

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
 Data File : PD074217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 22:46
 Operator : AR\AJ
 Sample : 01627-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 33 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:09:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 05:04:28 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	45875597	22965919	19.667	18.871
28)	SA Decachlor...	9.099	7.927	56432528	26384543	21.100	21.505
Target Compounds							
2)	A alpha-BHC	4.007	3.276	8867719	3940942	2.285	2.121
3)	MA gamma-BHC...	4.340	3.606	8785447	4024878	2.504	2.349
4)	MA Heptachlor	4.934	3.948	9429312	4129368	2.752	2.421
5)	MB Aldrin	5.277	4.227	9431436	4128412	2.801	2.447m
6)	B beta-BHC	4.535	3.902	4372162	2195165	2.958	2.907
7)	B delta-BHC	4.782	4.131	10089791	4004398	3.677m	2.353m#
8)	B Heptachlo...	5.700	4.732	20938404	3985271	7.444m	2.596 #
9)	A Endosulfan I	6.092	5.102	8098584	3165614	2.848	2.200
10)	B gamma-Chl...	5.961	4.982	8353883	4322304	2.783	2.784
11)	B alpha-Chl...	6.041	5.047	8607568	4503642	2.854	2.924
12)	B 4,4'-DDE	6.212	5.237	7415515	3344903	2.690	2.370
13)	MA Dieldrin	6.368	5.368	8269663	3885456	2.803	2.584
14)	MA Endrin	6.598	5.644	6610513	3940356	2.660	3.015
15)	B Endosulfa...	6.815	5.937	8231611	3708897	3.196m	2.948
16)	A 4,4'-DDD	6.731	5.792	5973477	2829935	2.663	2.424
17)	MA 4,4'-DDT	7.045	6.044	6938024	2981007	2.722m	2.427
18)	B Endrin al...	6.947	6.117	6380132	3220913	3.192	3.172
19)	B Endosulfa...	7.182	6.340	7420608	3603338	3.006	2.952
20)	A Methoxychlor	7.520	6.620	3904209	1865267	2.790m	2.757
21)	B Endrin ke...	7.669	6.845	8825983	4015572	3.171	2.722m
22)	Mirex	8.146	7.031	7766245	3414027	3.657	3.006

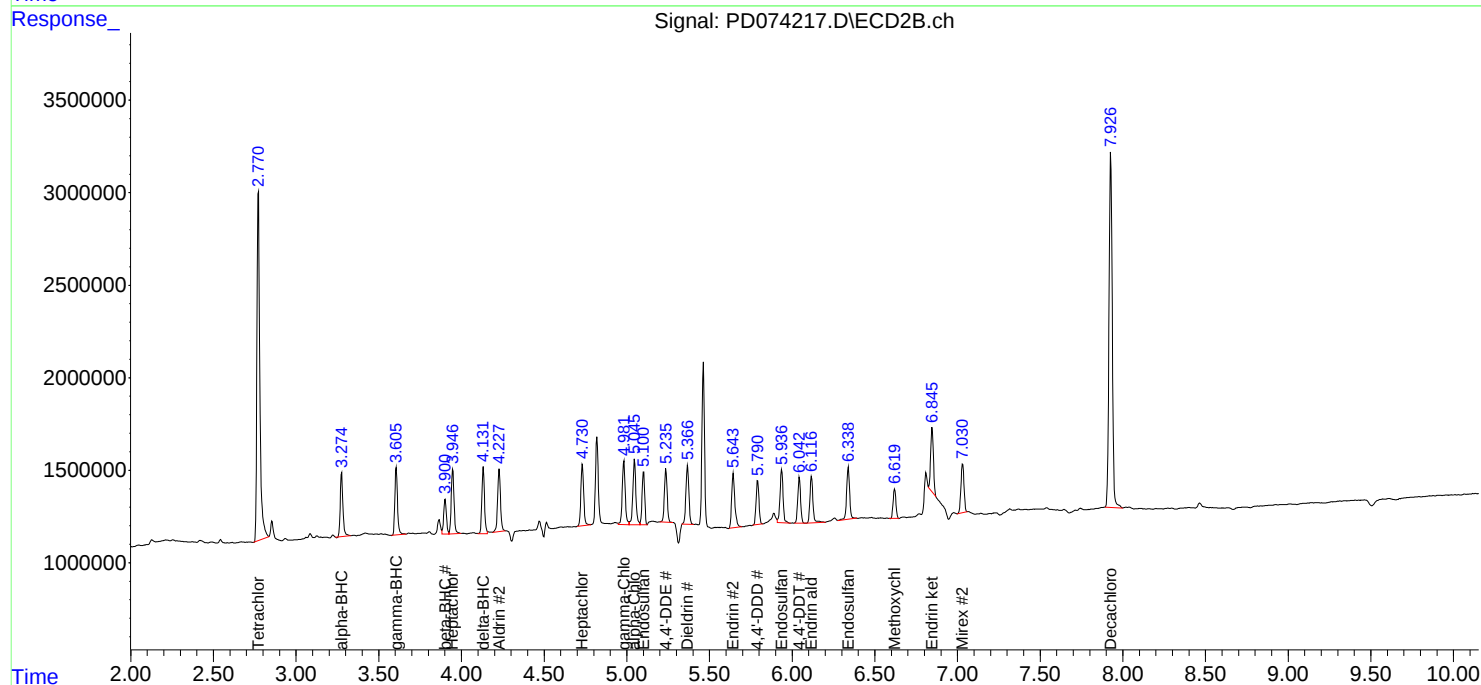
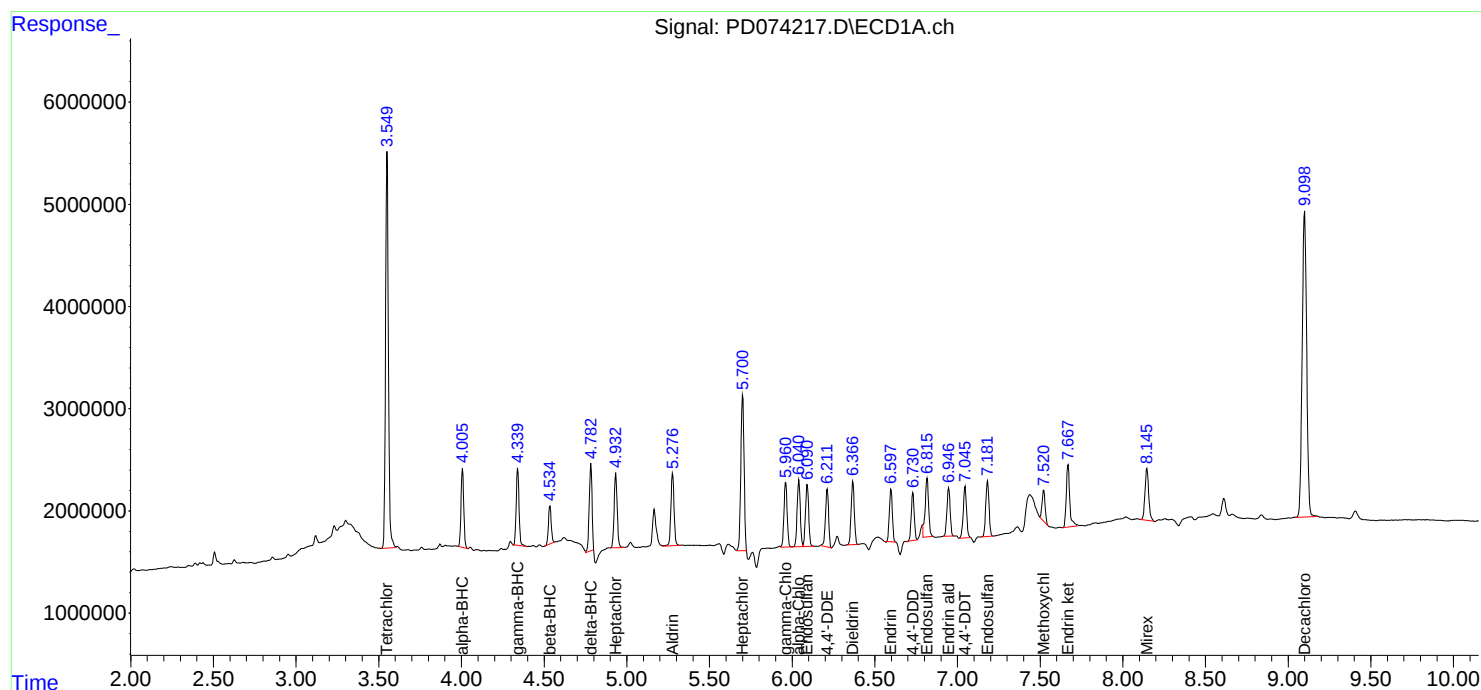
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

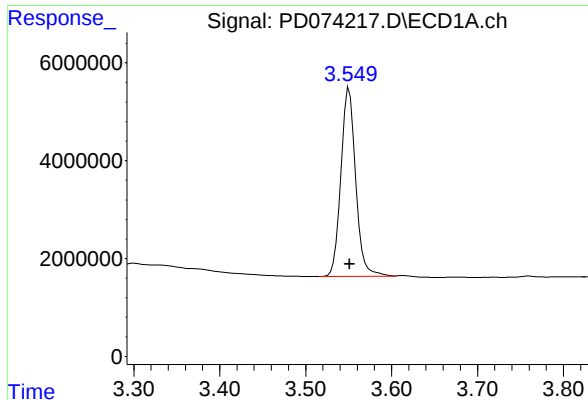
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
Data File : PD074217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 22:46
Operator : AR\AJ
Sample : 01627-01
Misc : PEST LOD 2.5PPB SOIL
ALS Vial : 33 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 05:09:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 05:04:28 2023
Response via : Initial Calibration
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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

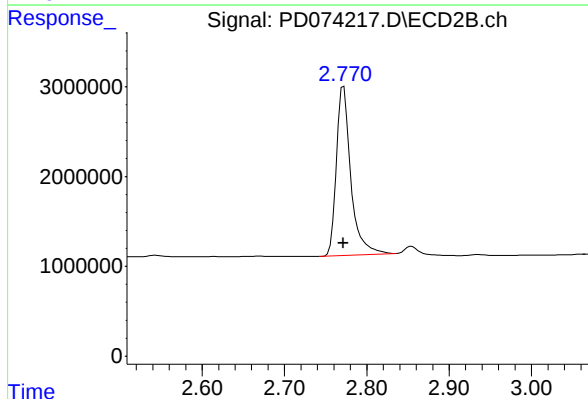




#1 Tetrachloro-m-xylene

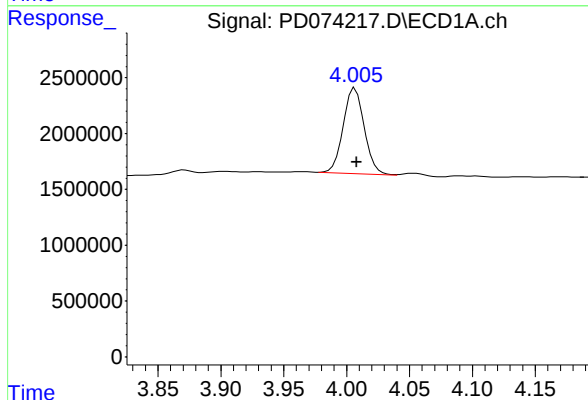
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45875597
Conc: 19.67 ng/ml

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



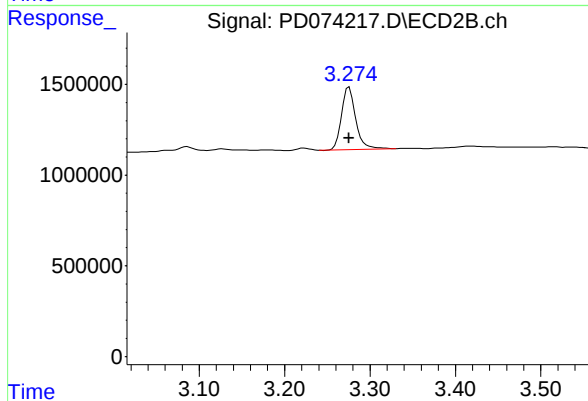
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 22965919
Conc: 18.87 ng/ml



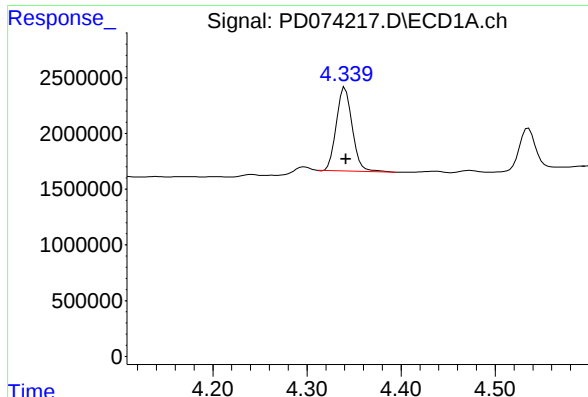
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 8867719
Conc: 2.29 ng/ml



#2 alpha-BHC

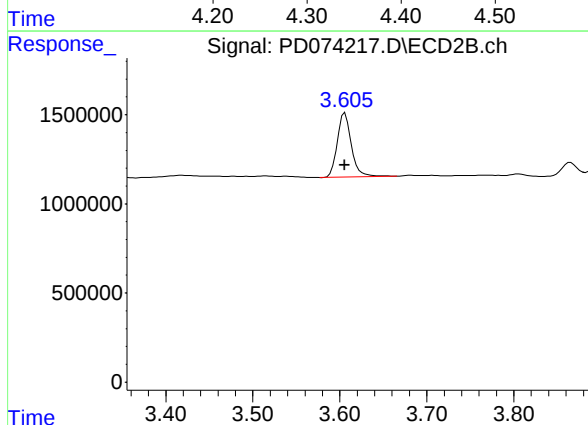
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 3940942
Conc: 2.12 ng/ml



#3 gamma-BHC (Lindane)

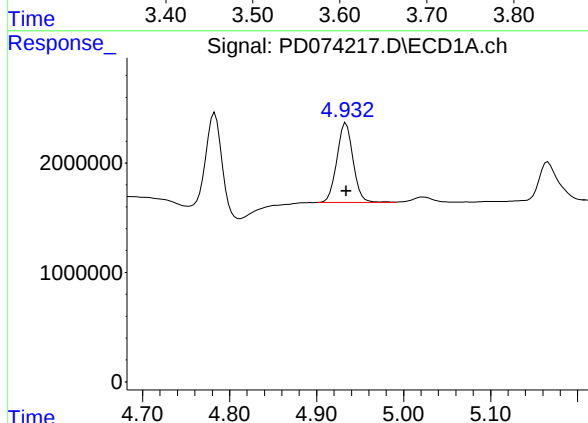
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 8785447
Conc: 2.50 ng/ml

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



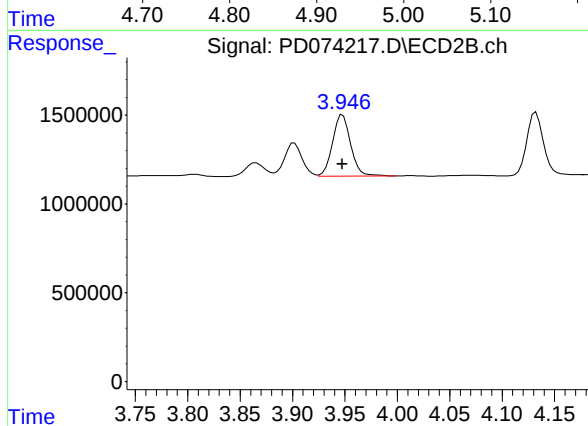
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 4024878
Conc: 2.35 ng/ml



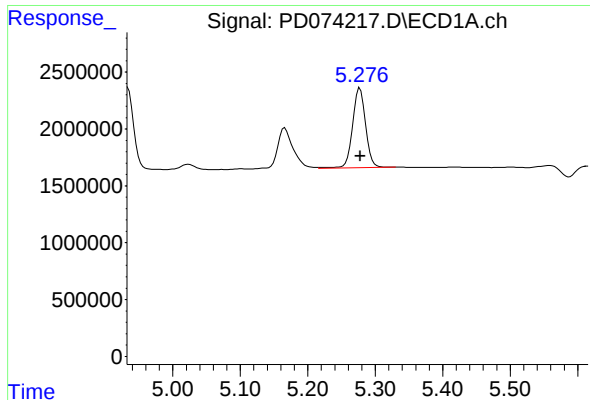
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 9429312
Conc: 2.75 ng/ml



#4 Heptachlor

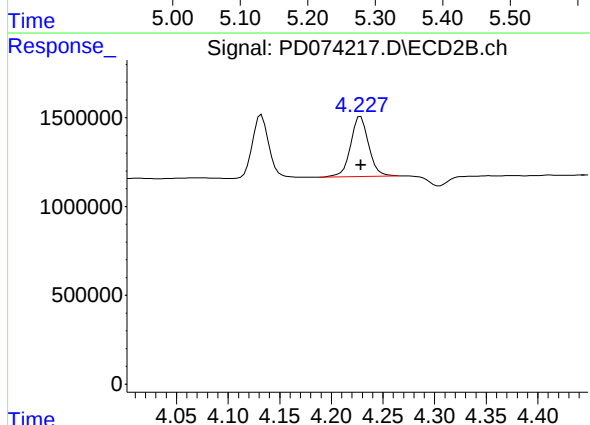
R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 4129368
Conc: 2.42 ng/ml



#5 Aldrin

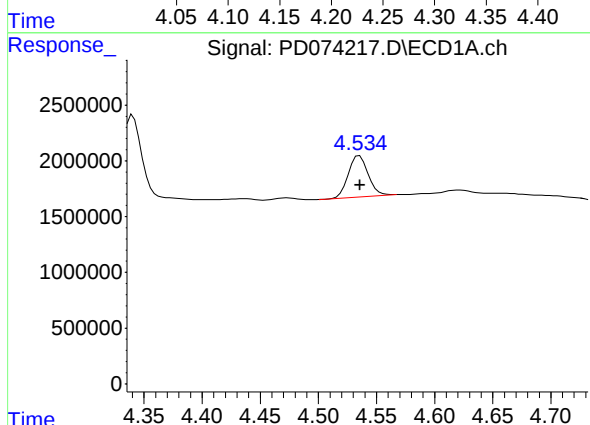
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 9431436
Conc: 2.80 ng/ml

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



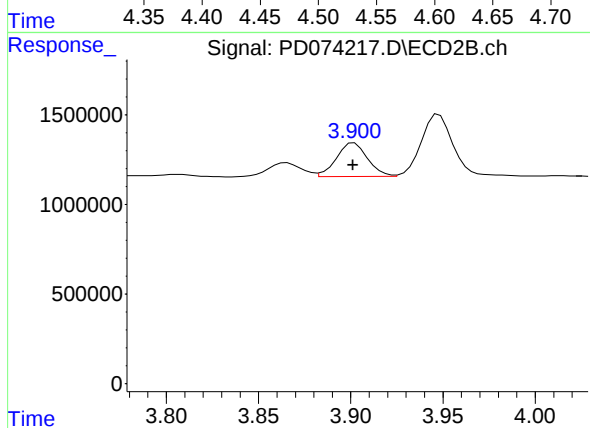
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 4128412
Conc: 2.45 ng/ml m



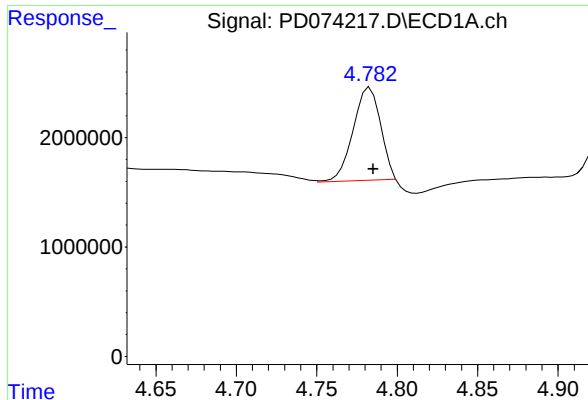
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 4372162
Conc: 2.96 ng/ml



#6 beta-BHC

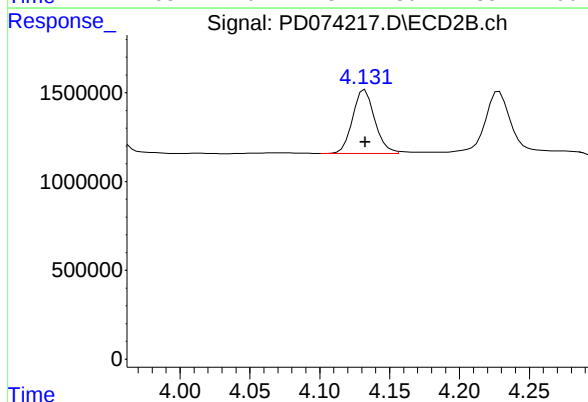
R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 2195165
Conc: 2.91 ng/ml



#7 delta-BHC

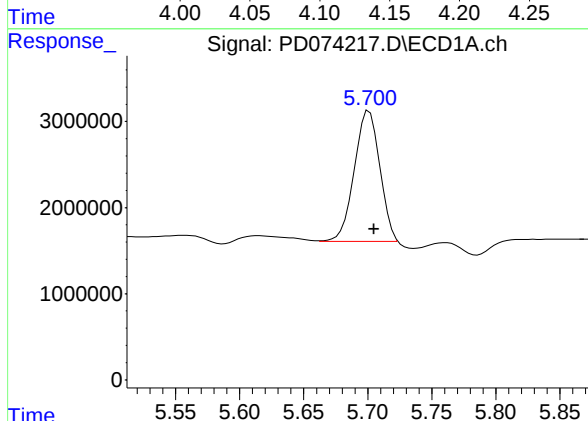
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 10089791
Conc: 3.68 ng/ml

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



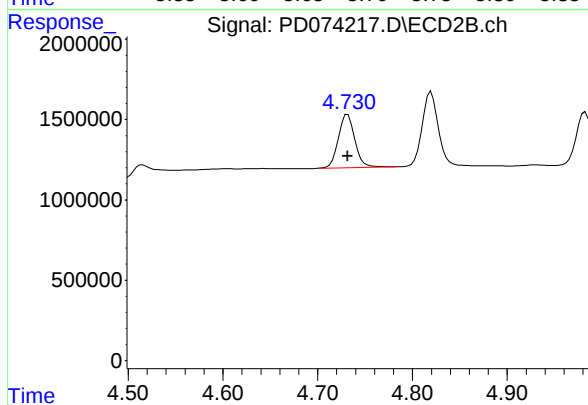
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 4004398
Conc: 2.35 ng/ml m



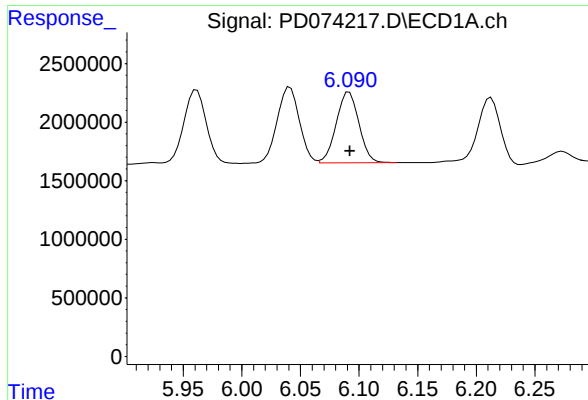
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: -0.005 min
Response: 20938404
Conc: 7.44 ng/ml m



#8 Heptachlor epoxide

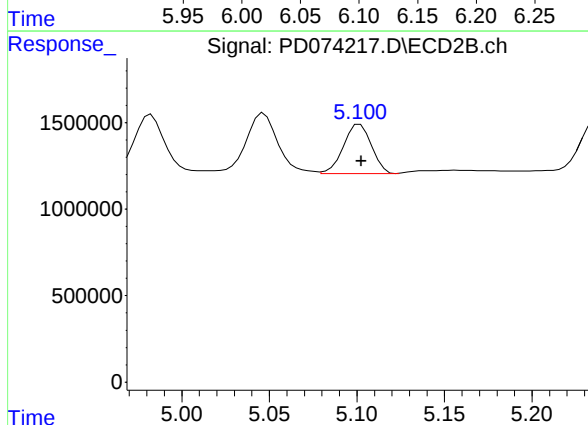
R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 3985271
Conc: 2.60 ng/ml



#9 Endosulfan I

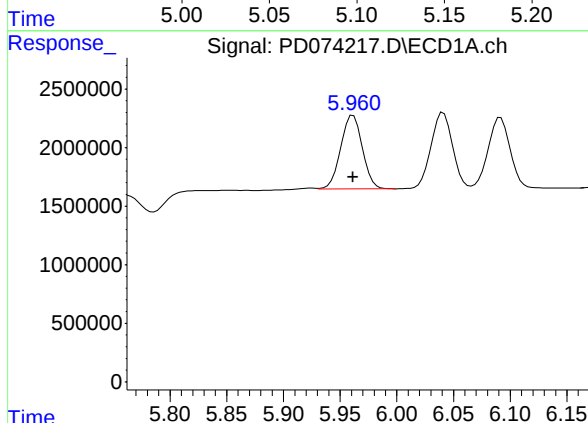
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 8098584
Conc: 2.85 ng/ml

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



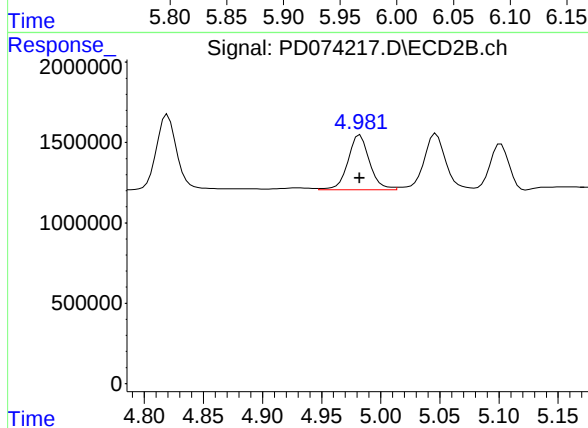
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 3165614
Conc: 2.20 ng/ml



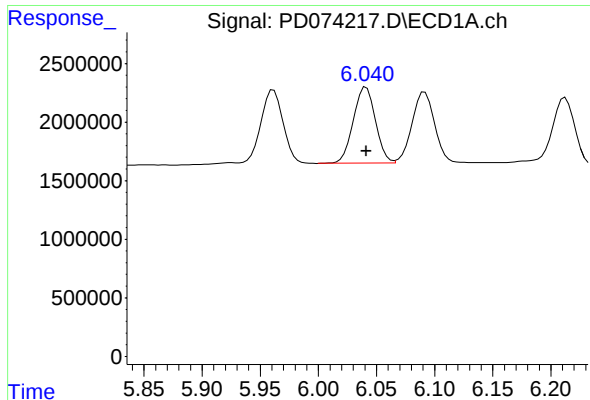
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 8353883
Conc: 2.78 ng/ml



#10 gamma-Chlordane

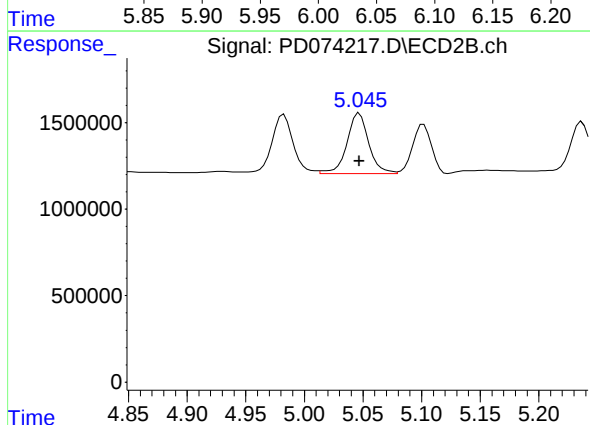
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 4322304
Conc: 2.78 ng/ml



#11 alpha-Chlordane

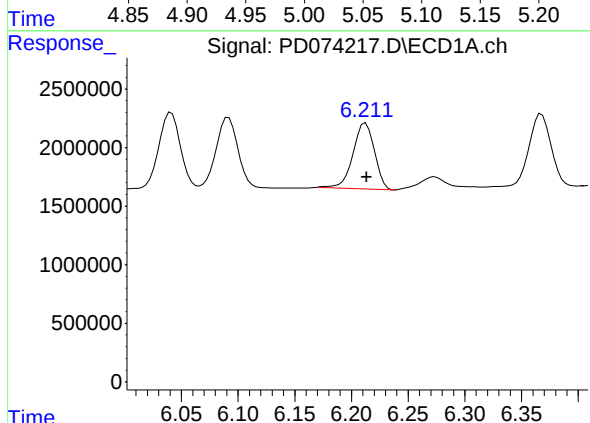
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 8607568
Conc: 2.85 ng/ml

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



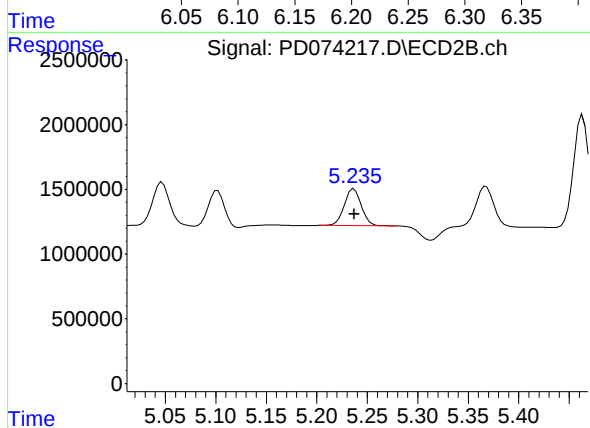
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 4503642
Conc: 2.92 ng/ml



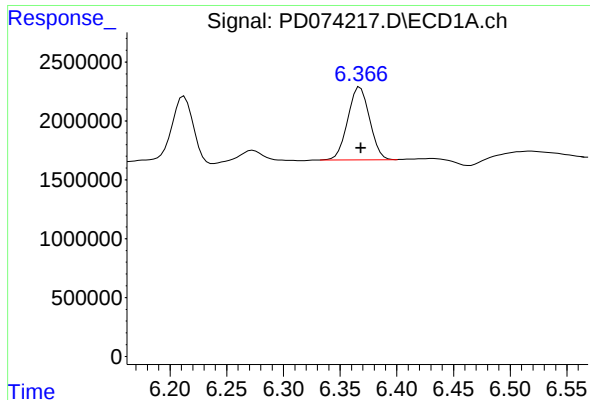
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 7415515
Conc: 2.69 ng/ml



#12 4,4'-DDE

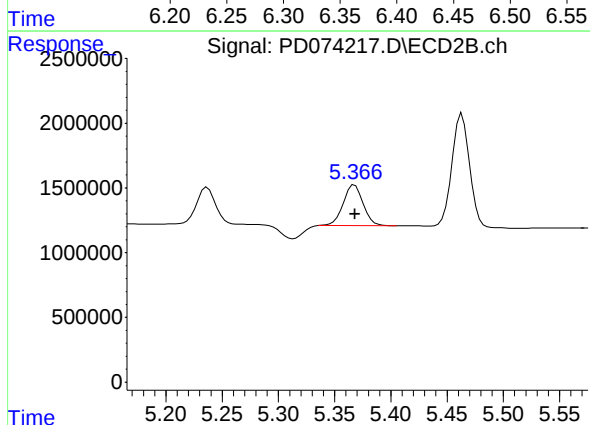
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 3344903
Conc: 2.37 ng/ml



#13 Dieldrin

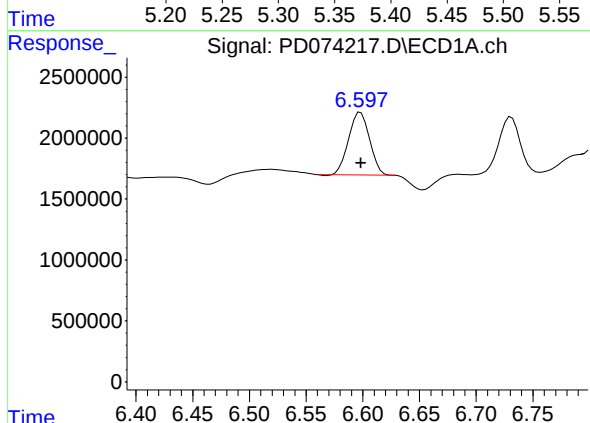
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 8269663
Conc: 2.80 ng/ml

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



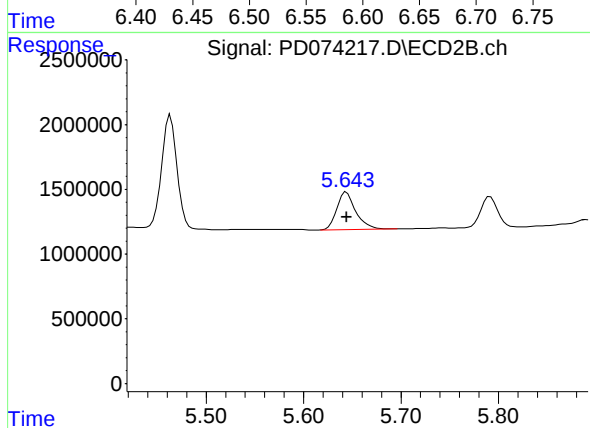
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 3885456
Conc: 2.58 ng/ml



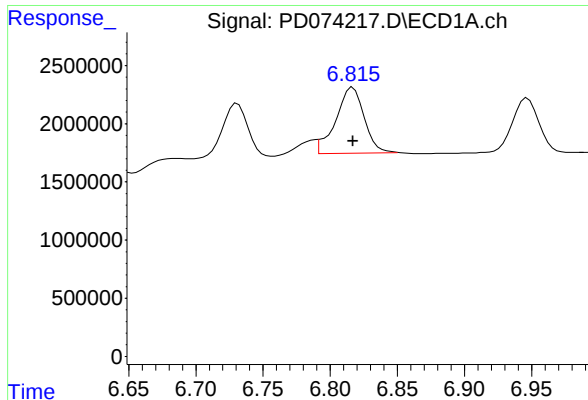
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 6610513
Conc: 2.66 ng/ml



#14 Endrin

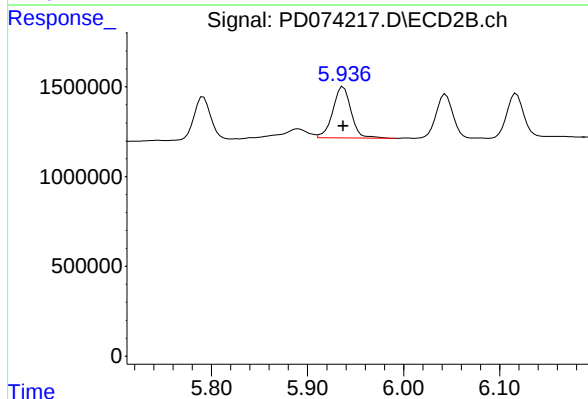
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 3940356
Conc: 3.01 ng/ml



#15 Endosulfan II

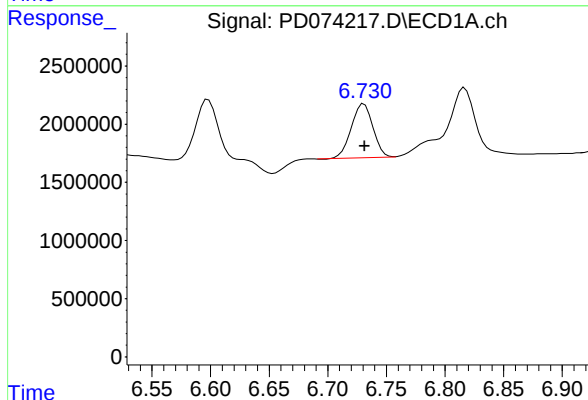
R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 8231611
Conc: 3.20 ng/ml

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



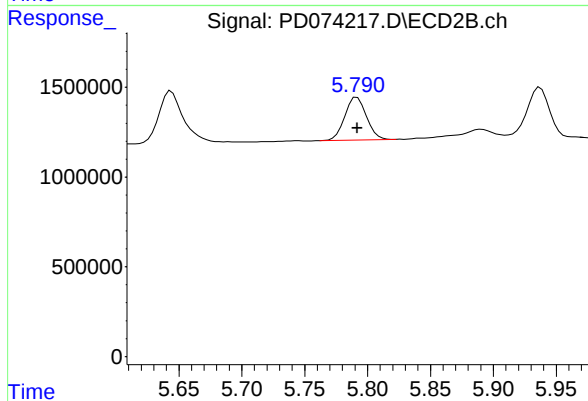
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 3708897
Conc: 2.95 ng/ml



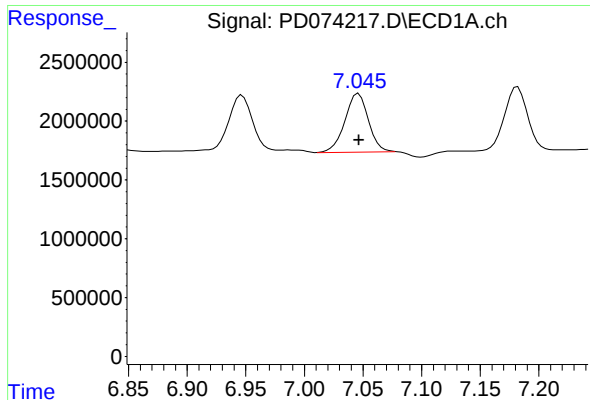
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 5973477
Conc: 2.66 ng/ml



#16 4,4'-DDD

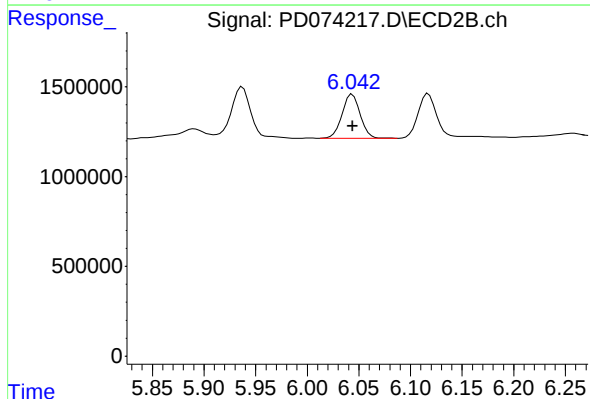
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2829935
Conc: 2.42 ng/ml



#17 4,4'-DDT

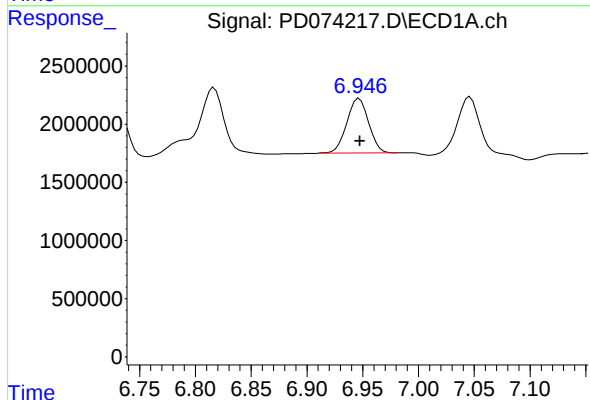
R.T.: 7.045 min
Delta R.T.: -0.002 min
Response: 6938024
Conc: 2.72 ng/ml

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



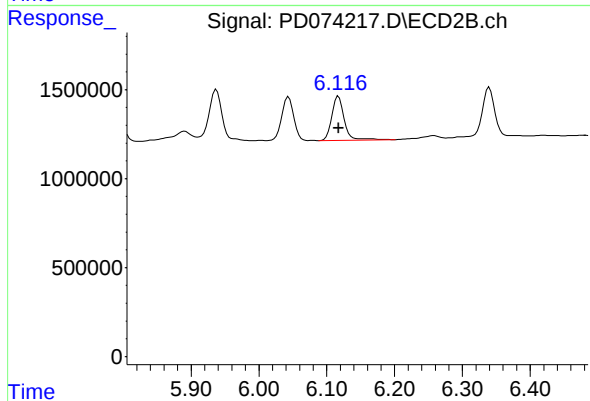
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 2981007
Conc: 2.43 ng/ml



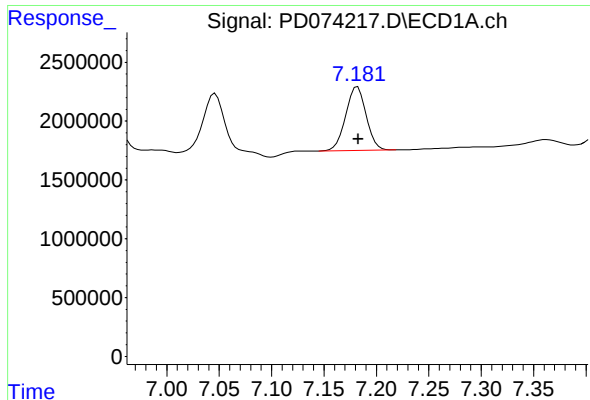
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 6380132
Conc: 3.19 ng/ml



#18 Endrin aldehyde

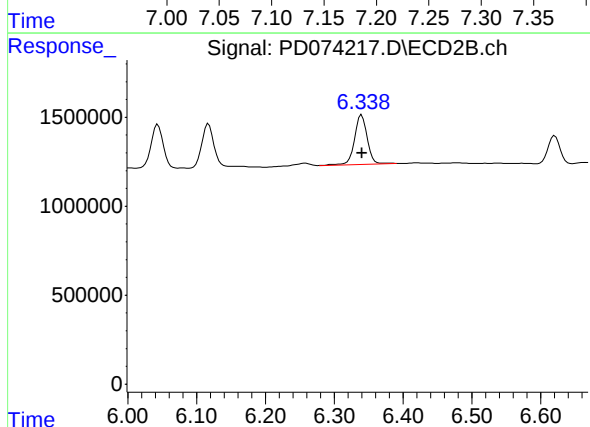
R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 3220913
Conc: 3.17 ng/ml



#19 Endosulfan Sulfate

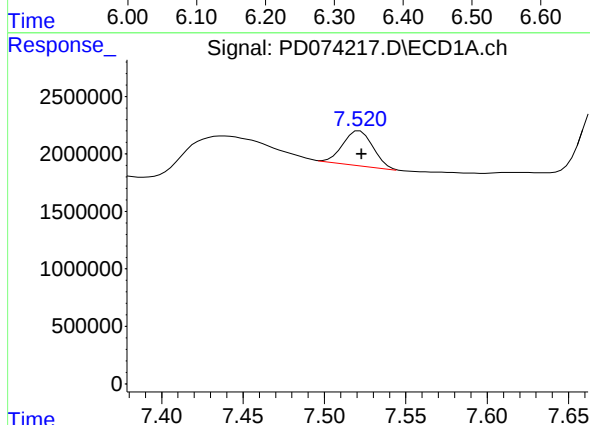
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 7420608
Conc: 3.01 ng/ml

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



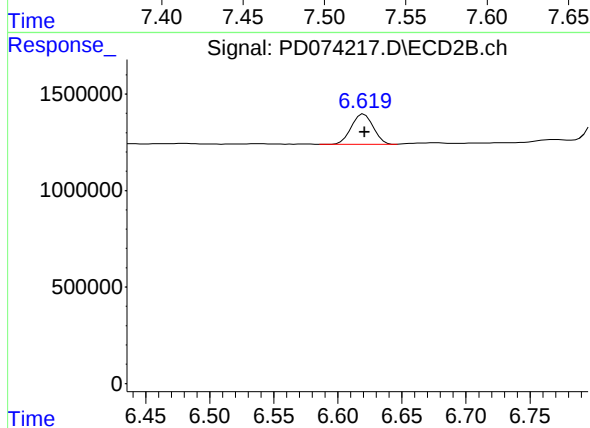
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 3603338
Conc: 2.95 ng/ml



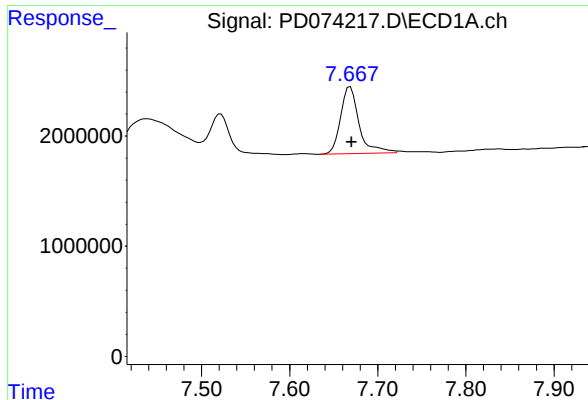
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.002 min
Response: 3904209
Conc: 2.79 ng/ml m



#20 Methoxychlor

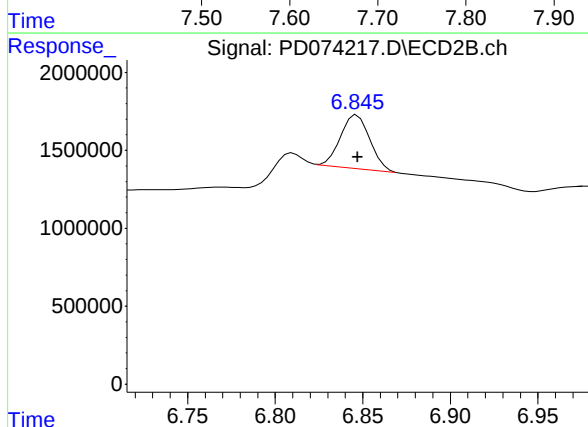
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 1865267
Conc: 2.76 ng/ml



#21 Endrin ketone

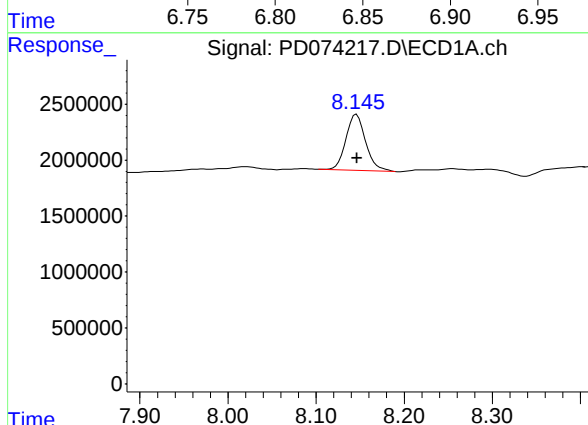
R.T.: 7.669 min
Delta R.T.: -0.001 min
Response: 8825983
Conc: 3.17 ng/ml

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



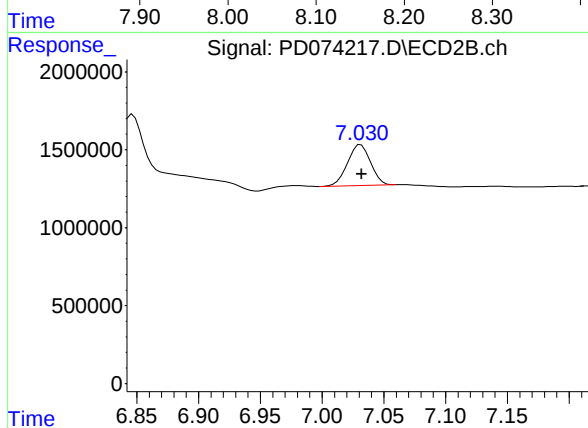
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 4015572
Conc: 2.72 ng/ml m



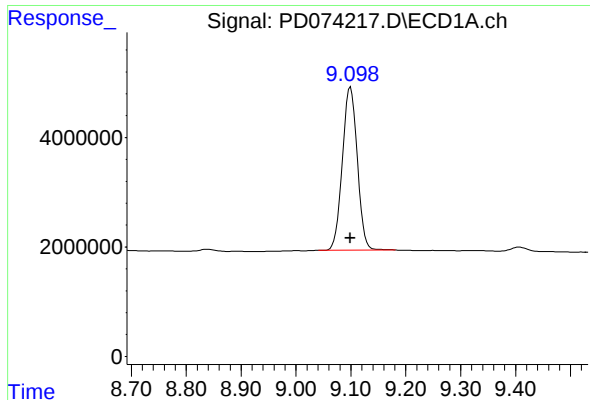
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 7766245
Conc: 3.66 ng/ml



#22 Mirex

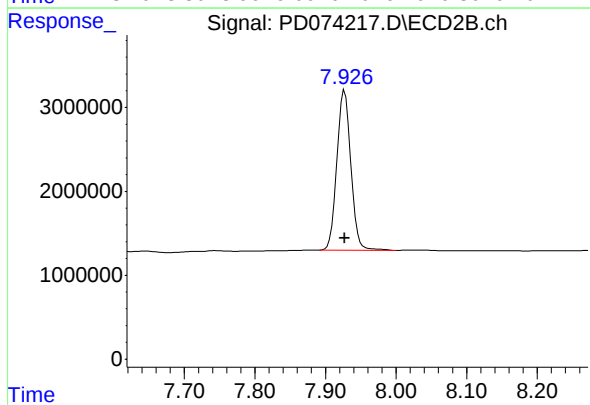
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 3414027
Conc: 3.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 56432528
Conc: 21.10 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 26384543
Conc: 21.50 ng/ml