

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041123\
 Data File : PD074654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 10:47
 Operator : AR\AJ
 Sample : 02213-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 22:15:06 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	45839095	24723460	19.651	20.315
28)	SA Decachlor...	9.096	7.923	61465169	27563360	22.981	22.465
Target Compounds							
2)	A alpha-BHC	4.006	3.273	3158084	1668375	0.814	0.898
3)	MA gamma-BHC...	4.339	3.603	3706650	1767029	1.057	1.031
4)	MA Heptachlor	4.932	3.945	4053327	1719702	1.183	1.008
5)	MB Aldrin	5.275	4.225	4047407	1774150	1.202	1.052
6)	B beta-BHC	4.535	3.899	2274610	922085	1.539	1.221
7)	B delta-BHC	4.782	4.130	7230237	1650528	2.635	0.970 #
8)	B Heptachlo...	5.701	4.728	4176225	1677262	1.485m	1.093 #
9)	A Endosulfan I	6.089	5.099	3619462	1551358	1.273	1.078
10)	B gamma-Chl...	5.959	4.979	3759105	1736692	1.253	1.119
11)	B alpha-Chl...	6.039	5.043	3849715	1765767	1.276	1.147
12)	B 4,4'-DDE	6.211	5.233	3196943	1410642	1.159	1.000
13)	MA Dieldrin	6.365	5.364	3635941	1604784	1.233	1.067
14)	MA Endrin	6.596	5.640	2872897	1455672	1.156	1.114
15)	B Endosulfa...	6.813	5.934	3602739	1491393	1.399m	1.185
16)	A 4,4'-DDD	6.728	5.788	2661434	1259710	1.186	1.079
17)	MA 4,4'-DDT	7.043	6.040	2812858	1107202	1.103	0.902
18)	B Endrin al...	6.945	6.114	3003716	1327759	1.503	1.307
19)	B Endosulfa...	7.180	6.336	3494704	1523315	1.415	1.248
20)	A Methoxychlor	7.520	6.616	1931632	773371	1.381	1.143
21)	B Endrin ke...	7.665	6.843	3648237	1786053	1.311m	1.211
22)	Mirex	8.143	7.027	3317108	1489418	1.562	1.311

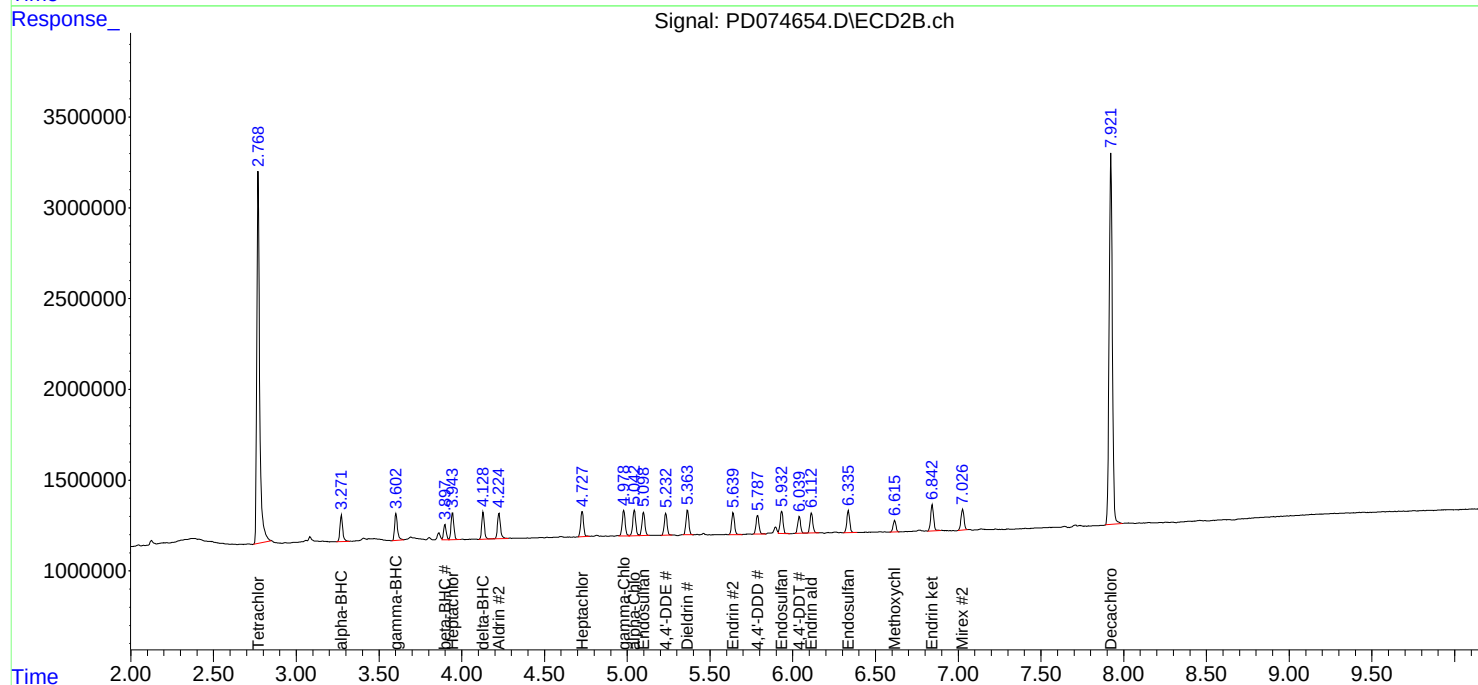
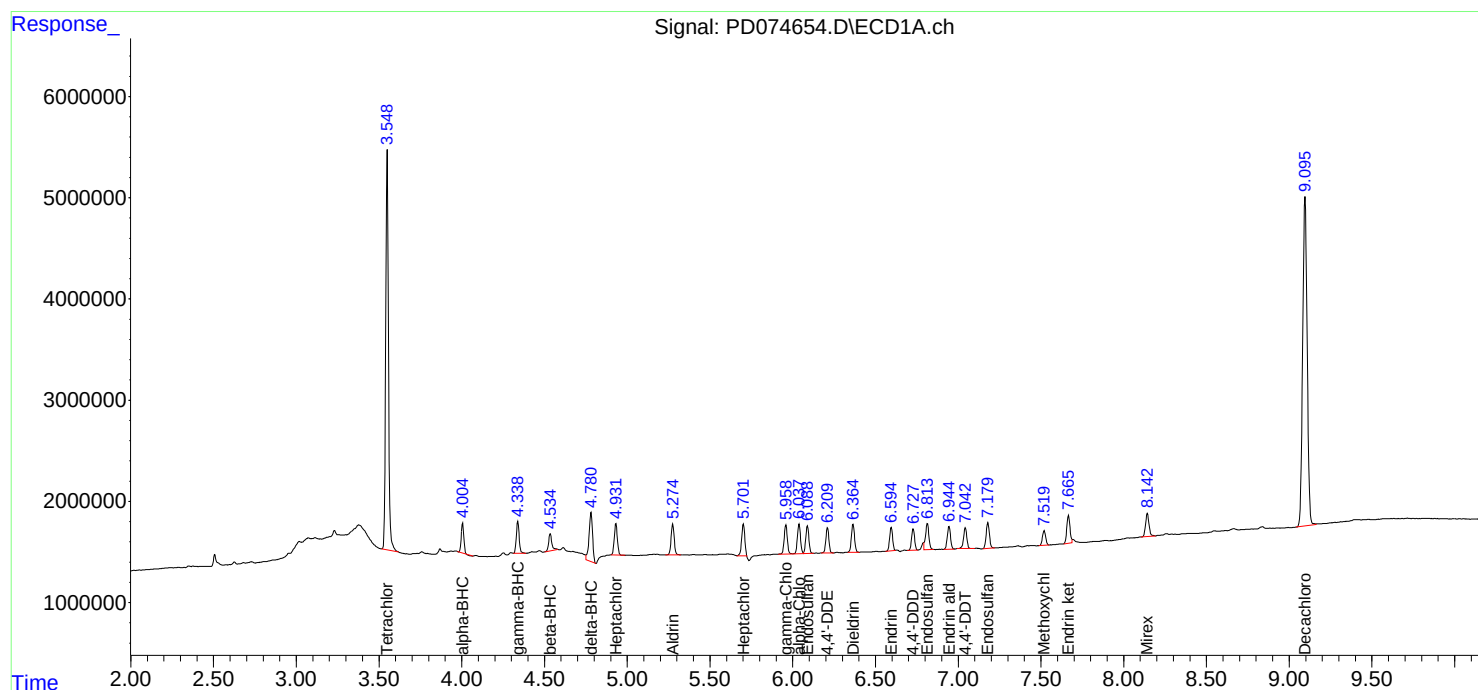
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

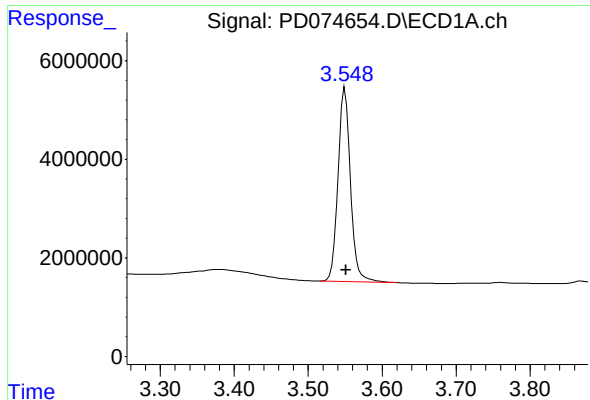
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041123\
Data File : PD074654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2023 10:47
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Integration File signal 1: autoint1.e
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Quant Time: Apr 11 22:15:06 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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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

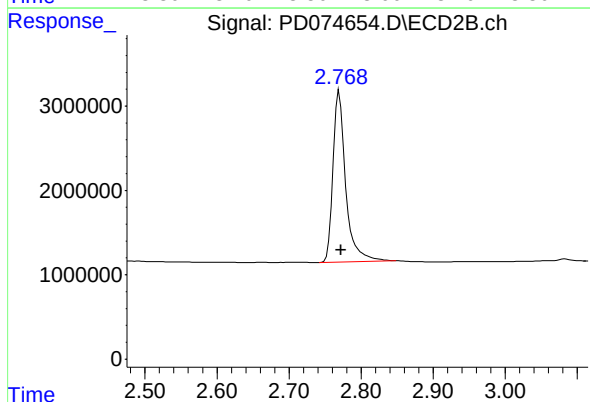




#1 Tetrachloro-m-xylene

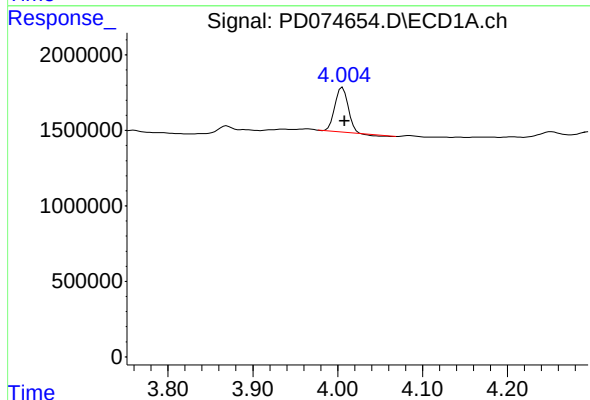
R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 45839095
Conc: 19.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



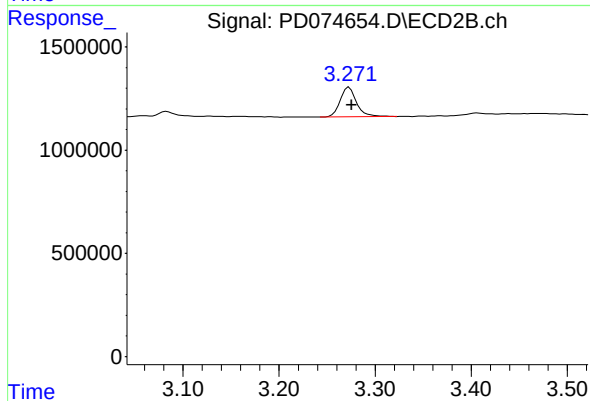
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 24723460
Conc: 20.32 ng/ml



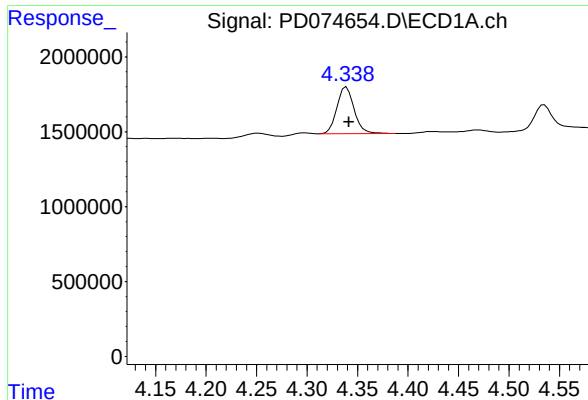
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 3158084
Conc: 0.81 ng/ml



#2 alpha-BHC

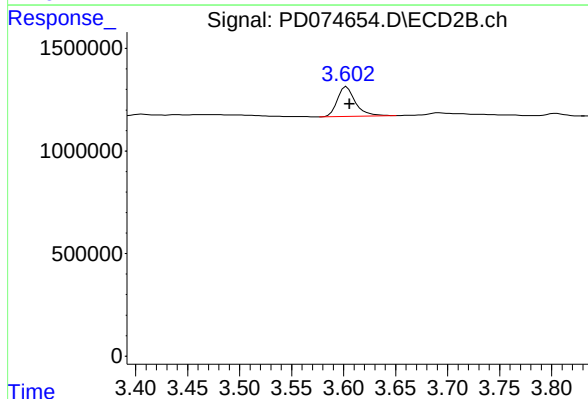
R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 1668375
Conc: 0.90 ng/ml



#3 gamma-BHC (Lindane)

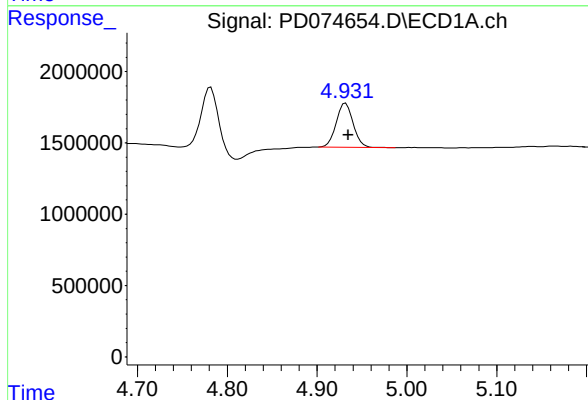
R.T.: 4.339 min
Delta R.T.: -0.002 min
Response: 3706650
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



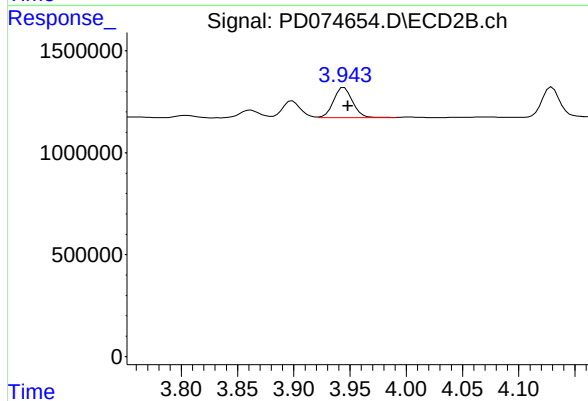
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 1767029
Conc: 1.03 ng/ml



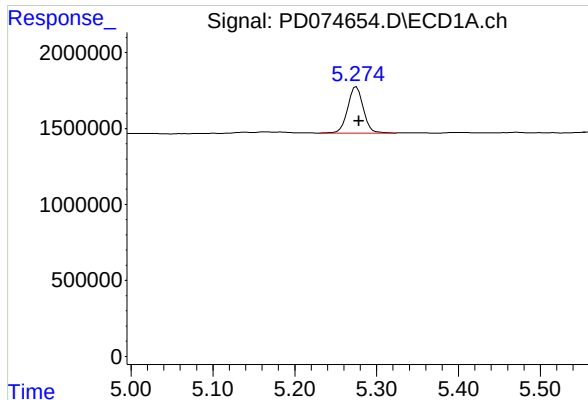
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 4053327
Conc: 1.18 ng/ml



#4 Heptachlor

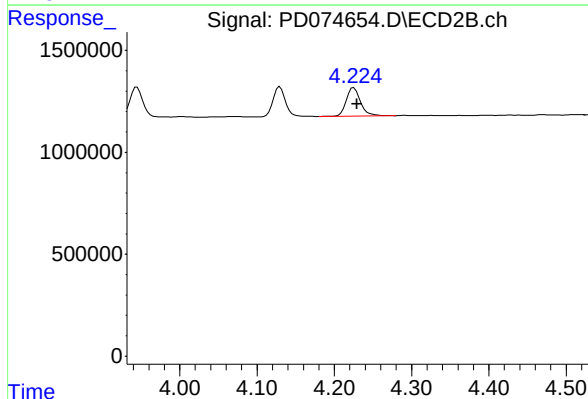
R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 1719702
Conc: 1.01 ng/ml



#5 Aldrin

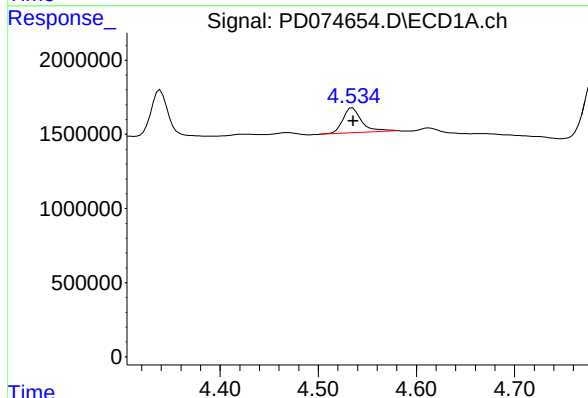
R.T.: 5.275 min
Delta R.T.: -0.003 min
Response: 4047407
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



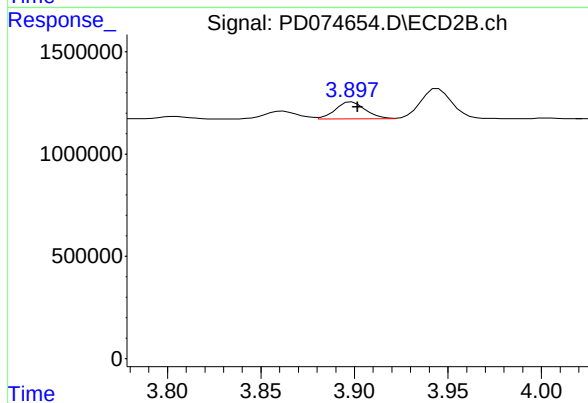
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 1774150
Conc: 1.05 ng/ml



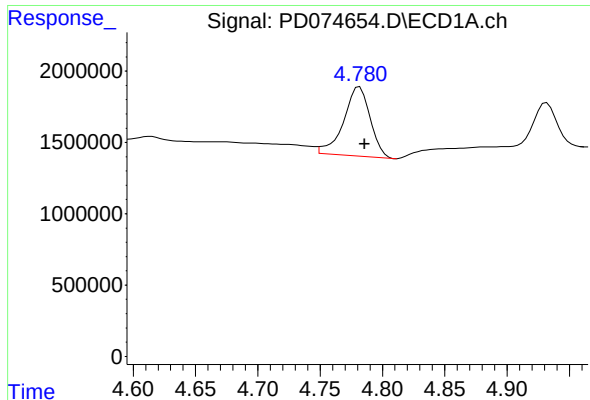
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 2274610
Conc: 1.54 ng/ml



#6 beta-BHC

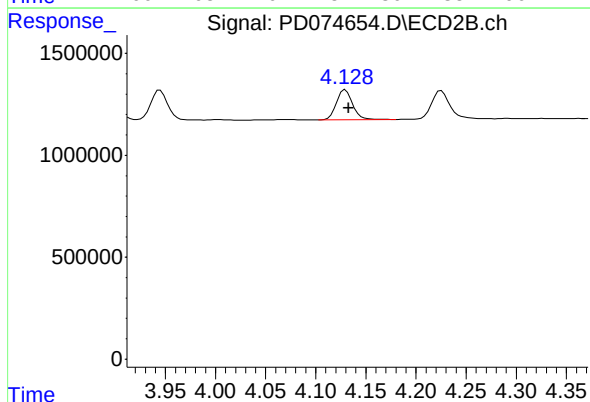
R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 922085
Conc: 1.22 ng/ml



#7 delta-BHC

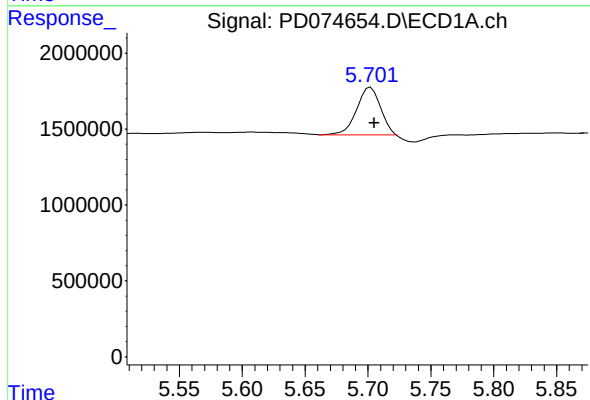
R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 7230237
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



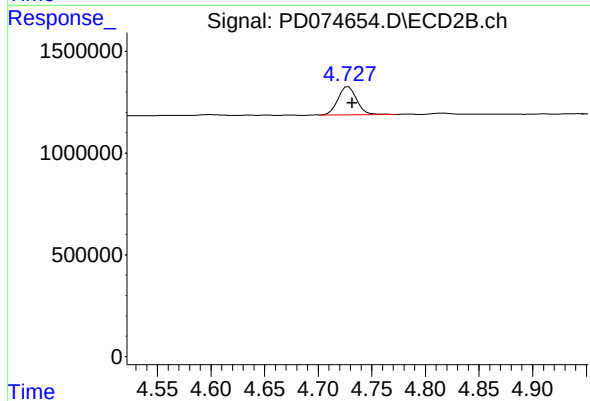
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 1650528
Conc: 0.97 ng/ml



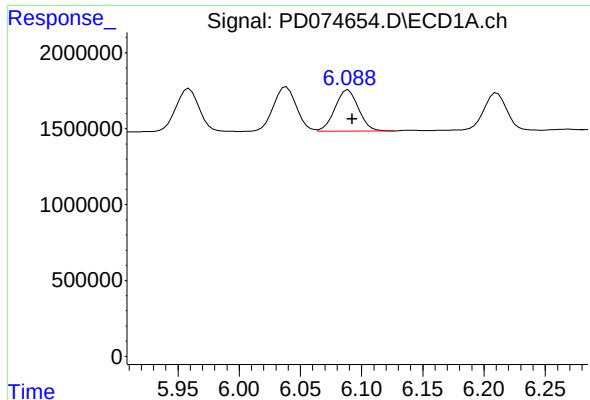
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: -0.004 min
Response: 4176225
Conc: 1.48 ng/ml m



#8 Heptachlor epoxide

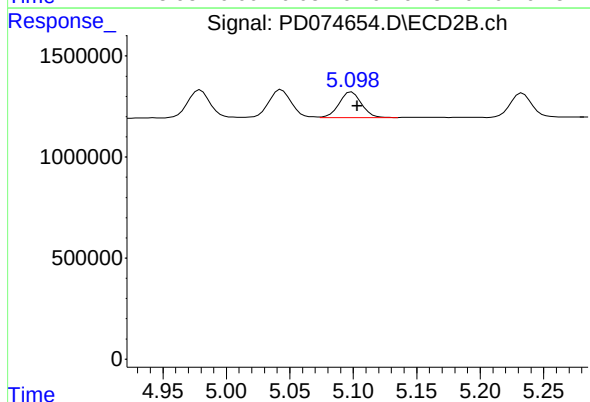
R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 1677262
Conc: 1.09 ng/ml



#9 Endosulfan I

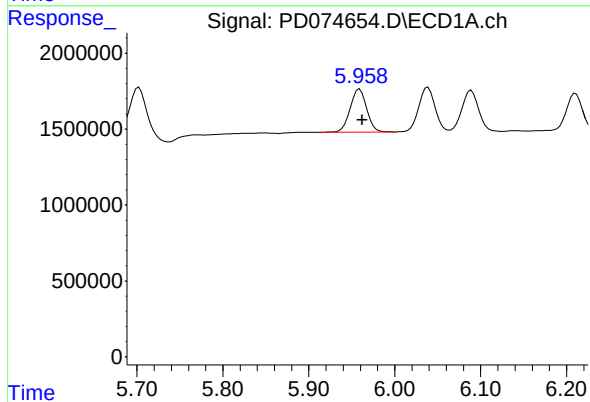
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 3619462
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



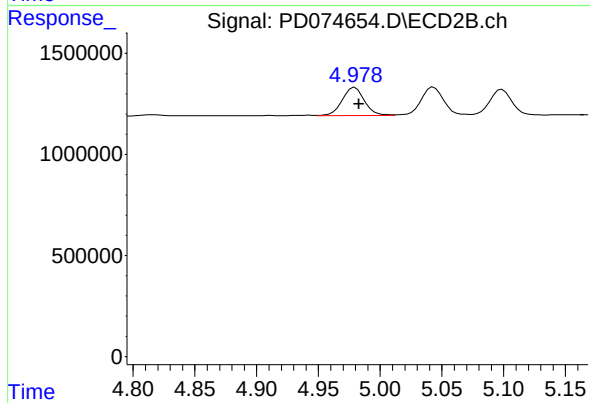
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 1551358
Conc: 1.08 ng/ml



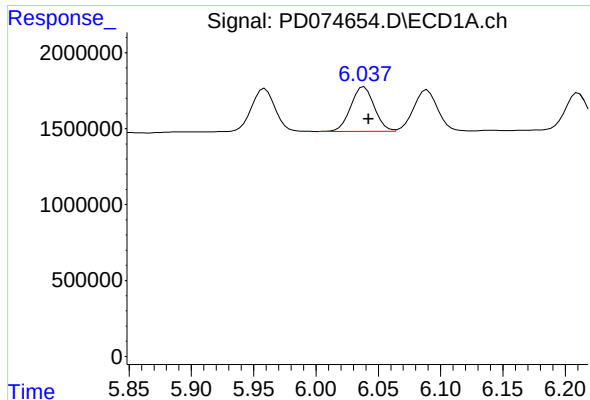
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 3759105
Conc: 1.25 ng/ml



#10 gamma-Chlordane

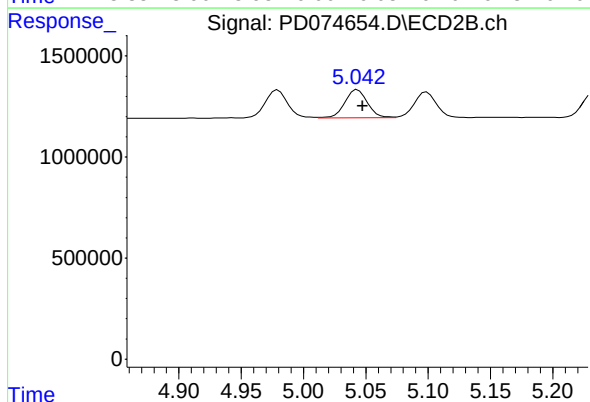
R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 1736692
Conc: 1.12 ng/ml



#11 alpha-Chlordane

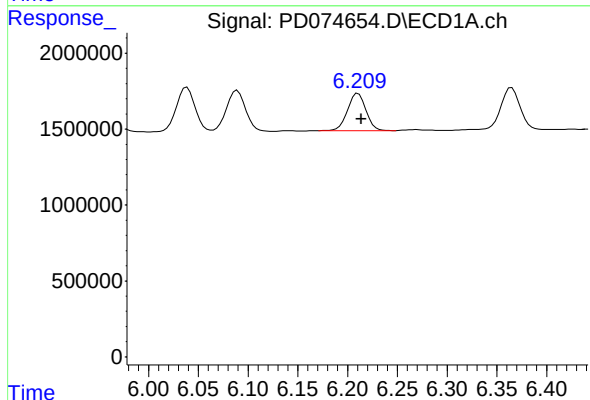
R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 3849715
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



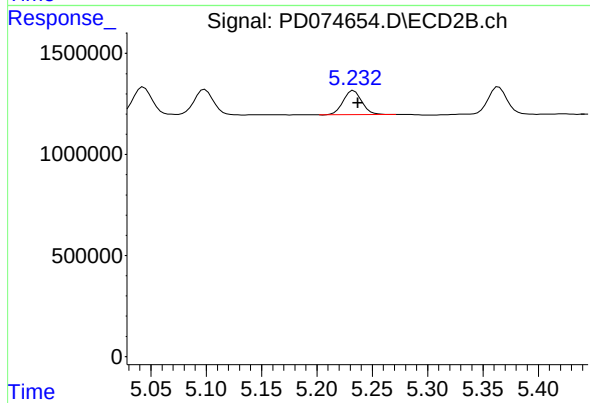
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 1765767
Conc: 1.15 ng/ml



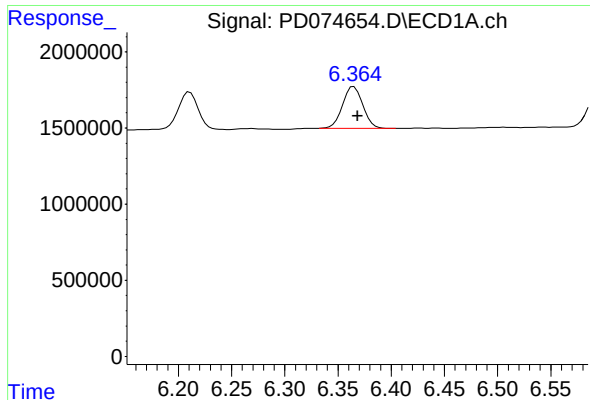
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 3196943
Conc: 1.16 ng/ml



#12 4,4'-DDE

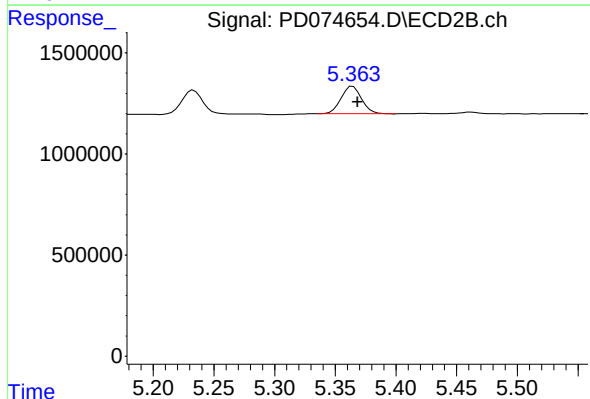
R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 1410642
Conc: 1.00 ng/ml



#13 Dieldrin

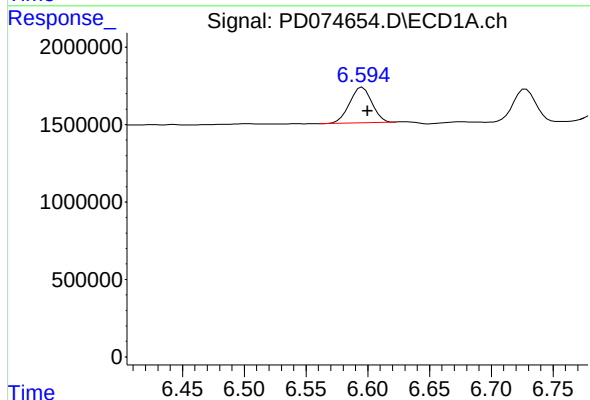
R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 3635941
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



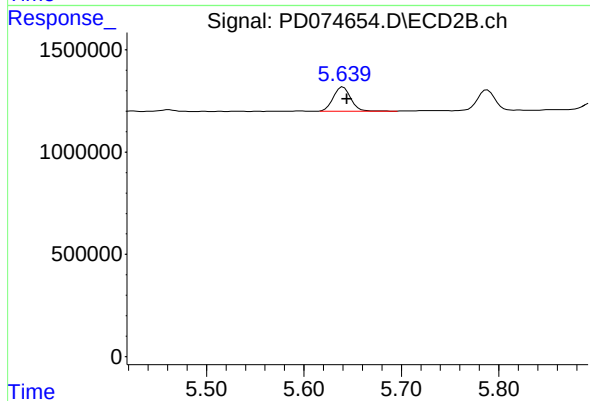
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.004 min
Response: 1604784
Conc: 1.07 ng/ml



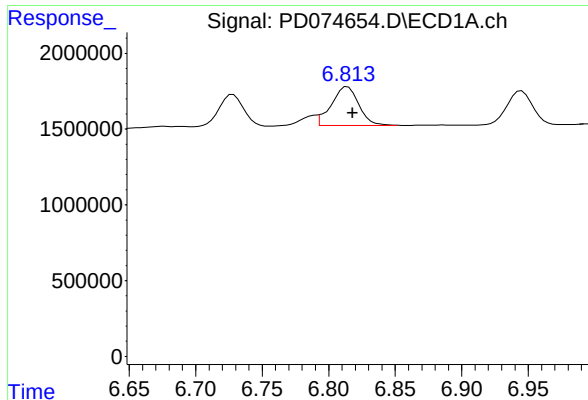
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.004 min
Response: 2872897
Conc: 1.16 ng/ml



#14 Endrin

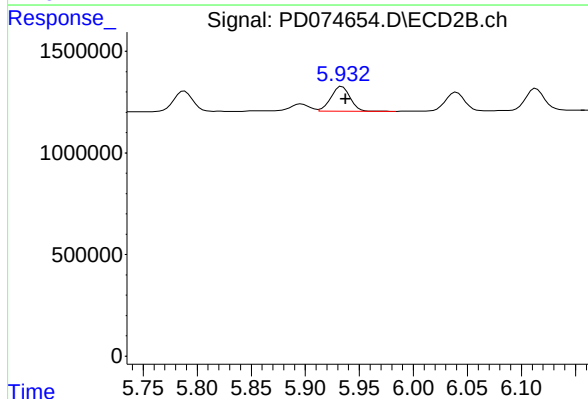
R.T.: 5.640 min
Delta R.T.: -0.004 min
Response: 1455672
Conc: 1.11 ng/ml



#15 Endosulfan II

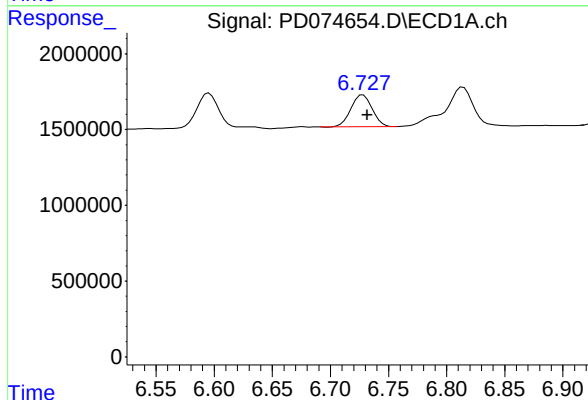
R.T.: 6.813 min
Delta R.T.: -0.005 min
Response: 3602739
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



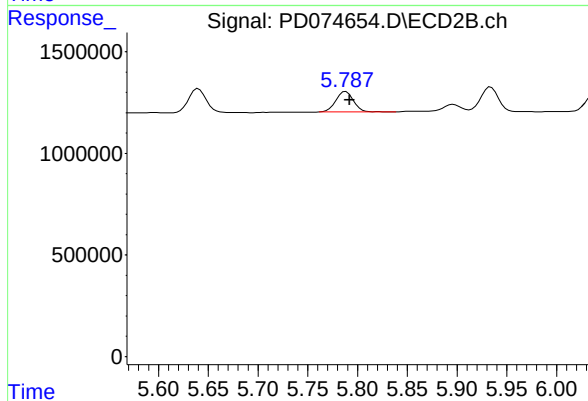
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 1491393
Conc: 1.19 ng/ml



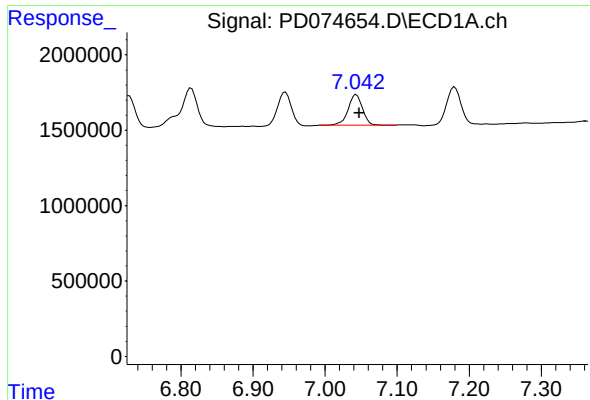
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 2661434
Conc: 1.19 ng/ml



#16 4,4'-DDD

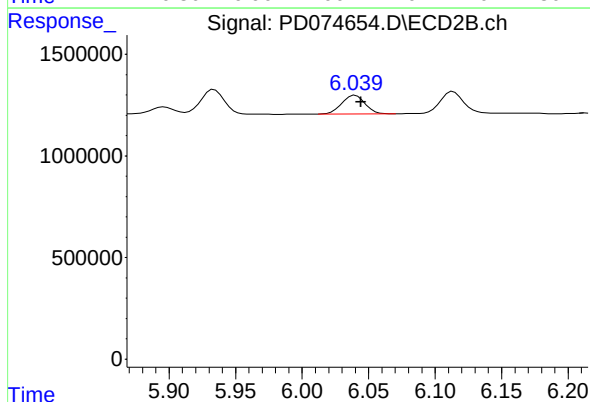
R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 1259710
Conc: 1.08 ng/ml



#17 4,4'-DDT

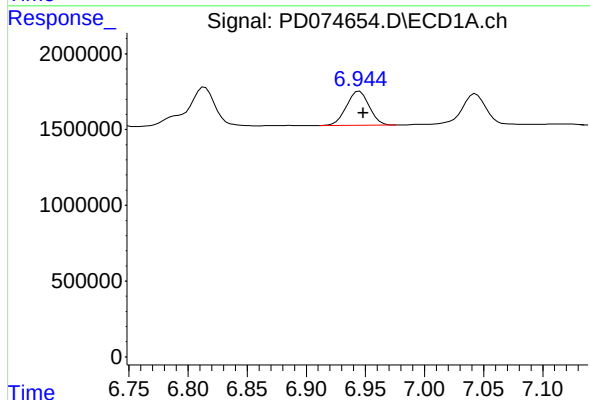
R.T.: 7.043 min
Delta R.T.: -0.005 min
Response: 2812858
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



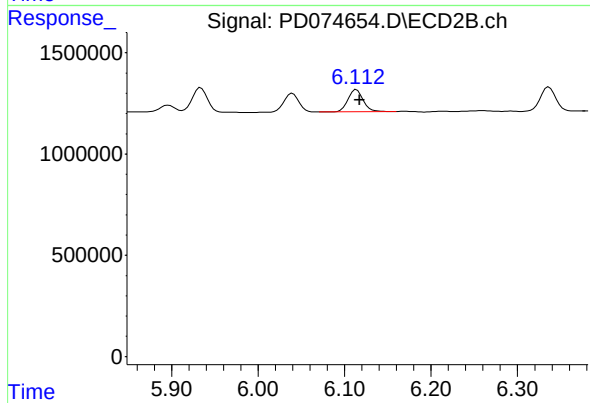
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 1107202
Conc: 0.90 ng/ml



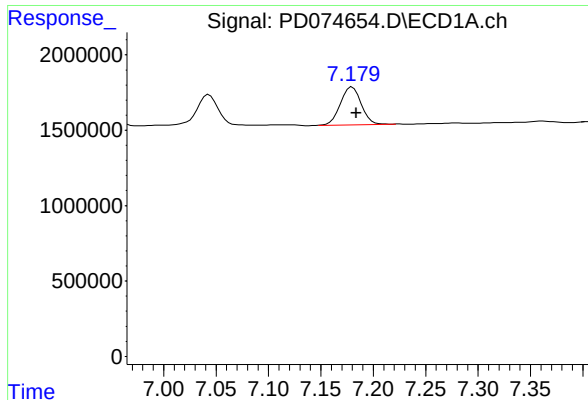
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 3003716
Conc: 1.50 ng/ml



#18 Endrin aldehyde

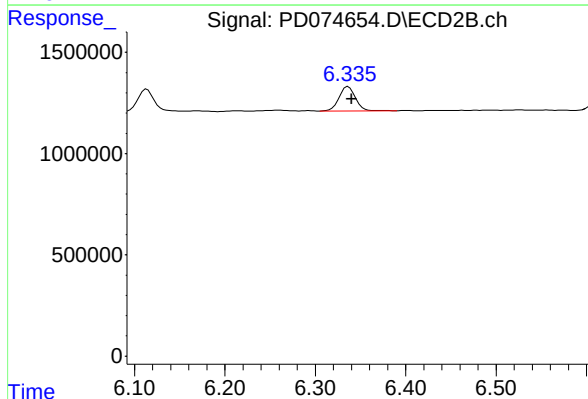
R.T.: 6.114 min
Delta R.T.: -0.004 min
Response: 1327759
Conc: 1.31 ng/ml



#19 Endosulfan Sulfate

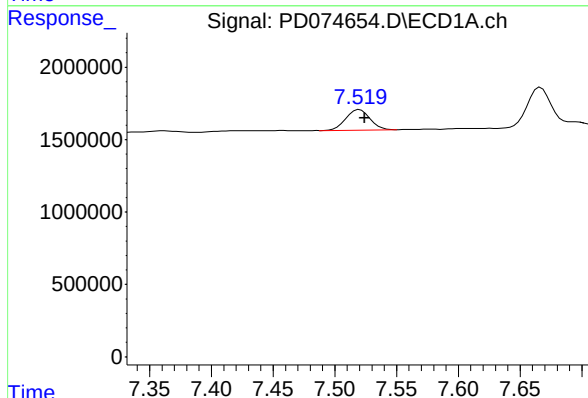
R.T.: 7.180 min
Delta R.T.: -0.004 min
Response: 3494704
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



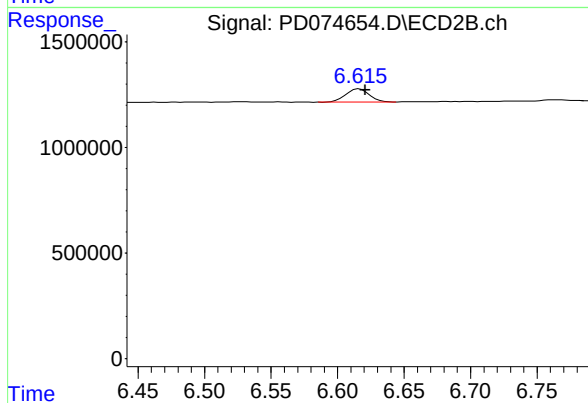
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.004 min
Response: 1523315
Conc: 1.25 ng/ml



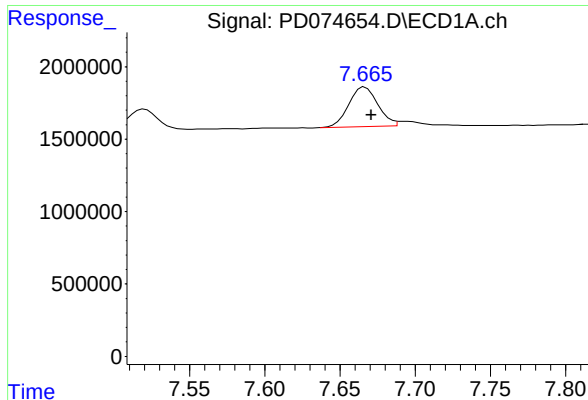
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 1931632
Conc: 1.38 ng/ml



#20 Methoxychlor

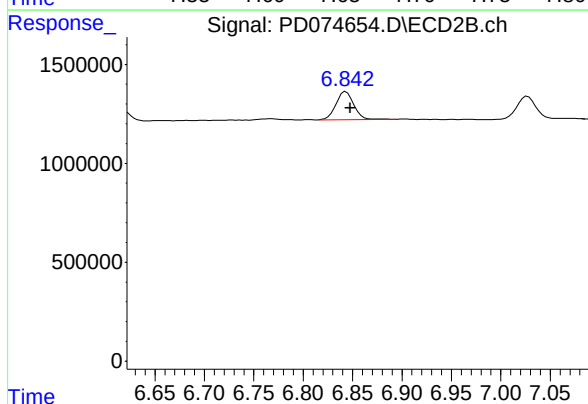
R.T.: 6.616 min
Delta R.T.: -0.004 min
Response: 773371
Conc: 1.14 ng/ml



#21 Endrin ketone

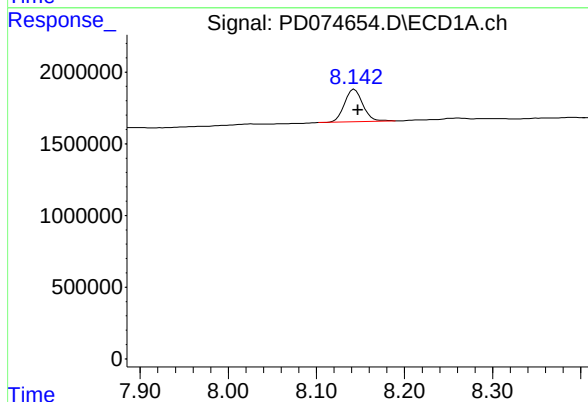
R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 3648237
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



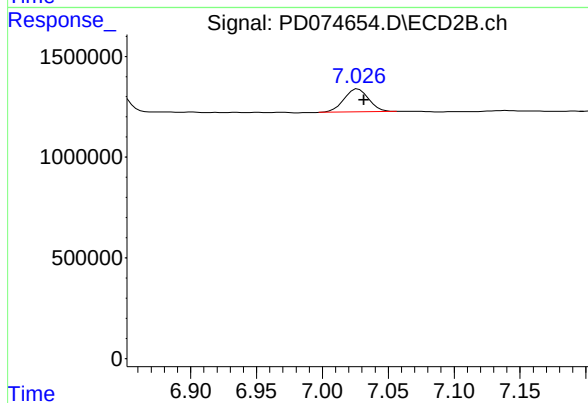
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 1786053
Conc: 1.21 ng/ml



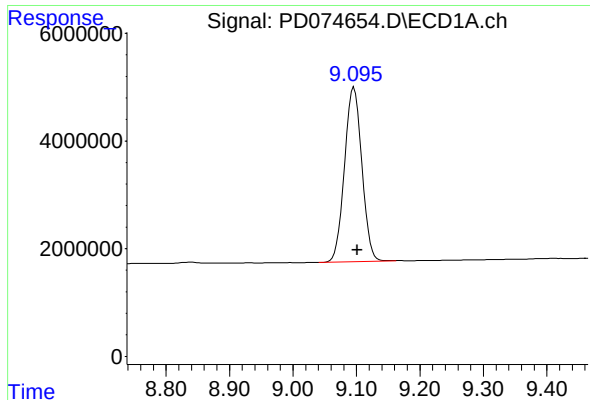
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 3317108
Conc: 1.56 ng/ml



#22 Mirex

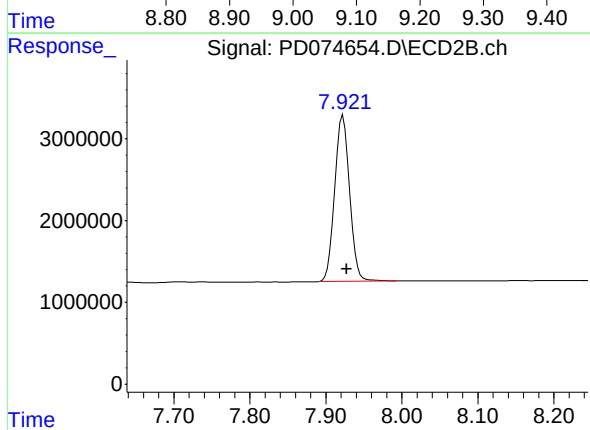
R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 1489418
Conc: 1.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: -0.006 min
Response: 61465169
Conc: 22.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2023



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.005 min
Response: 27563360
Conc: 22.47 ng/ml