

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101722\  
 Data File : PD072471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2022 20:52  
 Operator : AR\AJ  
 Sample : N4984-04MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 06:27:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101722CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 18 06:21:39 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

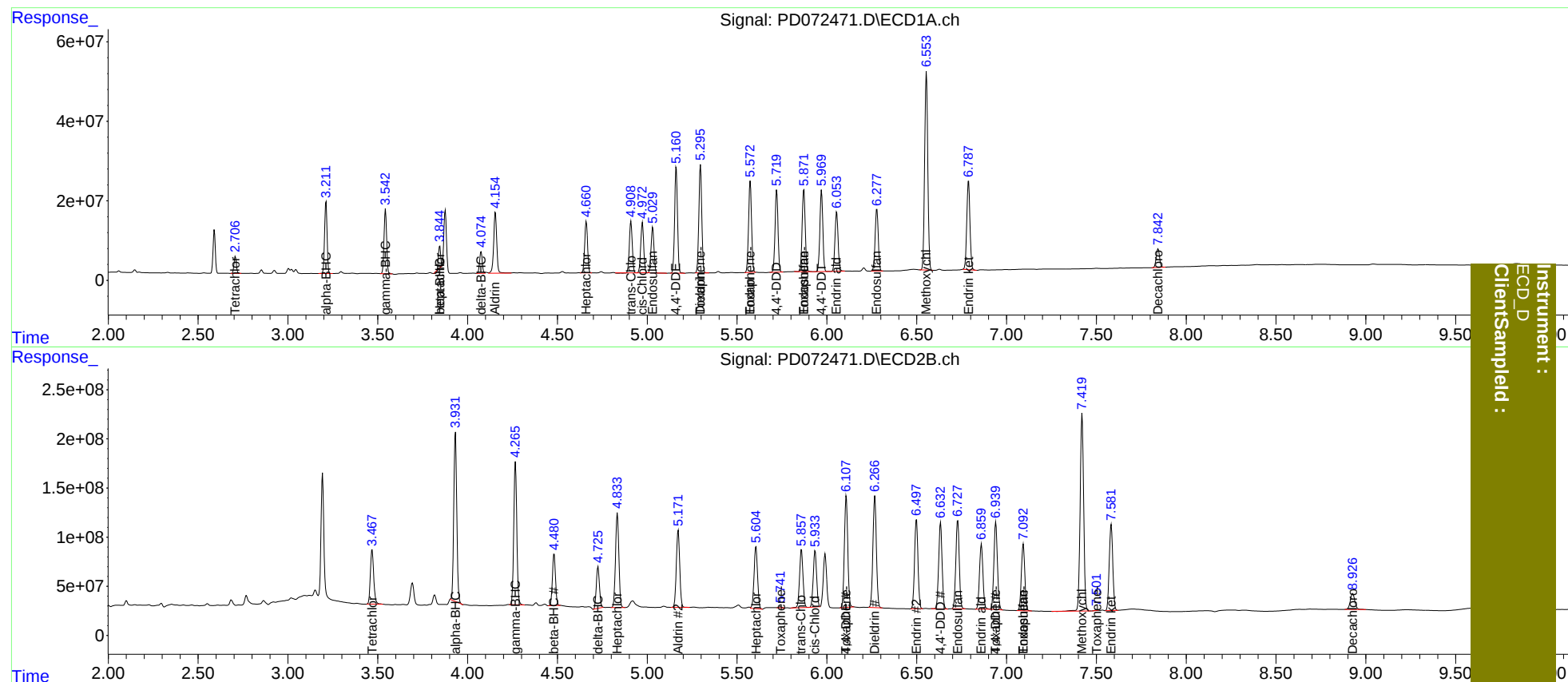
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|-----------|-----------|-------------|
| -----                       |                 |        |        |          |           |           |             |
| System Monitoring Compounds |                 |        |        |          |           |           |             |
| 1)                          | SA Tetrachlo... | 2.707  | 3.469  | 39400957 | 717.1E6   | 15.453    | 19.091      |
| 27)                         | SA Decachlor... | 7.844  | 8.927  | 61127109 | 282.0E6   | 30.539    | 31.330      |
| Target Compounds            |                 |        |        |          |           |           |             |
| 2)                          | A alpha-BHC     | 3.212  | 3.932  | 174.8E6  | 1988.1E6  | 46.703    | 40.395      |
| 3)                          | MA gamma-BHC... | 3.543  | 4.267  | 161.3E6  | 1716.3E6  | 48.981    | 41.179      |
| 4)                          | MA Heptachlor   | 3.845f | 4.834  | 41717338 | 1237.8E6  | 12.070    | 42.991 #    |
| 5)                          | MB Aldrin       | 4.155  | 5.173  | 182.7E6  | 1029.6E6  | 53.940    | 42.794      |
| 6)                          | B beta-BHC      | 3.845  | 4.482  | 41717338 | 624.9E6   | 26.096    | 37.541 #    |
| 7)                          | B delta-BHC     | 4.075  | 4.726  | 55765839 | 515.0E6   | 15.724    | 16.166      |
| 8)                          | B Heptachlo...  | 4.661  | 5.605  | 143.6E6  | 851.7E6   | 47.345    | 43.772      |
| 9)                          | A Endosulfan I  | 5.031  | 5.990  | 130.6E6  | -41320317 | 48.561    | N.D. #      |
| 10)                         | B trans-Chl...  | 4.910  | 5.858  | 143.7E6  | 791.7E6   | 46.219    | 42.309      |
| 11)                         | B cis-Chlor...  | 4.973  | 5.935  | 143.8E6  | 743.6E6   | 47.623    | 41.561      |
| 12)                         | B 4,4'-DDE      | 5.162  | 6.108  | 296.8E6  | 1480.4E6  | 101.899   | 90.502      |
| 13)                         | MA Dieldrin     | 5.297  | 6.267  | 306.5E6  | 1516.3E6  | 104.650   | 92.901      |
| 14)                         | MA Endrin       | 5.573  | 6.499  | 265.4E6  | 1203.1E6  | 103.653   | 87.492      |
| 15)                         | B Endosulfa...  | 5.872  | 6.729  | 245.3E6  | 1195.5E6  | 101.815   | 93.711      |
| 16)                         | A 4,4'-DDD      | 5.721  | 6.633  | 232.6E6  | 1157.5E6  | 102.368   | 93.333      |
| 17)                         | MA 4,4'-DDT     | 5.970  | 6.940  | 233.4E6  | 1209.7E6  | 105.604   | 100.566     |
| 18)                         | B Endrin al...  | 6.055  | 6.860  | 178.3E6  | 884.8E6   | 87.239    | 82.252      |
| 19)                         | B Endosulfa...  | 6.278  | 7.093  | 189.0E6  | 900.8E6   | 78.299    | 75.451      |
| 20)                         | A Methoxychlor  | 6.554  | 7.421  | 606.8E6  | 2726.7E6  | 508.434   | 496.725     |
| 21)                         | B Endrin ke...  | 6.789  | 7.583  | 276.2E6  | 1197.7E6  | 96.919    | 93.412      |
| 22)                         | Toxaphene-1     | 5.297f | 5.742f | 306.5E6  | 12839168  | 22621.661 | 200.993 #   |
| 23)                         | Toxaphene-2     | 5.573f | 6.108f | 265.4E6  | 1480.4E6  | 19403.872 | 13023.708 # |
| 24)                         | Toxaphene-3     | 5.872  | 6.940f | 245.3E6  | 1209.7E6  | 13479.983 | 4305.629 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.093  | 0        | 900.8E6   | N.D.      | 3884.370    |
| 26)                         | Toxaphene-5     | 0.000  | 7.502  | 0        | 10230649  | N.D.      | 68.250      |
| -----                       |                 |        |        |          |           |           |             |

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

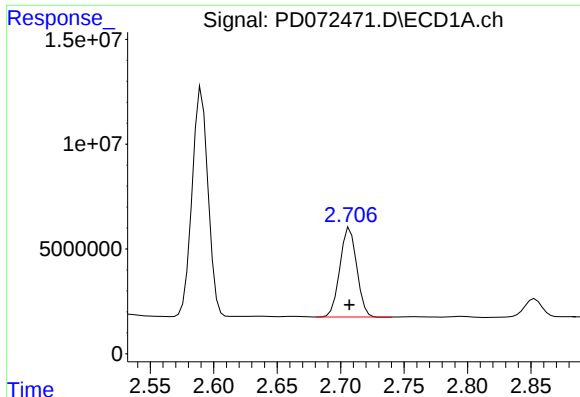
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101722\  
Data File : PD072471.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2022 20:52  
Operator : AR\AJ  
Sample : N4984-04MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 06:27:17 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101722CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 18 06:21:39 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



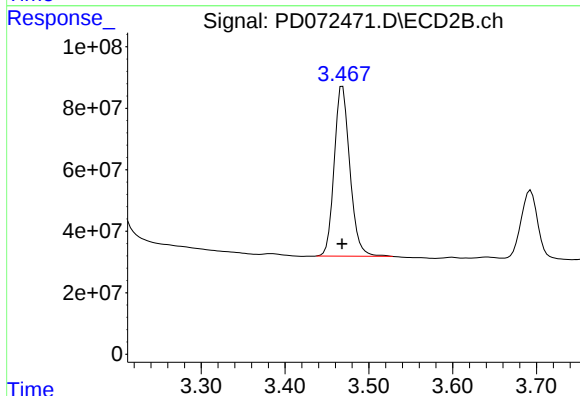
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

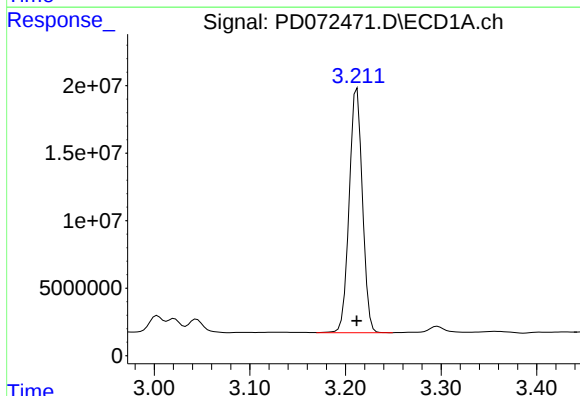
R.T.: 2.707 min  
Delta R.T.: 0.000 min  
Response: 39400957  
Conc: 15.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



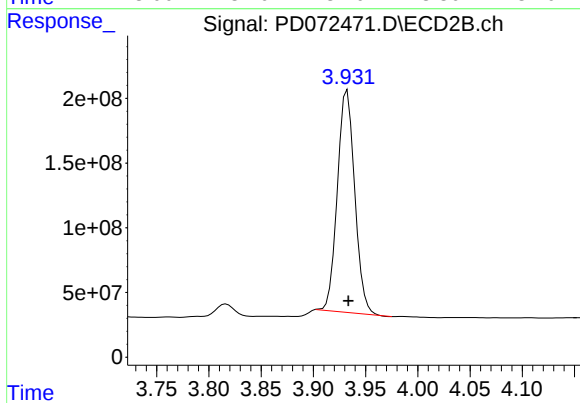
#1 Tetrachloro-m-xylene

R.T.: 3.469 min  
Delta R.T.: 0.000 min  
Response: 717058397  
Conc: 19.09 ng/ml



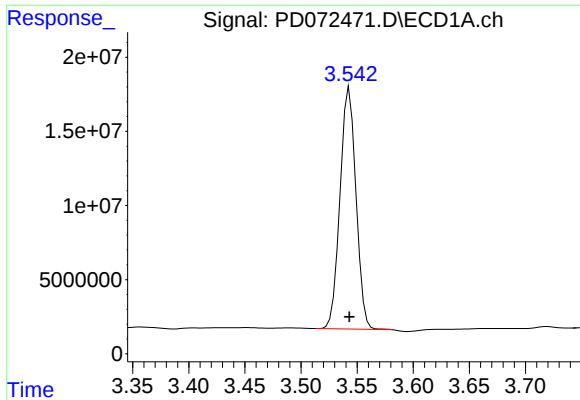
#2 alpha-BHC

R.T.: 3.212 min  
Delta R.T.: 0.000 min  
Response: 174802134  
Conc: 46.70 ng/ml



#2 alpha-BHC

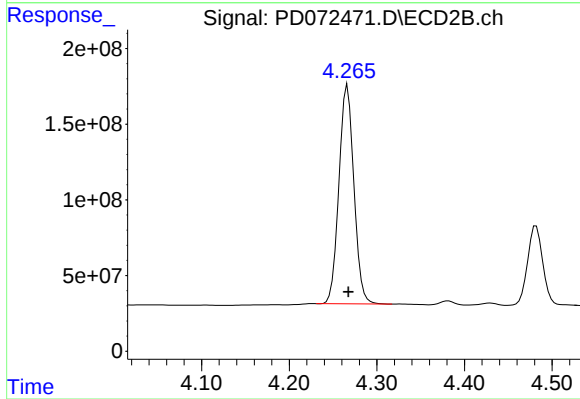
R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 1988135698  
Conc: 40.40 ng/ml



#3 gamma-BHC (Lindane)

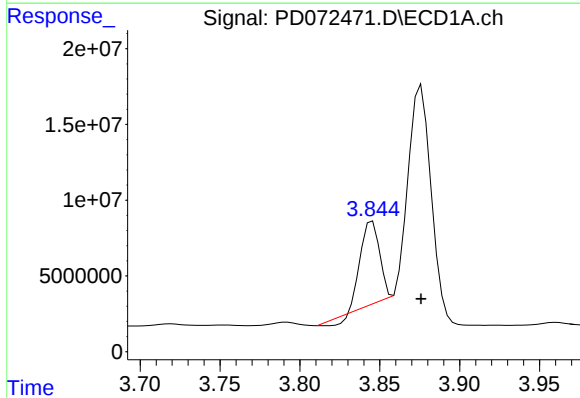
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 161252793  
Conc: 48.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



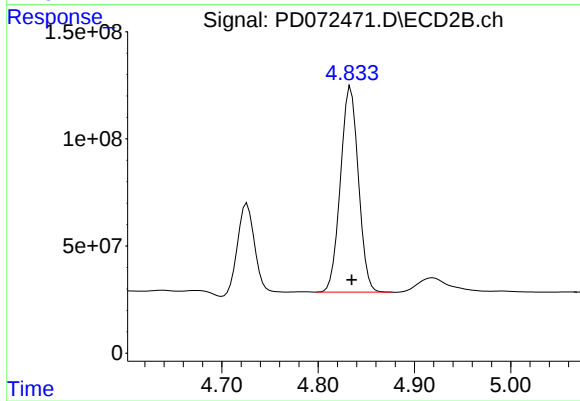
#3 gamma-BHC (Lindane)

R.T.: 4.267 min  
Delta R.T.: -0.001 min  
Response: 1716273001  
Conc: 41.18 ng/ml



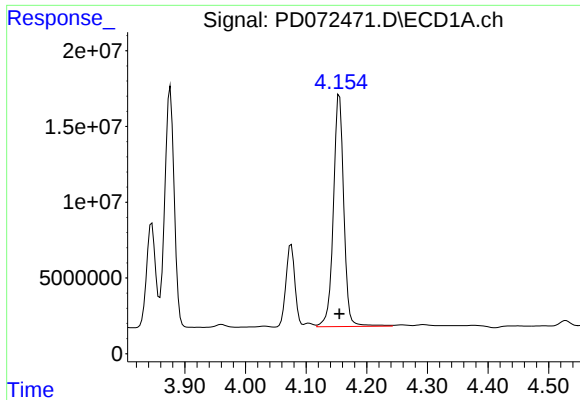
#4 Heptachlor

R.T.: 3.845 min  
Delta R.T.: -0.030 min  
Response: 41717338  
Conc: 12.07 ng/ml



#4 Heptachlor

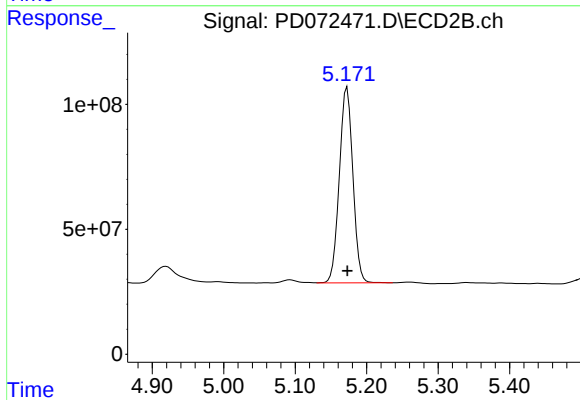
R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 1237753481  
Conc: 42.99 ng/ml



#5 Aldrin

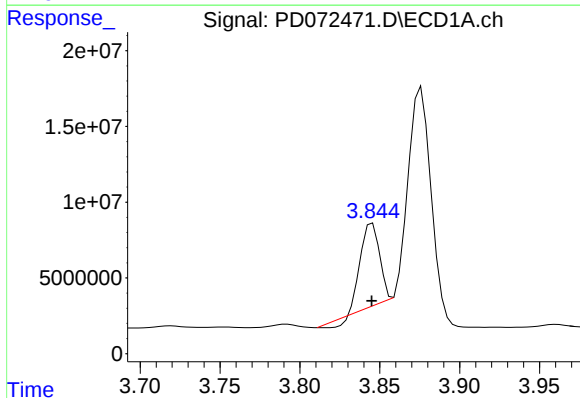
R.T.: 4.155 min  
Delta R.T.: 0.000 min  
Response: 182734309  
Conc: 53.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



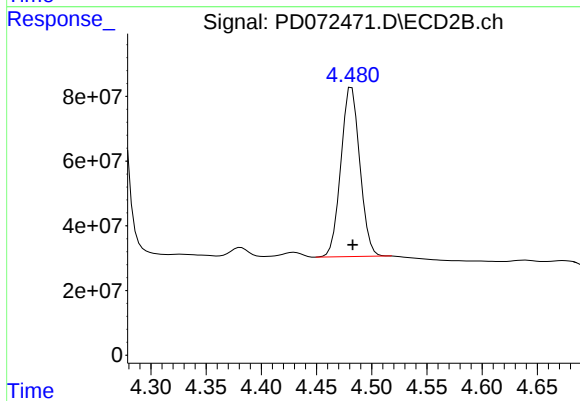
#5 Aldrin

R.T.: 5.173 min  
Delta R.T.: 0.000 min  
Response: 1029624018  
Conc: 42.79 ng/ml



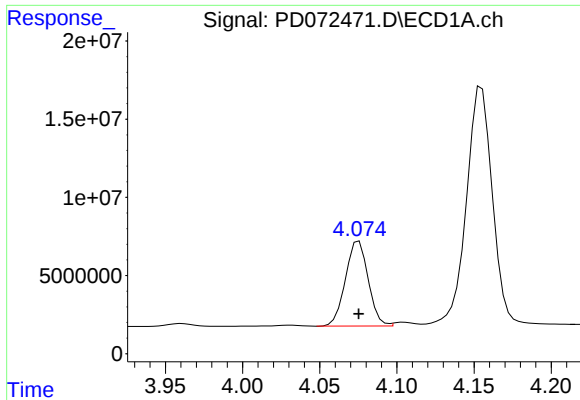
#6 beta-BHC

R.T.: 3.845 min  
Delta R.T.: 0.000 min  
Response: 41717338  
Conc: 26.10 ng/ml



#6 beta-BHC

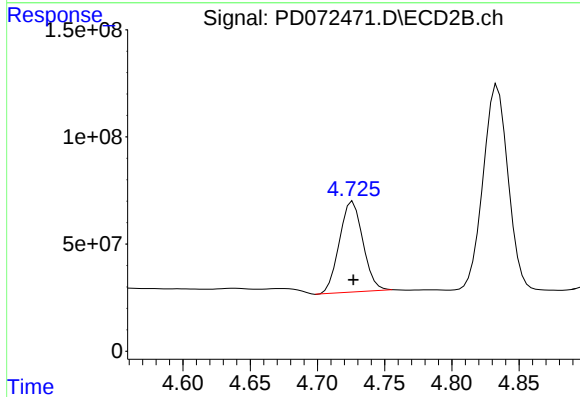
R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 624943856  
Conc: 37.54 ng/ml



#7 delta-BHC

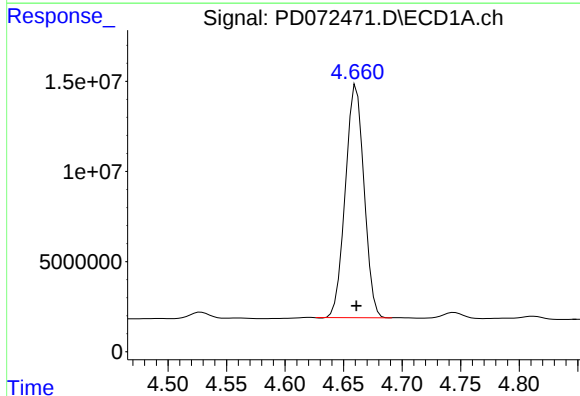
R.T.: 4.075 min  
Delta R.T.: 0.000 min  
Response: 55765839  
Conc: 15.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



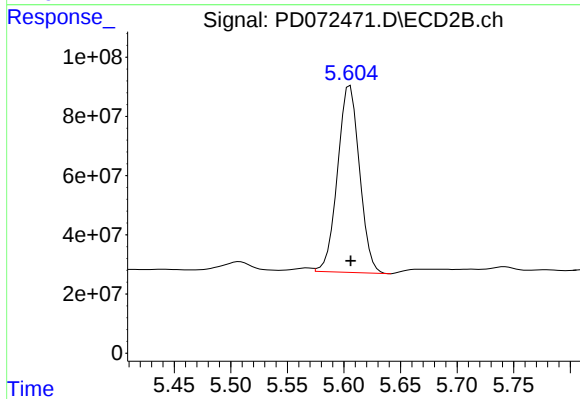
#7 delta-BHC

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 515044017  
Conc: 16.17 ng/ml



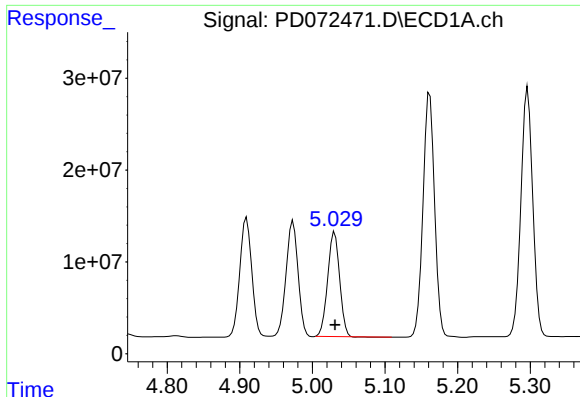
#8 Heptachlor epoxide

R.T.: 4.661 min  
Delta R.T.: 0.000 min  
Response: 143613197  
Conc: 47.35 ng/ml



#8 Heptachlor epoxide

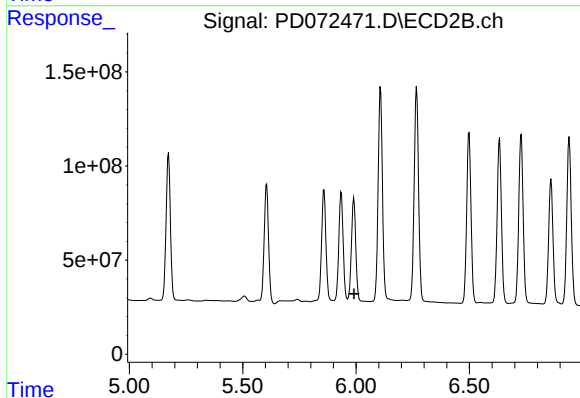
R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 851680855  
Conc: 43.77 ng/ml



#9 Endosulfan I

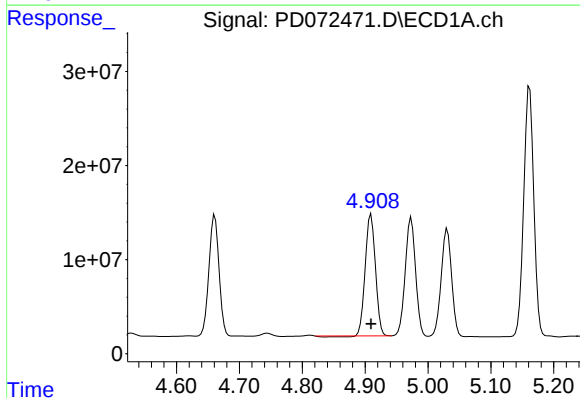
R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 130553727  
Conc: 48.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



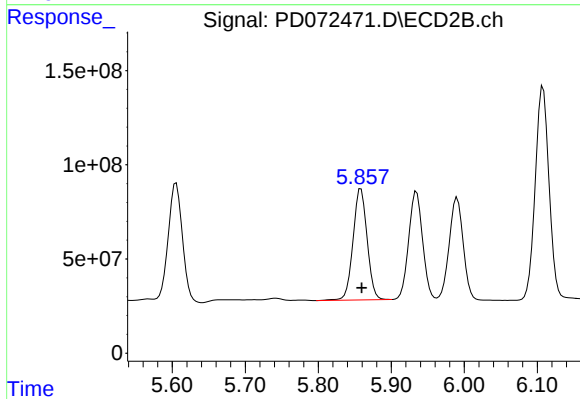
#9 Endosulfan I

R.T.: 5.990 min  
Delta R.T.: 0.000 min  
Response: -41320317  
Conc: N.D.



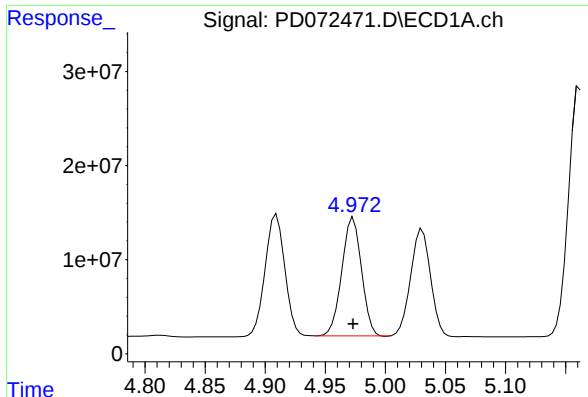
#10 trans-Chlordane

R.T.: 4.910 min  
Delta R.T.: 0.000 min  
Response: 143678139  
Conc: 46.22 ng/ml



#10 trans-Chlordane

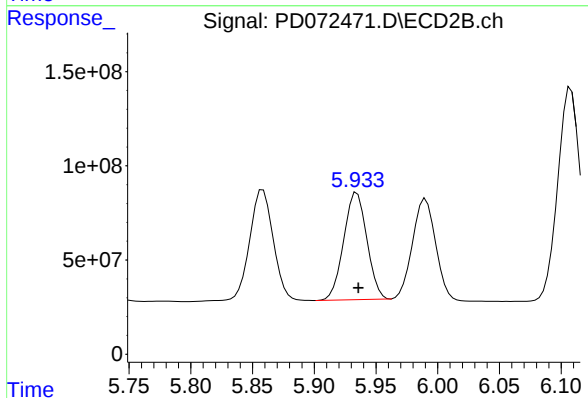
R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 791664126  
Conc: 42.31 ng/ml



#11 cis-Chlordane

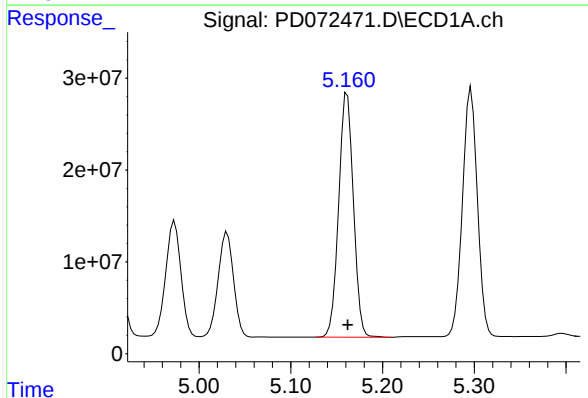
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 143831321  
Conc: 47.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



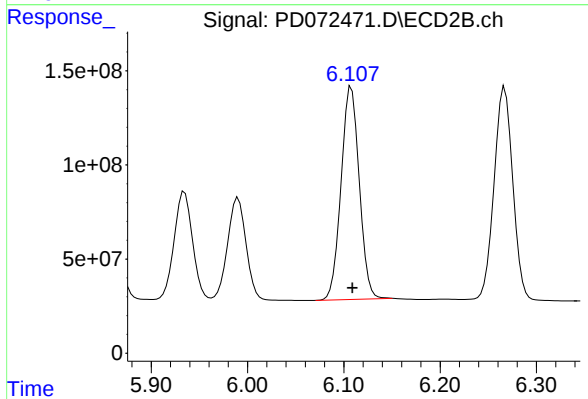
#11 cis-Chlordane

R.T.: 5.935 min  
Delta R.T.: -0.001 min  
Response: 743573102  
Conc: 41.56 ng/ml



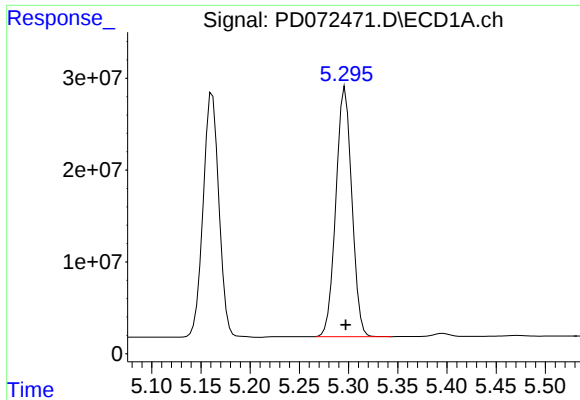
#12 4,4'-DDE

R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 296840721  
Conc: 101.90 ng/ml



#12 4,4'-DDE

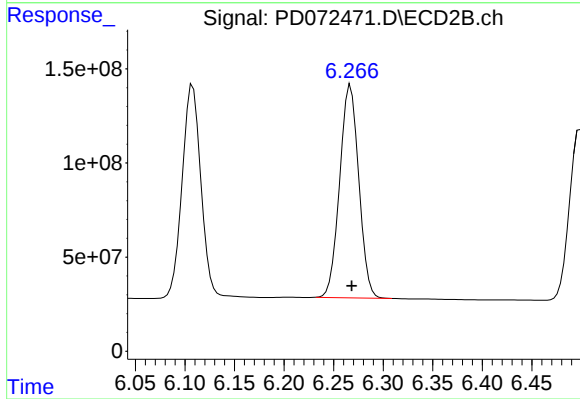
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 1480436382  
Conc: 90.50 ng/ml



#13 Dieldrin

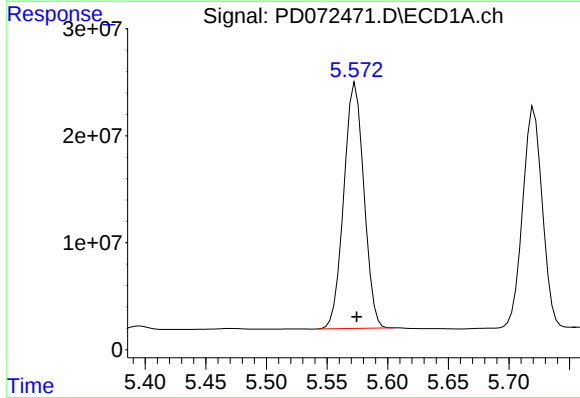
R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 306488981  
Conc: 104.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



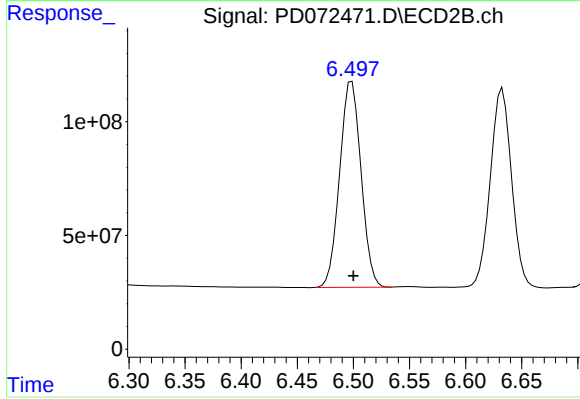
#13 Dieldrin

R.T.: 6.267 min  
Delta R.T.: -0.001 min  
Response: 1516313993  
Conc: 92.90 ng/ml



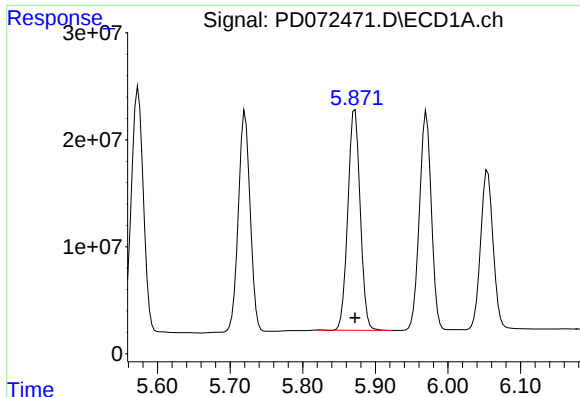
#14 Endrin

R.T.: 5.573 min  
Delta R.T.: -0.001 min  
Response: 265371217  
Conc: 103.65 ng/ml



#14 Endrin

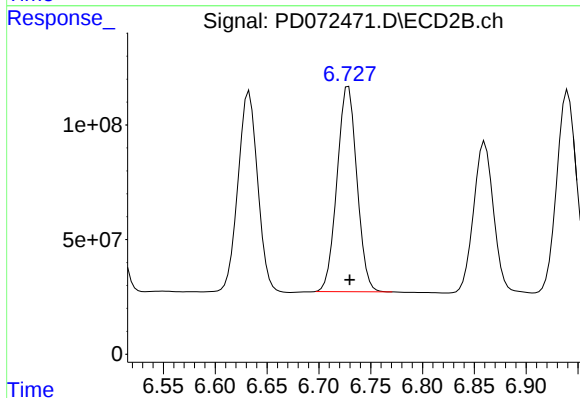
R.T.: 6.499 min  
Delta R.T.: -0.002 min  
Response: 1203105664  
Conc: 87.49 ng/ml



#15 Endosulfan II

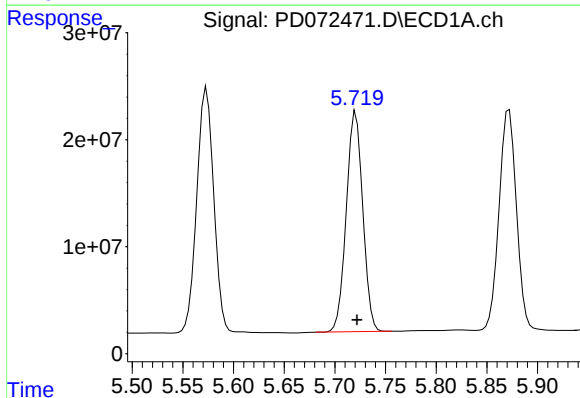
R.T.: 5.872 min  
Delta R.T.: 0.000 min  
Response: 245252886  
Conc: 101.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



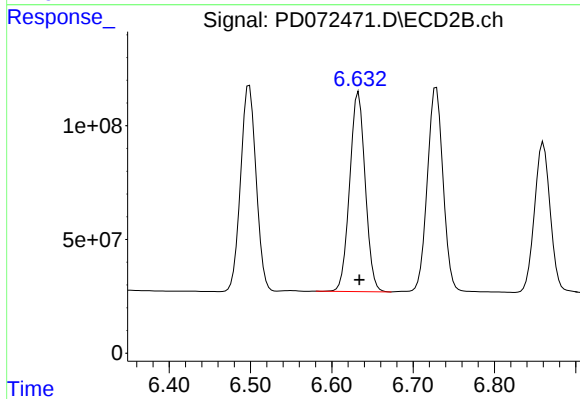
#15 Endosulfan II

R.T.: 6.729 min  
Delta R.T.: -0.001 min  
Response: 1195548085  
Conc: 93.71 ng/ml



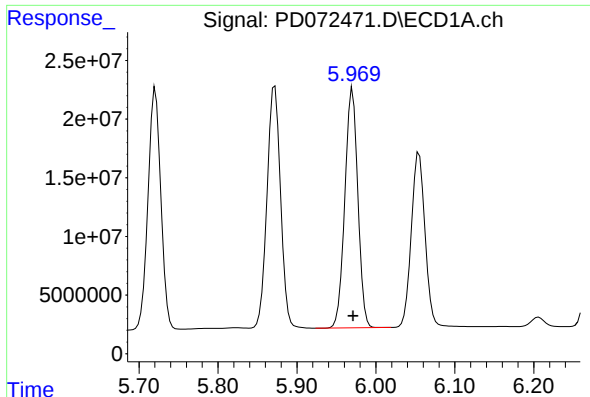
#16 4,4'-DDD

R.T.: 5.721 min  
Delta R.T.: -0.001 min  
Response: 232553513  
Conc: 102.37 ng/ml



#16 4,4'-DDD

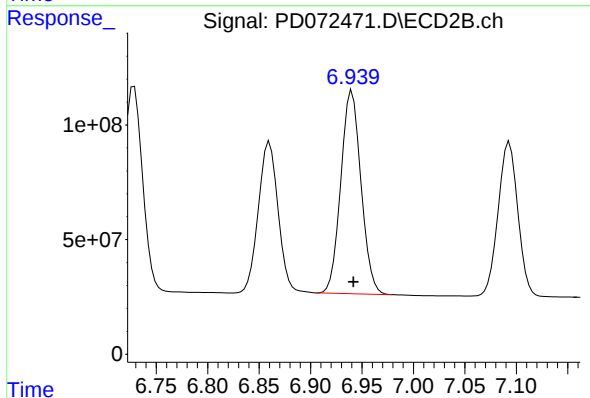
R.T.: 6.633 min  
Delta R.T.: -0.001 min  
Response: 1157507378  
Conc: 93.33 ng/ml



#17 4,4'-DDT

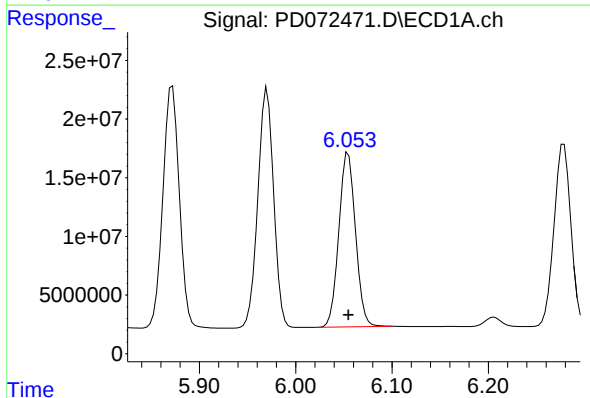
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 233421525  
Conc: 105.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



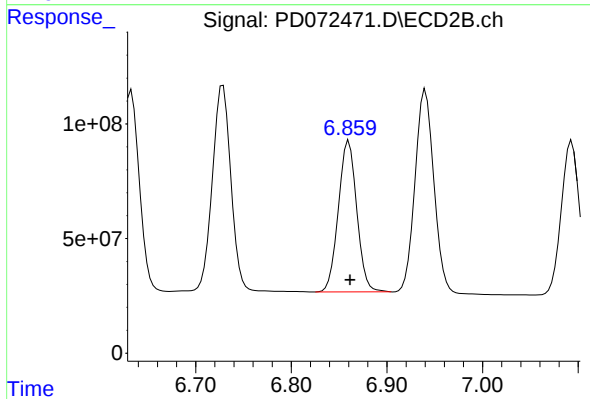
#17 4,4'-DDT

R.T.: 6.940 min  
Delta R.T.: -0.002 min  
Response: 1209691706  
Conc: 100.57 ng/ml



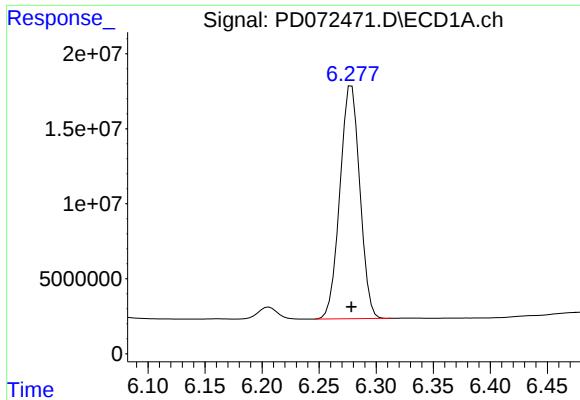
#18 Endrin aldehyde

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 178282570  
Conc: 87.24 ng/ml



#18 Endrin aldehyde

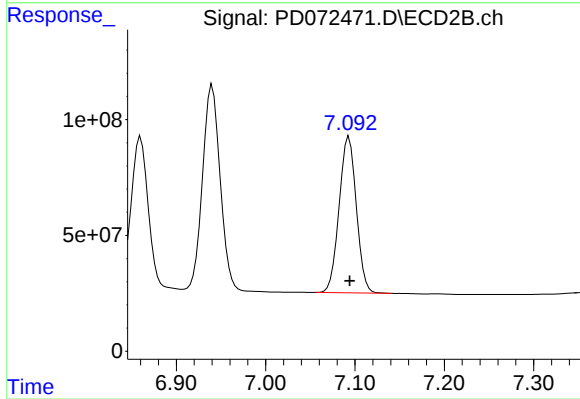
R.T.: 6.860 min  
Delta R.T.: -0.001 min  
Response: 884848772  
Conc: 82.25 ng/ml



#19 Endosulfan Sulfate

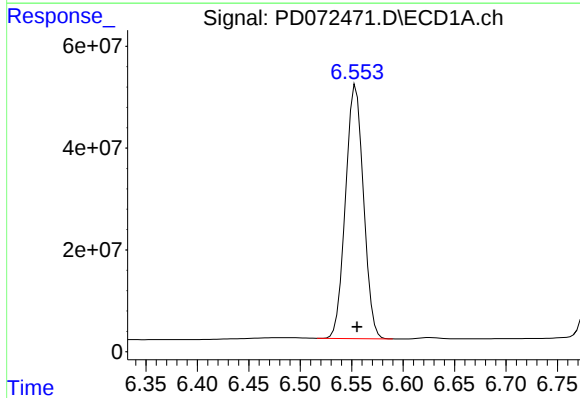
R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 188984378  
Conc: 78.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



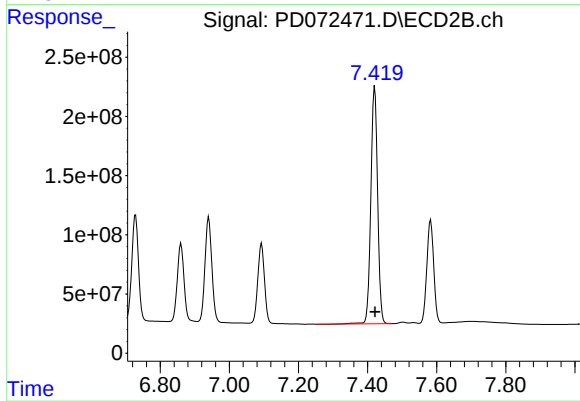
#19 Endosulfan Sulfate

R.T.: 7.093 min  
Delta R.T.: 0.000 min  
Response: 900810969  
Conc: 75.45 ng/ml



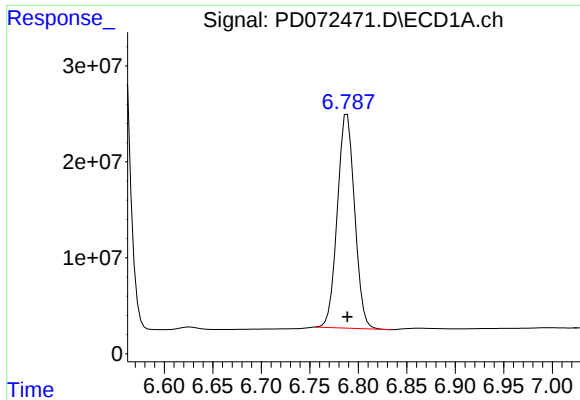
#20 Methoxychlor

R.T.: 6.554 min  
Delta R.T.: -0.001 min  
Response: 606817596  
Conc: 508.43 ng/ml



#20 Methoxychlor

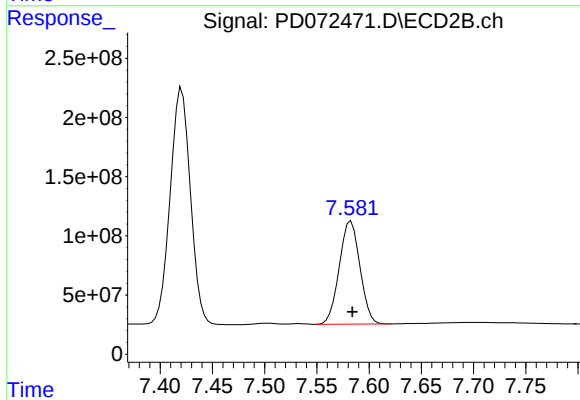
R.T.: 7.421 min  
Delta R.T.: -0.001 min  
Response: 2726692475  
Conc: 496.73 ng/ml



#21 Endrin ketone

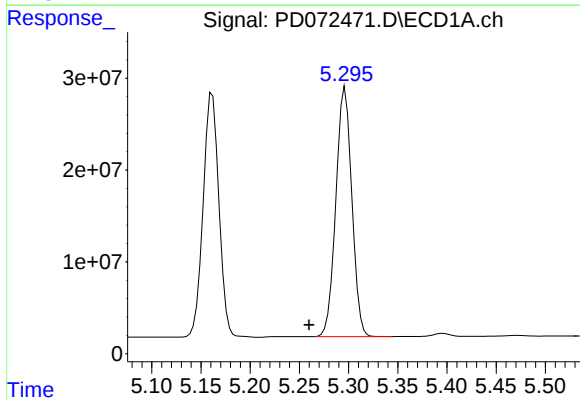
R.T.: 6.789 min  
Delta R.T.: 0.000 min  
Response: 276202940  
Conc: 96.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



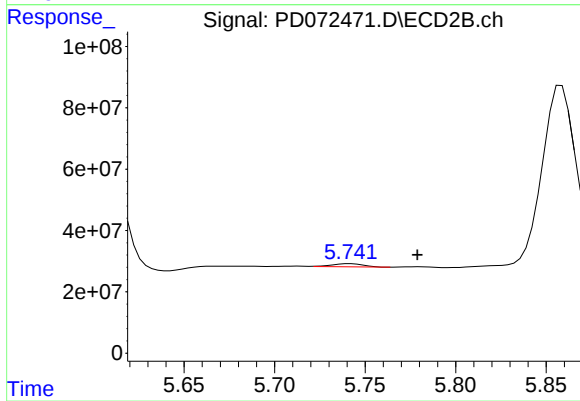
#21 Endrin ketone

R.T.: 7.583 min  
Delta R.T.: -0.001 min  
Response: 1197721809  
Conc: 93.41 ng/ml



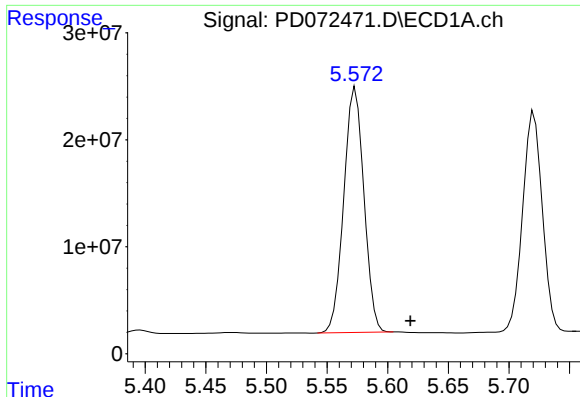
#22 Toxaphene-1

R.T.: 5.297 min  
Delta R.T.: 0.037 min  
Response: 306488981  
Conc: 22621.66 ng/ml



#22 Toxaphene-1

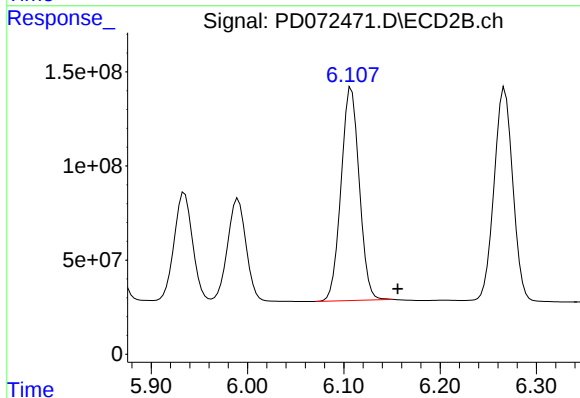
R.T.: 5.742 min  
Delta R.T.: -0.037 min  
Response: 12839168  
Conc: 200.99 ng/ml



#23 Toxaphene-2

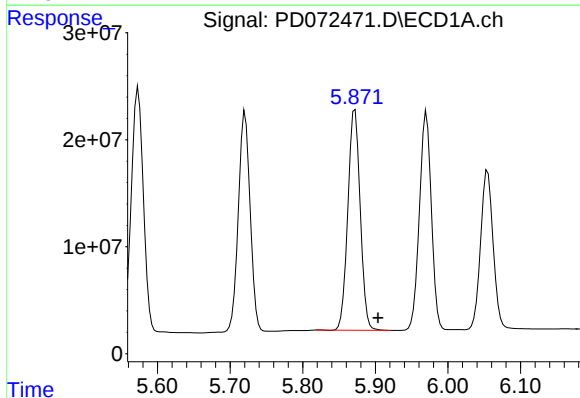
R.T.: 5.573 min  
Delta R.T.: -0.045 min  
Response: 265371217  
Conc: 19403.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



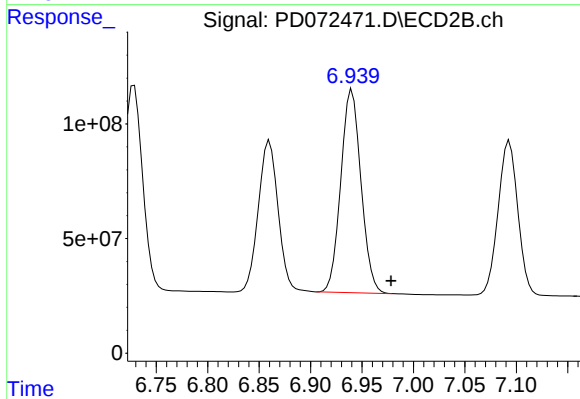
#23 Toxaphene-2

R.T.: 6.108 min  
Delta R.T.: -0.048 min  
Response: 1480436382  
Conc: 13023.71 ng/ml



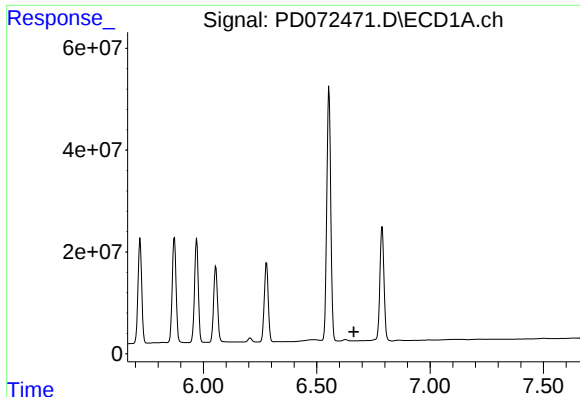
#24 Toxaphene-3

R.T.: 5.872 min  
Delta R.T.: -0.032 min  
Response: 245252886  
Conc: 13479.98 ng/ml



#24 Toxaphene-3

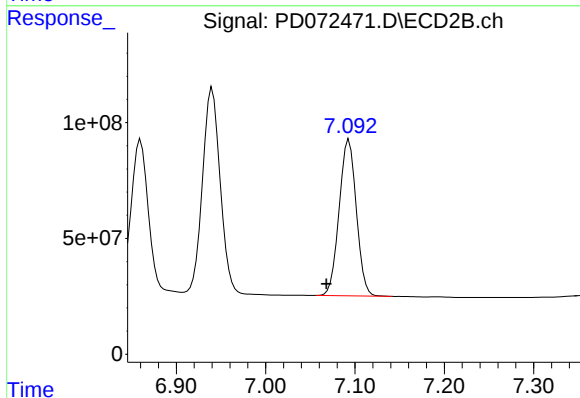
R.T.: 6.940 min  
Delta R.T.: -0.038 min  
Response: 1209691706  
Conc: 4305.63 ng/ml



#25 Toxaphene-4

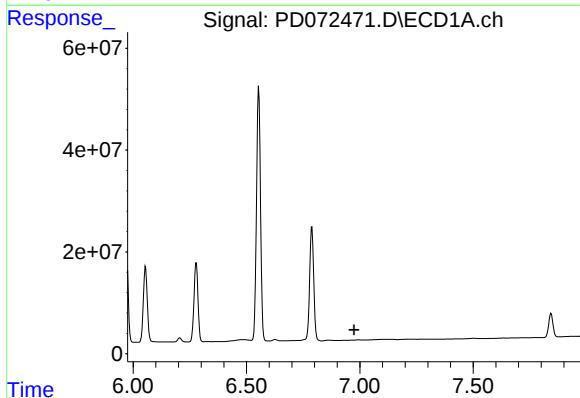
R.T.: 0.000 min  
Exp R.T.: 6.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



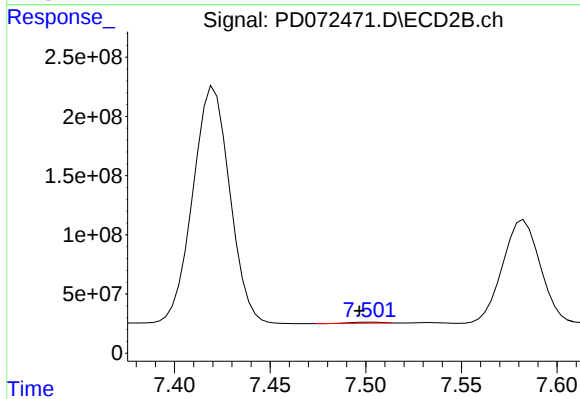
#25 Toxaphene-4

R.T.: 7.093 min  
Delta R.T.: 0.025 min  
Response: 900810969  
Conc: 3884.37 ng/ml



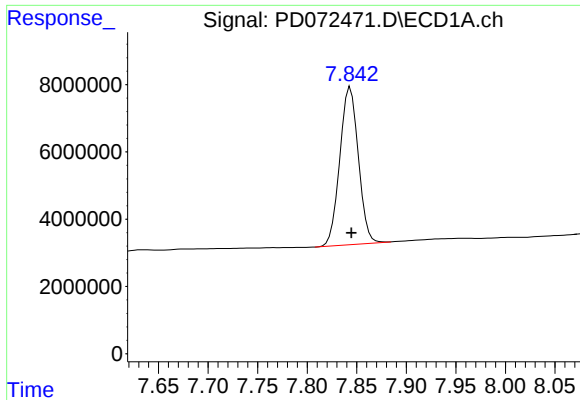
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 6.974 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

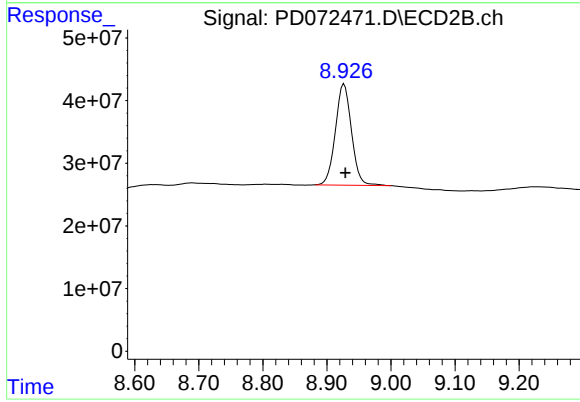
R.T.: 7.502 min  
Delta R.T.: 0.005 min  
Response: 10230649  
Conc: 68.25 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.844 min  
Delta R.T.: -0.001 min  
Response: 61127109  
Conc: 30.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.927 min  
Delta R.T.: -0.002 min  
Response: 282040112  
Conc: 31.33 ng/ml