

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081822\  
 Data File : PD071637.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2022 13:14  
 Operator : AR\AJ  
 Sample : INDA307  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 02:01:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 11 04:21:34 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

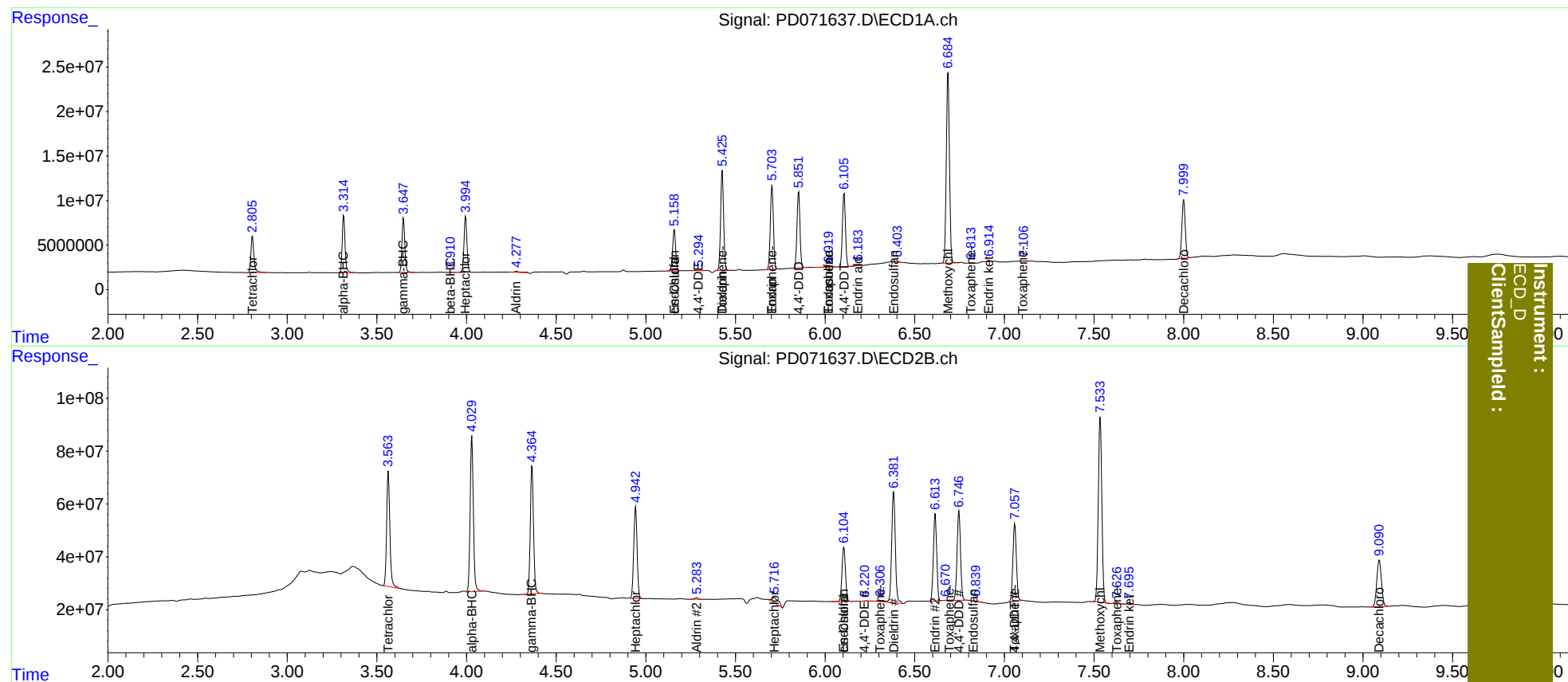
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 2.806  | 3.564  | 47853856 | 544.9E6  | 16.776   | 16.622     |
| 27)                         | SA Decachlor... | 8.000  | 9.091  | 85298616 | 317.7E6  | 30.381   | 33.141     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.315  | 4.030  | 70335516 | 731.4E6  | 17.097   | 17.319     |
| 3)                          | MA gamma-BHC... | 3.649  | 4.366  | 67477434 | 602.8E6  | 17.145   | 17.149     |
| 4)                          | MA Heptachlor   | 3.995  | 4.943  | 71124580 | 451.3E6  | 17.487   | 17.547     |
| 5)                          | MB Aldrin       | 4.279  | 5.285  | 3297313  | 7391164  | 0.796    | 0.330 #    |
| 6)                          | B beta-BHC      | 3.911f | 4.569  | 220601   | 288696   | 0.125    | <MDL #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.716  | 0        | 58429418 | N.D.     | 2.935      |
| 9)                          | A Endosulfan I  | 5.159  | 6.105  | 54225026 | 275.8E6  | 15.929   | 17.103     |
| 10)                         | B trans-Chl...  | 0.000  | 5.992  | 0        | 161772   | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 5.159f | 6.105f | 54225026 | 275.8E6  | 13.926   | 15.437     |
| 12)                         | B 4,4'-DDE      | 5.295  | 6.222  | 366845   | 2209163  | 0.103    | 0.140 #    |
| 13)                         | MA Dieldrin     | 5.427  | 6.382  | 129.2E6  | 598.4E6  | 34.064   | 36.121     |
| 14)                         | MA Endrin       | 5.704  | 6.614  | 113.0E6  | 422.4E6  | 34.455   | 33.283     |
| 15)                         | B Endosulfa...  | 6.020  | 6.830  | 1030483  | 2636733  | 0.330    | 0.202 #    |
| 16)                         | A 4,4'-DDD      | 5.853  | 6.747  | 100.4E6  | 452.0E6  | 36.895   | 37.119     |
| 17)                         | MA 4,4'-DDT     | 6.106  | 7.058  | 96550928 | 400.2E6  | 34.174   | 33.828     |
| 18)                         | B Endrin al...  | 6.185  | 6.976  | 705946   | 213443   | 0.263    | <MDL #     |
| 19)                         | B Endosulfa...  | 6.383  | 0.000  | 1023088  | 0        | 0.333    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.686  | 7.535  | 264.2E6  | 964.8E6  | 182.968  | 183.423    |
| 21)                         | B Endrin ke...  | 6.915  | 7.696  | 1002388  | 8800150  | 0.293    | 0.671 #    |
| 22)                         | Toxaphene-1     | 5.427f | 6.305f | 129.2E6  | 11635432 | 7075.815 | 95.603 #   |
| 23)                         | Toxaphene-2     | 5.704f | 6.684  | 113.0E6  | 1560743  | 5575.454 | 17.413 #   |
| 24)                         | Toxaphene-3     | 6.020  | 7.058f | 1030483  | 400.2E6  | 44.816   | 1192.366 # |
| 25)                         | Toxaphene-4     | 6.815  | 0.000  | 193581   | 0        | 2.060    | N.D. #     |
| 26)                         | Toxaphene-5     | 7.106  | 7.626  | 370956   | 9102561  | 8.739    | 58.723 #   |
| -----                       |                 |        |        |          |          |          |            |

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

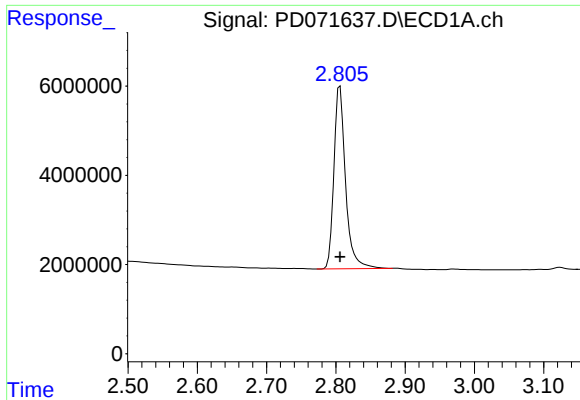
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081822\  
Data File : PD071637.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2022 13:14  
Operator : AR\AJ  
Sample : INDA307  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:01:19 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 11 04:21:34 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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



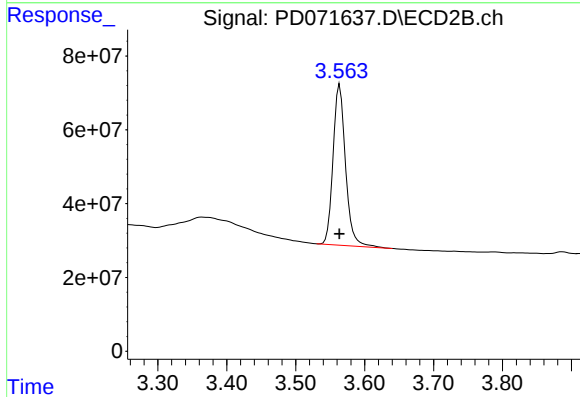
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

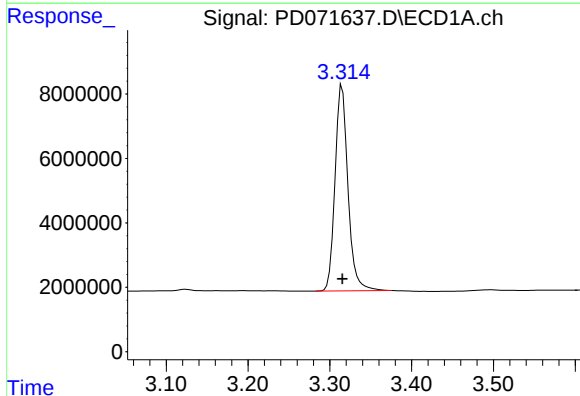
R.T.: 2.806 min  
Delta R.T.: 0.000 min  
Response: 47853856  
Conc: 16.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



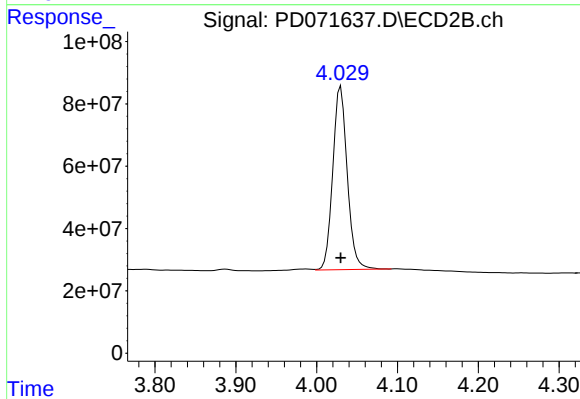
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.000 min  
Response: 544852124  
Conc: 16.62 ng/ml



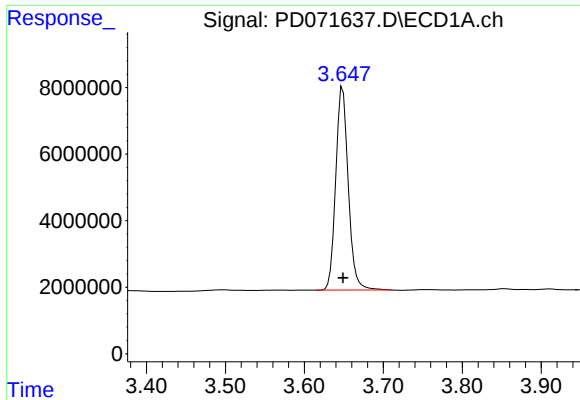
#2 alpha-BHC

R.T.: 3.315 min  
Delta R.T.: 0.000 min  
Response: 70335516  
Conc: 17.10 ng/ml



#2 alpha-BHC

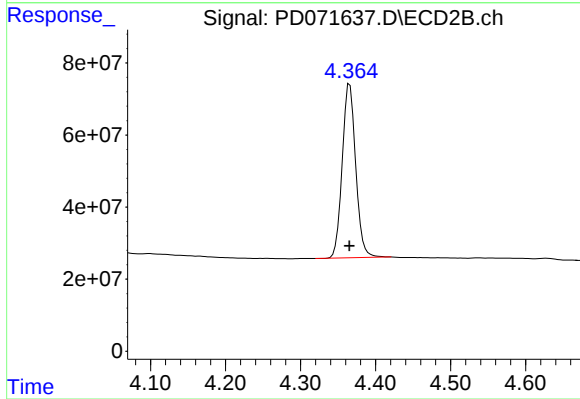
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 731449478  
Conc: 17.32 ng/ml



#3 gamma-BHC (Lindane)

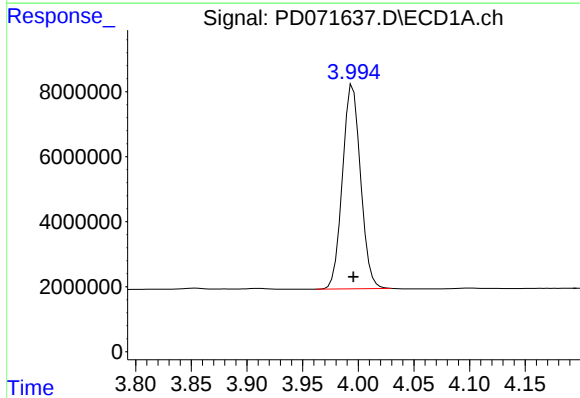
R.T.: 3.649 min  
Delta R.T.: 0.000 min  
Response: 67477434  
Conc: 17.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



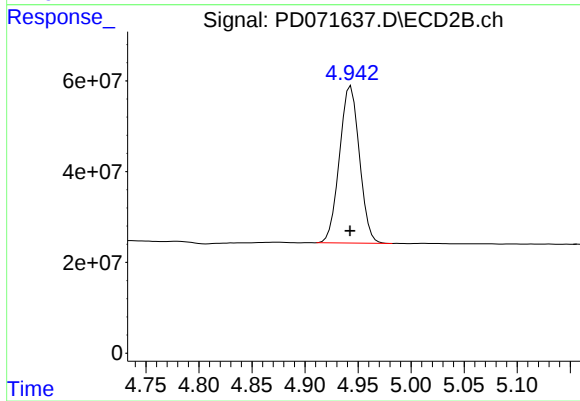
#3 gamma-BHC (Lindane)

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 602753682  
Conc: 17.15 ng/ml



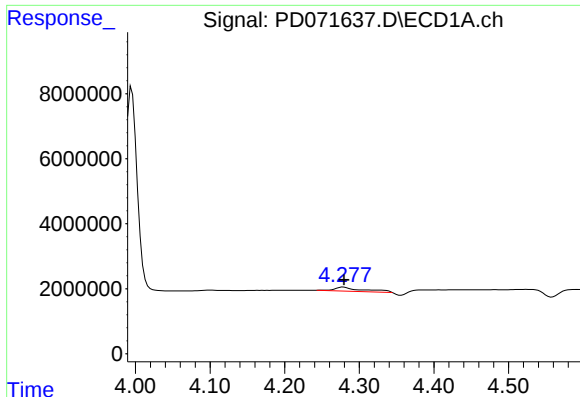
#4 Heptachlor

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 71124580  
Conc: 17.49 ng/ml



#4 Heptachlor

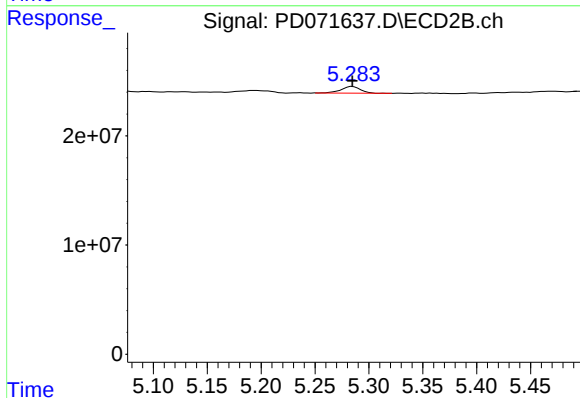
R.T.: 4.943 min  
Delta R.T.: 0.000 min  
Response: 451272922  
Conc: 17.55 ng/ml



#5 Aldrin

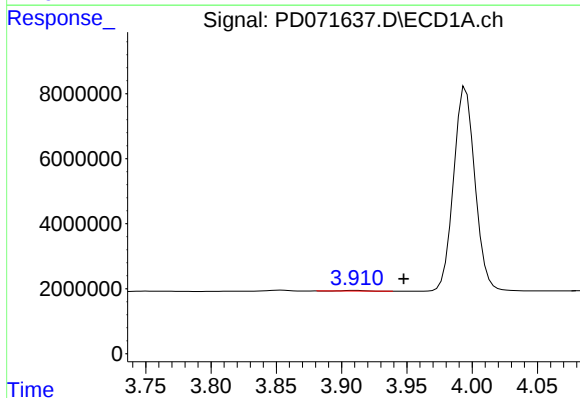
R.T.: 4.279 min  
Delta R.T.: 0.000 min  
Response: 3297313  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



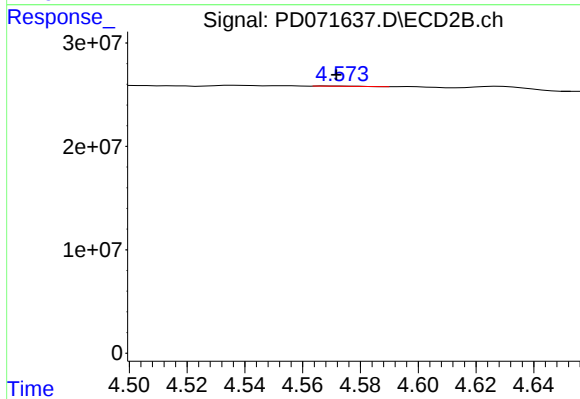
#5 Aldrin

R.T.: 5.285 min  
Delta R.T.: 0.000 min  
Response: 7391164  
Conc: 0.33 ng/ml



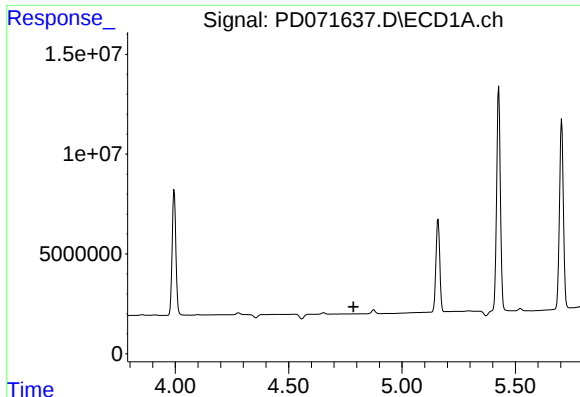
#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: -0.036 min  
Response: 220601  
Conc: 0.12 ng/ml



#6 beta-BHC

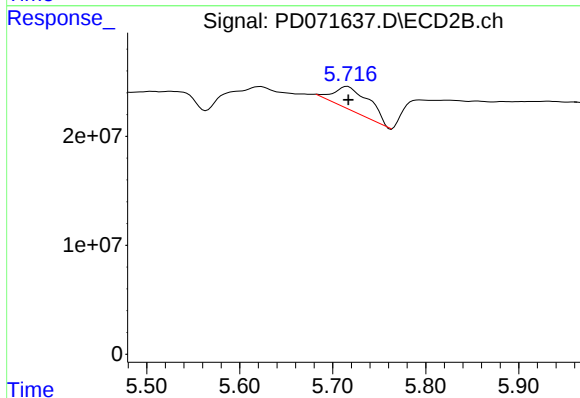
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 288696  
Conc: N.D.



#8 Heptachlor epoxide

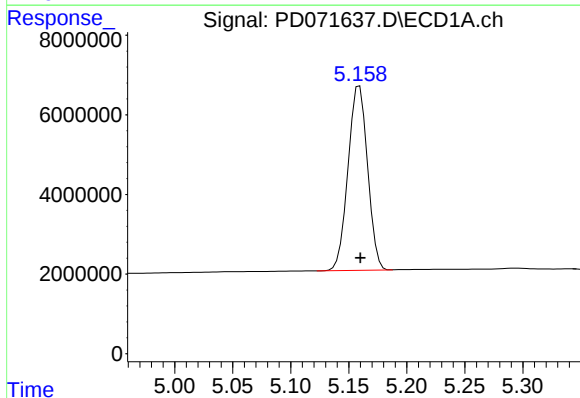
R.T.: 0.000 min  
Exp R.T.: 4.786 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



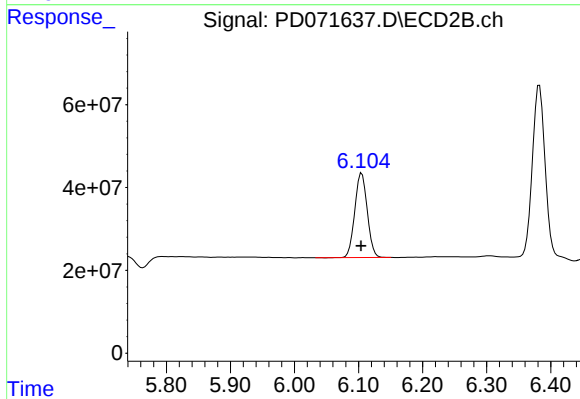
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: 0.000 min  
Response: 58429418  
Conc: 2.94 ng/ml



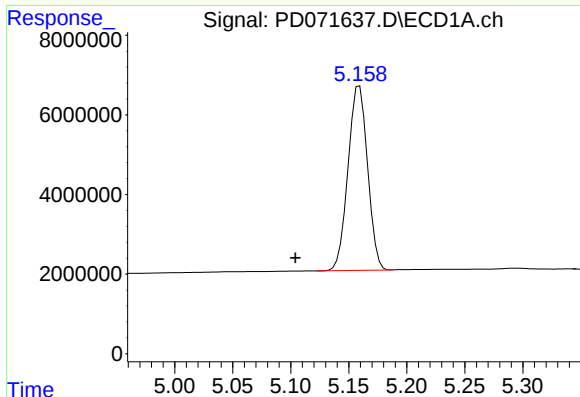
#9 Endosulfan I

R.T.: 5.159 min  
Delta R.T.: 0.000 min  
Response: 54225026  
Conc: 15.93 ng/ml



#9 Endosulfan I

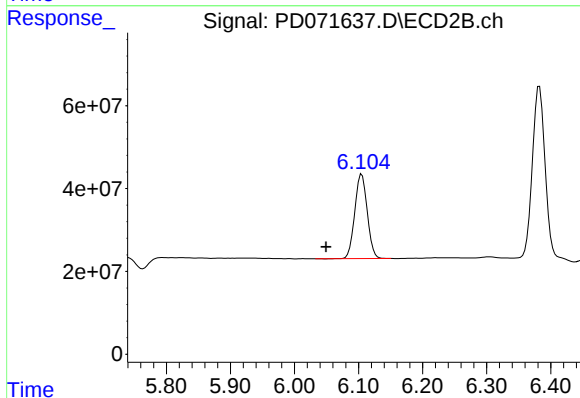
R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 275760545  
Conc: 17.10 ng/ml



#11 cis-Chlordane

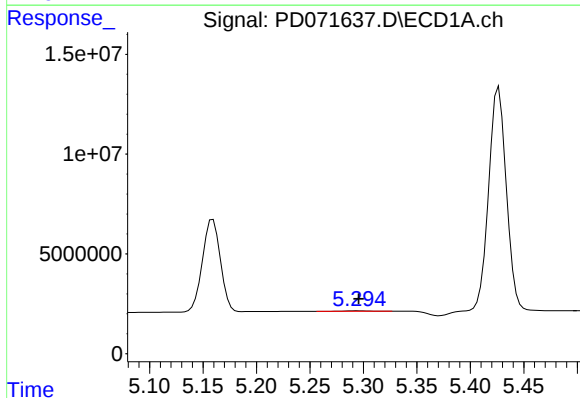
R.T.: 5.159 min  
Delta R.T.: 0.055 min  
Response: 54225026  
Conc: 13.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



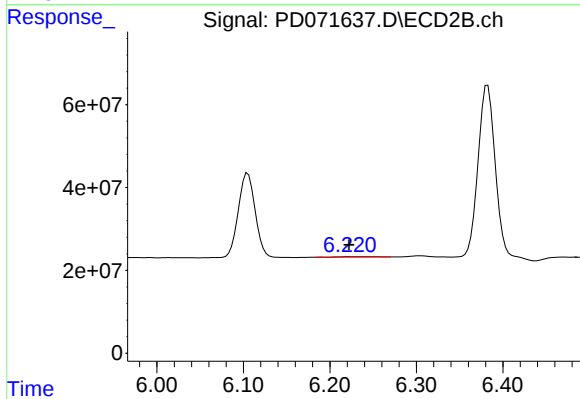
#11 cis-Chlordane

R.T.: 6.105 min  
Delta R.T.: 0.056 min  
Response: 275760545  
Conc: 15.44 ng/ml



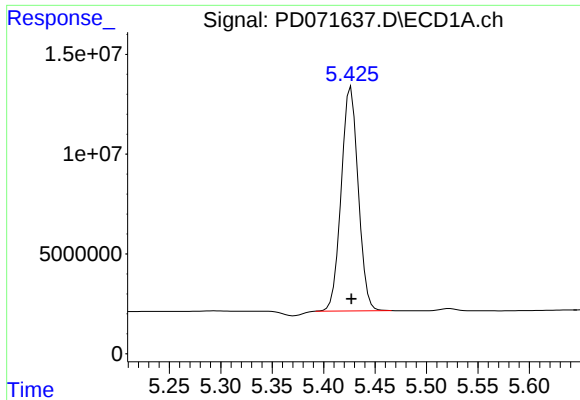
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 366845  
Conc: 0.10 ng/ml



#12 4,4'-DDE

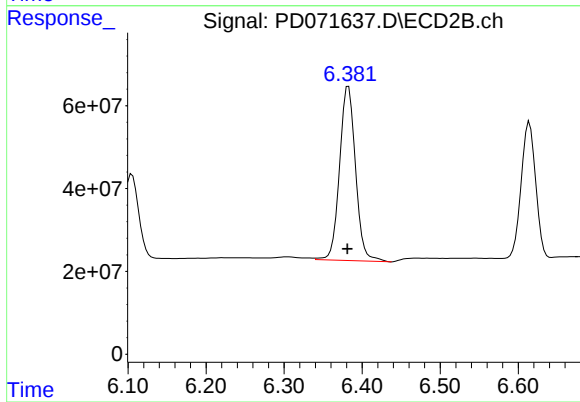
R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 2209163  
Conc: 0.14 ng/ml



#13 Dieldrin

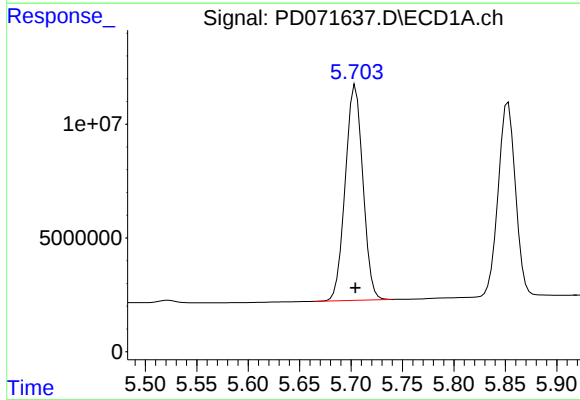
R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 129186287  
Conc: 34.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



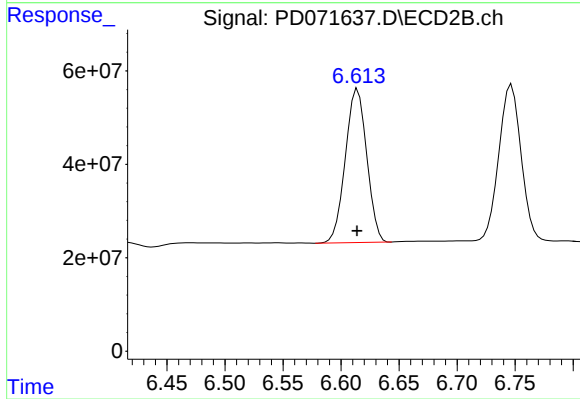
#13 Dieldrin

R.T.: 6.382 min  
Delta R.T.: 0.001 min  
Response: 598420069  
Conc: 36.12 ng/ml



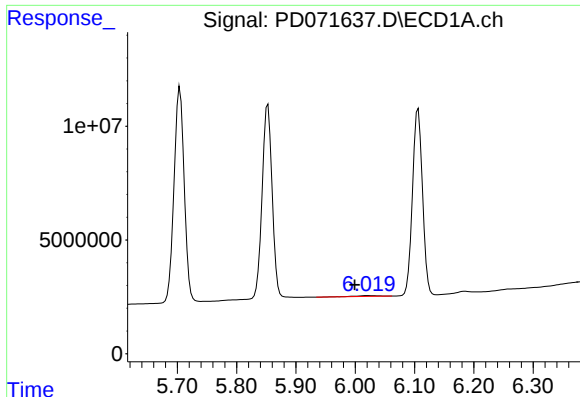
#14 Endrin

R.T.: 5.704 min  
Delta R.T.: 0.000 min  
Response: 112977980  
Conc: 34.46 ng/ml



#14 Endrin

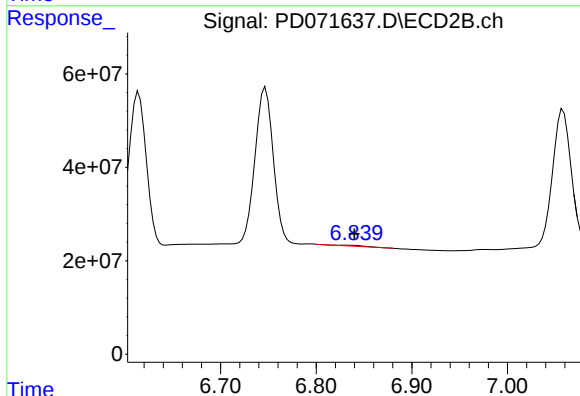
R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 422389595  
Conc: 33.28 ng/ml



#15 Endosulfan II

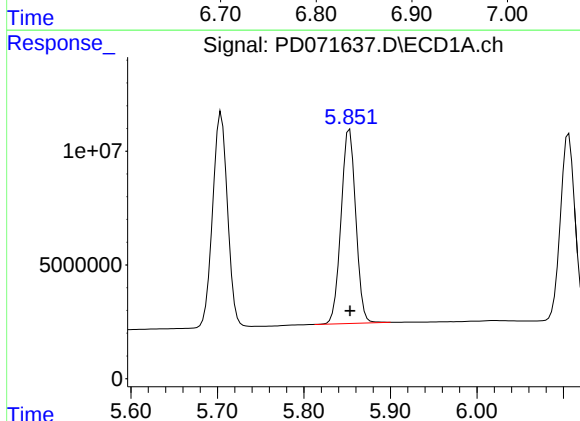
R.T.: 6.020 min  
Delta R.T.: 0.021 min  
Response: 1030483  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



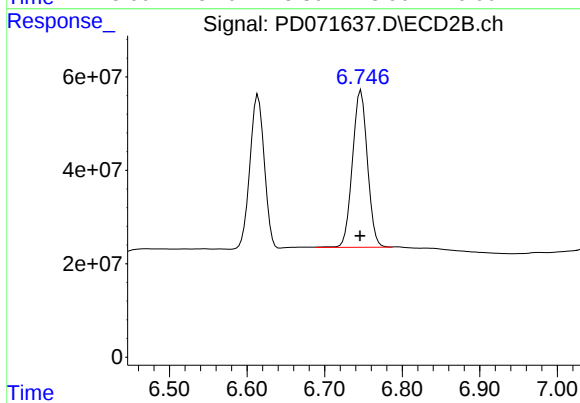
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.011 min  
Response: 2636733  
Conc: 0.20 ng/ml



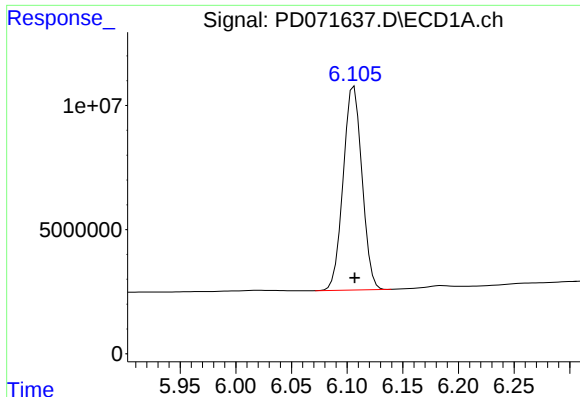
#16 4,4'-DDD

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 100372817  
Conc: 36.89 ng/ml



#16 4,4'-DDD

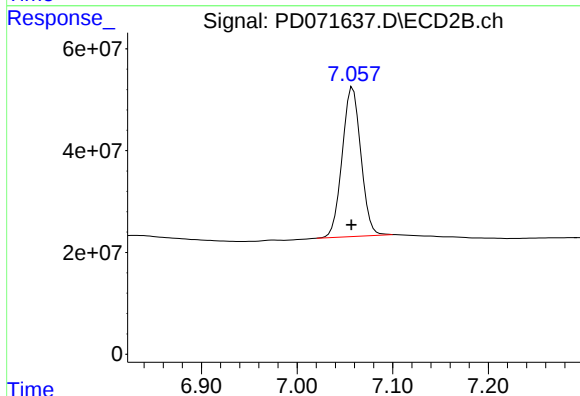
R.T.: 6.747 min  
Delta R.T.: 0.001 min  
Response: 451952183  
Conc: 37.12 ng/ml



#17 4,4'-DDT

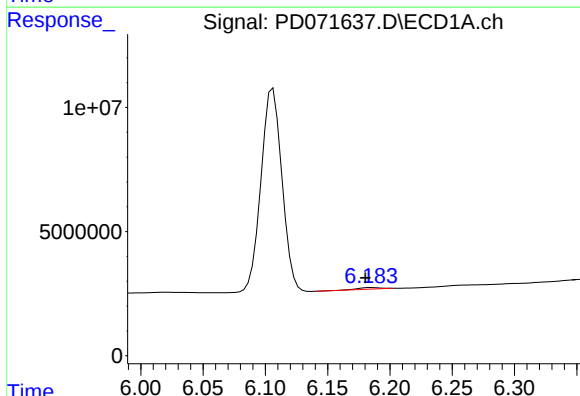
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 96550928  
Conc: 34.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



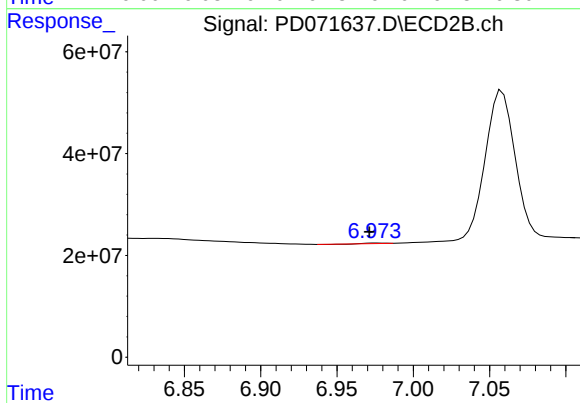
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.001 min  
Response: 400178022  
Conc: 33.83 ng/ml



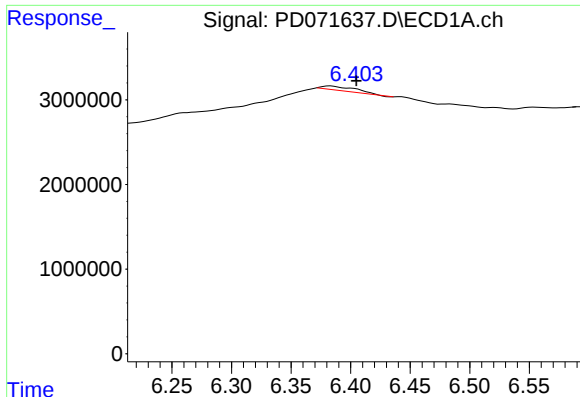
#18 Endrin aldehyde

R.T.: 6.185 min  
Delta R.T.: 0.005 min  
Response: 705946  
Conc: 0.26 ng/ml



#18 Endrin aldehyde

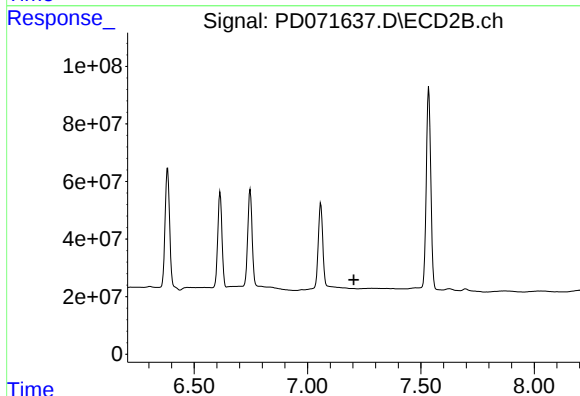
R.T.: 6.976 min  
Delta R.T.: 0.004 min  
Response: 213443  
Conc: N.D.



#19 Endosulfan Sulfate

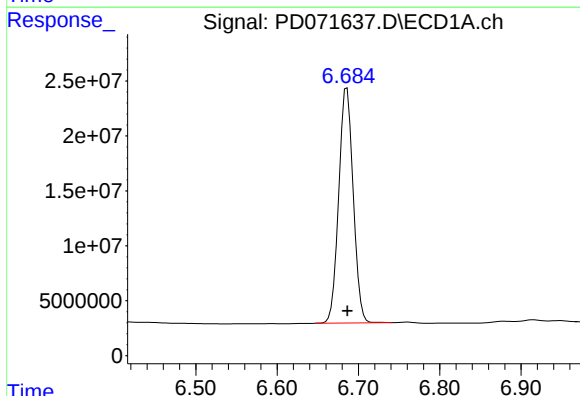
R.T.: 6.383 min  
Delta R.T.: -0.022 min  
Response: 1023088  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



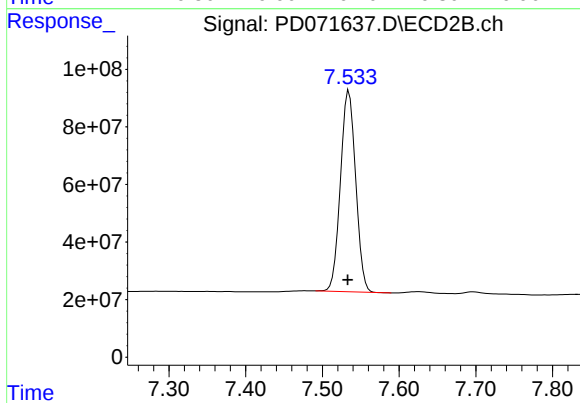
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.204 min  
Response: 0  
Conc: N.D.



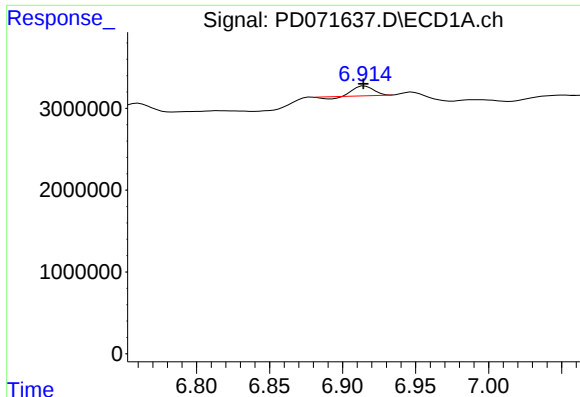
#20 Methoxychlor

R.T.: 6.686 min  
Delta R.T.: 0.000 min  
Response: 264162385  
Conc: 182.97 ng/ml



#20 Methoxychlor

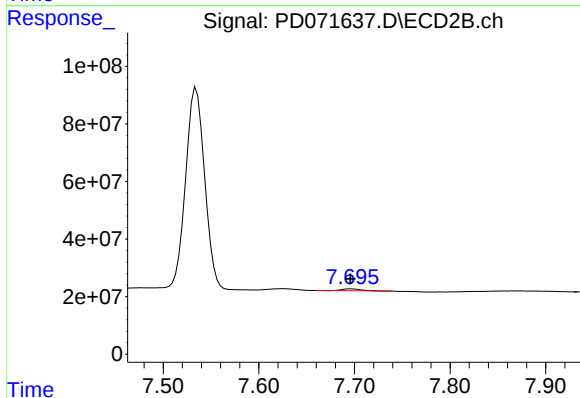
R.T.: 7.535 min  
Delta R.T.: 0.001 min  
Response: 964838553  
Conc: 183.42 ng/ml



#21 Endrin ketone

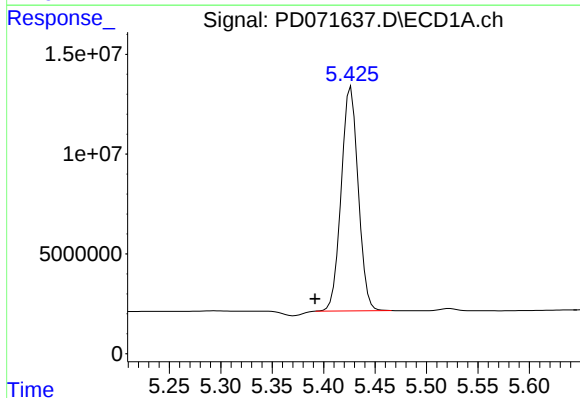
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 1002388  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



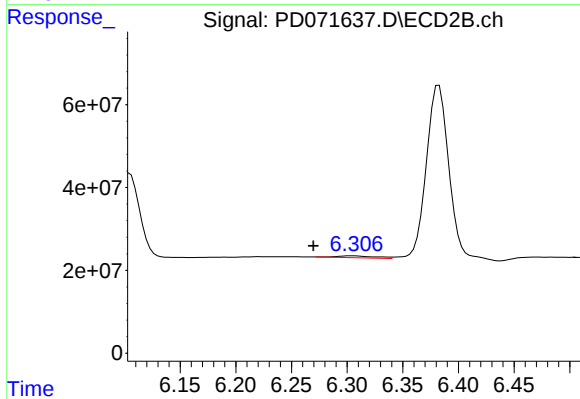
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: 0.000 min  
Response: 8800150  
Conc: 0.67 ng/ml



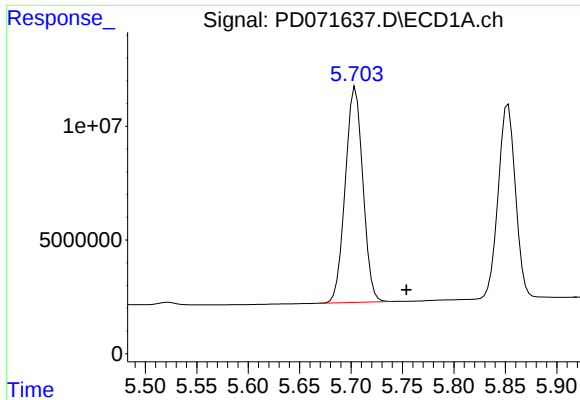
#22 Toxaphene-1

R.T.: 5.427 min  
Delta R.T.: 0.035 min  
Response: 129186287  
Conc: 7075.81 ng/ml



#22 Toxaphene-1

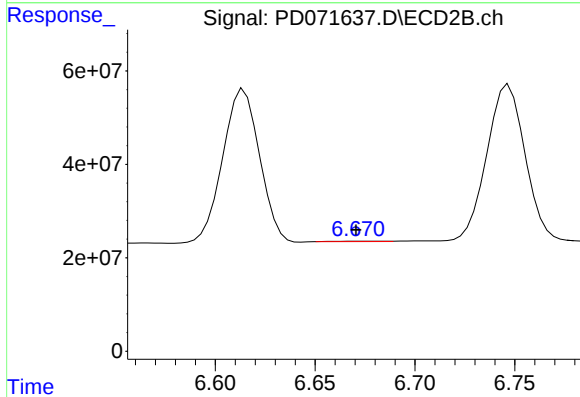
R.T.: 6.305 min  
Delta R.T.: 0.035 min  
Response: 11635432  
Conc: 95.60 ng/ml



#23 Toxaphene-2

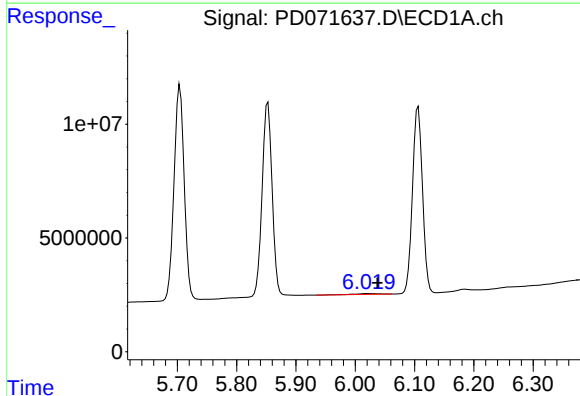
R.T.: 5.704 min  
Delta R.T.: -0.049 min  
Response: 112977980  
Conc: 5575.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



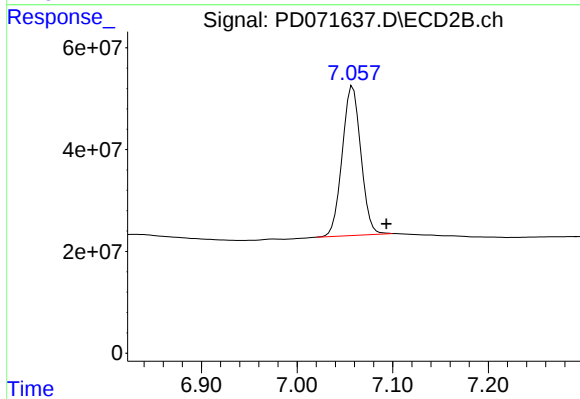
#23 Toxaphene-2

R.T.: 6.684 min  
Delta R.T.: 0.014 min  
Response: 1560743  
Conc: 17.41 ng/ml



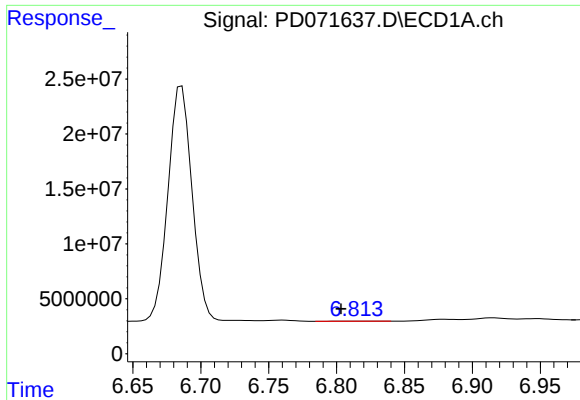
#24 Toxaphene-3

R.T.: 6.020 min  
Delta R.T.: -0.017 min  
Response: 1030483  
Conc: 44.82 ng/ml



#24 Toxaphene-3

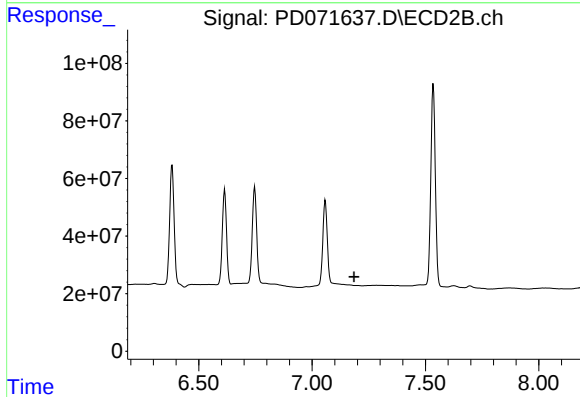
R.T.: 7.058 min  
Delta R.T.: -0.035 min  
Response: 400178022  
Conc: 1192.37 ng/ml



#25 Toxaphene-4

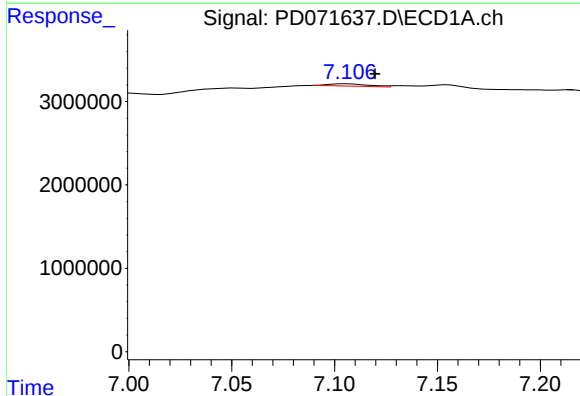
R.T.: 6.815 min  
Delta R.T.: 0.012 min  
Response: 193581  
Conc: 2.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



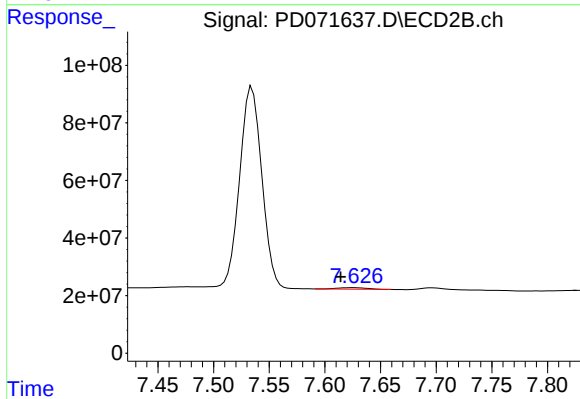
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.186 min  
Response: 0  
Conc: N.D.



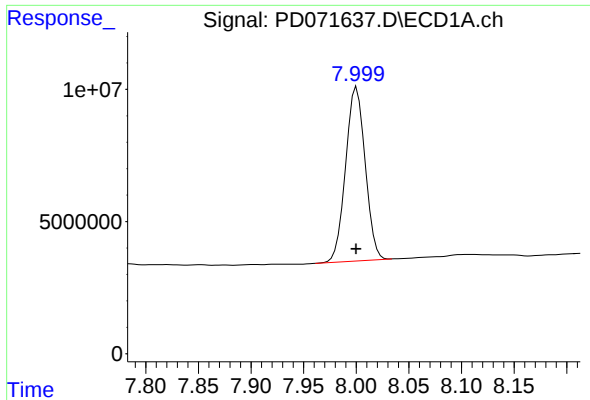
#26 Toxaphene-5

R.T.: 7.106 min  
Delta R.T.: -0.014 min  
Response: 370956  
Conc: 8.74 ng/ml



#26 Toxaphene-5

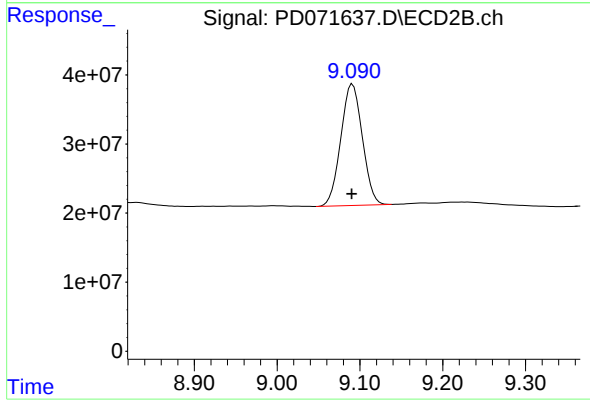
R.T.: 7.626 min  
Delta R.T.: 0.012 min  
Response: 9102561  
Conc: 58.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.000 min  
Delta R.T.: 0.000 min  
Response: 85298616  
Conc: 30.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.001 min  
Response: 317710977  
Conc: 33.14 ng/ml