

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 14:14
 Operator : AR\AJ
 Sample : 04699-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:36:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.570	2.806	26758886	39283198	16.573	16.967
28)	SA Decachlor...	9.116	7.955	33462843	43645862	16.681	17.906
Target Compounds							
2)	A alpha-BHC	4.026	3.309	5514934	7391604	2.072	2.132
3)	MA gamma-BHC...	4.360	3.639	5324000	7499518	2.049	2.208
4)	MA Heptachlor	4.953	3.982	6645643	7168732	2.484	2.347
5)	MB Aldrin	5.296	4.264	5999388	7134713	2.328	2.181
6)	B beta-BHC	4.553	3.933	2650419	3339918	2.473	2.370m
7)	B delta-BHC	4.802	4.166	6273129	7035321	2.343	2.101
8)	B Heptachlo...	5.723	4.766	5949696	7129694	2.539	2.405
9)	A Endosulfan I	6.110	5.136	5677836	6349559	2.619	2.398
10)	B gamma-Chl...	5.979	5.016	5856376	6824410	2.554	2.378
11)	B alpha-Chl...	6.059	5.081	5826884	6856356	2.555	2.389
12)	B 4,4'-DDE	6.229	5.270	4992039	6051520	2.362	2.273
13)	MA Dieldrin	6.385	5.401	5420216	6712378	2.327	2.260
14)	MA Endrin	6.616	5.676	4576863	6694978	2.350	2.616
15)	B Endosulfa...	6.833	5.969	5252152	5852585	2.575	2.344
16)	A 4,4'-DDD	6.745	5.824	3875289	5327651	2.204m	2.332
17)	MA 4,4'-DDT	7.062	6.075	3881185	5053999	2.050	2.208
18)	B Endrin al...	6.962	6.148	3446971	4498223	2.232m	2.419
19)	B Endosulfa...	7.198	6.370	4605970	5874939	2.317	2.516
20)	A Methoxychlor	7.535	6.650	2614632	3251252	2.386	2.395
21)	B Endrin ke...	7.684	6.877	4839500	6222382	2.220	2.226
22)	Mirex	8.161	7.063	4451695	5626245	2.630	2.634

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

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 Data File : PD079145.D
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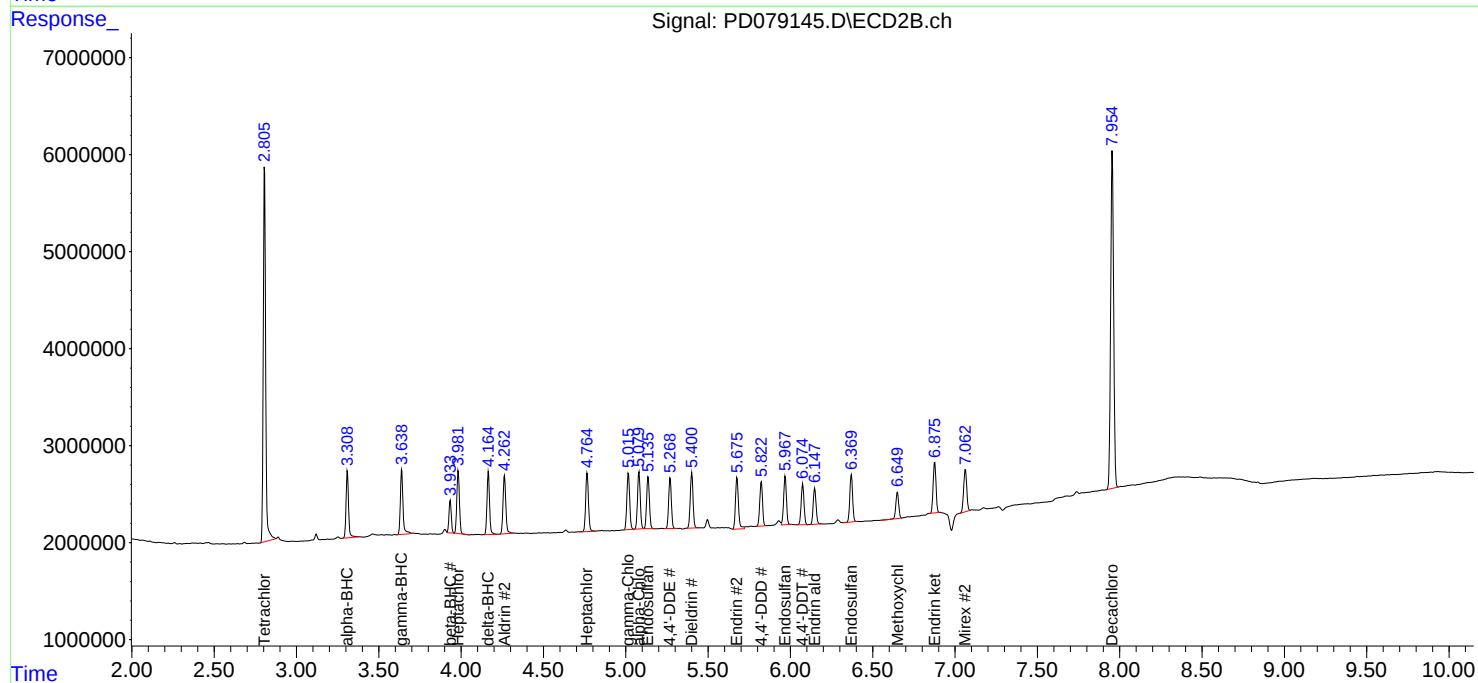
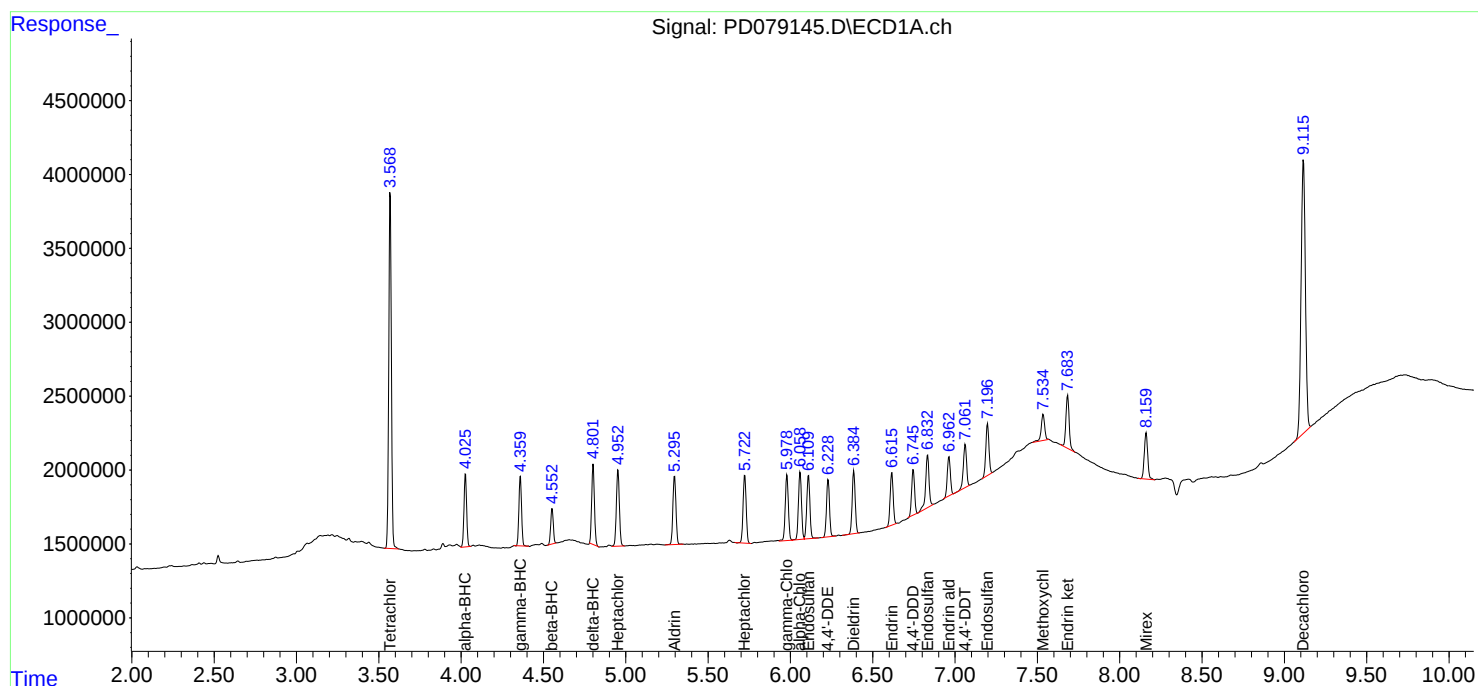
Instrument :
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 LOD-MDL-SOIL-01-QT4-2023

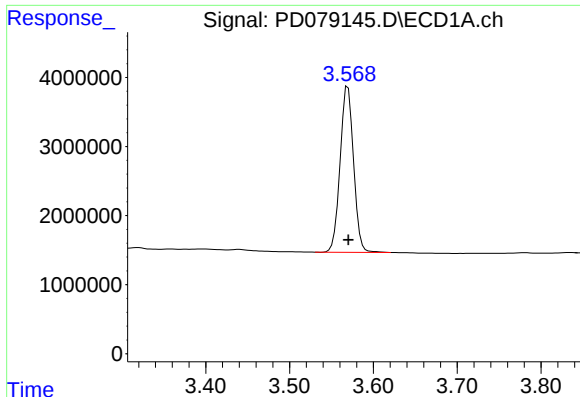
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 Supervised By : Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
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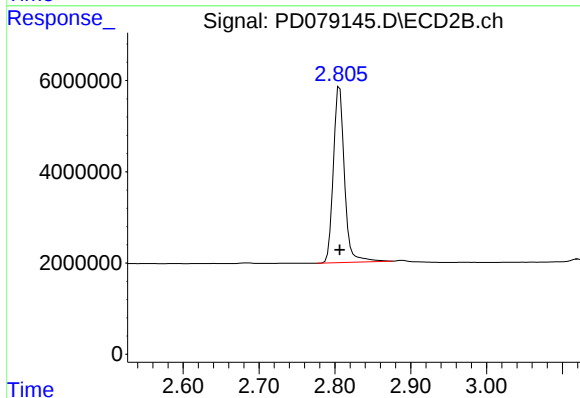
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 26758886
Conc: 16.57 ng/ml

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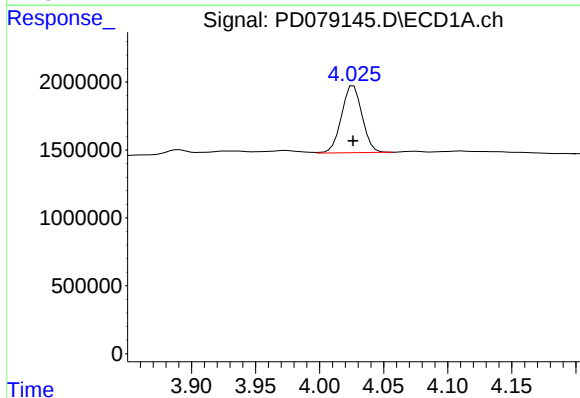
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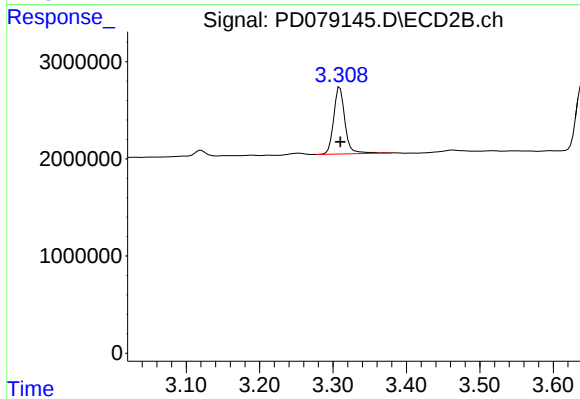
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 39283198
Conc: 16.97 ng/ml



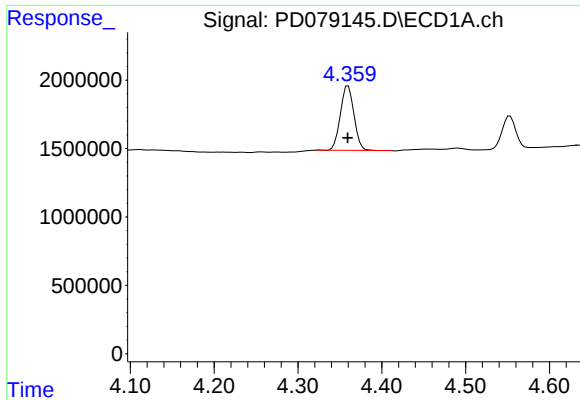
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 5514934
Conc: 2.07 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 7391604
Conc: 2.13 ng/ml



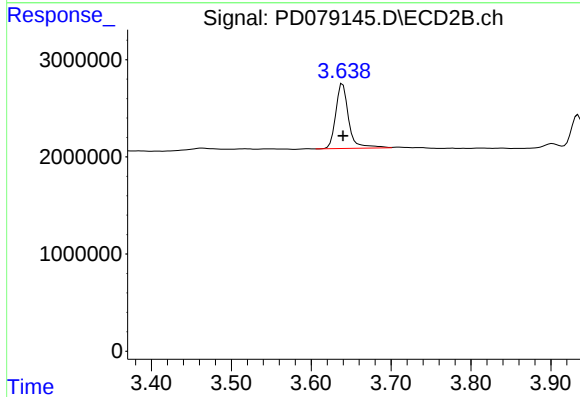
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 5324000
Conc: 2.05 ng/ml

Instrument :
ECD_D
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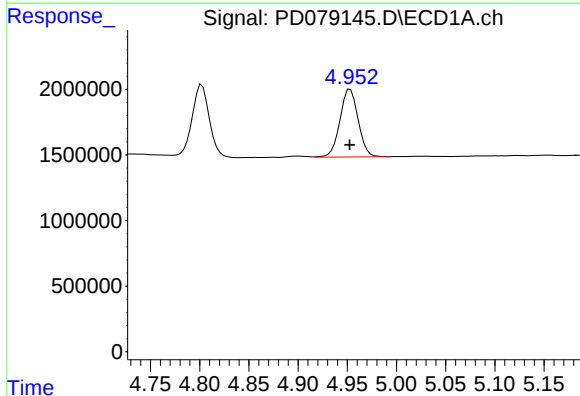
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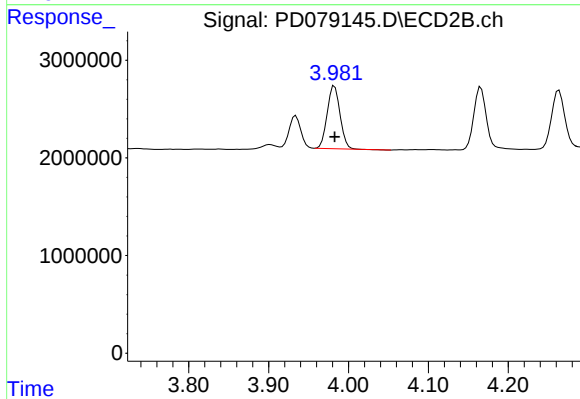
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 7499518
Conc: 2.21 ng/ml



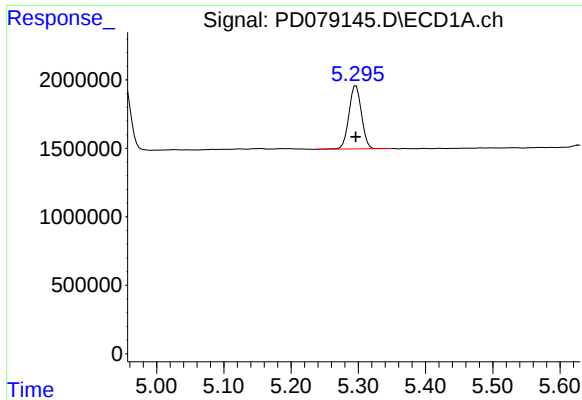
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 6645643
Conc: 2.48 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 7168732
Conc: 2.35 ng/ml



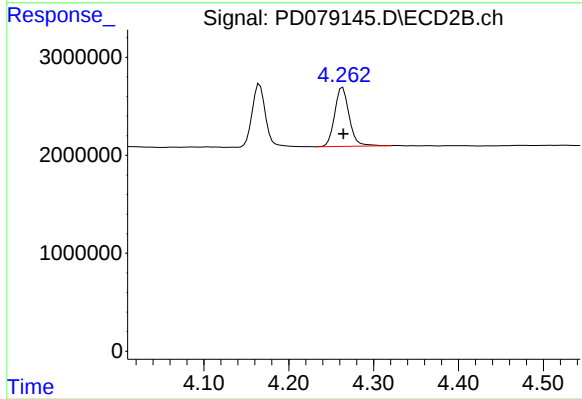
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 5999388
Conc: 2.33 ng/ml

Instrument :
ECD_D
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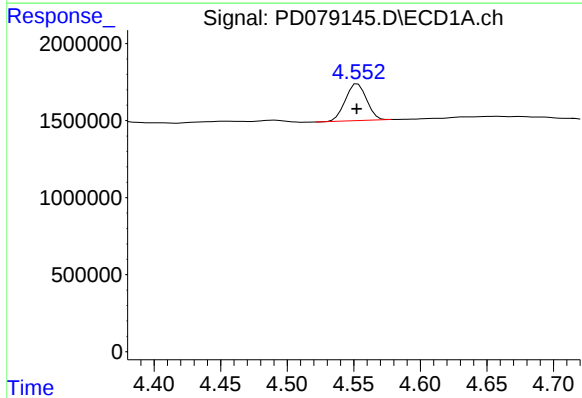
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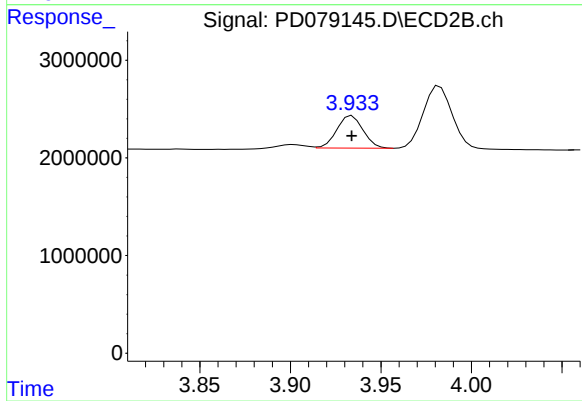
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 7134713
Conc: 2.18 ng/ml



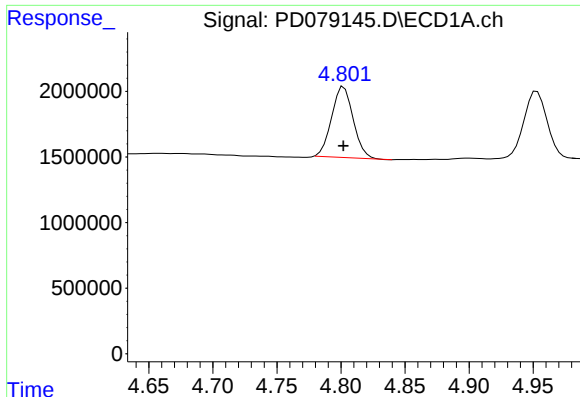
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 2650419
Conc: 2.47 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 3339918
Conc: 2.37 ng/ml m



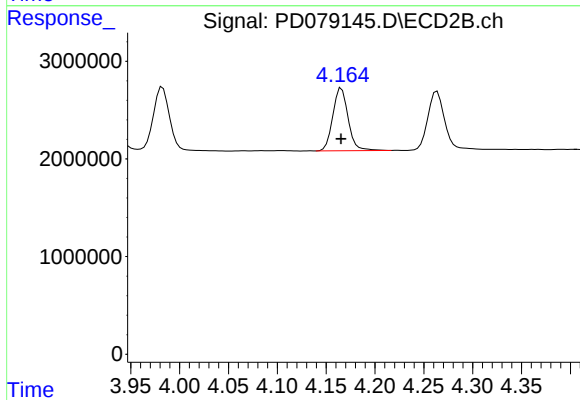
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 6273129
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

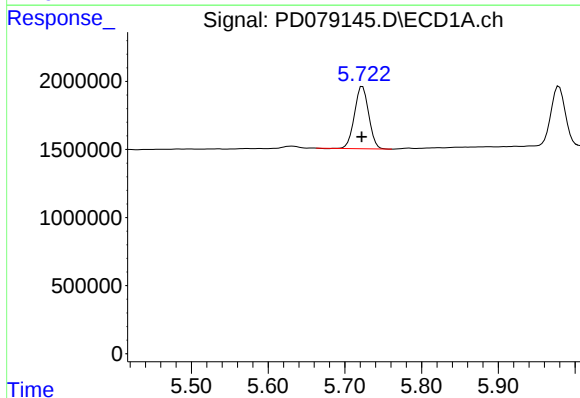
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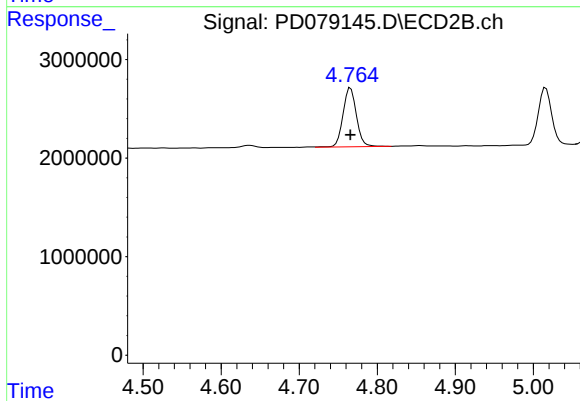
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 7035321
Conc: 2.10 ng/ml



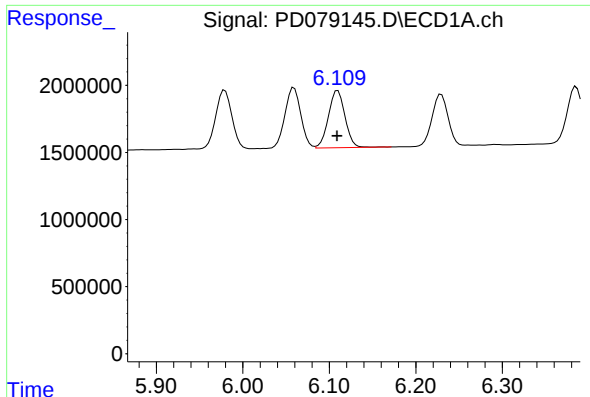
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 5949696
Conc: 2.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 7129694
Conc: 2.40 ng/ml



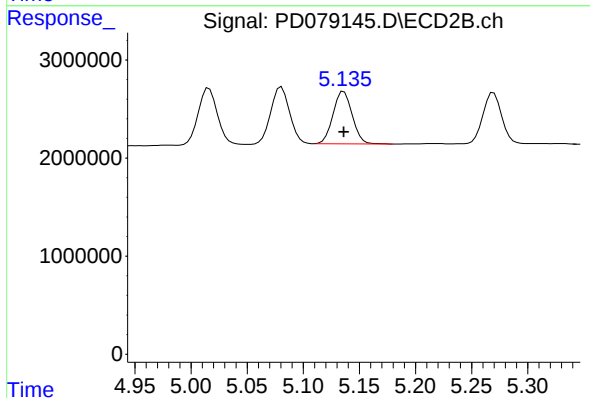
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 5677836
Conc: 2.62 ng/ml

Instrument :
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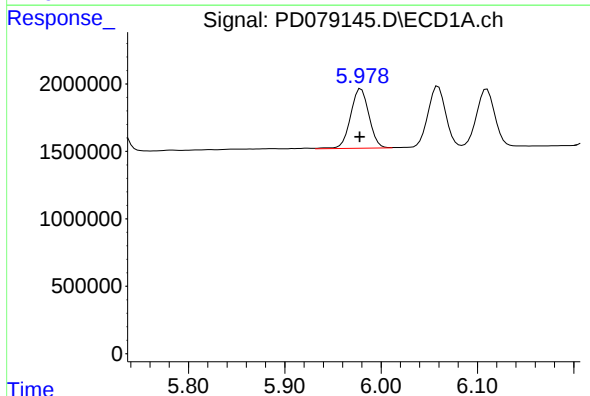
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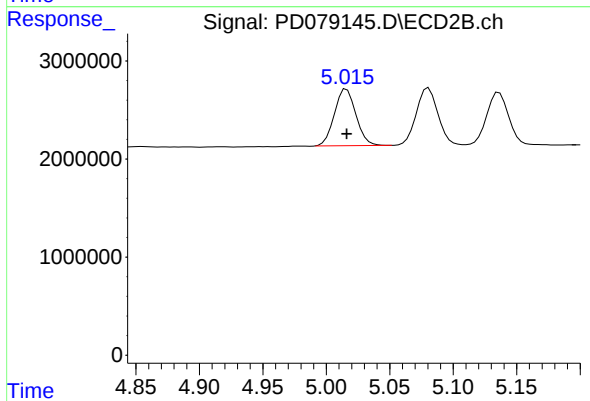
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 6349559
Conc: 2.40 ng/ml



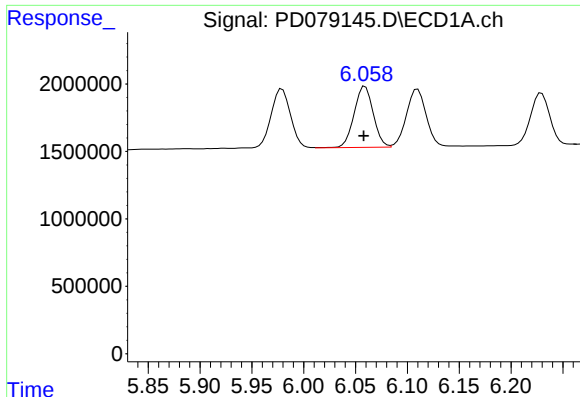
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 5856376
Conc: 2.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6824410
Conc: 2.38 ng/ml



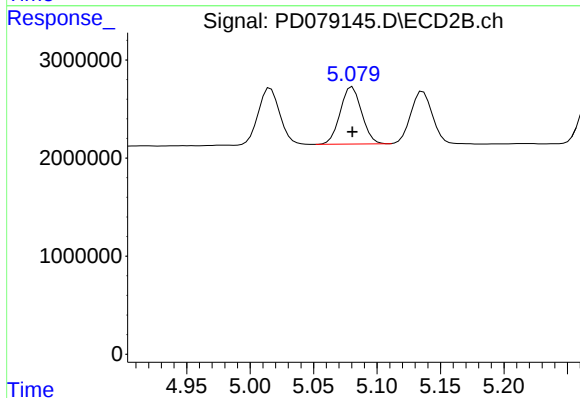
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 5826884
Conc: 2.56 ng/ml

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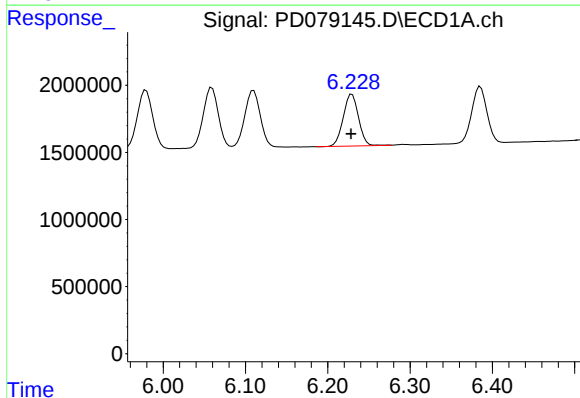
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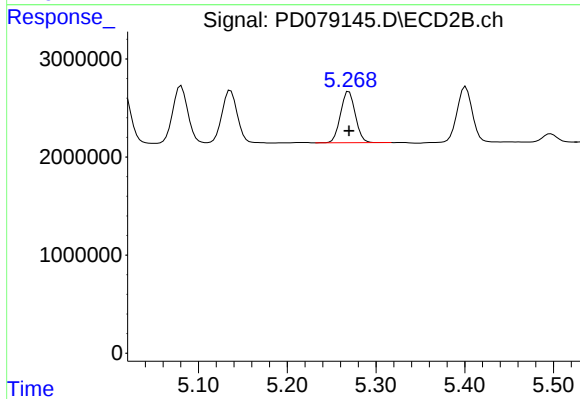
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 6856356
Conc: 2.39 ng/ml



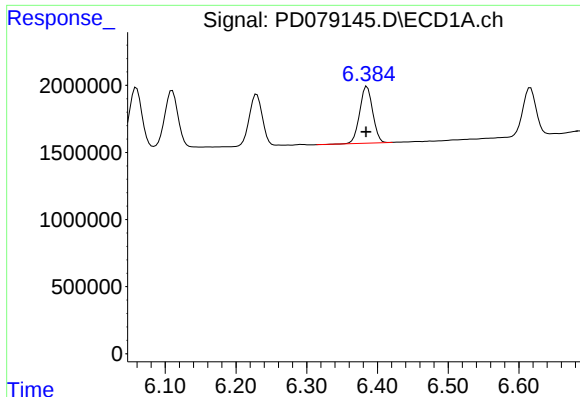
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 4992039
Conc: 2.36 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 6051520
Conc: 2.27 ng/ml



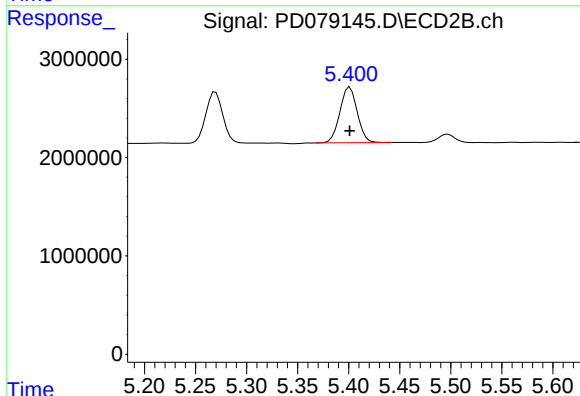
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 5420216
Conc: 2.33 ng/ml

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ECD_D
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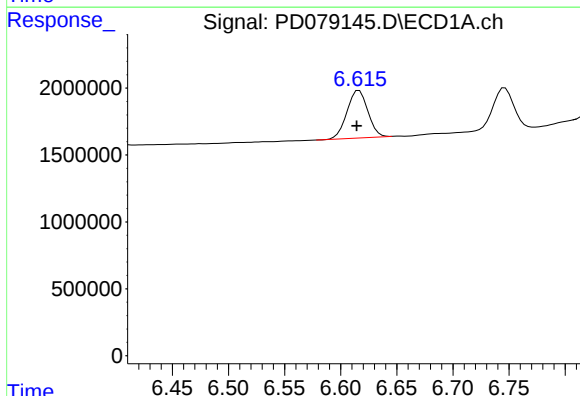
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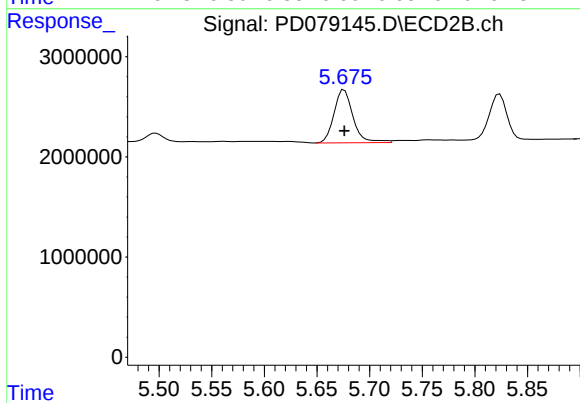
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6712378
Conc: 2.26 ng/ml



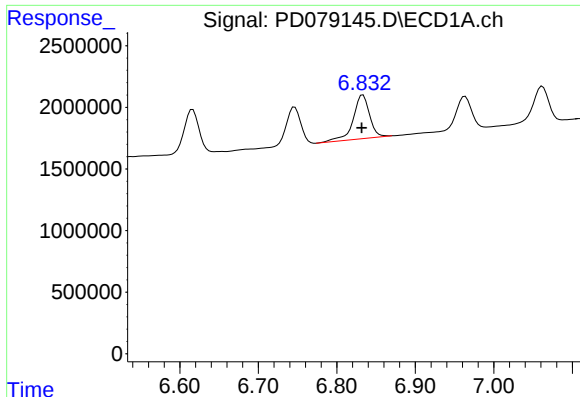
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 4576863
Conc: 2.35 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 6694978
Conc: 2.62 ng/ml



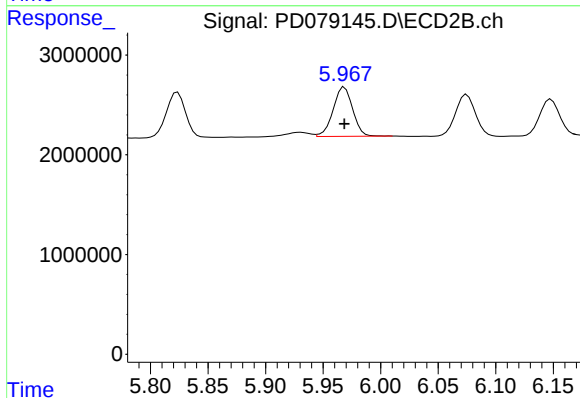
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 5252152
Conc: 2.58 ng/ml

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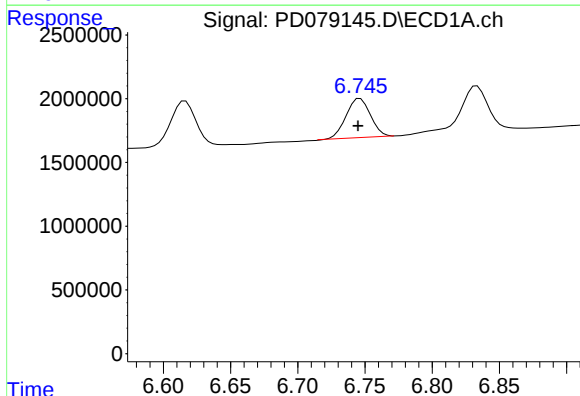
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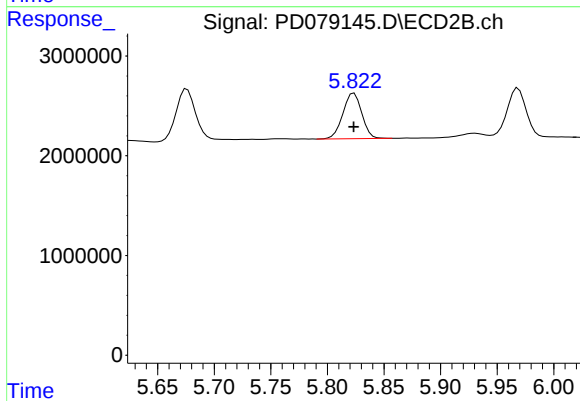
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 5852585
Conc: 2.34 ng/ml



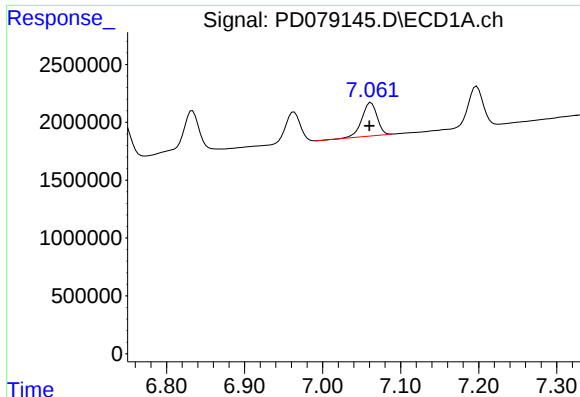
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3875289
Conc: 2.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 5327651
Conc: 2.33 ng/ml



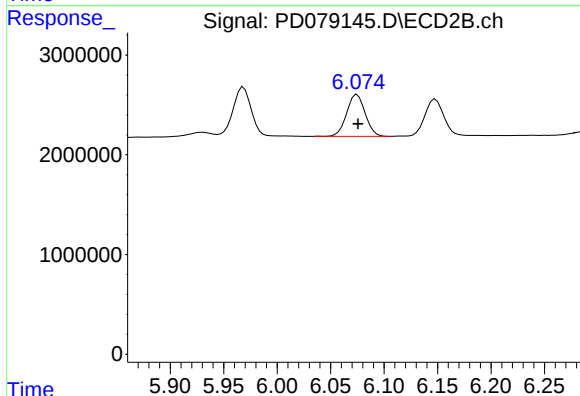
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 3881185
Conc: 2.05 ng/ml

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ECD_D
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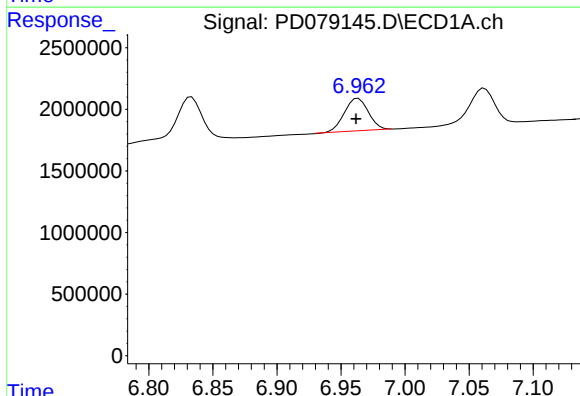
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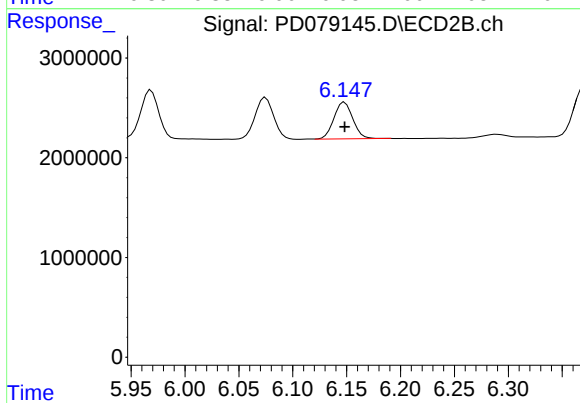
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 5053999
Conc: 2.21 ng/ml



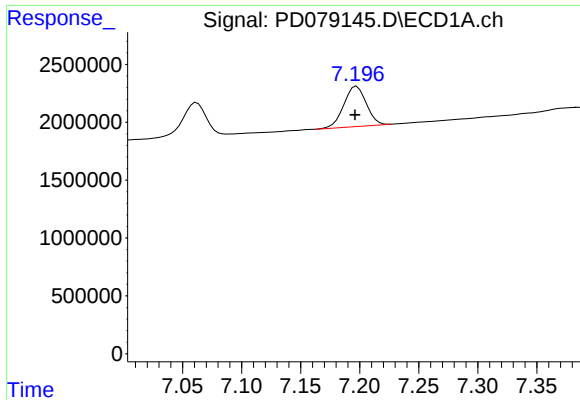
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 3446971
Conc: 2.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 4498223
Conc: 2.42 ng/ml



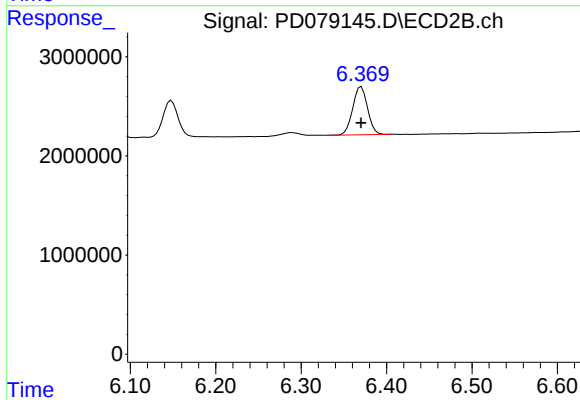
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 4605970
Conc: 2.32 ng/ml

Instrument :
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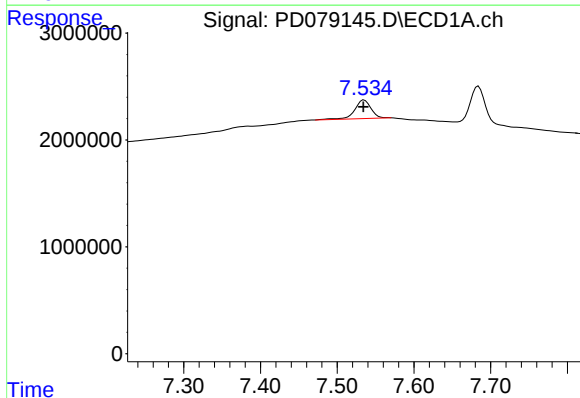
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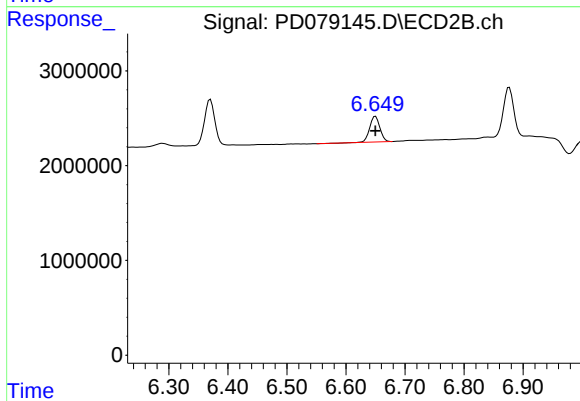
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 5874939
Conc: 2.52 ng/ml



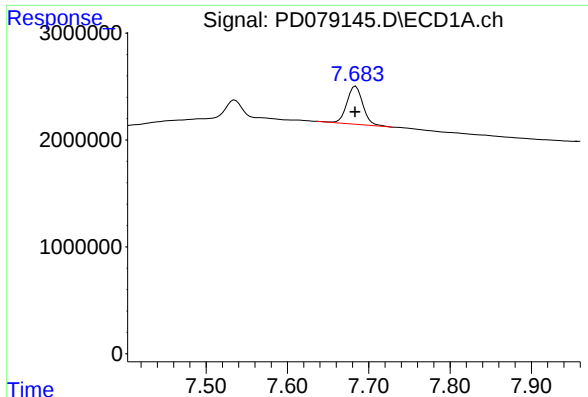
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 2614632
Conc: 2.39 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 3251252
Conc: 2.39 ng/ml



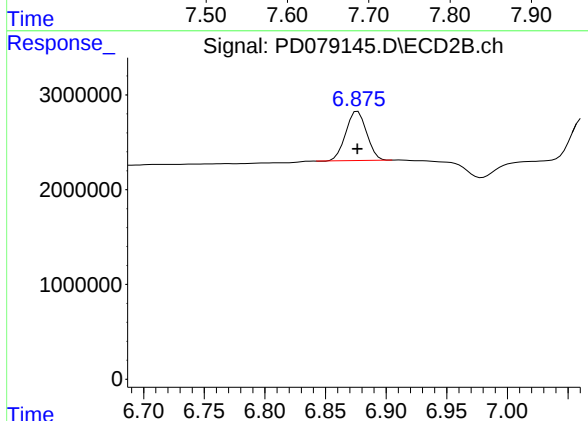
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 4839500
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

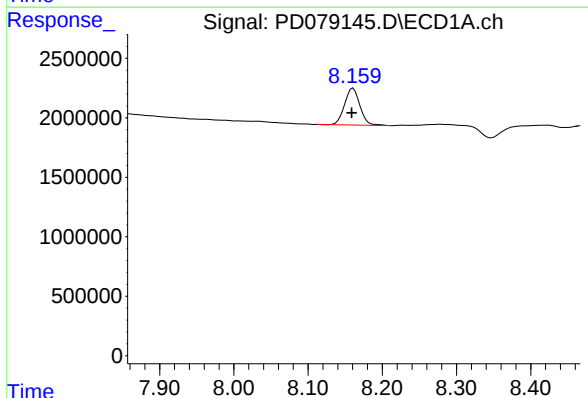
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



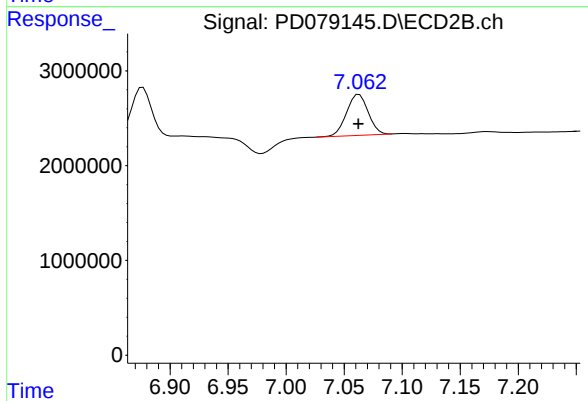
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 6222382
Conc: 2.23 ng/ml



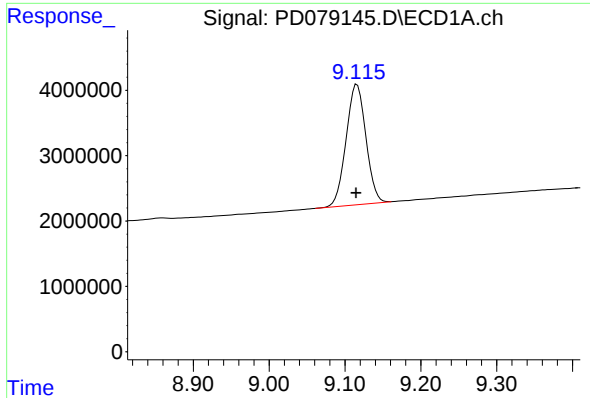
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 4451695
Conc: 2.63 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 5626245
Conc: 2.63 ng/ml



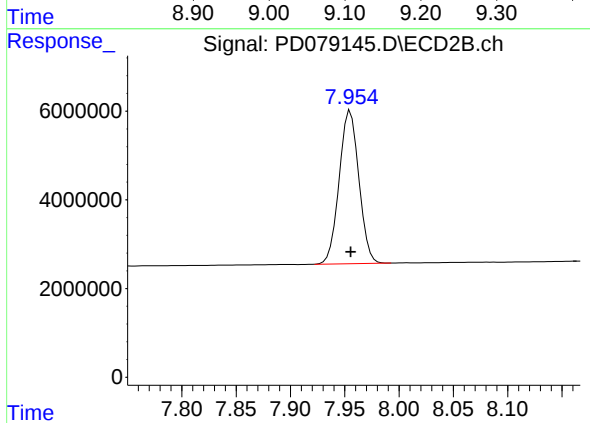
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 33462843
Conc: 16.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 43645862
Conc: 17.91 ng/ml