

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042423\  
 Data File : PD074878.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2023 09:04  
 Operator : AR\AJ  
 Sample : PEM052  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 22:34:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 14 02:10:15 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

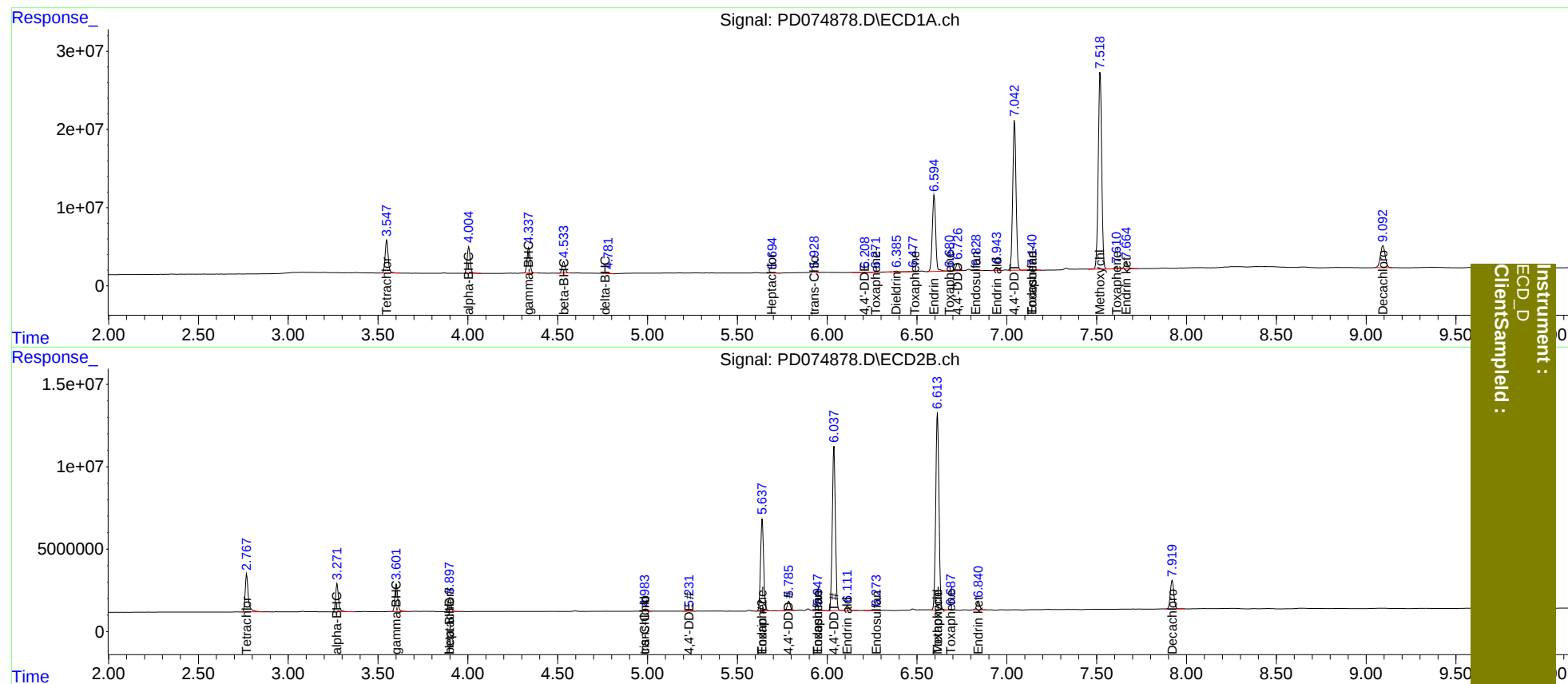
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.549  | 2.769  | 49387478 | 27626214 | 19.345  | 19.638     |
| 27)                         | SA Decachlor... | 9.094  | 7.921  | 52052554 | 23354266 | 16.981  | 17.304     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.005  | 3.272  | 38716137 | 19373815 | 9.338   | 9.658      |
| 3)                          | MA gamma-BHC... | 4.339  | 3.602  | 37068440 | 18491788 | 9.425   | 9.541      |
| 4)                          | MA Heptachlor   | 4.951  | 3.898f | 143485   | 8979238  | <MDL    | 4.727 #    |
| 6)                          | B beta-BHC      | 4.534  | 3.898  | 17654377 | 8979238  | 10.073  | 10.130     |
| 7)                          | B delta-BHC     | 4.766  | 0.000  | 890112   | 0        | 0.241   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.692  | 0.000  | 753806   | 0        | 0.206   | N.D. #     |
| 10)                         | B trans-Chl...  | 5.929  | 4.984  | 431767   | 716994   | 0.122   | 0.420 #    |
| 11)                         | B cis-Chlor...  | 0.000  | 4.984f | 0        | 716994   | N.D.    | 0.415      |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.232  | 455338   | 339699   | 0.132   | 0.208 #    |
| 13)                         | MA Dieldrin     | 6.386  | 0.000  | 1629759  | 0        | 0.436   | N.D. #     |
| 14)                         | MA Endrin       | 6.596  | 5.639  | 126.6E6  | 66436227 | 39.320  | 42.326     |
| 15)                         | B Endosulfa...  | 6.830  | 5.949  | 2261489  | 766338   | 0.705   | 0.507 #    |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.787  | 12371867 | 6581150  | 4.344   | 4.758      |
| 17)                         | MA 4,4'-DDT     | 7.043  | 6.038  | 244.9E6  | 120.3E6  | 80.491  | 83.669     |
| 18)                         | B Endrin al...  | 6.944  | 6.112  | 5443297  | 3271327  | 2.081   | 2.658 #    |
| 19)                         | B Endosulfa...  | 7.141f | 6.274f | 1234004  | 430196   | 0.403   | 0.304      |
| 20)                         | A Methoxychlor  | 7.520  | 6.614  | 334.9E6  | 151.0E6  | 196.987 | 205.341    |
| 21)                         | B Endrin ke...  | 7.666  | 6.842  | 10555496 | 6119222  | 2.965   | 3.632      |
| 22)                         | Toxaphene-1     | 6.273  | 0.000  | 180127   | 0        | 6.480   | N.D. #     |
| 23)                         | Toxaphene-2     | 6.479  | 5.639f | 565469   | 66436227 | 16.366  | 6062.226 # |
| 24)                         | Toxaphene-3     | 6.681  | 5.949  | 169157   | 766338   | 7.300   | 63.239 #   |
| 25)                         | Toxaphene-4     | 7.141  | 6.614  | 1234004  | 151.0E6  | 15.961  | 3977.693 # |
| 26)                         | Toxaphene-5     | 7.611  | 6.689f | 1802336  | 305592   | 31.289  | 6.109 #    |
| -----                       |                 |        |        |          |          |         |            |

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

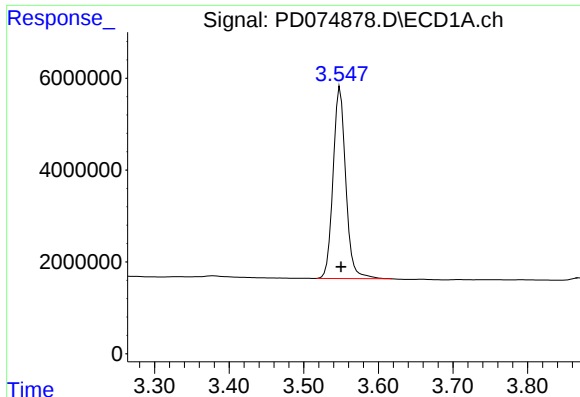
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042423\  
Data File : PD074878.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2023 09:04  
Operator : AR\AJ  
Sample : PEM052  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 22:34:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 14 02:10:15 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



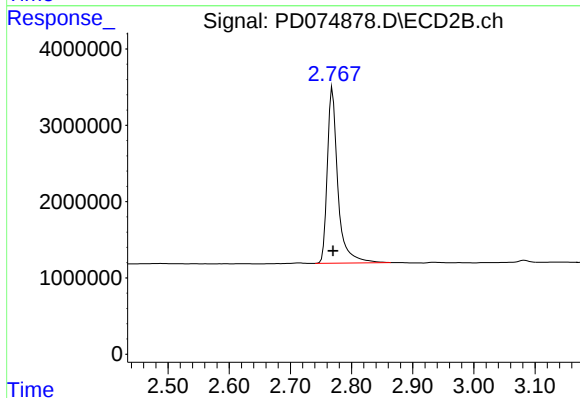
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

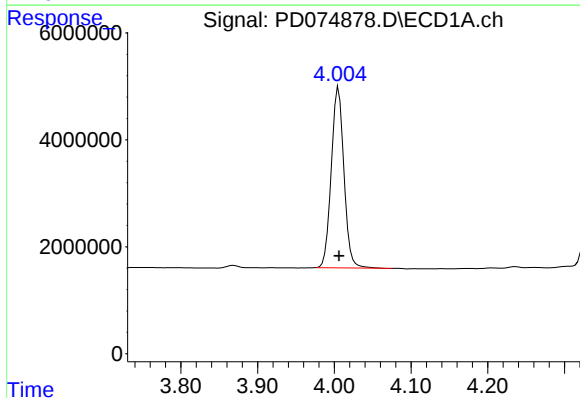
R.T.: 3.549 min  
Delta R.T.: -0.001 min  
Response: 49387478  
Conc: 19.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



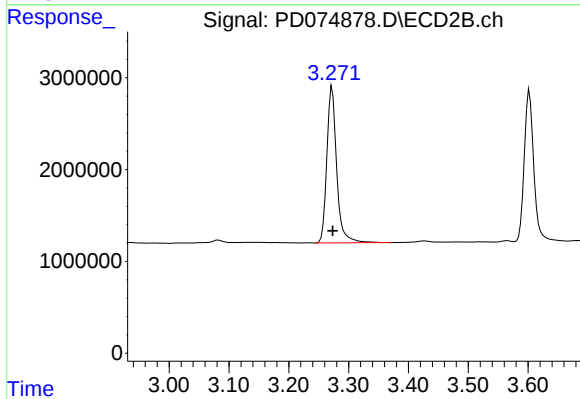
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.001 min  
Response: 27626214  
Conc: 19.64 ng/ml



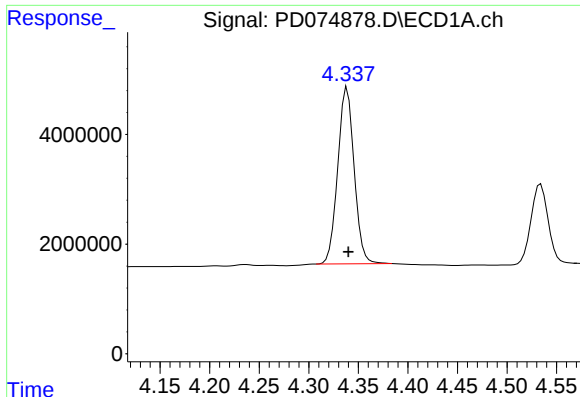
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 38716137  
Conc: 9.34 ng/ml



#2 alpha-BHC

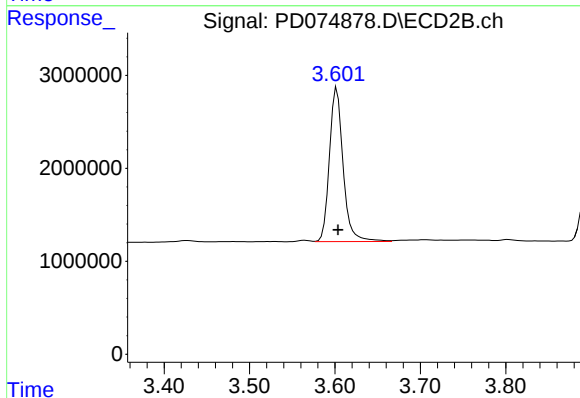
R.T.: 3.272 min  
Delta R.T.: -0.001 min  
Response: 19373815  
Conc: 9.66 ng/ml



#3 gamma-BHC (Lindane)

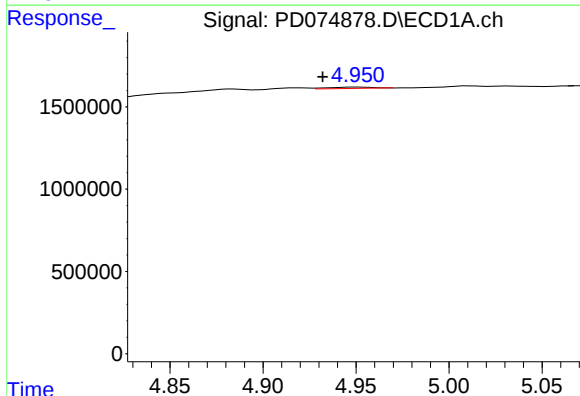
R.T.: 4.339 min  
Delta R.T.: -0.001 min  
Response: 37068440  
Conc: 9.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



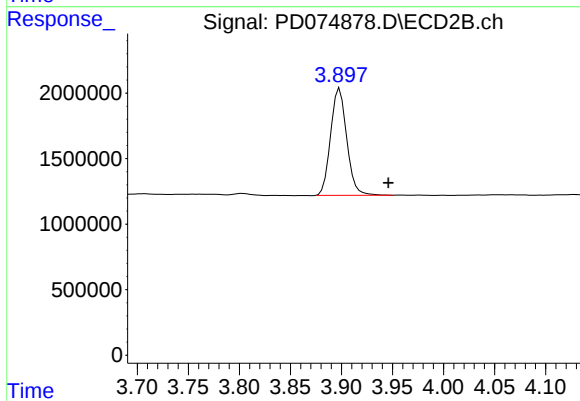
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: -0.001 min  
Response: 18491788  
Conc: 9.54 ng/ml



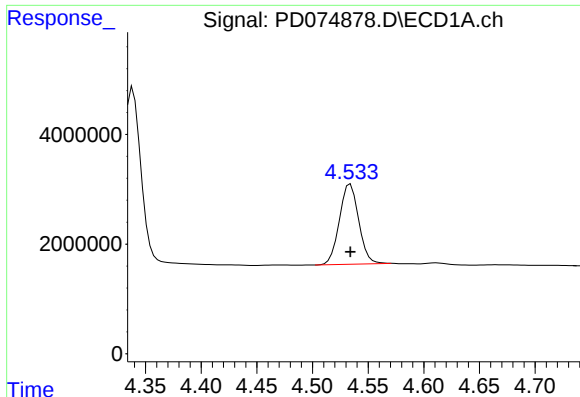
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.019 min  
Response: 143485  
Conc: N.D.



#4 Heptachlor

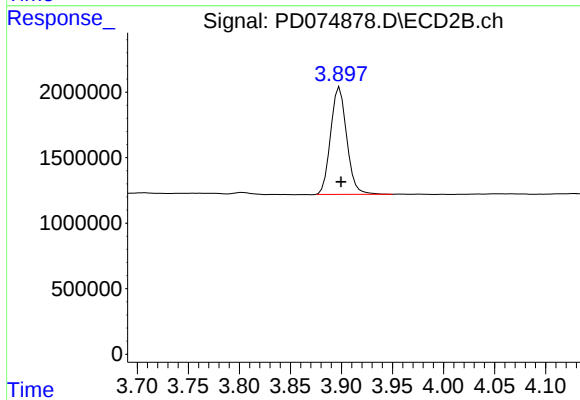
R.T.: 3.898 min  
Delta R.T.: -0.048 min  
Response: 8979238  
Conc: 4.73 ng/ml



#6 beta-BHC

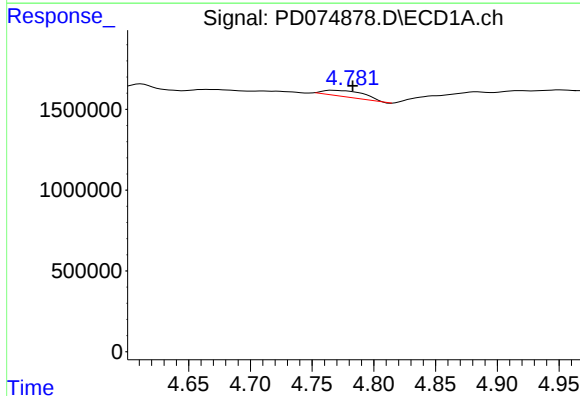
R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 17654377  
Conc: 10.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



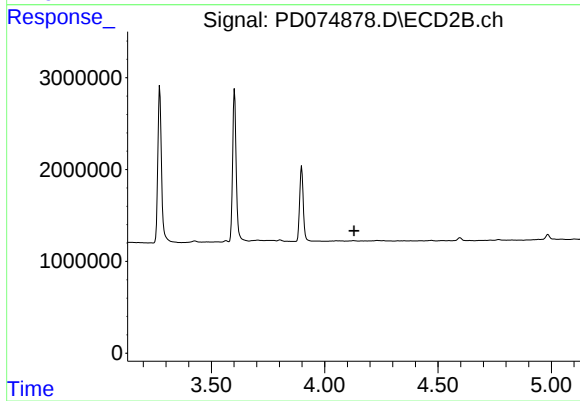
#6 beta-BHC

R.T.: 3.898 min  
Delta R.T.: -0.001 min  
Response: 8979238  
Conc: 10.13 ng/ml



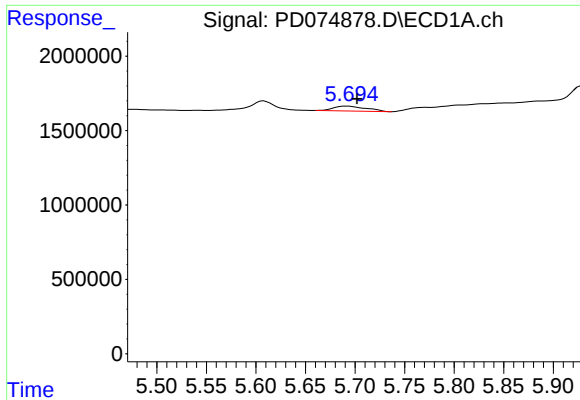
#7 delta-BHC

R.T.: 4.766 min  
Delta R.T.: -0.016 min  
Response: 890112  
Conc: 0.24 ng/ml



#7 delta-BHC

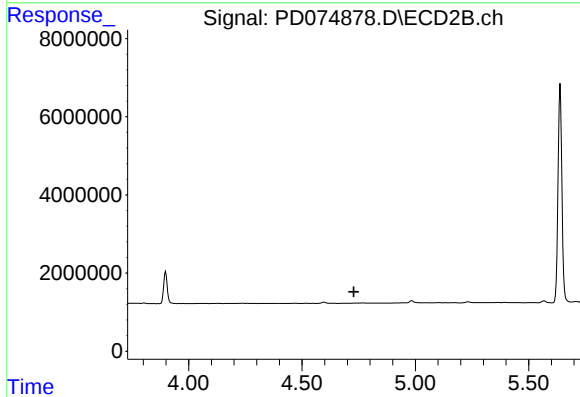
R.T.: 0.000 min  
Exp R.T. : 4.130 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

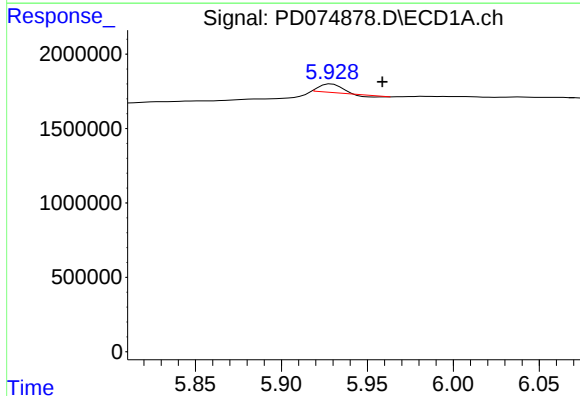
R.T.: 5.692 min  
Delta R.T.: -0.010 min  
Response: 753806  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



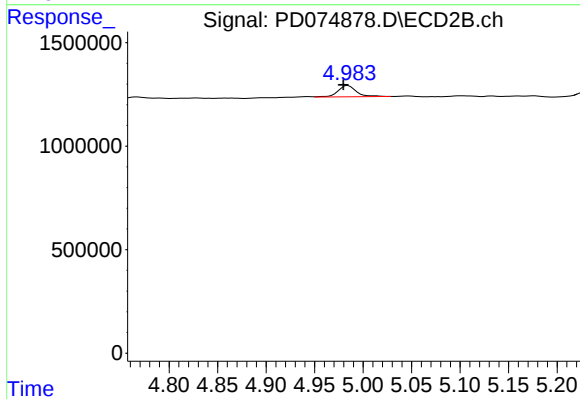
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.729 min  
Response: 0  
Conc: N.D.



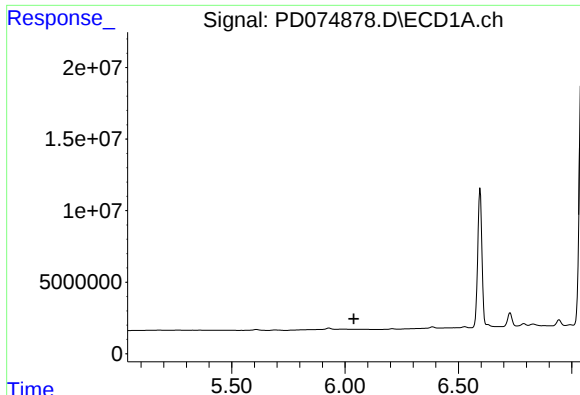
#10 trans-Chlordane

R.T.: 5.929 min  
Delta R.T.: -0.029 min  
Response: 431767  
Conc: 0.12 ng/ml



#10 trans-Chlordane

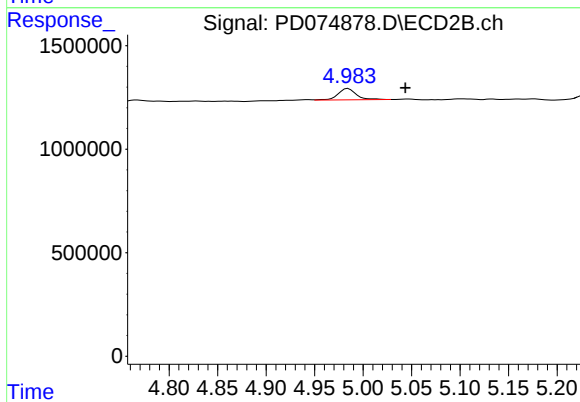
R.T.: 4.984 min  
Delta R.T.: 0.005 min  
Response: 716994  
Conc: 0.42 ng/ml



#11 cis-Chlordane

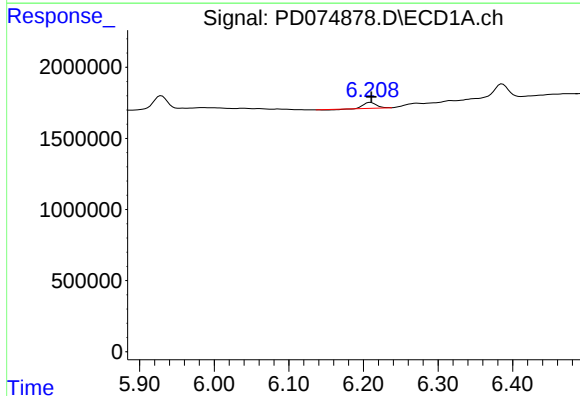
R.T.: 0.000 min  
Exp R.T.: 6.039 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



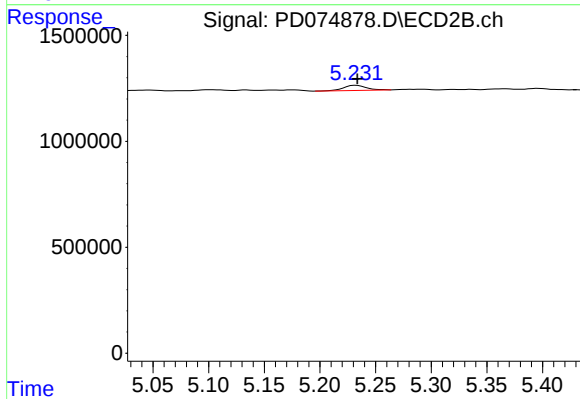
#11 cis-Chlordane

R.T.: 4.984 min  
Delta R.T.: -0.059 min  
Response: 716994  
Conc: 0.41 ng/ml



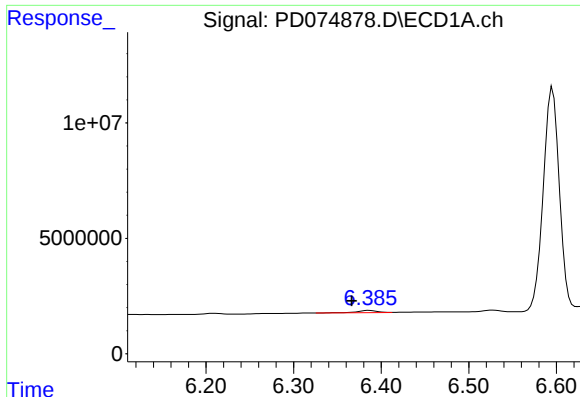
#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 455338  
Conc: 0.13 ng/ml



#12 4,4'-DDE

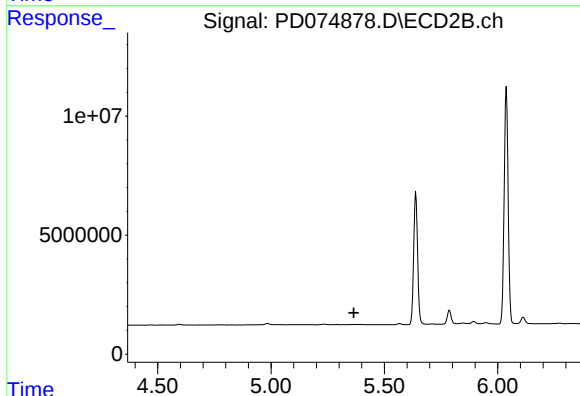
R.T.: 5.232 min  
Delta R.T.: -0.001 min  
Response: 339699  
Conc: 0.21 ng/ml



#13 Dieldrin

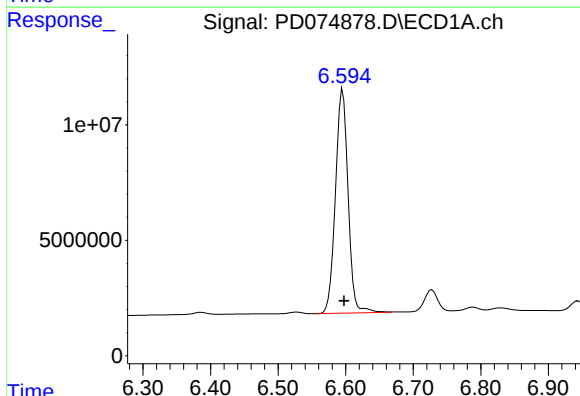
R.T.: 6.386 min  
Delta R.T.: 0.020 min  
Response: 1629759  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



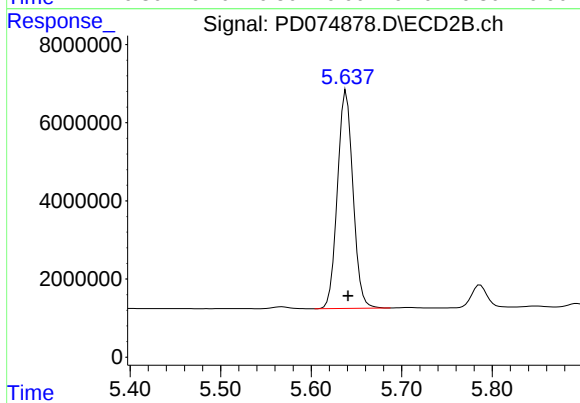
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.365 min  
Response: 0  
Conc: N.D.



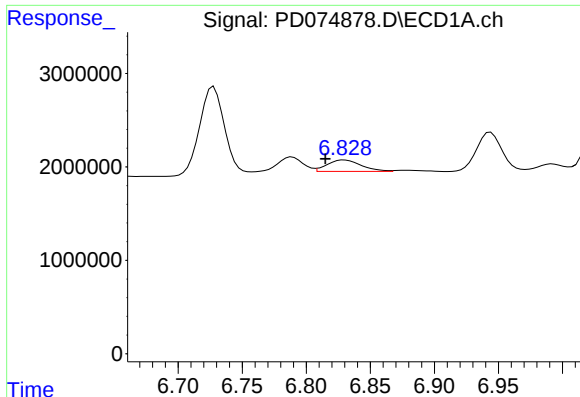
#14 Endrin

R.T.: 6.596 min  
Delta R.T.: -0.002 min  
Response: 126649427  
Conc: 39.32 ng/ml



#14 Endrin

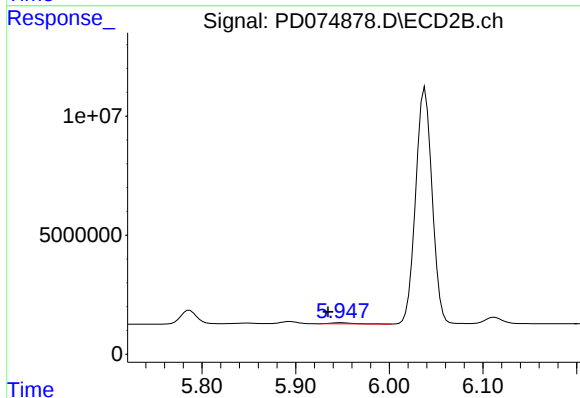
R.T.: 5.639 min  
Delta R.T.: -0.002 min  
Response: 66436227  
Conc: 42.33 ng/ml



#15 Endosulfan II

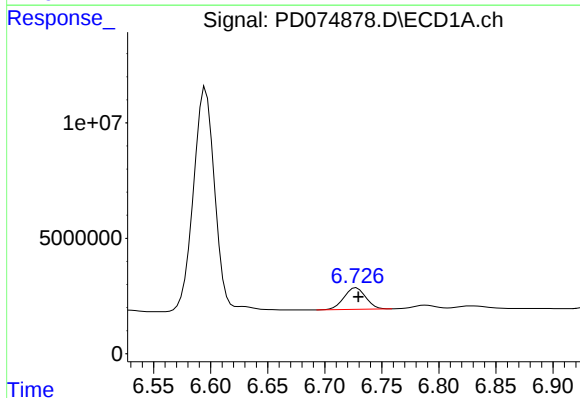
R.T.: 6.830 min  
Delta R.T.: 0.015 min  
Response: 2261489  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



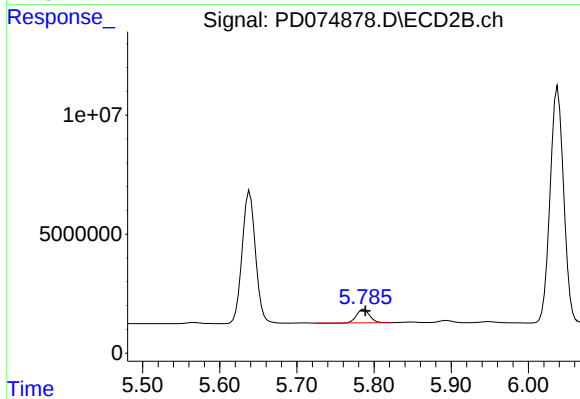
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: 0.014 min  
Response: 766338  
Conc: 0.51 ng/ml



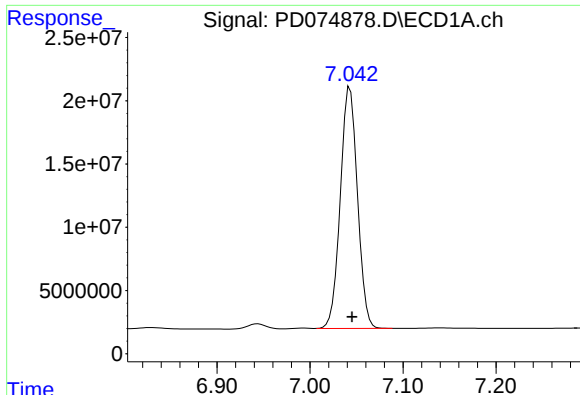
#16 4,4'-DDD

R.T.: 6.728 min  
Delta R.T.: -0.002 min  
Response: 12371867  
Conc: 4.34 ng/ml



#16 4,4'-DDD

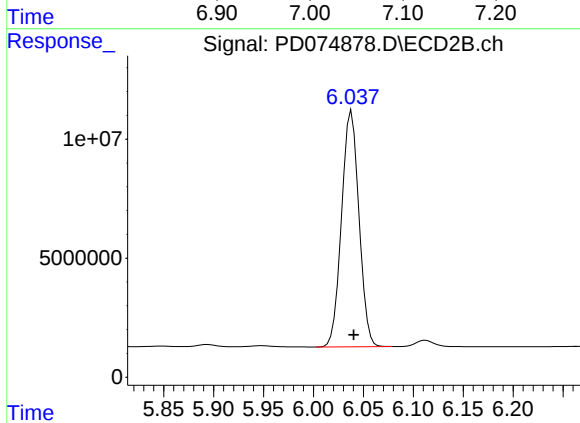
R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 6581150  
Conc: 4.76 ng/ml



#17 4,4'-DDT

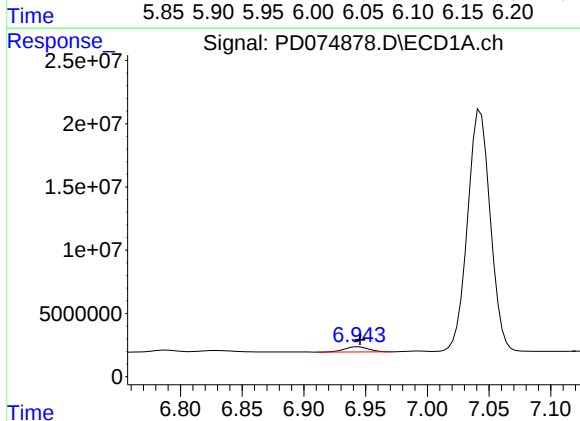
R.T.: 7.043 min  
Delta R.T.: -0.002 min  
Response: 244936353  
Conc: 80.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



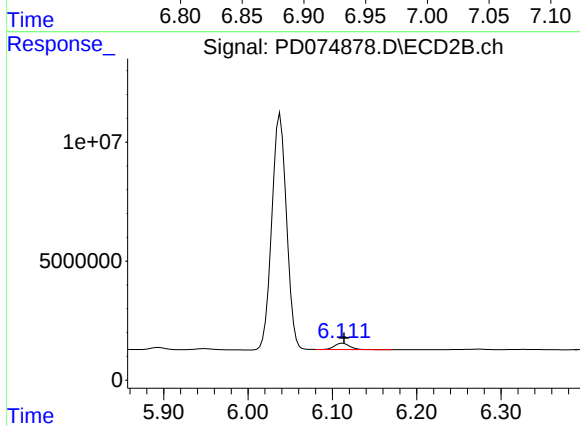
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: -0.002 min  
Response: 120312816  
Conc: 83.67 ng/ml



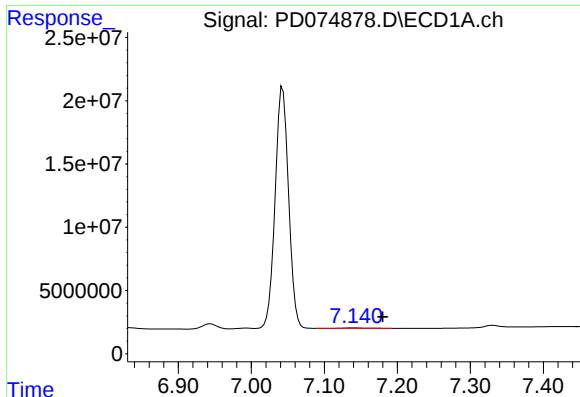
#18 Endrin aldehyde

R.T.: 6.944 min  
Delta R.T.: -0.001 min  
Response: 5443297  
Conc: 2.08 ng/ml



#18 Endrin aldehyde

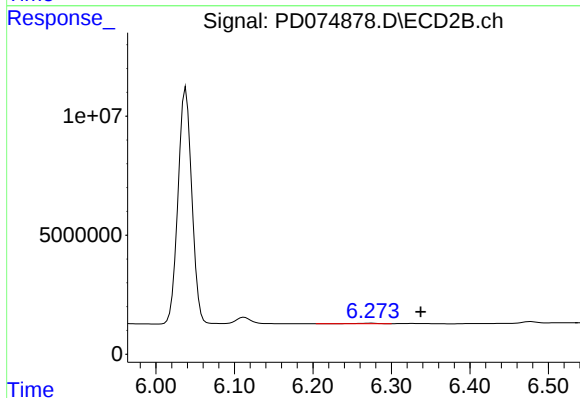
R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 3271327  
Conc: 2.66 ng/ml



#19 Endosulfan Sulfate

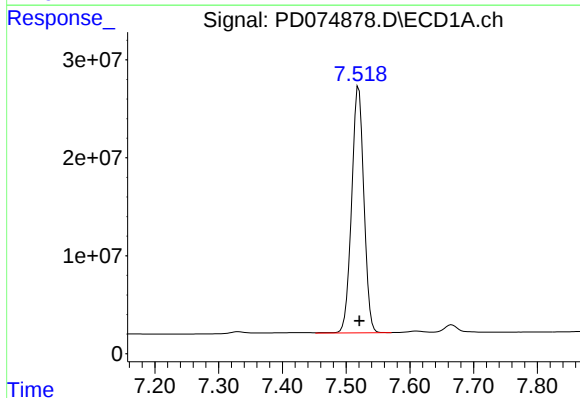
R.T.: 7.141 min  
Delta R.T.: -0.039 min  
Response: 1234004  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



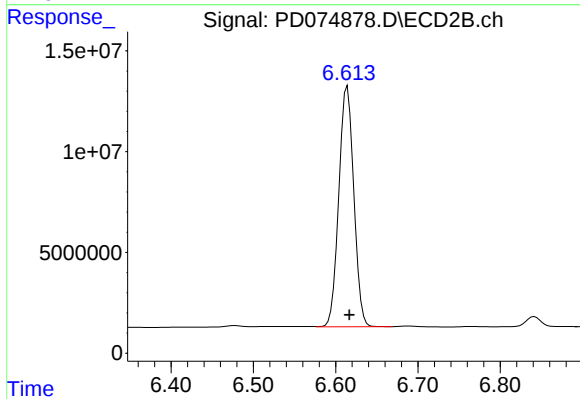
#19 Endosulfan Sulfate

R.T.: 6.274 min  
Delta R.T.: -0.063 min  
Response: 430196  
Conc: 0.30 ng/ml



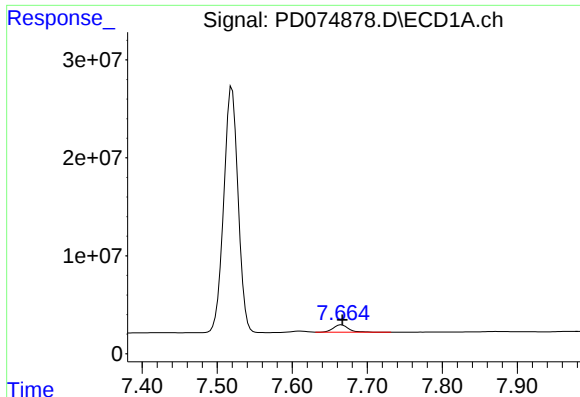
#20 Methoxychlor

R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 334948250  
Conc: 196.99 ng/ml



#20 Methoxychlor

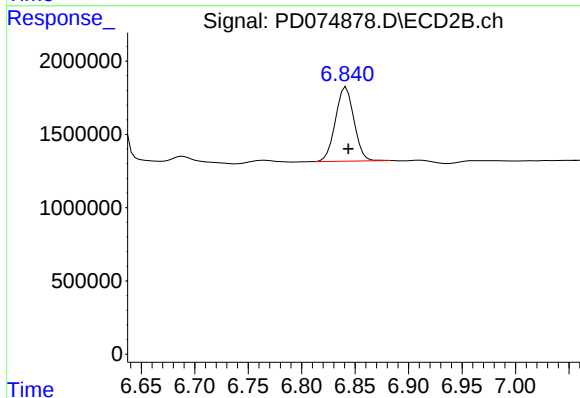
R.T.: 6.614 min  
Delta R.T.: -0.003 min  
Response: 150982497  
Conc: 205.34 ng/ml



#21 Endrin ketone

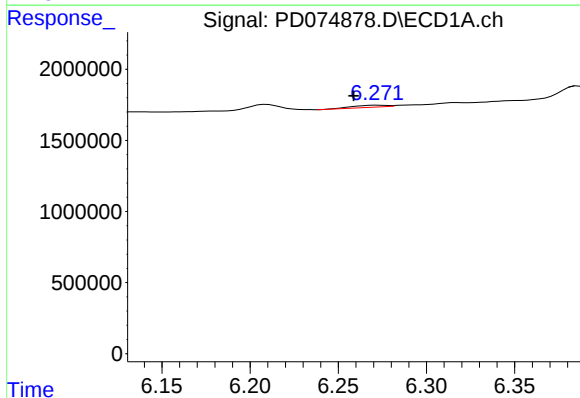
R.T.: 7.666 min  
Delta R.T.: -0.001 min  
Response: 10555496  
Conc: 2.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



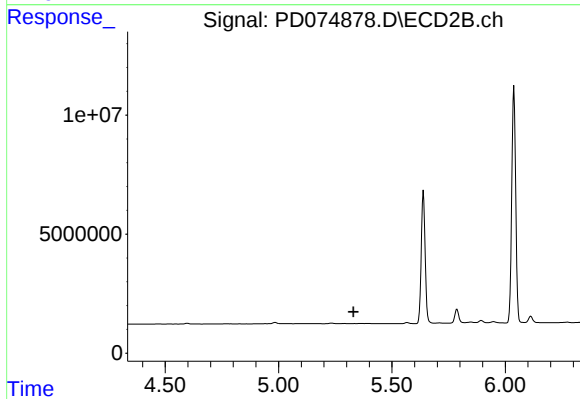
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.002 min  
Response: 6119222  
Conc: 3.63 ng/ml



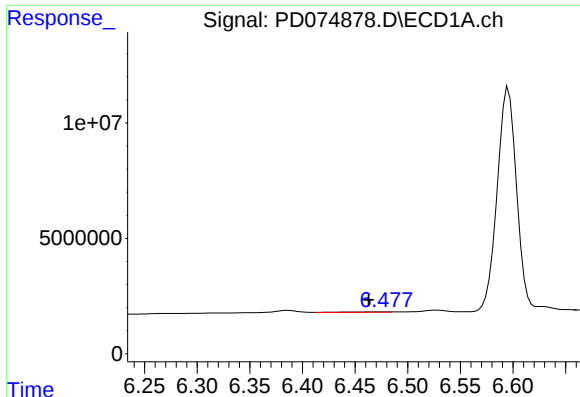
#22 Toxaphene-1

R.T.: 6.273 min  
Delta R.T.: 0.014 min  
Response: 180127  
Conc: 6.48 ng/ml



#22 Toxaphene-1

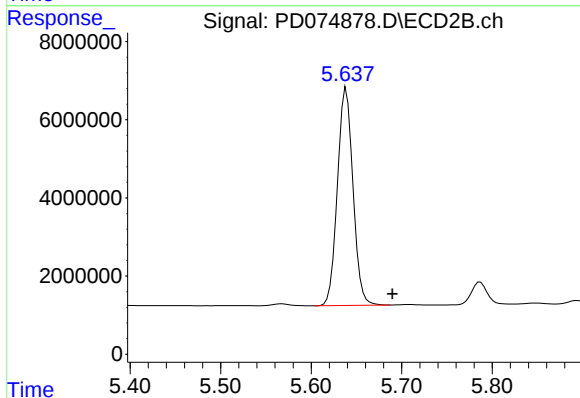
R.T.: 0.000 min  
Exp R.T. : 5.331 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

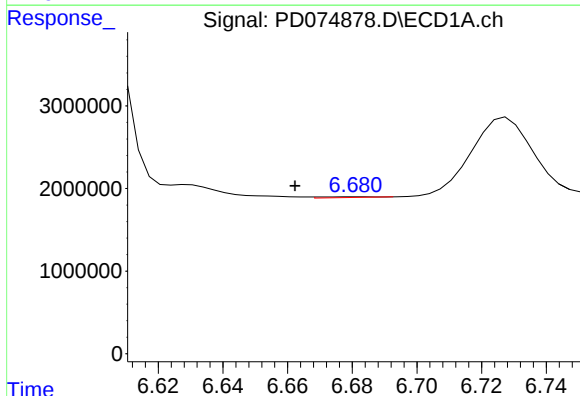
R.T.: 6.479 min  
Delta R.T.: 0.016 min  
Response: 565469  
Conc: 16.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



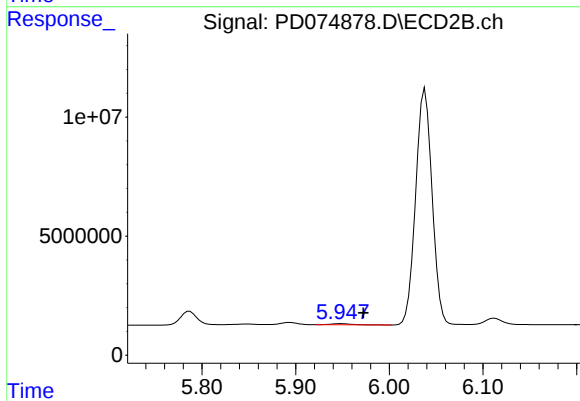
#23 Toxaphene-2

R.T.: 5.639 min  
Delta R.T.: -0.051 min  
Response: 66436227  
Conc: 6062.23 ng/ml



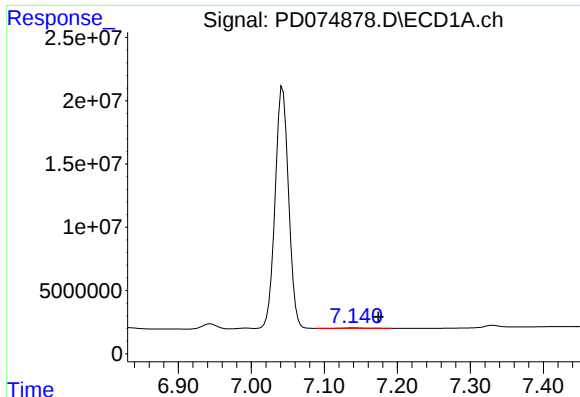
#24 Toxaphene-3

R.T.: 6.681 min  
Delta R.T.: 0.019 min  
Response: 169157  
Conc: 7.30 ng/ml



#24 Toxaphene-3

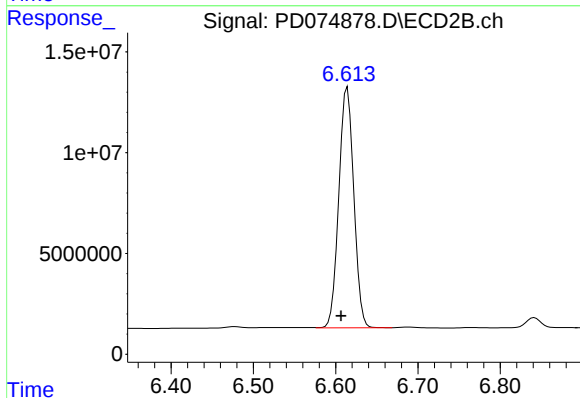
R.T.: 5.949 min  
Delta R.T.: -0.023 min  
Response: 766338  
Conc: 63.24 ng/ml



#25 Toxaphene-4

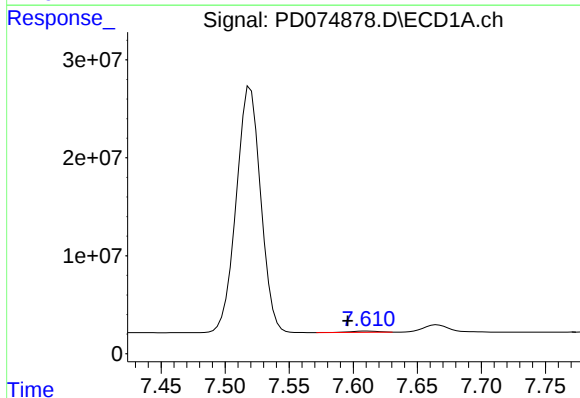
R.T.: 7.141 min  
Delta R.T.: -0.033 min  
Response: 1234004  
Conc: 15.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



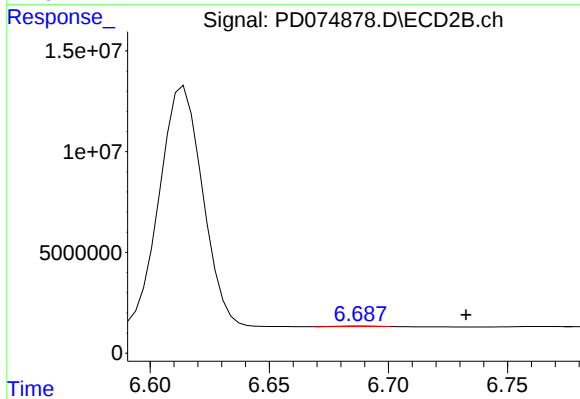
#25 Toxaphene-4

R.T.: 6.614 min  
Delta R.T.: 0.008 min  
Response: 150982497  
Conc: 3977.69 ng/ml



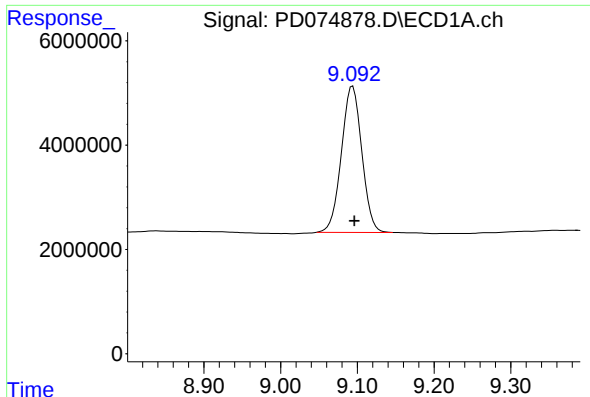
#26 Toxaphene-5

R.T.: 7.611 min  
Delta R.T.: 0.015 min  
Response: 1802336  
Conc: 31.29 ng/ml



#26 Toxaphene-5

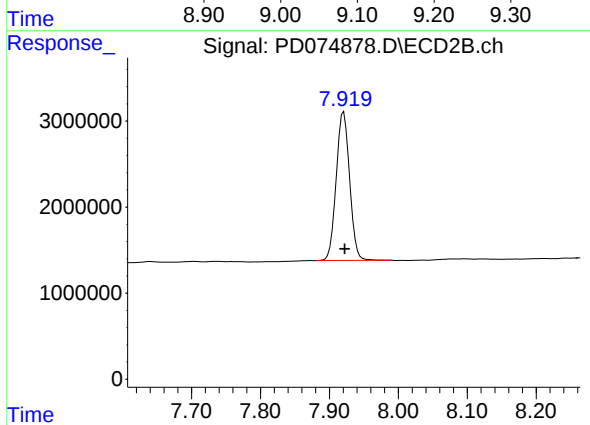
R.T.: 6.689 min  
Delta R.T.: -0.044 min  
Response: 305592  
Conc: 6.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.094 min  
Delta R.T.: -0.002 min  
Response: 52052554  
Conc: 16.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.001 min  
Response: 23354266  
Conc: 17.30 ng/ml