

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
 Data File : PD074215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 22:19
 Operator : AR\AJ
 Sample : 01627-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 31 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 05:09:05 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	45585228	22800620	19.543	18.735
28)	SA Decachlor...	9.099	7.926	55856371	25668420	20.884	20.921
Target Compounds							
2)	A alpha-BHC	4.007	3.275	3622035	1604538	0.933	0.863
3)	MA gamma-BHC...	4.340	3.606	3349360	1577303	0.955	0.921
4)	MA Heptachlor	4.934	3.948	3951051	1494061	1.153	0.876
5)	MB Aldrin	5.277	4.227	3938100	1668905	1.169	0.989m
6)	B beta-BHC	4.536	3.902	1700613	877871	1.151	1.163
7)	B delta-BHC	4.783	4.133	6517868	1681105	2.375	0.988 #
8)	B Heptachlo...	5.701	4.732	5025170	1612848	1.787m	1.051 #
9)	A Endosulfan I	6.092	5.102	3438486	1350348	1.209	0.938
10)	B gamma-Chl...	5.961	4.982	3523513	1636465	1.174	1.054
11)	B alpha-Chl...	6.041	5.047	3636592	1649136	1.206	1.071
12)	B 4,4'-DDE	6.212	5.237	3124443	1347151	1.133	0.955
13)	MA Dieldrin	6.368	5.368	3395165	1536665	1.151	1.022
14)	MA Endrin	6.598	5.644	2627313	1534850	1.057	1.174
15)	B Endosulfa...	6.816	5.937	4070017	1652985	1.580	1.314
16)	A 4,4'-DDD	6.731	5.791	2365175	1164793	1.054	0.998
17)	MA 4,4'-DDT	7.046	6.043	3096381	1168803	1.215	0.952
18)	B Endrin al...	6.947	6.117	2752608	1264573	1.377	1.245
19)	B Endosulfa...	7.182	6.340	3088770	1425991	1.251	1.168
20)	A Methoxychlor	7.522	6.620	1716510	762673	1.227	1.127
21)	B Endrin ke...	7.669	6.847	3235268	1608786	1.162	1.091
22)	Mirex	8.147	7.031	3238001	1480338	1.525	1.303

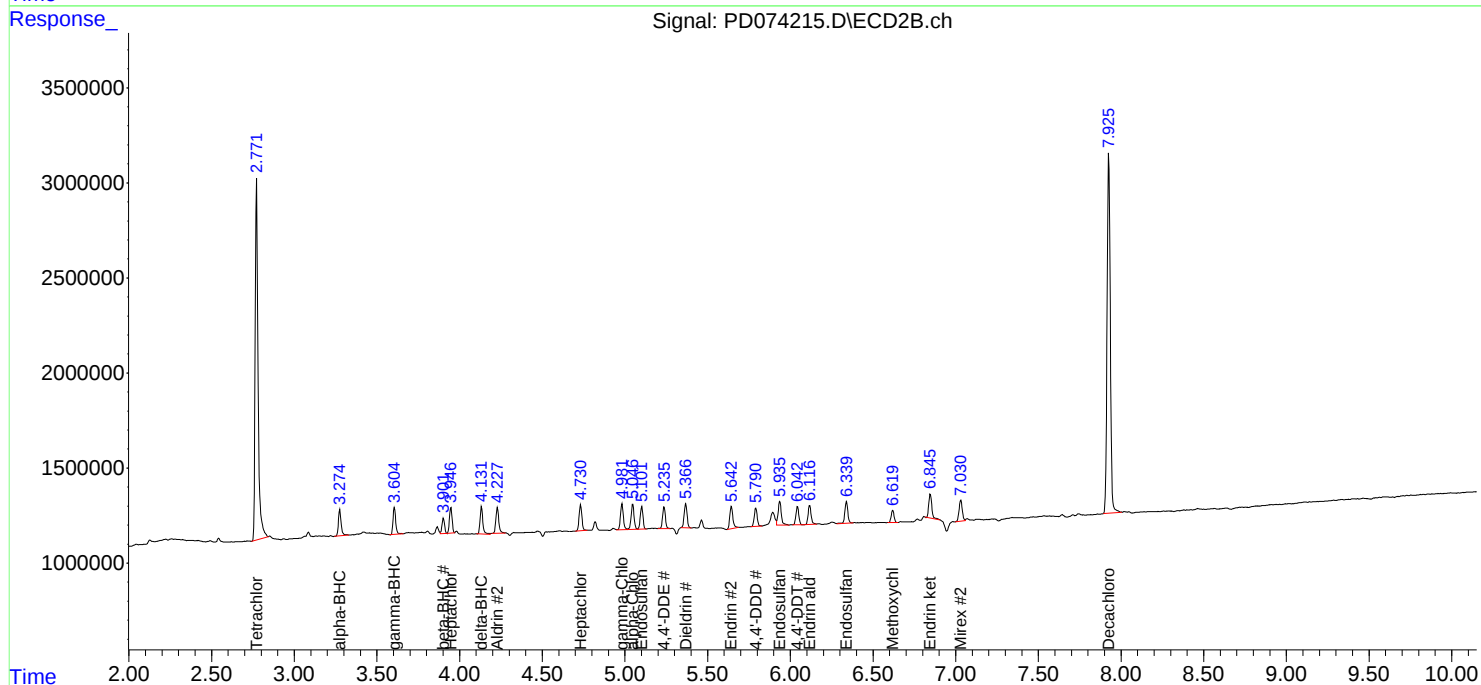
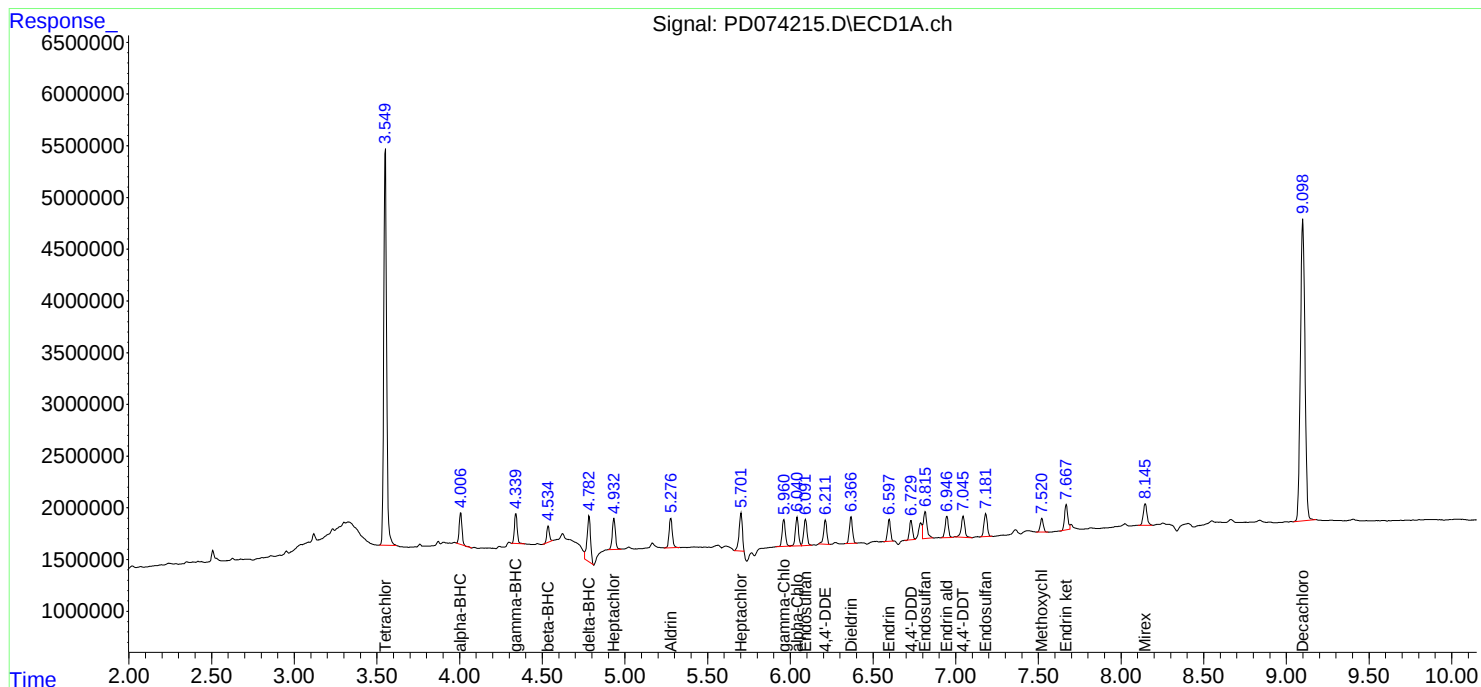
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

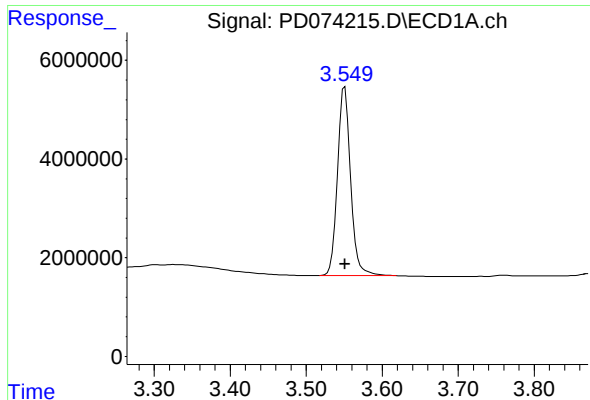
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
Data File : PD074215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 22:19
Operator : AR\AJ
Sample : 01627-01
Misc : PEST LOD 1PPB SOIL
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Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

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

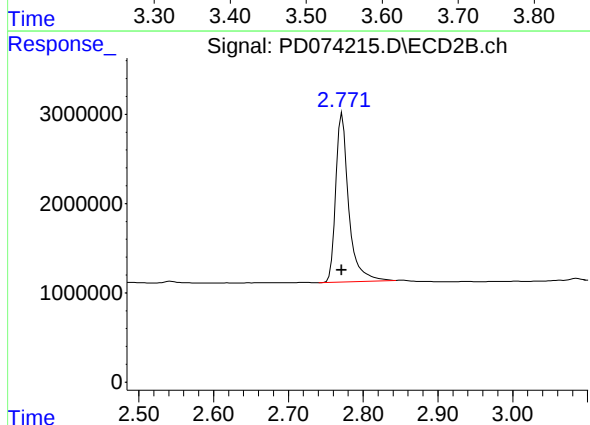




#1 Tetrachloro-m-xylene

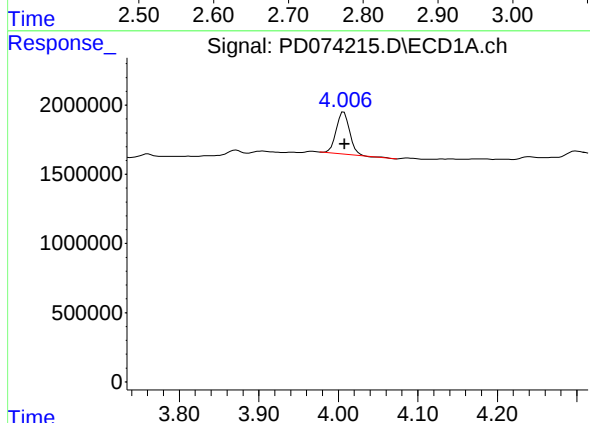
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45585228
Conc: 19.54 ng/ml

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



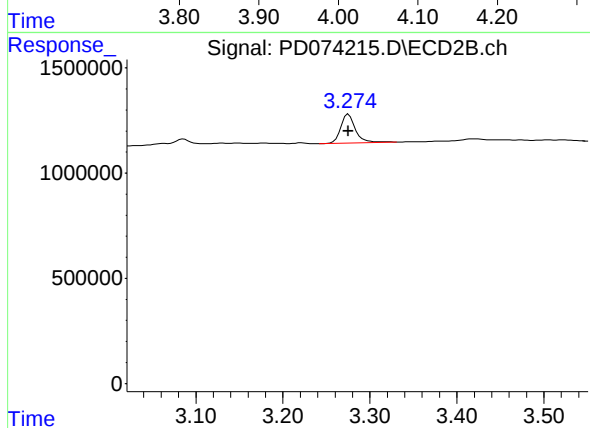
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 22800620
Conc: 18.74 ng/ml



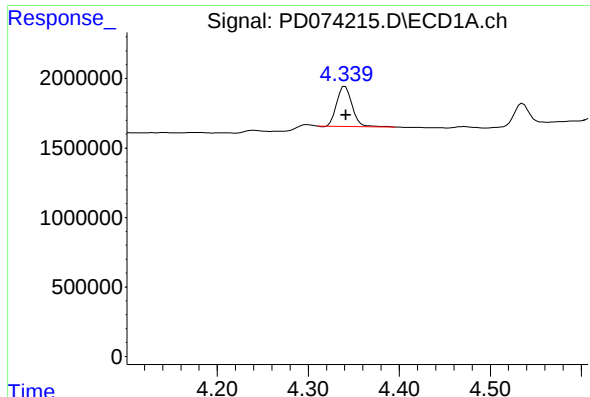
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 3622035
Conc: 0.93 ng/ml



#2 alpha-BHC

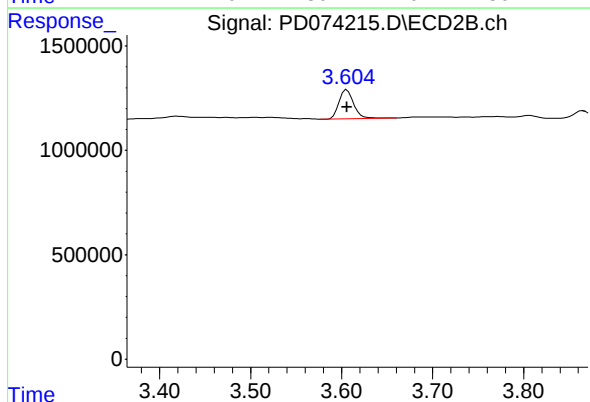
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 1604538
Conc: 0.86 ng/ml



#3 gamma-BHC (Lindane)

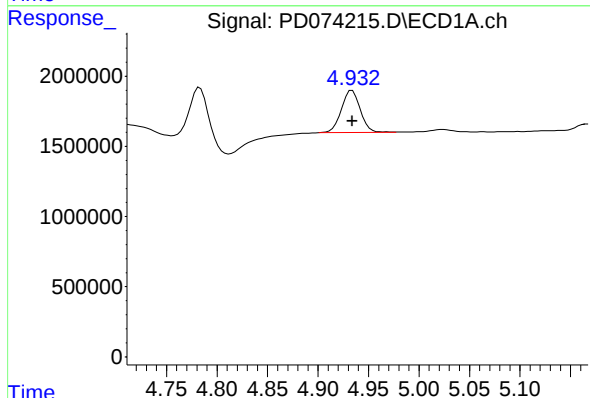
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 3349360
Conc: 0.95 ng/ml

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



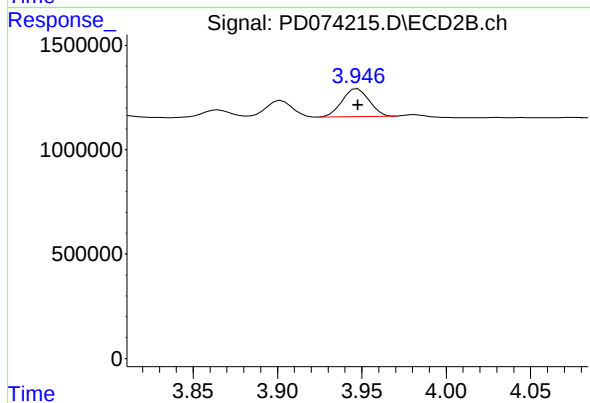
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 1577303
Conc: 0.92 ng/ml



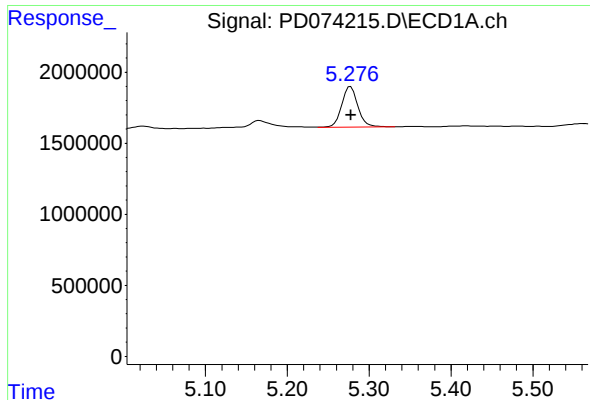
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 3951051
Conc: 1.15 ng/ml



#4 Heptachlor

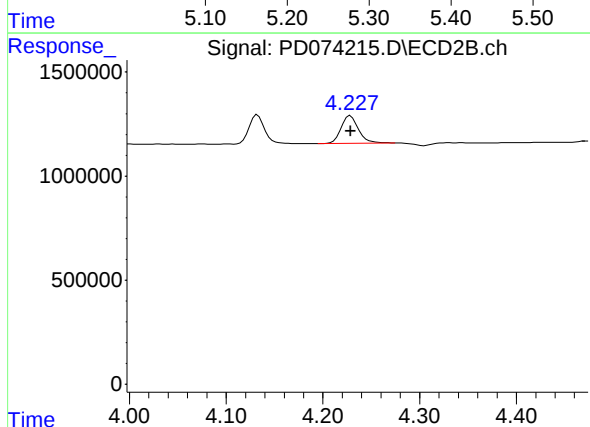
R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 1494061
Conc: 0.88 ng/ml



#5 Aldrin

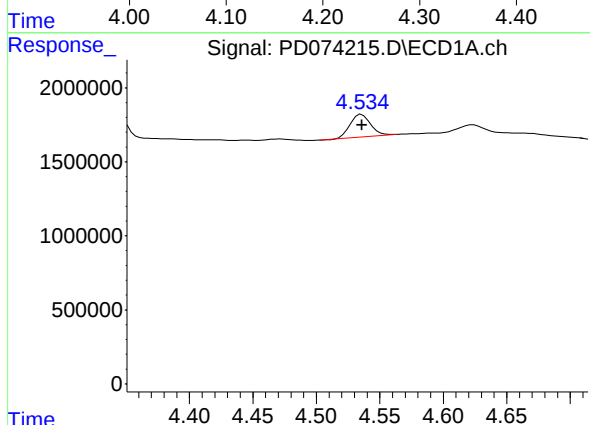
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 3938100
Conc: 1.17 ng/ml

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



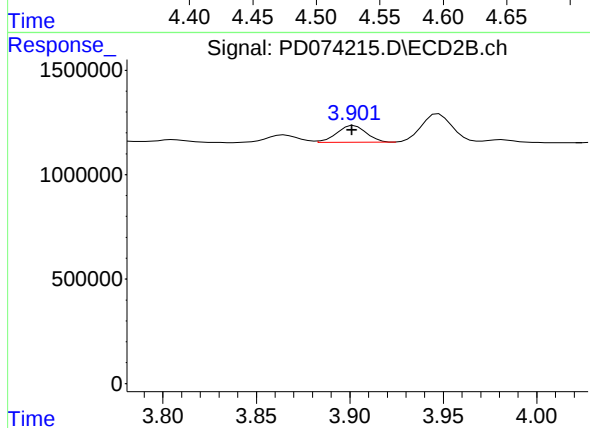
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 1668905
Conc: 0.99 ng/ml m



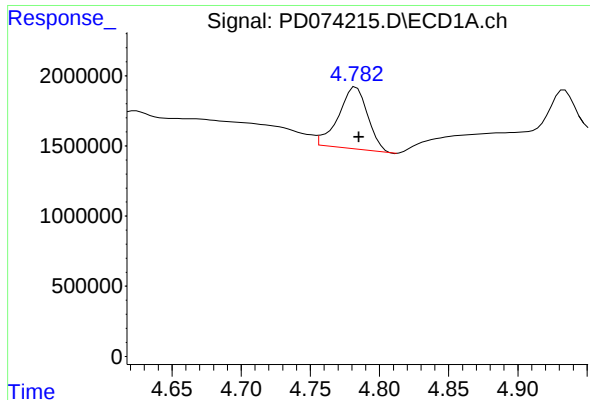
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 1700613
Conc: 1.15 ng/ml



#6 beta-BHC

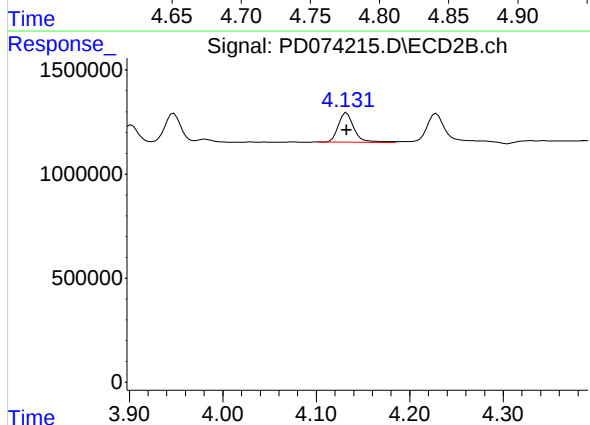
R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 877871
Conc: 1.16 ng/ml



#7 delta-BHC

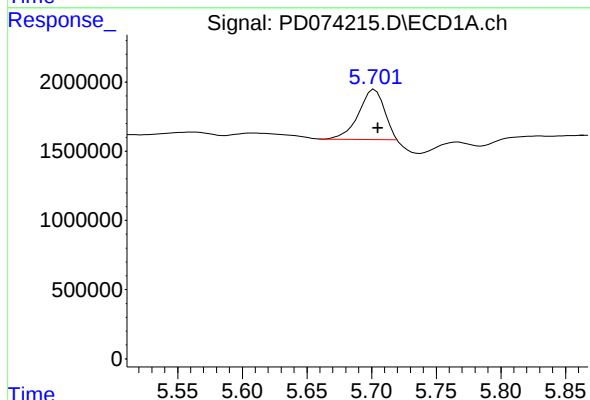
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 6517868
Conc: 2.38 ng/ml

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



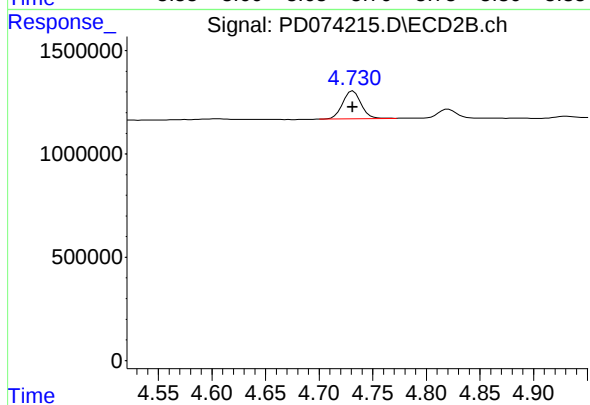
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 1681105
Conc: 0.99 ng/ml



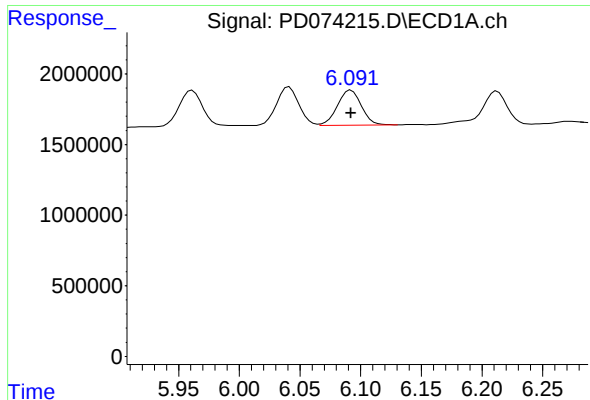
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: -0.004 min
Response: 5025170
Conc: 1.79 ng/ml m



#8 Heptachlor epoxide

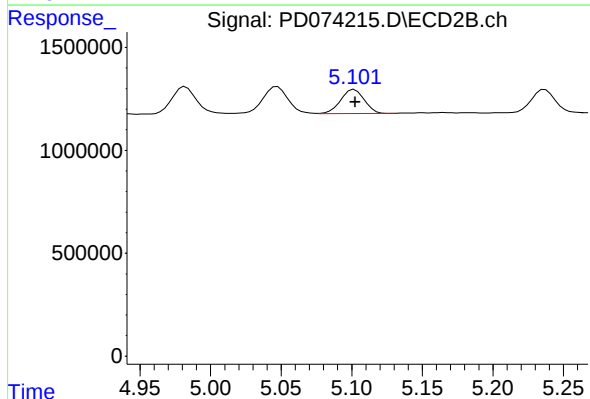
R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 1612848
Conc: 1.05 ng/ml



#9 Endosulfan I

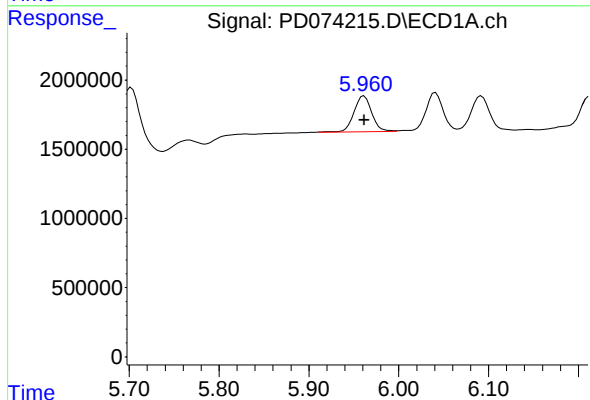
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 3438486
Conc: 1.21 ng/ml

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



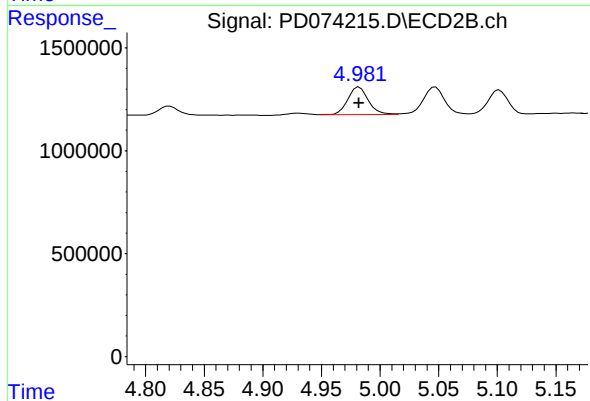
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 1350348
Conc: 0.94 ng/ml



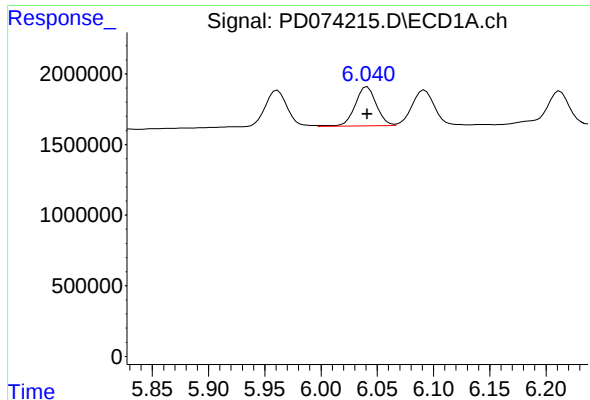
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 3523513
Conc: 1.17 ng/ml



#10 gamma-Chlordane

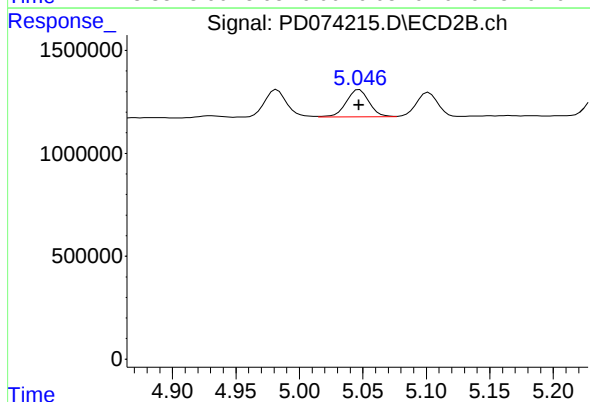
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 1636465
Conc: 1.05 ng/ml



#11 alpha-Chlordane

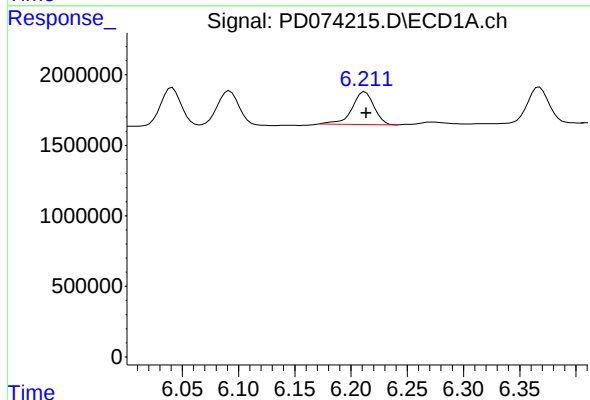
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 3636592
Conc: 1.21 ng/ml

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



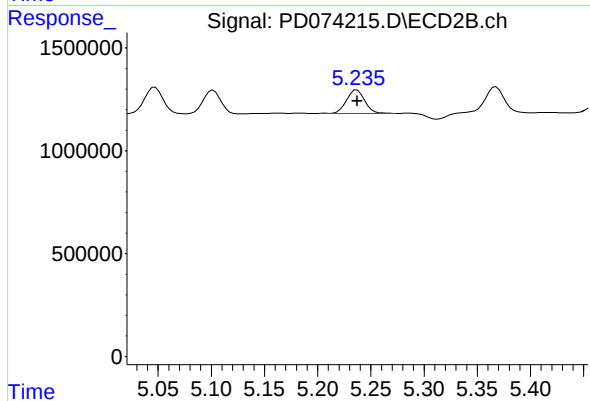
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 1649136
Conc: 1.07 ng/ml



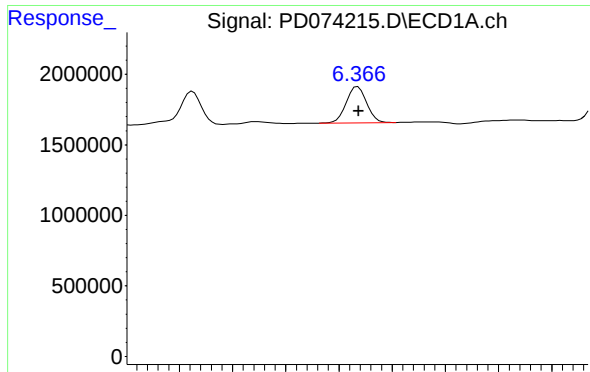
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 3124443
Conc: 1.13 ng/ml



#12 4,4'-DDE

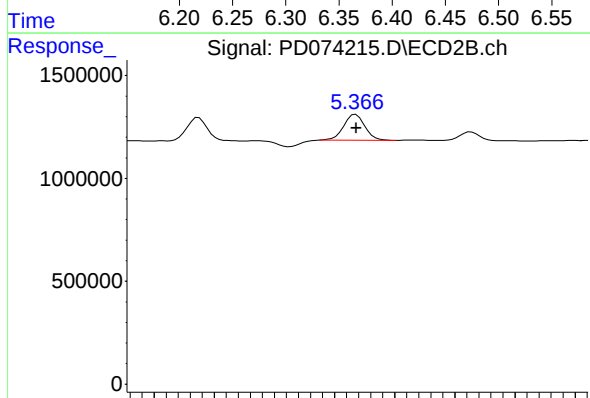
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 1347151
Conc: 0.95 ng/ml



#13 Dieldrin

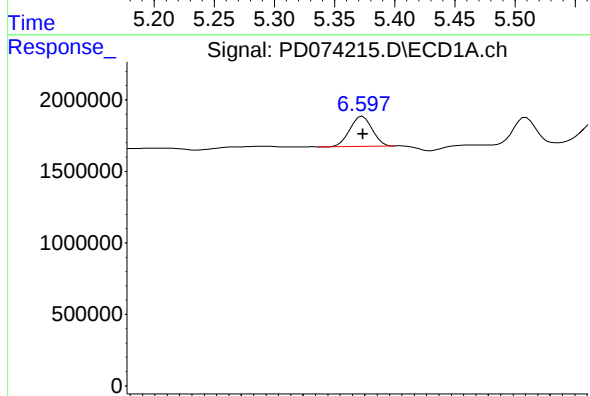
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 3395165
Conc: 1.15 ng/ml

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



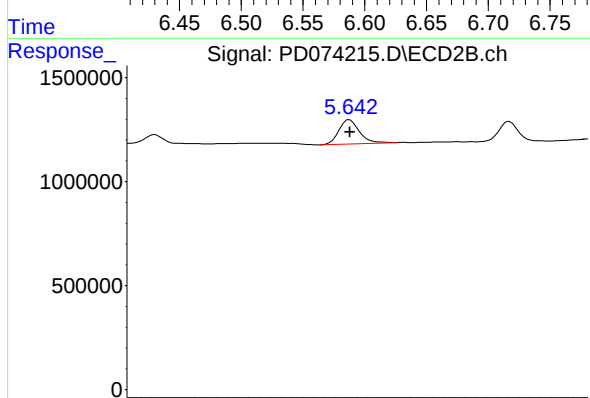
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1536665
Conc: 1.02 ng/ml



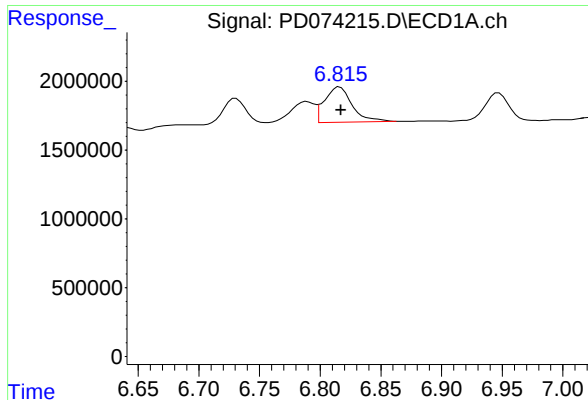
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 2627313
Conc: 1.06 ng/ml



#14 Endrin

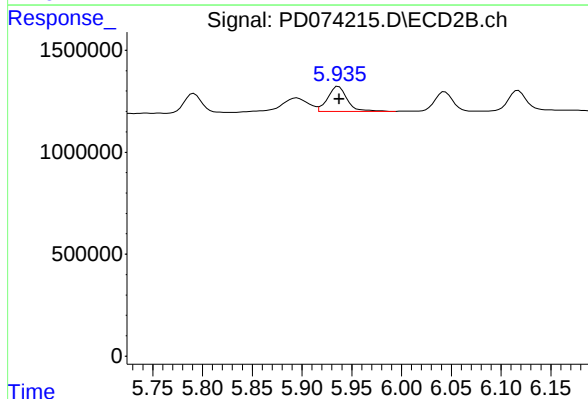
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 1534850
Conc: 1.17 ng/ml



#15 Endosulfan II

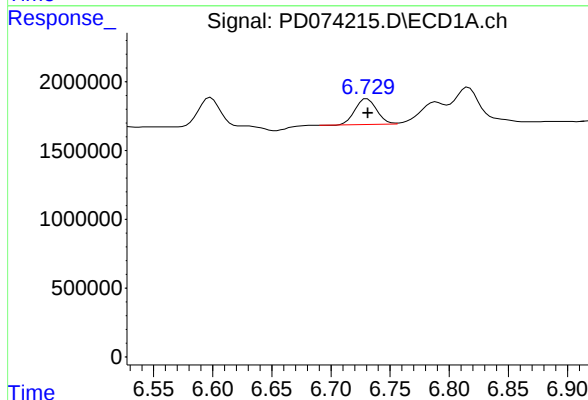
R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 4070017
Conc: 1.58 ng/ml

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



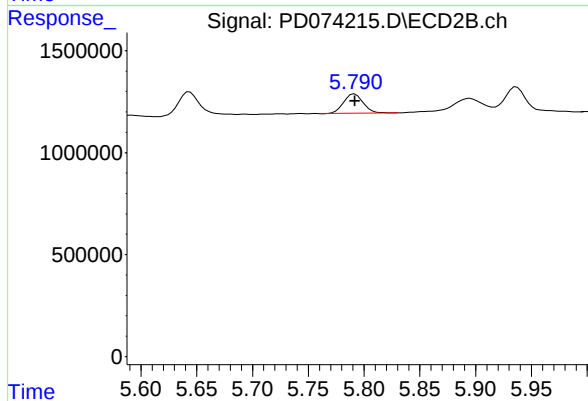
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 1652985
Conc: 1.31 ng/ml



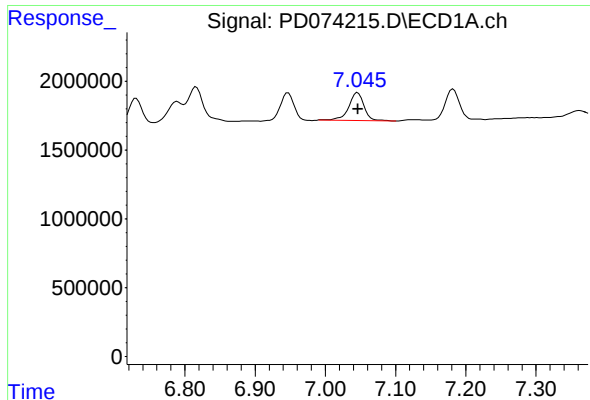
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2365175
Conc: 1.05 ng/ml



#16 4,4'-DDD

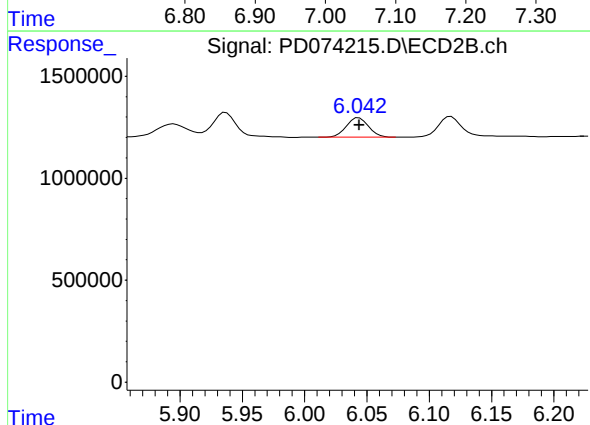
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 1164793
Conc: 1.00 ng/ml



#17 4,4'-DDT

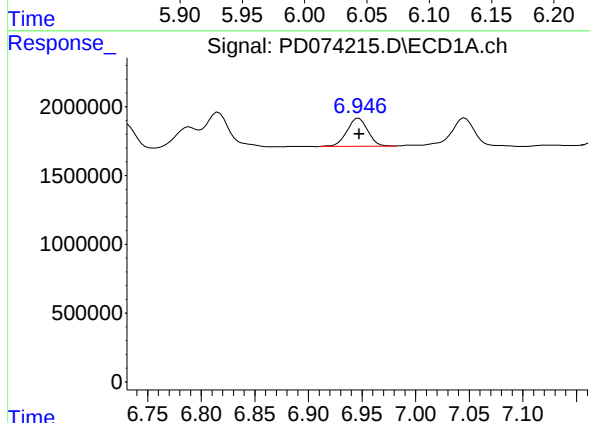
R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 3096381
Conc: 1.21 ng/ml

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



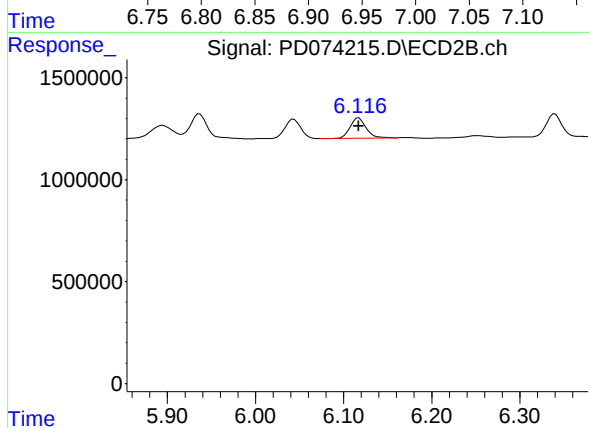
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1168803
Conc: 0.95 ng/ml



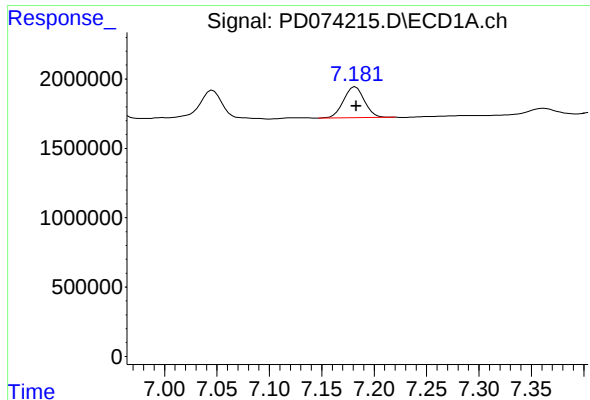
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2752608
Conc: 1.38 ng/ml



#18 Endrin aldehyde

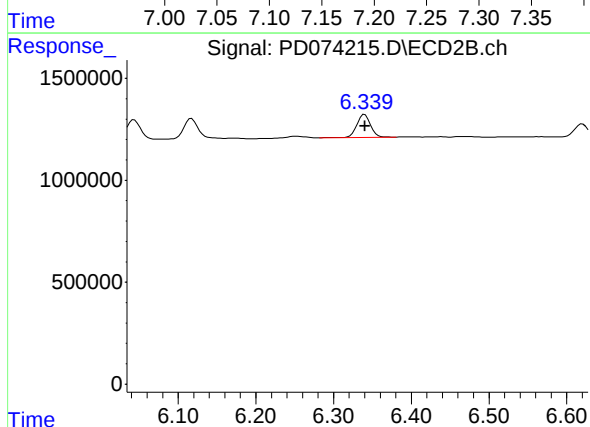
R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 1264573
Conc: 1.25 ng/ml



#19 Endosulfan Sulfate

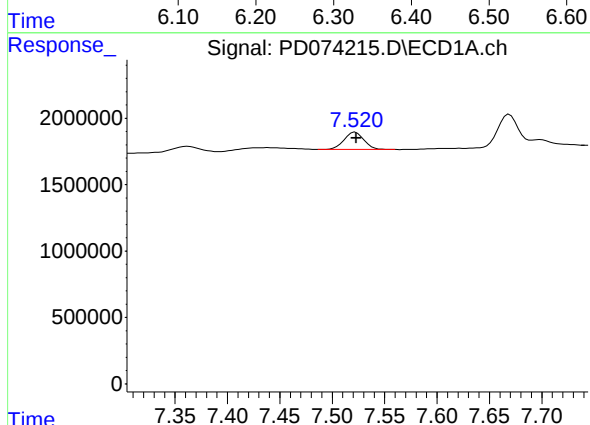
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 3088770
Conc: 1.25 ng/ml

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



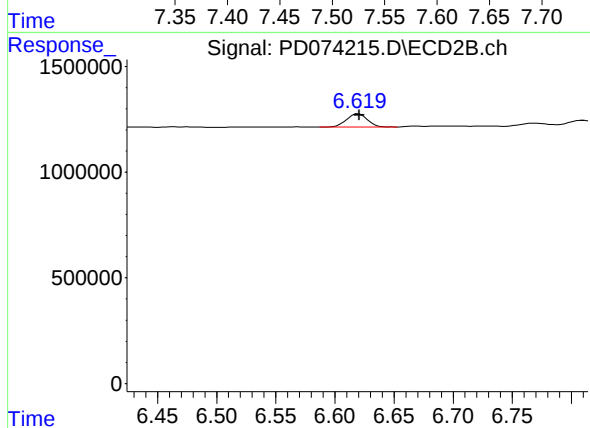
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1425991
Conc: 1.17 ng/ml



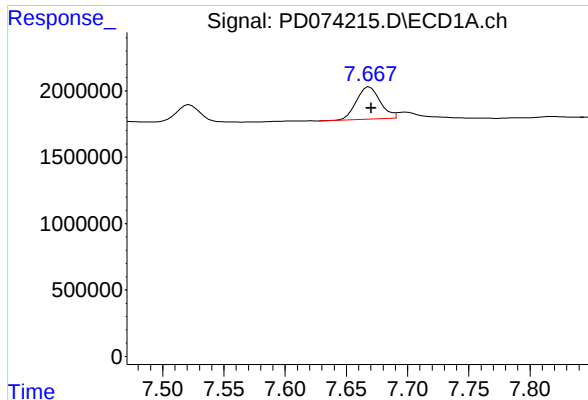
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 1716510
Conc: 1.23 ng/ml



#20 Methoxychlor

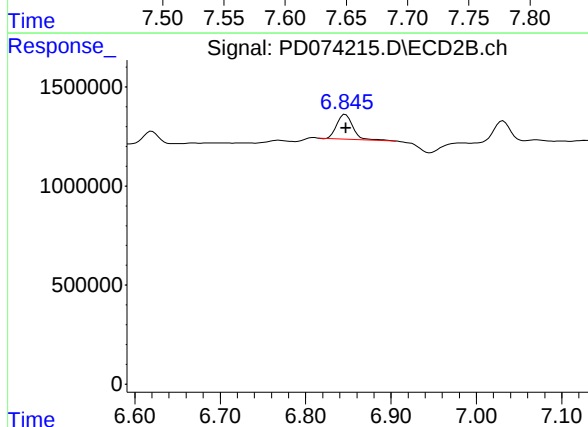
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 762673
Conc: 1.13 ng/ml



#21 Endrin ketone

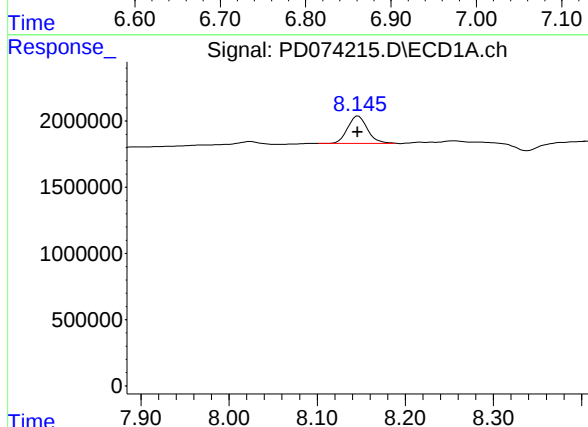
R.T.: 7.669 min
Delta R.T.: -0.001 min
Response: 3235268
Conc: 1.16 ng/ml

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



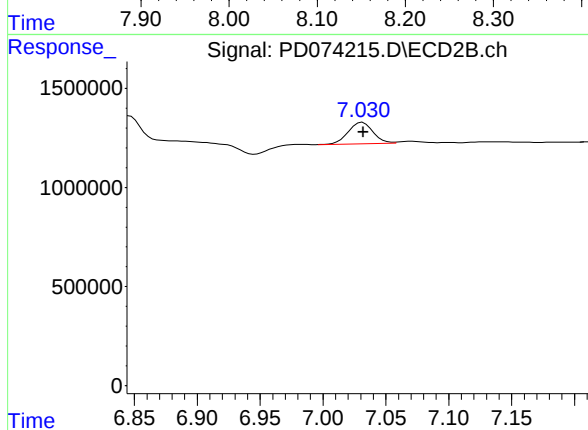
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 1608786
Conc: 1.09 ng/ml



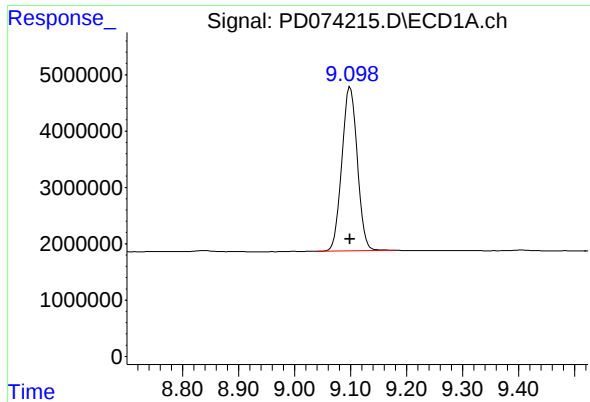
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 3238001
Conc: 1.52 ng/ml



#22 Mirex

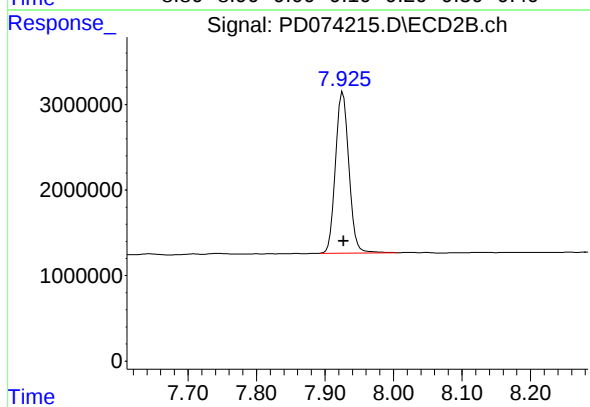
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 1480338
Conc: 1.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 55856371
Conc: 20.88 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 25668420
Conc: 20.92 ng/ml