

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 13:47
 Operator : AR\AJ
 Sample : 04699-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 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 01:35:53 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...	3.569	2.806	28052993	41784987	17.375	18.048
28)	SA Decachlor...	9.116	7.956	35015193	45932479	17.455	18.844
Target Compounds							
2)	A alpha-BHC	4.026	3.309	2549056	3366001	0.958	0.971
3)	MA gamma-BHC...	4.360	3.640	2321572	3273257	0.893	0.964
4)	MA Heptachlor	4.953	3.983	3094245	3336410	1.157	1.092
5)	MB Aldrin	5.297	4.264	2689291	3329148	1.044	1.018
6)	B beta-BHC	4.553	3.933	1232609	1853325	1.150	1.315m
7)	B delta-BHC	4.801	4.166	5769029	3290605	2.155	0.983 #
8)	B Heptachlo...	5.723	4.766	2866521	3278179	1.223	1.106
9)	A Endosulfan I	6.110	5.136	2558801	2884422	1.180	1.089
10)	B gamma-Chl...	5.979	5.017	2736045	3167120	1.193	1.104
11)	B alpha-Chl...	6.059	5.081	2689970	3226849	1.180	1.124
12)	B 4,4'-DDE	6.229	5.270	2236965	2804151	1.059	1.053
13)	MA Dieldrin	6.385	5.401	2516669	3054639	1.081	1.029
14)	MA Endrin	6.616	5.675	2182712	2848152	1.121	1.113m
15)	B Endosulfa...	6.832	5.969	1997715	2717248	0.979m	1.088
16)	A 4,4'-DDD	6.746	5.823	1807155	2429811	1.028m	1.064
17)	MA 4,4'-DDT	7.062	6.075	1581636	2160704	0.835	0.944
18)	B Endrin al...	6.962	6.149	1538797	2036564	0.996m	1.095
19)	B Endosulfa...	7.197	6.372	2073821	2710071	1.043	1.161
20)	A Methoxychlor	7.535	6.651	1256462	1434475	1.147	1.057
21)	B Endrin ke...	7.684	6.877	2105378	2848779	0.966	1.019
22)	Mirex	8.161	7.063	2005501	2512285	1.185	1.176

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
Data File : PD079143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 13:47
Operator : AR\AJ
Sample : 04699-01
Misc : PEST LOD 1PPB
ALS Vial : 7 Sample Multiplier: 1

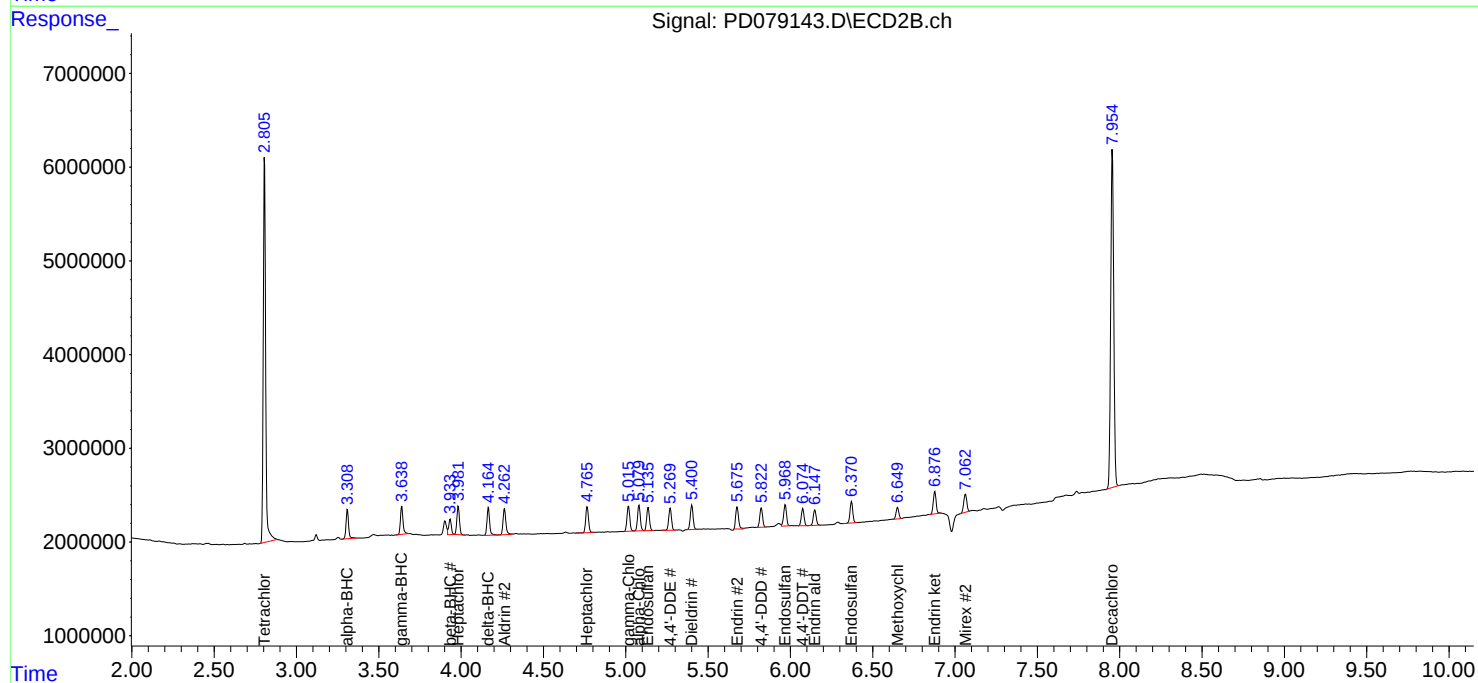
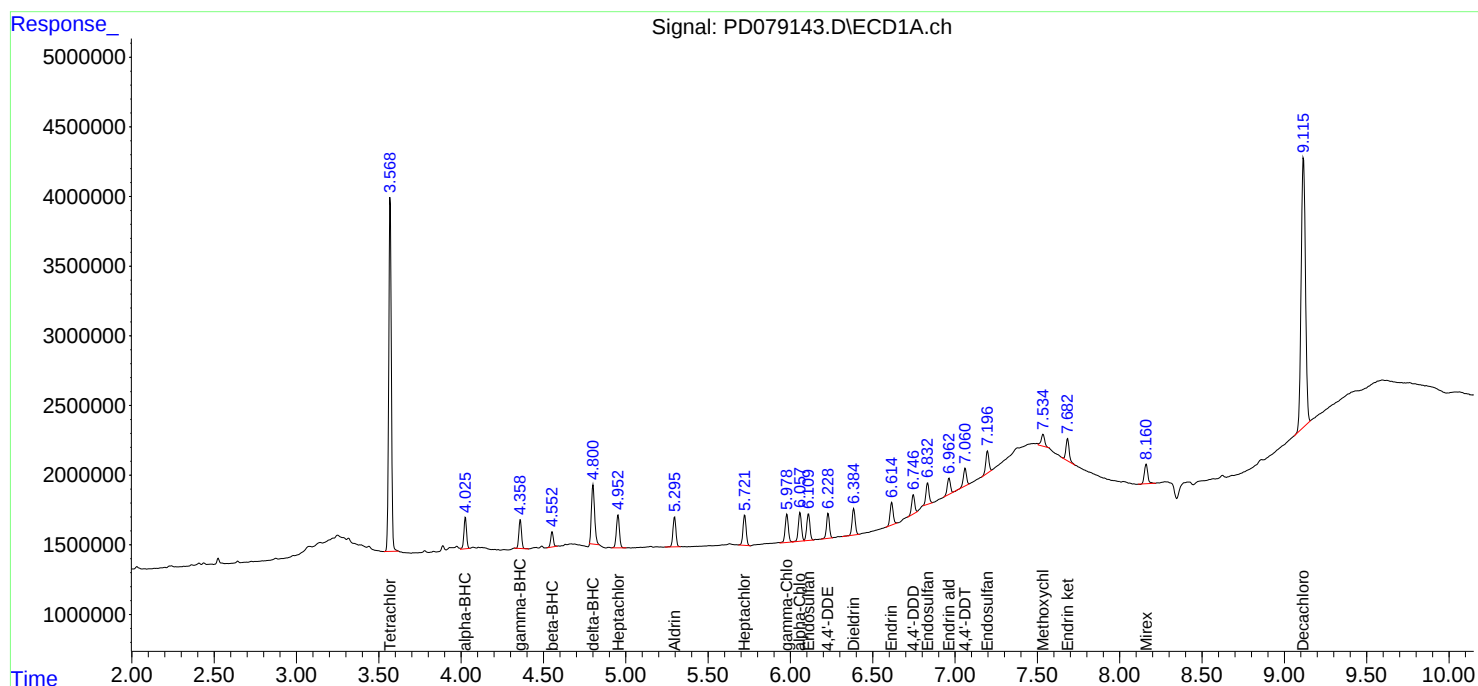
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

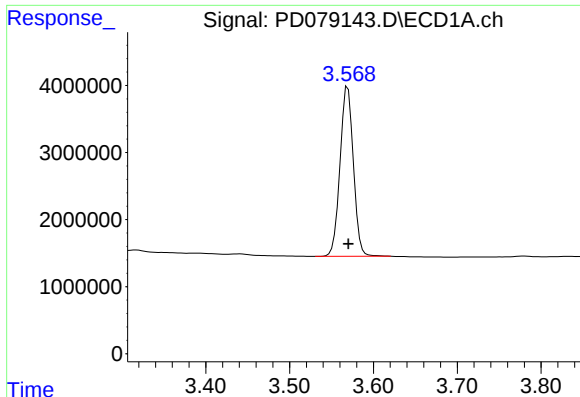
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Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 01:35:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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Volume Inj. : 1 µl
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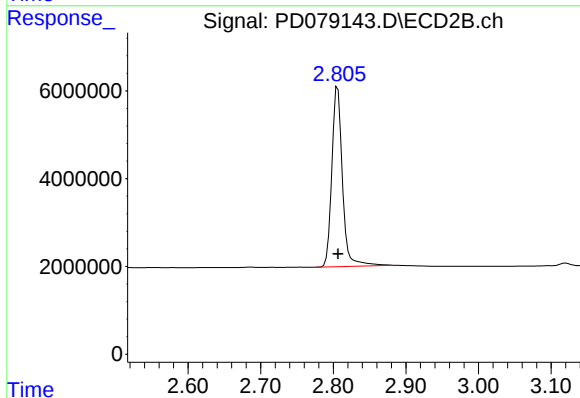
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 28052993
Conc: 17.37 ng/ml

Instrument :
ECD_D
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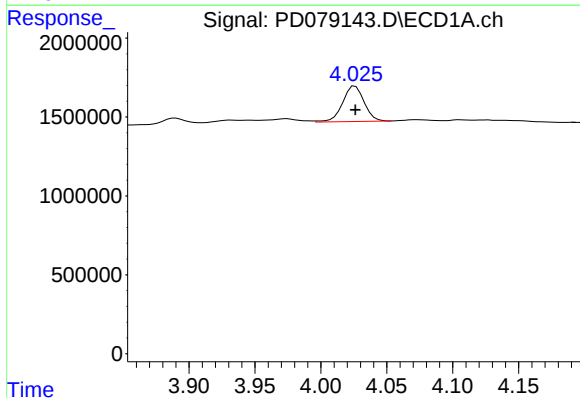
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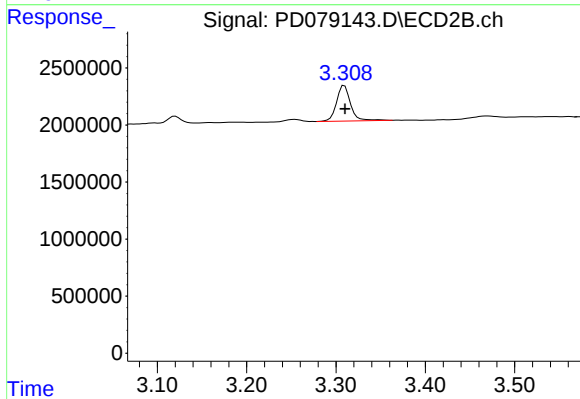
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 41784987
Conc: 18.05 ng/ml



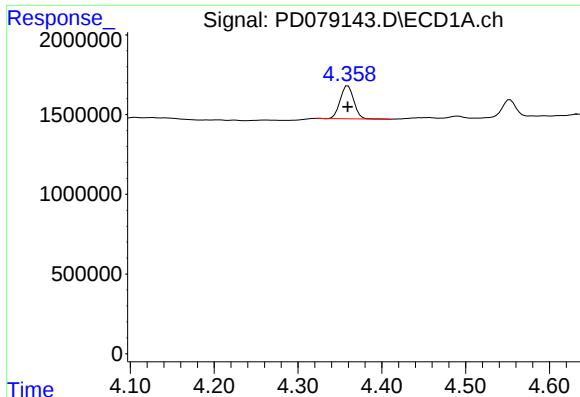
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2549056
Conc: 0.96 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 3366001
Conc: 0.97 ng/ml



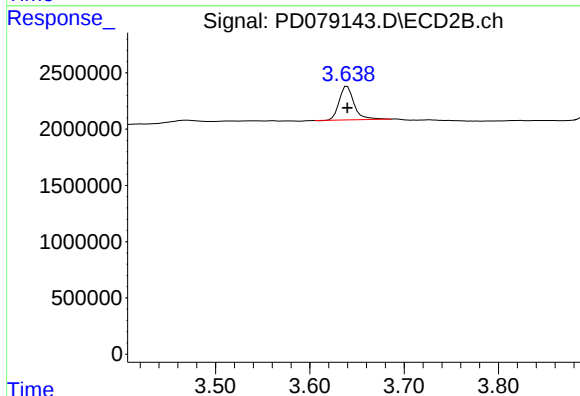
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2321572
Conc: 0.89 ng/ml

Instrument :
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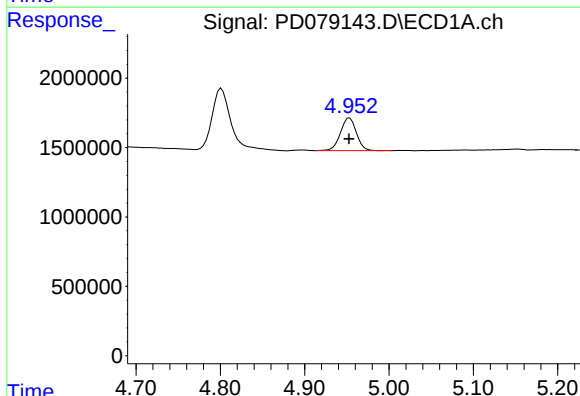
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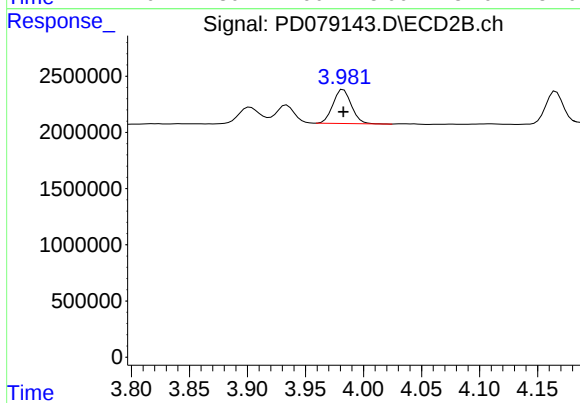
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 3273257
Conc: 0.96 ng/ml



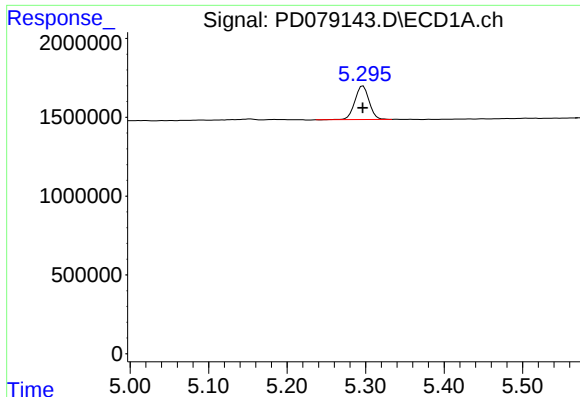
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 3094245
Conc: 1.16 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 3336410
Conc: 1.09 ng/ml



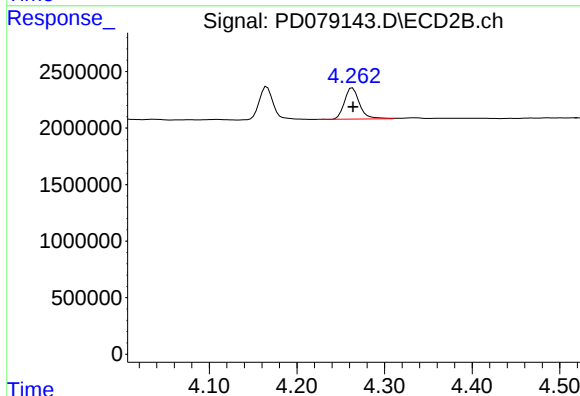
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 2689291
Conc: 1.04 ng/ml

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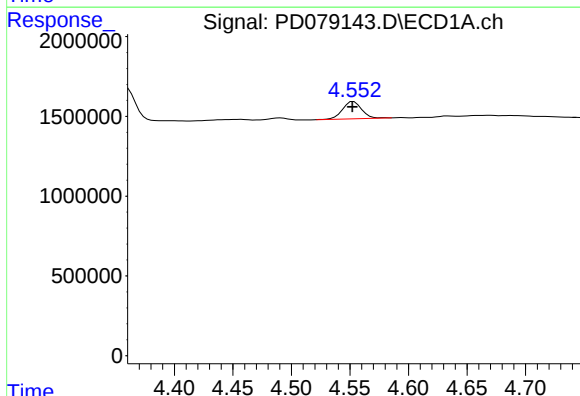
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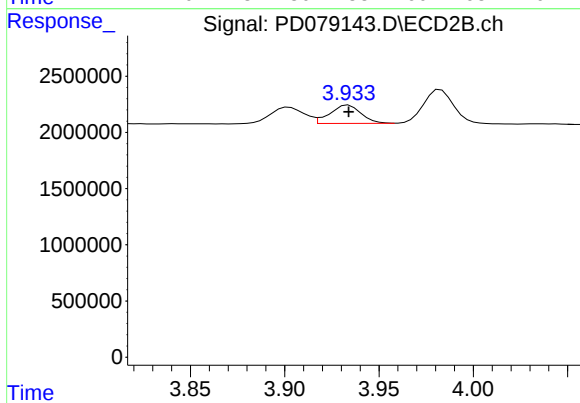
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 3329148
Conc: 1.02 ng/ml



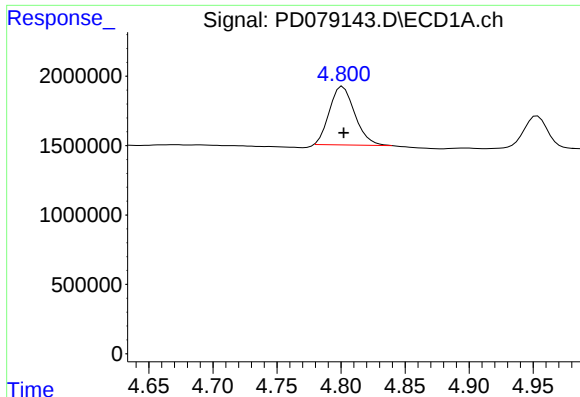
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1232609
Conc: 1.15 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 1853325
Conc: 1.32 ng/ml m



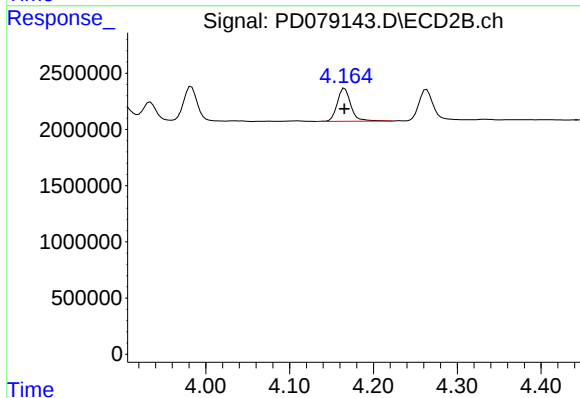
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 5769029
Conc: 2.15 ng/ml

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

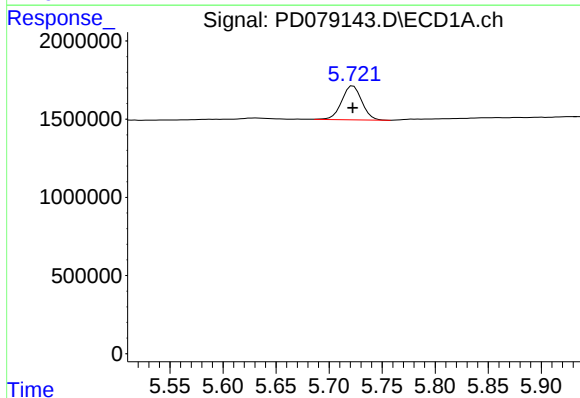
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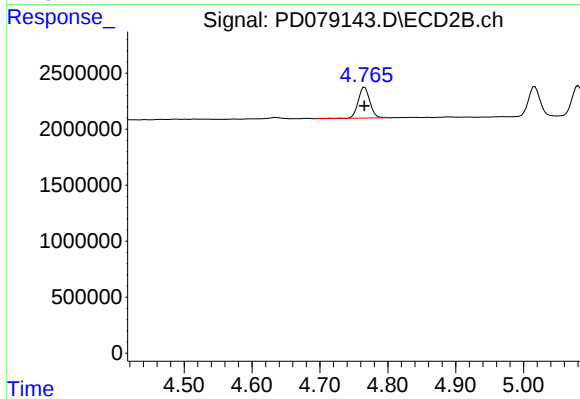
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 3290605
Conc: 0.98 ng/ml



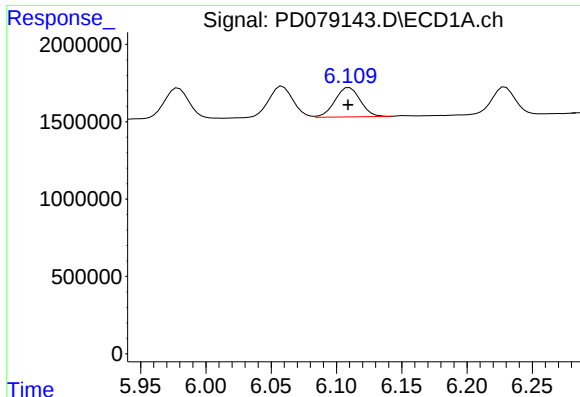
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 2866521
Conc: 1.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 3278179
Conc: 1.11 ng/ml



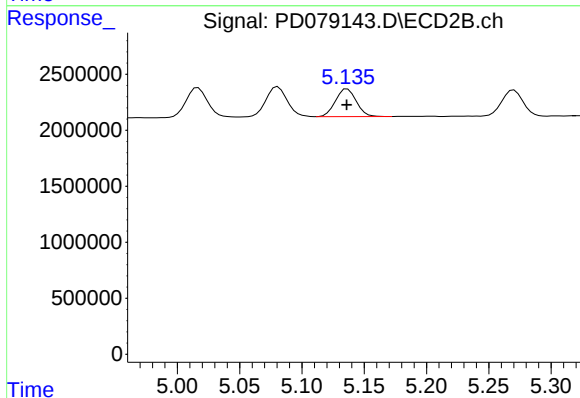
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 2558801
Conc: 1.18 ng/ml

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

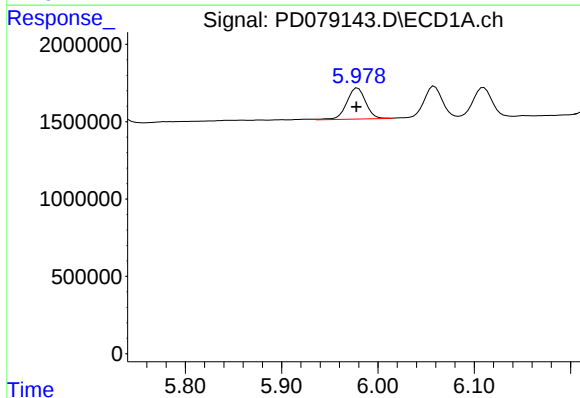
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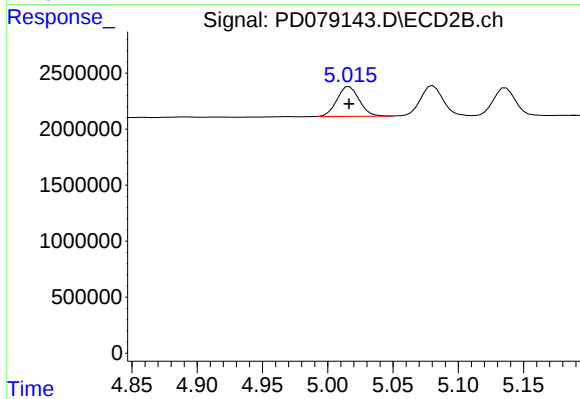
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2884422
Conc: 1.09 ng/ml



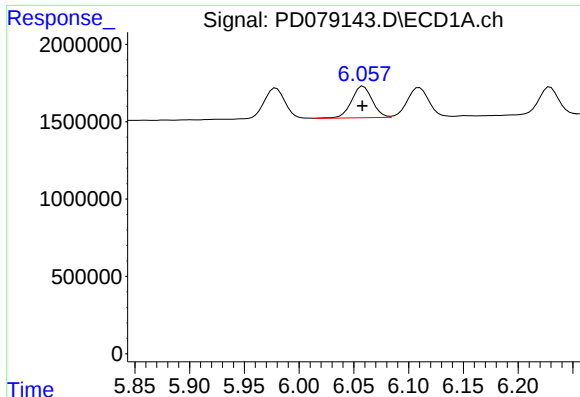
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 2736045
Conc: 1.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 3167120
Conc: 1.10 ng/ml



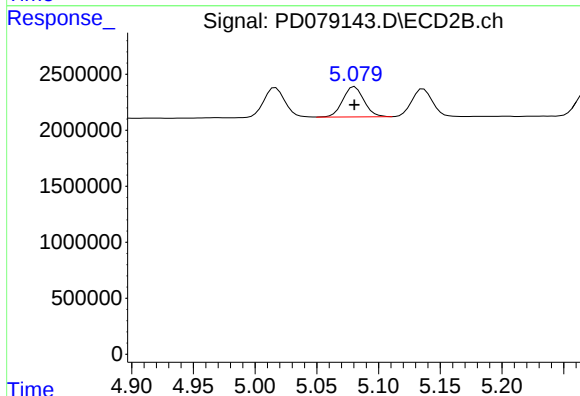
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 2689970
Conc: 1.18 ng/ml

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

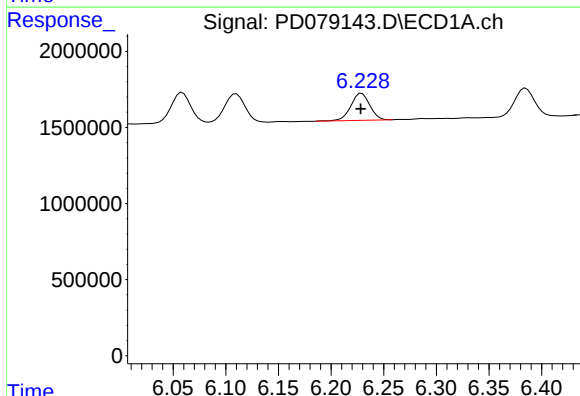
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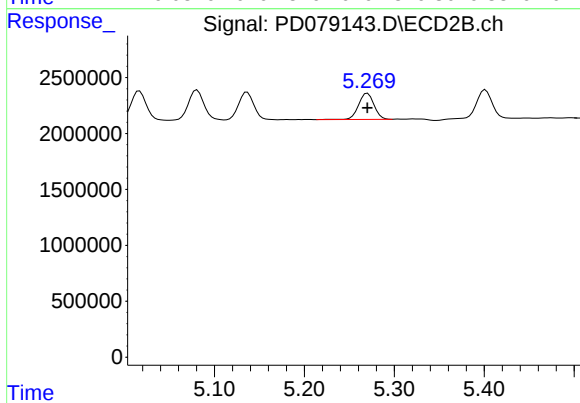
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 3226849
Conc: 1.12 ng/ml



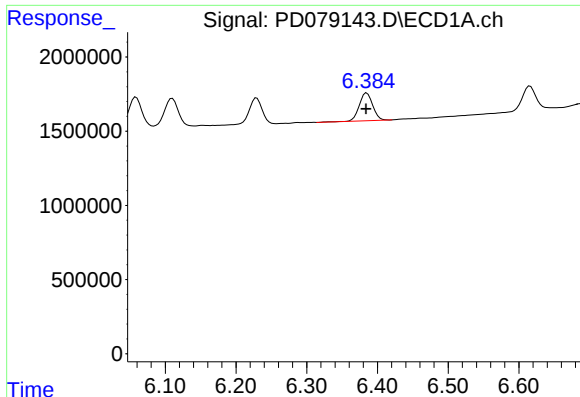
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 2236965
Conc: 1.06 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 2804151
Conc: 1.05 ng/ml



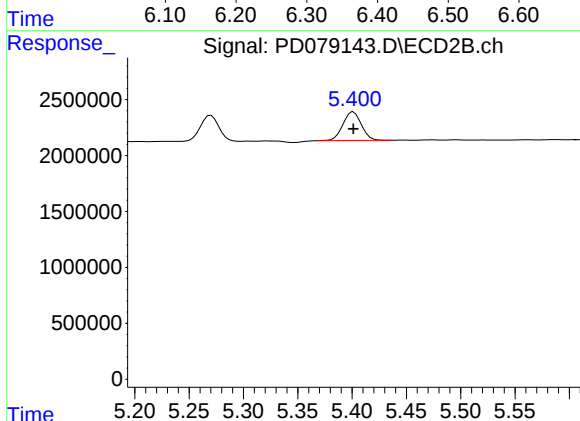
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 2516669
Conc: 1.08 ng/ml

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

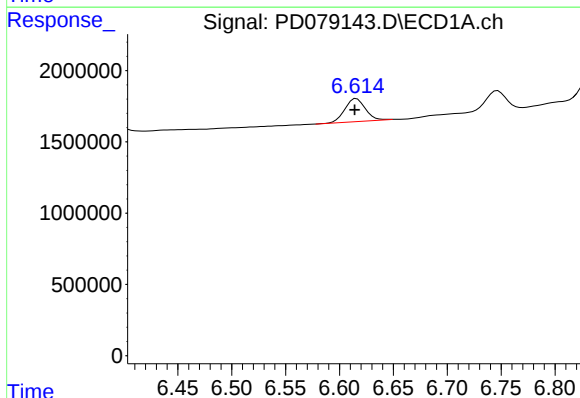
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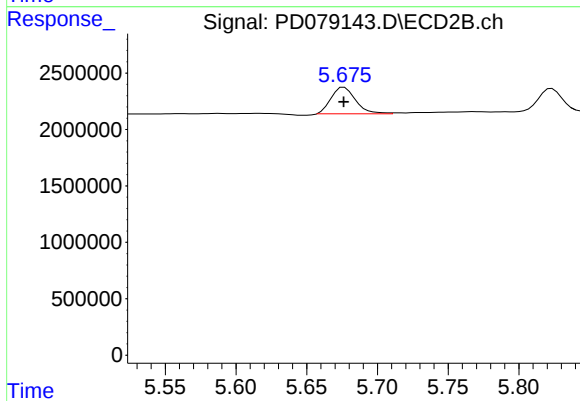
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 3054639
Conc: 1.03 ng/ml



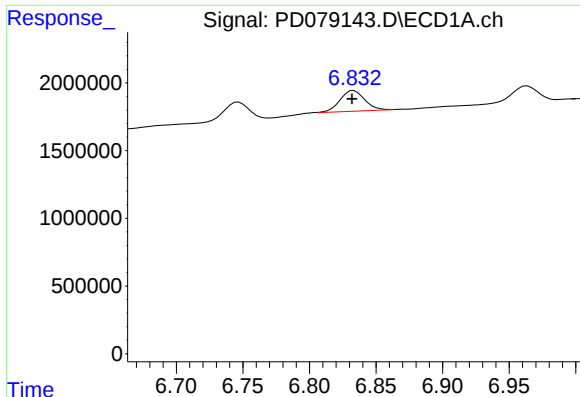
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 2182712
Conc: 1.12 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 2848152
Conc: 1.11 ng/ml m



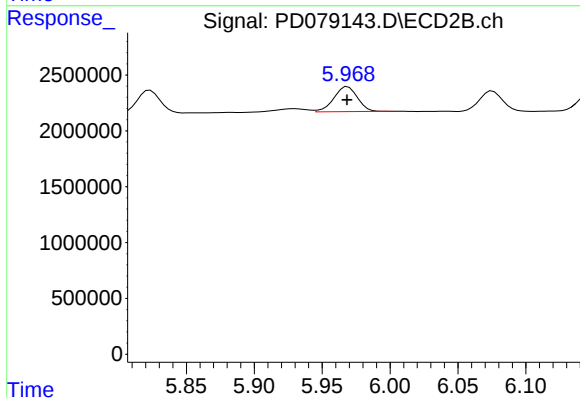
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 1997715
Conc: 0.98 ng/ml

Instrument :
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ClientSampleId :
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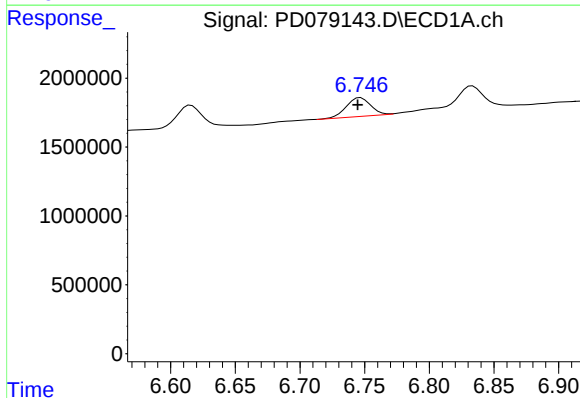
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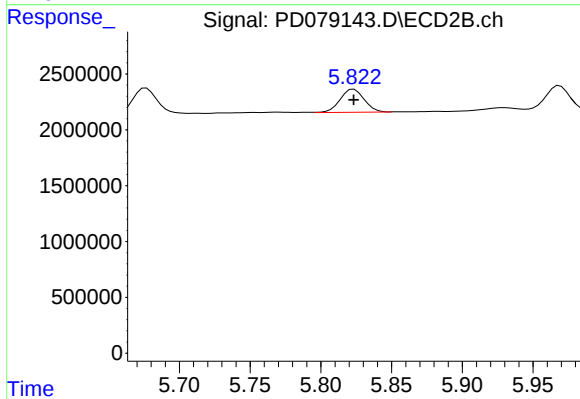
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 2717248
Conc: 1.09 ng/ml



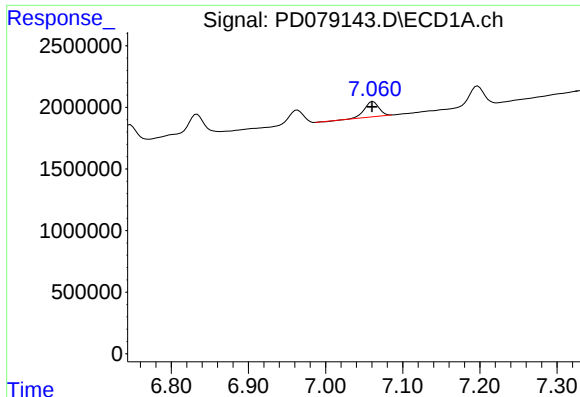
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 1807155
Conc: 1.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 2429811
Conc: 1.06 ng/ml



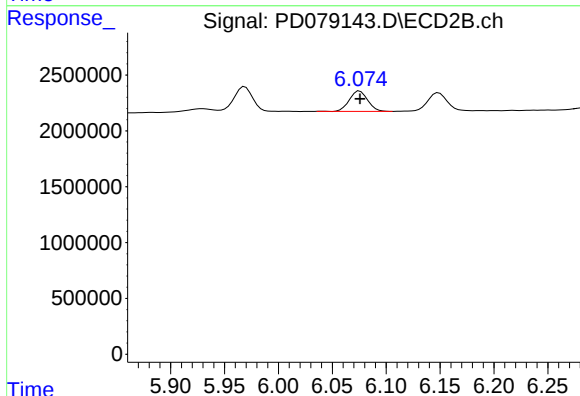
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 1581636
Conc: 0.84 ng/ml

Instrument :
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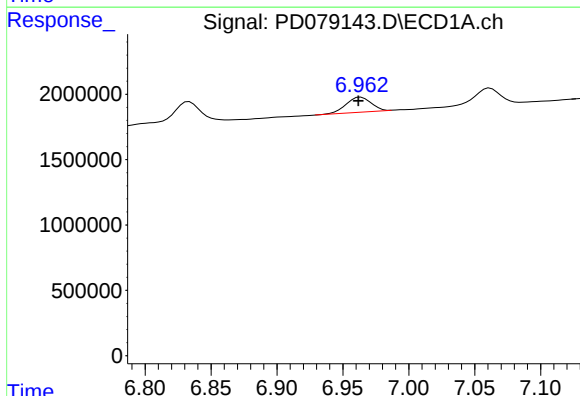
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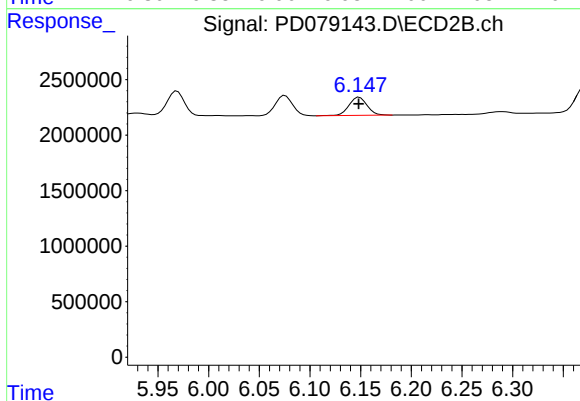
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 2160704
Conc: 0.94 ng/ml



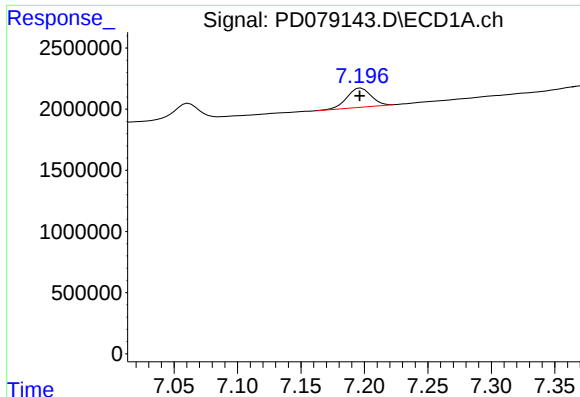
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 1538797
Conc: 1.00 ng/ml m



#18 Endrin aldehyde

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 2036564
Conc: 1.10 ng/ml



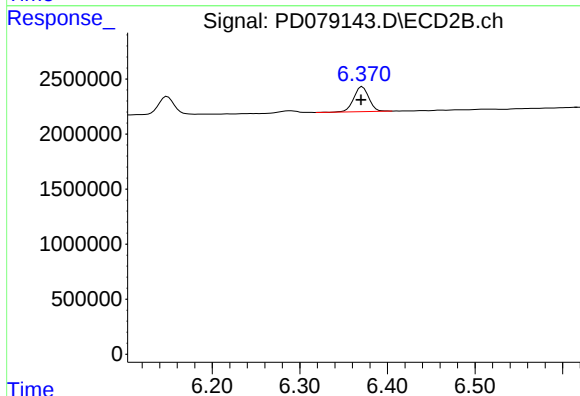
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 2073821
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
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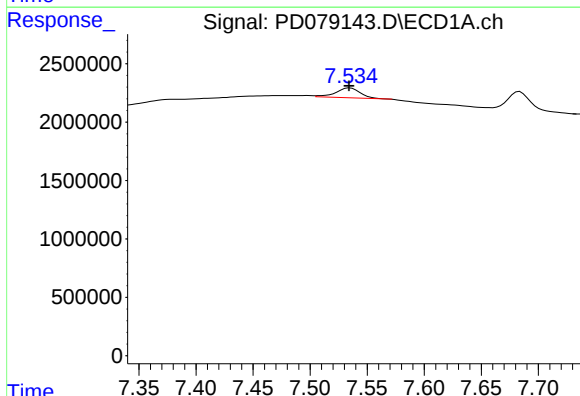
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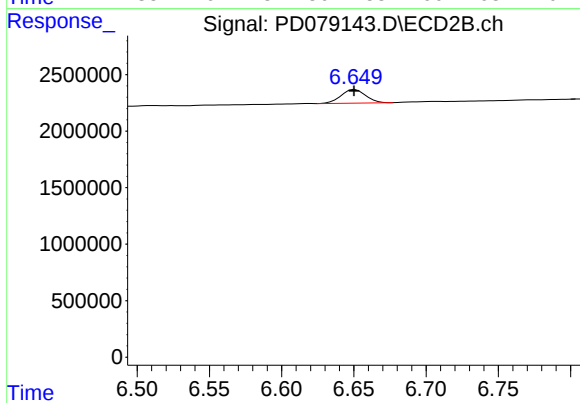
#19 Endosulfan Sulfate

R.T.: 6.372 min
Delta R.T.: 0.002 min
Response: 2710071
Conc: 1.16 ng/ml



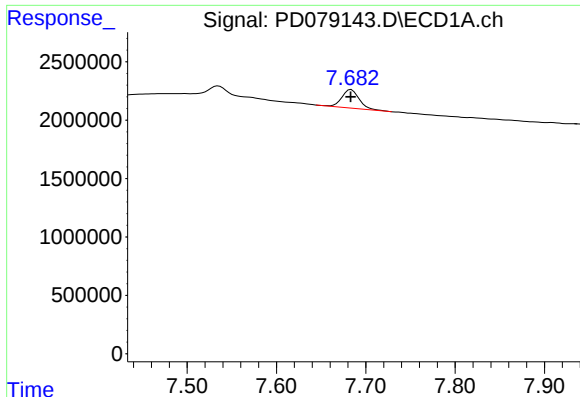
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 1256462
Conc: 1.15 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 1434475
Conc: 1.06 ng/ml



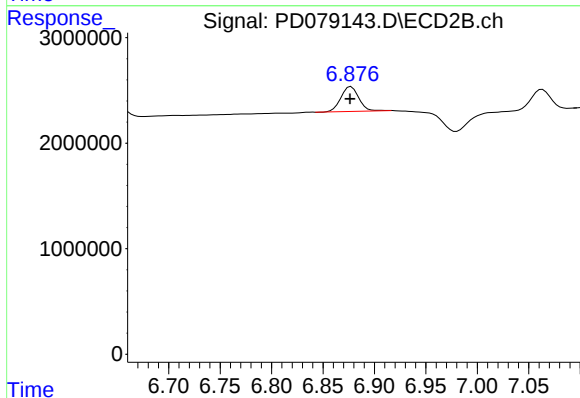
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 2105378
Conc: 0.97 ng/ml

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

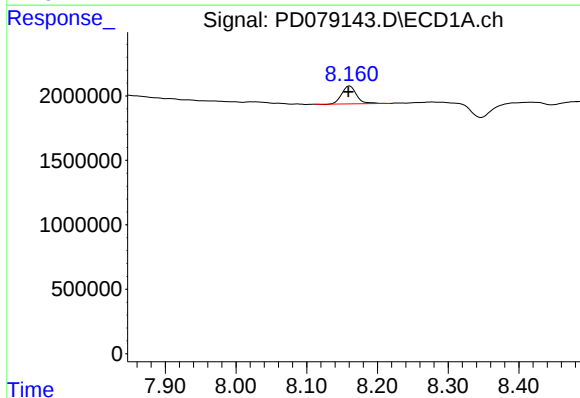
Manual Integrations
APPROVED

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



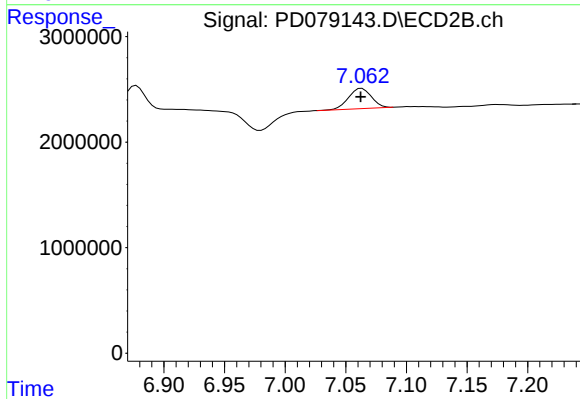
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2848779
Conc: 1.02 ng/ml



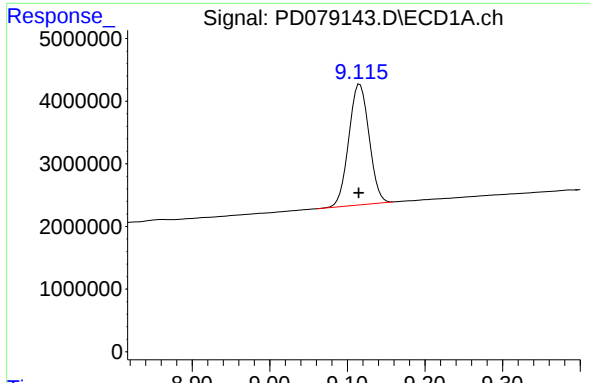
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 2005501
Conc: 1.18 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 2512285
Conc: 1.18 ng/ml



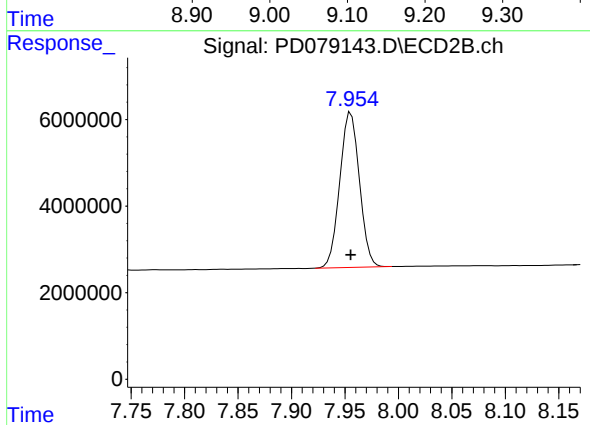
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 35015193
Conc: 17.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 45932479
Conc: 18.84 ng/ml