

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:34
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:00:09 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...	3.550	2.770	46045045	24545818	19.740	20.169
28)	SA Decachlor...	9.093	7.920	57457500	26192151	21.483	21.348
Target Compounds							
2)	A alpha-BHC	4.006	3.273	3496810	1659903	0.901	0.893
3)	MA gamma-BHC...	4.339	3.603	3926967	1753245	1.119	1.023
4)	MA Heptachlor	4.931	3.945	4120799	1747565	1.203	1.024
5)	MB Aldrin	5.275	4.225	4163061	1727797	1.236	1.024
6)	B beta-BHC	4.535	3.899	1984328	935973	1.343	1.240
7)	B delta-BHC	4.780	4.130	5458229	1614478	1.989	0.949 #
8)	B Heptachlo...	5.699	4.728	3321367	1669540	1.181m	1.088
9)	A Endosulfan I	6.088	5.098	3435448	1523385	1.208	1.059
10)	B gamma-Chl...	5.958	4.979	3552636	1738935	1.184	1.120
11)	B alpha-Chl...	6.038	5.043	3702244	1707828	1.228	1.109
12)	B 4,4'-DDE	6.209	5.233	2988084	1380167	1.084	0.978
13)	MA Dieldrin	6.364	5.364	3499790	1578035	1.186	1.049
14)	MA Endrin	6.594	5.639	2835617	1432352	1.141	1.096
15)	B Endosulfa...	6.812	5.932	4517225	1791452	1.754	1.424
16)	A 4,4'-DDD	6.727	5.787	2609816	1207134	1.163	1.034
17)	MA 4,4'-DDT	7.042	6.039	3042327	1107658	1.194	0.902
18)	B Endrin al...	6.943	6.113	2822372	1520786	1.412	1.498
19)	B Endosulfa...	7.178	6.336	3211795	1497362	1.301	1.226
20)	A Methoxychlor	7.518	6.615	1839839	764249	1.315	1.129
21)	B Endrin ke...	7.664	6.842	3471245	1617280	1.247	1.096
22)	Mirex	8.143	7.026	3295810	1381097	1.552	1.216

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:34
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

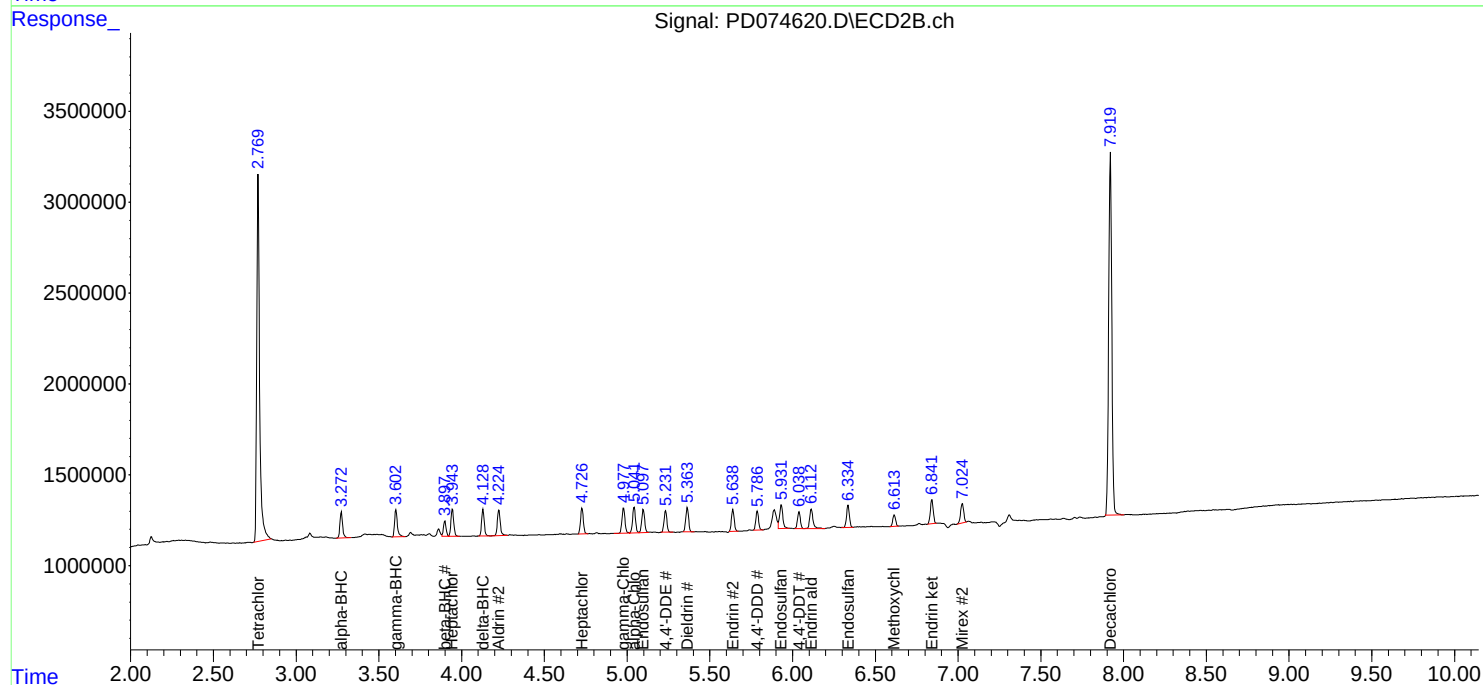
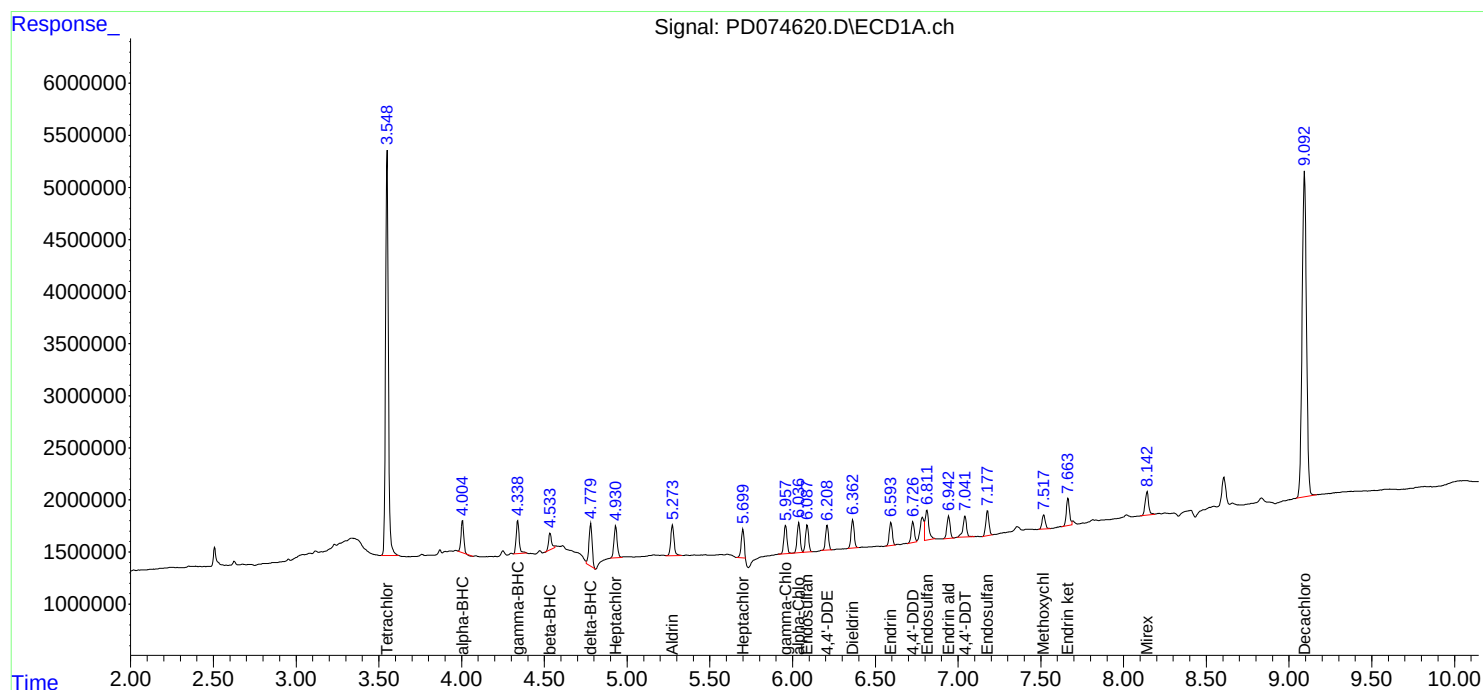
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

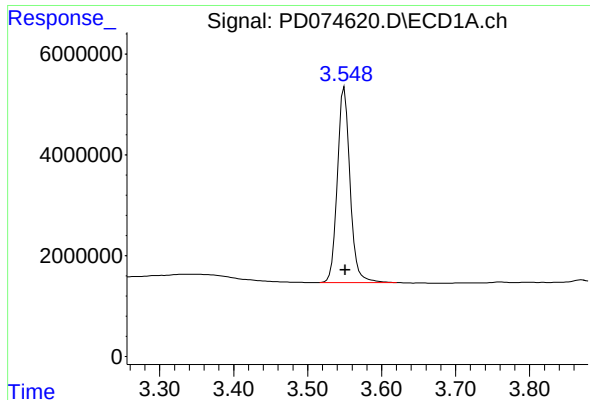
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/10/2023
 Supervised By : Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:00:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
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 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





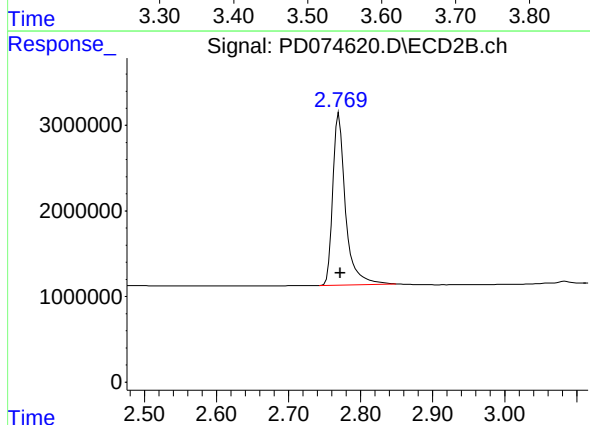
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 46045045
Conc: 19.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

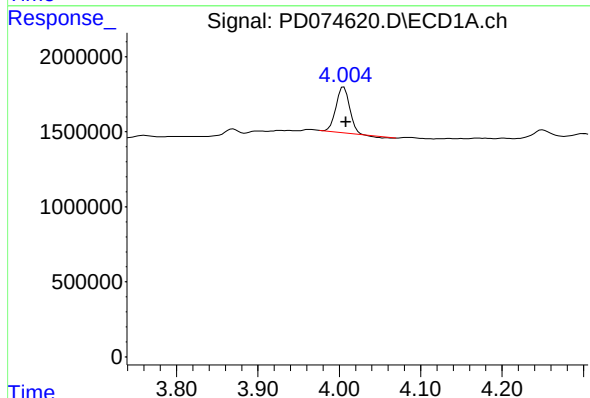
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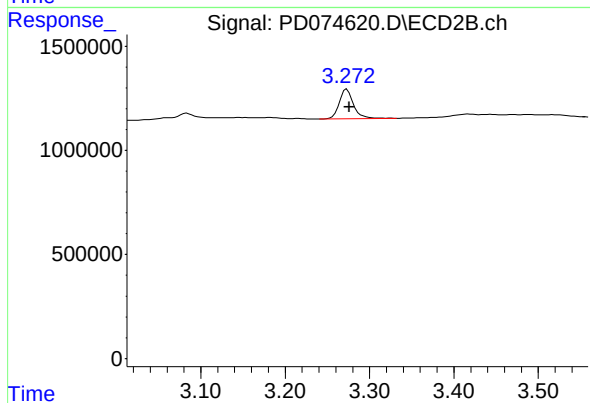
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 24545818
Conc: 20.17 ng/ml



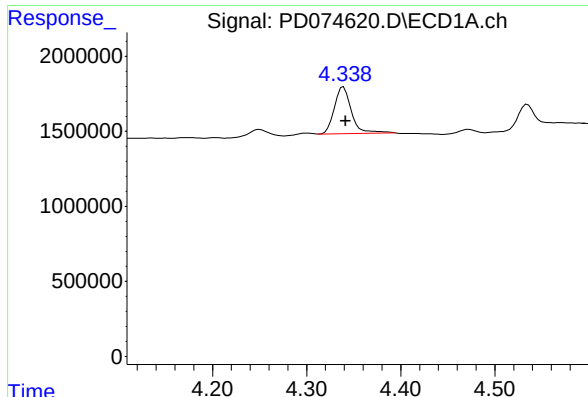
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 3496810
Conc: 0.90 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 1659903
Conc: 0.89 ng/ml



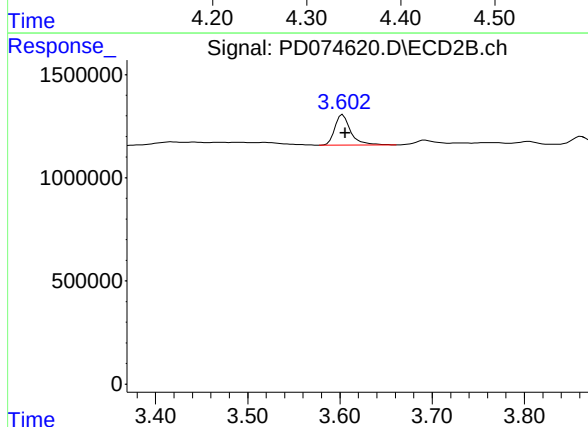
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: -0.002 min
Response: 3926967
Conc: 1.12 ng/ml

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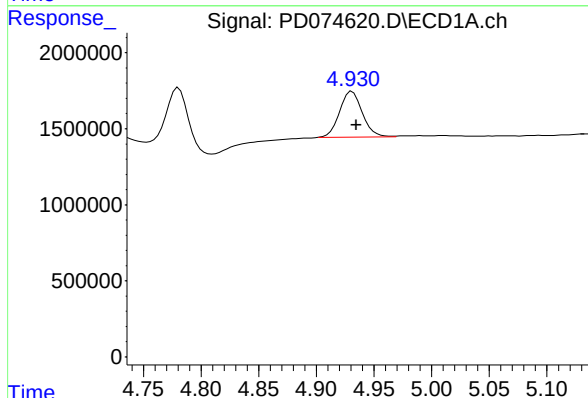
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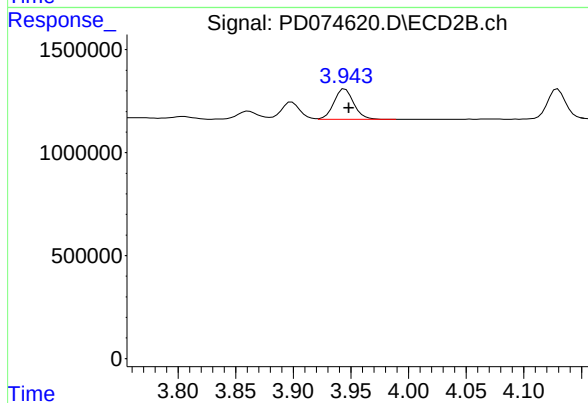
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 1753245
Conc: 1.02 ng/ml



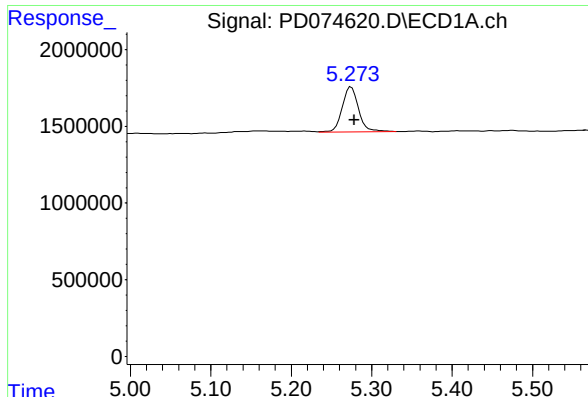
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 4120799
Conc: 1.20 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 1747565
Conc: 1.02 ng/ml



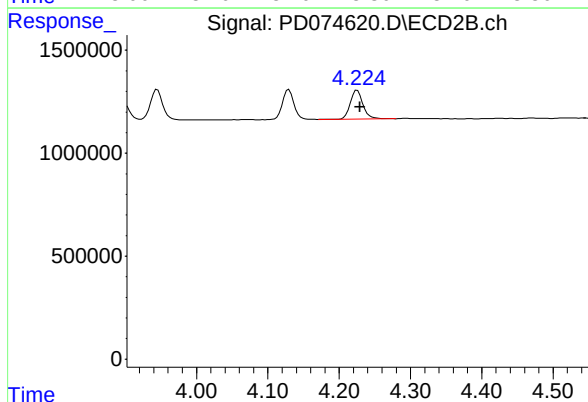
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 4163061
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
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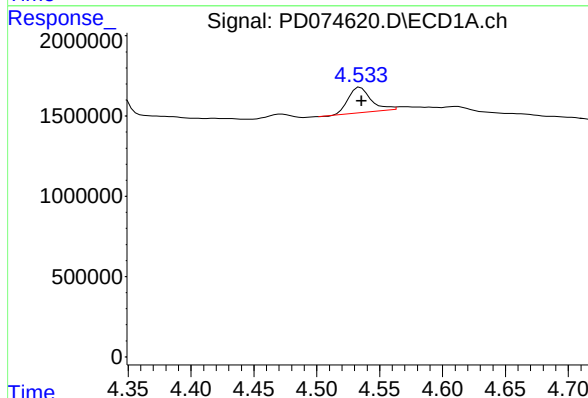
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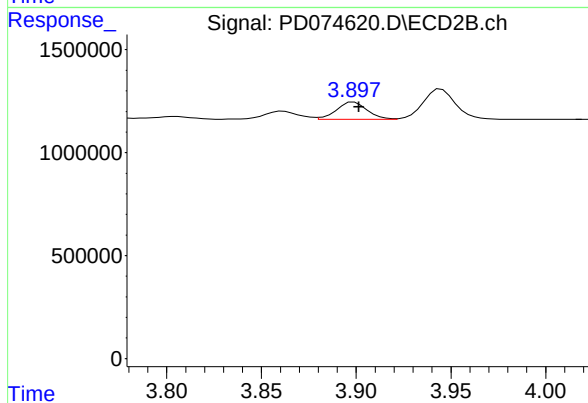
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 1727797
Conc: 1.02 ng/ml



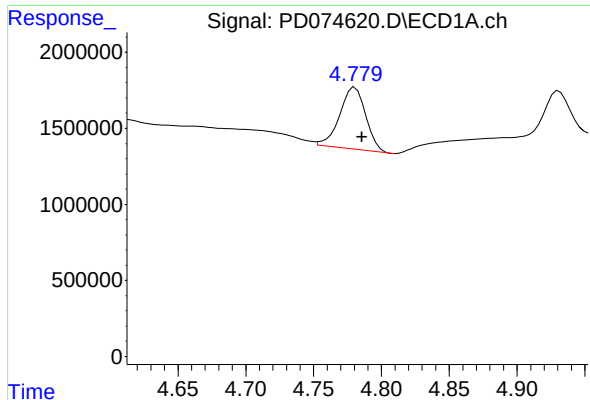
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: -0.001 min
Response: 1984328
Conc: 1.34 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 935973
Conc: 1.24 ng/ml



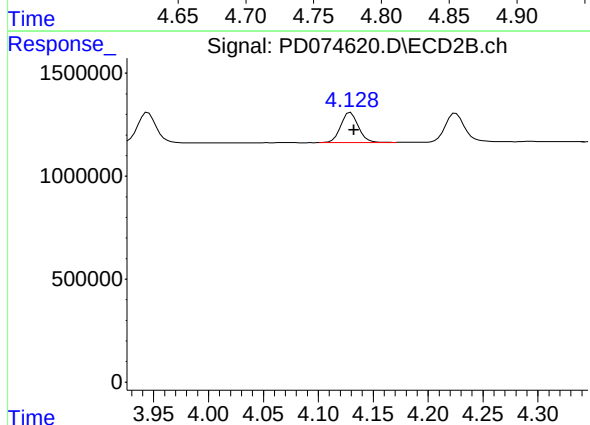
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 5458229
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

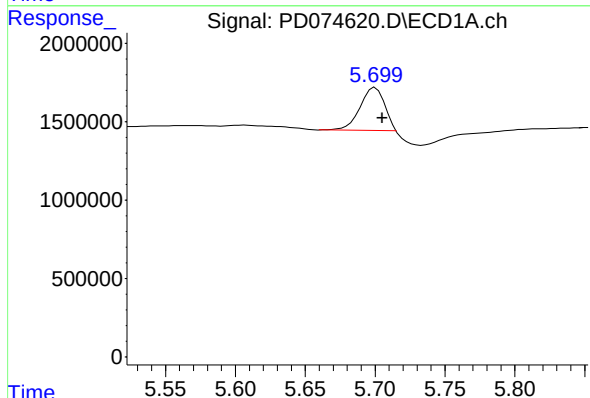
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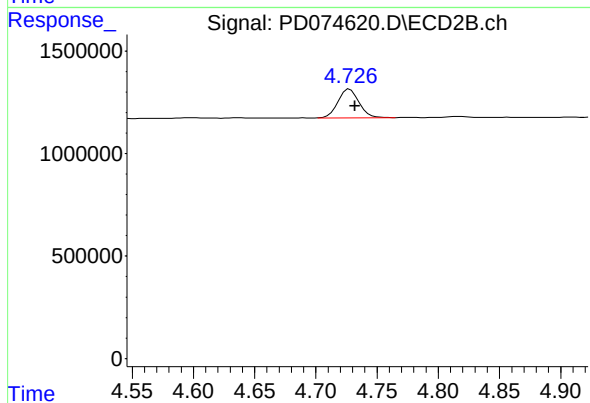
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 1614478
Conc: 0.95 ng/ml



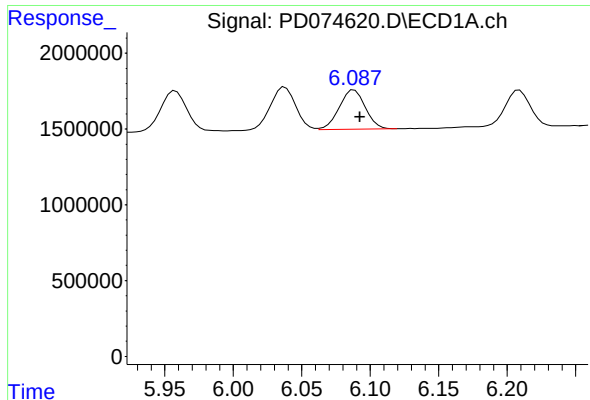
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.006 min
Response: 3321367
Conc: 1.18 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 1669540
Conc: 1.09 ng/ml



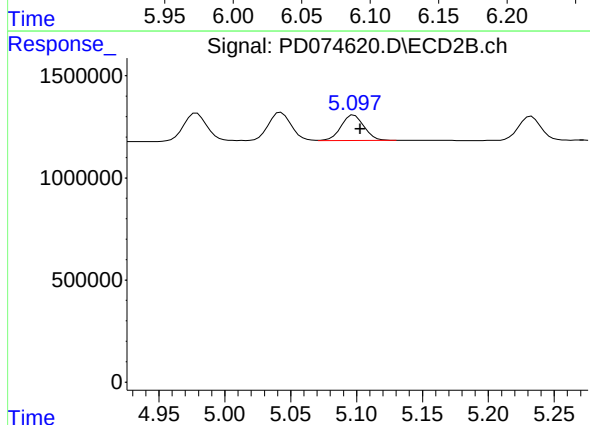
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: -0.004 min
Response: 3435448
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

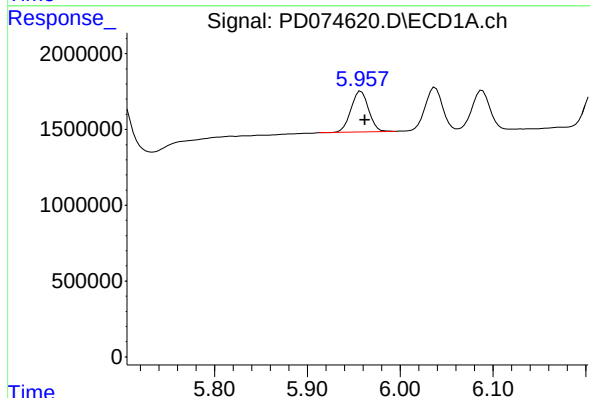
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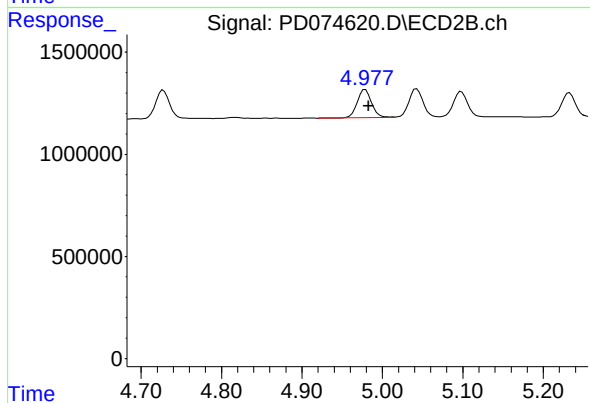
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 1523385
Conc: 1.06 ng/ml



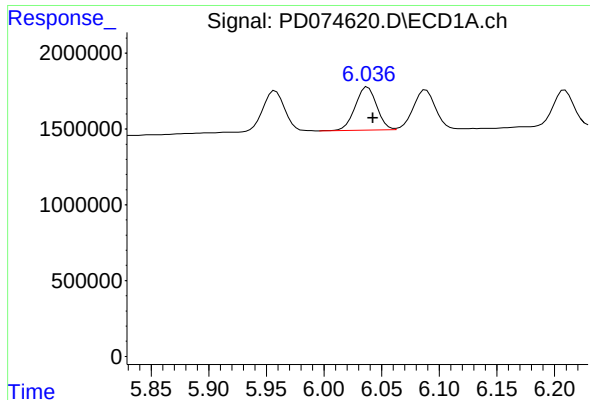
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 3552636
Conc: 1.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 1738935
Conc: 1.12 ng/ml



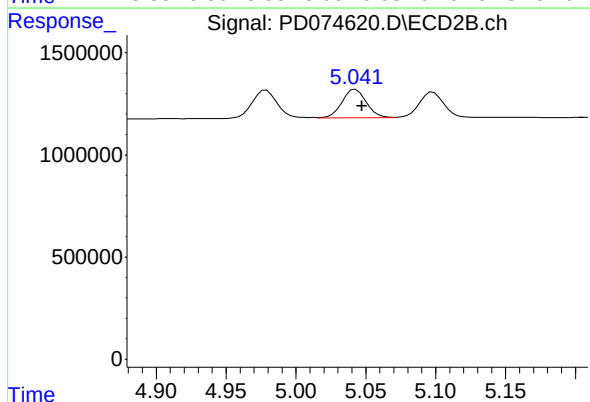
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 3702244
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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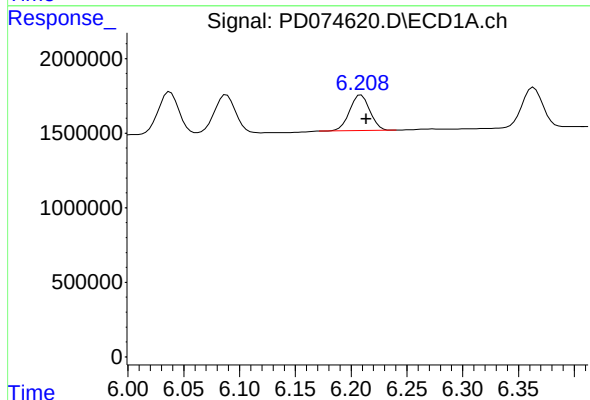
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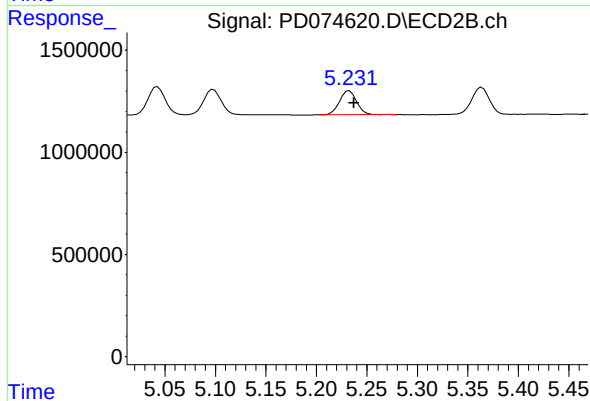
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 1707828
Conc: 1.11 ng/ml



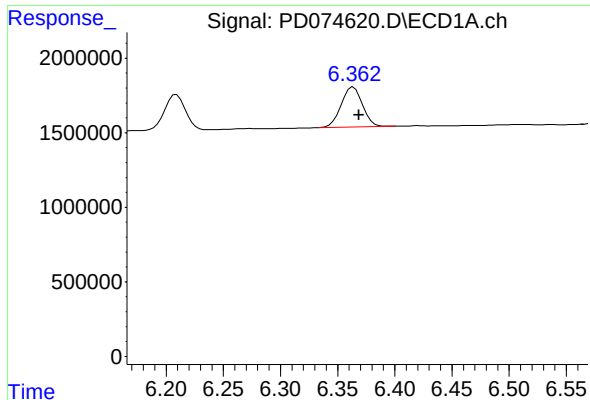
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 2988084
Conc: 1.08 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 1380167
Conc: 0.98 ng/ml



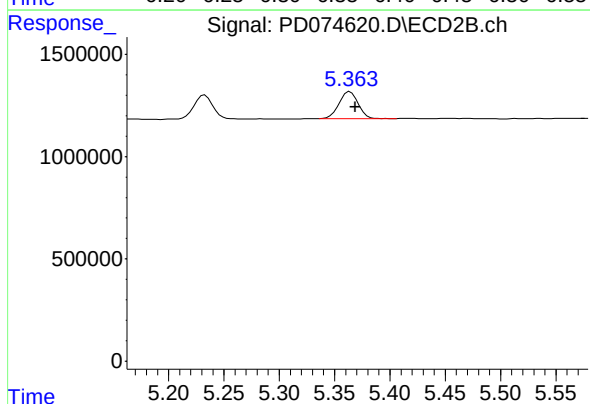
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 3499790
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

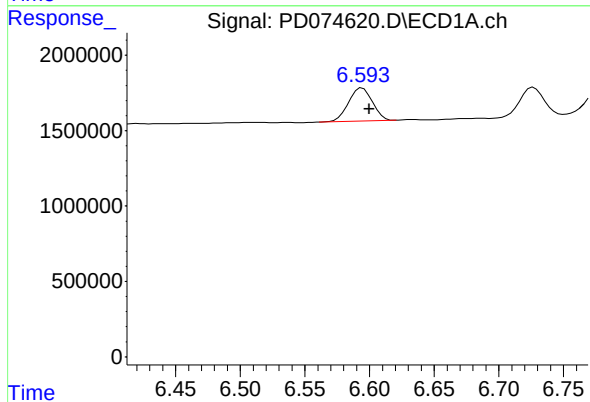
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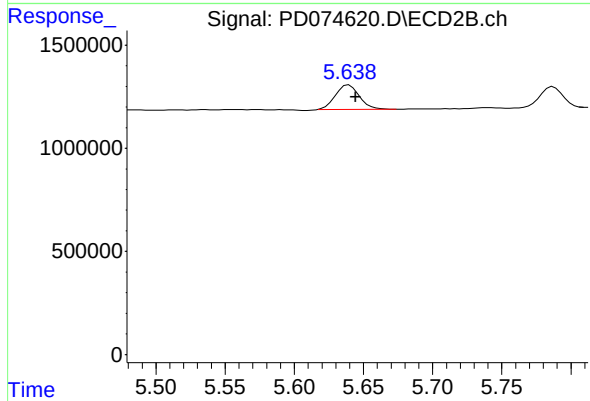
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.005 min
Response: 1578035
Conc: 1.05 ng/ml



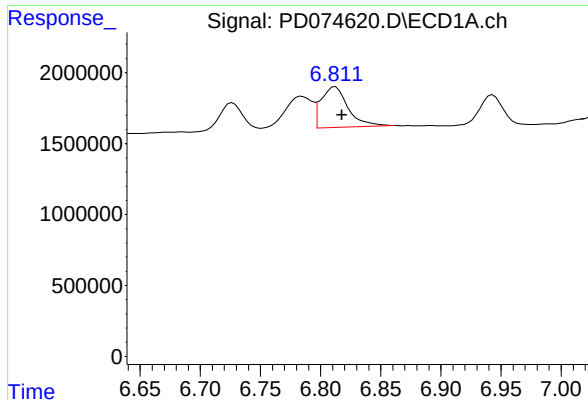
#14 Endrin

R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 2835617
Conc: 1.14 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.005 min
Response: 1432352
Conc: 1.10 ng/ml



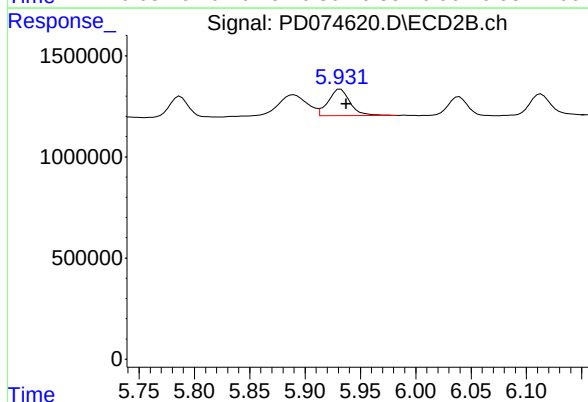
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 4517225
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
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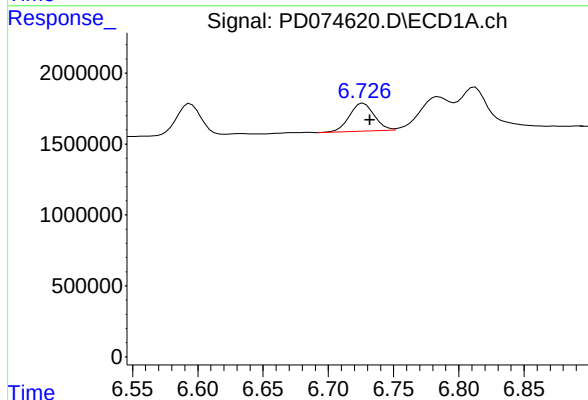
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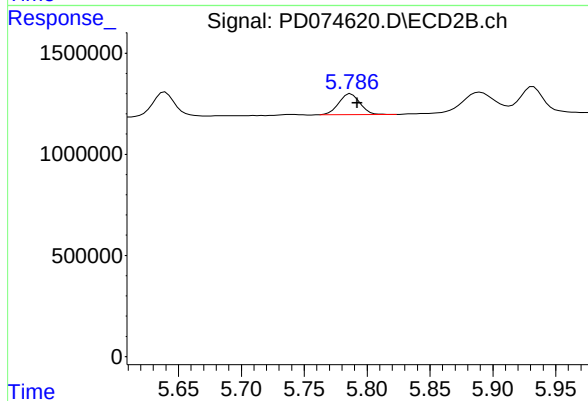
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 1791452
Conc: 1.42 ng/ml



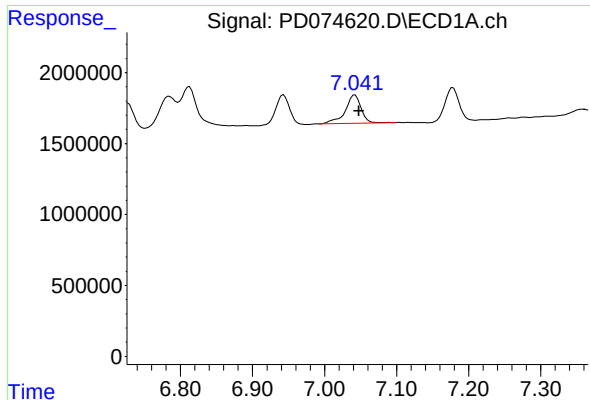
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: -0.005 min
Response: 2609816
Conc: 1.16 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 1207134
Conc: 1.03 ng/ml



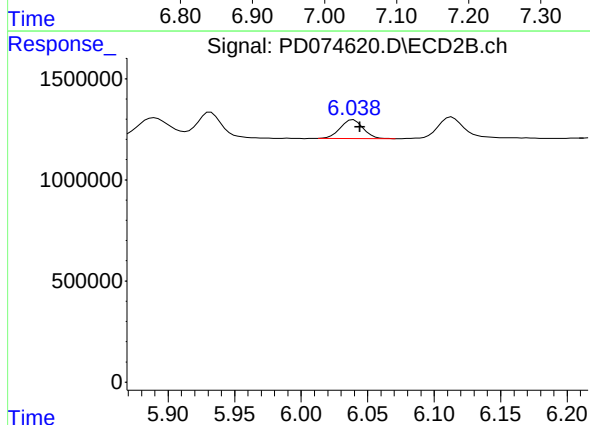
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 3042327
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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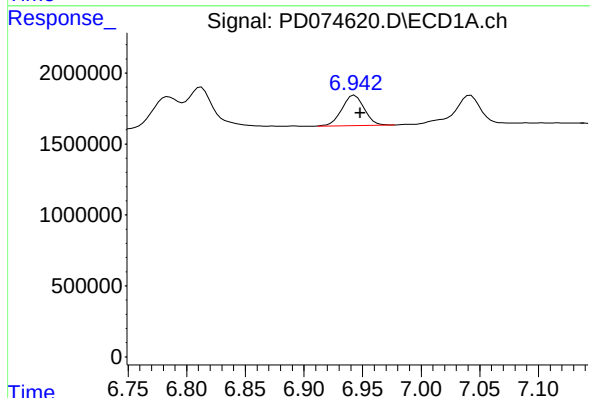
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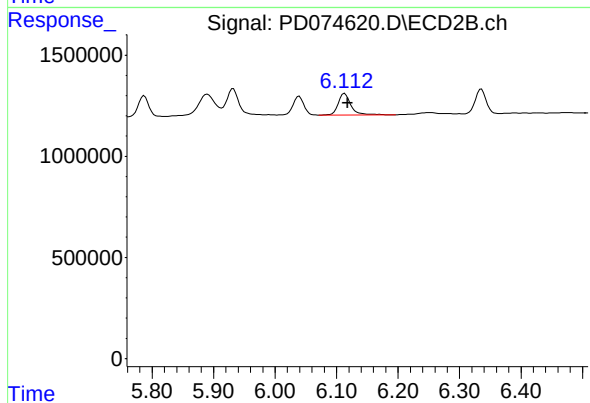
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.005 min
Response: 1107658
Conc: 0.90 ng/ml



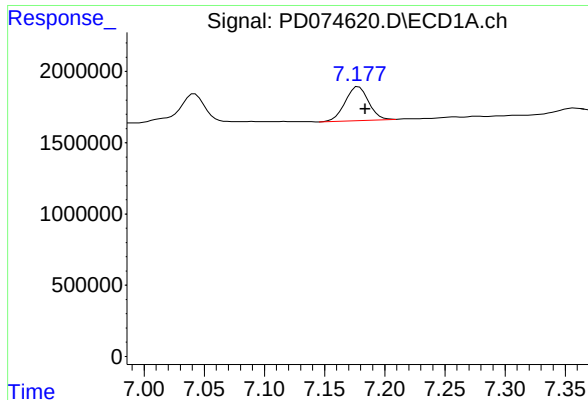
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 2822372
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.005 min
Response: 1520786
Conc: 1.50 ng/ml



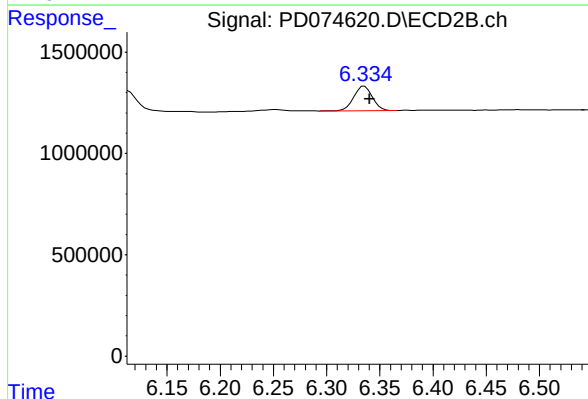
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 3211795
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

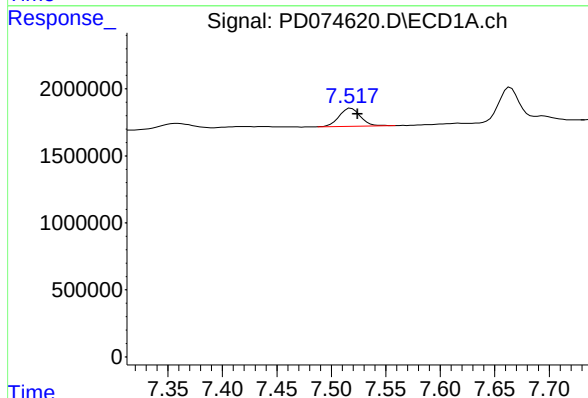
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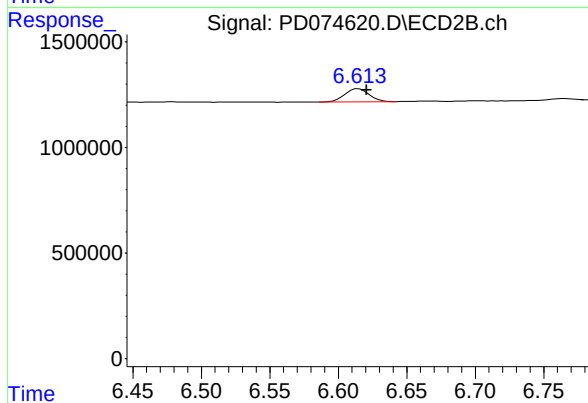
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.005 min
Response: 1497362
Conc: 1.23 ng/ml



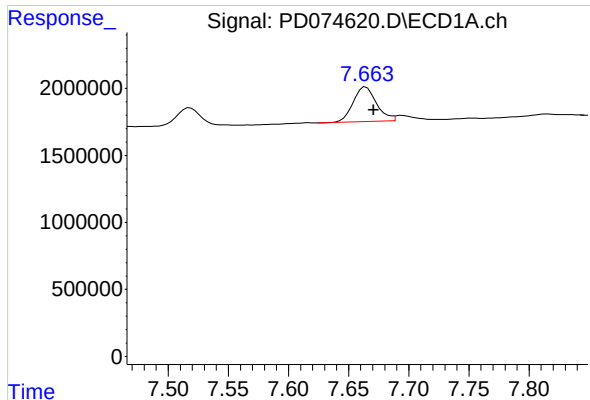
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: -0.006 min
Response: 1839839
Conc: 1.31 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 764249
Conc: 1.13 ng/ml



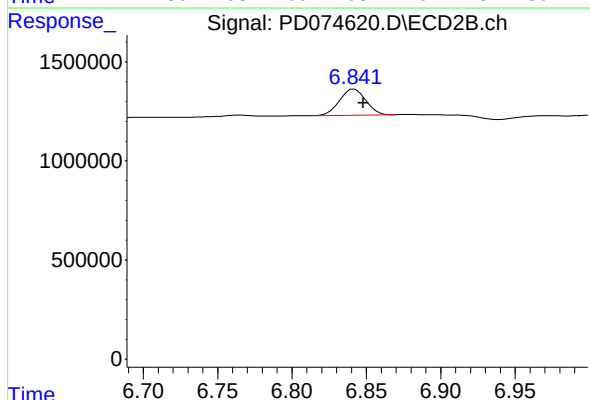
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 3471245
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

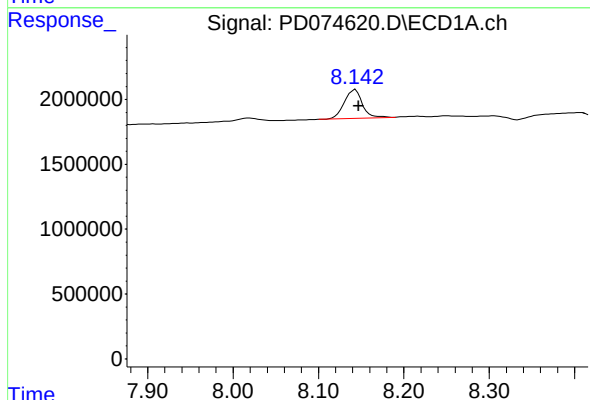
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



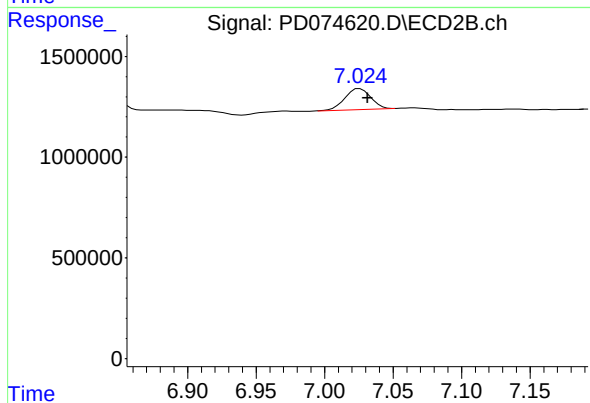
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 1617280
Conc: 1.10 ng/ml



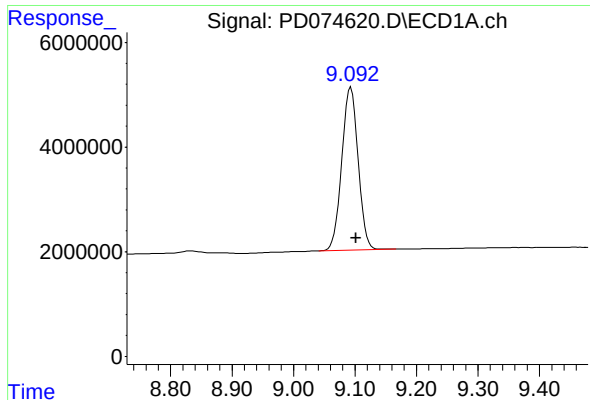
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 3295810
Conc: 1.55 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: -0.006 min
Response: 1381097
Conc: 1.22 ng/ml



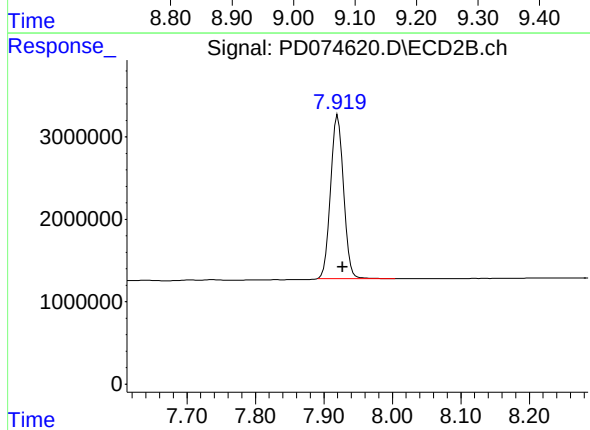
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: -0.008 min
Response: 57457500
Conc: 21.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.007 min
Response: 26192151
Conc: 21.35 ng/ml