

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100622\  
 Data File : PD072238.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2022 10:59  
 Operator : AR\AJ  
 Sample : PB148112BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 00:24:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 15:15:26 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 2.745  | 3.497  | 47957485 | 715.8E6  | 19.110   | 19.745     |
| 28)                         | SA Decachlor... | 7.921  | 8.986  | 51470949 | 212.9E6  | 20.191   | 21.193     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.250  | 3.960  | 184.0E6  | 2225.0E6 | 45.961   | 43.767     |
| 3)                          | MA gamma-BHC... | 3.581  | 4.294  | 166.0E6  | 1780.3E6 | 45.942   | 42.945     |
| 4)                          | MA Heptachlor   | 3.925  | 4.868  | 169.2E6  | 1295.0E6 | 45.052   | 43.018     |
| 5)                          | MB Aldrin       | 4.206  | 5.209  | 168.0E6  | 1091.1E6 | 47.496   | 45.210     |
| 6)                          | B beta-BHC      | 3.879  | 4.502  | 67675842 | 700.2E6  | 43.694   | 42.017     |
| 7)                          | B delta-BHC     | 4.112  | 4.747  | 166.1E6  | 1292.5E6 | 45.575   | 43.651     |
| 8)                          | B Heptachlo...  | 4.712  | 5.640  | 145.5E6  | 835.6E6  | 45.632   | 44.004     |
| 9)                          | A Endosulfan I  | 5.084  | 6.026  | 133.0E6  | 753.5E6  | 44.787   | 44.394     |
| 10)                         | B gamma-Chl...  | 4.964  | 5.894  | 149.2E6  | 830.3E6  | 45.496   | 44.792     |
| 11)                         | B alpha-Chl...  | 5.029  | 5.971  | 145.8E6  | 801.9E6  | 45.417   | 44.678     |
| 12)                         | B 4,4'-DDE      | 5.222  | 6.146  | 140.0E6  | 789.2E6  | 46.007   | 44.366     |
| 13)                         | MA Dieldrin     | 5.351  | 6.303  | 149.2E6  | 809.0E6  | 47.355   | 46.437     |
| 14)                         | MA Endrin       | 5.627  | 6.535  | 129.5E6  | 668.3E6  | 47.706   | 47.306     |
| 15)                         | B Endosulfa...  | 5.923  | 6.761  | 113.6E6  | 663.1E6  | 44.476   | 49.114     |
| 16)                         | A 4,4'-DDD      | 5.779  | 6.669  | 119.2E6  | 637.9E6  | 45.658   | 45.891     |
| 17)                         | MA 4,4'-DDT     | 6.032  | 6.980  | 119.8E6  | 643.8E6  | 45.686   | 45.634     |
| 18)                         | B Endrin al...  | 6.103  | 6.892  | 105.7E6  | 536.4E6  | 49.624   | 49.460     |
| 19)                         | B Endosulfa...  | 6.328  | 7.125  | 122.9E6  | 585.4E6  | 45.436   | 46.230     |
| 20)                         | A Methoxychlor  | 6.612  | 7.458  | 70114438 | 327.8E6  | 45.430   | 47.235     |
| 21)                         | B Endrin ke...  | 6.835  | 7.614  | 146.9E6  | 649.8E6  | 46.189   | 46.355     |
| 22)                         | Mirex           | 7.019  | 8.074  | 107.4E6  | 445.8E6  | 46.133   | 48.023     |
| 24)                         | Chlordane-2     | 4.345f | 5.209f | 260179   | 1091.1E6 | 2.258    | 1256.067 # |
| 25)                         | Chlordane-3     | 4.964  | 5.894  | 149.2E6  | 830.3E6  | 470.814  | 329.023 #  |
| 26)                         | Chlordane-4     | 5.029  | 5.971  | 145.8E6  | 801.9E6  | 469.051  | 280.526 #  |
| 27)                         | Chlordane-5     | 5.923  | 0.000  | 113.6E6  | 0        | 1097.274 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

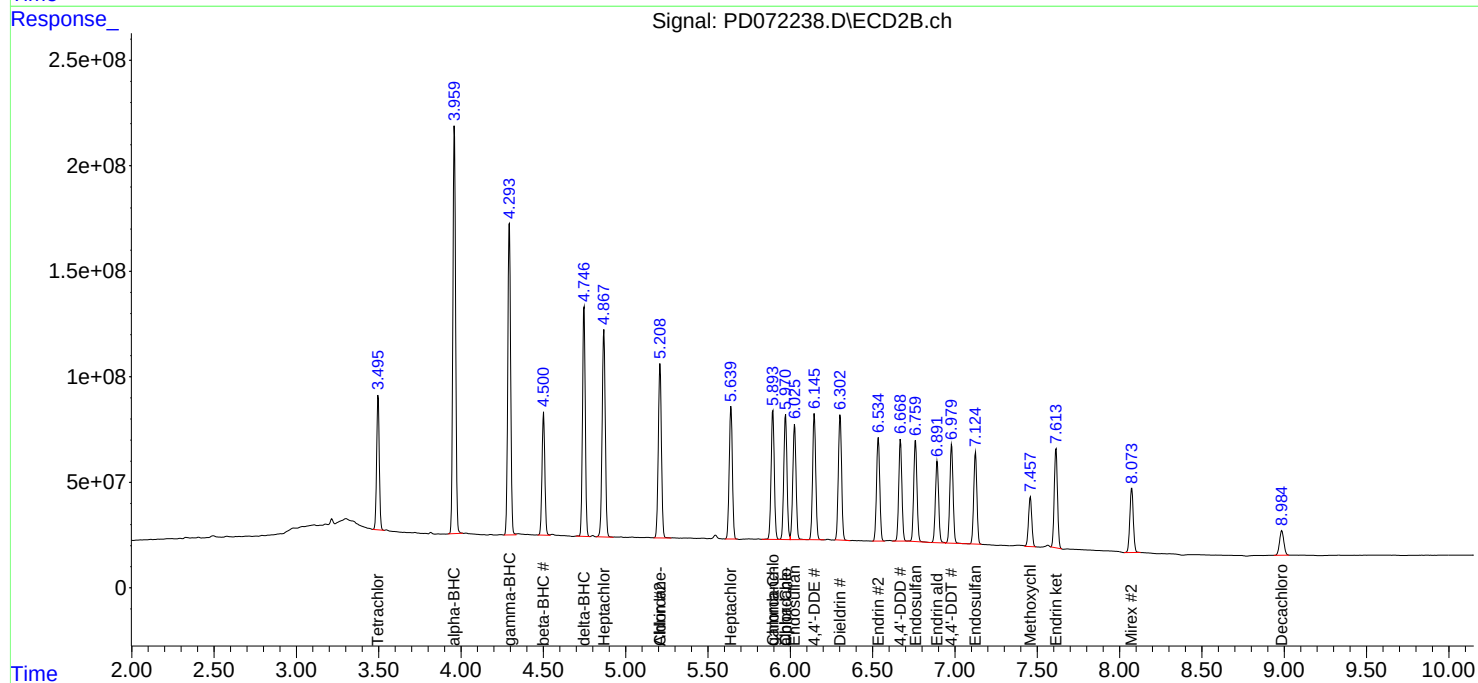
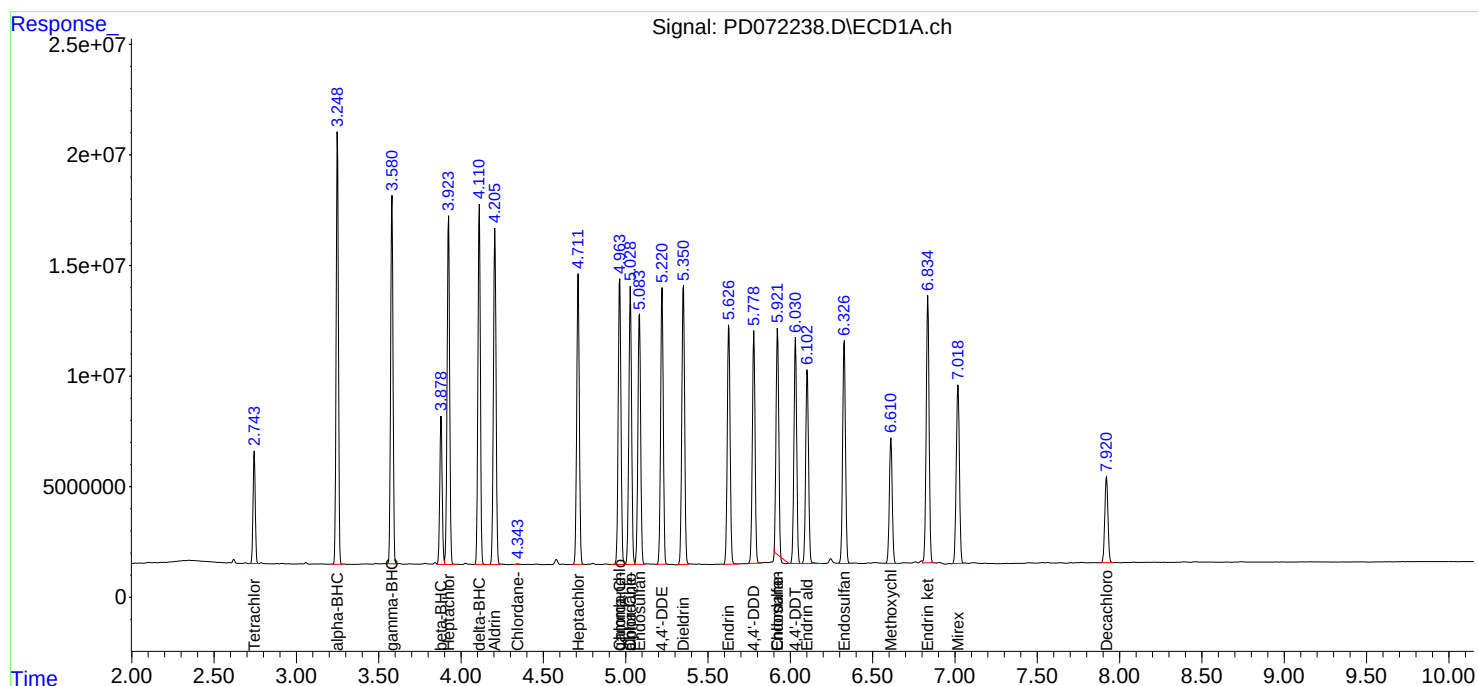
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

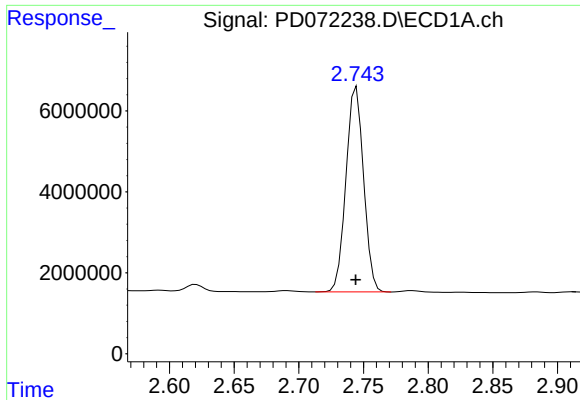
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100622\  
Data File : PD072238.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2022 10:59  
Operator : AR\AJ  
Sample : PB148112BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 00:24:38 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 05 15:15:26 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

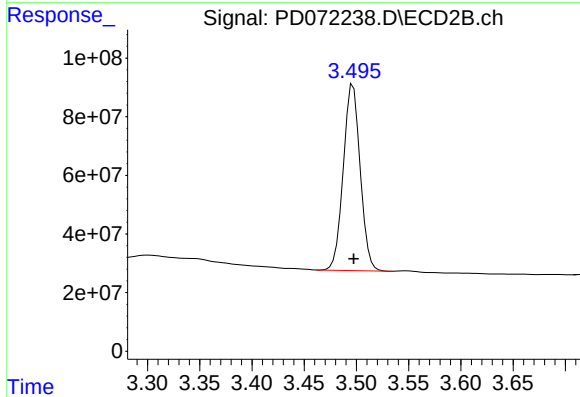




#1 Tetrachloro-m-xylene

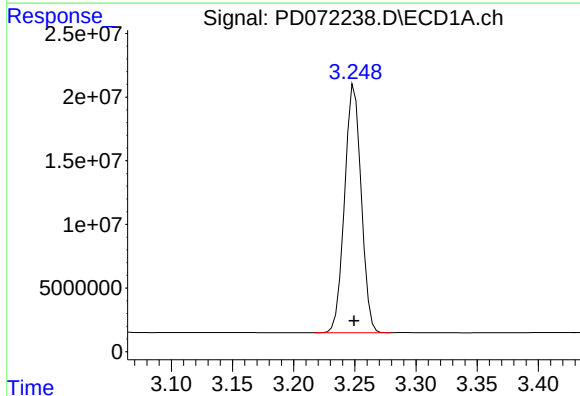
R.T.: 2.745 min  
Delta R.T.: 0.000 min  
Response: 47957485  
Conc: 19.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



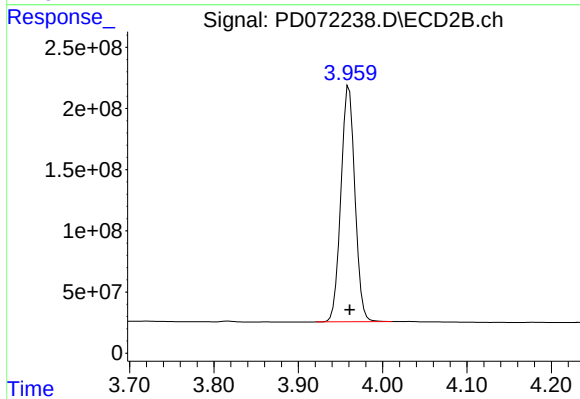
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 715767518  
Conc: 19.74 ng/ml



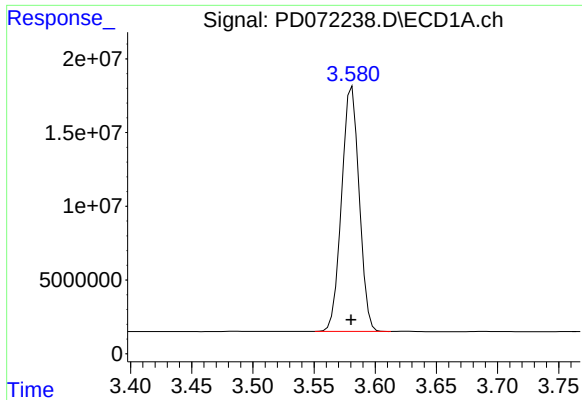
#2 alpha-BHC

R.T.: 3.250 min  
Delta R.T.: 0.000 min  
Response: 183967886  
Conc: 45.96 ng/ml



#2 alpha-BHC

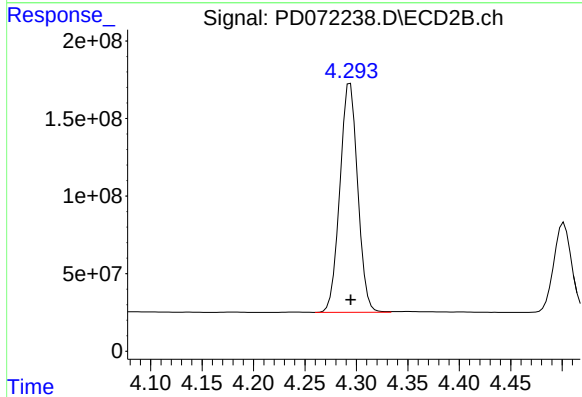
R.T.: 3.960 min  
Delta R.T.: 0.000 min  
Response: 2224992742  
Conc: 43.77 ng/ml



#3 gamma-BHC (Lindane)

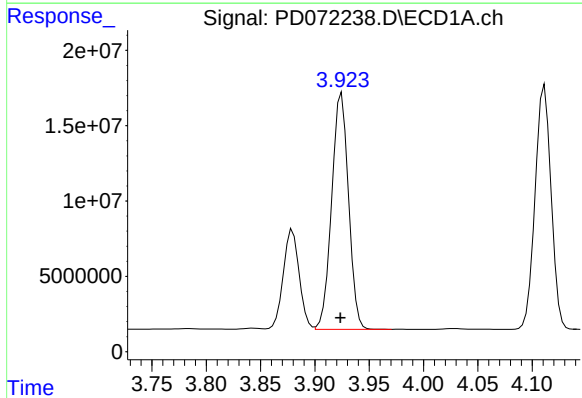
R.T.: 3.581 min  
Delta R.T.: 0.000 min  
Response: 165968806  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



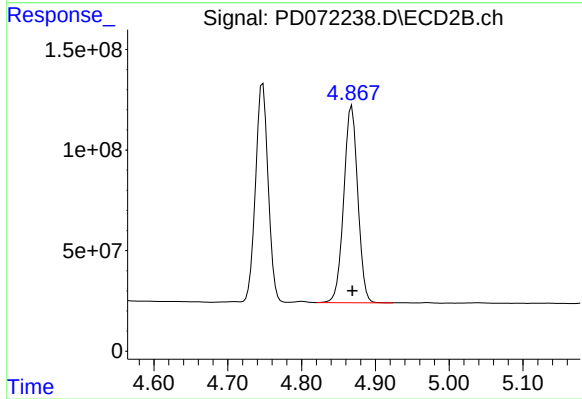
#3 gamma-BHC (Lindane)

R.T.: 4.294 min  
Delta R.T.: 0.000 min  
Response: 1780269056  
Conc: 42.94 ng/ml



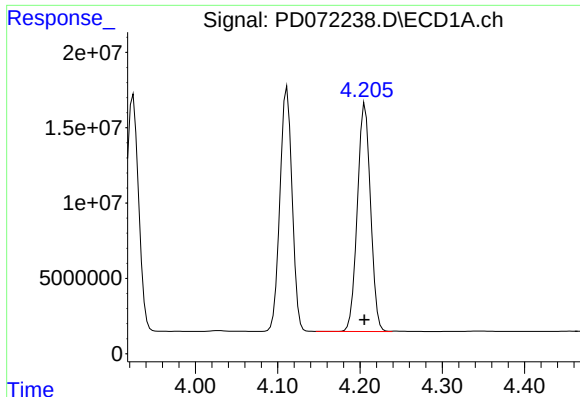
#4 Heptachlor

R.T.: 3.925 min  
Delta R.T.: 0.001 min  
Response: 169230085  
Conc: 45.05 ng/ml



#4 Heptachlor

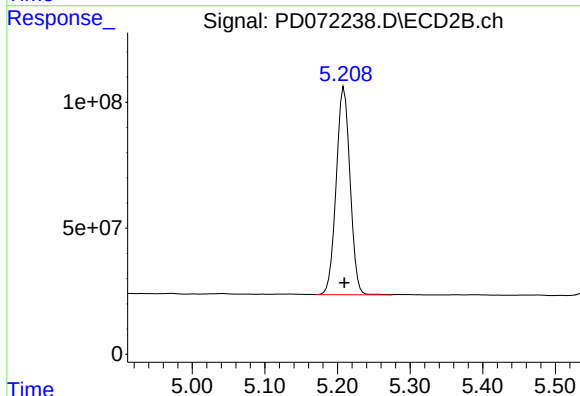
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1294955096  
Conc: 43.02 ng/ml



#5 Aldrin

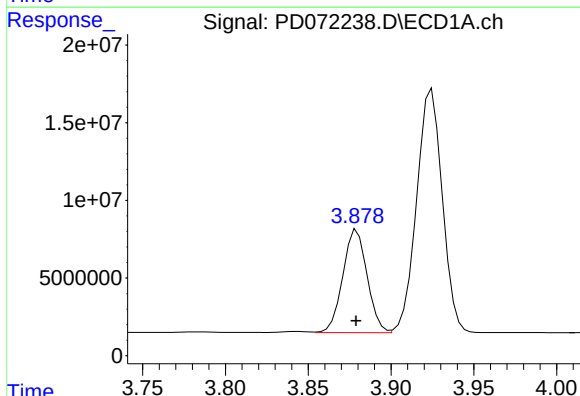
R.T.: 4.206 min  
Delta R.T.: 0.000 min  
Response: 167956485  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



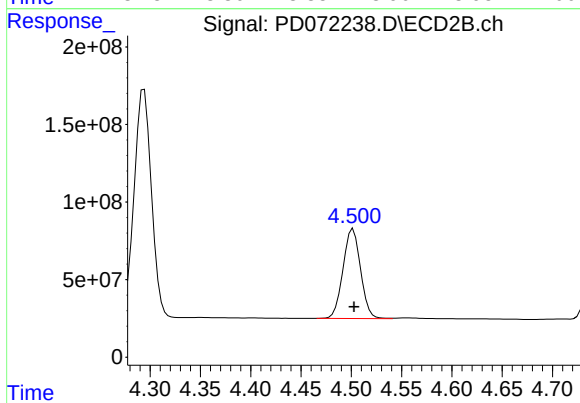
#5 Aldrin

R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 1091087602  
Conc: 45.21 ng/ml



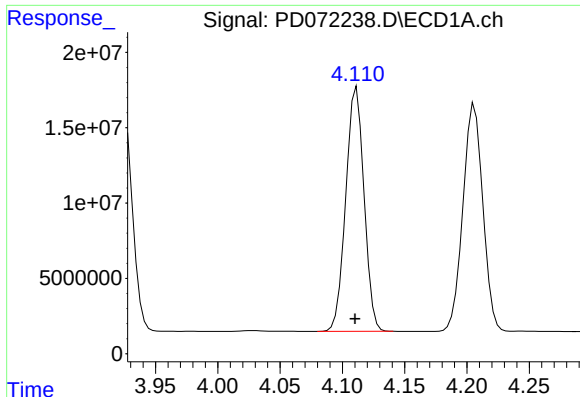
#6 beta-BHC

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 67675842  
Conc: 43.69 ng/ml



#6 beta-BHC

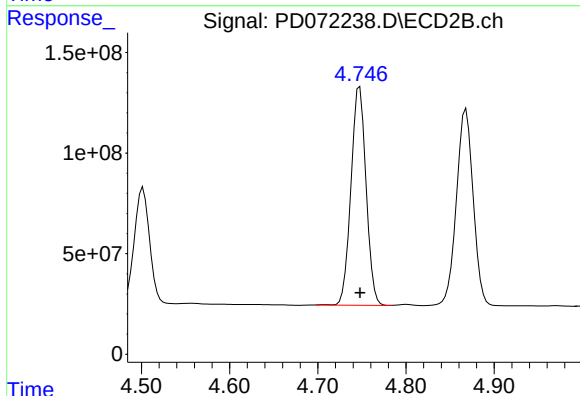
R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 700205499  
Conc: 42.02 ng/ml



#7 delta-BHC

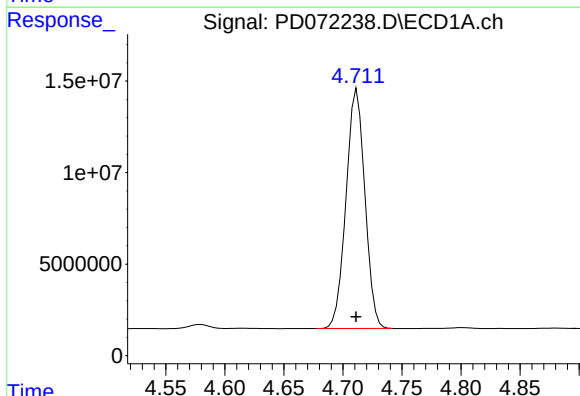
R.T.: 4.112 min  
Delta R.T.: 0.001 min  
Response: 166121101  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



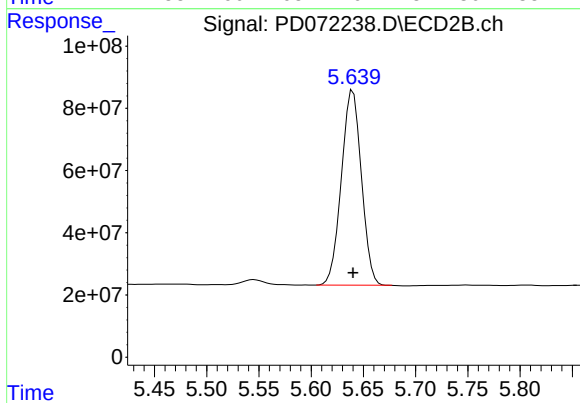
#7 delta-BHC

R.T.: 4.747 min  
Delta R.T.: 0.000 min  
Response: 1292516806  
Conc: 43.65 ng/ml



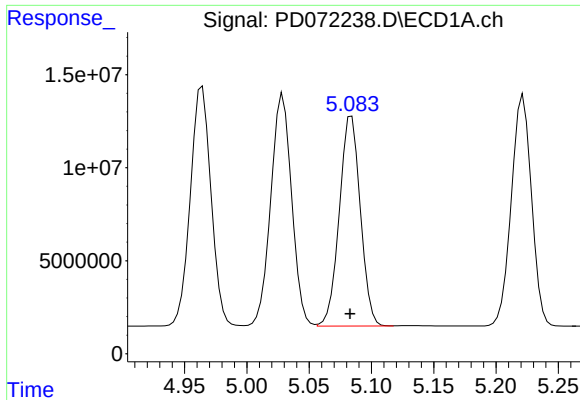
#8 Heptachlor epoxide

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 145460751  
Conc: 45.63 ng/ml



#8 Heptachlor epoxide

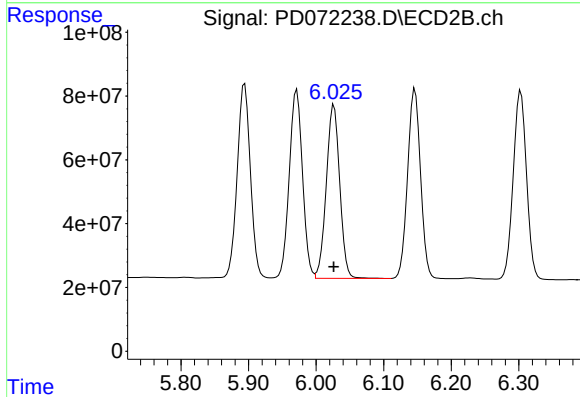
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 835584356  
Conc: 44.00 ng/ml



#9 Endosulfan I

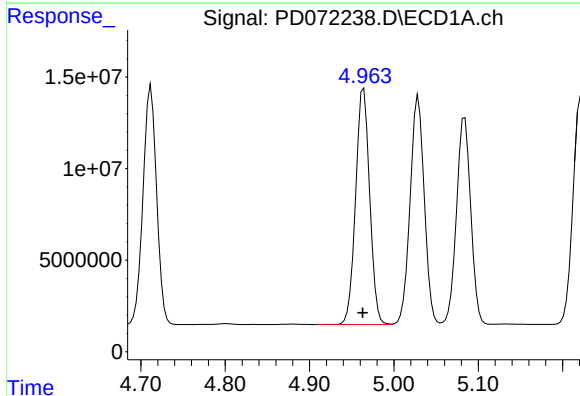
R.T.: 5.084 min  
Delta R.T.: 0.000 min  
Response: 133010341  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



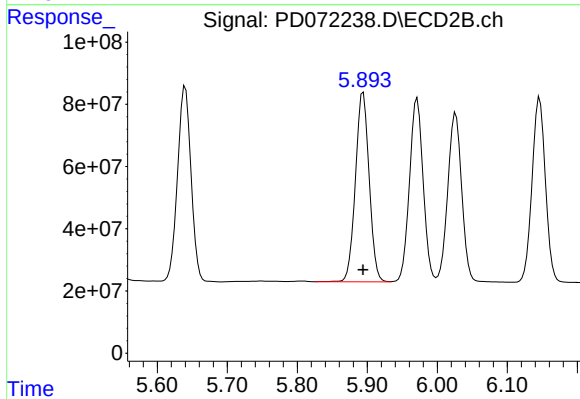
#9 Endosulfan I

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 753458799  
Conc: 44.39 ng/ml



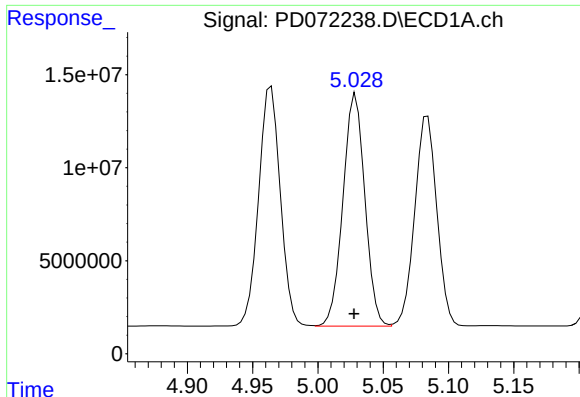
#10 gamma-Chlordane

R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 149206201  
Conc: 45.50 ng/ml



#10 gamma-Chlordane

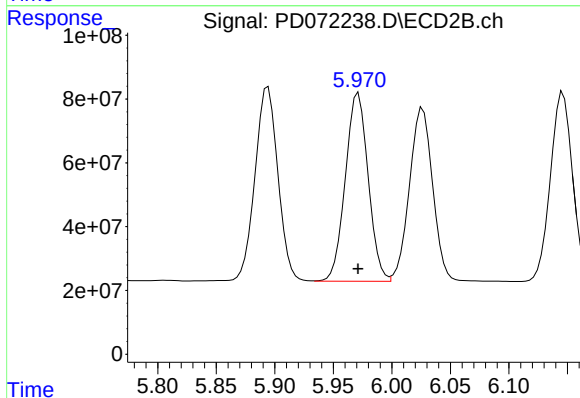
R.T.: 5.894 min  
Delta R.T.: 0.000 min  
Response: 830282187  
Conc: 44.79 ng/ml



#11 alpha-Chlordane

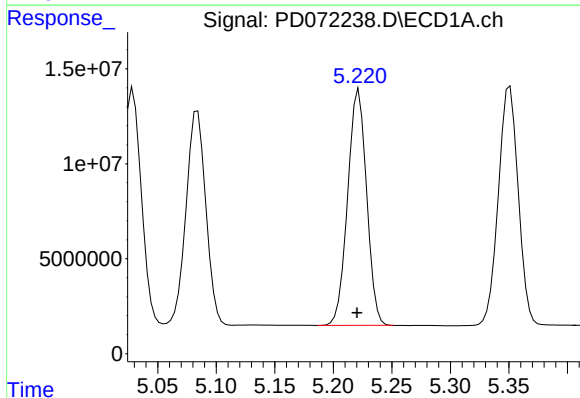
R.T.: 5.029 min  
Delta R.T.: 0.001 min  
Response: 145767248  
Conc: 45.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



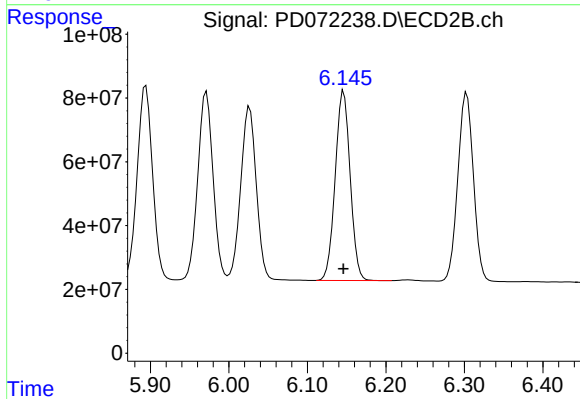
#11 alpha-Chlordane

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 801941795  
Conc: 44.68 ng/ml



#12 4,4'-DDE

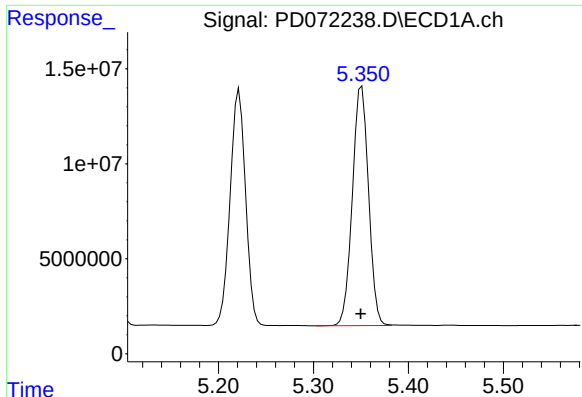
R.T.: 5.222 min  
Delta R.T.: 0.002 min  
Response: 140016631  
Conc: 46.01 ng/ml



#12 4,4'-DDE

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 789175487  
Conc: 44.37 ng/ml

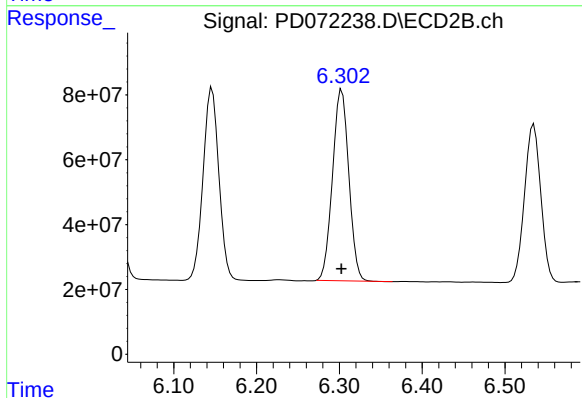




#13 Dieldrin

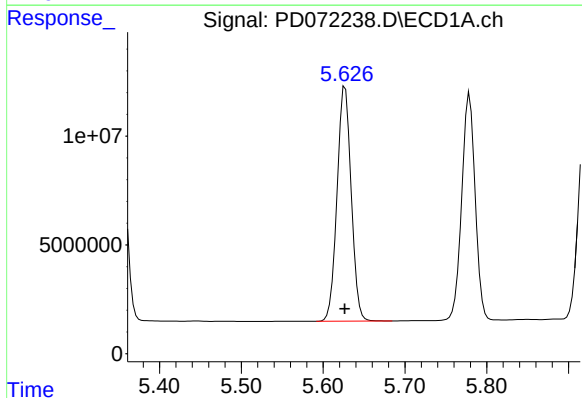
R.T.: 5.351 min  
Delta R.T.: 0.001 min  
Response: 149190815  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



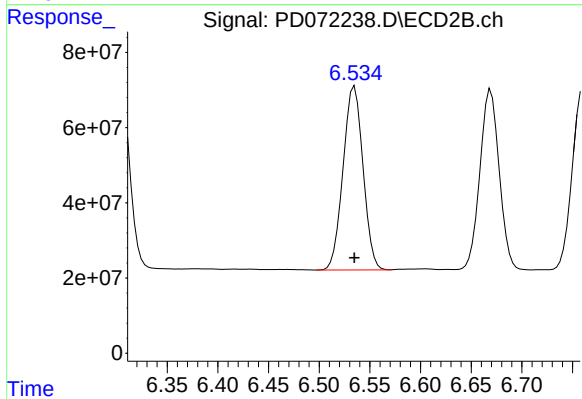
#13 Dieldrin

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 809045005  
Conc: 46.44 ng/ml



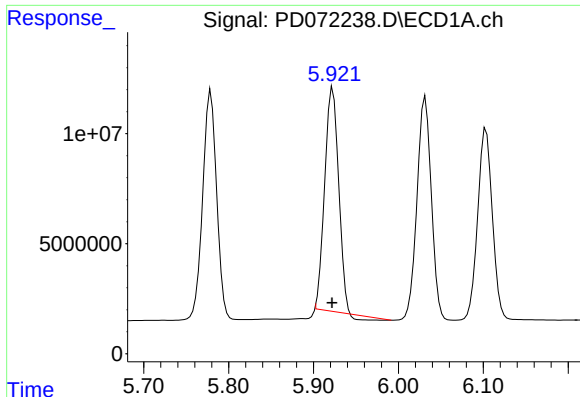
#14 Endrin

R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 129461987  
Conc: 47.71 ng/ml



#14 Endrin

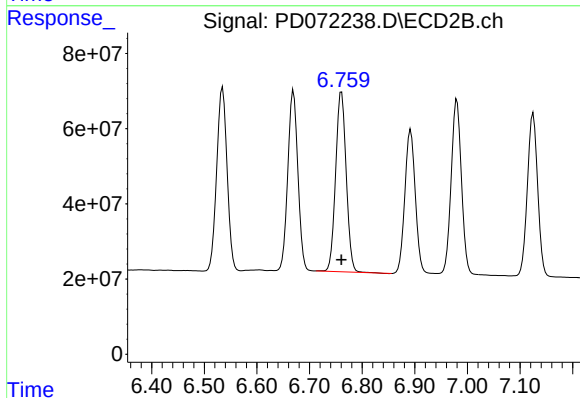
R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 668296286  
Conc: 47.31 ng/ml



#15 Endosulfan II

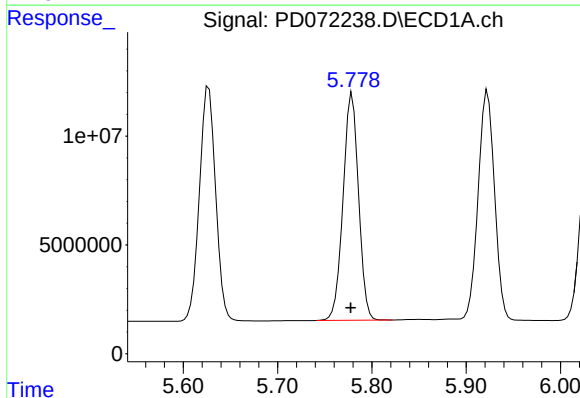
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 113613576  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



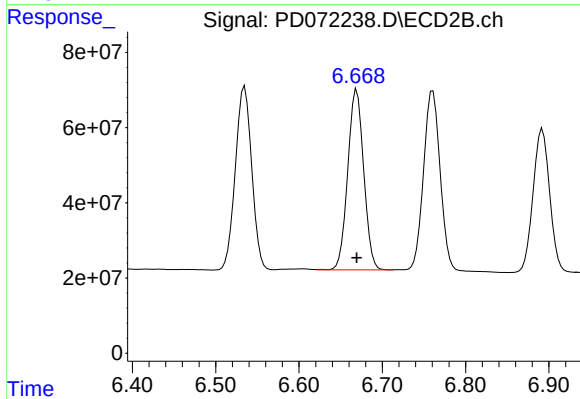
#15 Endosulfan II

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 663130103  
Conc: 49.11 ng/ml



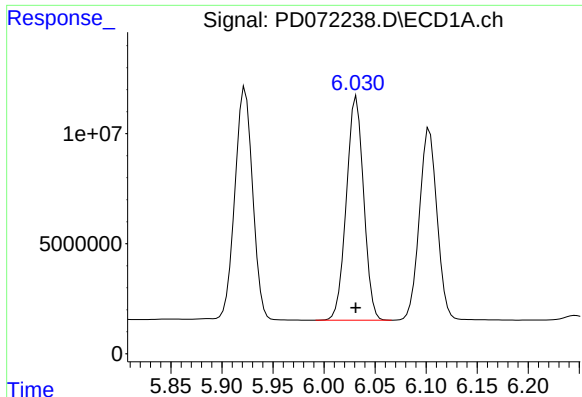
#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: 0.002 min  
Response: 119181834  
Conc: 45.66 ng/ml



#16 4,4'-DDD

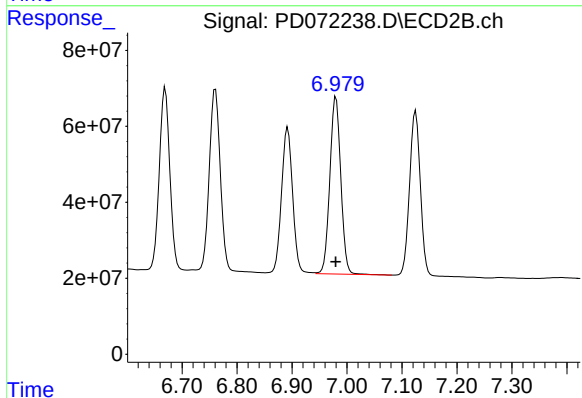
R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 637878223  
Conc: 45.89 ng/ml



#17 4,4'-DDT

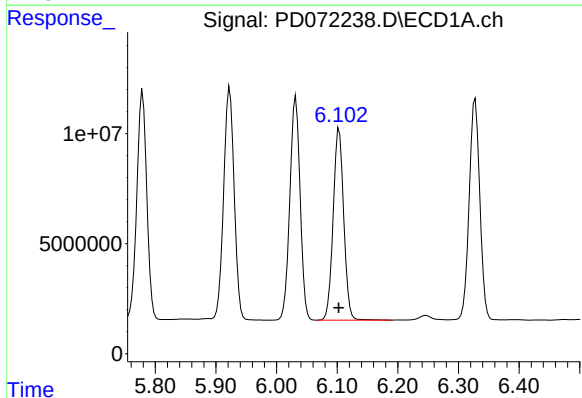
R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 119751357  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



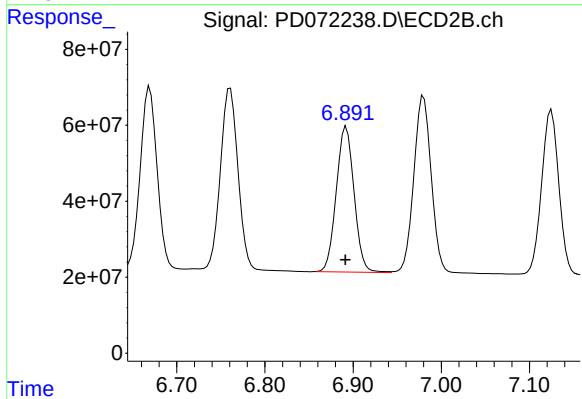
#17 4,4'-DDT

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 643804489  
Conc: 45.63 ng/ml



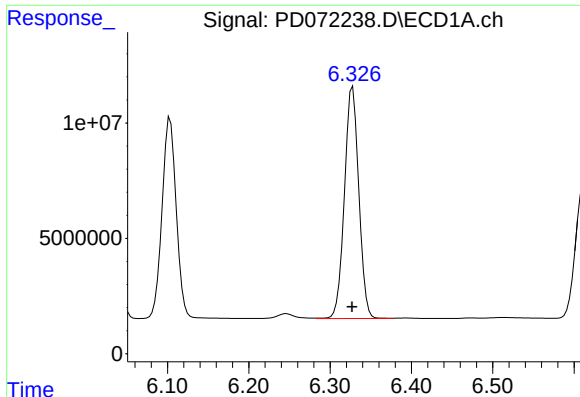
#18 Endrin aldehyde

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 105683988  
Conc: 49.62 ng/ml



#18 Endrin aldehyde

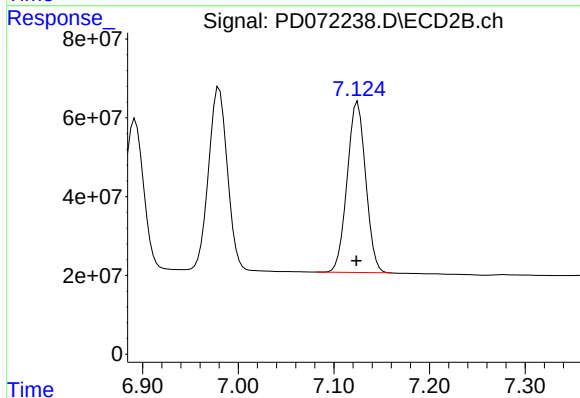
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 536394082  
Conc: 49.46 ng/ml



#19 Endosulfan Sulfate

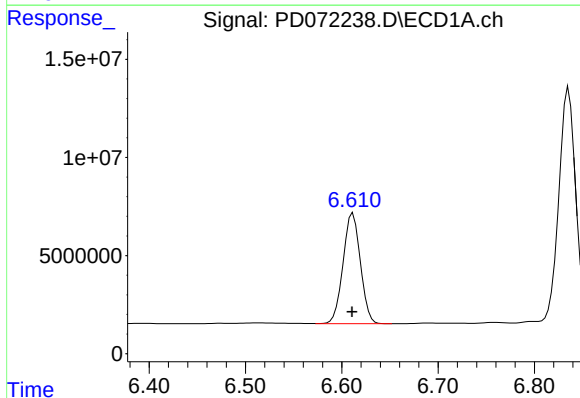
R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 122867263  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



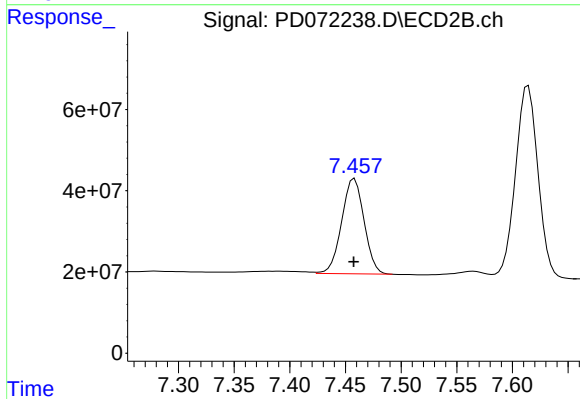
#19 Endosulfan Sulfate

R.T.: 7.125 min  
Delta R.T.: 0.001 min  
Response: 585371812  
Conc: 46.23 ng/ml



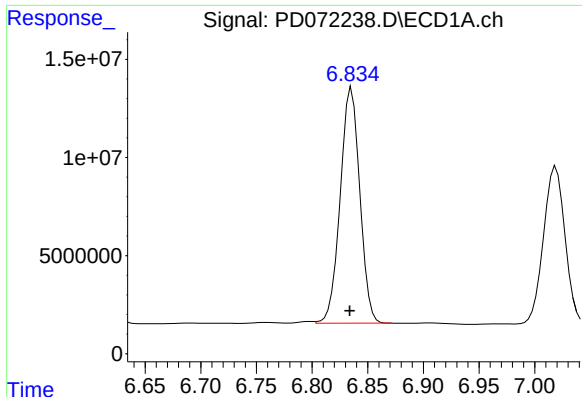
#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 70114438  
Conc: 45.43 ng/ml



#20 Methoxychlor

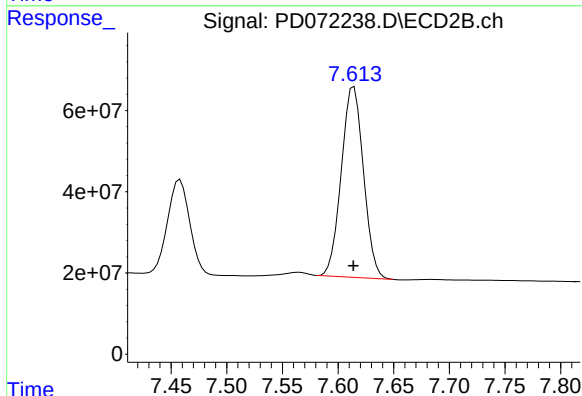
R.T.: 7.458 min  
Delta R.T.: 0.000 min  
Response: 327821243  
Conc: 47.23 ng/ml



#21 Endrin ketone

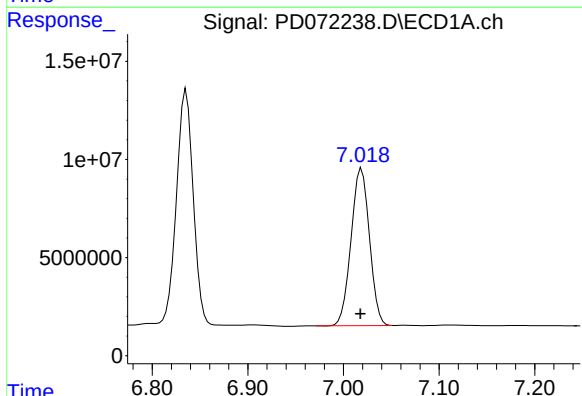
R.T.: 6.835 min  
Delta R.T.: 0.002 min  
Response: 146916643  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



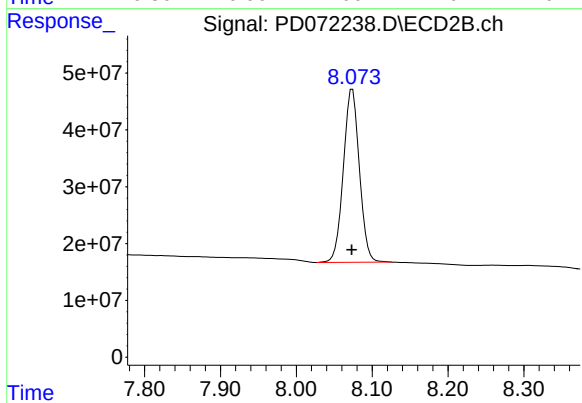
#21 Endrin ketone

R.T.: 7.614 min  
Delta R.T.: 0.000 min  
Response: 649792602  
Conc: 46.36 ng/ml



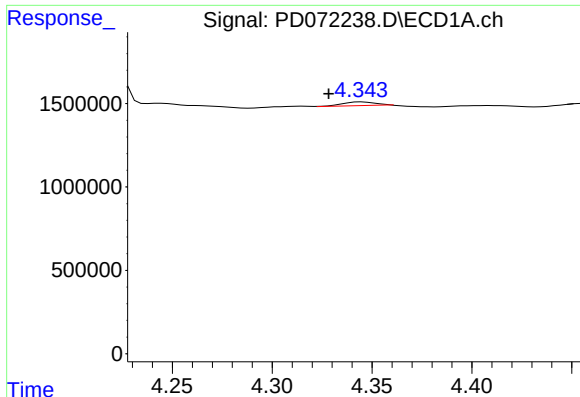
#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 107355937  
Conc: 46.13 ng/ml



#22 Mirex

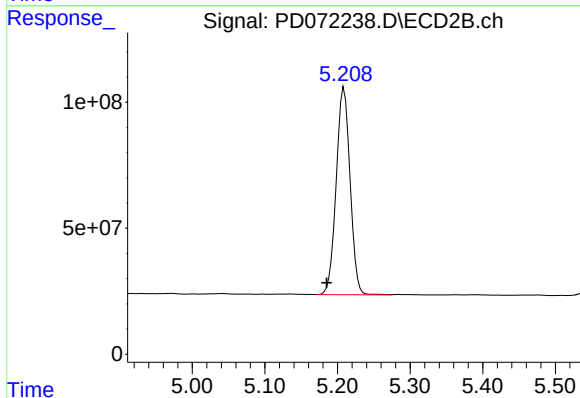
R.T.: 8.074 min  
Delta R.T.: 0.000 min  
Response: 445750569  
Conc: 48.02 ng/ml



#24 Chlordane-2

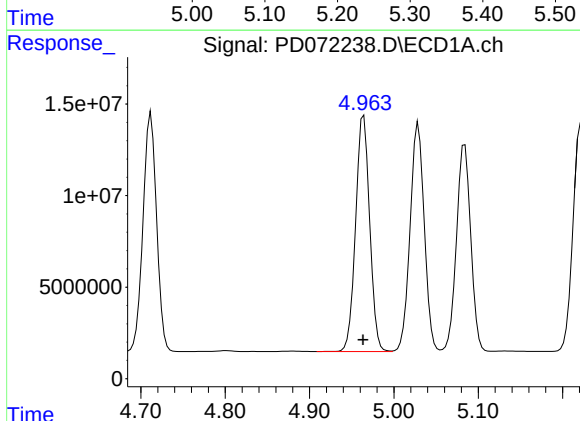
R.T.: 4.345 min  
Delta R.T.: 0.016 min  
Response: 260179  
Conc: 2.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



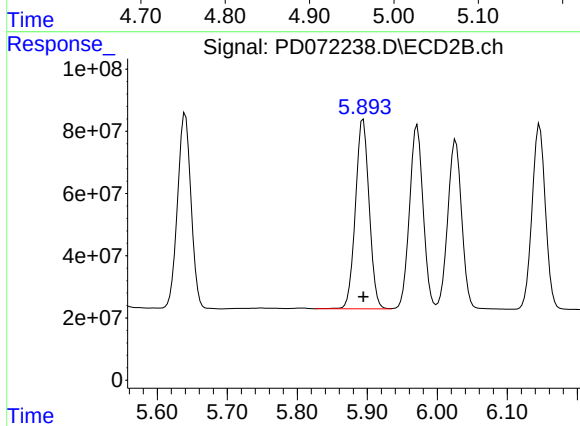
#24 Chlordane-2

R.T.: 5.209 min  
Delta R.T.: 0.024 min  
Response: 1091087602  
Conc: 1256.07 ng/ml



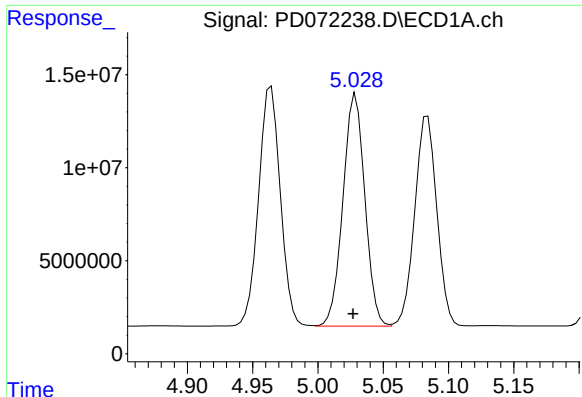
#25 Chlordane-3

R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 149206201  
Conc: 470.81 ng/ml



#25 Chlordane-3

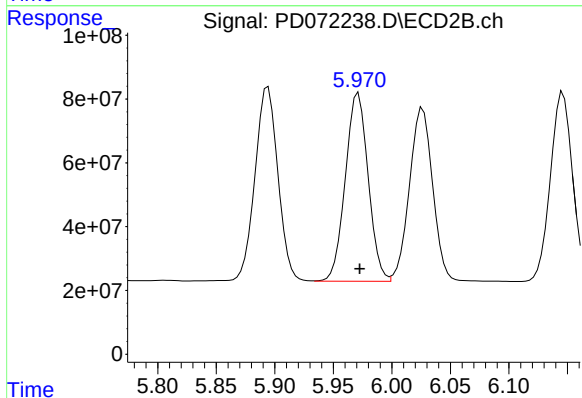
R.T.: 5.894 min  
Delta R.T.: 0.000 min  
Response: 830282187  
Conc: 329.02 ng/ml



#26 Chlordane-4

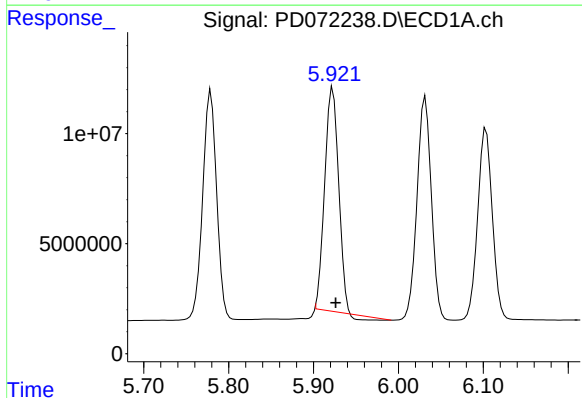
R.T.: 5.029 min  
Delta R.T.: 0.002 min  
Response: 145767248  
Conc: 469.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



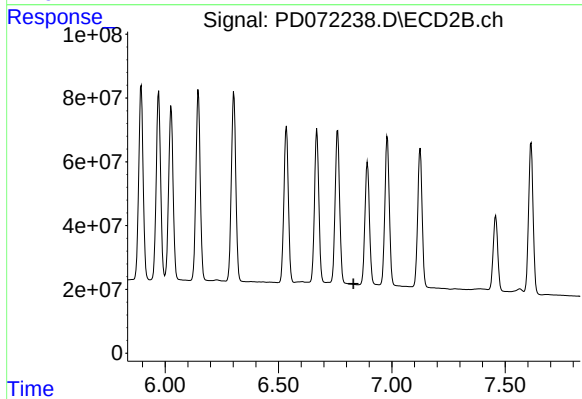
#26 Chlordane-4

R.T.: 5.971 min  
Delta R.T.: -0.001 min  
Response: 801941795  
Conc: 280.53 ng/ml



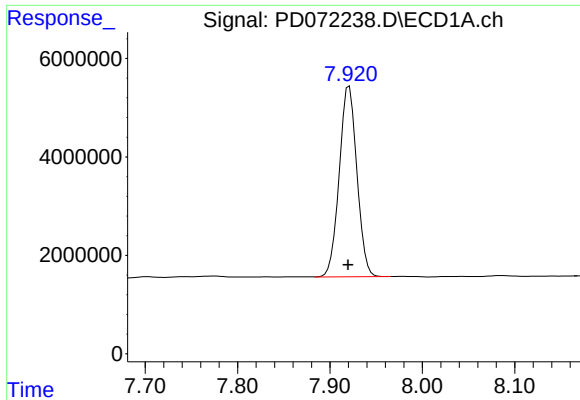
#27 Chlordane-5

R.T.: 5.923 min  
Delta R.T.: -0.004 min  
Response: 113613576  
Conc: 1097.27 ng/ml



#27 Chlordane-5

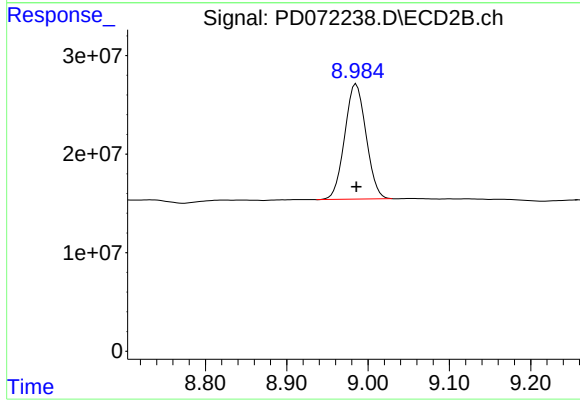
R.T.: 0.000 min  
Exp R.T. : 6.831 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: 0.001 min  
Response: 51470949  
Conc: 20.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.986 min  
Delta R.T.: 0.000 min  
Response: 212926613  
Conc: 21.19 ng/ml