

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:25
 Operator : AR\AJ
 Sample : 01627-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/16/2023
 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:57:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.551	2.772	47221397	23195846	20.244	19.060
28)	SA Decachlor...	9.100	7.926	55260675	25664927	20.661	20.918
Target Compounds							
2)	A alpha-BHC	4.007	3.275	9041163	3987423	2.330	2.146
3)	MA gamma-BHC...	4.341	3.606	8824587	3985907	2.515	2.327
4)	MA Heptachlor	4.934	3.948	9391059	3953687	2.741	2.318
5)	MB Aldrin	5.277	4.229	9416132	4040226	2.796	2.395
6)	B beta-BHC	4.536	3.901	4645978	2072589	3.144	2.745
7)	B delta-BHC	4.782	4.132	10445753	3937755	3.806m	2.313 #
8)	B Heptachlo...	5.702	4.731	8894634	3891043	3.162m	2.535
9)	A Endosulfan I	6.092	5.102	8171832	3493206	2.874	2.427
10)	B gamma-Chl...	5.961	4.982	8564707	3850103	2.854	2.480
11)	B alpha-Chl...	6.041	5.046	8743164	3901406	2.899	2.533
12)	B 4,4'-DDE	6.213	5.237	7377364	3201298	2.676	2.269
13)	MA Dieldrin	6.367	5.368	8433926	3678324	2.859	2.446
14)	MA Endrin	6.598	5.643	6643865	3296685	2.673	2.522
15)	B Endosulfa...	6.815	5.937	7798606	3482740	3.028m	2.768
16)	A 4,4'-DDD	6.731	5.791	6140032	2851275	2.737	2.443
17)	MA 4,4'-DDT	7.047	6.043	6853408	2894790	2.689	2.357
18)	B Endrin al...	6.948	6.117	6674902	3076314	3.339	3.029
19)	B Endosulfa...	7.183	6.340	7580723	3349686	3.070	2.744
20)	A Methoxychlor	7.522	6.620	4413059	1876760	3.154	2.774
21)	B Endrin ke...	7.670	6.846	9066115	3973957	3.257	2.694
22)	Mirex	8.146	7.031	7364404	3521117	3.468	3.100

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:25
 Operator : AR\AJ
 Sample : 01627-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 15 Sample Multiplier: 1

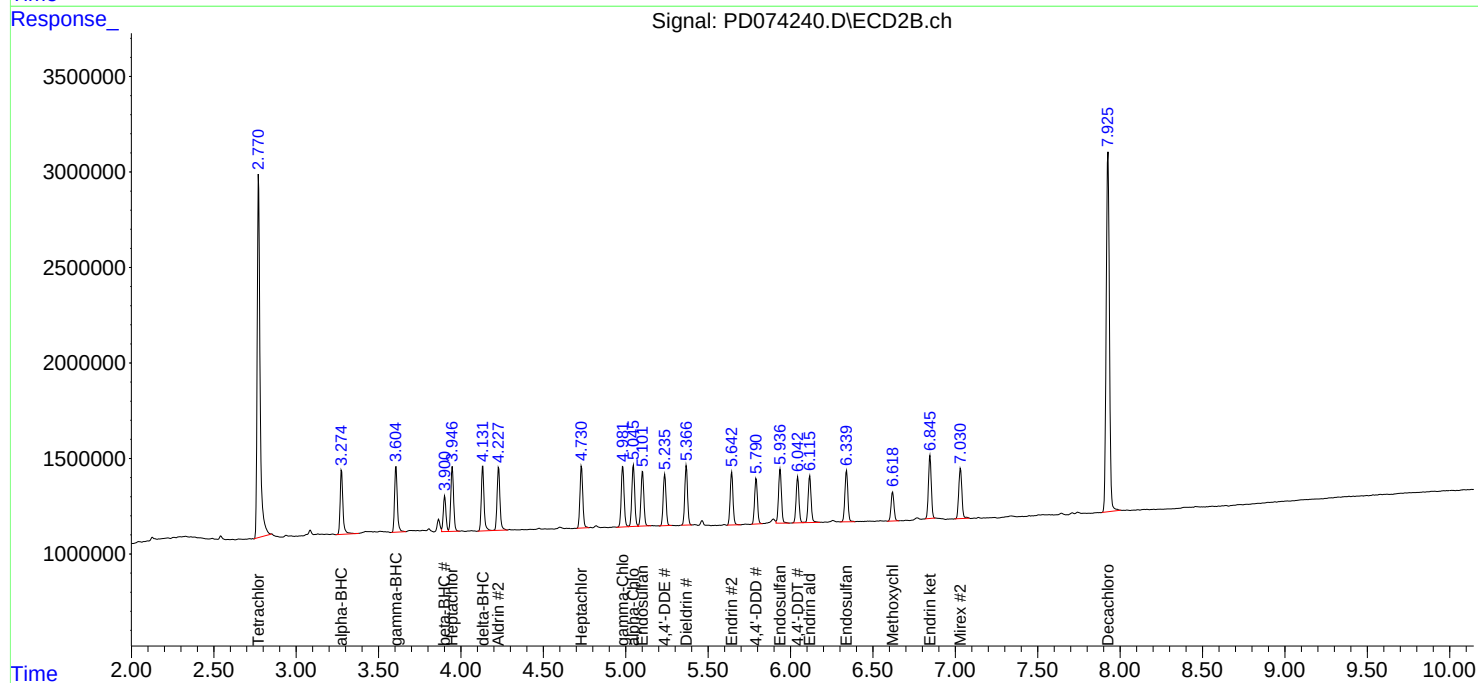
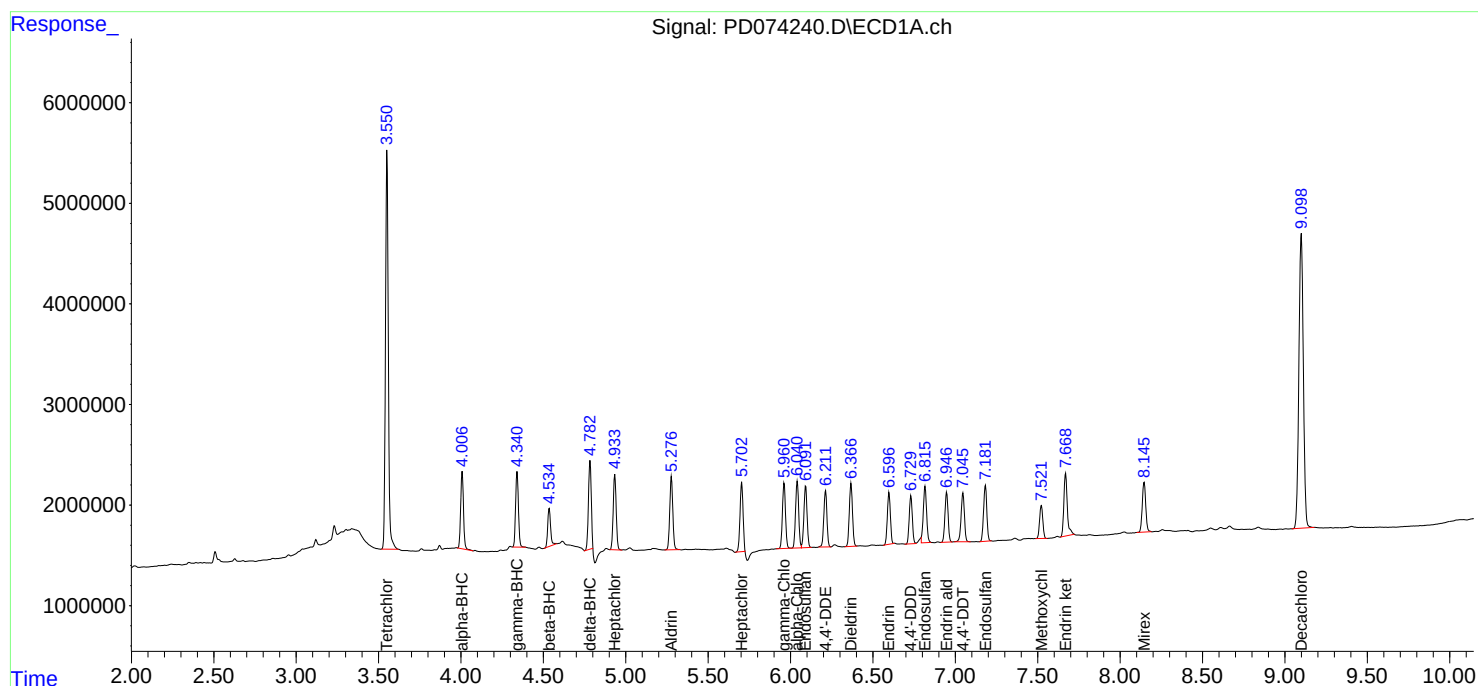
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

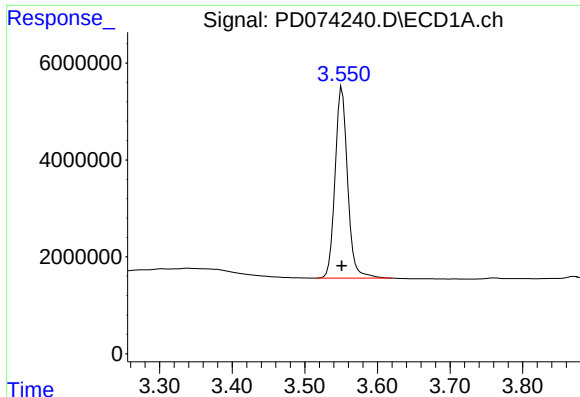
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:57:27 2023
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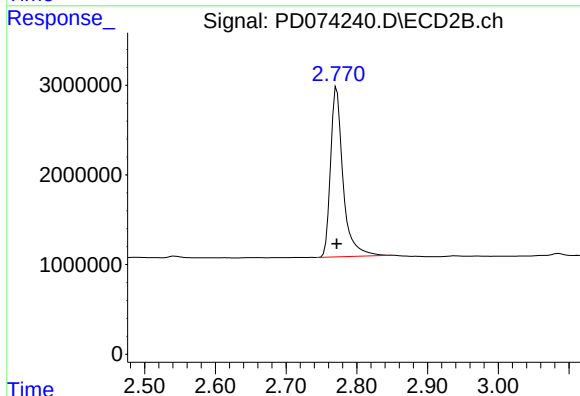
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47221397
Conc: 20.24 ng/ml

Instrument :
ECD_D
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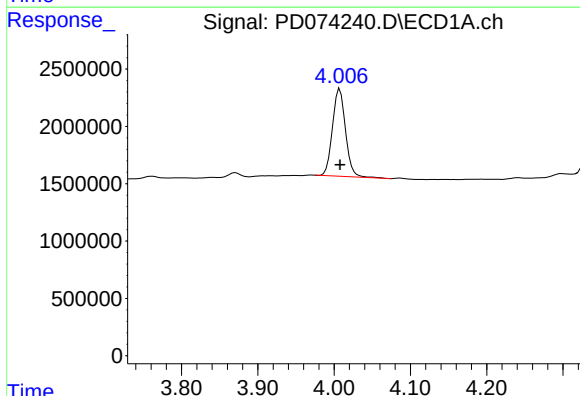
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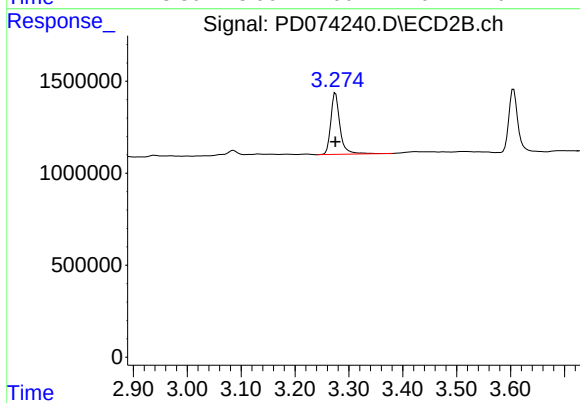
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 23195846
Conc: 19.06 ng/ml



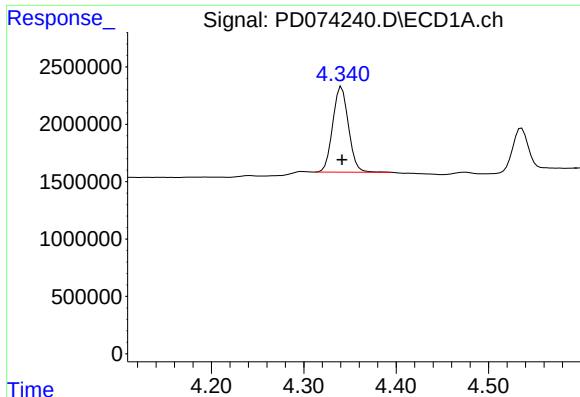
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9041163
Conc: 2.33 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 3987423
Conc: 2.15 ng/ml



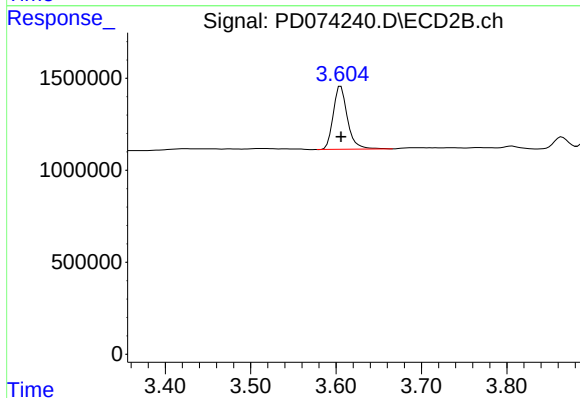
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 8824587
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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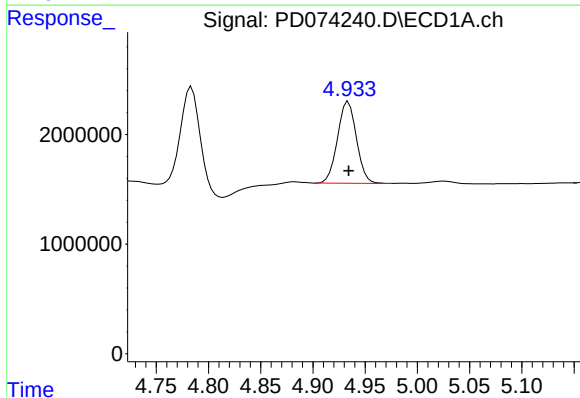
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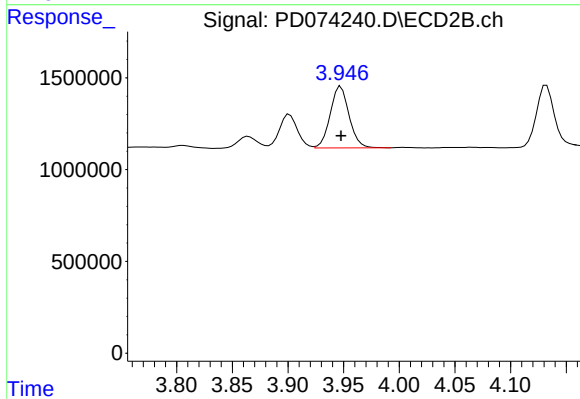
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 3985907
Conc: 2.33 ng/ml



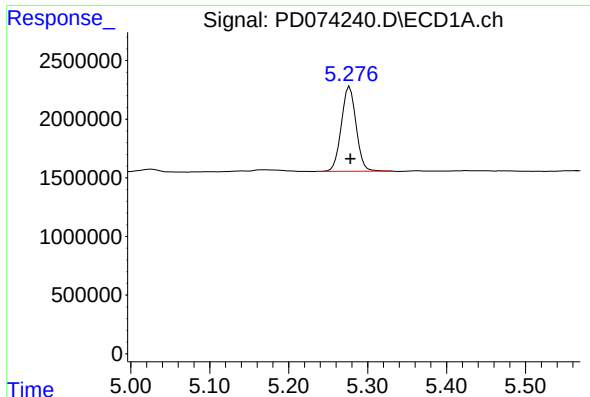
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 9391059
Conc: 2.74 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 3953687
Conc: 2.32 ng/ml



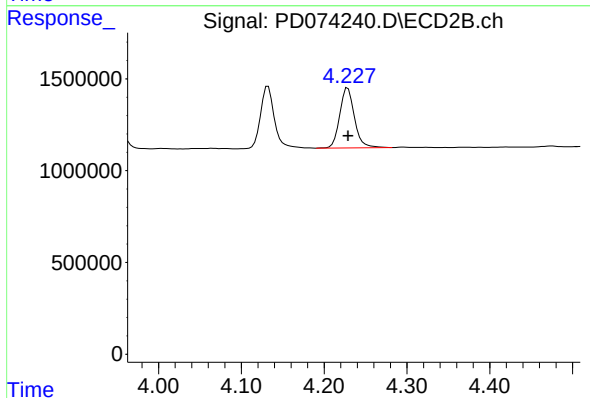
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 9416132
Conc: 2.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
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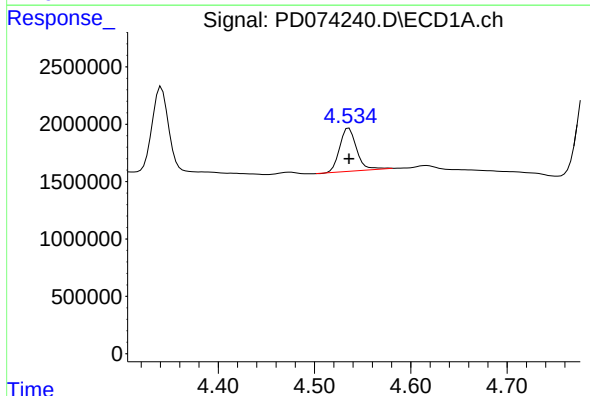
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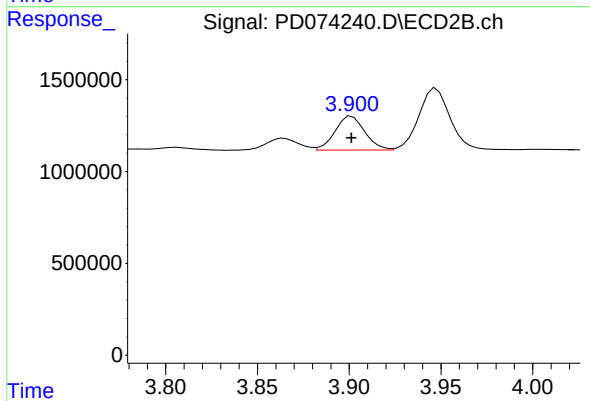
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 4040226
Conc: 2.39 ng/ml



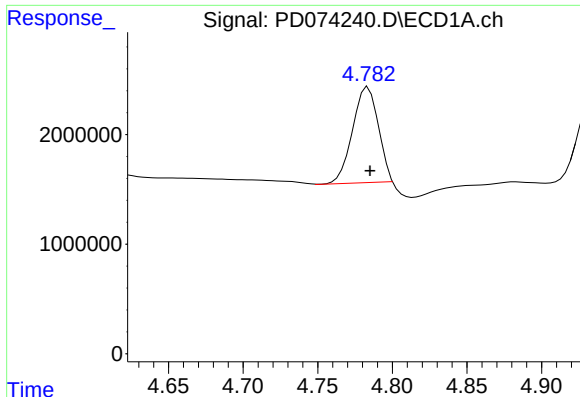
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 4645978
Conc: 3.14 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 2072589
Conc: 2.74 ng/ml



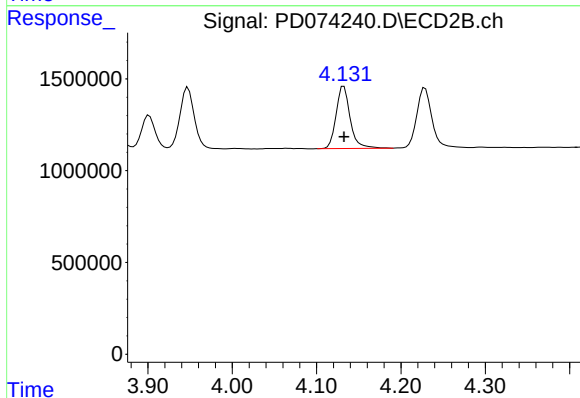
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 10445753
Conc: 3.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

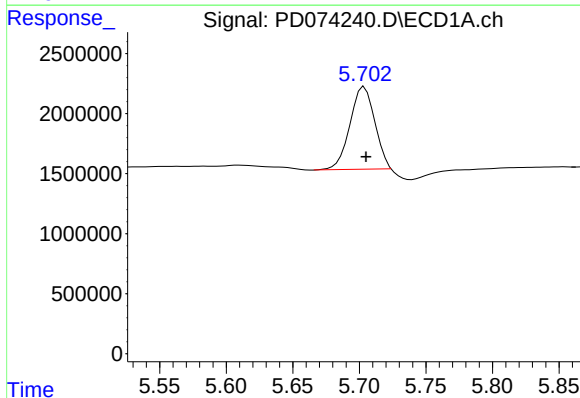
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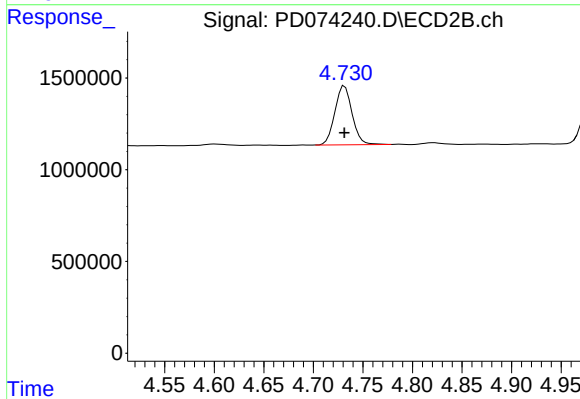
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 3937755
Conc: 2.31 ng/ml



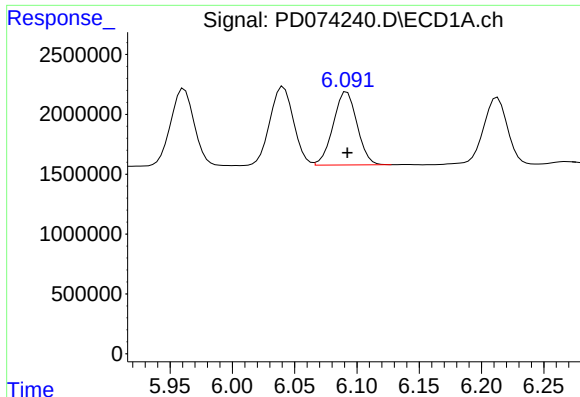
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.003 min
Response: 8894634
Conc: 3.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 3891043
Conc: 2.53 ng/ml



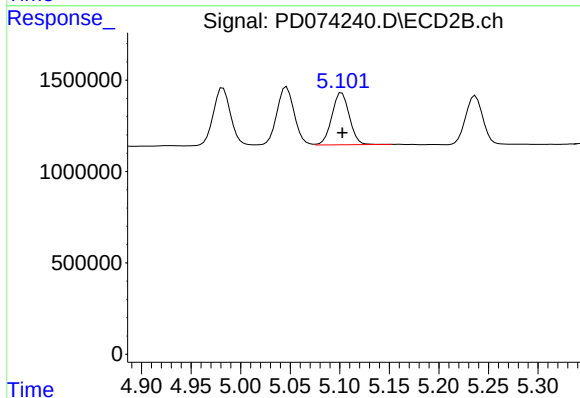
#9 Endosulfan I

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 8171832
Conc: 2.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

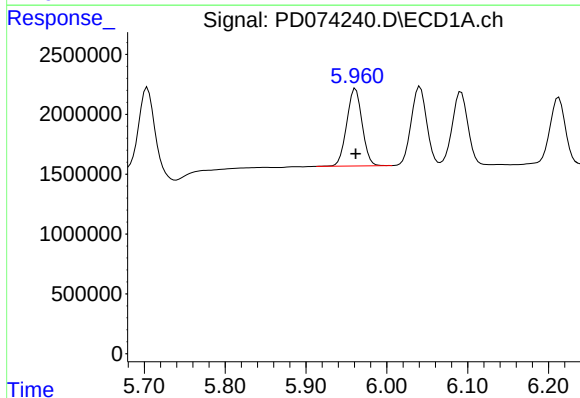
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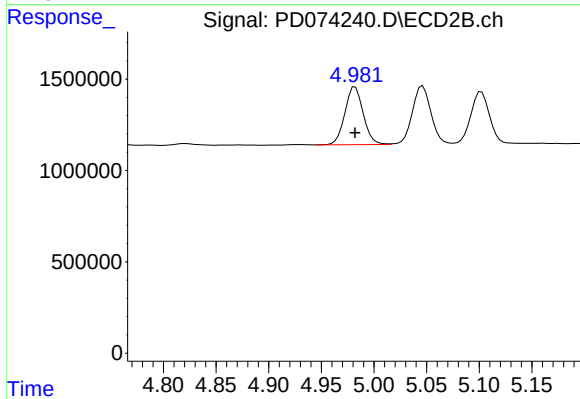
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 3493206
Conc: 2.43 ng/ml



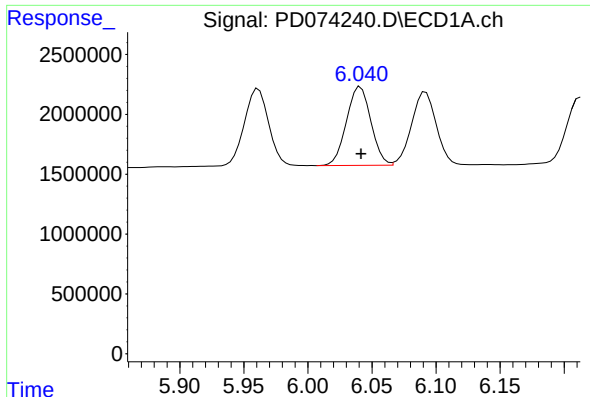
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 8564707
Conc: 2.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 3850103
Conc: 2.48 ng/ml



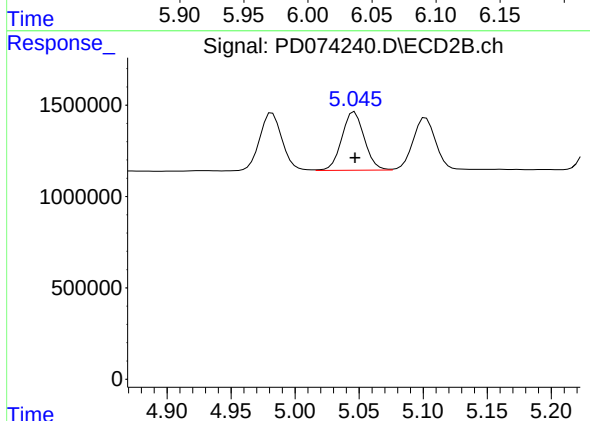
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8743164
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

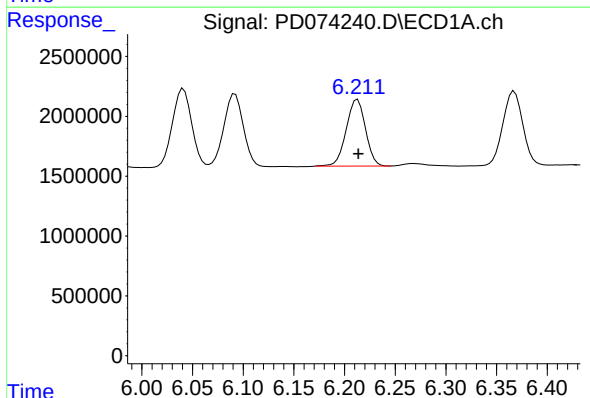
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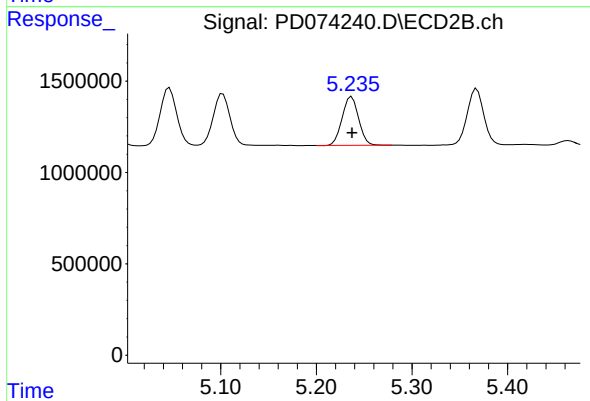
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 3901406
Conc: 2.53 ng/ml



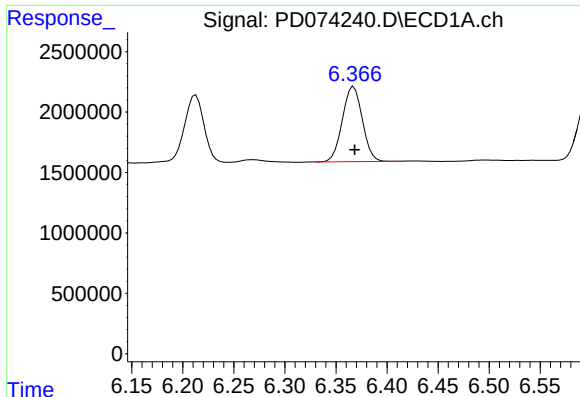
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 7377364
Conc: 2.68 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 3201298
Conc: 2.27 ng/ml



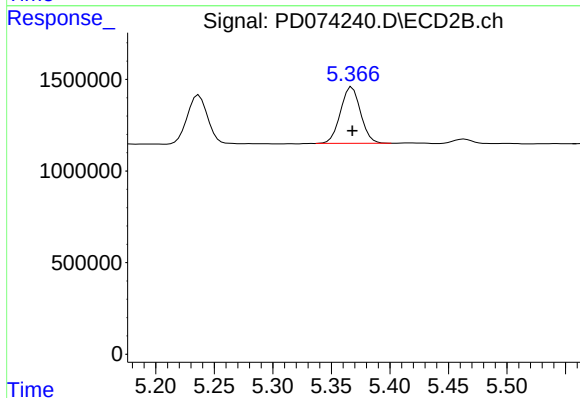
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 8433926
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
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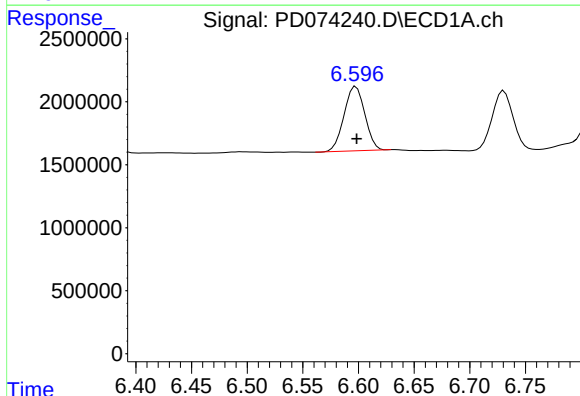
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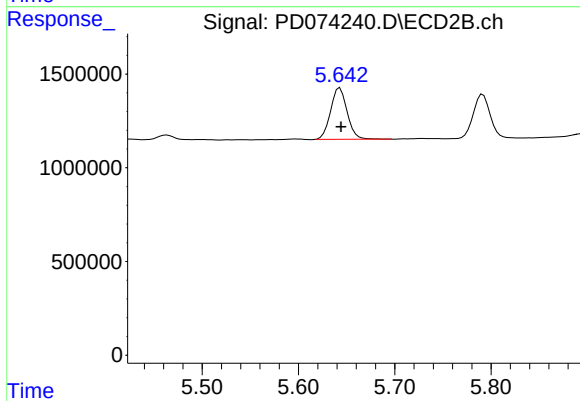
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 3678324
Conc: 2.45 ng/ml



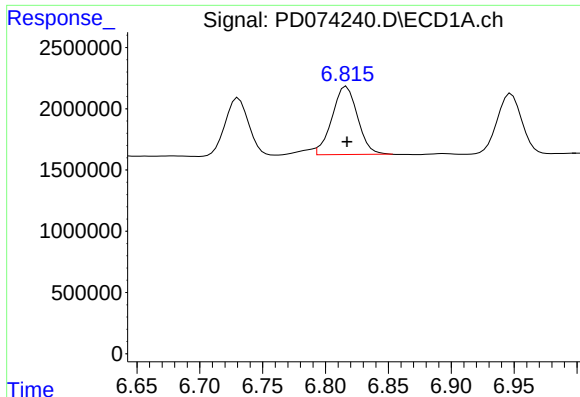
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 6643865
Conc: 2.67 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 3296685
Conc: 2.52 ng/ml



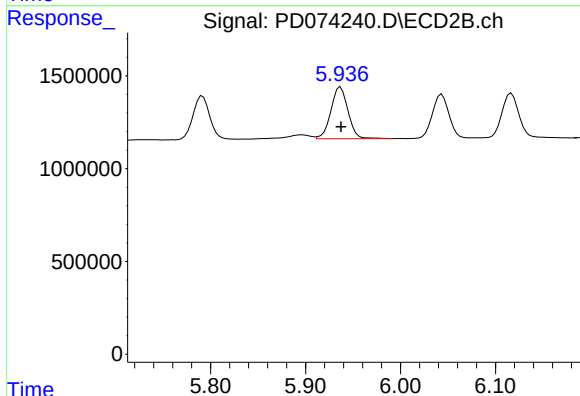
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 7798606
Conc: 3.03 ng/ml

Instrument :
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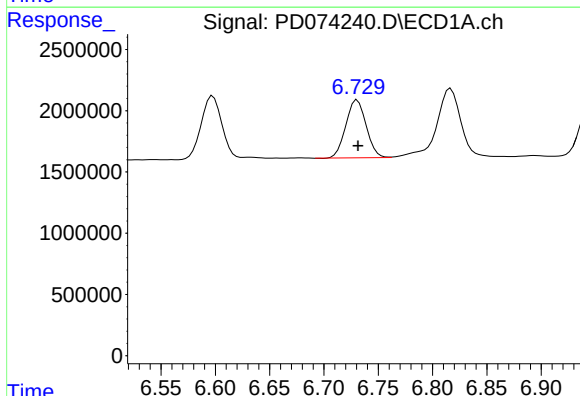
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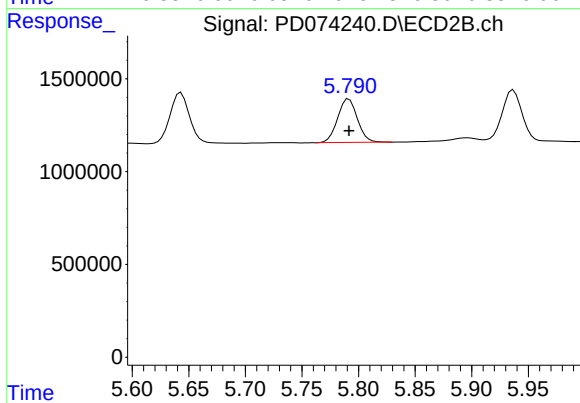
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 3482740
Conc: 2.77 ng/ml



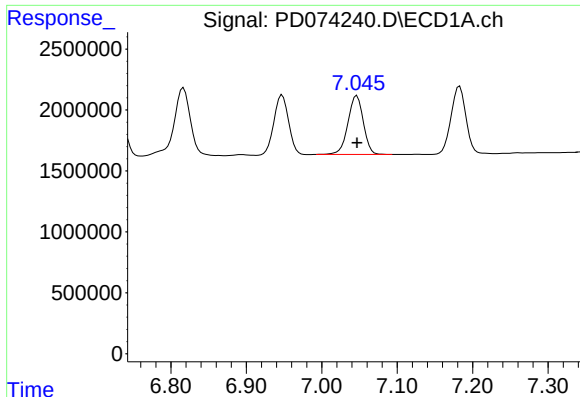
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 6140032
Conc: 2.74 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 2851275
Conc: 2.44 ng/ml



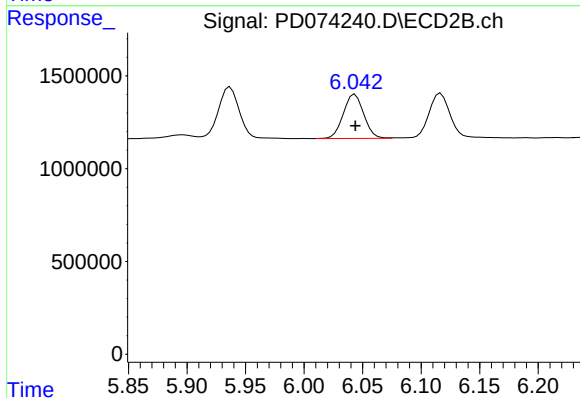
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 6853408
Conc: 2.69 ng/ml

Instrument :
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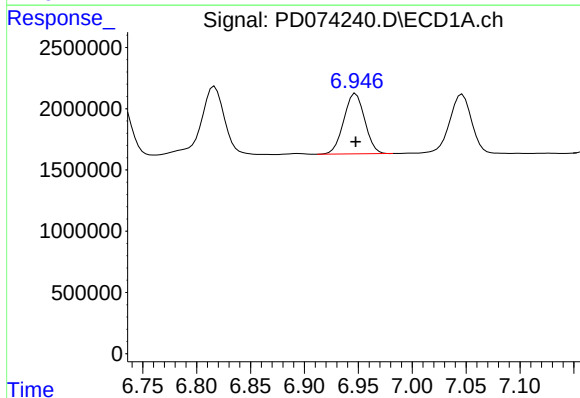
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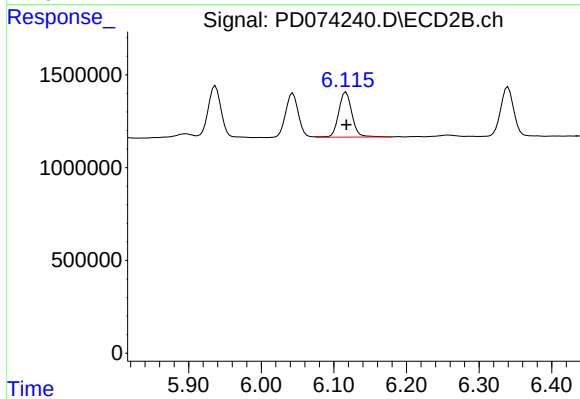
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2894790
Conc: 2.36 ng/ml



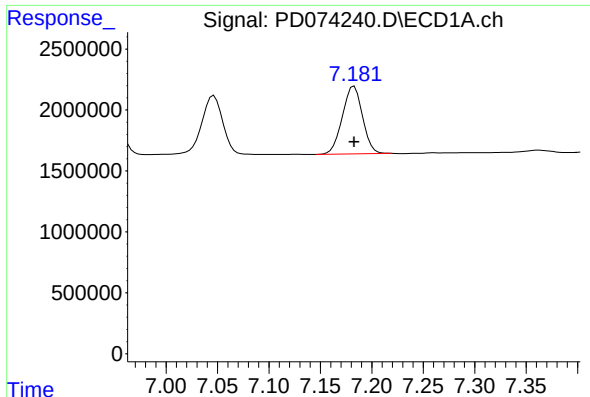
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 6674902
Conc: 3.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 3076314
Conc: 3.03 ng/ml



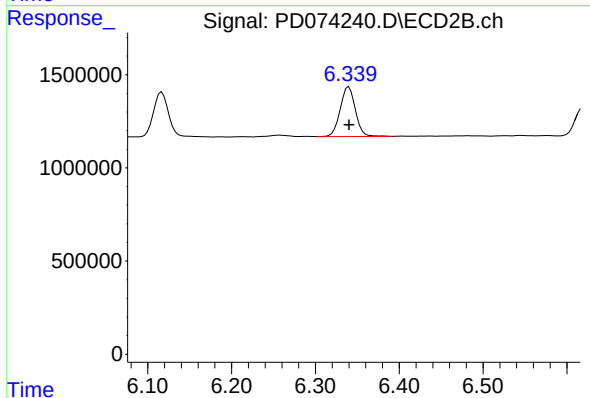
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 7580723
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

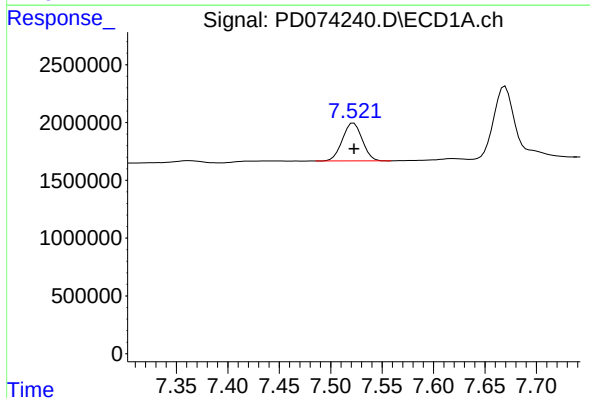
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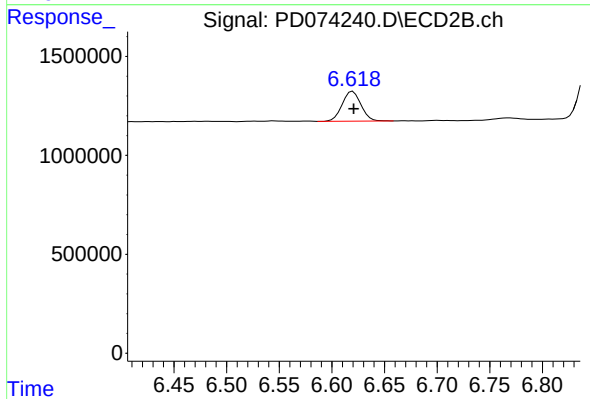
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 3349686
Conc: 2.74 ng/ml



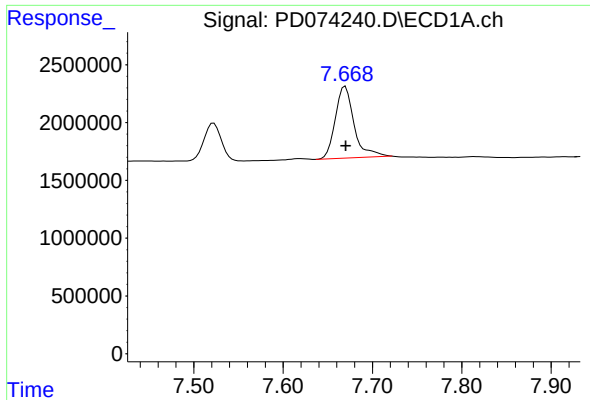
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 4413059
Conc: 3.15 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 1876760
Conc: 2.77 ng/ml



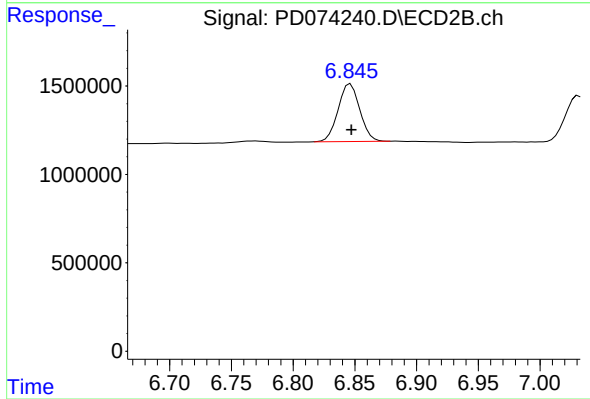
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 9066115
Conc: 3.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

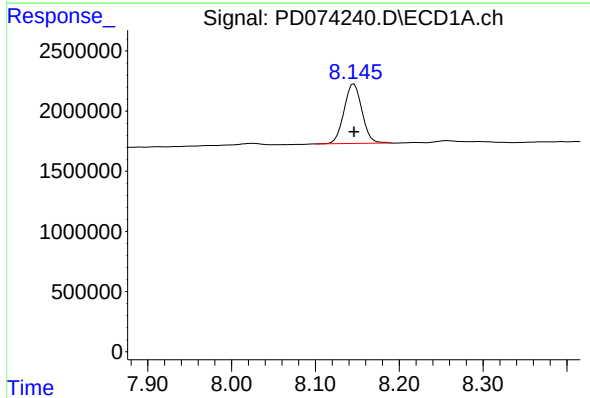
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



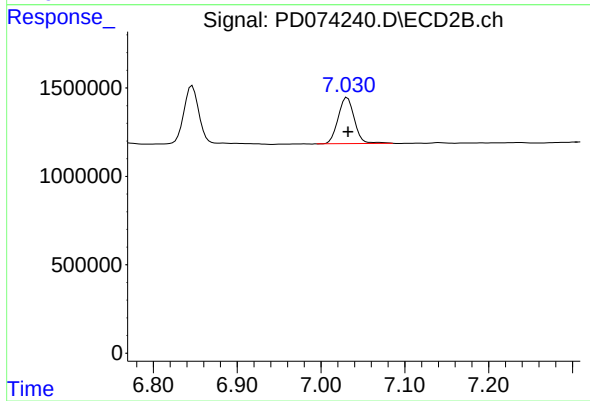
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 3973957
Conc: 2.69 ng/ml



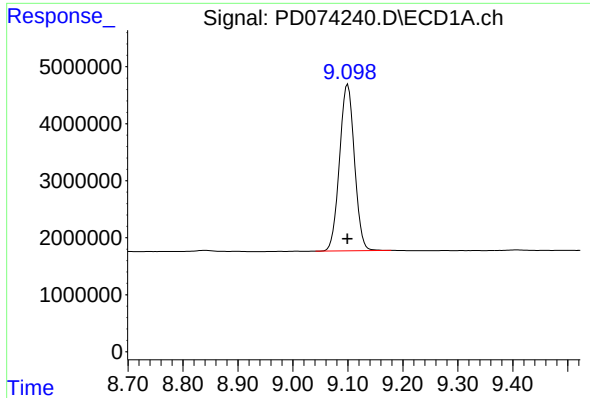
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 7364404
Conc: 3.47 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 3521117
Conc: 3.10 ng/ml



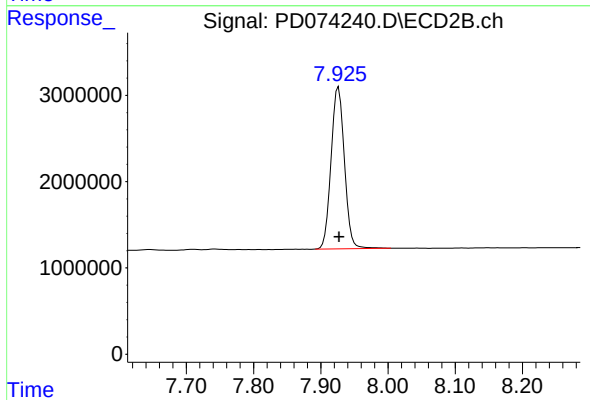
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 55260675
Conc: 20.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 25664927
Conc: 20.92 ng/ml