

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100523\  
 Data File : PD078716.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2023 01:40  
 Operator : AR\AJ  
 Sample : 04654-16  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 05:40:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092823CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 28 13:47:59 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

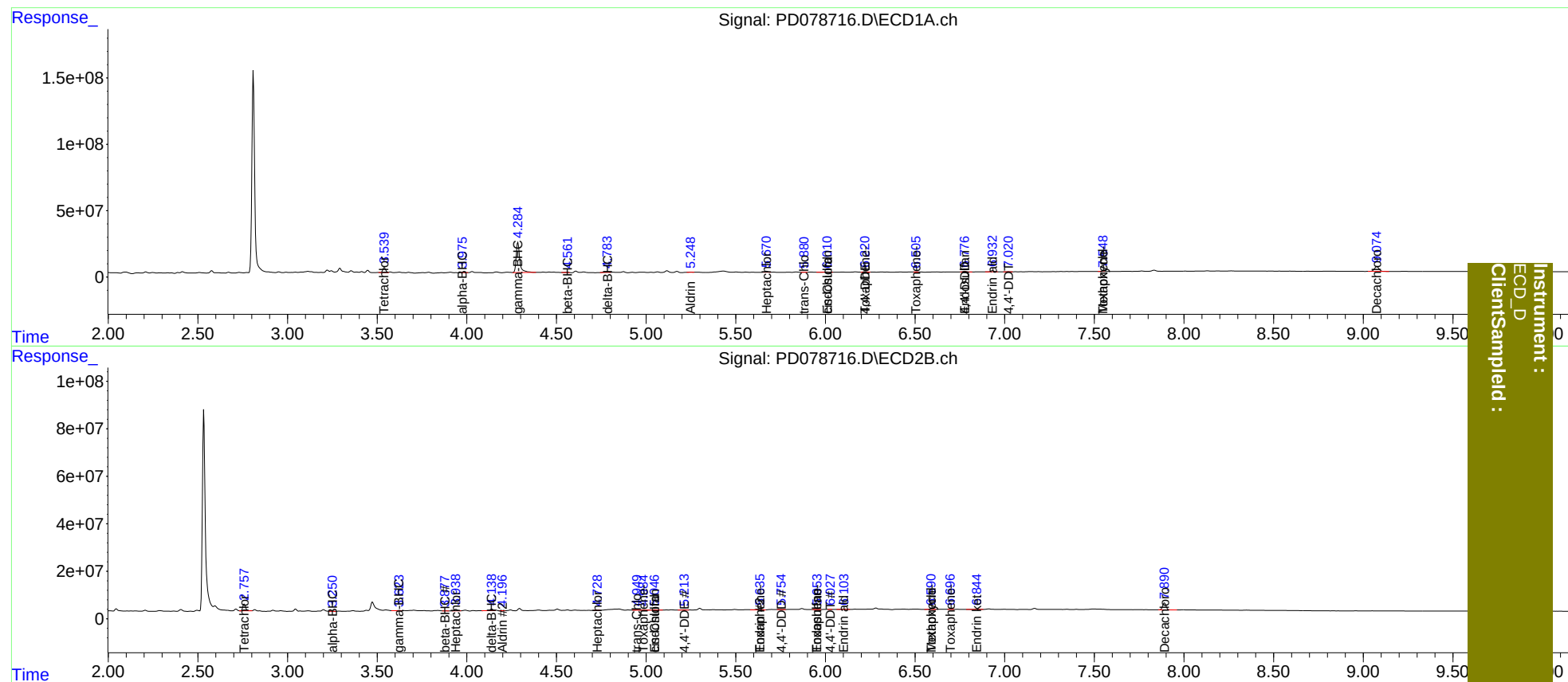
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.540  | 2.758  | 42334422 | 30784868 | 17.241  | 18.635    |
| 27)                         | SA Decachlor... | 9.076  | 7.891  | 64166920 | 38217298 | 19.850  | 20.644    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.977  | 3.251  | 2358859  | 2538346  | 0.569   | 0.996 #   |
| 3)                          | MA gamma-BHC... | 4.285f | 3.624f | 317.7E6  | 967606   | 80.087  | 0.405 #   |
| 4)                          | MA Heptachlor   | 4.923  | 3.939  | -4218997 | 7568100  | N.D.    | 3.045     |
| 5)                          | MB Aldrin       | 5.250  | 4.198  | 1794696  | 1095659  | 0.441   | 0.447     |
| 6)                          | B beta-BHC      | 4.561f | 3.878  | 2536185  | 1170942  | 1.466   | 1.076 #   |
| 7)                          | B delta-BHC     | 4.784  | 4.140f | 8622890  | 8792531  | 2.163   | 3.577 #   |
| 8)                          | B Heptachlo...  | 5.672  | 4.729  | 8738616  | 517464   | 2.359   | 0.224 #   |
| 9)                          | A Endosulfan I  | 6.011f | 5.048  | 4614655  | 3981968  | 1.384   | 1.936 #   |
| 10)                         | B trans-Chl...  | 5.882f | 4.950  | 2173453  | 1348947  | 0.603   | 0.605     |
| 11)                         | B cis-Chlor...  | 6.011  | 5.048  | 4614655  | 3981968  | 1.244   | 1.734 #   |
| 12)                         | B 4,4'-DDE      | 6.221  | 5.215  | 4540416  | 1585070  | 1.269   | 0.736 #   |
| 14)                         | MA Endrin       | 0.000  | 5.635  | 0        | 3198479  | N.D.    | 1.529     |
| 15)                         | B Endosulfa...  | 6.778  | 5.954f | 7197764  | 570145   | 2.301   | 0.281 #   |
| 16)                         | A 4,4'-DDD      | 6.778f | 5.755  | 7197764  | 1496341  | 2.781   | 0.950 #   |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.028  | 2426701  | 276636   | 0.940   | 0.170 #   |
| 18)                         | B Endrin al...  | 6.933  | 6.104  | 13049487 | 2064096  | 5.370   | 1.331 #   |
| 20)                         | A Methoxychlor  | 7.550f | 6.592  | 2286671  | 1353966  | 1.550   | 1.526     |
| 21)                         | B Endrin ke...  | 0.000  | 6.846  | 0        | 2346592  | N.D.    | 1.092     |
| 22)                         | Toxaphene-1     | 6.221  | 4.986  | 4540416  | 1545500  | 174.995 | 127.960 # |
| 23)                         | Toxaphene-2     | 6.507f | 5.635  | 226713   | 3198479  | 6.985   | 239.184 # |
| 24)                         | Toxaphene-3     | 0.000  | 5.954  | 0        | 570145   | N.D.    | 37.143    |
| 25)                         | Toxaphene-4     | 0.000  | 6.592  | 0        | 1353966  | N.D.    | 30.642    |
| 26)                         | Toxaphene-5     | 7.550  | 6.697  | 2286671  | 632979   | 48.918  | 10.170 #  |
| -----                       |                 |        |        |          |          |         |           |

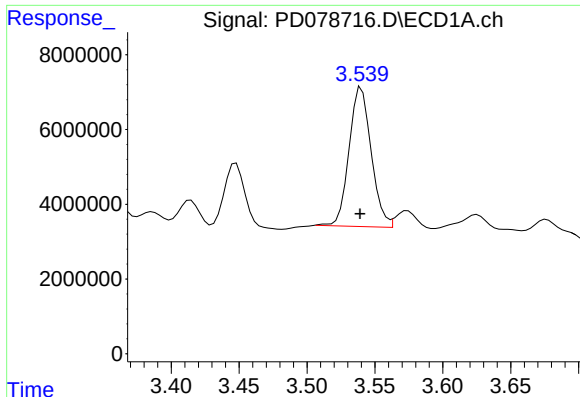
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100523\  
Data File : PD078716.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2023 01:40  
Operator : AR\AJ  
Sample : 04654-16  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 05:40:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092823CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 28 13:47:59 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

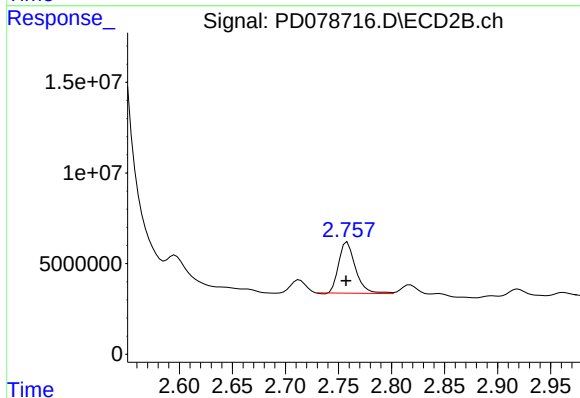




#1 Tetrachloro-m-xylene

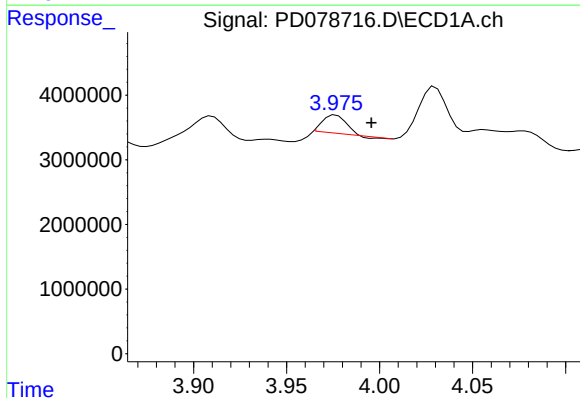
R.T.: 3.540 min  
Delta R.T.: 0.001 min  
Response: 42334422  
Conc: 17.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



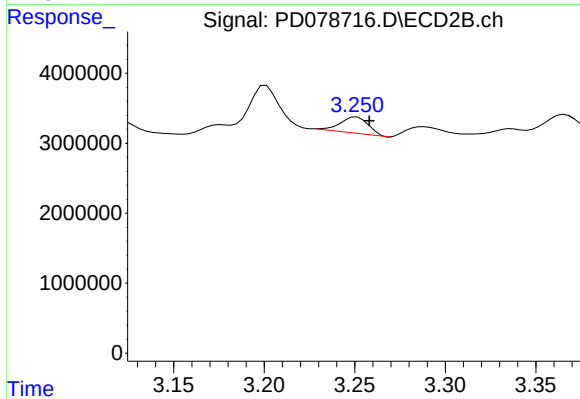
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: 0.001 min  
Response: 30784868  
Conc: 18.63 ng/ml



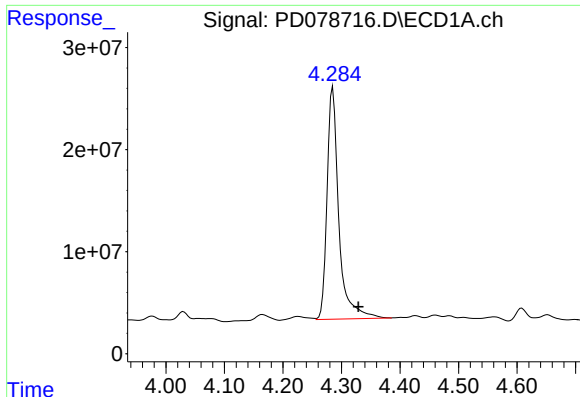
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: -0.019 min  
Response: 2358859  
Conc: 0.57 ng/ml



#2 alpha-BHC

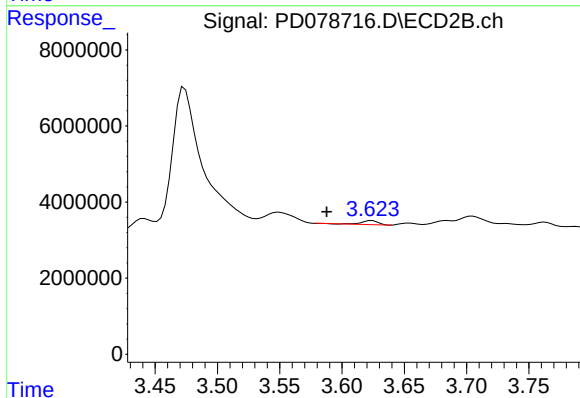
R.T.: 3.251 min  
Delta R.T.: -0.007 min  
Response: 2538346  
Conc: 1.00 ng/ml



#3 gamma-BHC (Lindane)

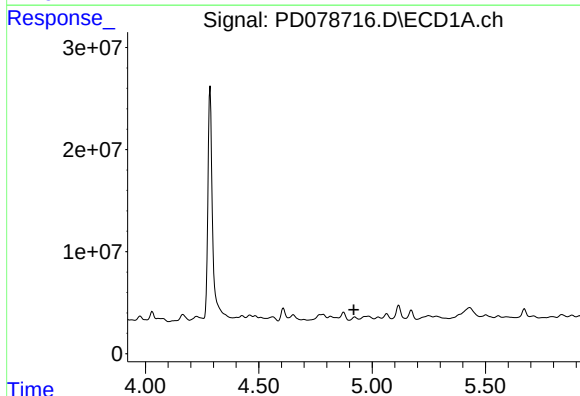
R.T.: 4.285 min  
Delta R.T.: -0.044 min  
Response: 317720764  
Conc: 80.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



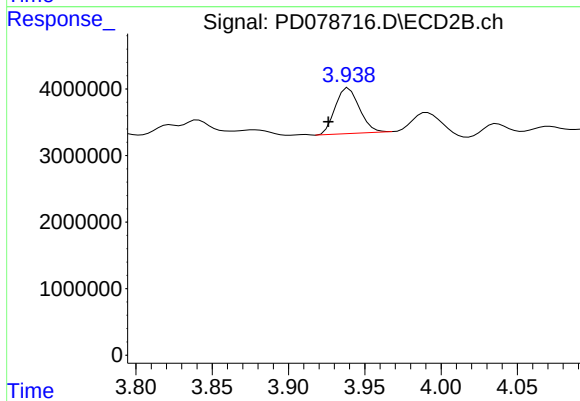
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: 0.036 min  
Response: 967606  
Conc: 0.41 ng/ml



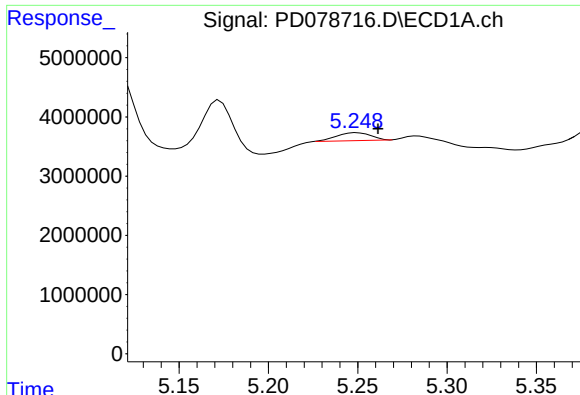
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.004 min  
Response: -4218997  
Conc: N.D.



#4 Heptachlor

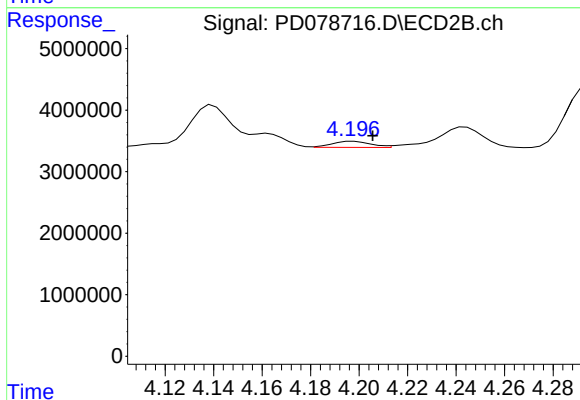
R.T.: 3.939 min  
Delta R.T.: 0.013 min  
Response: 7568100  
Conc: 3.05 ng/ml



#5 Aldrin

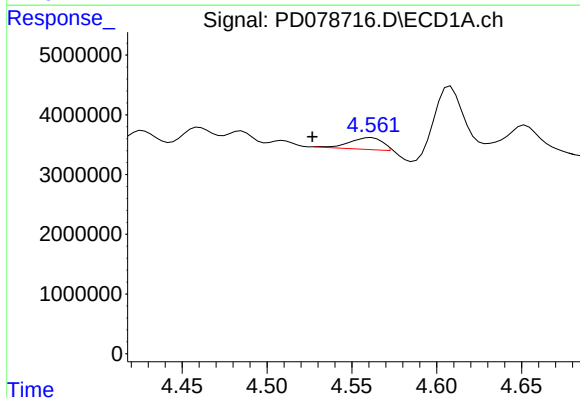
R.T.: 5.250 min  
Delta R.T.: -0.012 min  
Response: 1794696  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



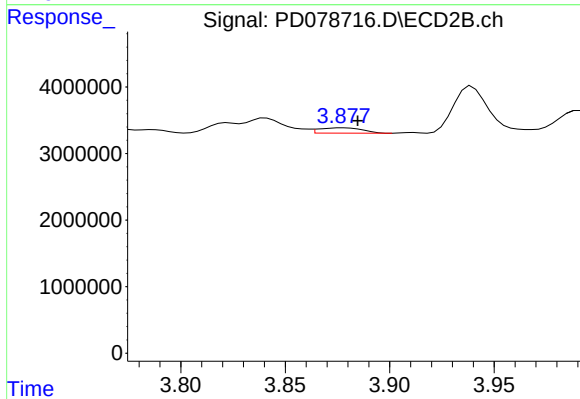
#5 Aldrin

R.T.: 4.198 min  
Delta R.T.: -0.008 min  
Response: 1095659  
Conc: 0.45 ng/ml



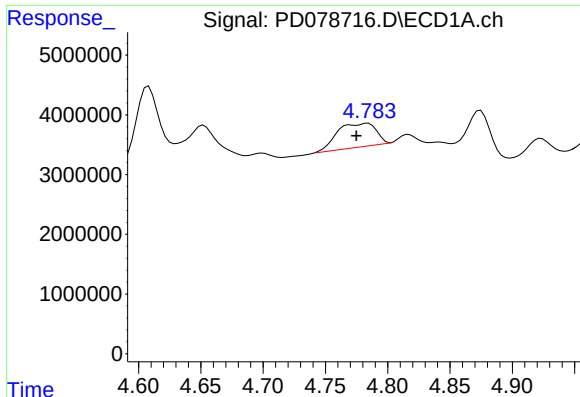
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.035 min  
Response: 2536185  
Conc: 1.47 ng/ml



#6 beta-BHC

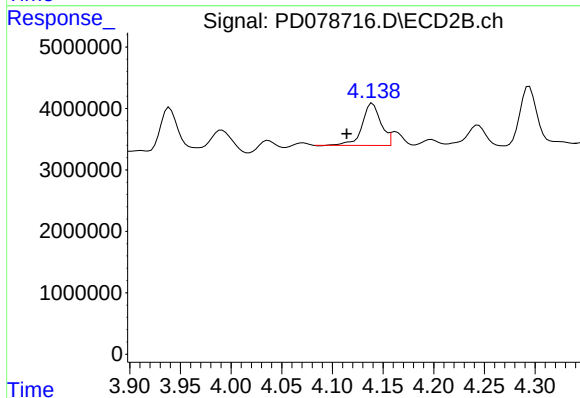
R.T.: 3.878 min  
Delta R.T.: -0.007 min  
Response: 1170942  
Conc: 1.08 ng/ml



#7 delta-BHC

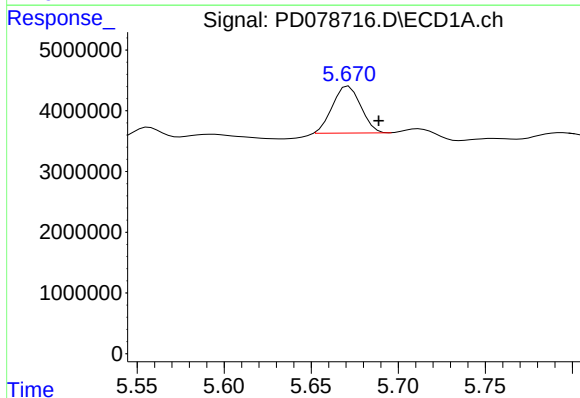
R.T.: 4.784 min  
Delta R.T.: 0.009 min  
Response: 8622890  
Conc: 2.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



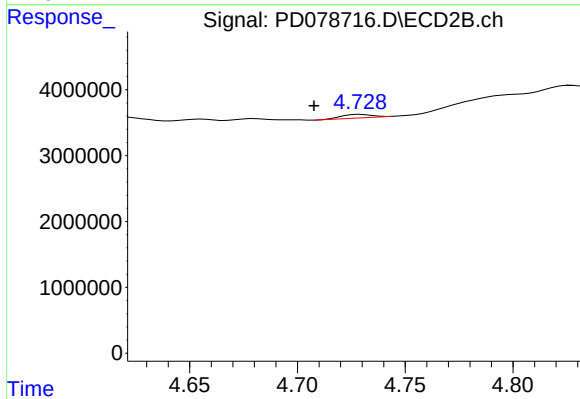
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.026 min  
Response: 8792531  
Conc: 3.58 ng/ml



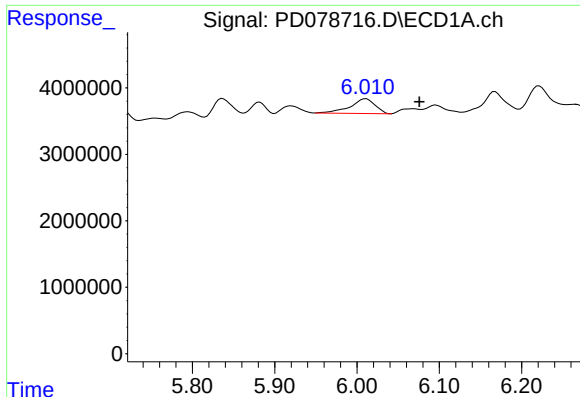
#8 Heptachlor epoxide

R.T.: 5.672 min  
Delta R.T.: -0.017 min  
Response: 8738616  
Conc: 2.36 ng/ml



#8 Heptachlor epoxide

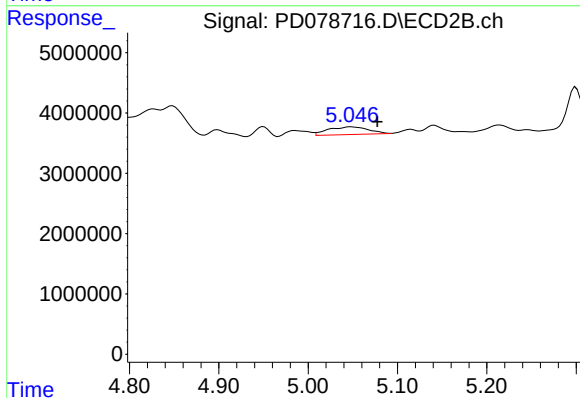
R.T.: 4.729 min  
Delta R.T.: 0.022 min  
Response: 517464  
Conc: 0.22 ng/ml



#9 Endosulfan I

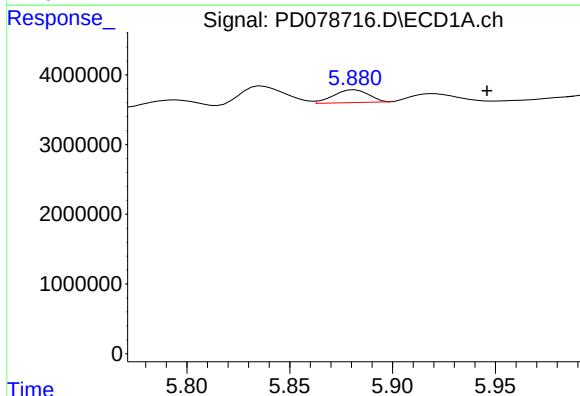
R.T.: 6.011 min  
Delta R.T.: -0.065 min  
Response: 4614655  
Conc: 1.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



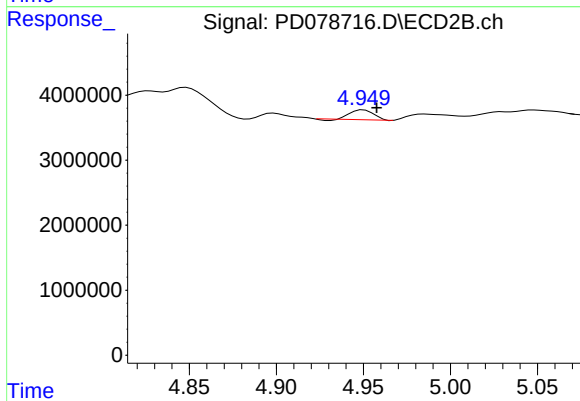
#9 Endosulfan I

R.T.: 5.048 min  
Delta R.T.: -0.030 min  
Response: 3981968  
Conc: 1.94 ng/ml



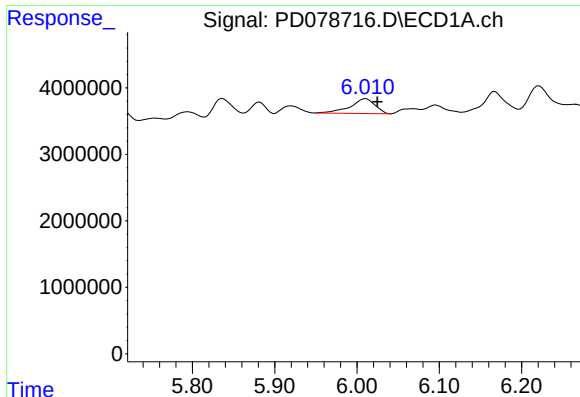
#10 trans-Chlordane

R.T.: 5.882 min  
Delta R.T.: -0.064 min  
Response: 2173453  
Conc: 0.60 ng/ml



#10 trans-Chlordane

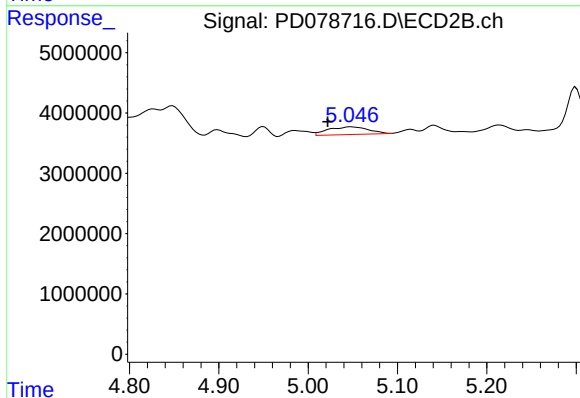
R.T.: 4.950 min  
Delta R.T.: -0.008 min  
Response: 1348947  
Conc: 0.61 ng/ml



#11 cis-Chlordane

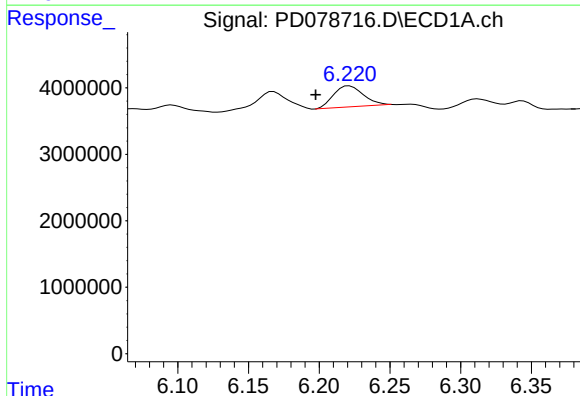
R.T.: 6.011 min  
Delta R.T.: -0.014 min  
Response: 4614655  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



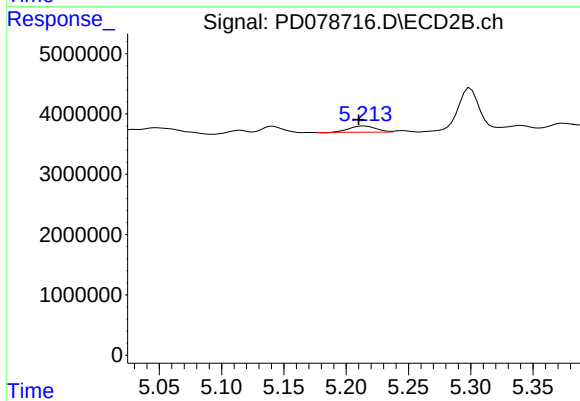
#11 cis-Chlordane

R.T.: 5.048 min  
Delta R.T.: 0.026 min  
Response: 3981968  
Conc: 1.73 ng/ml



#12 4,4'-DDE

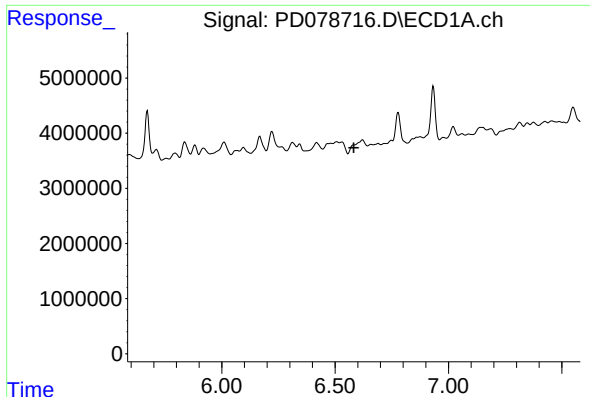
R.T.: 6.221 min  
Delta R.T.: 0.024 min  
Response: 4540416  
Conc: 1.27 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min  
Delta R.T.: 0.004 min  
Response: 1585070  
Conc: 0.74 ng/ml

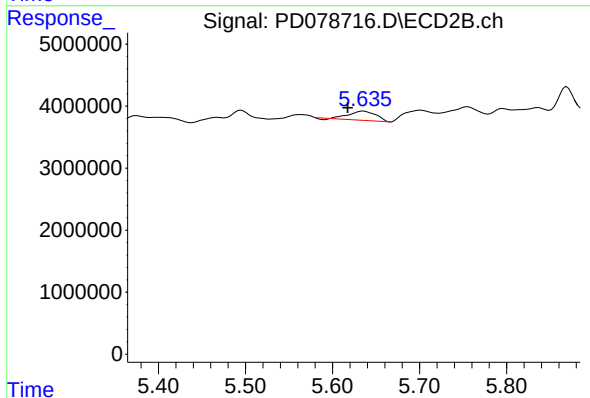




#14 Endrin

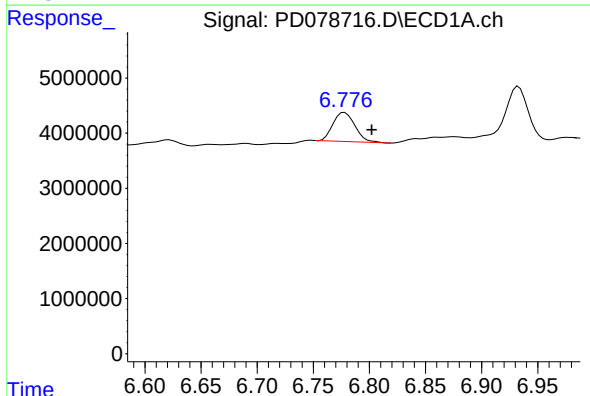
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



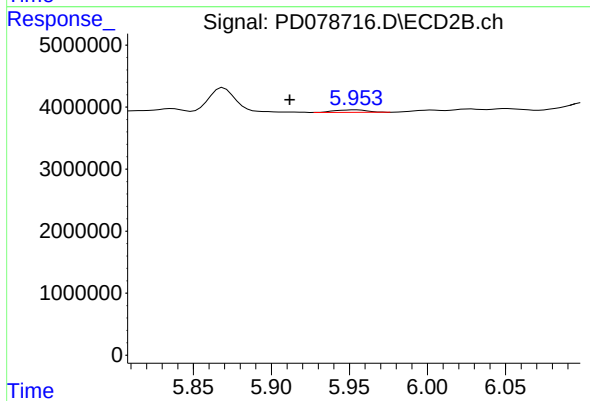
#14 Endrin

R.T.: 5.635 min  
Delta R.T.: 0.018 min  
Response: 3198479  
Conc: 1.53 ng/ml



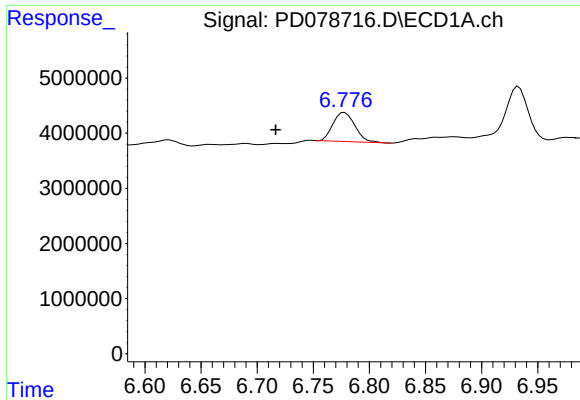
#15 Endosulfan II

R.T.: 6.778 min  
Delta R.T.: -0.024 min  
Response: 7197764  
Conc: 2.30 ng/ml



#15 Endosulfan II

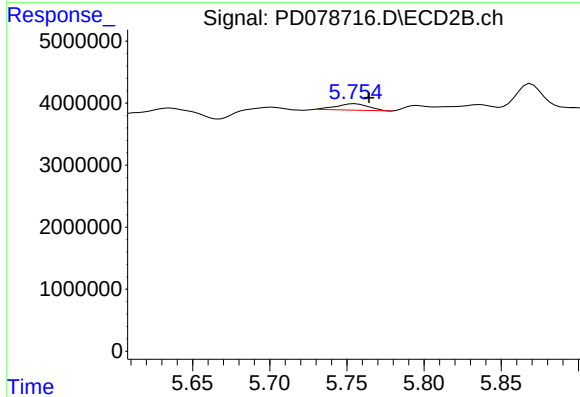
R.T.: 5.954 min  
Delta R.T.: 0.042 min  
Response: 570145  
Conc: 0.28 ng/ml



#16 4,4'-DDD

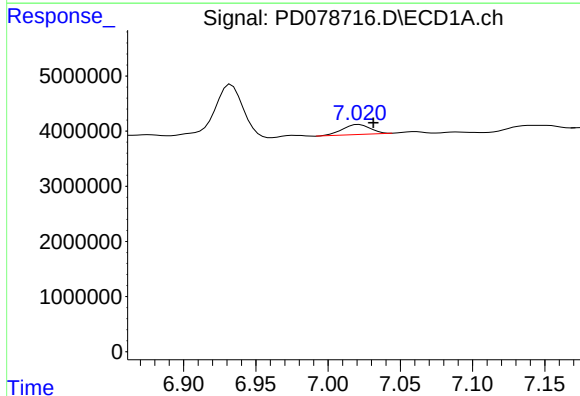
R.T.: 6.778 min  
Delta R.T.: 0.061 min  
Response: 7197764  
Conc: 2.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



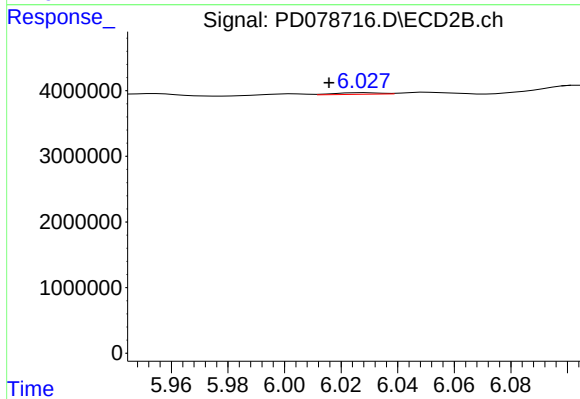
#16 4,4'-DDD

R.T.: 5.755 min  
Delta R.T.: -0.009 min  
Response: 1496341  
Conc: 0.95 ng/ml



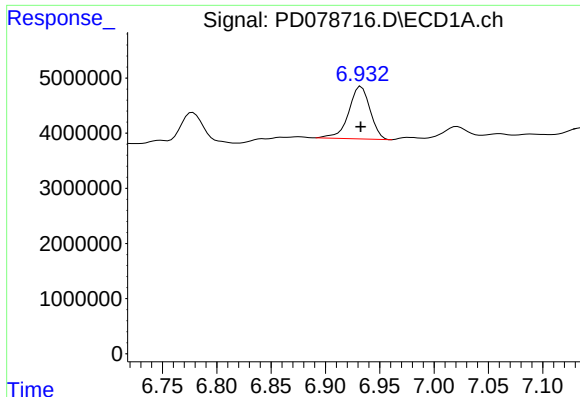
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.010 min  
Response: 2426701  
Conc: 0.94 ng/ml



#17 4,4'-DDT

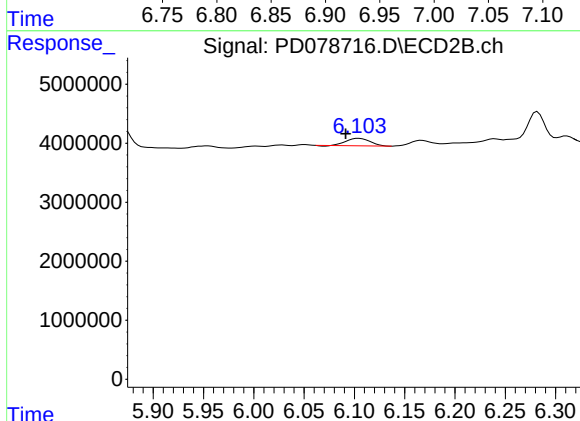
R.T.: 6.028 min  
Delta R.T.: 0.012 min  
Response: 276636  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

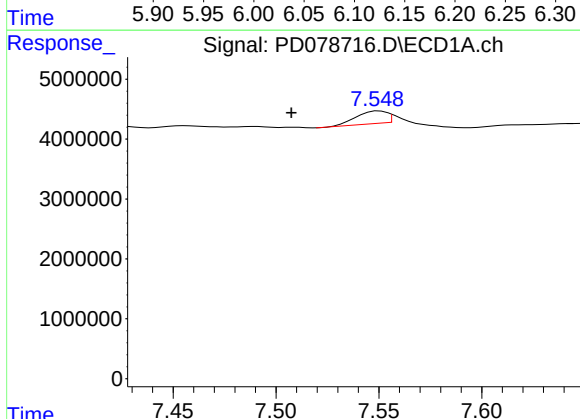
R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 13049487  
Conc: 5.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



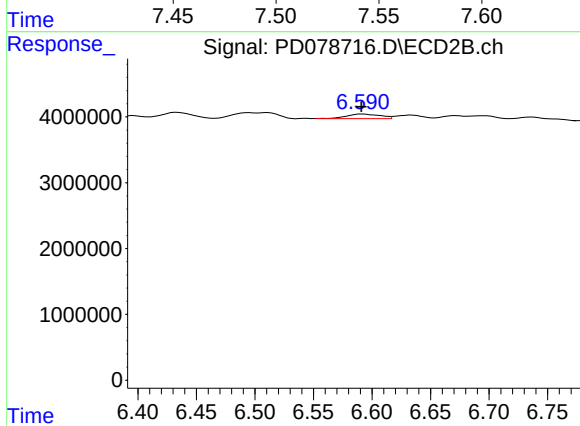
#18 Endrin aldehyde

R.T.: 6.104 min  
Delta R.T.: 0.013 min  
Response: 2064096  
Conc: 1.33 ng/ml



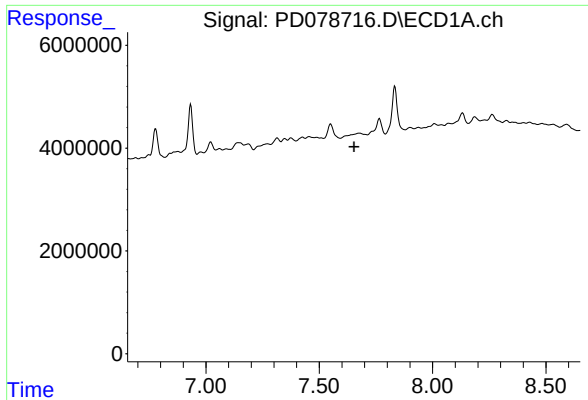
#20 Methoxychlor

R.T.: 7.550 min  
Delta R.T.: 0.043 min  
Response: 2286671  
Conc: 1.55 ng/ml



#20 Methoxychlor

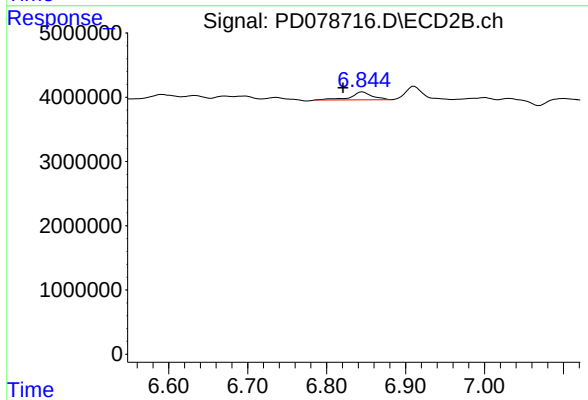
R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 1353966  
Conc: 1.53 ng/ml



#21 Endrin ketone

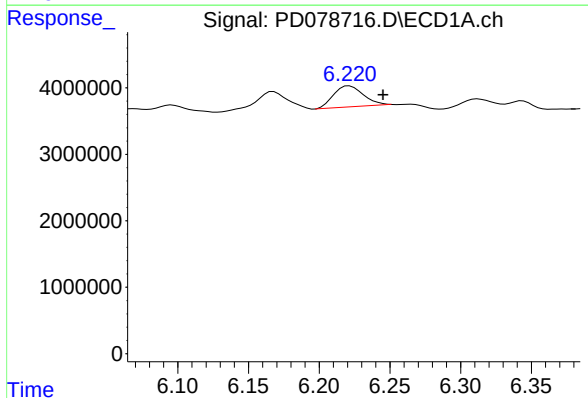
R.T.: 0.000 min  
Exp R.T.: 7.654 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



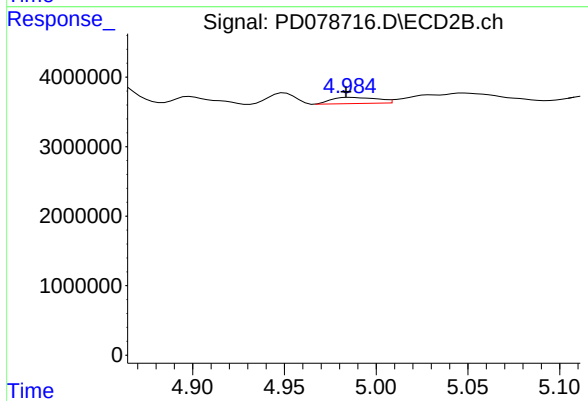
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.025 min  
Response: 2346592  
Conc: 1.09 ng/ml



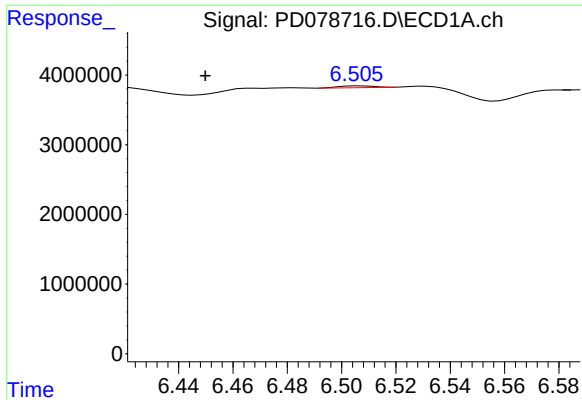
#22 Toxaphene-1

R.T.: 6.221 min  
Delta R.T.: -0.024 min  
Response: 4540416  
Conc: 175.00 ng/ml



#22 Toxaphene-1

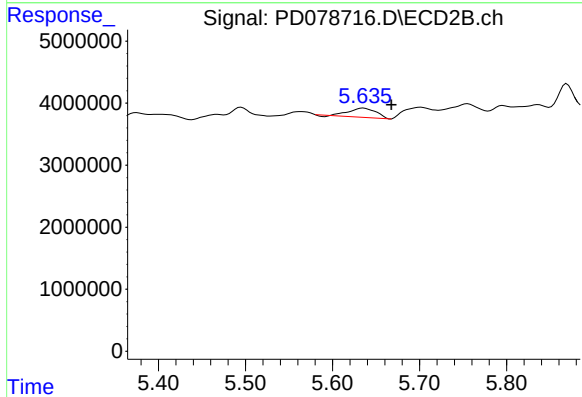
R.T.: 4.986 min  
Delta R.T.: 0.002 min  
Response: 1545500  
Conc: 127.96 ng/ml



#23 Toxaphene-2

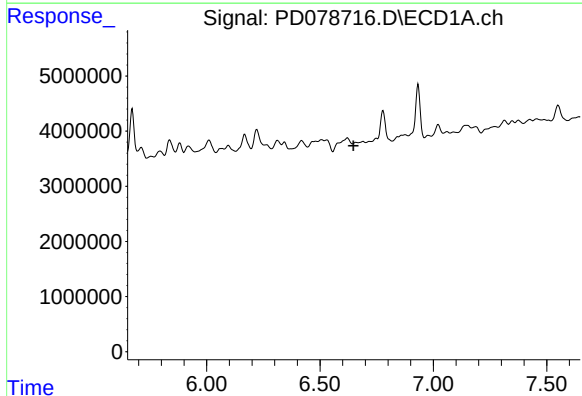
R.T.: 6.507 min  
Delta R.T.: 0.057 min  
Response: 226713  
Conc: 6.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



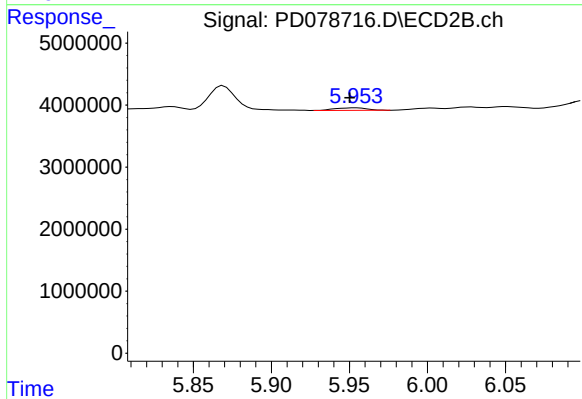
#23 Toxaphene-2

R.T.: 5.635 min  
Delta R.T.: -0.032 min  
Response: 3198479  
Conc: 239.18 ng/ml



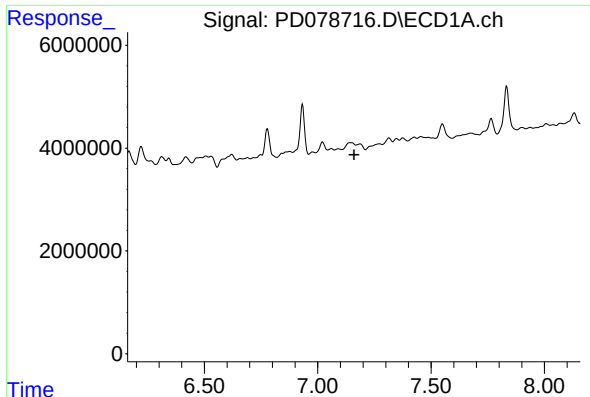
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 6.648 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

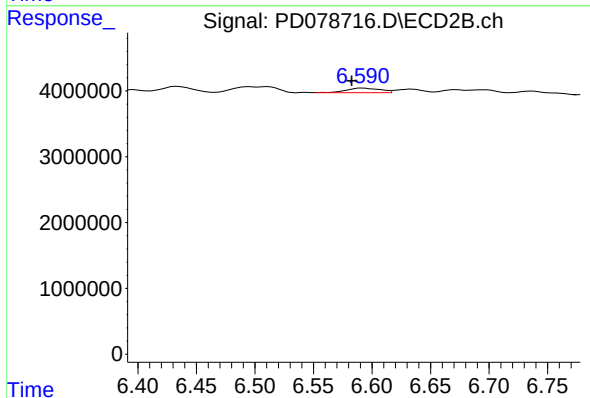
R.T.: 5.954 min  
Delta R.T.: 0.004 min  
Response: 570145  
Conc: 37.14 ng/ml



#25 Toxaphene-4

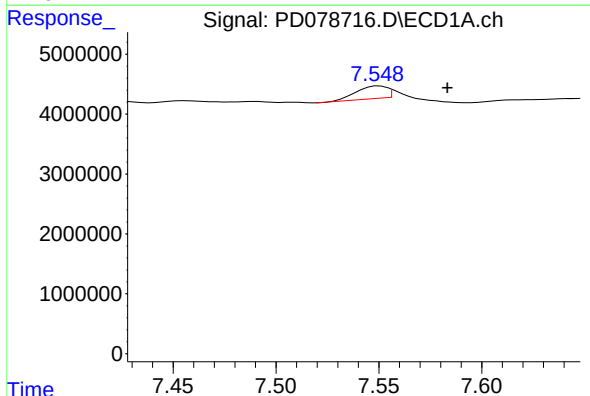
R.T.: 0.000 min  
Exp R.T.: 7.161 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



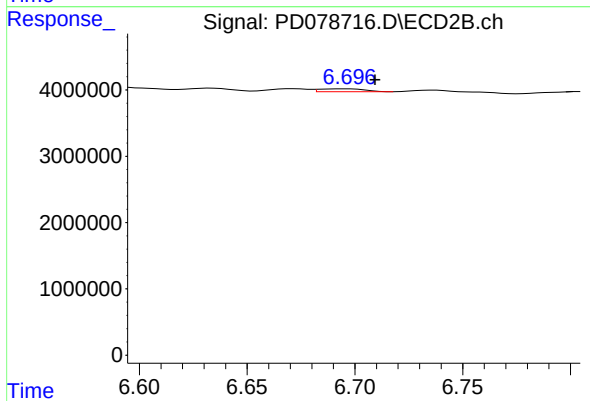
#25 Toxaphene-4

R.T.: 6.592 min  
Delta R.T.: 0.009 min  
Response: 1353966  
Conc: 30.64 ng/ml



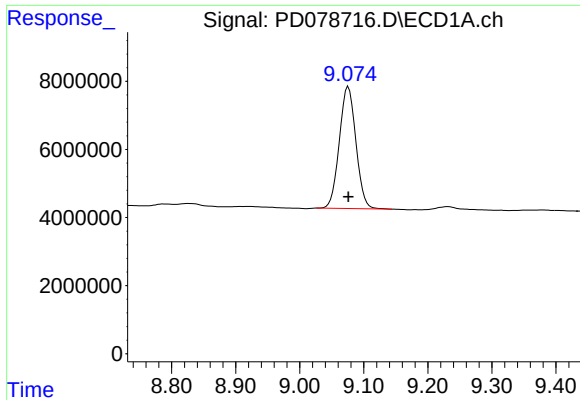
#26 Toxaphene-5

R.T.: 7.550 min  
Delta R.T.: -0.033 min  
Response: 2286671  
Conc: 48.92 ng/ml



#26 Toxaphene-5

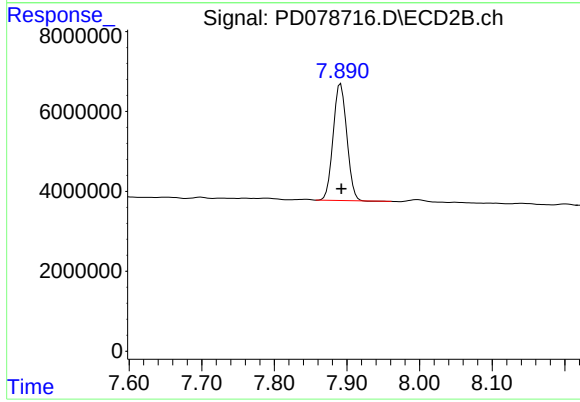
R.T.: 6.697 min  
Delta R.T.: -0.012 min  
Response: 632979  
Conc: 10.17 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: 0.000 min  
Response: 64166920  
Conc: 19.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.891 min  
Delta R.T.: -0.001 min  
Response: 38217298  
Conc: 20.64 ng/ml