

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 10:39
 Operator : AR\AJ
 Sample : N1645-01
 Misc : PEST IOD 2.5PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:43:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.448	4.175	24957557	206.3E6	20.555	21.583
2)	SA Decachlor...	8.207	9.372	26931283	125.6E6	21.317	22.159
Target Compounds							
2)	A alpha-BHC	3.888	4.571	4660686	42894219	2.574	3.117
3)	MA gamma-BHC...	4.171	4.862	4290120	40258068	2.569	3.220 #
4)	MA Heptachlor	4.470	5.389	4560066	39290189	2.768	3.306
5)	MB Aldrin	4.717	5.702	4533025	40456186	2.836	3.524
6)	B beta-BHC	4.421	5.025	2232552	17060394	2.998	3.108
7)	B delta-BHC	4.625	5.250	4266910	39996931	2.611	3.326 #
8)	B Heptachlo...	5.161	6.090	4370530	37145311	2.922	3.557
9)	A Endosulfan I	5.500	6.453	4051297	32329463	2.895	3.447
10)	B gamma-Chl...	5.387	6.327	4468817	35393897	2.946	3.434
11)	B alpha-Chl...	5.446	6.402	4449662	34927453	2.977	3.508
12)	B 4,4'-DDE	5.612	6.552	3735508	31284265	2.731	3.376
13)	MA Dieldrin	5.744	6.712	4272597	33307279	2.926	3.429
14)	MA Endrin	6.001	6.932	3714850	25025134	2.820	3.234
15)	B Endosulfa...	6.275	7.137	3959024	28037429	3.176	3.709
16)	A 4,4'-DDD	6.129	7.042	3356115	25148326	2.846	3.405
17)	MA 4,4'-DDT	6.370	7.346	2780317	21592124	2.313	2.939 #
18)	B Endrin al...	6.445	7.260	3501456	23898717	3.527	3.949
19)	B Endosulfa...	6.658	7.486	4030214	25374467	3.152	3.450
20)	A Methoxychlor	6.921	7.798	1877627	11106382	2.709	3.047
21)	B Endrin ke...	7.151	7.961	4520036	28028878	3.070	3.617
22)	Mirex	7.335	8.427	4023204	19714663	3.395	3.597

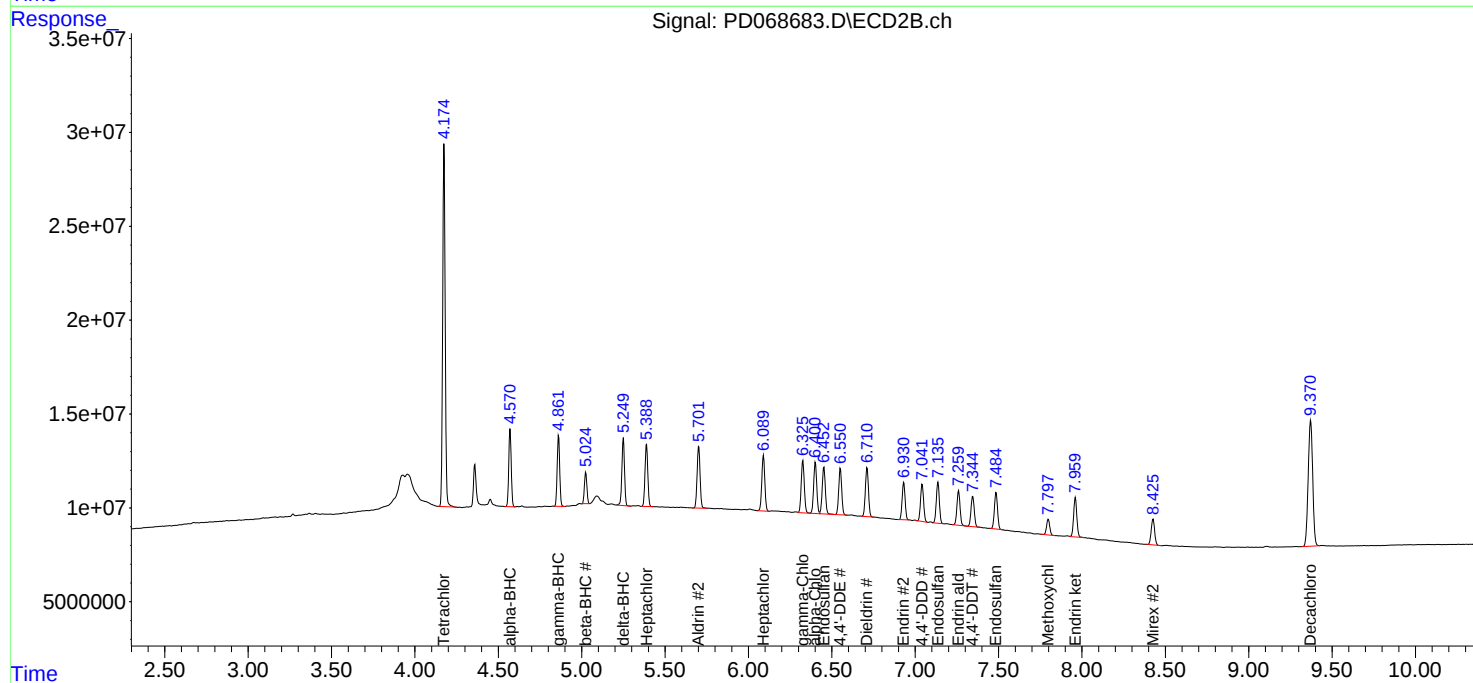
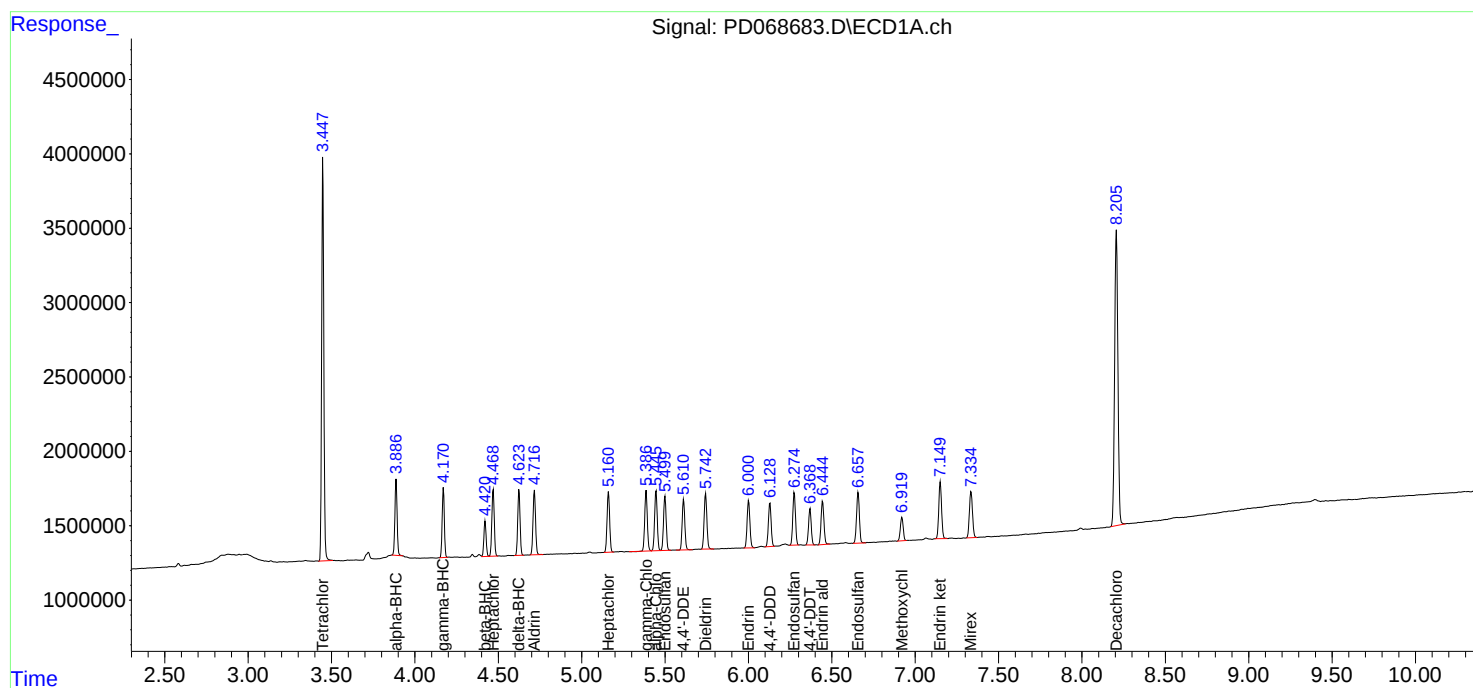
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

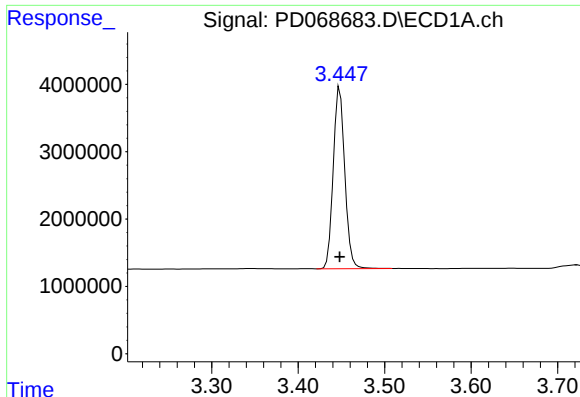
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 10:39
Operator : AR\AJ
Sample : N1645-01
Misc : PEST IOD 2.5PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:43:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 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

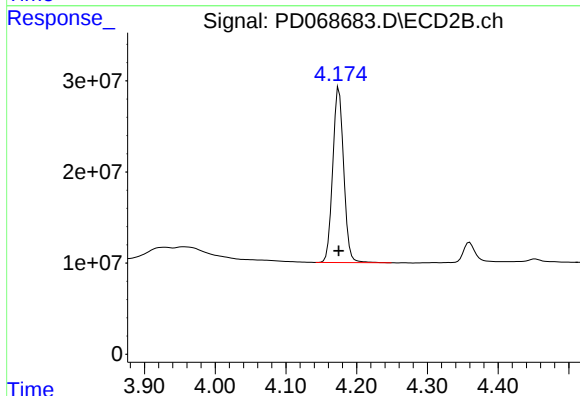




#1 Tetrachloro-m-xylene

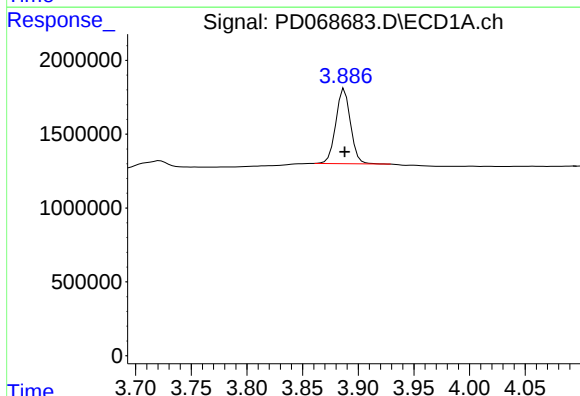
R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 24957557
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



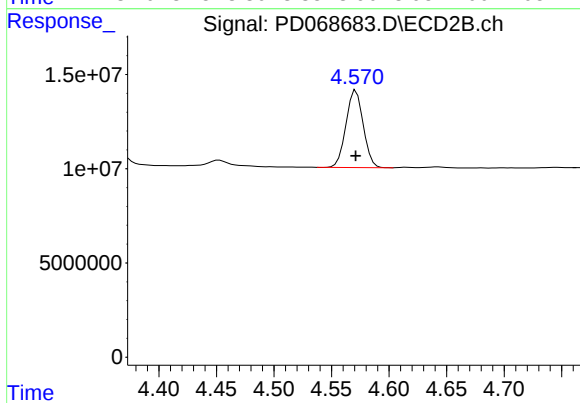
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 206347333
Conc: 21.58 ng/ml



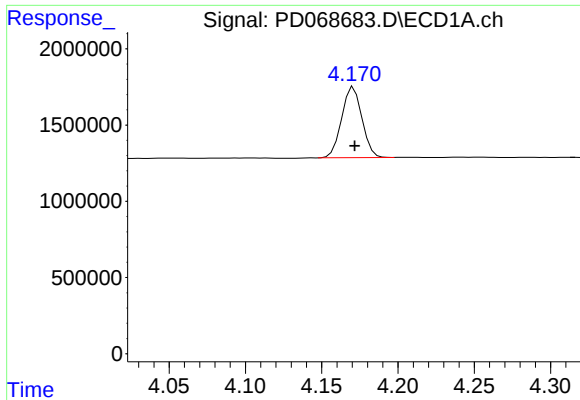
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 4660686
Conc: 2.57 ng/ml



#2 alpha-BHC

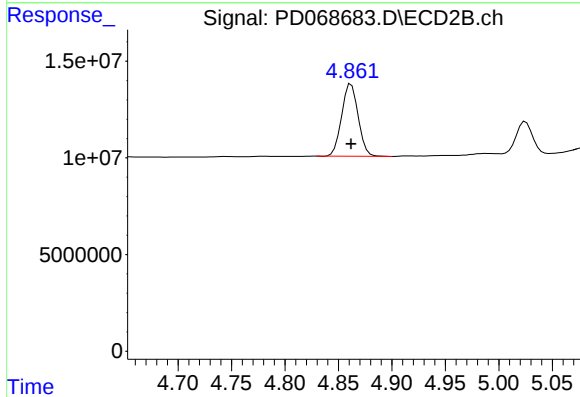
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 42894219
Conc: 3.12 ng/ml



#3 gamma-BHC (Lindane)

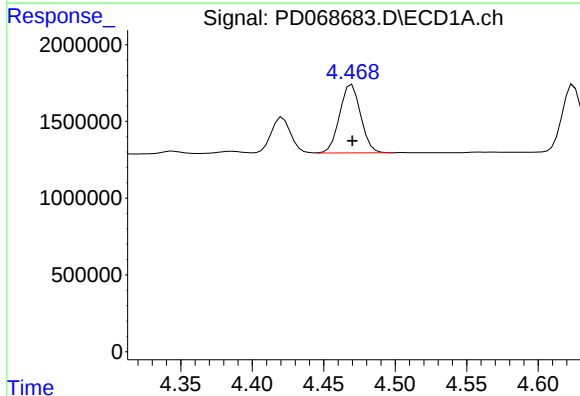
R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 4290120
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



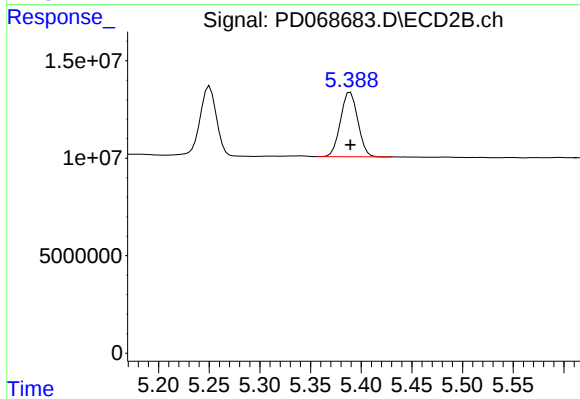
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 40258068
Conc: 3.22 ng/ml



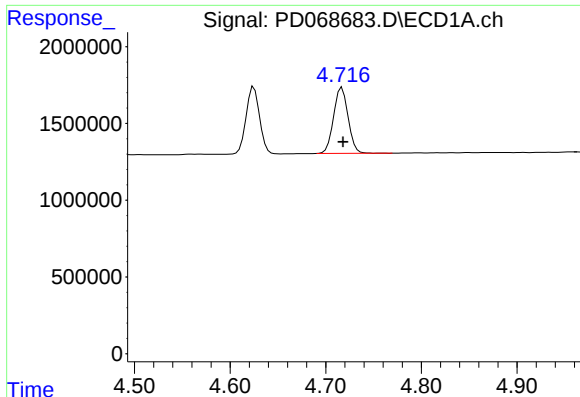
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 4560066
Conc: 2.77 ng/ml



#4 Heptachlor

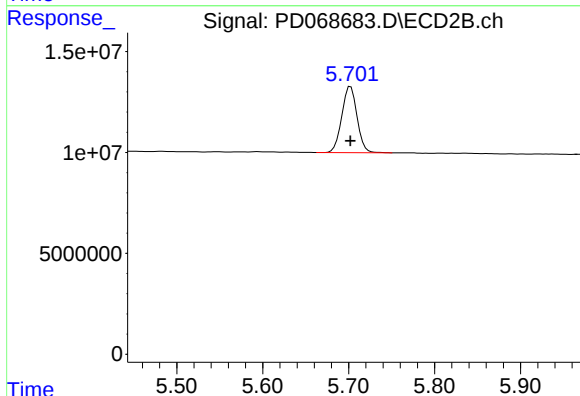
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 39290189
Conc: 3.31 ng/ml



#5 Aldrin

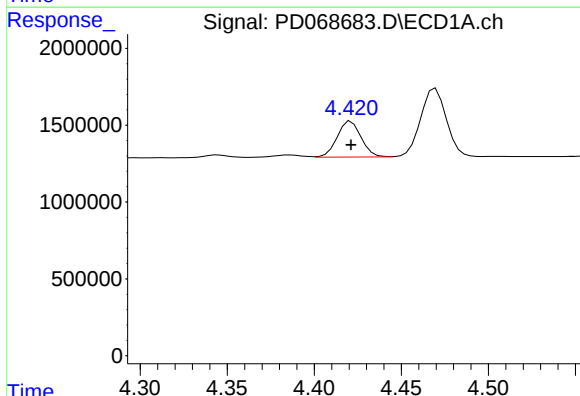
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 4533025
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



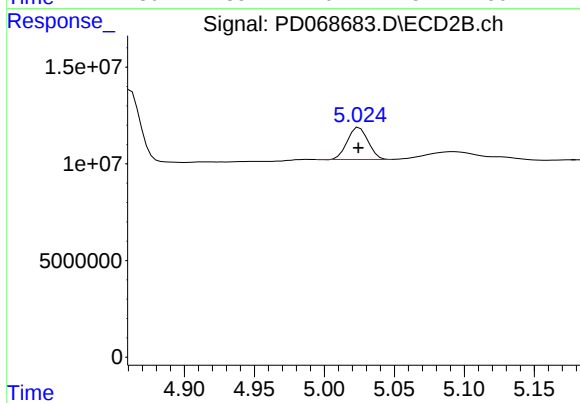
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 40456186
Conc: 3.52 ng/ml



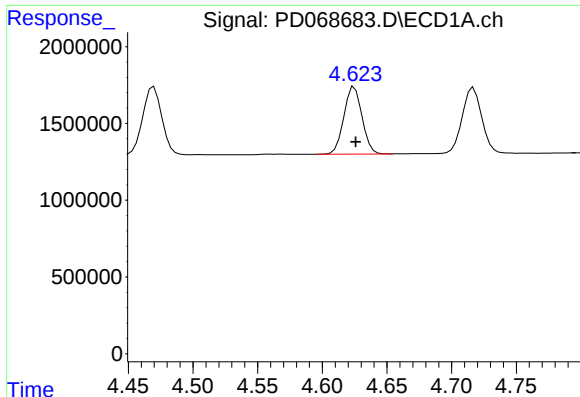
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 2232552
Conc: 3.00 ng/ml



#6 beta-BHC

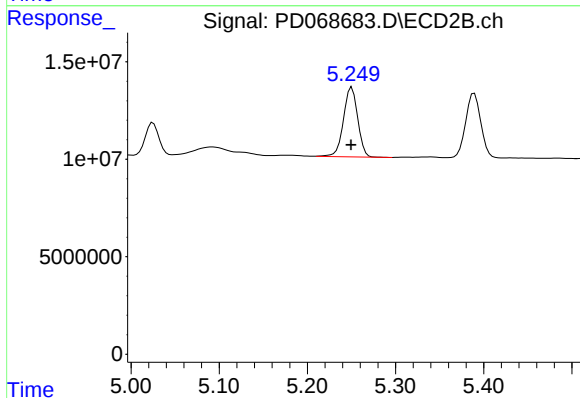
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 17060394
Conc: 3.11 ng/ml



#7 delta-BHC

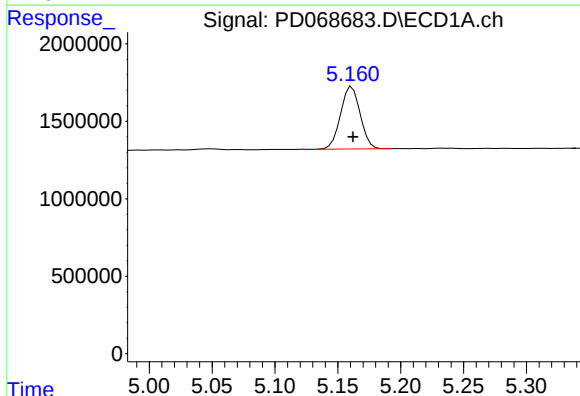
R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 4266910
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



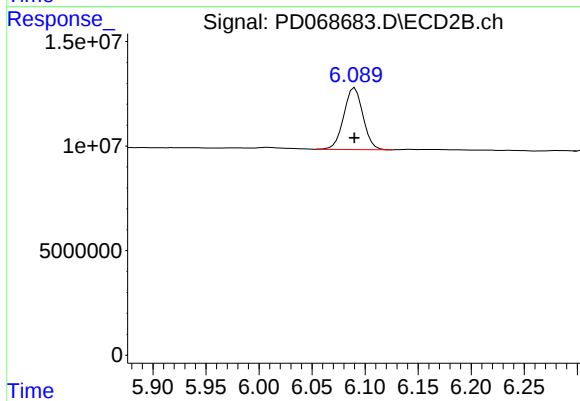
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 39996931
Conc: 3.33 ng/ml



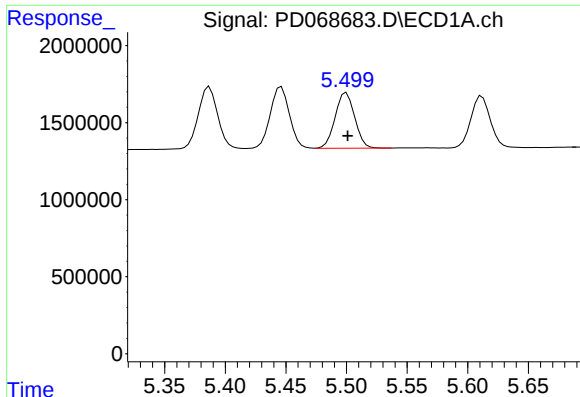
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 4370530
Conc: 2.92 ng/ml



#8 Heptachlor epoxide

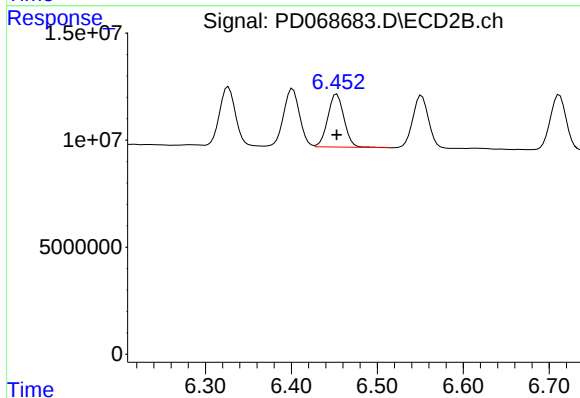
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 37145311
Conc: 3.56 ng/ml



#9 Endosulfan I

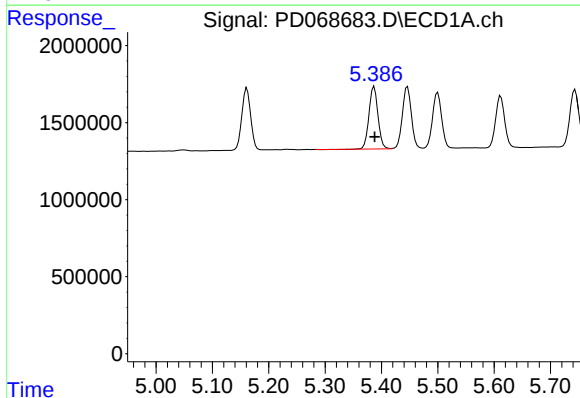
R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 4051297
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



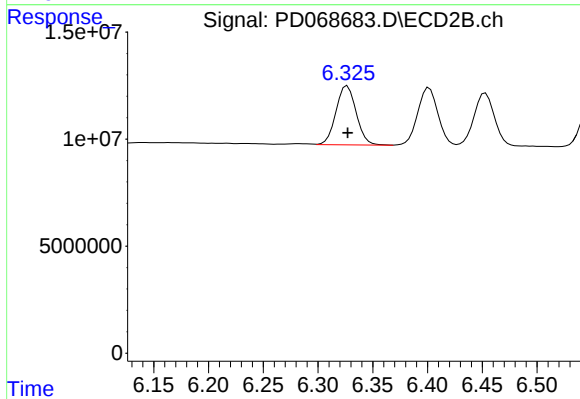
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 32329463
Conc: 3.45 ng/ml



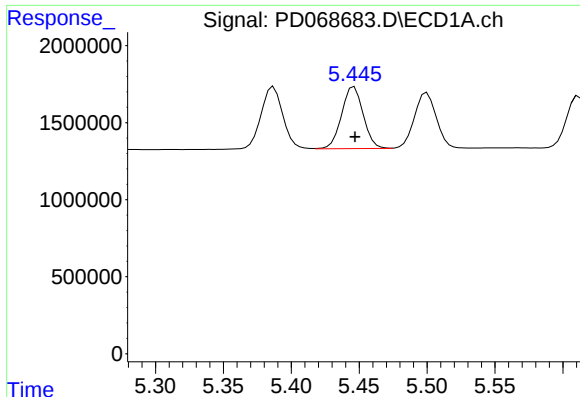
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 4468817
Conc: 2.95 ng/ml



#10 gamma-Chlordane

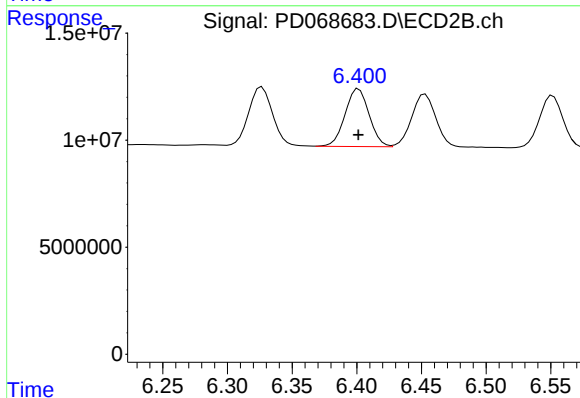
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 35393897
Conc: 3.43 ng/ml



#11 alpha-Chlordane

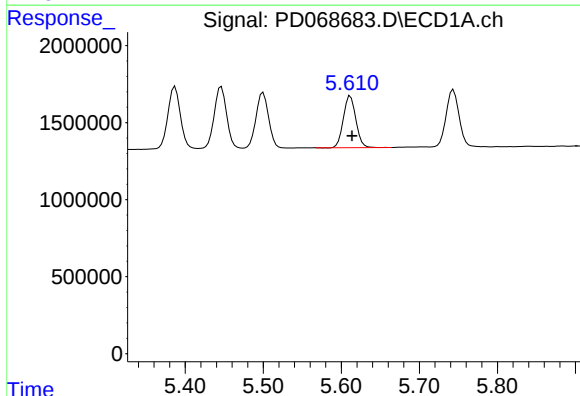
R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 4449662
Conc: 2.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



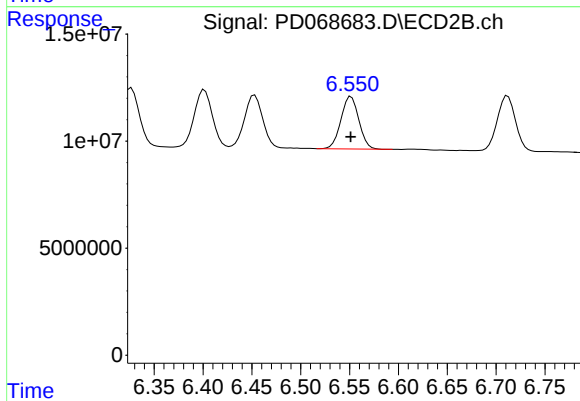
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 34927453
Conc: 3.51 ng/ml



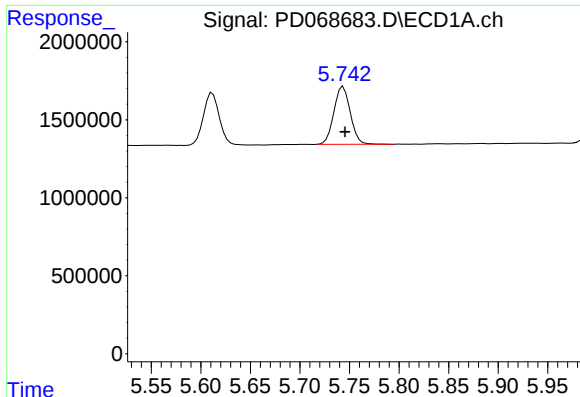
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 3735508
Conc: 2.73 ng/ml



#12 4,4'-DDE

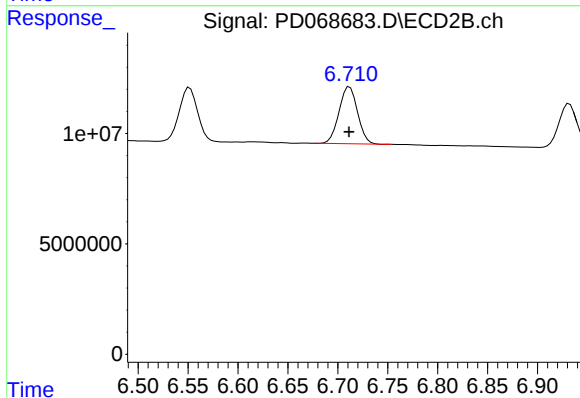
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 31284265
Conc: 3.38 ng/ml



#13 Dieldrin

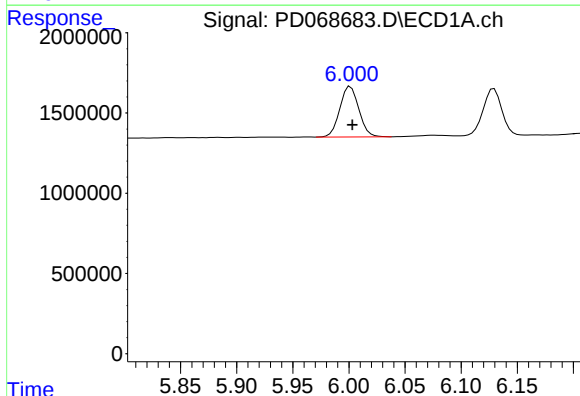
R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 4272597
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



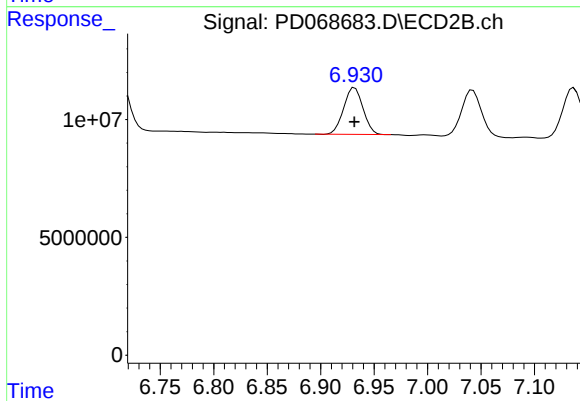
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 33307279
Conc: 3.43 ng/ml



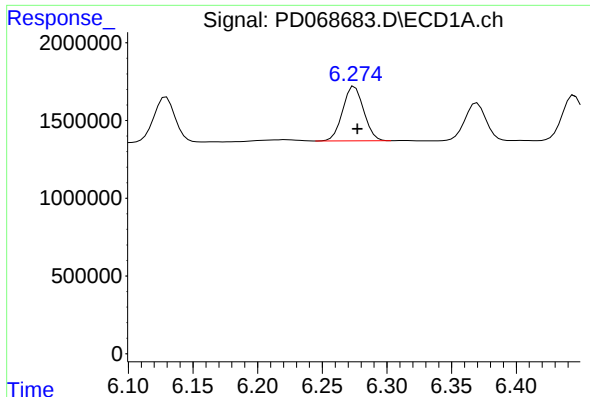
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 3714850
Conc: 2.82 ng/ml



#14 Endrin

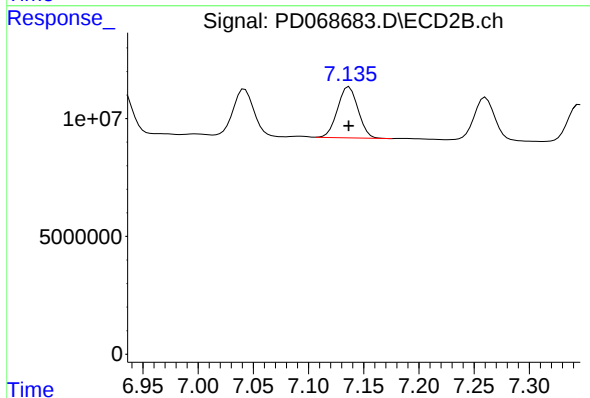
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 25025134
Conc: 3.23 ng/ml



#15 Endosulfan II

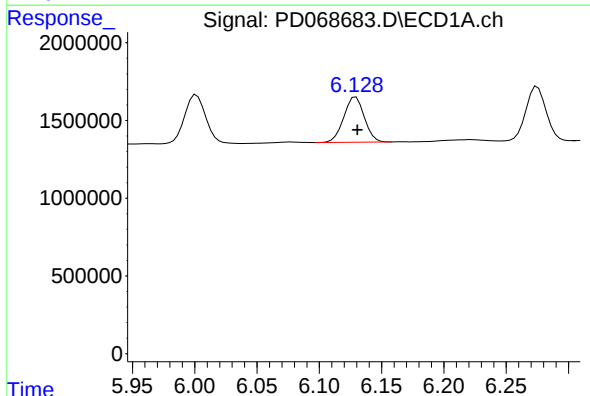
R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 3959024
Conc: 3.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



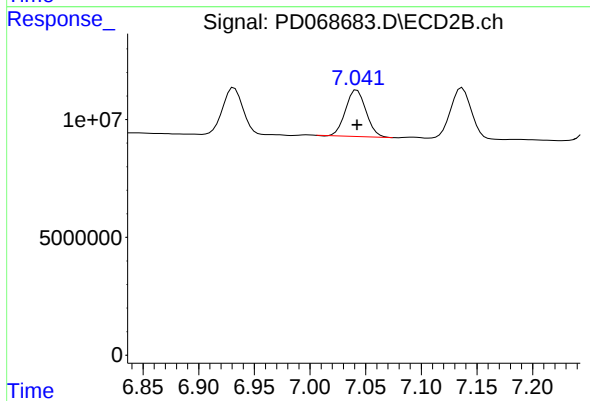
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 28037429
Conc: 3.71 ng/ml



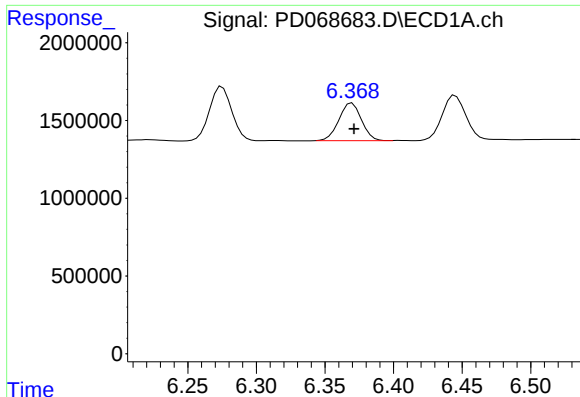
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 3356115
Conc: 2.85 ng/ml



#16 4,4'-DDD

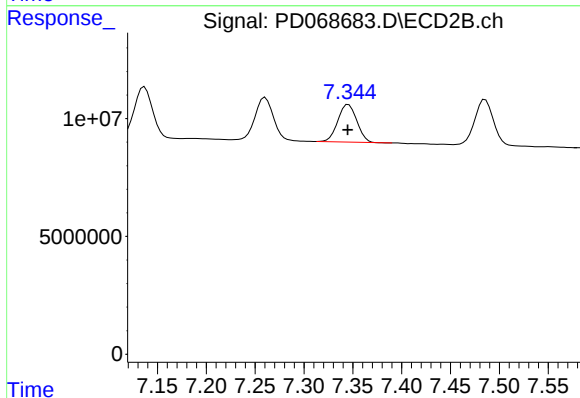
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 25148326
Conc: 3.41 ng/ml



#17 4,4'-DDT

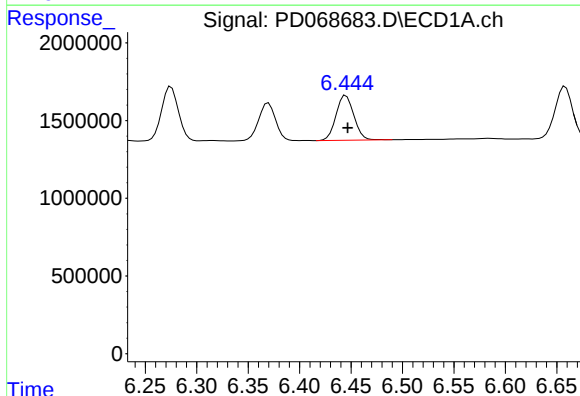
R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 2780317
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



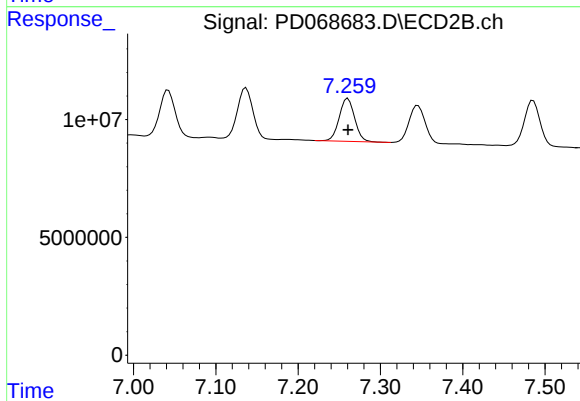
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 21592124
Conc: 2.94 ng/ml



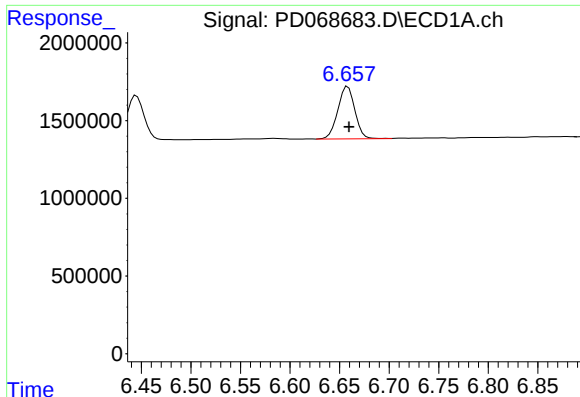
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 3501456
Conc: 3.53 ng/ml



#18 Endrin aldehyde

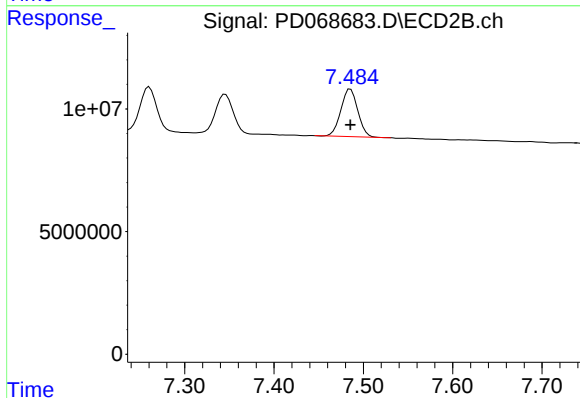
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 23898717
Conc: 3.95 ng/ml



#19 Endosulfan Sulfate

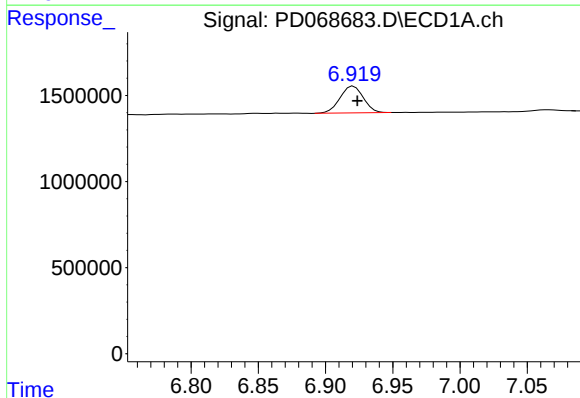
R.T.: 6.658 min
Delta R.T.: -0.001 min
Response: 4030214
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



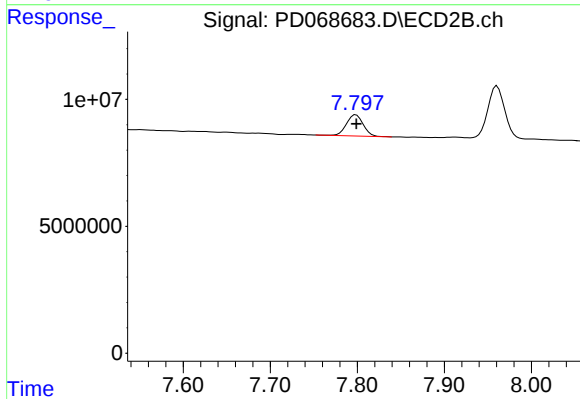
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 25374467
Conc: 3.45 ng/ml



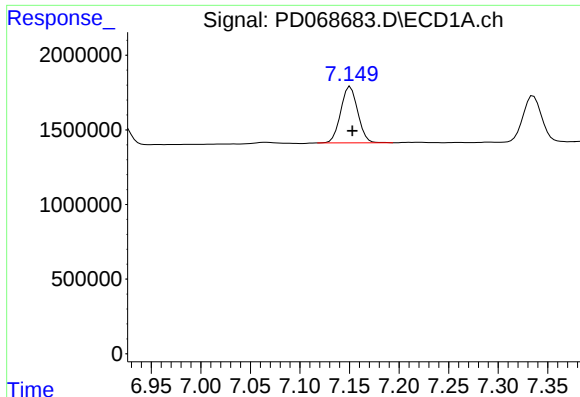
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 1877627
Conc: 2.71 ng/ml



#20 Methoxychlor

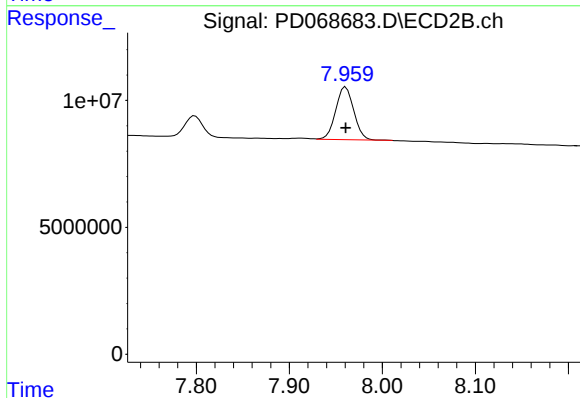
R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 11106382
Conc: 3.05 ng/ml



#21 Endrin ketone

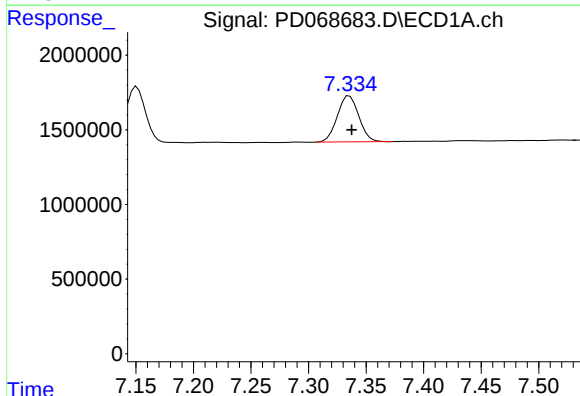
R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 4520036
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



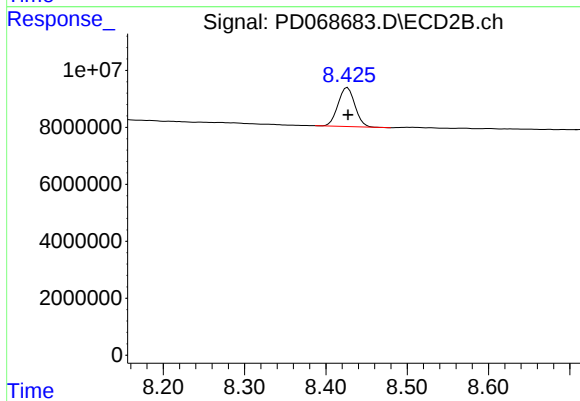
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 28028878
Conc: 3.62 ng/ml



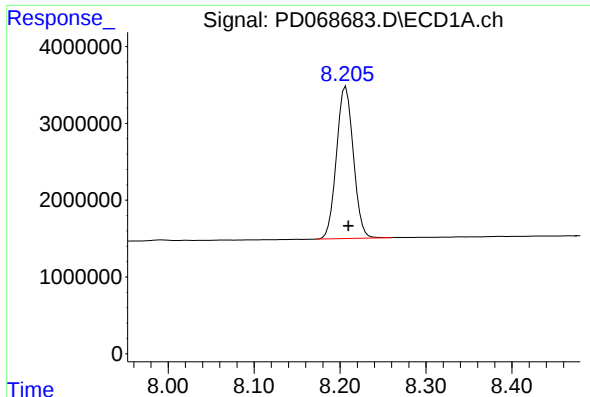
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 4023204
Conc: 3.39 ng/ml



#22 Mirex

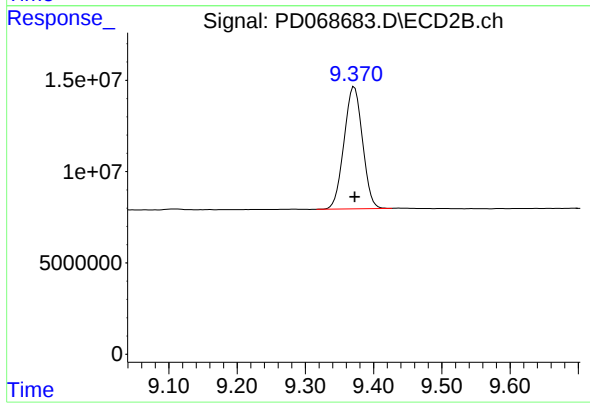
R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 19714663
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 26931283
Conc: 21.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 125569056
Conc: 22.16 ng/ml