

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080422\
 Data File : PD071323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2022 13:39
 Operator : AR\AJ
 Sample : N3980-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 03:19:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.815	3.574	44114490	499.8E6	15.555	17.755
28)	SA Decachlor...	8.016	9.104	47075174	194.1E6	16.973	18.748
Target Compounds							
2)	A alpha-BHC	3.323	4.038	8069950	101.9E6	1.924m	2.744m#
3)	MA gamma-BHC...	3.659	4.375	8747449	88476045	2.187	2.955 #
4)	MA Heptachlor	4.006	4.954	8955877	70152725	2.111	3.318 #
5)	MB Aldrin	4.290	5.296	8875848	57024495	2.176	3.229 #
6)	B beta-BHC	3.957	4.582	3943936	37195237	2.309	3.140 #
7)	B delta-BHC	4.191	4.830	7884793	66551430	2.009	3.344 #
8)	B Heptachlo...	4.797	5.728	8630585	51556912	2.357	3.945 #
9)	A Endosulfan I	5.172	6.116	8054909	43075369	2.352	3.133 #
10)	B gamma-Chl...	5.051	5.982	8711685	45919507	2.293	3.127 #
11)	B alpha-Chl...	5.116	6.060	8796582	45856316	2.367	3.162 #
12)	B 4,4'-DDE	5.306	6.233	7377490	43259869	2.156	3.026 #
13)	MA Dieldrin	5.439	6.393	8059586	44978669	2.225	3.061 #
14)	MA Endrin	5.717	6.626	7240831	34801148	2.287	2.782
15)	B Endosulfa...	6.012	6.851	7102494	38177479	2.363	3.079 #
16)	A 4,4'-DDD	5.865	6.756	6860051	36323962	2.406	3.054 #
17)	MA 4,4'-DDT	6.119	7.068	5837261	35498700	1.978	2.722 #
18)	B Endrin al...	6.192	6.982	5550467	29458863	2.518	3.041
19)	B Endosulfa...	6.417	7.214	7660117	37155746	2.664	3.115
20)	A Methoxychlor	6.700	7.544	3944397	21598324	2.391	3.133 #
21)	B Endrin ke...	6.928	7.708	8692799	44069322	2.668	3.283
22)	Mirex	7.116	8.169	7372449	26813230	3.011	3.117

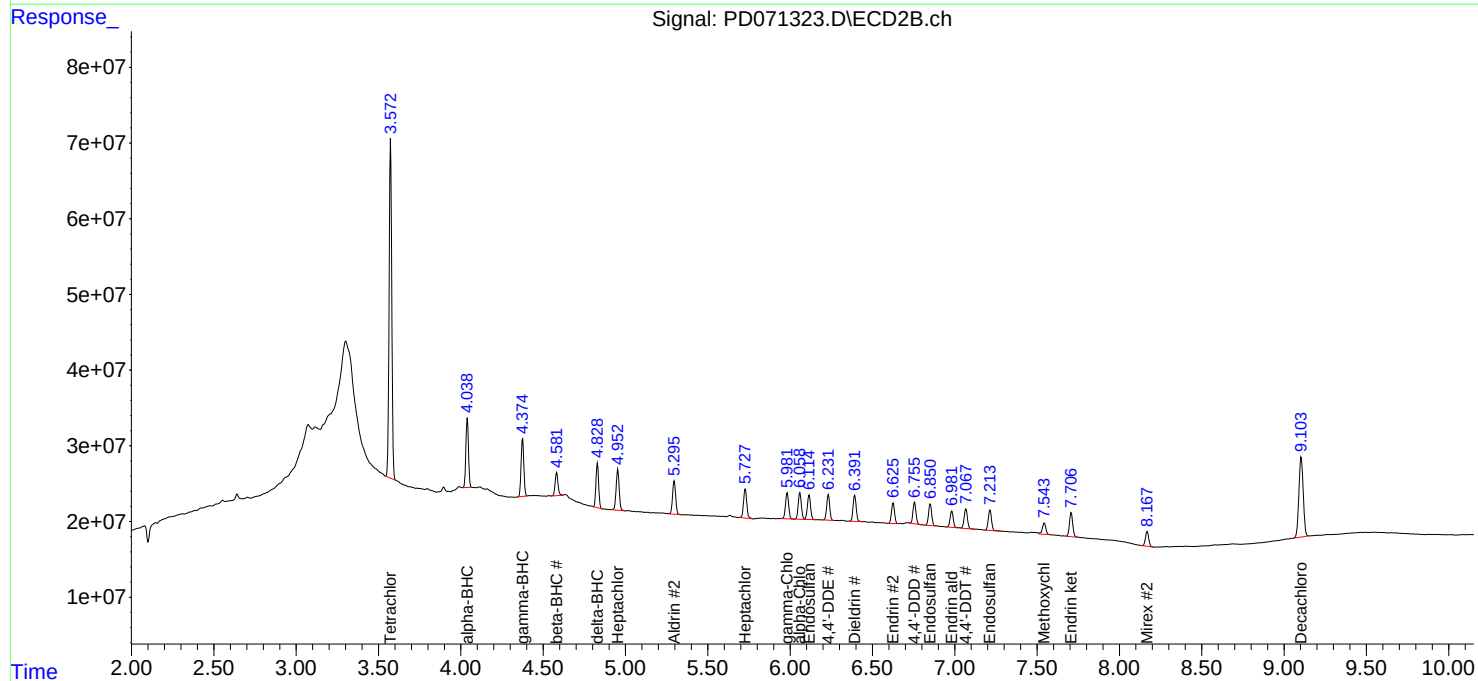
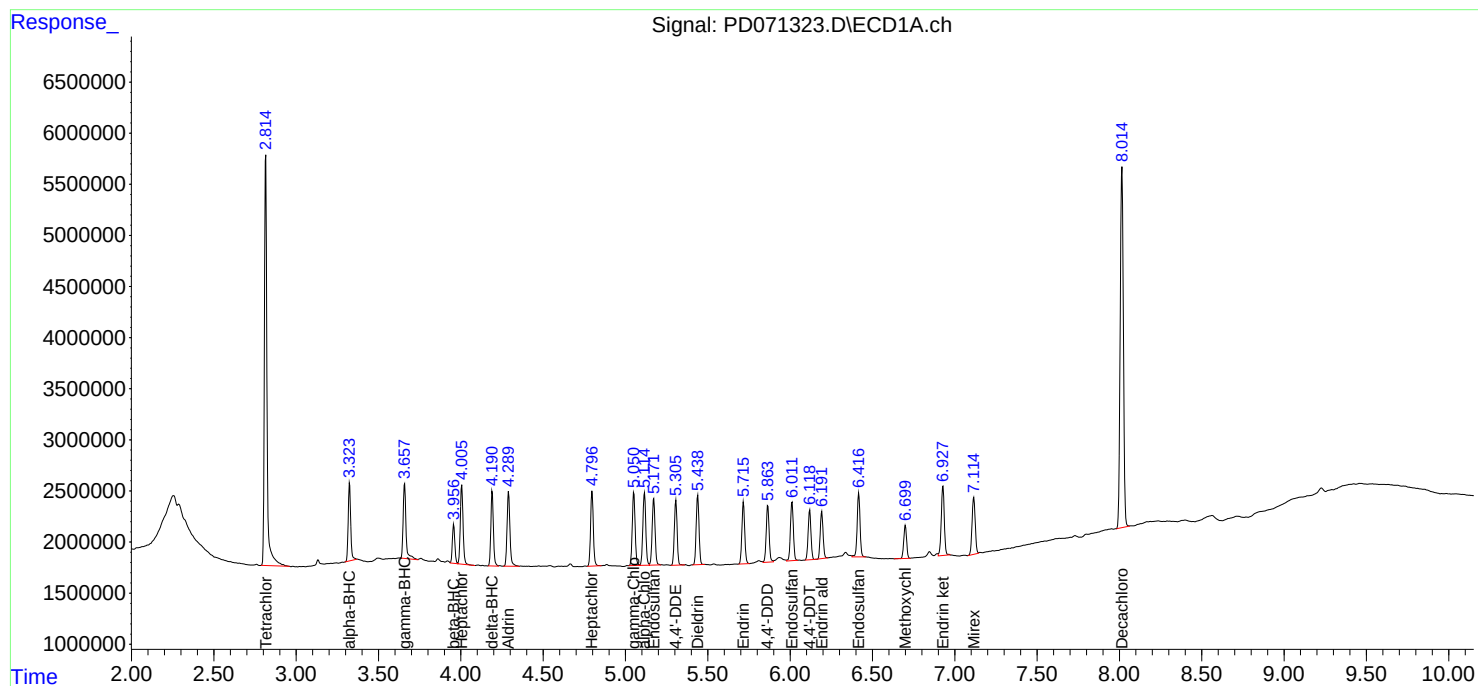
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

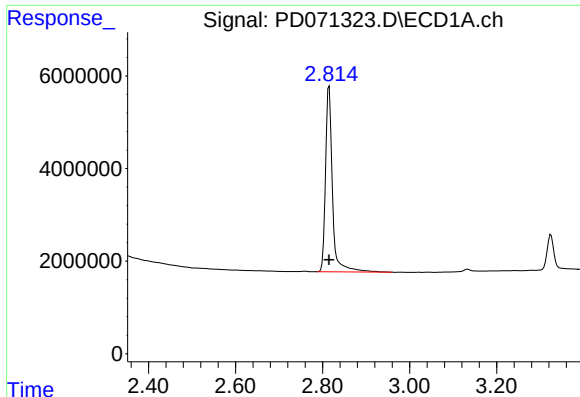
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080422\
Data File : PD071323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2022 13:39
Operator : AR\AJ
Sample : N3980-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 03:19:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

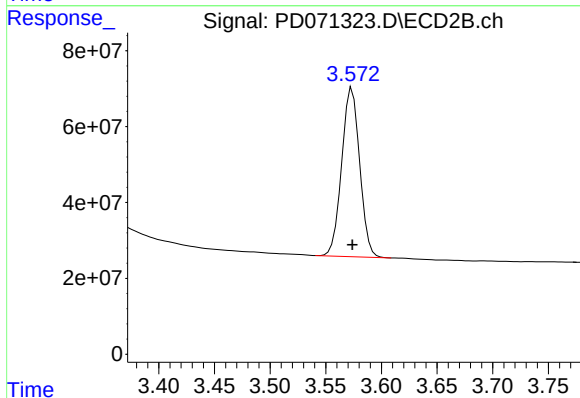




#1 Tetrachloro-m-xylene

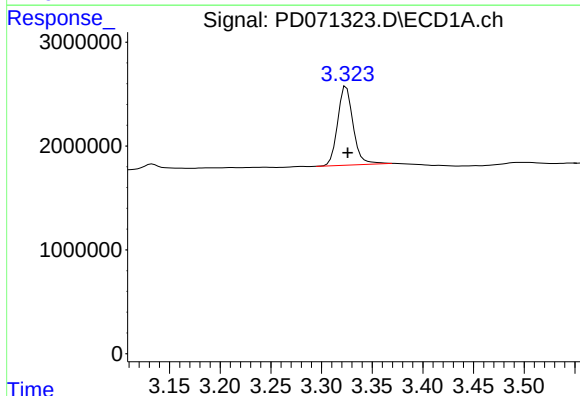
R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 44114490
Conc: 15.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



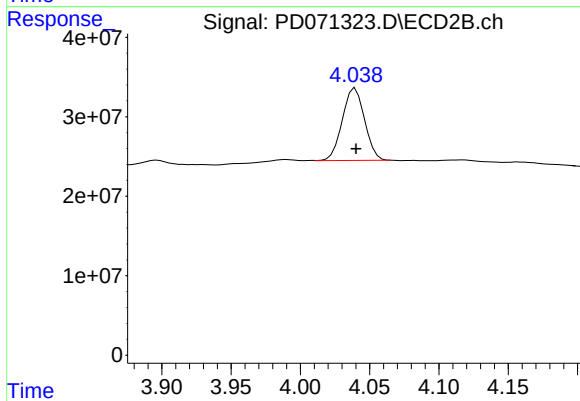
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 499808717
Conc: 17.76 ng/ml



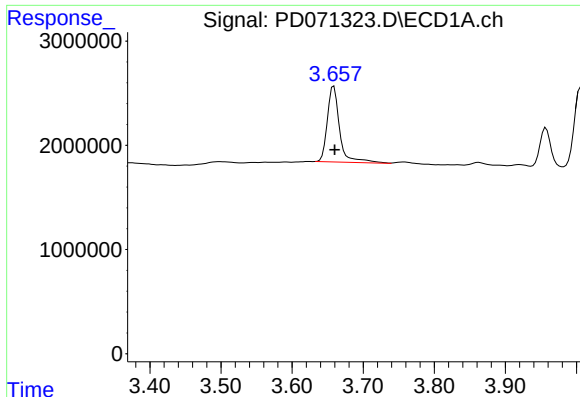
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 8069950
Conc: 1.92 ng/ml m



#2 alpha-BHC

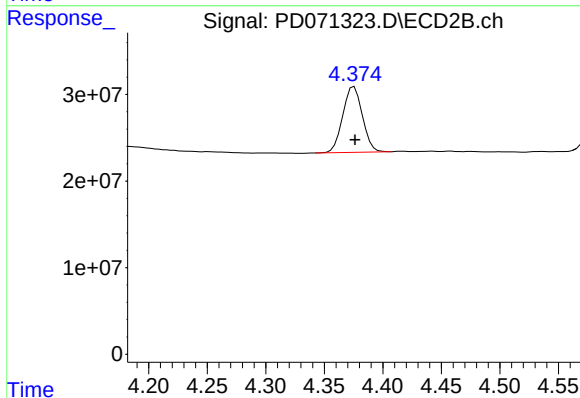
R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 101862828
Conc: 2.74 ng/ml m



#3 gamma-BHC (Lindane)

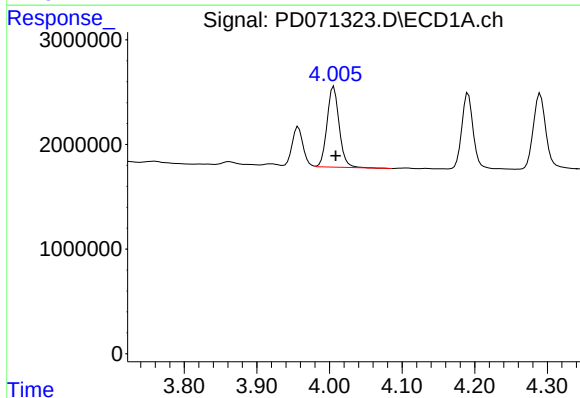
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 8747449
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



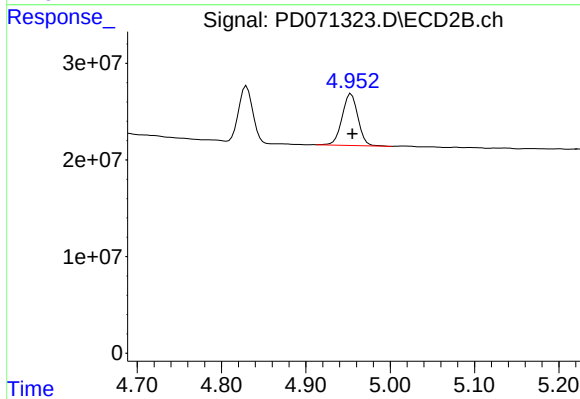
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 88476045
Conc: 2.95 ng/ml



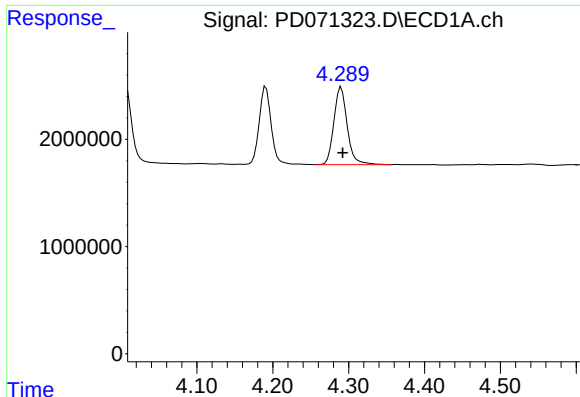
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 8955877
Conc: 2.11 ng/ml



#4 Heptachlor

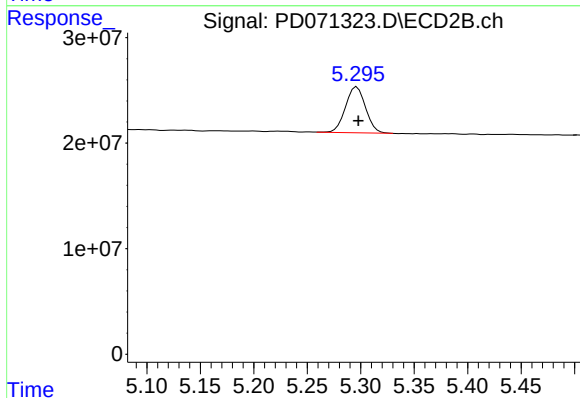
R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 70152725
Conc: 3.32 ng/ml



#5 Aldrin

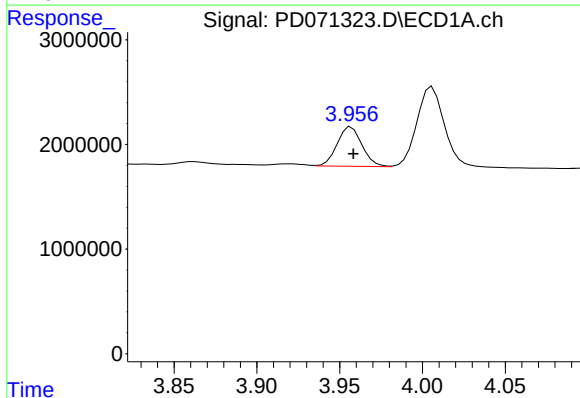
R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 8875848
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



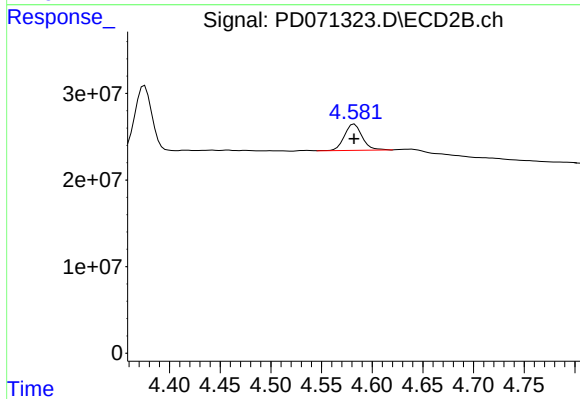
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 57024495
Conc: 3.23 ng/ml



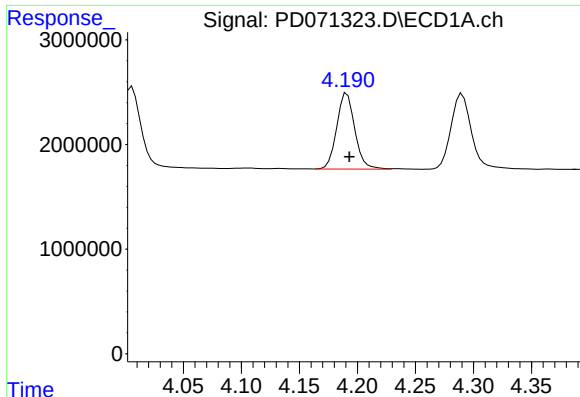
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 3943936
Conc: 2.31 ng/ml



#6 beta-BHC

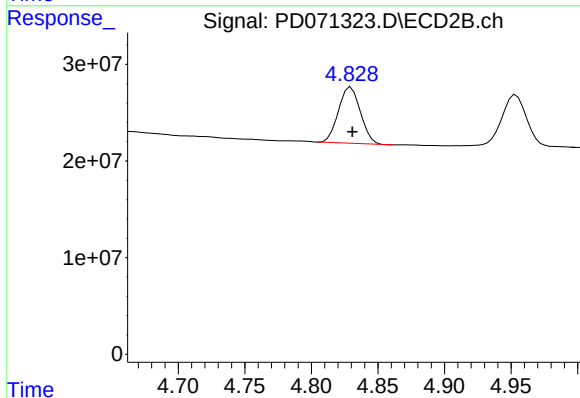
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 37195237
Conc: 3.14 ng/ml



#7 delta-BHC

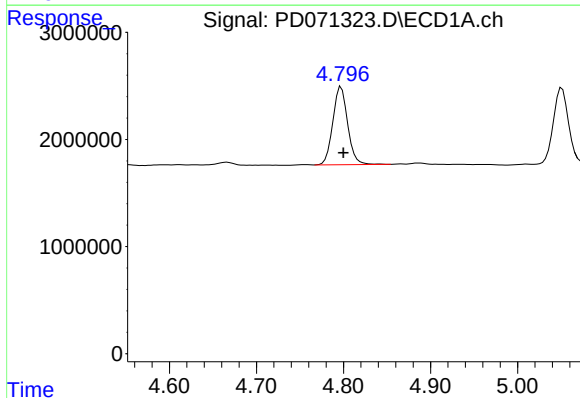
R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 7884793
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



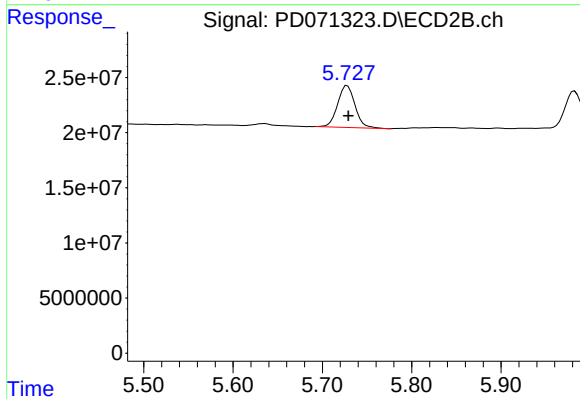
#7 delta-BHC

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 66551430
Conc: 3.34 ng/ml



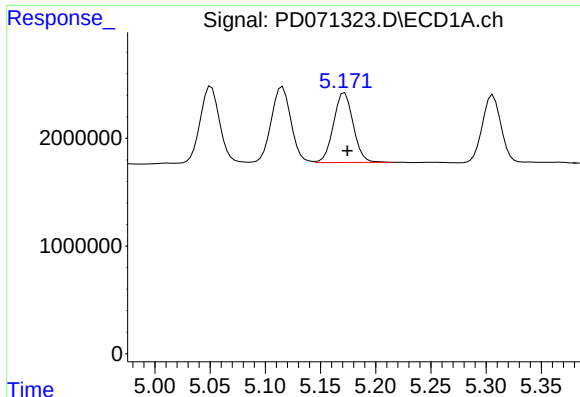
#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 8630585
Conc: 2.36 ng/ml



#8 Heptachlor epoxide

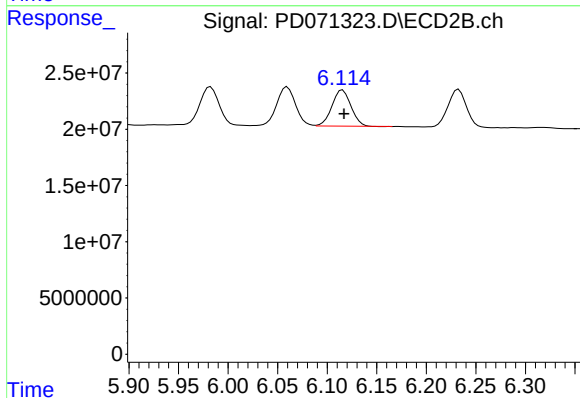
R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 51556912
Conc: 3.95 ng/ml



#9 Endosulfan I

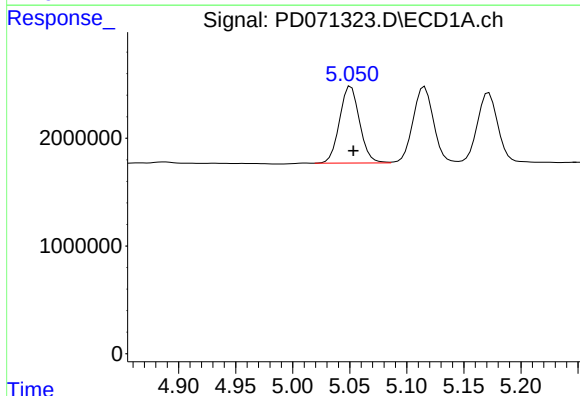
R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 8054909
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



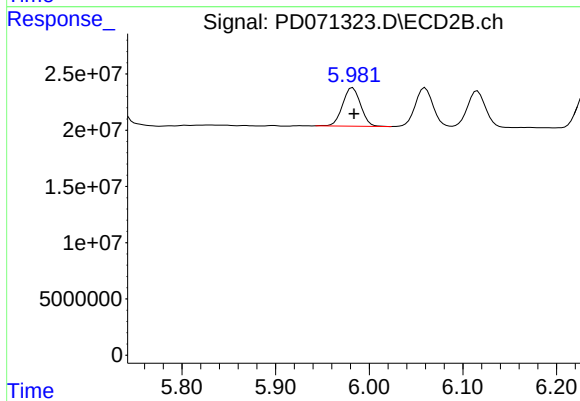
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 43075369
Conc: 3.13 ng/ml



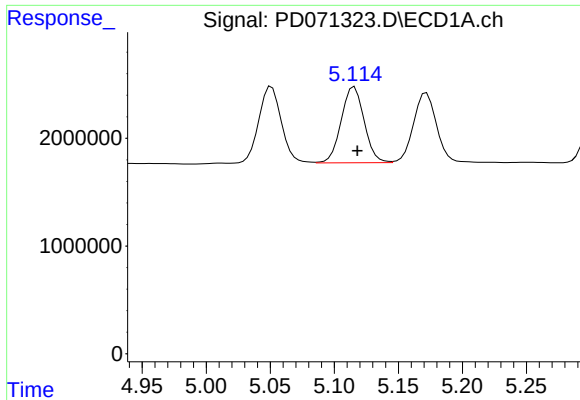
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 8711685
Conc: 2.29 ng/ml



#10 gamma-Chlordane

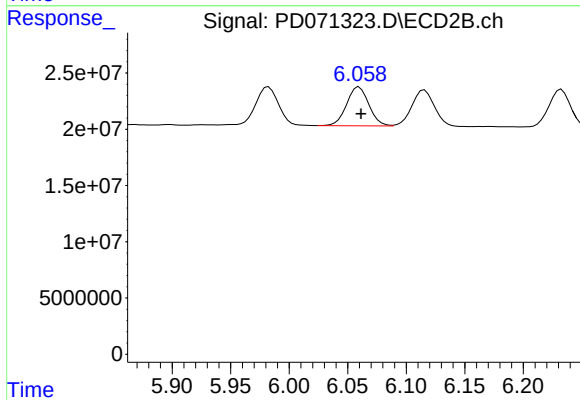
R.T.: 5.982 min
Delta R.T.: -0.001 min
Response: 45919507
Conc: 3.13 ng/ml



#11 alpha-Chlordane

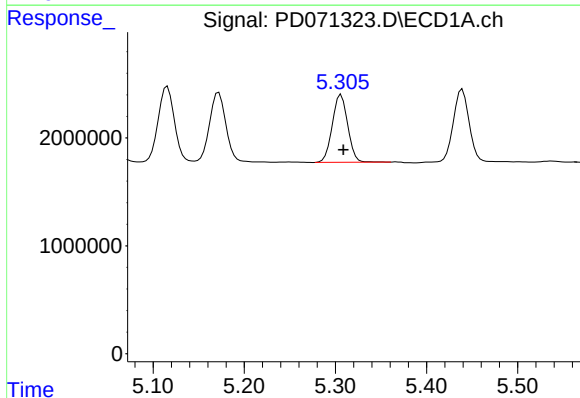
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 8796582
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



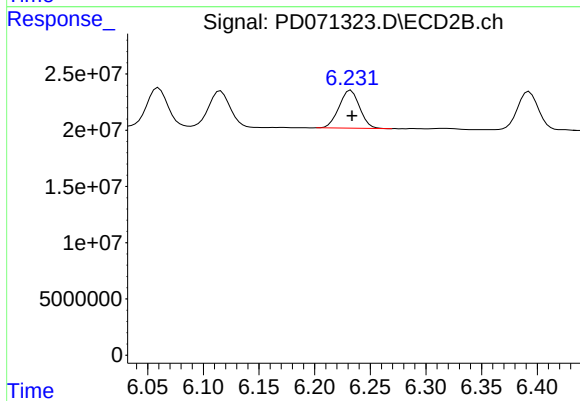
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 45856316
Conc: 3.16 ng/ml



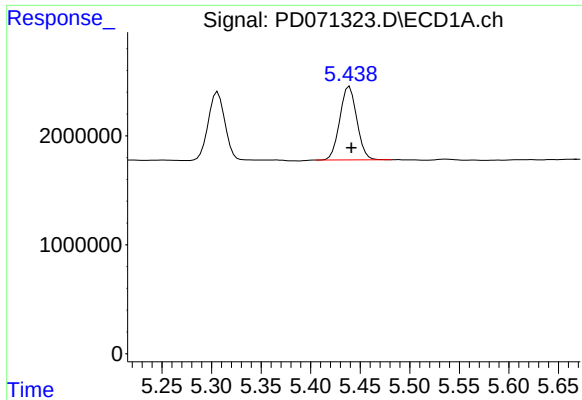
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 7377490
Conc: 2.16 ng/ml



#12 4,4'-DDE

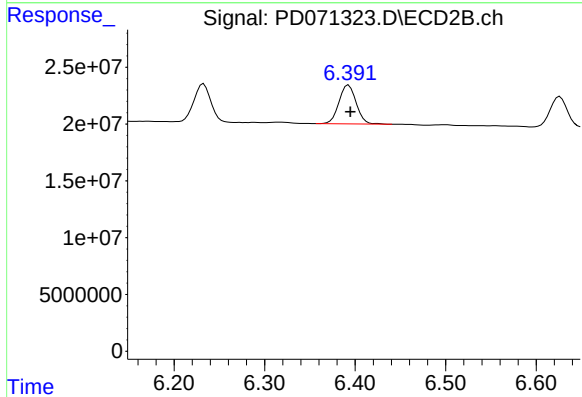
R.T.: 6.233 min
Delta R.T.: -0.001 min
Response: 43259869
Conc: 3.03 ng/ml



#13 Dieldrin

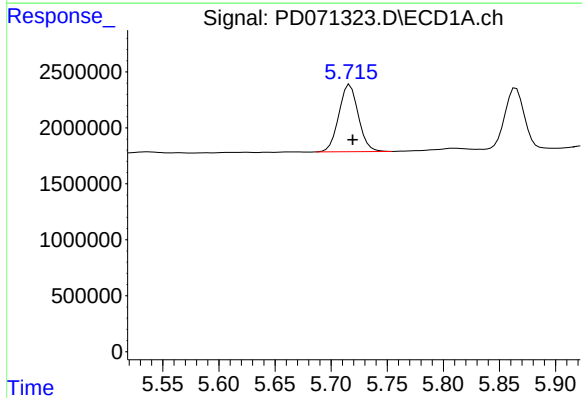
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 8059586
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



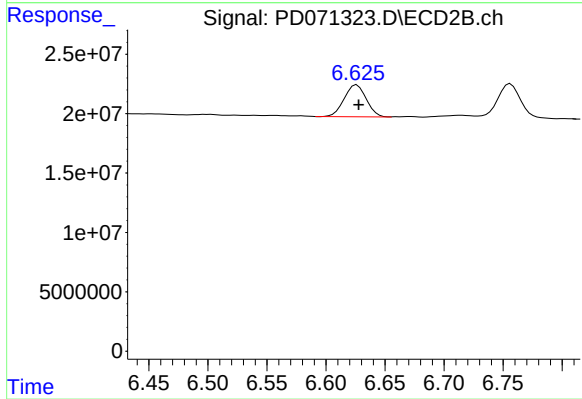
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 44978669
Conc: 3.06 ng/ml



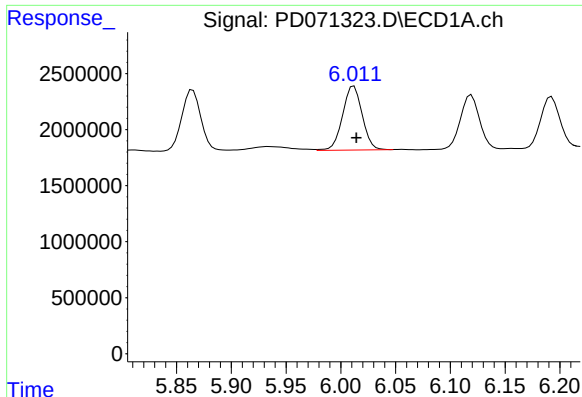
#14 Endrin

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 7240831
Conc: 2.29 ng/ml



#14 Endrin

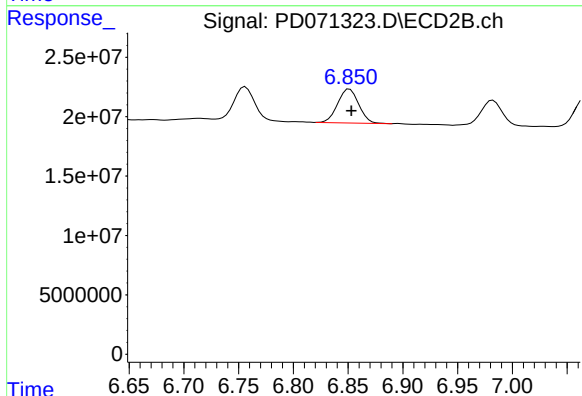
R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 34801148
Conc: 2.78 ng/ml



#15 Endosulfan II

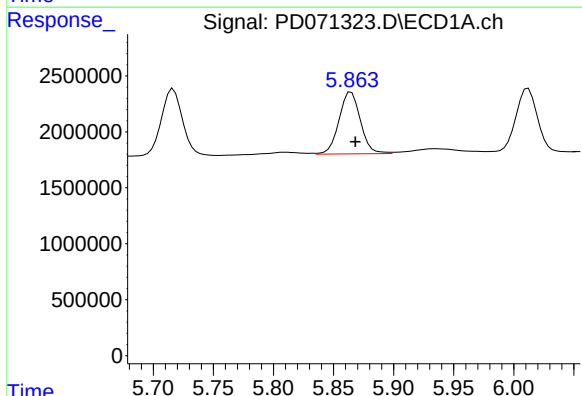
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 7102494
Conc: 2.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



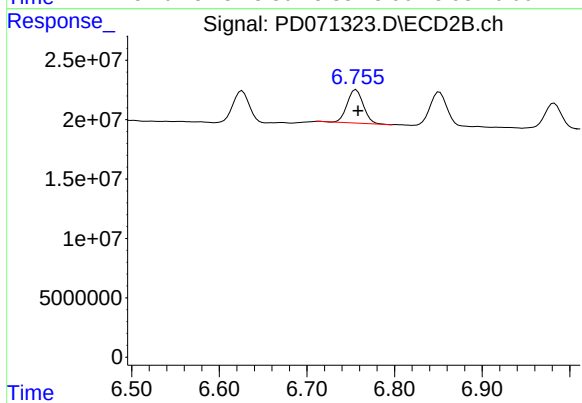
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 38177479
Conc: 3.08 ng/ml



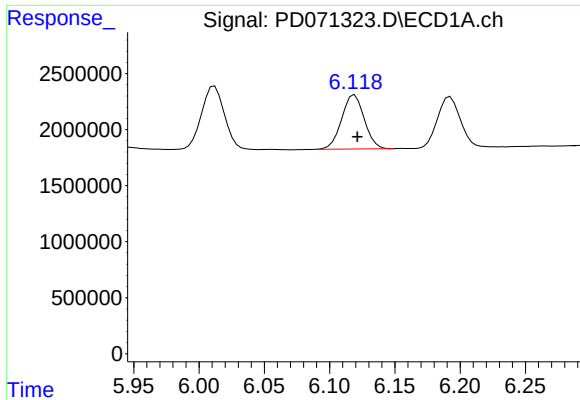
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 6860051
Conc: 2.41 ng/ml



#16 4,4'-DDD

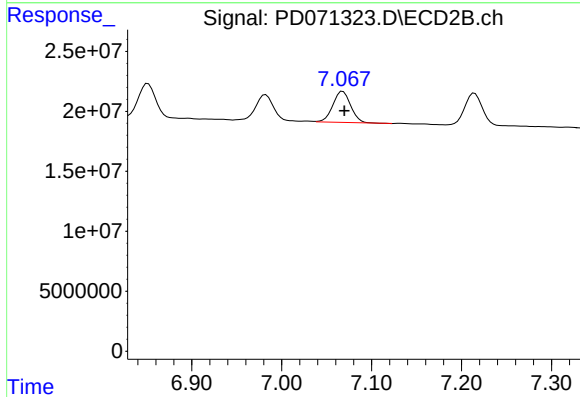
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 36323962
Conc: 3.05 ng/ml



#17 4,4'-DDT

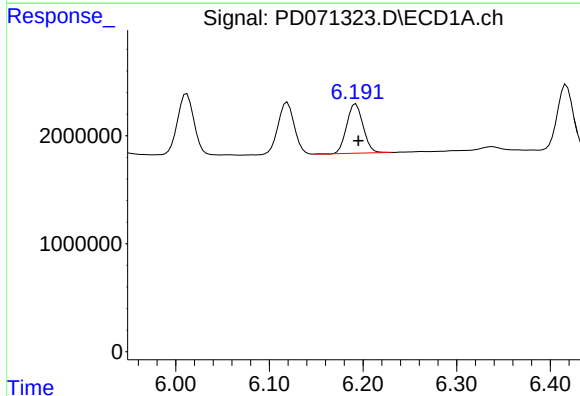
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 5837261
Conc: 1.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



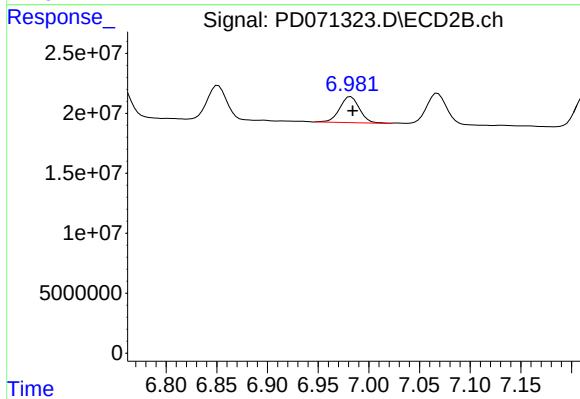
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 35498700
Conc: 2.72 ng/ml



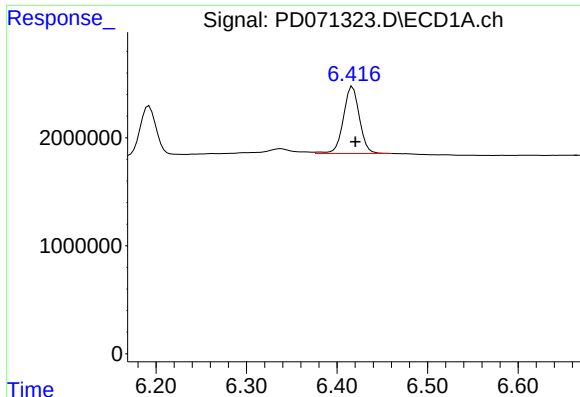
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 5550467
Conc: 2.52 ng/ml



#18 Endrin aldehyde

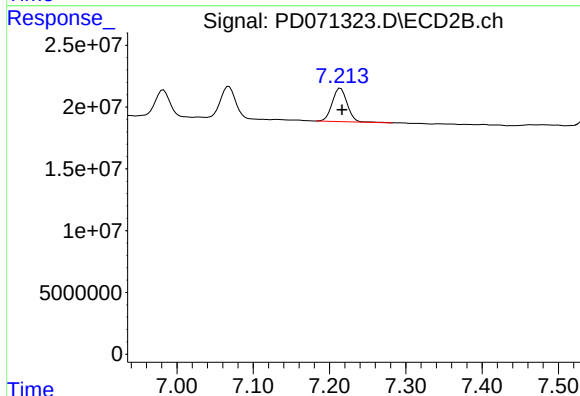
R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 29458863
Conc: 3.04 ng/ml



#19 Endosulfan Sulfate

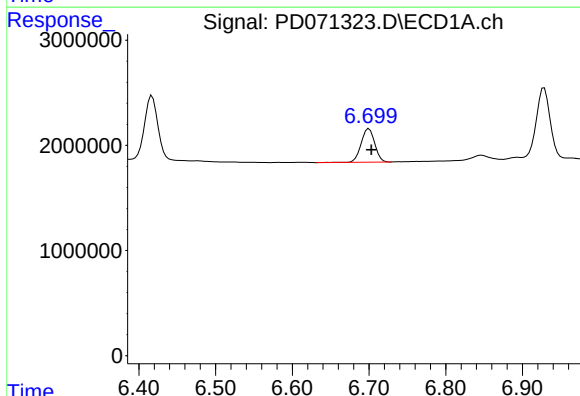
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 7660117
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



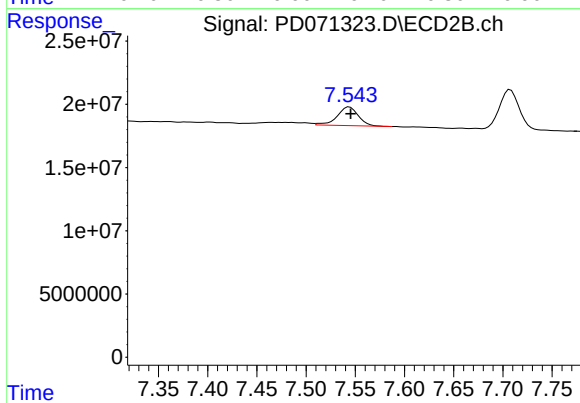
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.002 min
Response: 37155746
Conc: 3.12 ng/ml



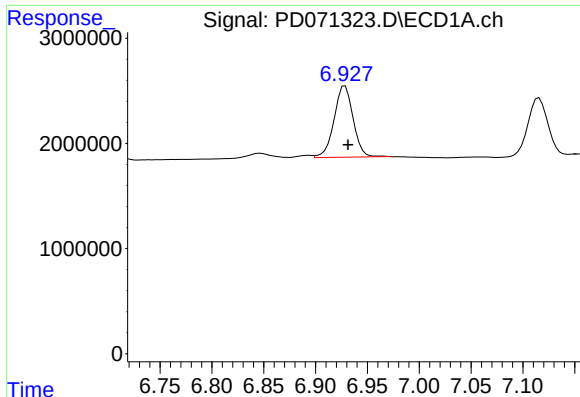
#20 Methoxychlor

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 3944397
Conc: 2.39 ng/ml



#20 Methoxychlor

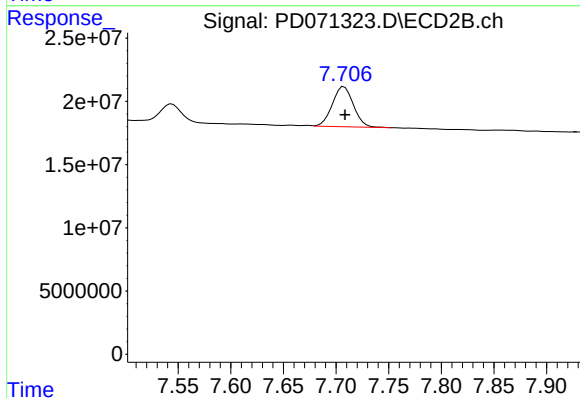
R.T.: 7.544 min
Delta R.T.: -0.001 min
Response: 21598324
Conc: 3.13 ng/ml



#21 Endrin ketone

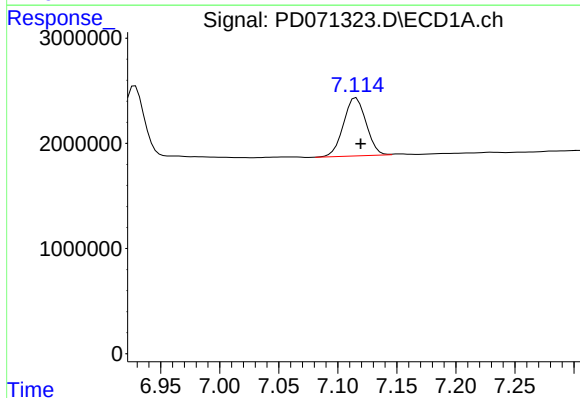
R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 8692799
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



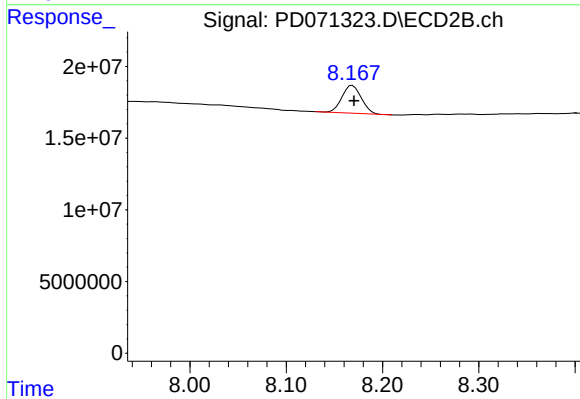
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 44069322
Conc: 3.28 ng/ml



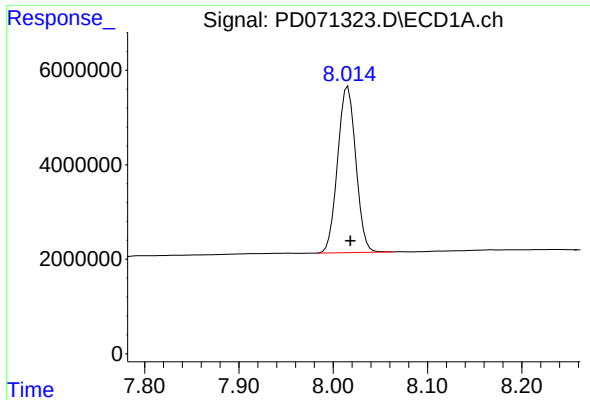
#22 Mirex

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 7372449
Conc: 3.01 ng/ml



#22 Mirex

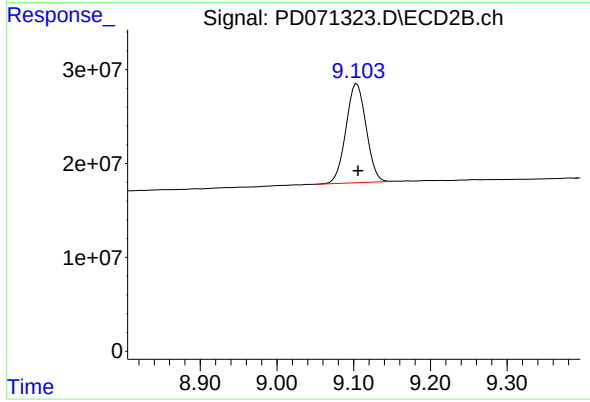
R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 26813230
Conc: 3.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 47075174
Conc: 16.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



#28 Decachlorobiphenyl

R.T.: 9.104 min
Delta R.T.: -0.002 min
Response: 194089529
Conc: 18.75 ng/ml