

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 17:23
 Operator : AR\AJ
 Sample : Q3343-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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 08:53:28 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...	3.546	2.877	48808844	487.6E6	15.016	17.765
28)	SA Decachlor...	9.068	8.062	84918481	508.8E6	17.599	15.696
Target Compounds							
2)	A alpha-BHC	3.995	3.388	332.2E6	2200.2E6	47.557	50.252
3)	MA gamma-BHC...	4.326	3.724	314.3E6	2038.7E6	47.494	50.046
4)	MA Heptachlor	4.924	4.076	247.2E6	1763.2E6	37.391	43.305
5)	MB Aldrin	5.265	4.361	294.1E6	1944.5E6	46.320	48.691
6)	B beta-BHC	4.513	4.020	116.0E6	852.0E6	44.968	49.151
7)	B delta-BHC	4.760	4.256	322.1E6	2061.9E6	49.881m	49.931
8)	B Heptachlo...	5.685	4.865	268.0E6	1827.8E6	46.901	49.581
9)	A Endosulfan I	6.068	5.239	251.4E6	1693.5E6	46.537m	48.938
10)	B gamma-Chl...	5.941	5.117	262.8E6	1912.4E6	46.012	48.679
11)	B alpha-Chl...	6.020	5.182	291.0E6	1834.9E6	50.520m	48.716
12)	B 4,4'-DDE	6.191	5.366	243.8E6	1863.8E6	46.816	48.690
13)	MA Dieldrin	6.342	5.504	268.5E6	1879.8E6	46.574	48.268
14)	MA Endrin	6.569	5.780	227.9E6	1725.1E6	46.565	48.145
15)	B Endosulfa...	6.781	6.072	234.0E6	1608.0E6	47.969	47.643
16)	A 4,4'-DDD	6.701	5.921	191.9E6	1553.7E6	46.821	47.912
17)	MA 4,4'-DDT	7.017	6.175	181.9E6	1363.0E6	40.845	39.645
18)	B Endrin al...	6.911	6.251	172.5E6	1205.7E6	50.276	51.205
19)	B Endosulfa...	7.145	6.474	212.5E6	1535.0E6	46.184	46.956
20)	A Methoxychlor	7.490	6.745	89258891	661.6E6	37.878	38.024
21)	B Endrin ke...	7.627	6.983	224.5E6	1603.0E6	45.369	44.402
22)	Mirex	8.109	7.176	141.5E6	1052.6E6	38.204	38.128

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 17:23
Operator : AR\AJ
Sample : Q3343-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

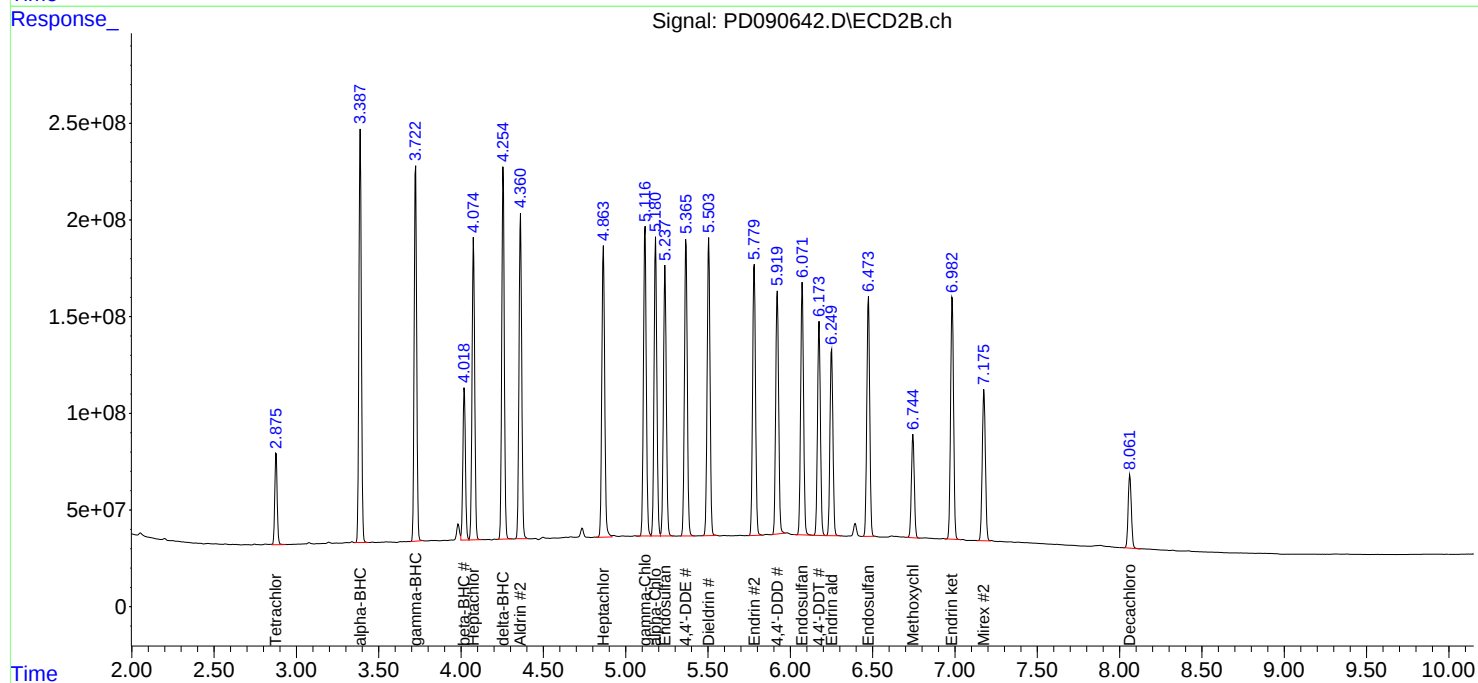
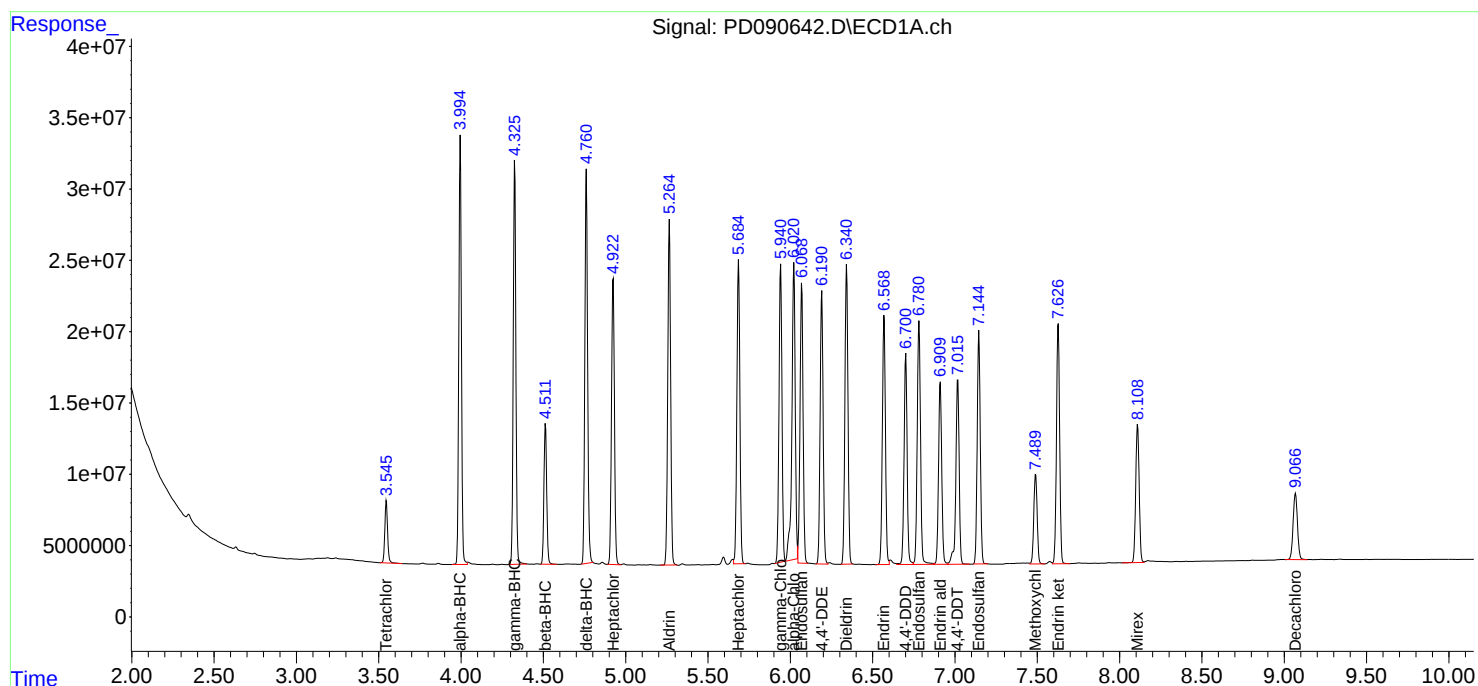
Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

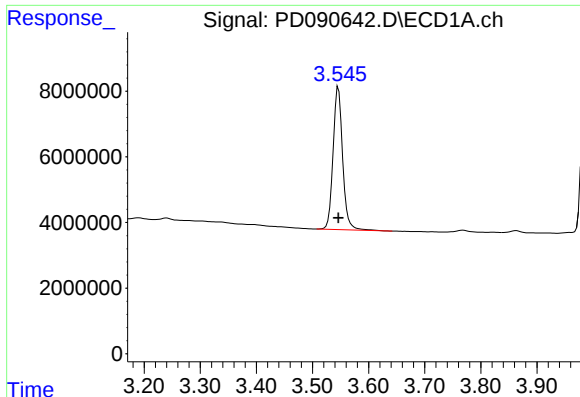
Manual Integrations
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Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 08:53:28 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





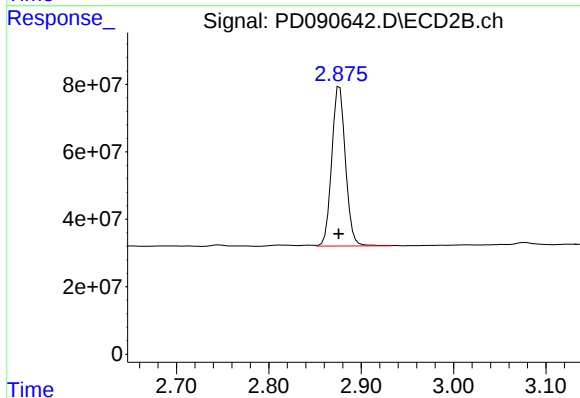
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 48808844
Conc: 15.02 ng/ml

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

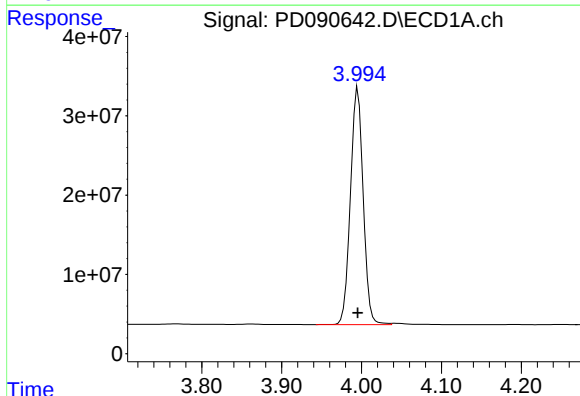
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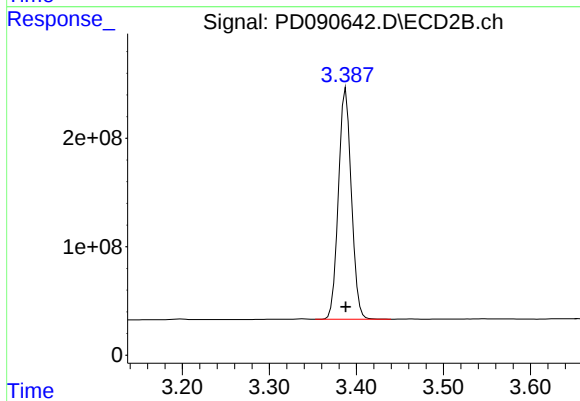
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 487641057
Conc: 17.76 ng/ml



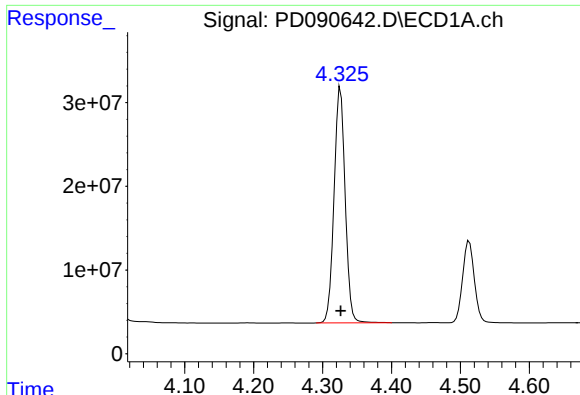
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 332163994
Conc: 47.56 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 2200176054
Conc: 50.25 ng/ml



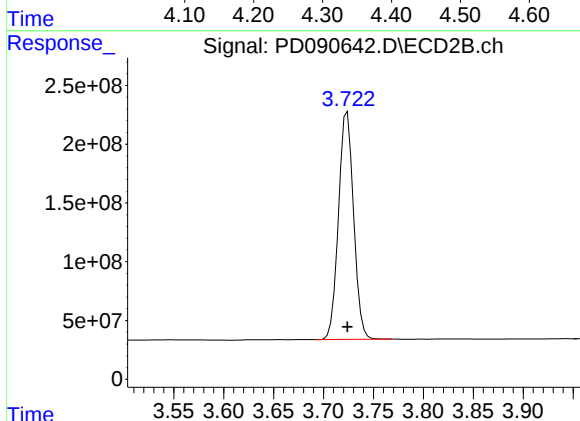
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 314259722
Conc: 47.49 ng/ml

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

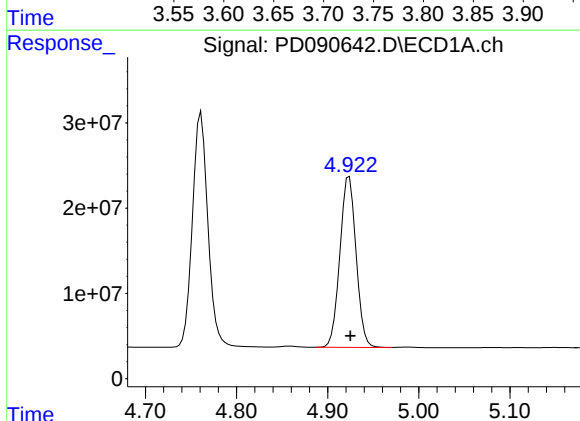
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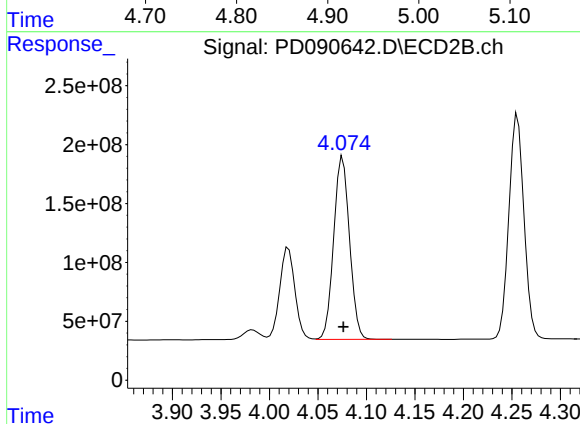
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 2038651394
Conc: 50.05 ng/ml



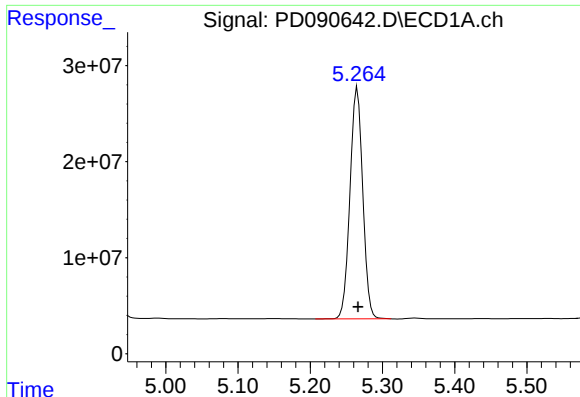
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 247248955
Conc: 37.39 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1763242047
Conc: 43.31 ng/ml



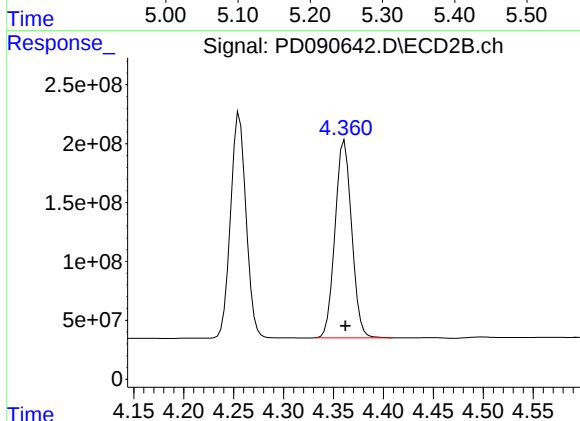
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 294126985
Conc: 46.32 ng/ml

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

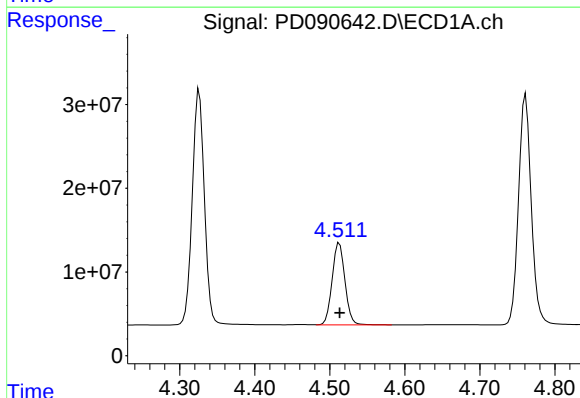
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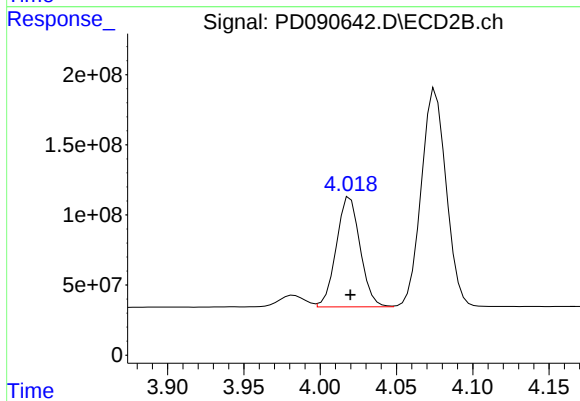
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 1944460814
Conc: 48.69 ng/ml



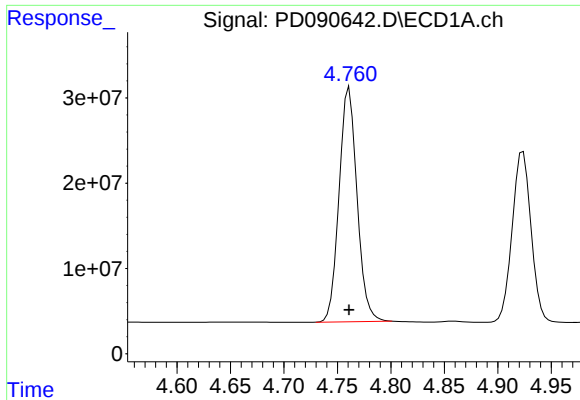
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 116012631
Conc: 44.97 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 852046017
Conc: 49.15 ng/ml



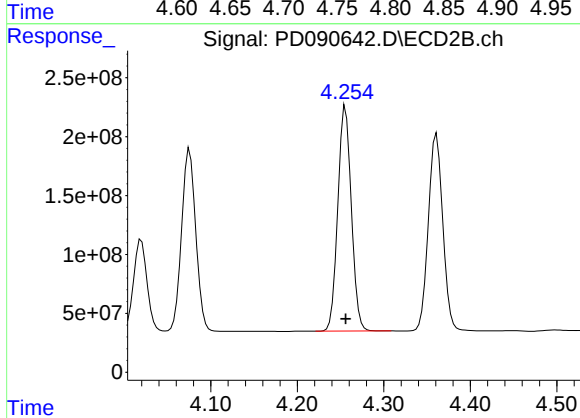
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 322103840
Conc: 49.88 ng/ml

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

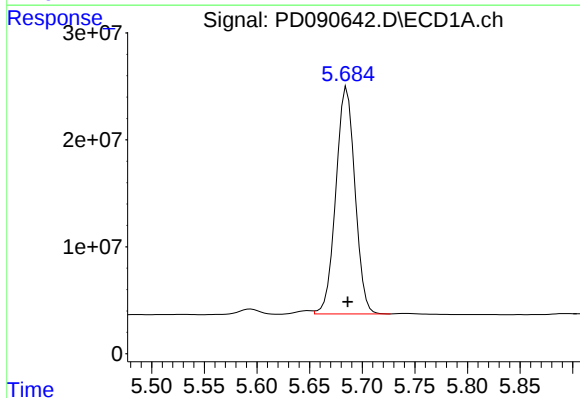
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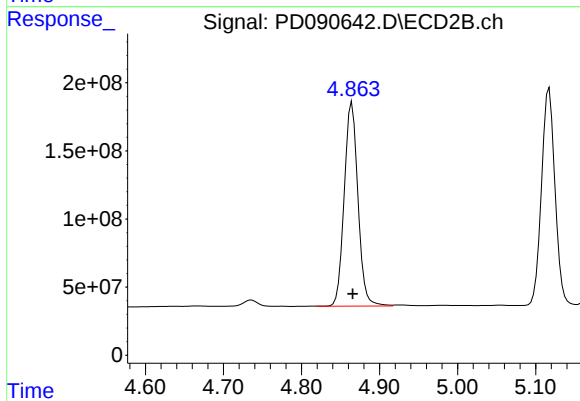
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2061873485
Conc: 49.93 ng/ml



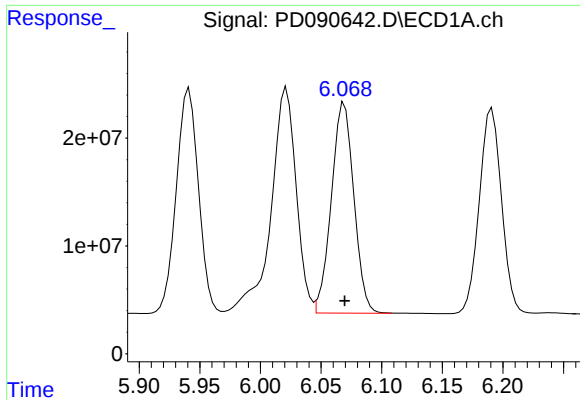
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 268037479
Conc: 46.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 1827823352
Conc: 49.58 ng/ml



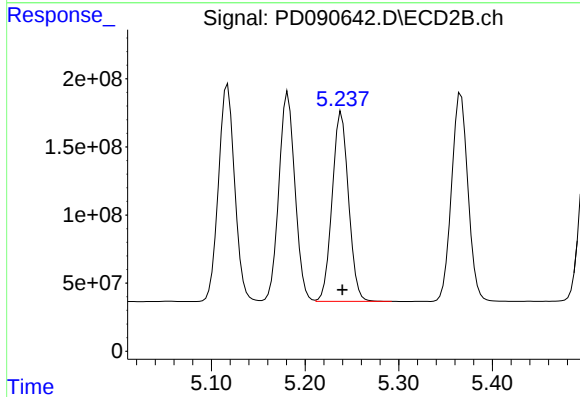
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 251368675
Conc: 46.54 ng/ml

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

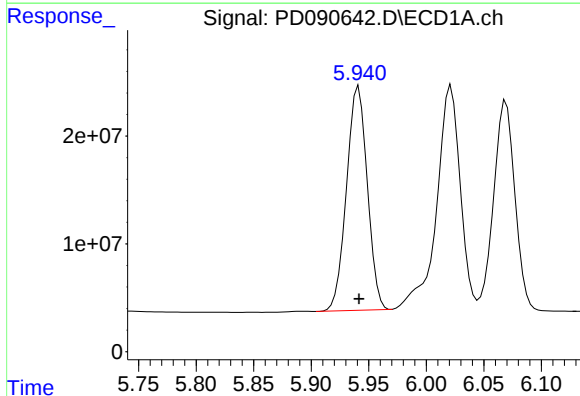
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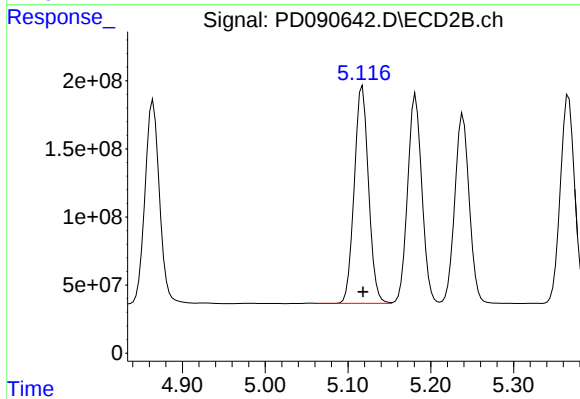
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1693493475
Conc: 48.94 ng/ml



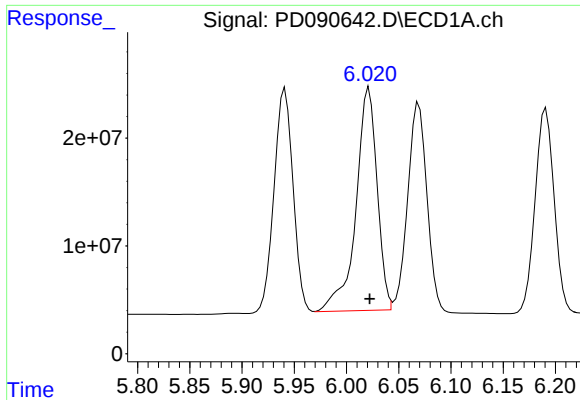
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 262816595
Conc: 46.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1912398620
Conc: 48.68 ng/ml



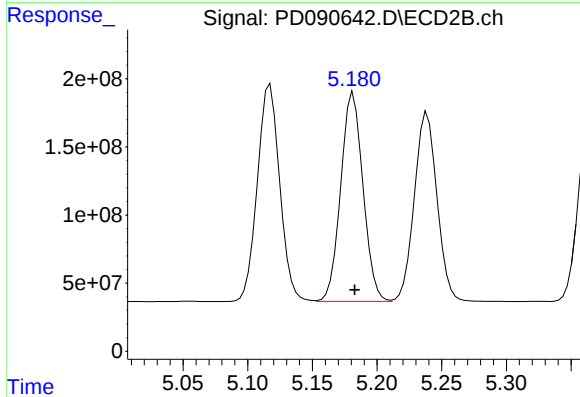
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 291035738
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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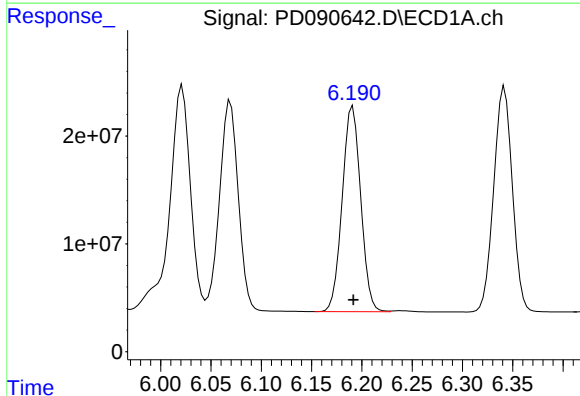
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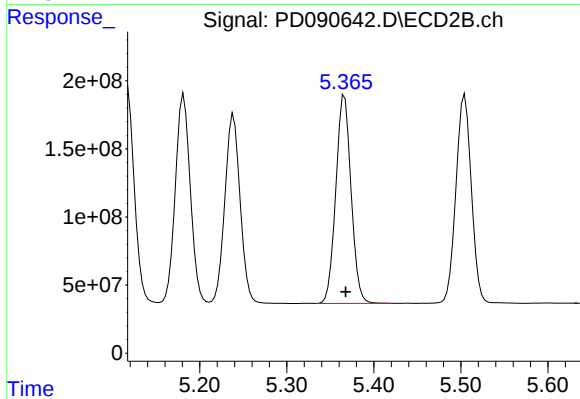
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1834904574
Conc: 48.72 ng/ml



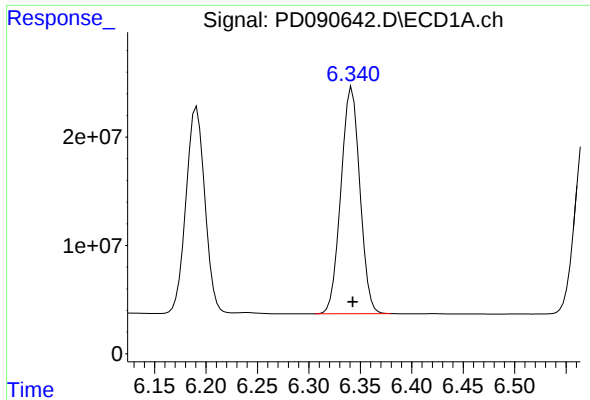
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 243793367
Conc: 46.82 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 1863798690
Conc: 48.69 ng/ml



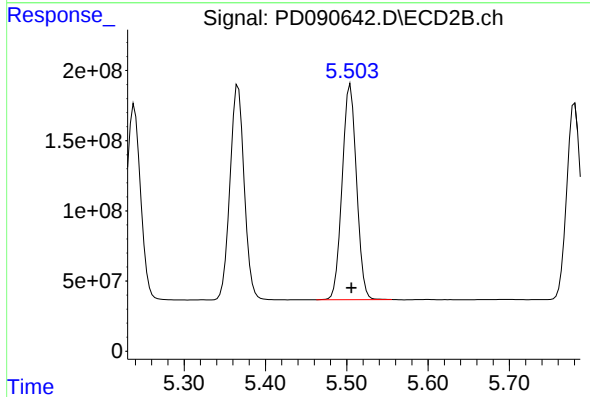
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 268482037
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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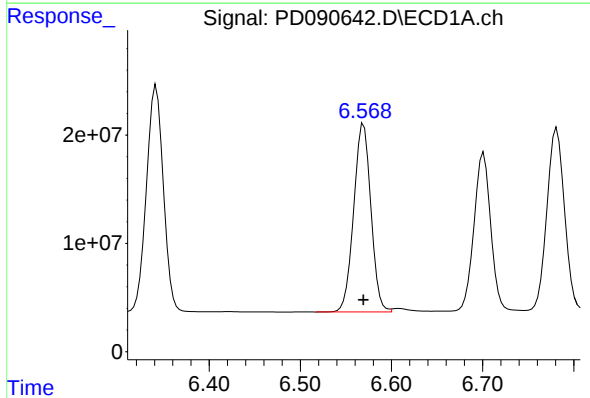
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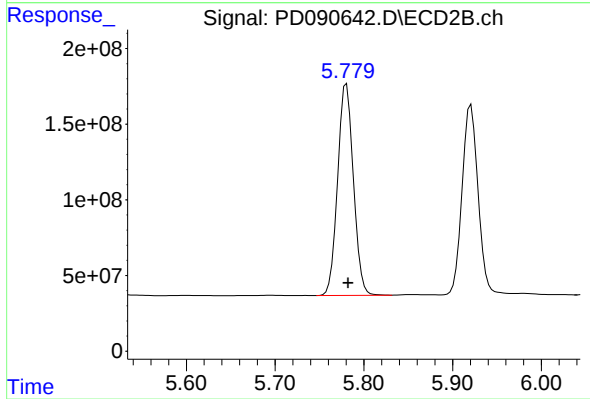
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 1879844498
Conc: 48.27 ng/ml



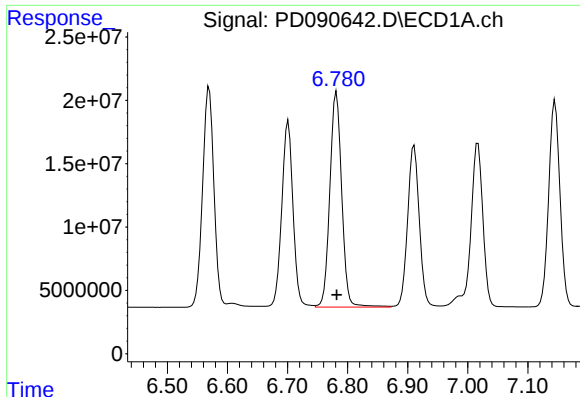
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 227885001
Conc: 46.56 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1725125561
Conc: 48.14 ng/ml



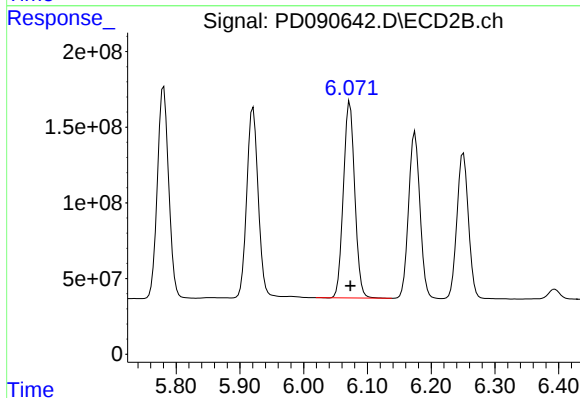
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 233981320
Conc: 47.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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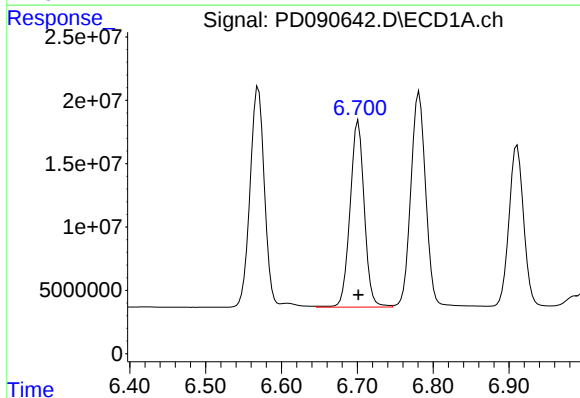
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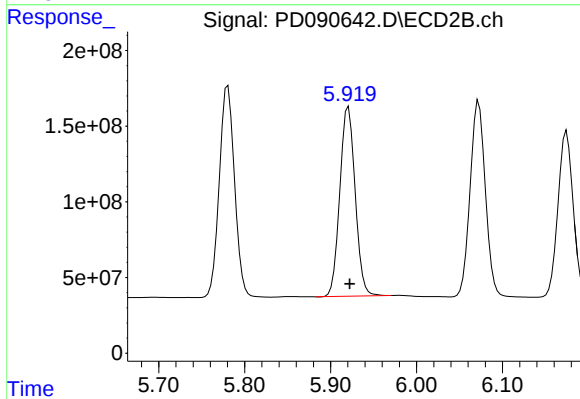
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1607991778
Conc: 47.64 ng/ml



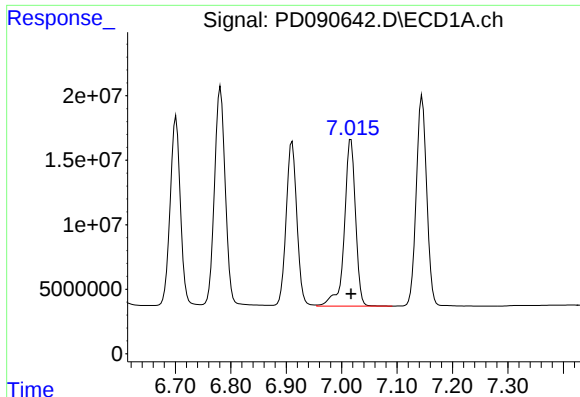
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 191862174
Conc: 46.82 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1553693333
Conc: 47.91 ng/ml



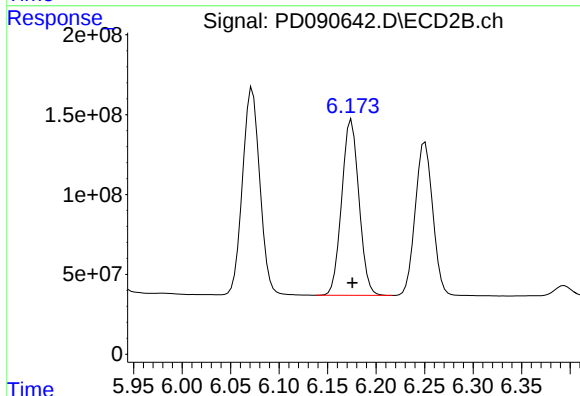
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 181858750
Conc: 40.84 ng/ml

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

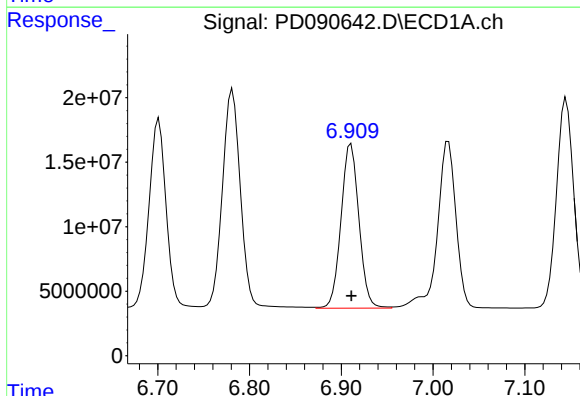
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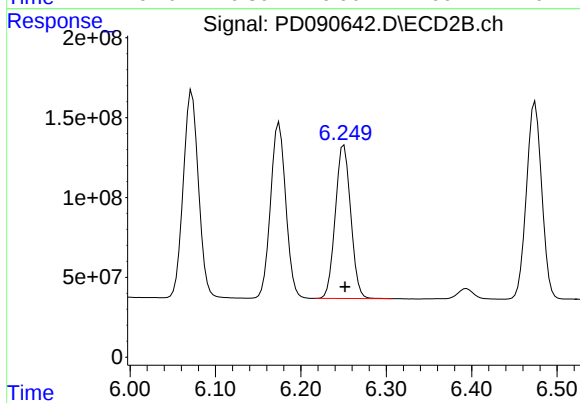
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1362950045
Conc: 39.64 ng/ml



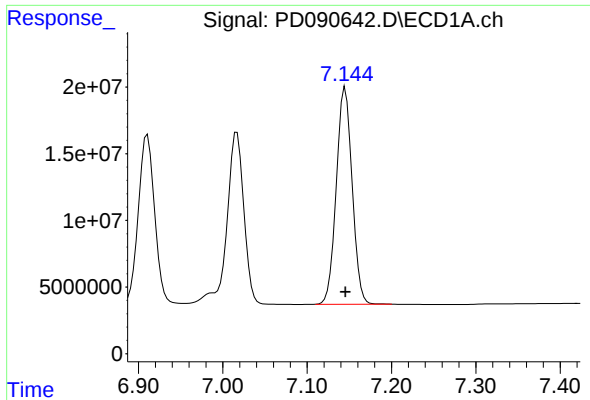
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 172475396
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1205725664
Conc: 51.21 ng/ml



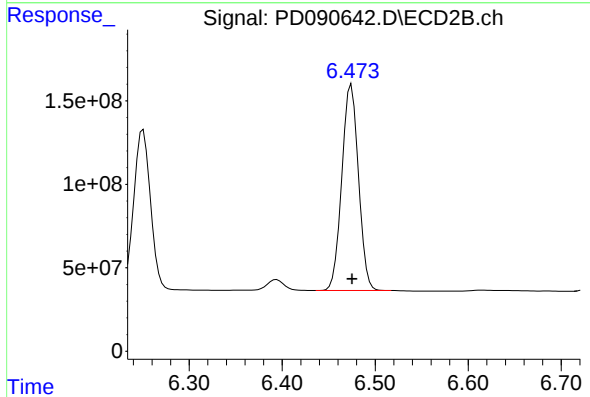
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 212465255
Conc: 46.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
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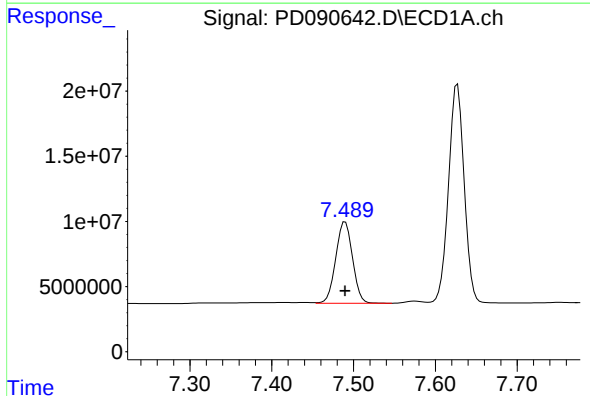
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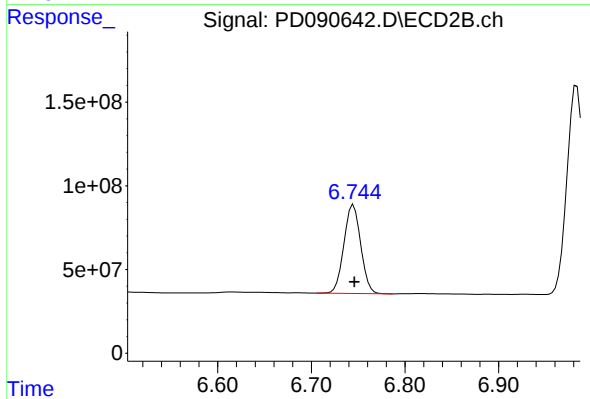
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1535023651
Conc: 46.96 ng/ml



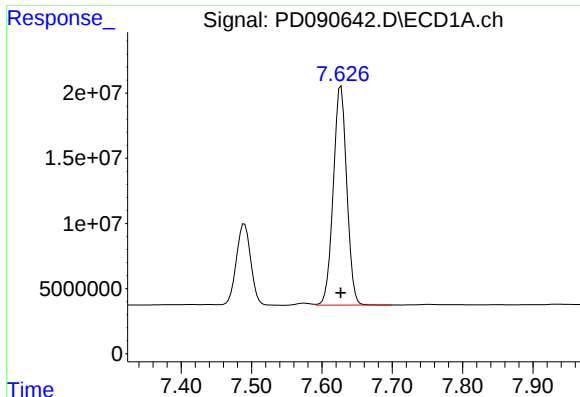
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 89258891
Conc: 37.88 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 661624870
Conc: 38.02 ng/ml



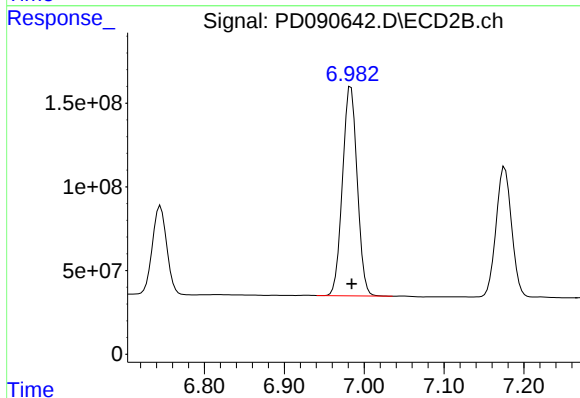
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 224456101
Conc: 45.37 ng/ml

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

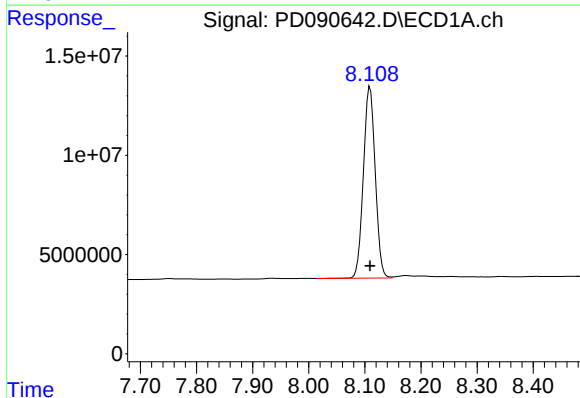
Manual Integrations
APPROVED

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



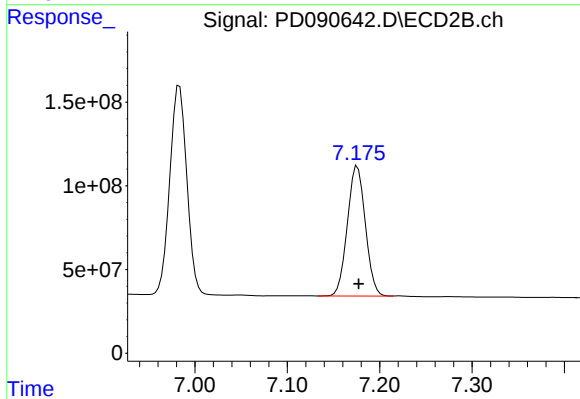
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1603044627
Conc: 44.40 ng/ml



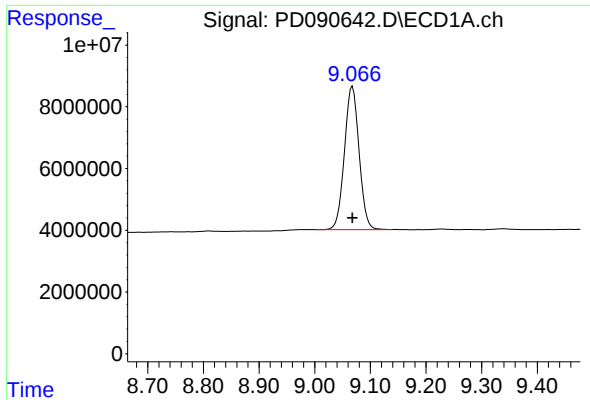
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 141540101
Conc: 38.20 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 1052570668
Conc: 38.13 ng/ml



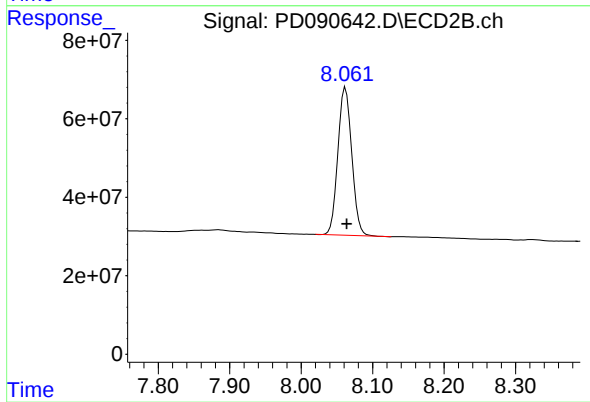
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 84918481
Conc: 17.60 ng/ml

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

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: 508793132
Conc: 15.70 ng/ml