

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072222\  
 Data File : PD071099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2022 19:08  
 Operator : AR\AJ  
 Sample : N3786-07MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 23:54:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 20 05:30:10 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... | 3.473  | 4.125  | 48437177 | 459.3E6  | 16.715   | 15.886     |
| 2)                          | SA Decachlor... | 8.243  | 9.322  | 47791350 | 189.5E6  | 15.642   | 16.612     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.915  | 4.530  | 197.2E6  | 1472.7E6 | 44.960   | 38.853     |
| 3)                          | MA gamma-BHC... | 4.199  | 4.823  | 173.2E6  | 1207.0E6 | 39.890   | 40.411     |
| 4)                          | MA Heptachlor   | 0.000  | 5.340  | 0        | 923.5E6  | N.D.     | 41.809 #   |
| 5)                          | MB Aldrin       | 4.747  | 5.652  | 176.0E6  | 769.6E6  | 42.107   | 41.573     |
| 6)                          | B beta-BHC      | 4.449  | 4.999  | 67641853 | 480.6E6  | 40.470   | 35.830     |
| 7)                          | B delta-BHC     | 4.653  | 5.224  | 163.8E6  | 977.5E6  | 41.391   | 41.343     |
| 8)                          | B Heptachlo...  | 5.192  | 6.048  | 157.8E6  | 651.4E6  | 42.118   | 43.082     |
| 9)                          | A Endosulfan I  | 5.531  | 6.412  | 150.3E6  | 614.4E6  | 43.043   | 42.325     |
| 10)                         | B gamma-Chl...  | 5.418  | 6.284  | 162.4E6  | 662.7E6  | 41.756   | 42.020     |
| 11)                         | B alpha-Chl...  | 5.477  | 6.357  | 160.1E6  | 645.7E6  | 41.883   | 41.964     |
| 12)                         | B 4,4'-DDE      | 5.643  | 6.512  | 150.3E6  | 639.1E6  | 42.669   | 42.581     |
| 13)                         | MA Dieldrin     | 5.776  | 6.674  | 160.2E6  | 654.2E6  | 42.633   | 42.814     |
| 14)                         | MA Endrin       | 6.034  | 6.897  | 142.5E6  | 547.7E6  | 45.625   | 52.808     |
| 15)                         | B Endosulfa...  | 6.308  | 7.111  | 128.5E6  | 537.5E6  | 42.729   | 42.935     |
| 16)                         | A 4,4'-DDD      | 6.160  | 7.013  | 125.4E6  | 540.8E6  | 42.722   | 43.477     |
| 17)                         | MA 4,4'-DDT     | 6.402  | 7.314  | 134.1E6  | 594.8E6  | 43.816   | 44.409     |
| 18)                         | B Endrin al...  | 6.478  | 7.237  | 98888866 | 436.7E6  | 41.229   | 43.300     |
| 19)                         | B Endosulfa...  | 6.691  | 7.461  | 102.3E6  | 515.0E6  | 34.325   | 42.623     |
| 20)                         | A Methoxychlor  | 6.953  | 7.773  | 75352605 | 292.6E6  | 45.582   | 42.585     |
| 21)                         | B Endrin ke...  | 7.185  | 7.943  | 150.0E6  | 560.9E6  | 43.291   | 40.531     |
| 22)                         | Mirex           | 7.371  | 8.397  | 29285099 | 379.5E6  | 10.563   | 41.299 #   |
| 23)                         | Chlordane-1     | 4.374f | 5.173f | 6073961  | 10631130 | 56.314   | 13.025 #   |
| 24)                         | Chlordane-2     | 4.848  | 5.652f | 298497   | 769.6E6  | 2.421    | 1290.523 # |
| 25)                         | Chlordane-3     | 5.418  | 6.284  | 162.4E6  | 662.7E6  | 455.883  | 335.582 #  |
| 26)                         | Chlordane-4     | 5.477  | 6.357  | 160.1E6  | 645.7E6  | 542.964  | 281.504 #  |
| 27)                         | Chlordane-5     | 6.308  | 0.000  | 128.5E6  | 0        | 1049.737 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

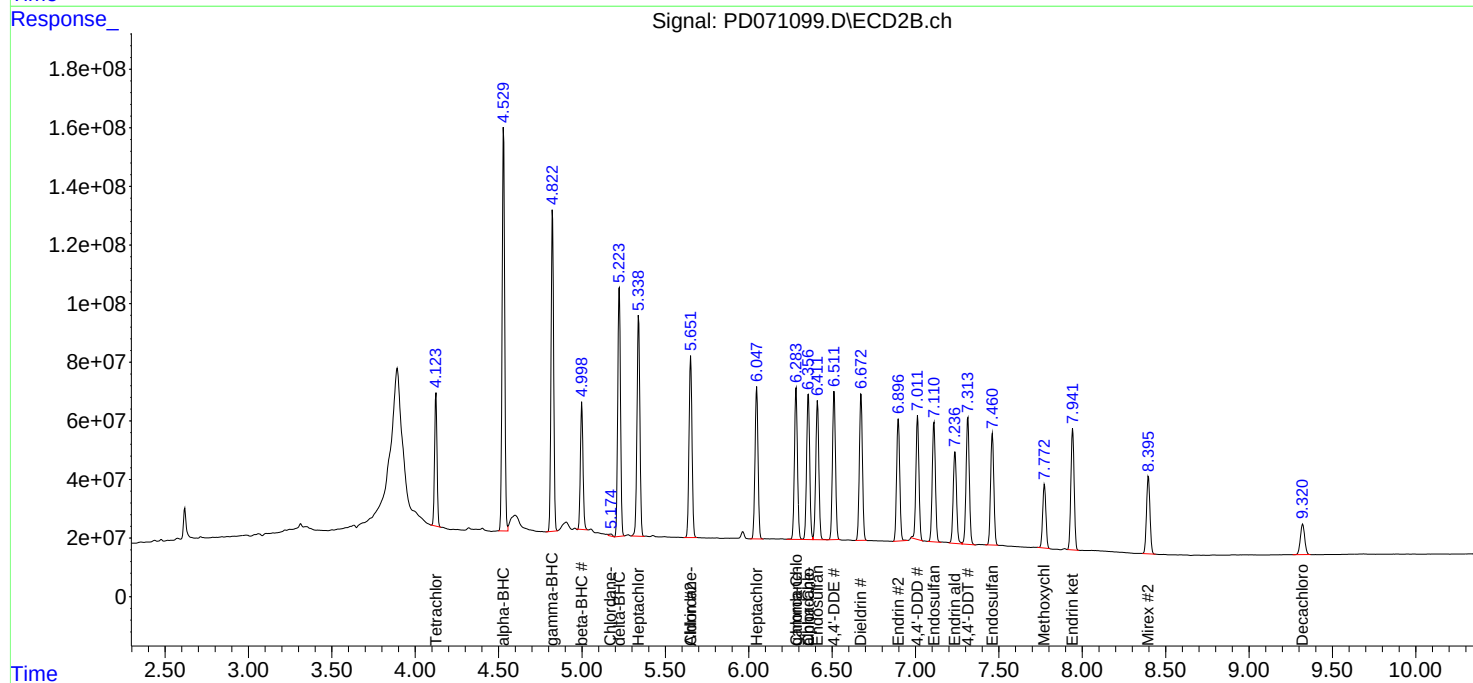
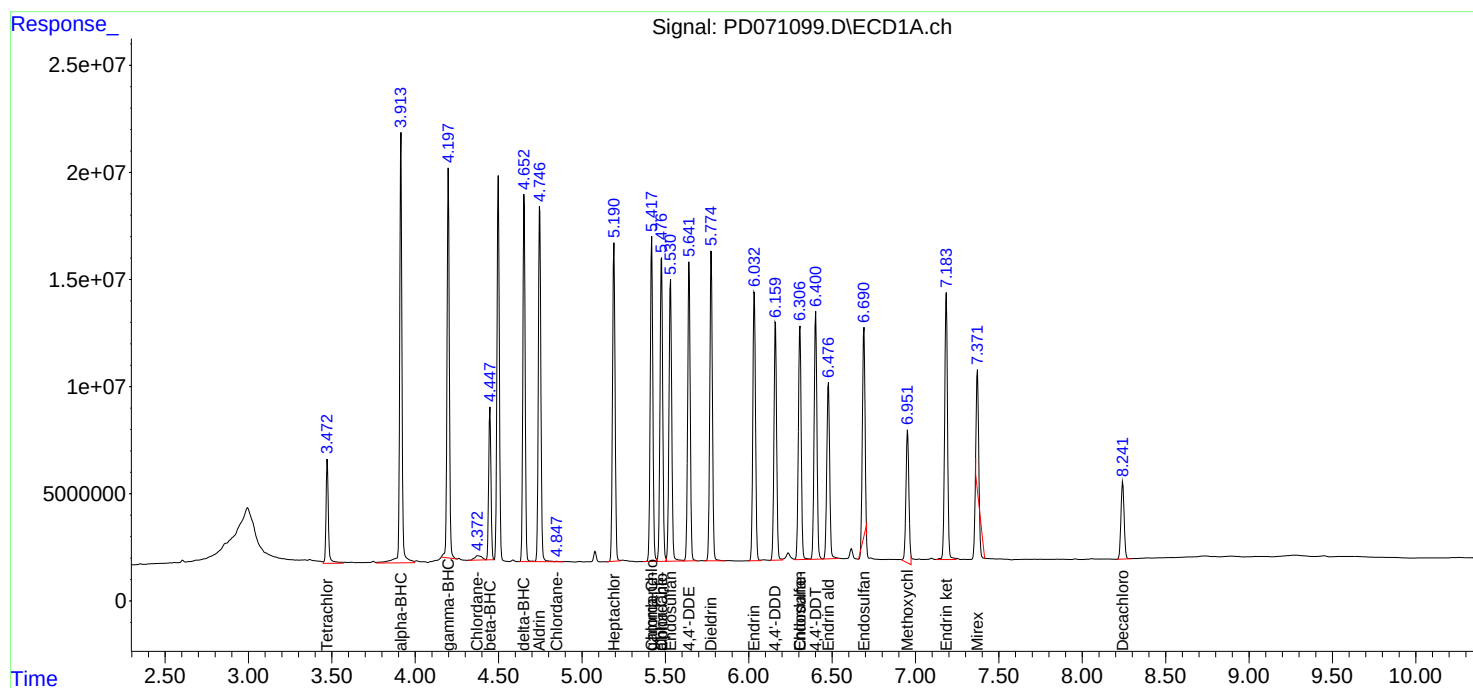
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

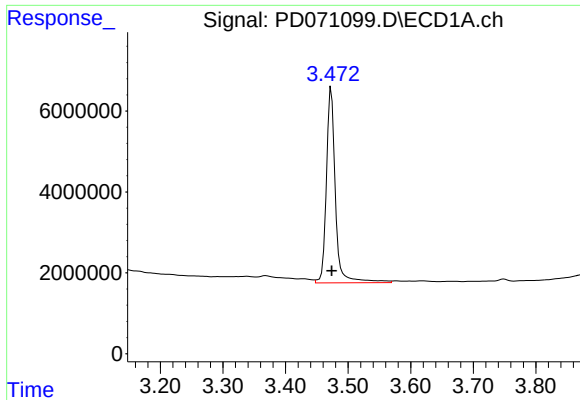
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072222\  
Data File : PD071099.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2022 19:08  
Operator : AR\AJ  
Sample : N3786-07MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 21 23:54:40 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 20 05:30:10 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

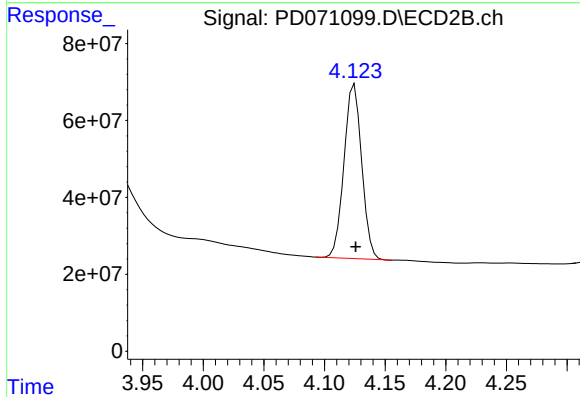




#1 Tetrachloro-m-xylene

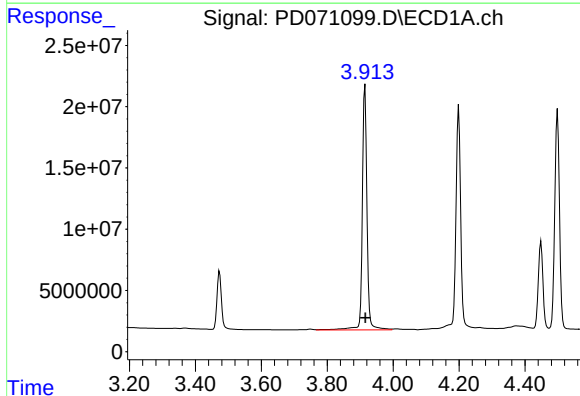
R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 48437177  
Conc: 16.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



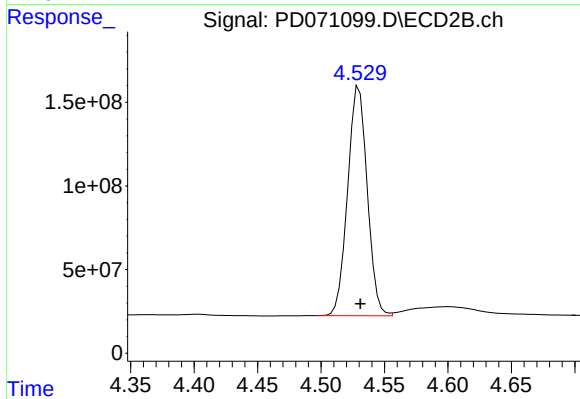
#1 Tetrachloro-m-xylene

R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 459307443  
Conc: 15.89 ng/ml



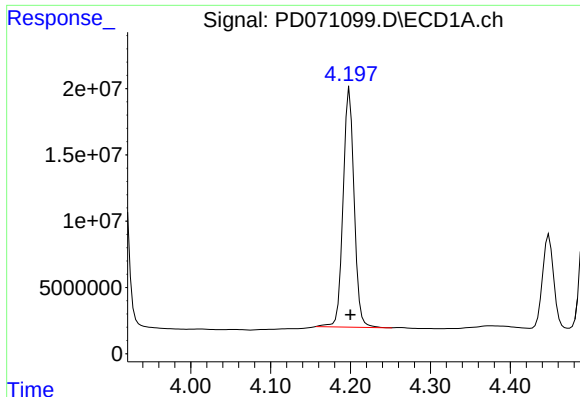
#2 alpha-BHC

R.T.: 3.915 min  
Delta R.T.: -0.001 min  
Response: 197248967  
Conc: 44.96 ng/ml



#2 alpha-BHC

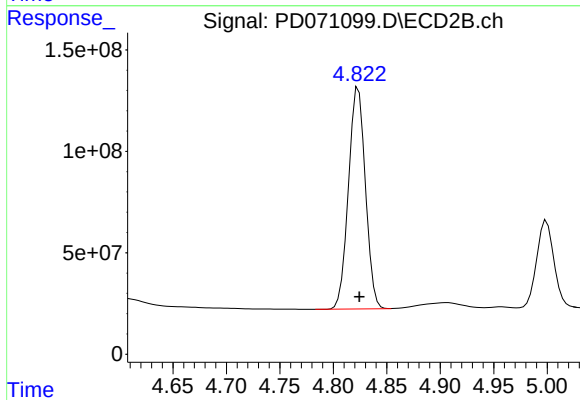
R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 1472673738  
Conc: 38.85 ng/ml



#3 gamma-BHC (Lindane)

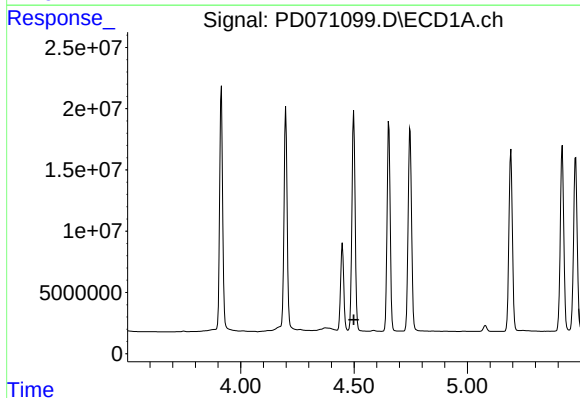
R.T.: 4.199 min  
Delta R.T.: 0.000 min  
Response: 173204680  
Conc: 39.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



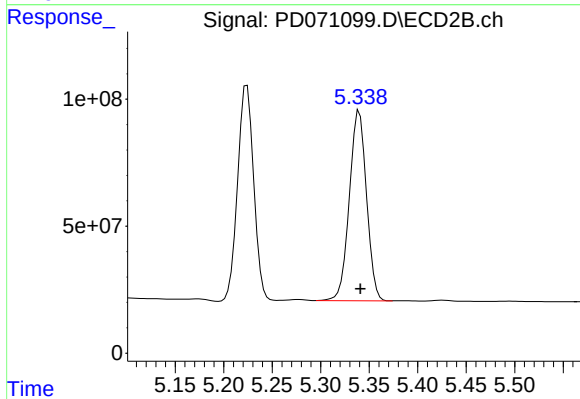
#3 gamma-BHC (Lindane)

R.T.: 4.823 min  
Delta R.T.: -0.001 min  
Response: 1206974088  
Conc: 40.41 ng/ml



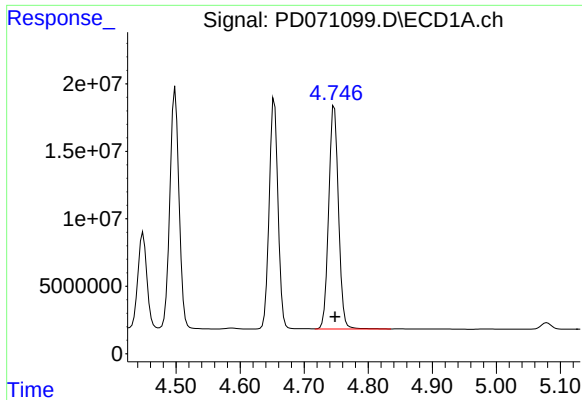
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.500 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

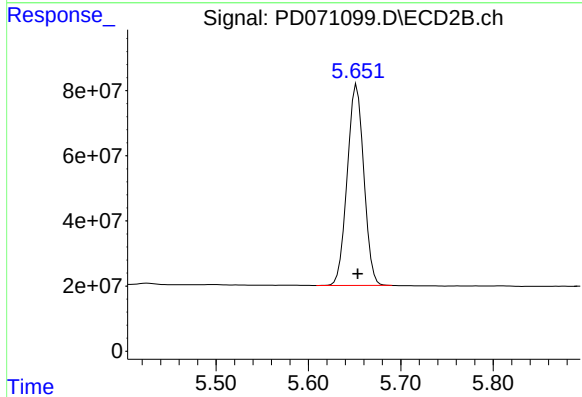
R.T.: 5.340 min  
Delta R.T.: -0.001 min  
Response: 923548769  
Conc: 41.81 ng/ml



#5 Aldrin

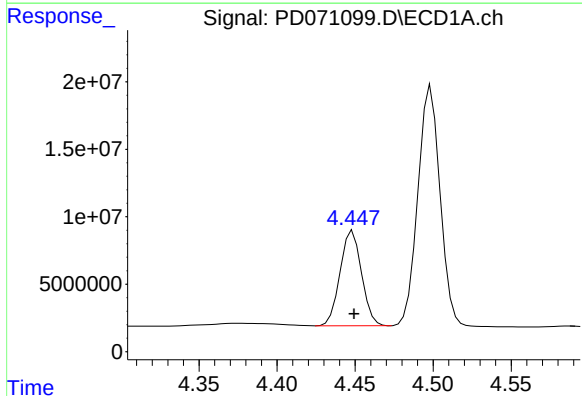
R.T.: 4.747 min  
Delta R.T.: -0.001 min  
Response: 175966689  
Conc: 42.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



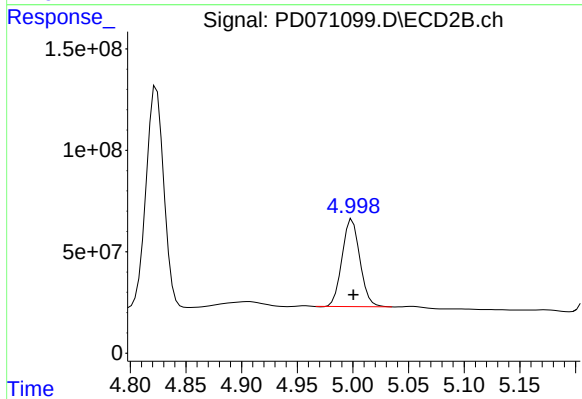
#5 Aldrin

R.T.: 5.652 min  
Delta R.T.: -0.001 min  
Response: 769639572  
Conc: 41.57 ng/ml



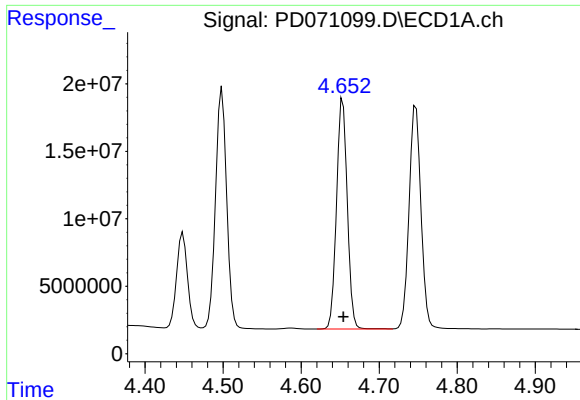
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: 0.000 min  
Response: 67641853  
Conc: 40.47 ng/ml



#6 beta-BHC

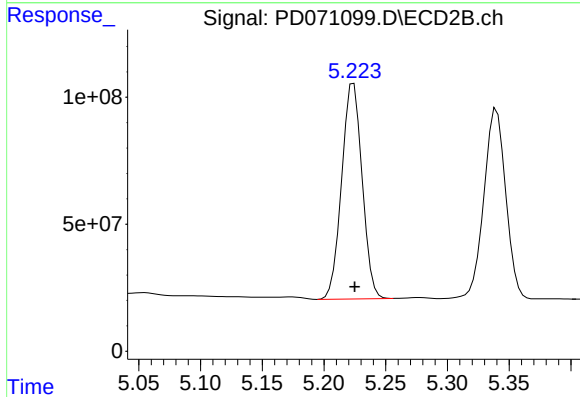
R.T.: 4.999 min  
Delta R.T.: -0.001 min  
Response: 480611889  
Conc: 35.83 ng/ml



#7 delta-BHC

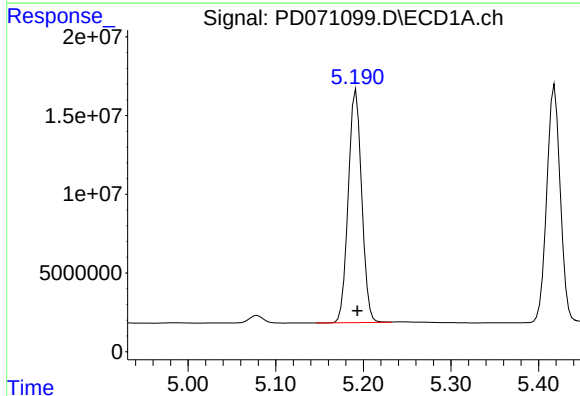
R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 163823330  
Conc: 41.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



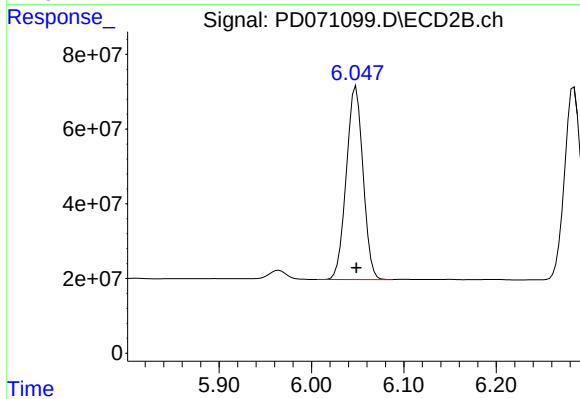
#7 delta-BHC

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 977501146  
Conc: 41.34 ng/ml



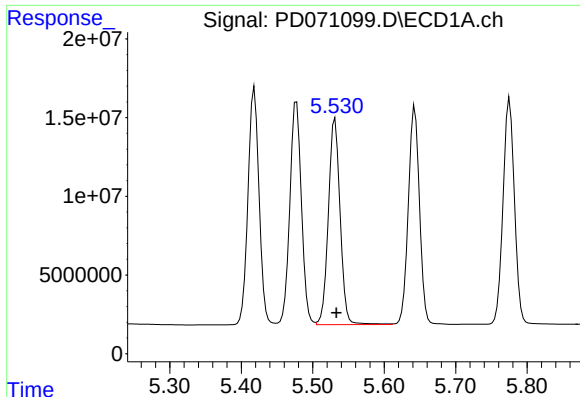
#8 Heptachlor epoxide

R.T.: 5.192 min  
Delta R.T.: -0.002 min  
Response: 157765429  
Conc: 42.12 ng/ml



#8 Heptachlor epoxide

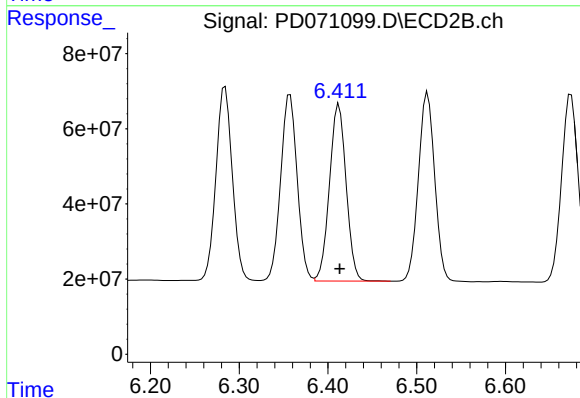
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 651371260  
Conc: 43.08 ng/ml



#9 Endosulfan I

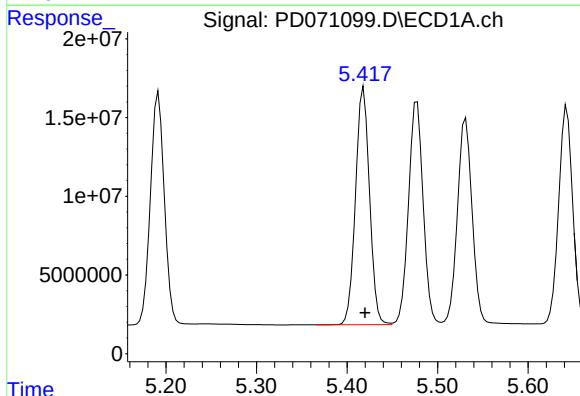
R.T.: 5.531 min  
Delta R.T.: -0.002 min  
Response: 150290852  
Conc: 43.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



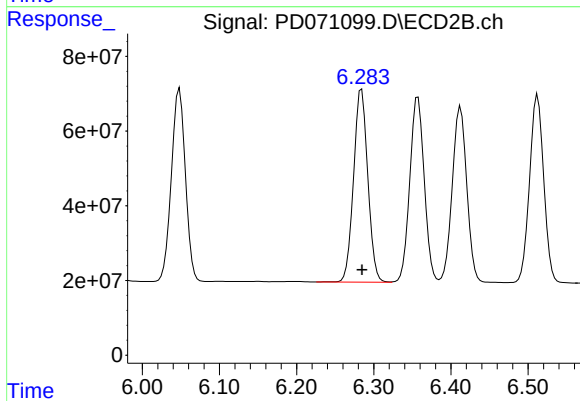
#9 Endosulfan I

R.T.: 6.412 min  
Delta R.T.: 0.000 min  
Response: 614408625  
Conc: 42.32 ng/ml



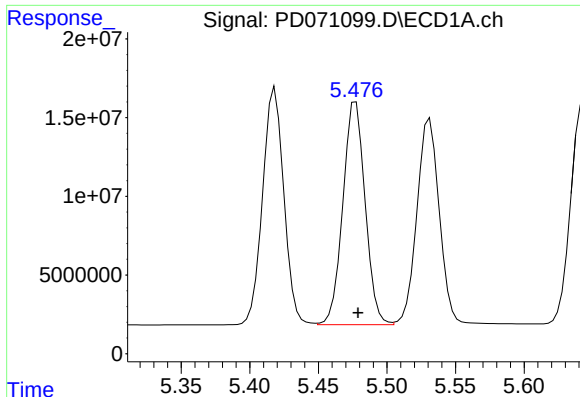
#10 gamma-Chlordane

R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 162362847  
Conc: 41.76 ng/ml



#10 gamma-Chlordane

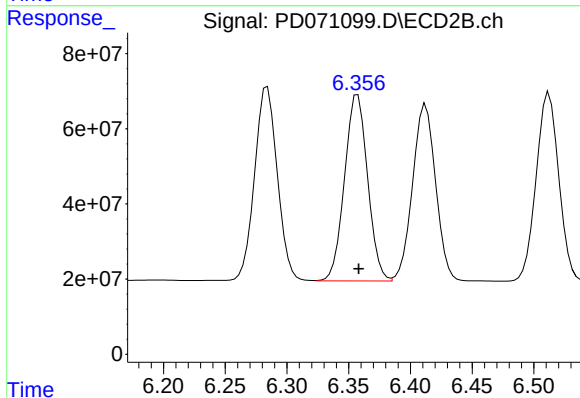
R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 662714399  
Conc: 42.02 ng/ml



#11 alpha-Chlordane

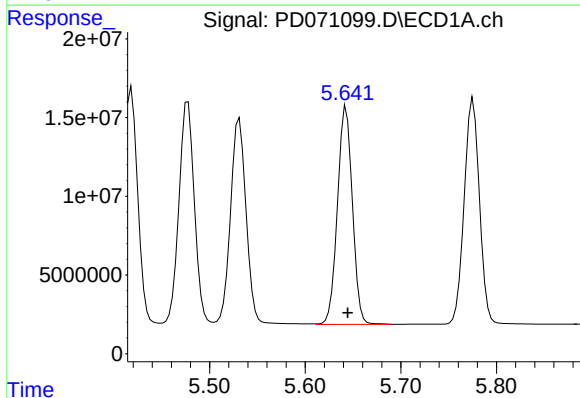
R.T.: 5.477 min  
Delta R.T.: -0.002 min  
Response: 160131721  
Conc: 41.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



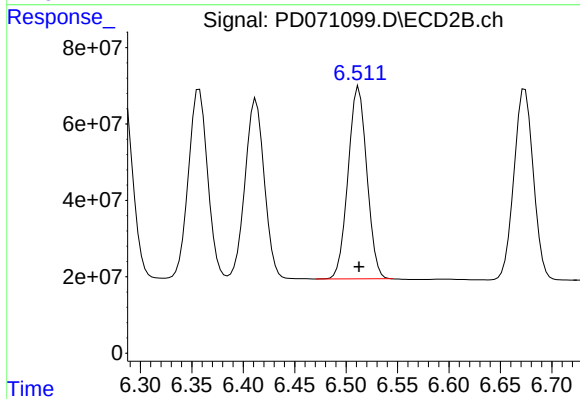
#11 alpha-Chlordane

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 645698826  
Conc: 41.96 ng/ml



#12 4,4'-DDE

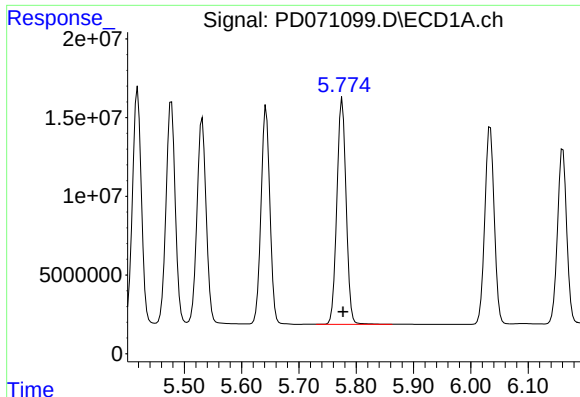
R.T.: 5.643 min  
Delta R.T.: -0.002 min  
Response: 150267775  
Conc: 42.67 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min  
Delta R.T.: 0.000 min  
Response: 639148221  
Conc: 42.58 ng/ml

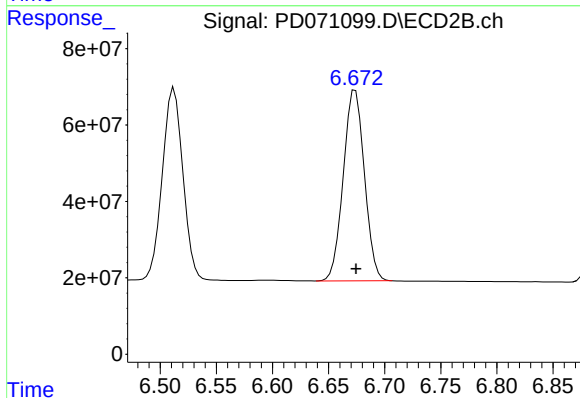




#13 Dieldrin

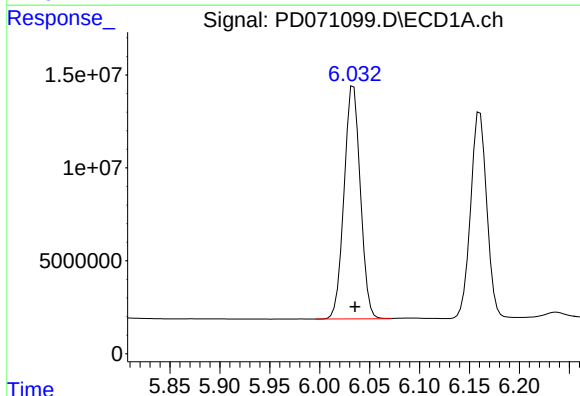
R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 160151922  
Conc: 42.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



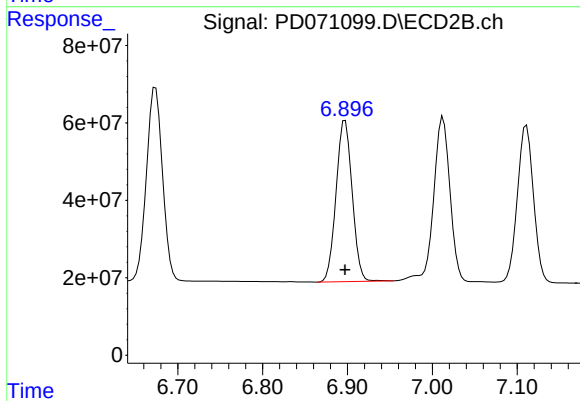
#13 Dieldrin

R.T.: 6.674 min  
Delta R.T.: 0.000 min  
Response: 654198695  
Conc: 42.81 ng/ml



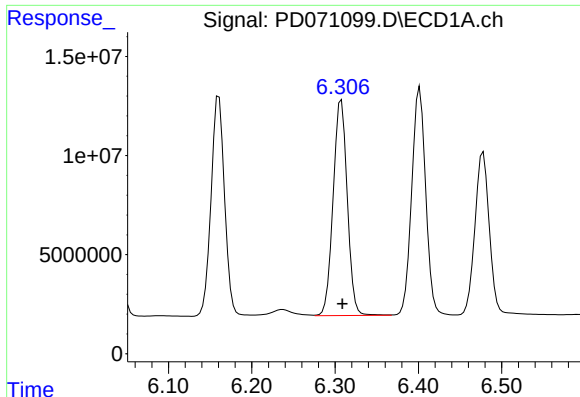
#14 Endrin

R.T.: 6.034 min  
Delta R.T.: -0.002 min  
Response: 142475012  
Conc: 45.62 ng/ml



#14 Endrin

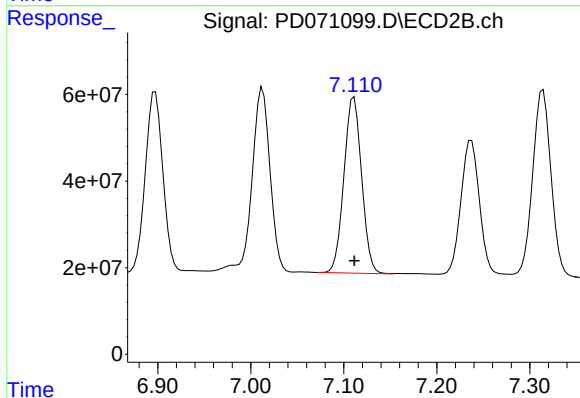
R.T.: 6.897 min  
Delta R.T.: 0.000 min  
Response: 547728425  
Conc: 52.81 ng/ml



#15 Endosulfan II

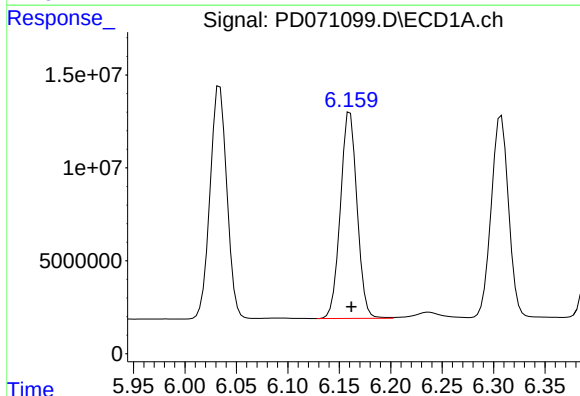
R.T.: 6.308 min  
Delta R.T.: -0.001 min  
Response: 128534903  
Conc: 42.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



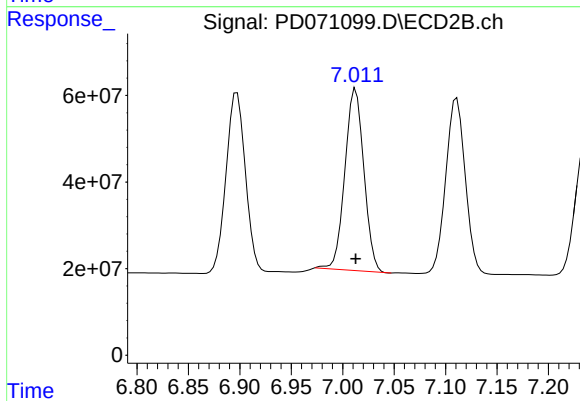
#15 Endosulfan II

R.T.: 7.111 min  
Delta R.T.: 0.000 min  
Response: 537467577  
Conc: 42.93 ng/ml



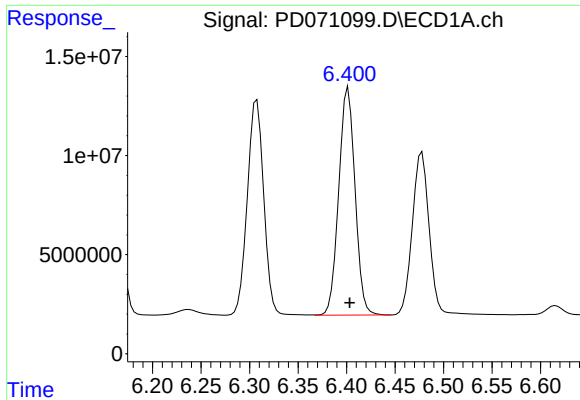
#16 4,4'-DDD

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 125387220  
Conc: 42.72 ng/ml



#16 4,4'-DDD

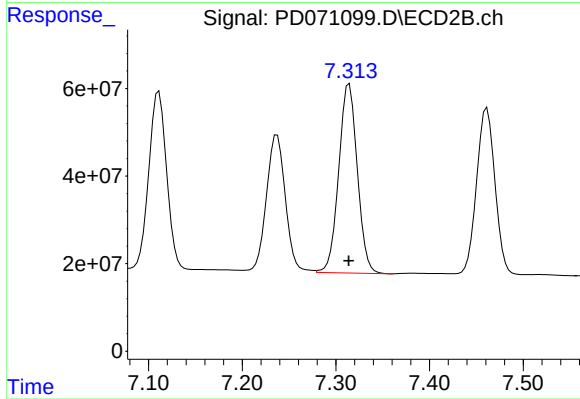
R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 540777075  
Conc: 43.48 ng/ml



#17 4,4'-DDT

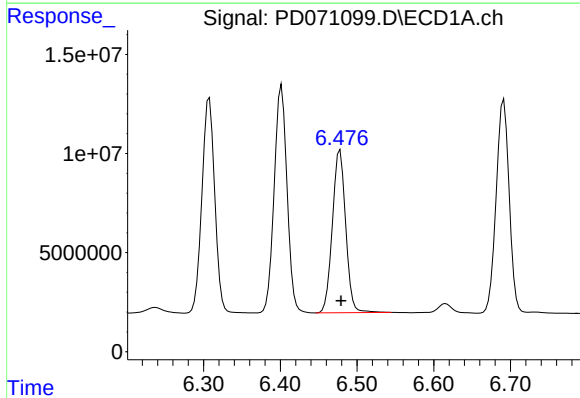
R.T.: 6.402 min  
Delta R.T.: -0.002 min  
Response: 134126808  
Conc: 43.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



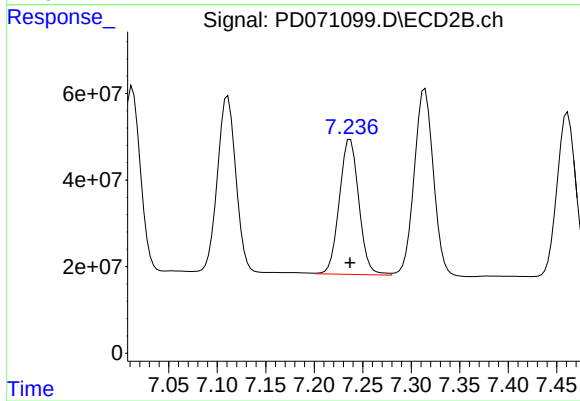
#17 4,4'-DDT

R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 594783457  
Conc: 44.41 ng/ml



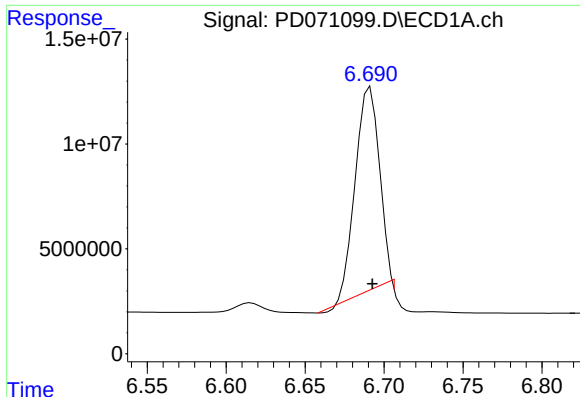
#18 Endrin aldehyde

R.T.: 6.478 min  
Delta R.T.: -0.001 min  
Response: 98888866  
Conc: 41.23 ng/ml



#18 Endrin aldehyde

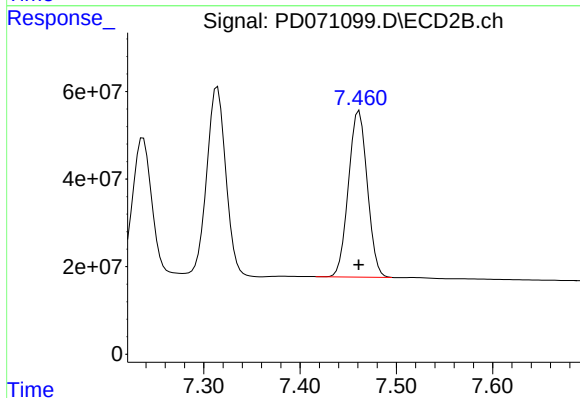
R.T.: 7.237 min  
Delta R.T.: 0.000 min  
Response: 436650679  
Conc: 43.30 ng/ml



#19 Endosulfan Sulfate

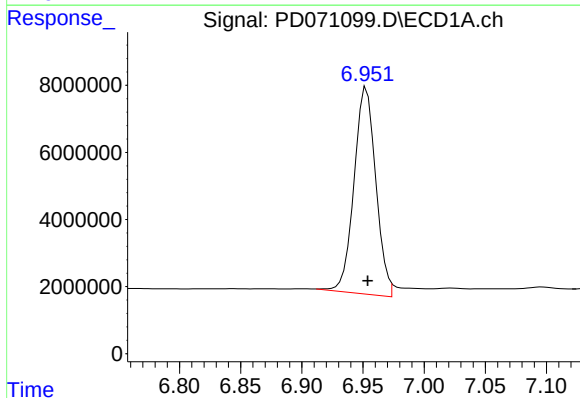
R.T.: 6.691 min  
Delta R.T.: -0.001 min  
Response: 102251832  
Conc: 34.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



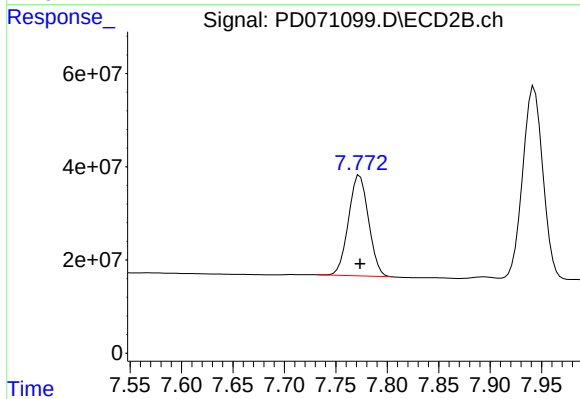
#19 Endosulfan Sulfate

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 515021422  
Conc: 42.62 ng/ml



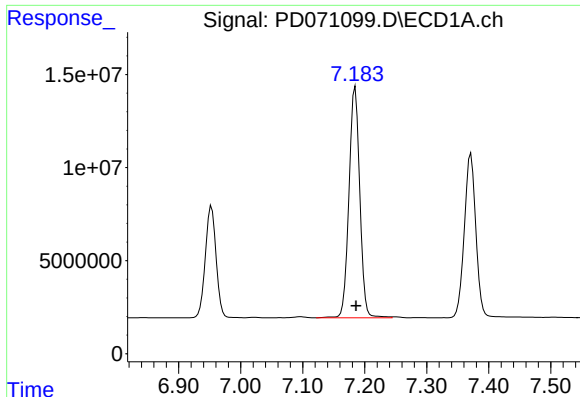
#20 Methoxychlor

R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 75352605  
Conc: 45.58 ng/ml



#20 Methoxychlor

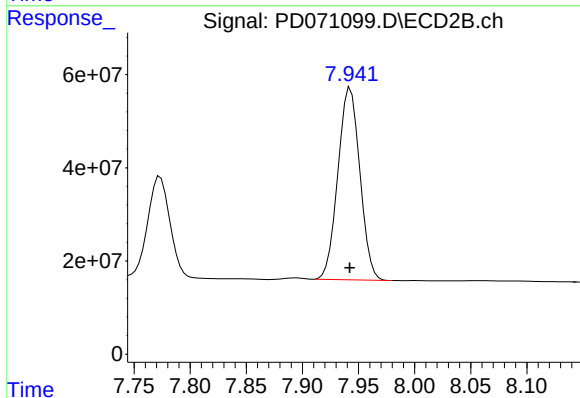
R.T.: 7.773 min  
Delta R.T.: 0.000 min  
Response: 292622992  
Conc: 42.59 ng/ml



#21 Endrin ketone

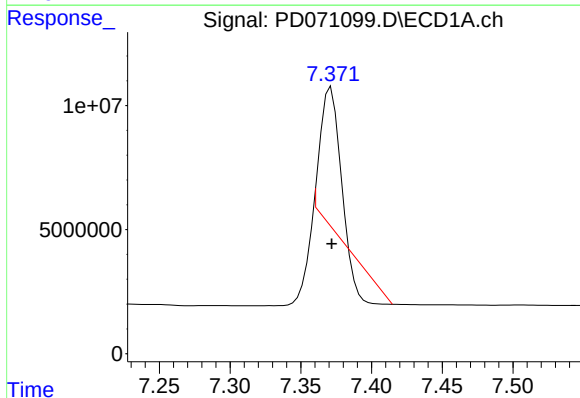
R.T.: 7.185 min  
Delta R.T.: -0.001 min  
Response: 149955220  
Conc: 43.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



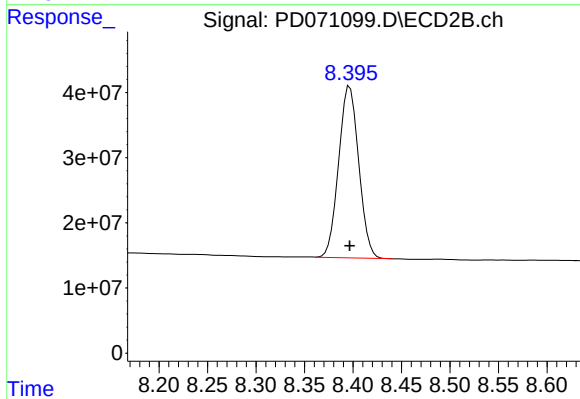
#21 Endrin ketone

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 560944581  
Conc: 40.53 ng/ml



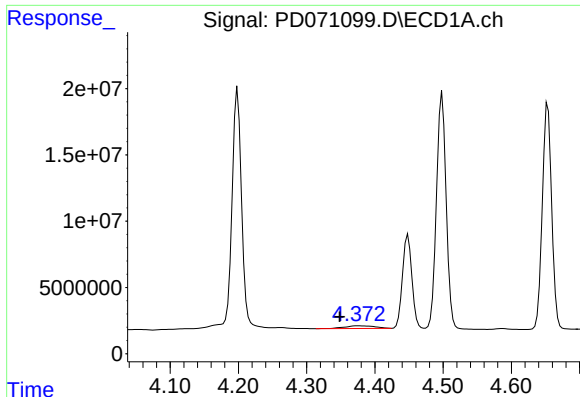
#22 Mirex

R.T.: 7.371 min  
Delta R.T.: 0.000 min  
Response: 29285099  
Conc: 10.56 ng/ml



#22 Mirex

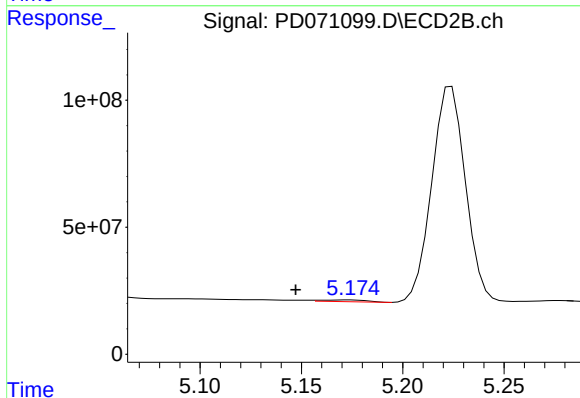
R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 379512302  
Conc: 41.30 ng/ml



#23 Chlordane-1

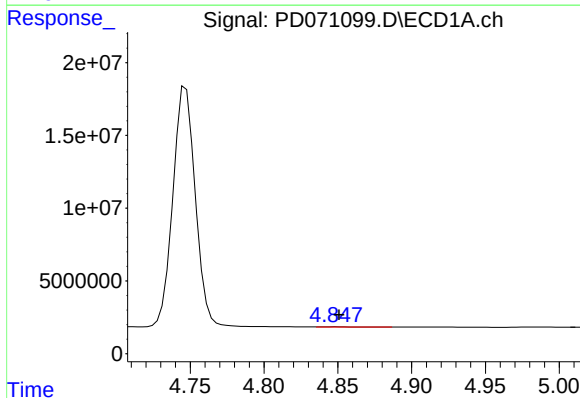
R.T.: 4.374 min  
Delta R.T.: 0.026 min  
Response: 6073961  
Conc: 56.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



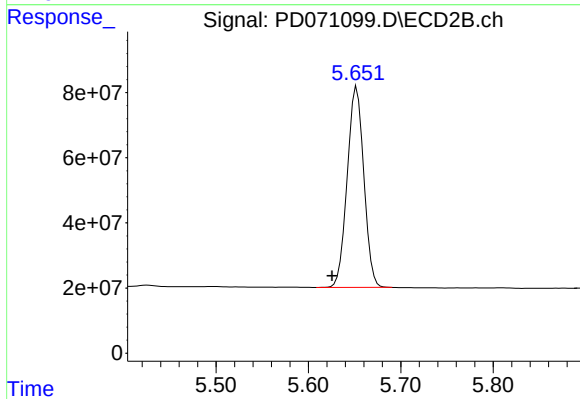
#23 Chlordane-1

R.T.: 5.173 min  
Delta R.T.: 0.026 min  
Response: 10631130  
Conc: 13.02 ng/ml



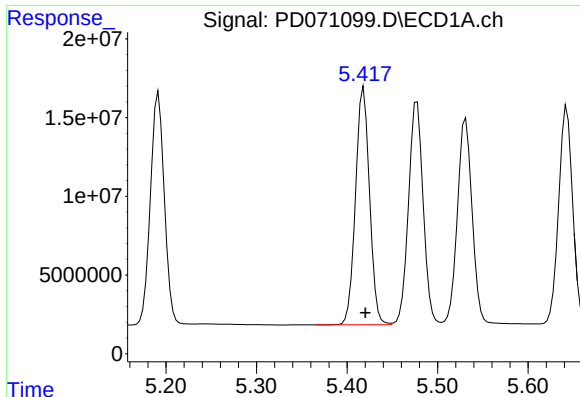
#24 Chlordane-2

R.T.: 4.848 min  
Delta R.T.: -0.002 min  
Response: 298497  
Conc: 2.42 ng/ml



#24 Chlordane-2

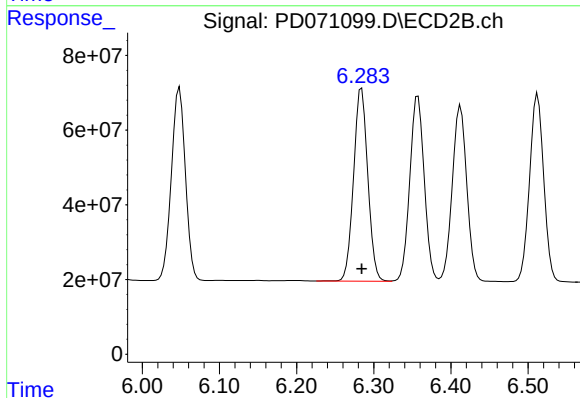
R.T.: 5.652 min  
Delta R.T.: 0.027 min  
Response: 769639572  
Conc: 1290.52 ng/ml



#25 Chlordane-3

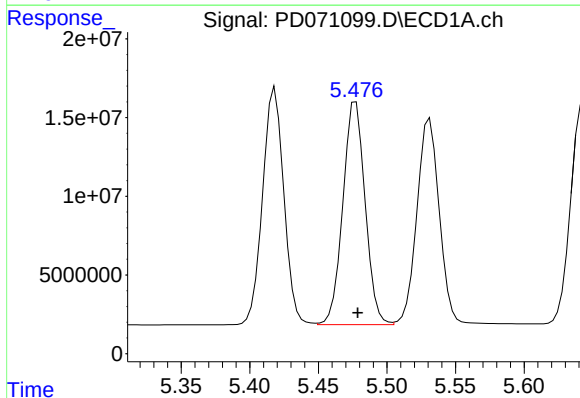
R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 162362847  
Conc: 455.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



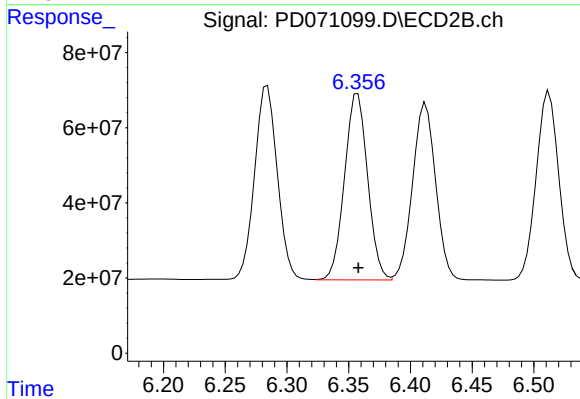
#25 Chlordane-3

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 662714399  
Conc: 335.58 ng/ml



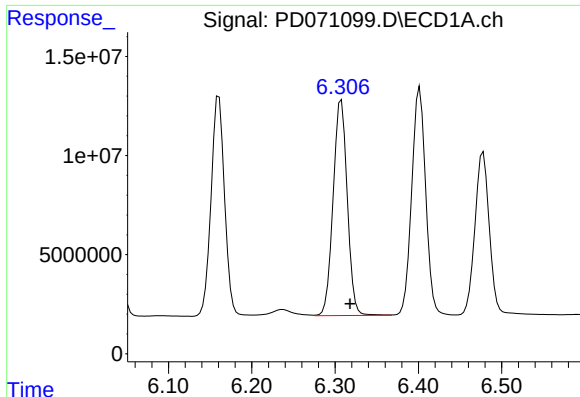
#26 Chlordane-4

R.T.: 5.477 min  
Delta R.T.: -0.001 min  
Response: 160131721  
Conc: 542.96 ng/ml



#26 Chlordane-4

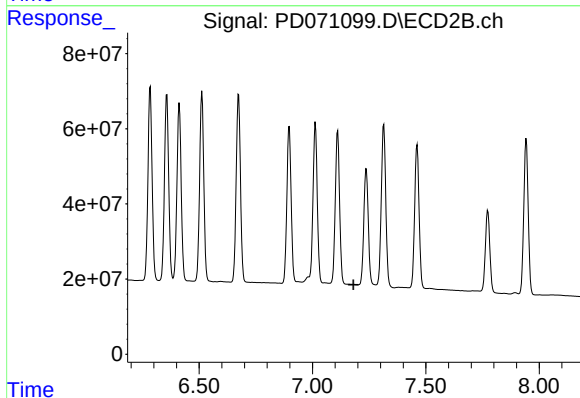
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 645698826  
Conc: 281.50 ng/ml



#27 Chlordane-5

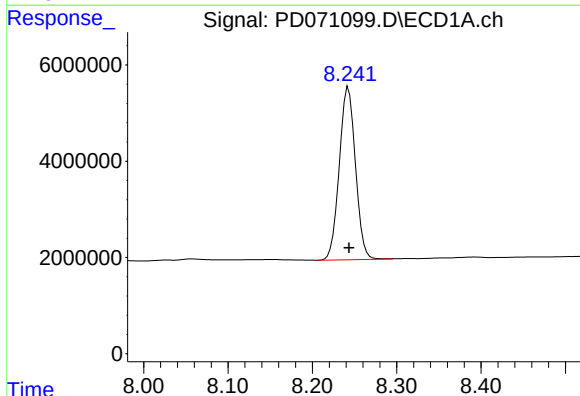
R.T.: 6.308 min  
Delta R.T.: -0.010 min  
Response: 128534903  
Conc: 1049.74 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



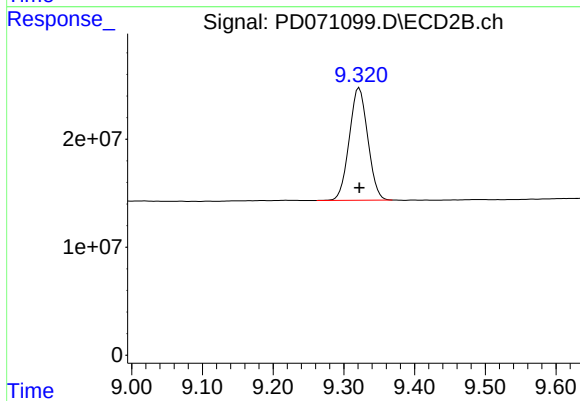
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.181 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.243 min  
Delta R.T.: 0.000 min  
Response: 47791350  
Conc: 15.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.322 min  
Delta R.T.: 0.000 min  
Response: 189456450  
Conc: 16.61 ng/ml