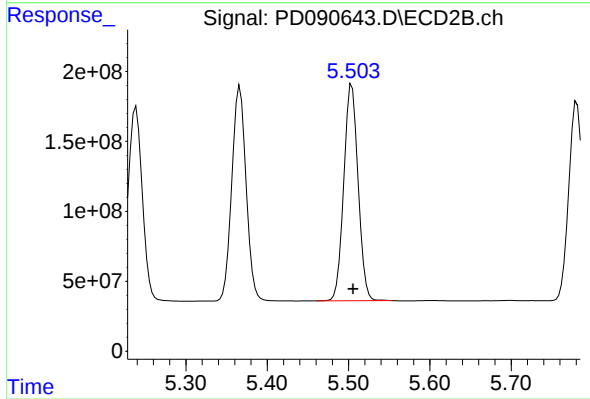
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.018 min
Response: 271440877
Conc: 47.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

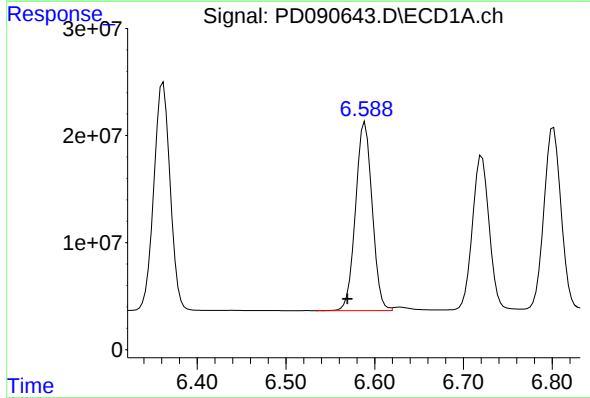
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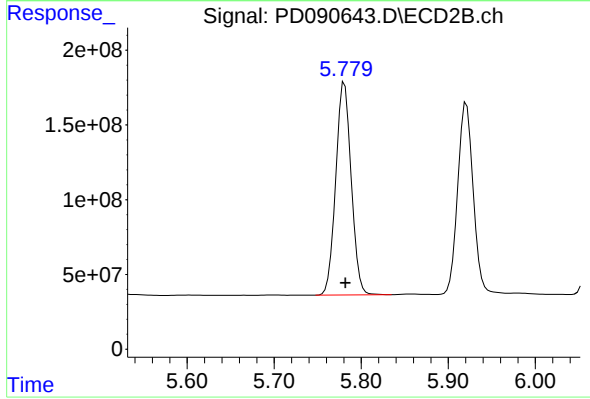
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1889408828
Conc: 48.51 ng/ml



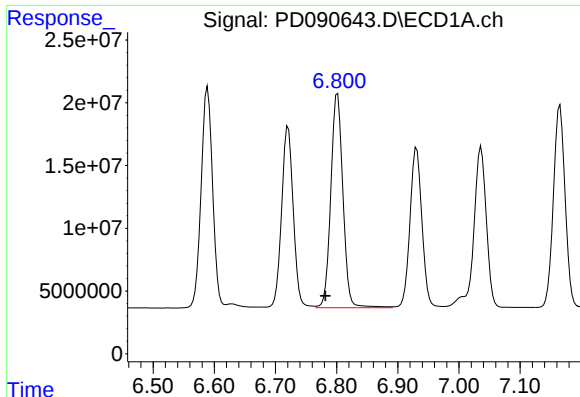
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.020 min
Response: 229089603
Conc: 46.81 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1757720297
Conc: 49.05 ng/ml



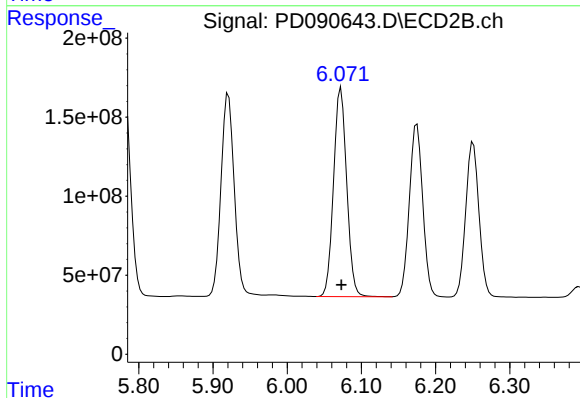
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.020 min
Response: 235245893
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

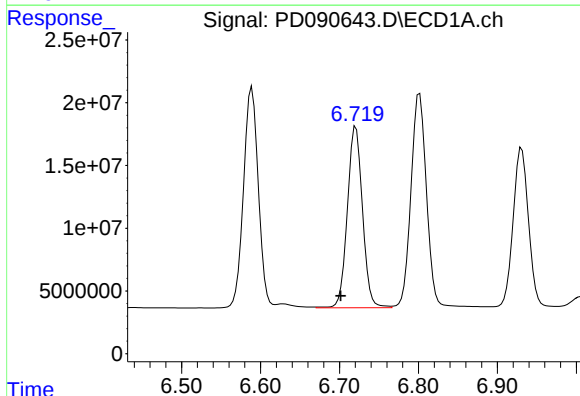
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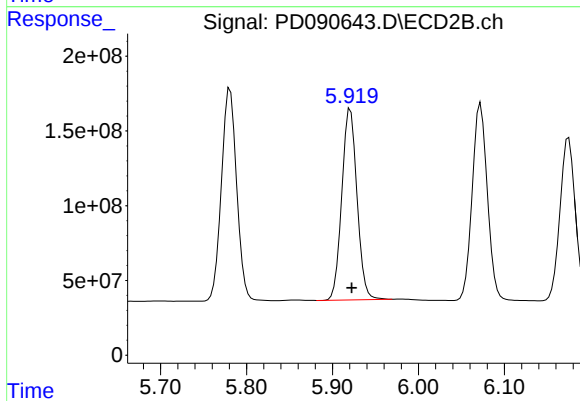
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1630399901
Conc: 48.31 ng/ml



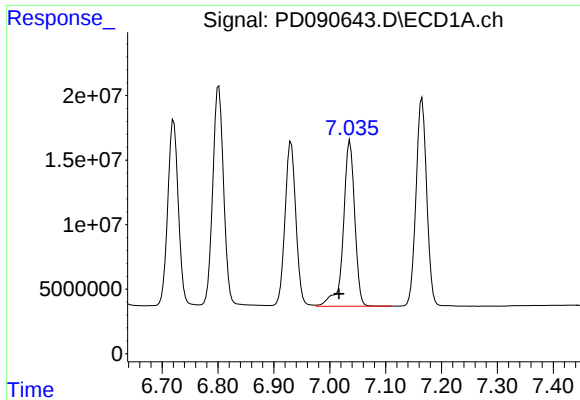
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.019 min
Response: 192842774
Conc: 47.06 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1573733687
Conc: 48.53 ng/ml



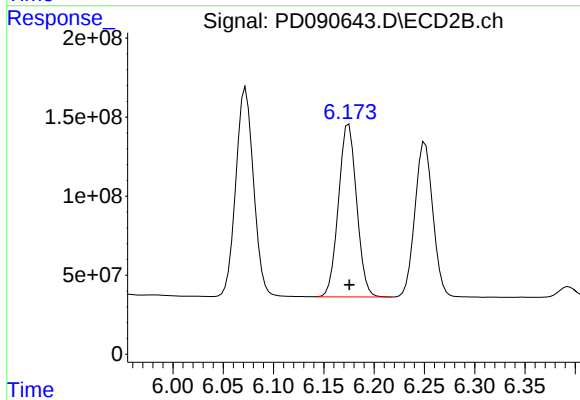
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.019 min
Response: 182790818
Conc: 41.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

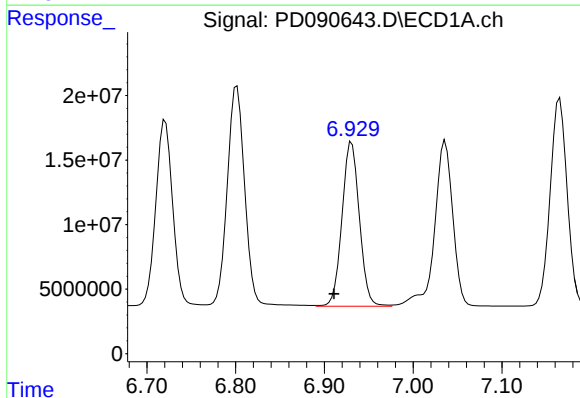
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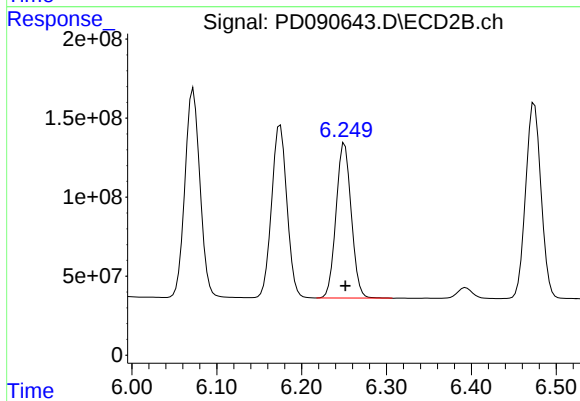
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1371306820
Conc: 39.89 ng/ml



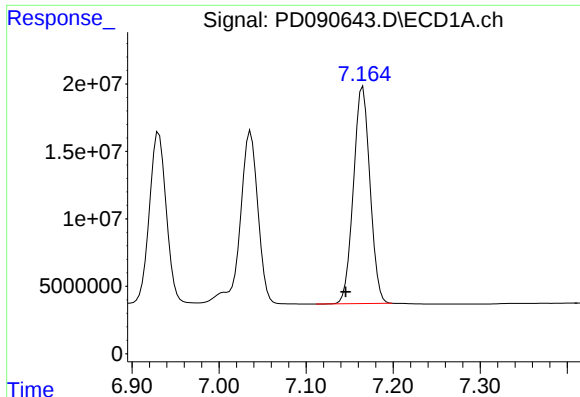
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.020 min
Response: 173369785
Conc: 50.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1217537084
Conc: 51.71 ng/ml



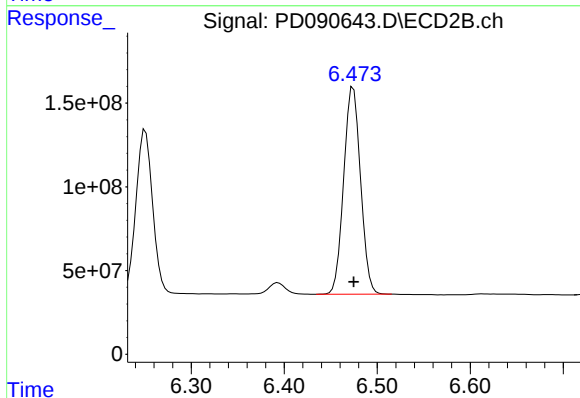
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.020 min
Response: 212831426
Conc: 46.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

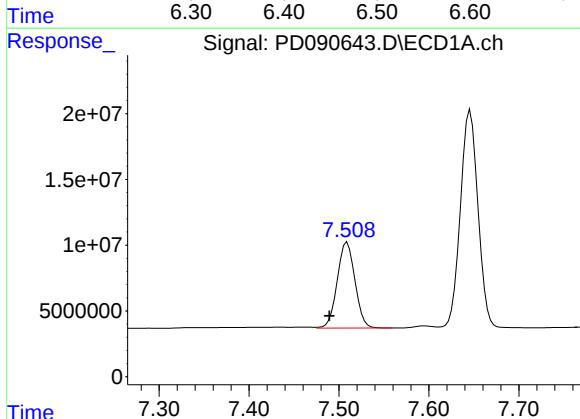
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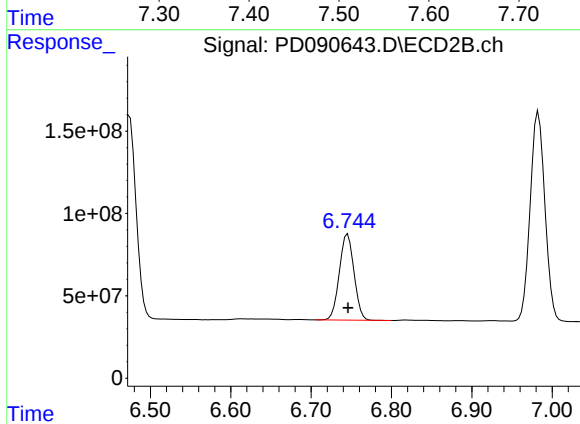
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1558486788
Conc: 47.67 ng/ml



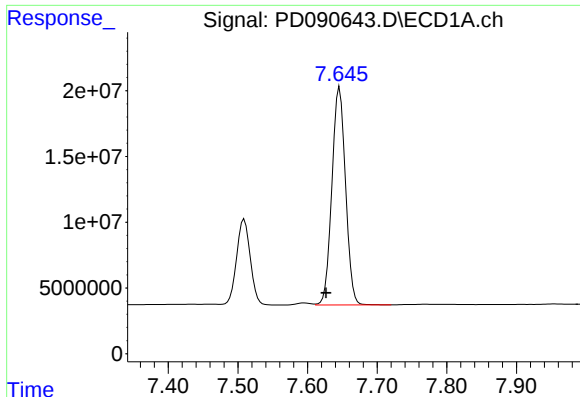
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.020 min
Response: 89472135
Conc: 37.97 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 663506204
Conc: 38.13 ng/ml



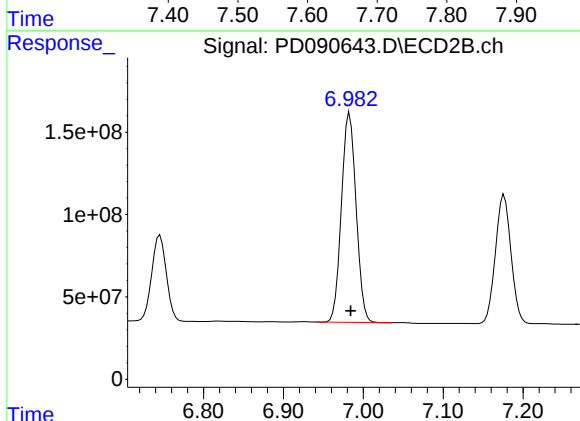
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.019 min
Response: 225358631
Conc: 45.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

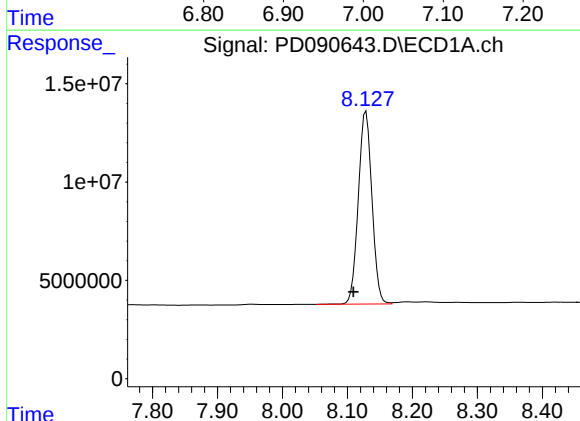
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



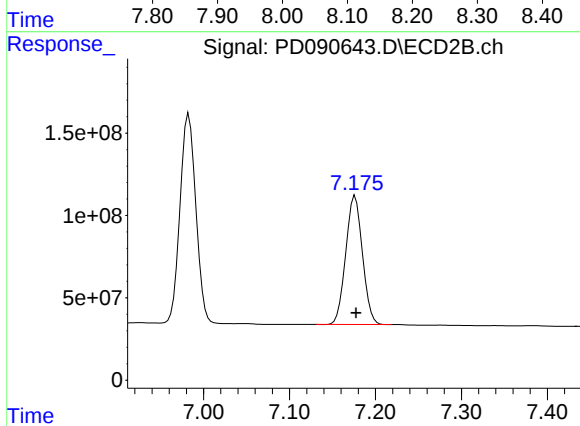
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1624153305
Conc: 44.99 ng/ml



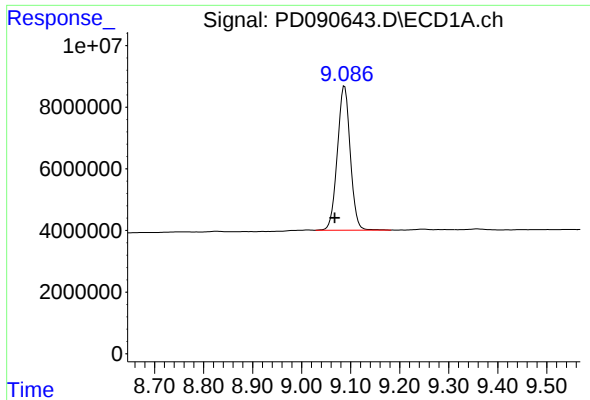
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.019 min
Response: 142656445
Conc: 38.51 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1058603715
Conc: 38.35 ng/ml



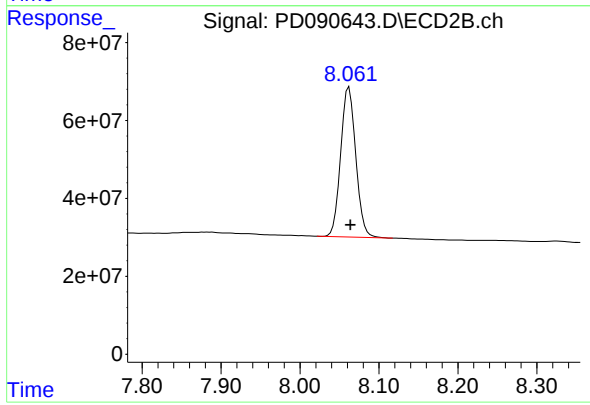
#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.020 min
Response: 85630991
Conc: 17.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 512328571
Conc: 15.81 ng/ml