

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041123\
 Data File : PD074655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 11:05
 Operator : AR\AJ
 Sample : 02213-09
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 22:16:10 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...	3.555	2.771	44928380	23996601	19.261	19.718
28)	SA Decachlor...	9.103	7.925	61785603	27373071	23.101	22.310
Target Compounds							
2)	A alpha-BHC	4.012	3.274	3653453	1749696	0.941	0.942
3)	MA gamma-BHC...	4.345	3.605	3579165	1838092	1.020	1.073
4)	MA Heptachlor	4.938	3.947	4123670	1691260	1.203	0.991
5)	MB Aldrin	5.281	4.227	3928612	1773949	1.167	1.051
6)	B beta-BHC	4.540	3.901	1971465	929437	1.334	1.231
7)	B delta-BHC	4.788	4.132	7295855	1622996	2.659	0.954 #
8)	B Heptachlo...	5.705	4.730	5757753	1661188	2.047m	1.082 #
9)	A Endosulfan I	6.095	5.101	3528993	1421544	1.241	0.988
10)	B gamma-Chl...	5.964	4.981	3651862	1686318	1.217	1.086
11)	B alpha-Chl...	6.044	5.046	3746910	1744076	1.242	1.133
12)	B 4,4'-DDE	6.216	5.235	3112324	1385148	1.129	0.982
13)	MA Dieldrin	6.370	5.366	3647930	1578881	1.237	1.050
14)	MA Endrin	6.601	5.642	2793495	1476079	1.124	1.129
15)	B Endosulfa...	6.818	5.936	3632319	1453645	1.410m	1.155
16)	A 4,4'-DDD	6.733	5.790	2730858	1245831	1.217	1.067
17)	MA 4,4'-DDT	7.049	6.042	2987458	1105469	1.172	0.900
18)	B Endrin al...	6.950	6.116	2999452	1311676	1.501	1.292
19)	B Endosulfa...	7.185	6.339	3493666	1467153	1.415	1.202
20)	A Methoxychlor	7.525	6.619	1880244	761696	1.344	1.126
21)	B Endrin ke...	7.672	6.846	4755373	1684382	1.708	1.142 #
22)	Mirex	8.149	7.030	3387449	1603130	1.595	1.411

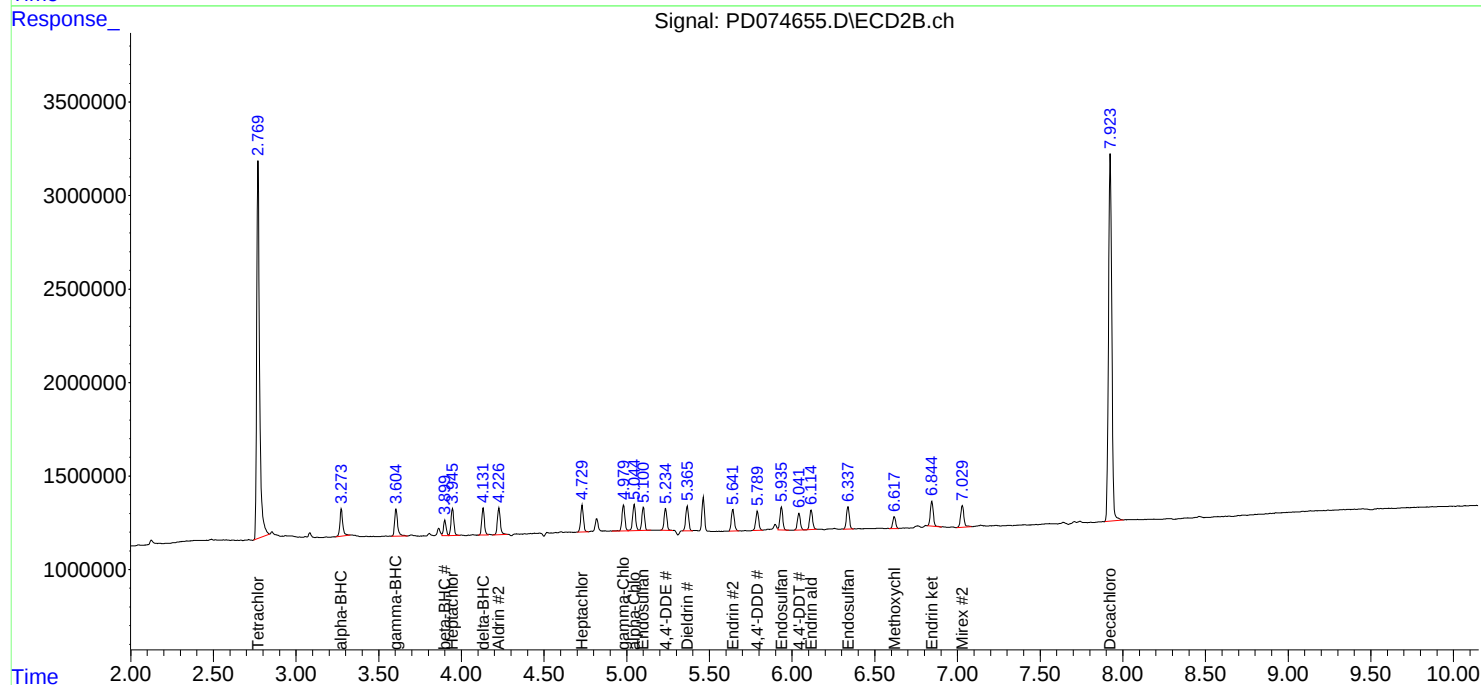
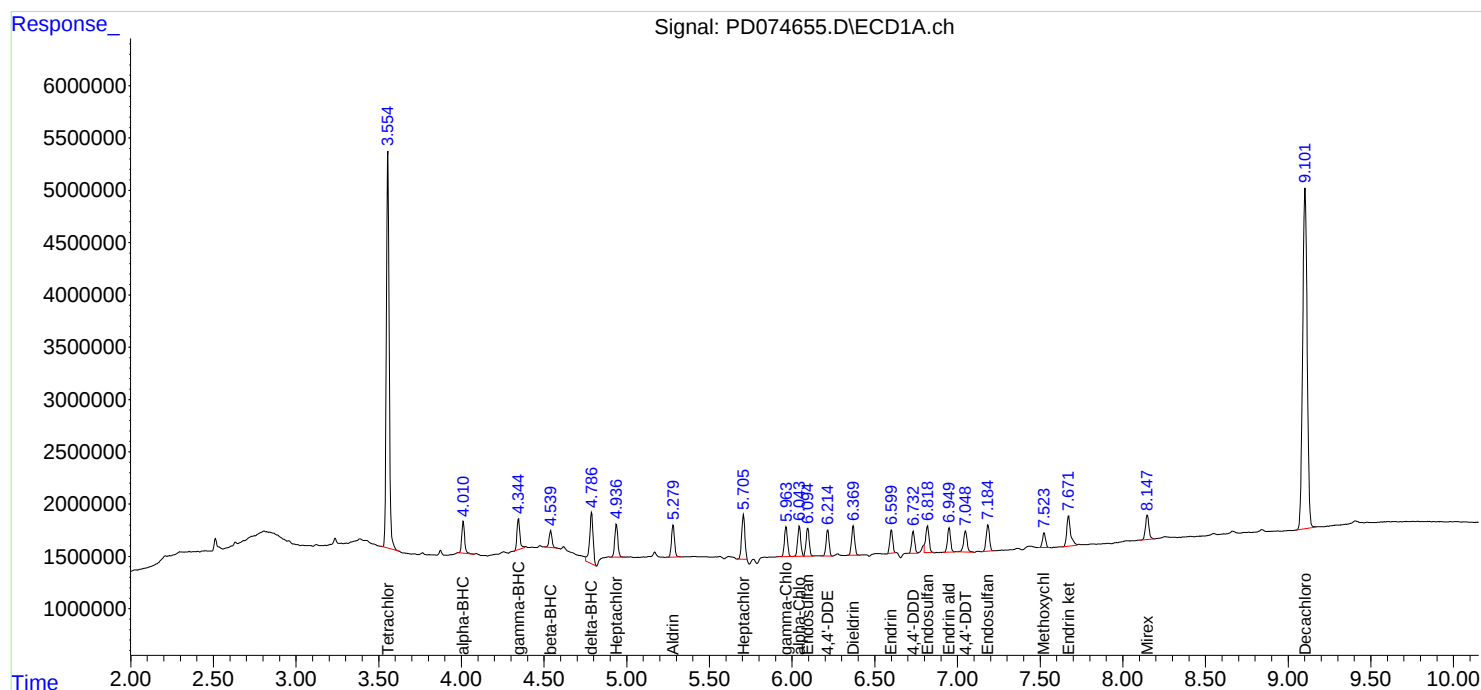
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

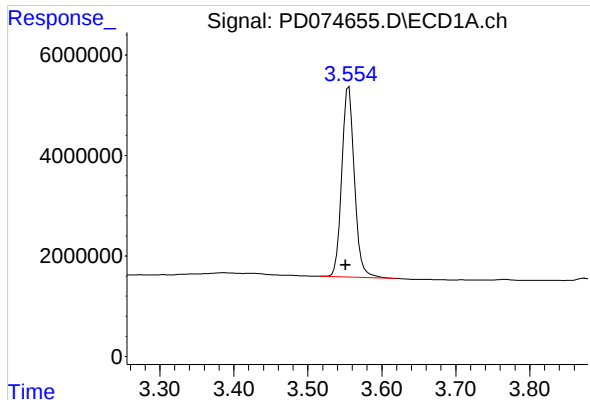
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041123\
Data File : PD074655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2023 11:05
Operator : AR\AJ
Sample : 02213-09
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 22:16:10 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

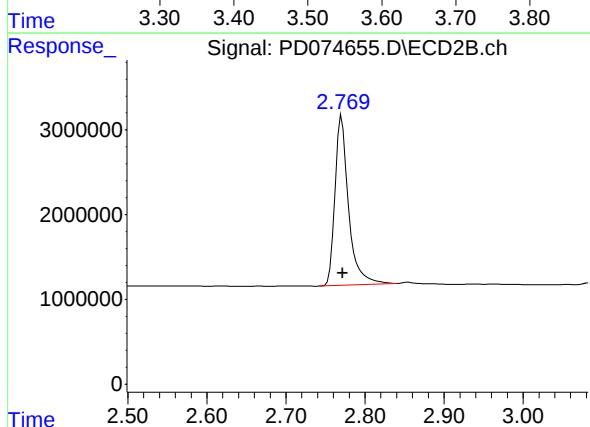




#1 Tetrachloro-m-xylene

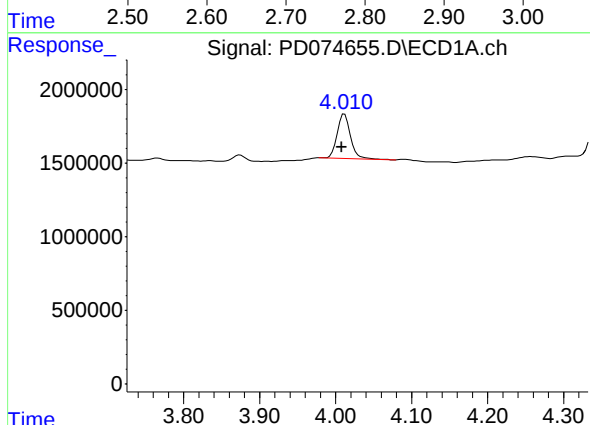
R.T.: 3.555 min
Delta R.T.: 0.004 min
Response: 44928380
Conc: 19.26 ng/ml

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



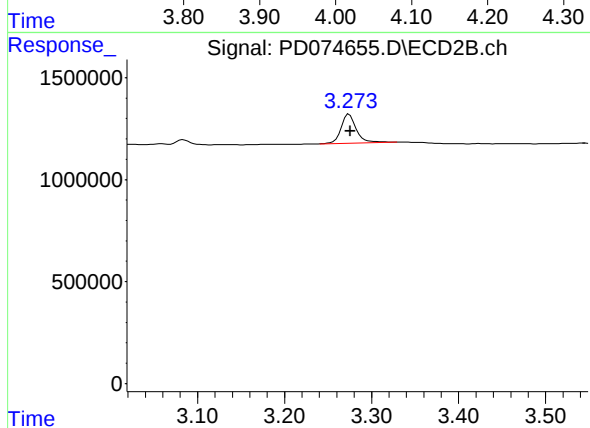
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 23996601
Conc: 19.72 ng/ml



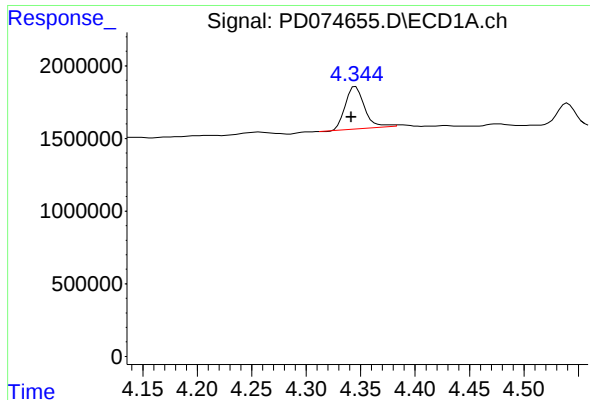
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.004 min
Response: 3653453
Conc: 0.94 ng/ml



#2 alpha-BHC

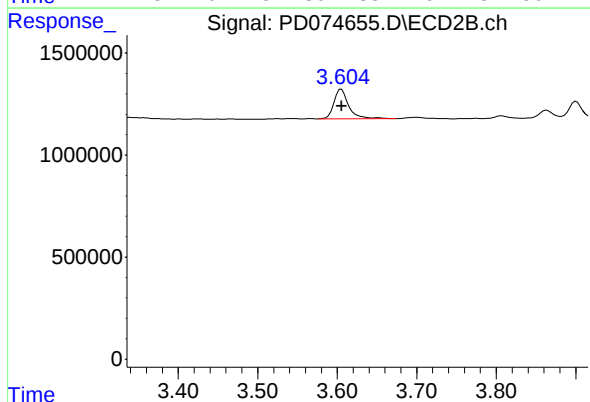
R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 1749696
Conc: 0.94 ng/ml



#3 gamma-BHC (Lindane)

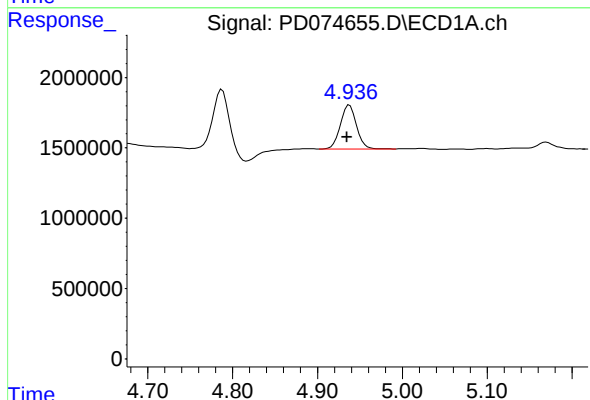
R.T.: 4.345 min
Delta R.T.: 0.004 min
Response: 3579165
Conc: 1.02 ng/ml

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



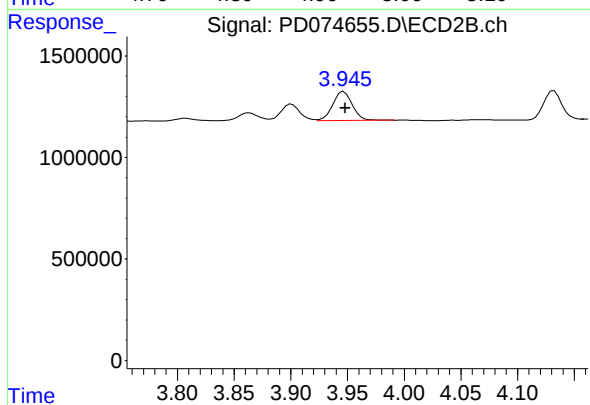
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 1838092
Conc: 1.07 ng/ml



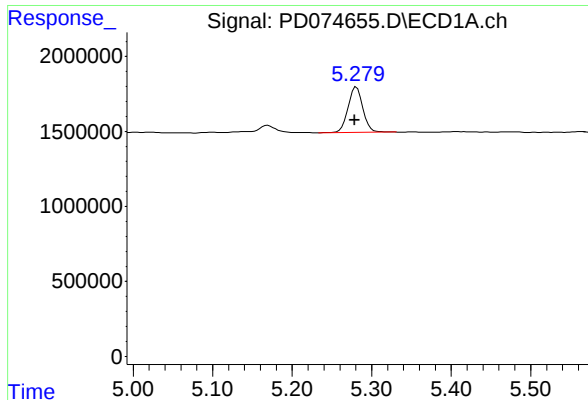
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.003 min
Response: 4123670
Conc: 1.20 ng/ml



#4 Heptachlor

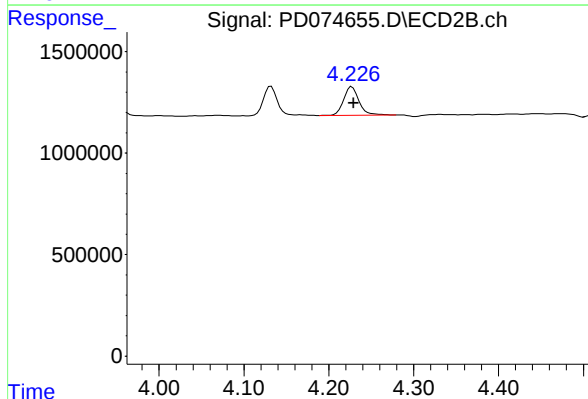
R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 1691260
Conc: 0.99 ng/ml



#5 Aldrin

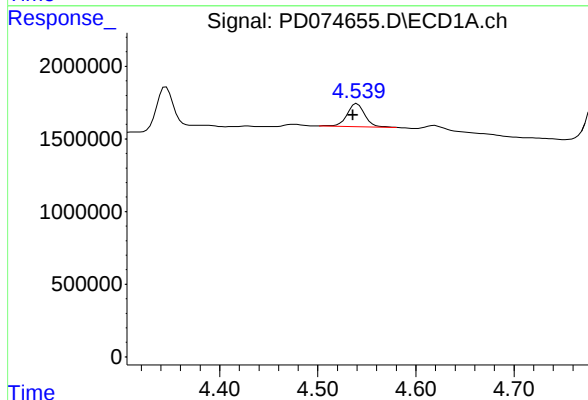
R.T.: 5.281 min
Delta R.T.: 0.002 min
Response: 3928612
Conc: 1.17 ng/ml

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



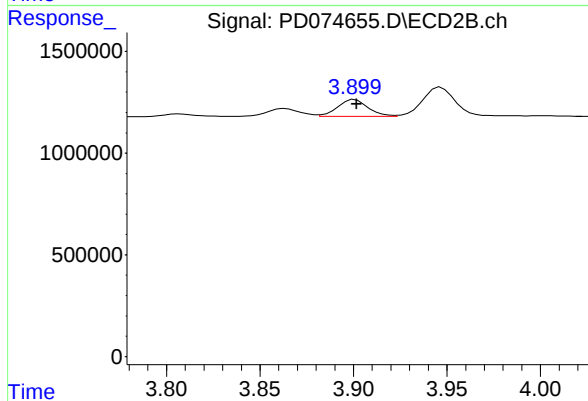
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 1773949
Conc: 1.05 ng/ml



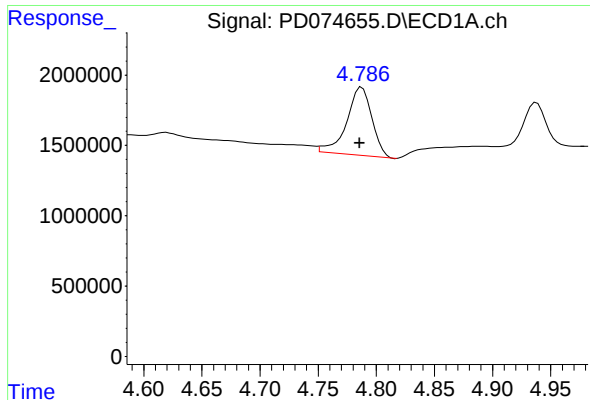
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.004 min
Response: 1971465
Conc: 1.33 ng/ml



#6 beta-BHC

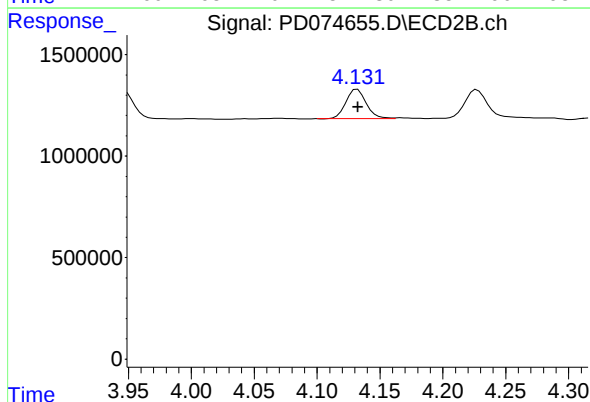
R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 929437
Conc: 1.23 ng/ml



#7 delta-BHC

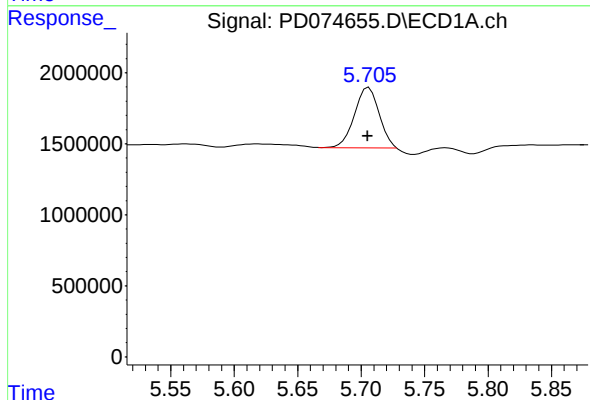
R.T.: 4.788 min
Delta R.T.: 0.002 min
Response: 7295855
Conc: 2.66 ng/ml

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



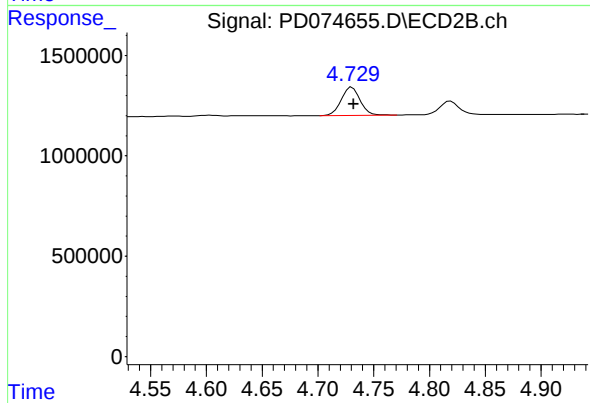
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 1622996
Conc: 0.95 ng/ml



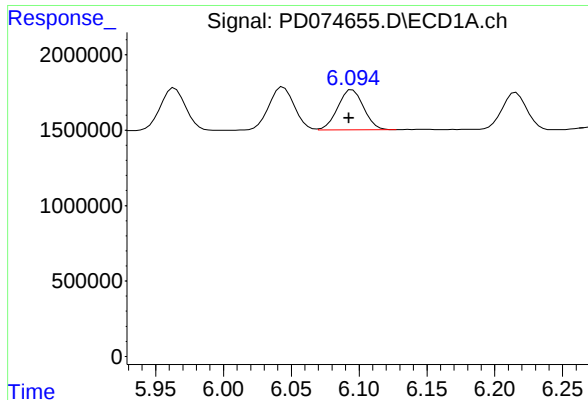
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 5757753
Conc: 2.05 ng/ml m



#8 Heptachlor epoxide

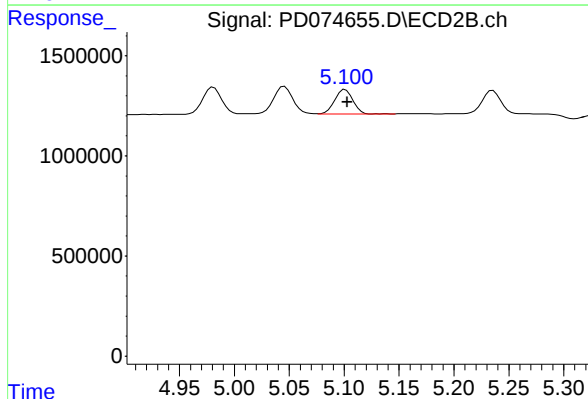
R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 1661188
Conc: 1.08 ng/ml



#9 Endosulfan I

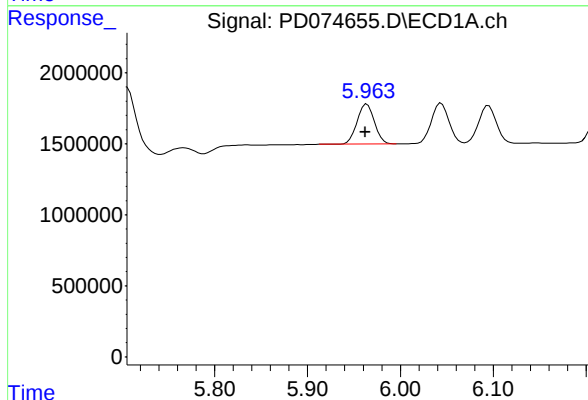
R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 3528993
Conc: 1.24 ng/ml

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



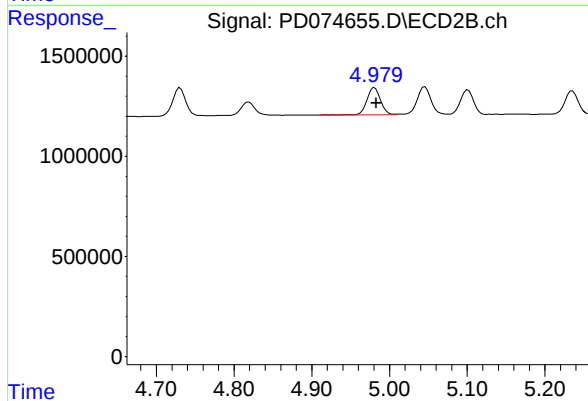
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 1421544
Conc: 0.99 ng/ml



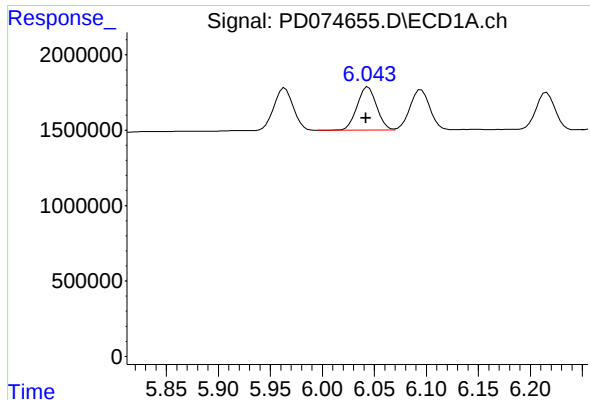
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 3651862
Conc: 1.22 ng/ml



#10 gamma-Chlordane

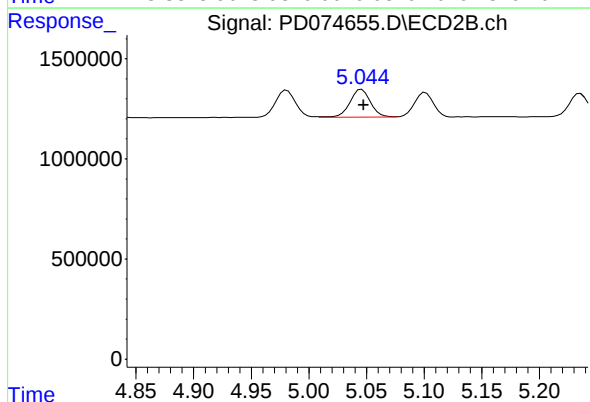
R.T.: 4.981 min
Delta R.T.: -0.002 min
Response: 1686318
Conc: 1.09 ng/ml



#11 alpha-Chlordane

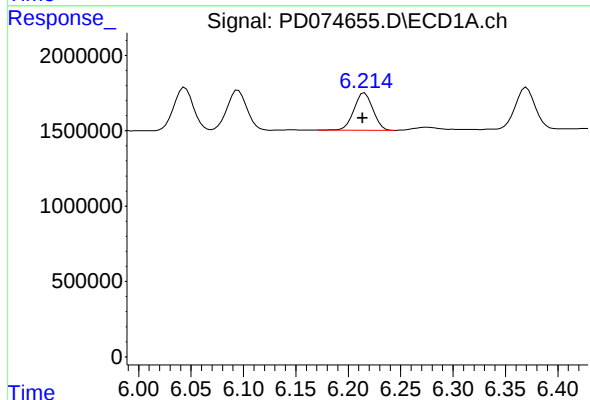
R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 3746910
Conc: 1.24 ng/ml

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



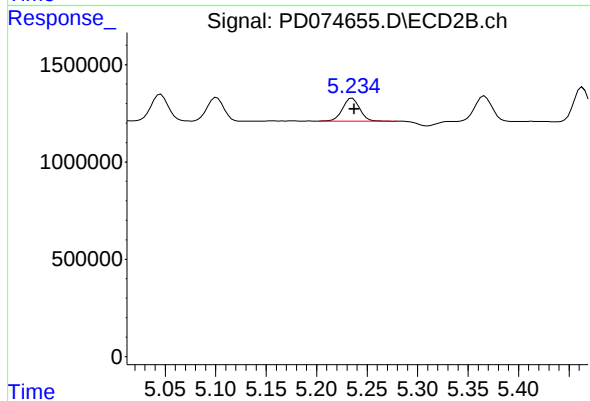
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 1744076
Conc: 1.13 ng/ml



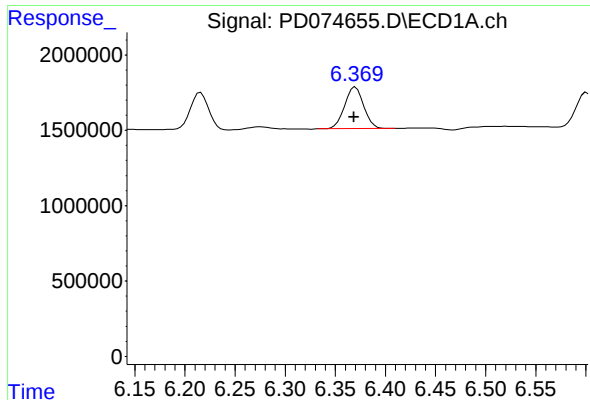
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 3112324
Conc: 1.13 ng/ml



#12 4,4'-DDE

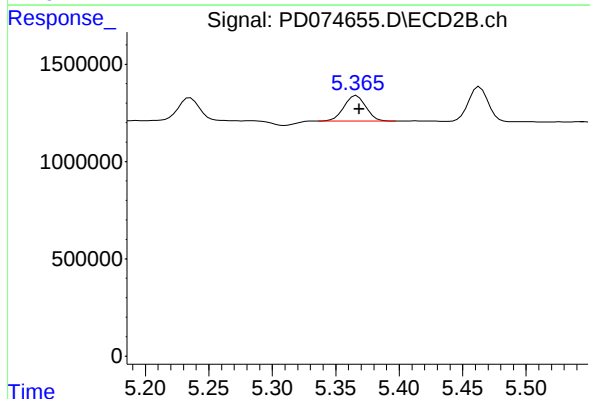
R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 1385148
Conc: 0.98 ng/ml



#13 Dieldrin

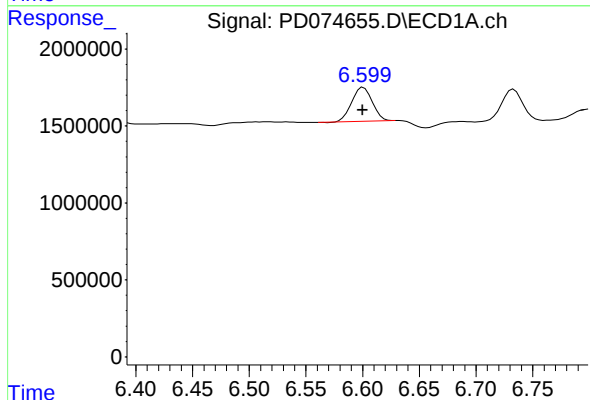
R.T.: 6.370 min
Delta R.T.: 0.002 min
Response: 3647930
Conc: 1.24 ng/ml

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



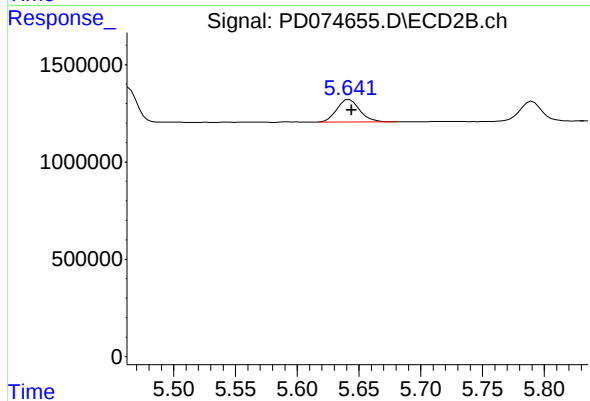
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1578881
Conc: 1.05 ng/ml



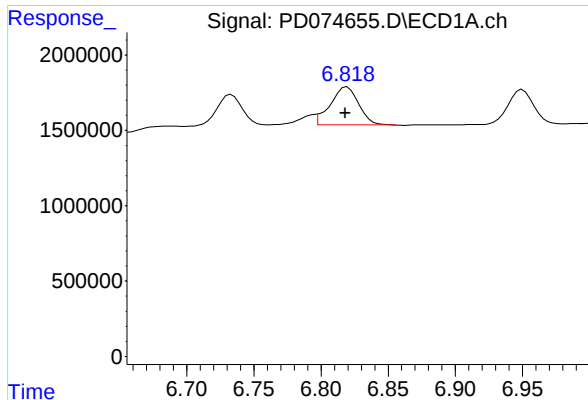
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 2793495
Conc: 1.12 ng/ml



#14 Endrin

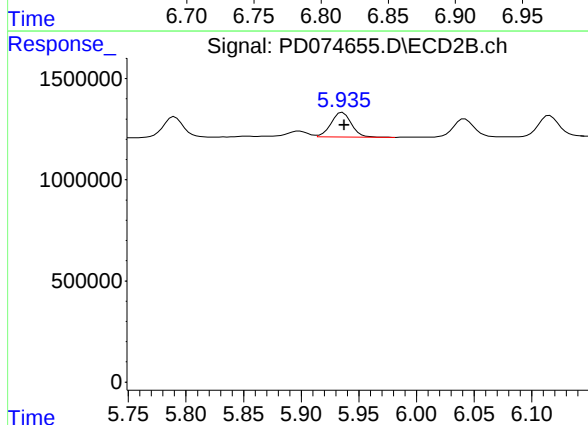
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 1476079
Conc: 1.13 ng/ml



#15 Endosulfan II

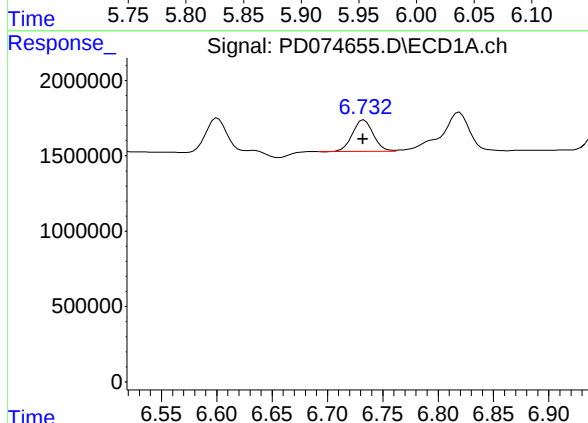
R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 3632319
Conc: 1.41 ng/ml

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



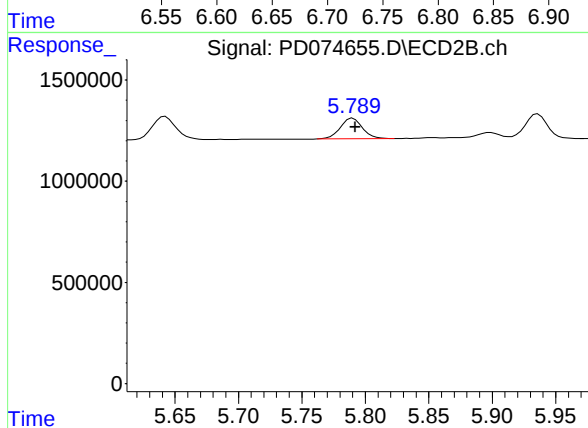
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 1453645
Conc: 1.16 ng/ml



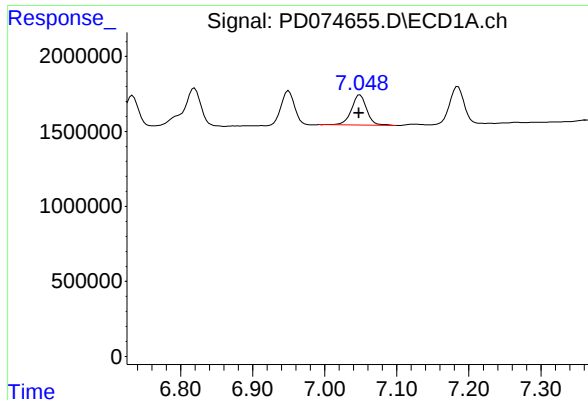
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.001 min
Response: 2730858
Conc: 1.22 ng/ml



#16 4,4'-DDD

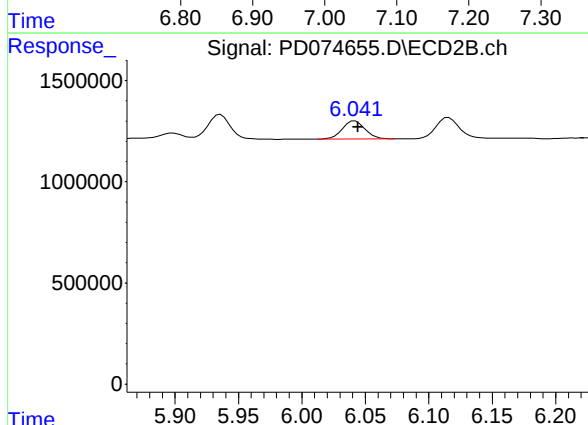
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 1245831
Conc: 1.07 ng/ml



#17 4,4'-DDT

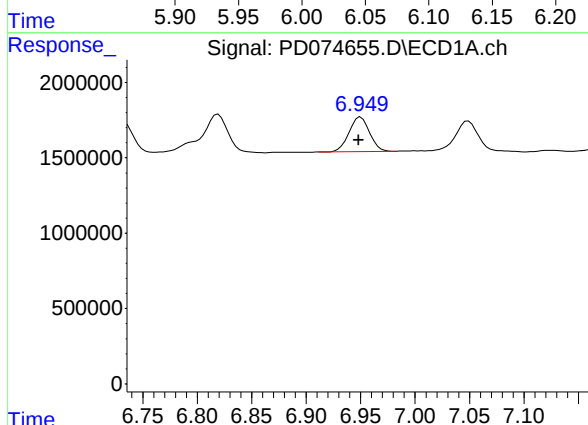
R.T.: 7.049 min
Delta R.T.: 0.001 min
Response: 2987458
Conc: 1.17 ng/ml

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



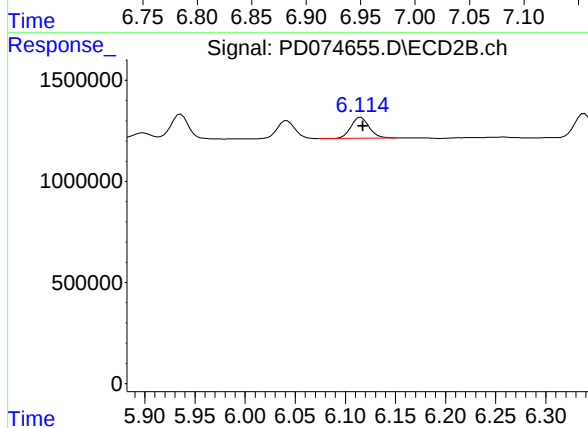
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 1105469
Conc: 0.90 ng/ml



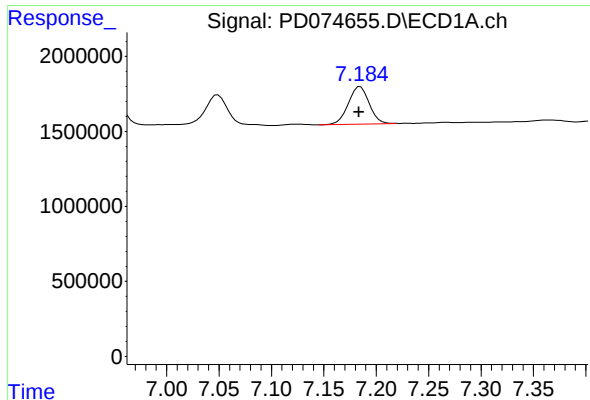
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 2999452
Conc: 1.50 ng/ml



#18 Endrin aldehyde

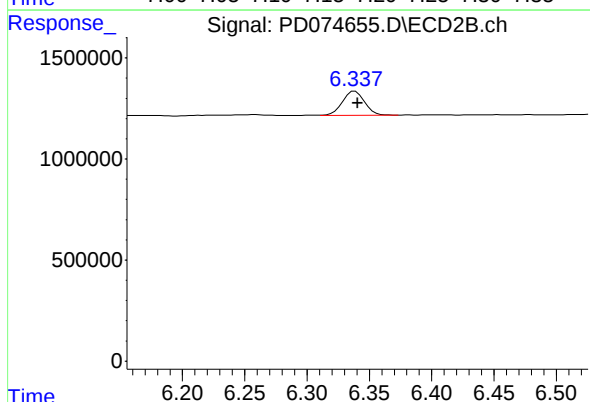
R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 1311676
Conc: 1.29 ng/ml



#19 Endosulfan Sulfate

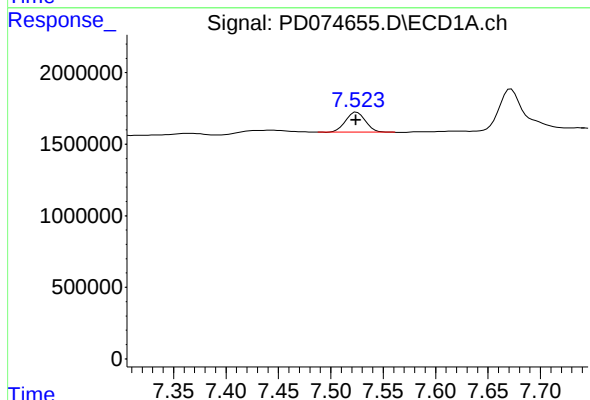
R.T.: 7.185 min
Delta R.T.: 0.001 min
Response: 3493666
Conc: 1.42 ng/ml

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



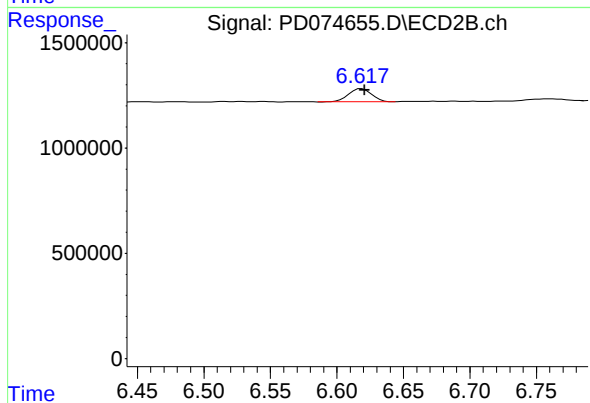
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 1467153
Conc: 1.20 ng/ml



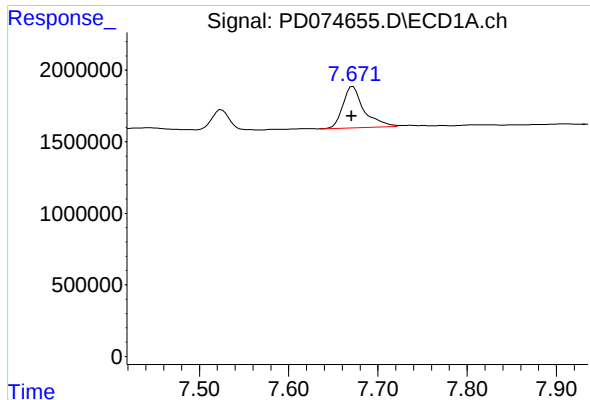
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 1880244
Conc: 1.34 ng/ml



#20 Methoxychlor

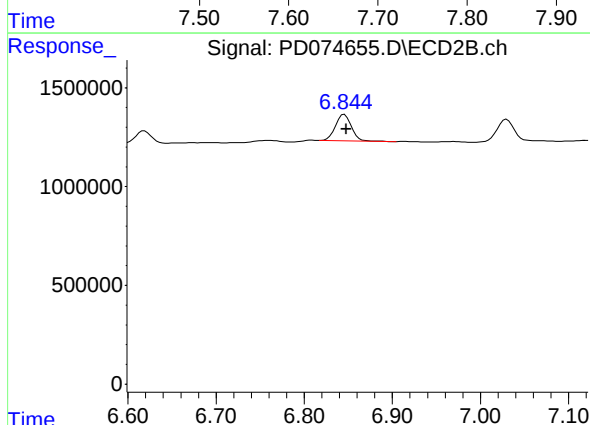
R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 761696
Conc: 1.13 ng/ml



#21 Endrin ketone

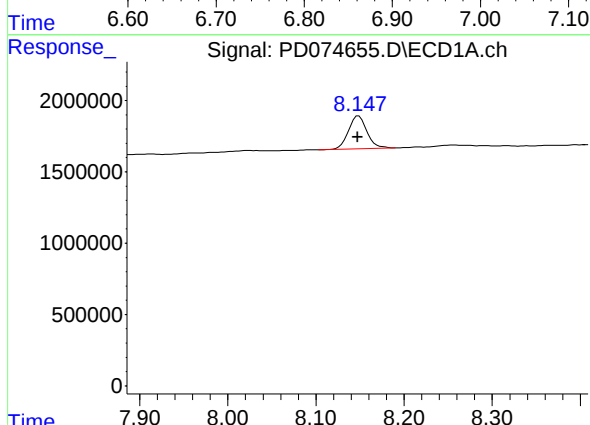
R.T.: 7.672 min
Delta R.T.: 0.001 min
Response: 4755373
Conc: 1.71 ng/ml

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



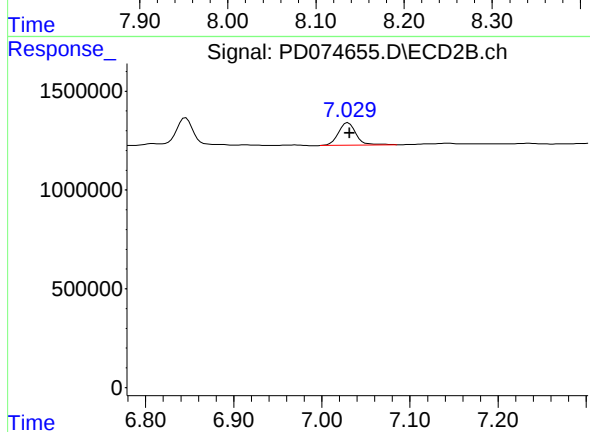
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 1684382
Conc: 1.14 ng/ml



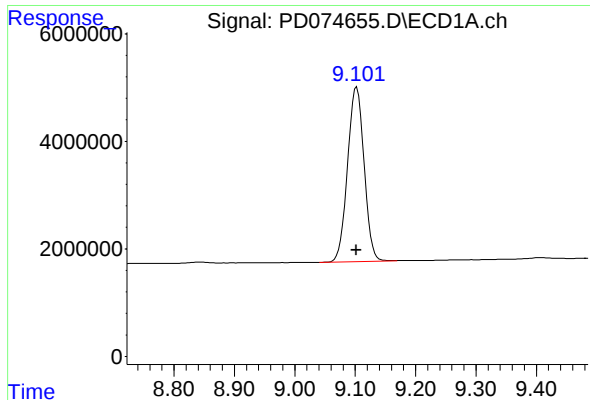
#22 Mirex

R.T.: 8.149 min
Delta R.T.: 0.001 min
Response: 3387449
Conc: 1.60 ng/ml



#22 Mirex

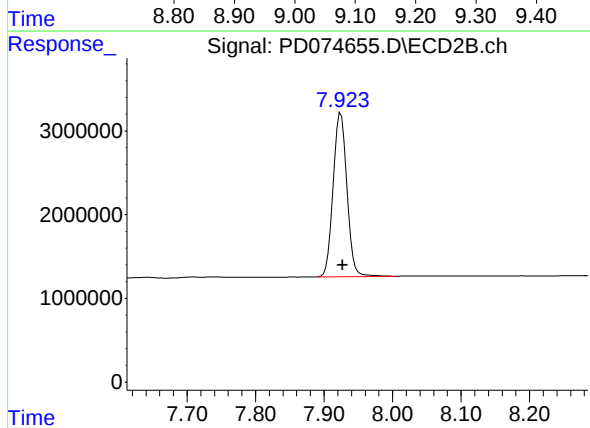
R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 1603130
Conc: 1.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.001 min
Response: 61785603
Conc: 23.10 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.003 min
Response: 27373071
Conc: 22.31 ng/ml