

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
 Data File : PD075868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2023 19:03  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 22:12:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.546  | 2.768 | 109.2E6  | 54628823 | 51.243   | 50.352     |
| 2)                          | SA Decachlor... | 9.088  | 7.914 | 116.0E6  | 46585675 | 45.796   | 47.644     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.003  | 3.270 | 195.2E6  | 82120878 | 52.872   | 51.333     |
| 3)                          | MA gamma-BHC... | 4.336  | 3.600 | 177.8E6  | 75405338 | 52.849   | 51.177     |
| 4)                          | MA Heptachlor   | 4.927  | 3.940 | 179.3E6  | 74501333 | 49.997   | 49.051     |
| 5)                          | MB Aldrin       | 5.270  | 4.220 | 177.0E6  | 74306490 | 50.497   | 49.830     |
| 6)                          | B beta-BHC      | 4.532  | 3.896 | 73595650 | 32923056 | 51.189   | 51.651     |
| 7)                          | B delta-BHC     | 4.780  | 4.127 | 178.7E6  | 76788120 | 53.758   | 52.995     |
| 8)                          | B Heptachlo...  | 5.698  | 4.722 | 157.8E6  | 67969405 | 48.978   | 49.481     |
| 9)                          | A Endosulfan I  | 6.085  | 5.093 | 145.7E6  | 62621134 | 48.571   | 48.991     |
| 10)                         | B gamma-Chl...  | 5.954  | 4.973 | 159.2E6  | 68794491 | 49.420   | 50.138     |
| 11)                         | B alpha-Chl...  | 6.034  | 5.037 | 157.3E6  | 67776032 | 48.647   | 49.408     |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.226 | 144.1E6  | 61420433 | 50.408   | 55.028     |
| 13)                         | MA Dieldrin     | 6.360  | 5.358 | 151.4E6  | 67072071 | 48.450   | 49.714     |
| 14)                         | MA Endrin       | 6.591  | 5.634 | 126.8E6  | 58572723 | 47.407   | 48.129     |
| 15)                         | B Endosulfa...  | 6.810  | 5.928 | 121.3E6  | 53714601 | 46.967   | 49.789     |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.781 | 117.3E6  | 52004572 | 51.536   | 59.011     |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.033 | 111.9E6  | 46758962 | 49.329   | 57.564     |
| 18)                         | B Endrin al...  | 6.940  | 6.108 | 77806781 | 43007234 | 38.776   | 49.691 #   |
| 19)                         | B Endosulfa...  | 7.176  | 6.331 | 119.2E6  | 54606248 | 47.301   | 50.533     |
| 20)                         | A Methoxychlor  | 7.515  | 6.609 | 60844424 | 26242795 | 47.006   | 56.699     |
| 21)                         | B Endrin ke...  | 7.662  | 6.837 | 134.1E6  | 61947139 | 48.143   | 50.987     |
| 22)                         | Mirex           | 8.137  | 7.020 | 98510582 | 48340972 | 45.978   | 46.117     |
| 24)                         | Chlordane-2     | 5.270f | 0.000 | 177.0E6  | 0        | 1344.549 | N.D. #     |
| 25)                         | Chlordane-3     | 5.954  | 4.973 | 159.2E6  | 68794491 | 306.559  | 463.391 #  |
| 26)                         | Chlordane-4     | 6.034  | 5.037 | 157.3E6  | 67776032 | 249.549  | 461.821 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.928 | 0        | 53714601 | N.D.     | 1110.553 # |
| -----                       |                 |        |       |          |          |          |            |

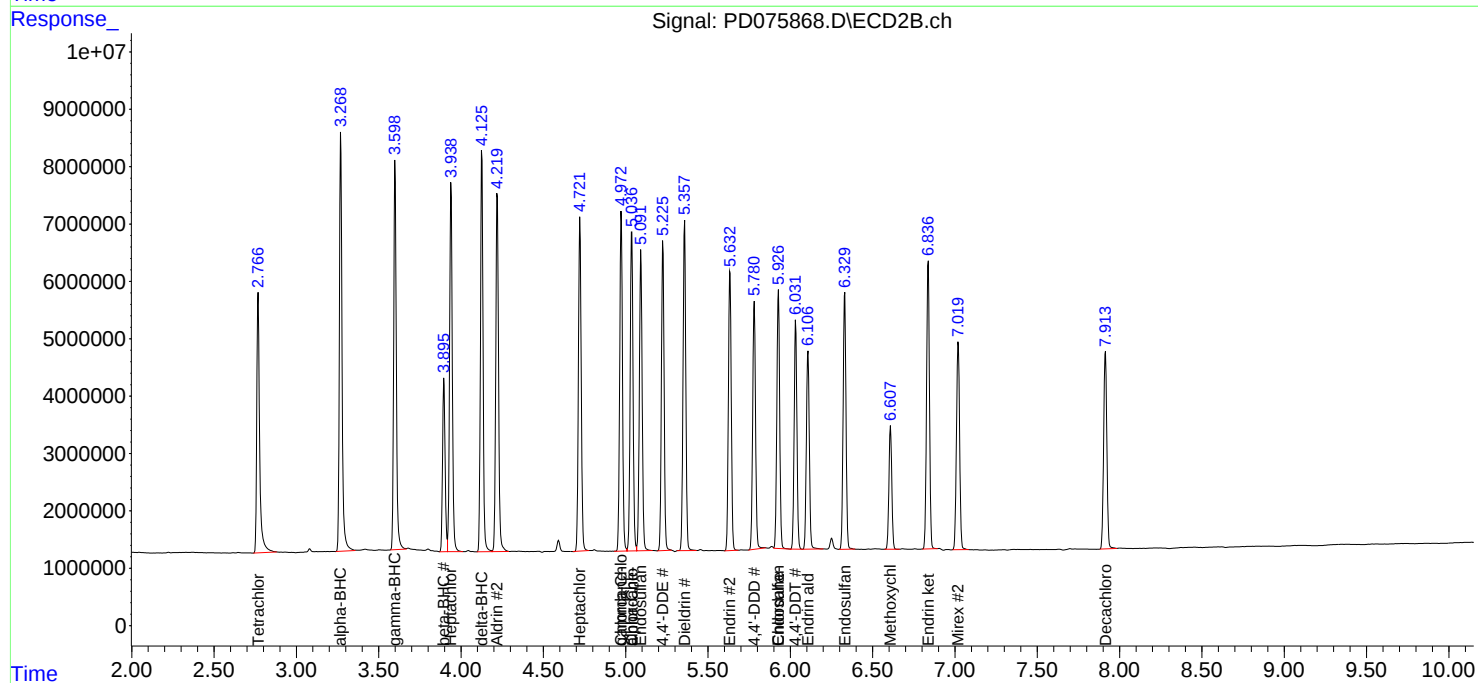
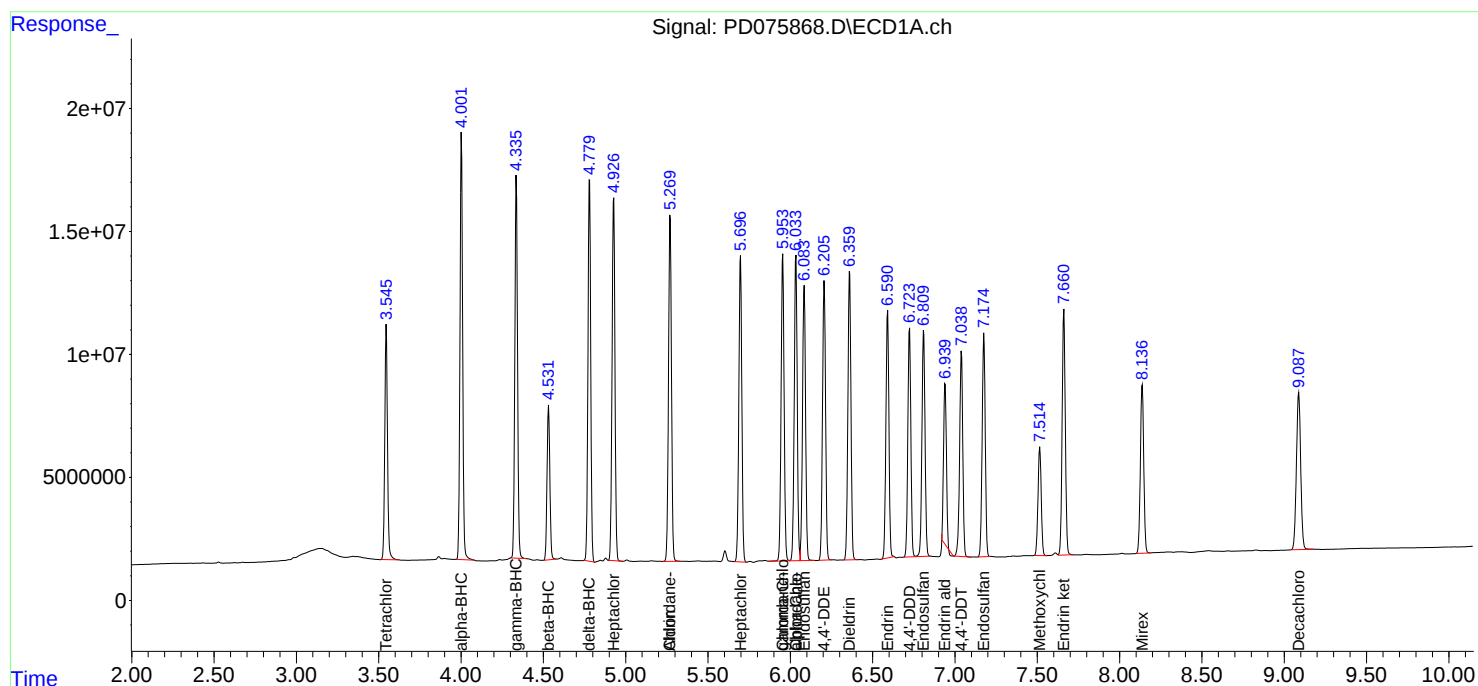
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

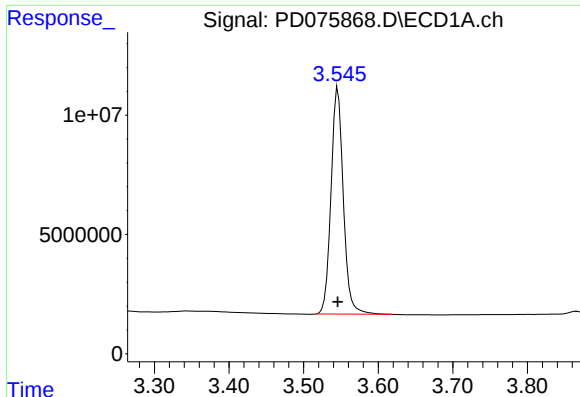
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
Data File : PD075868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2023 19:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 22:12:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

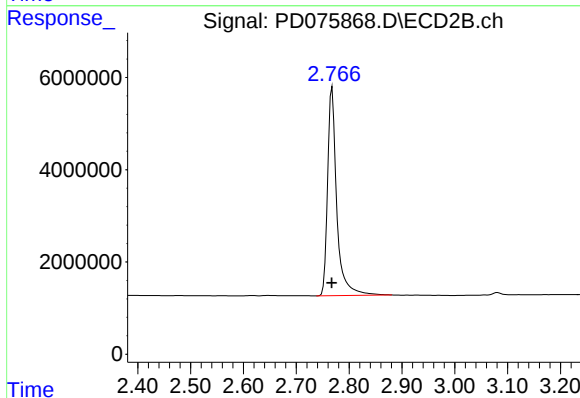




#1 Tetrachloro-m-xylene

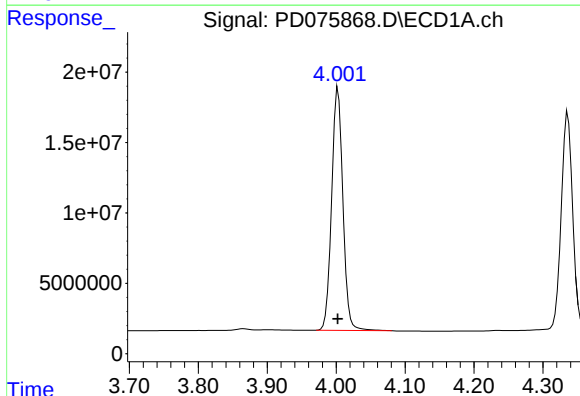
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 109154356  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



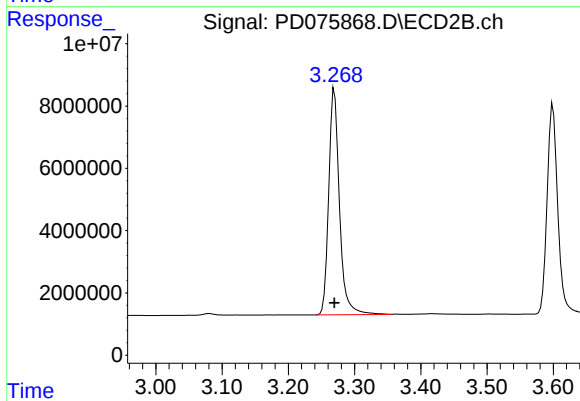
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 54628823  
Conc: 50.35 ng/ml



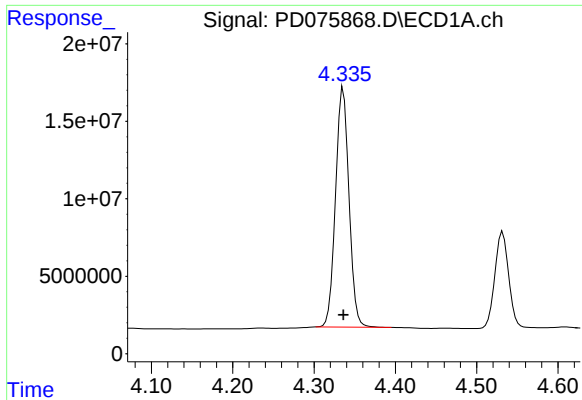
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 195209905  
Conc: 52.87 ng/ml



#2 alpha-BHC

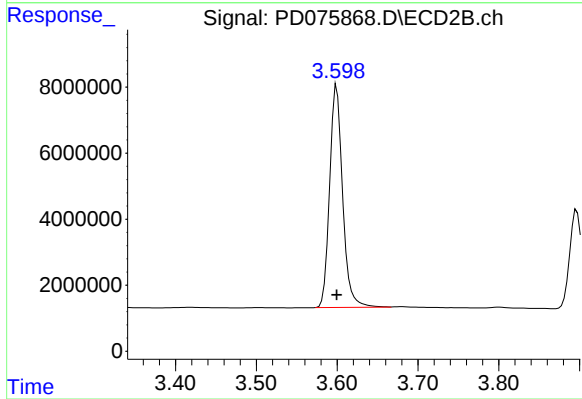
R.T.: 3.270 min  
Delta R.T.: 0.000 min  
Response: 82120878  
Conc: 51.33 ng/ml



#3 gamma-BHC (Lindane)

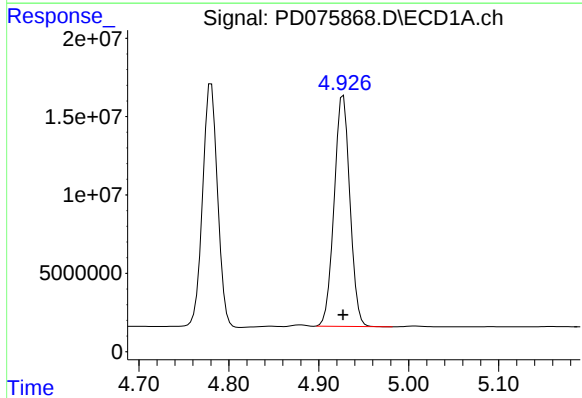
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 177832087  
Conc: 52.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



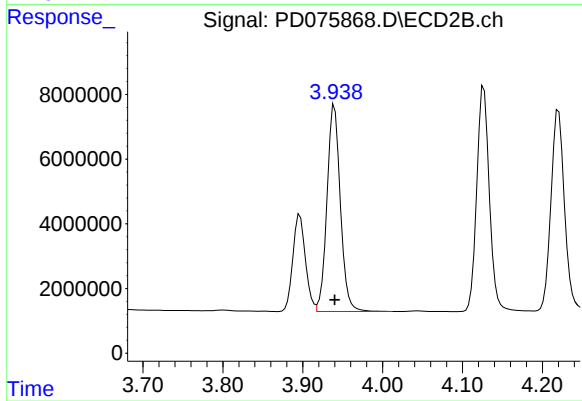
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: 0.000 min  
Response: 75405338  
Conc: 51.18 ng/ml



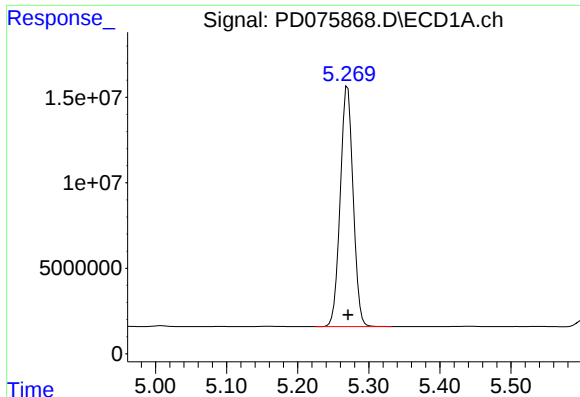
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 179320500  
Conc: 50.00 ng/ml



#4 Heptachlor

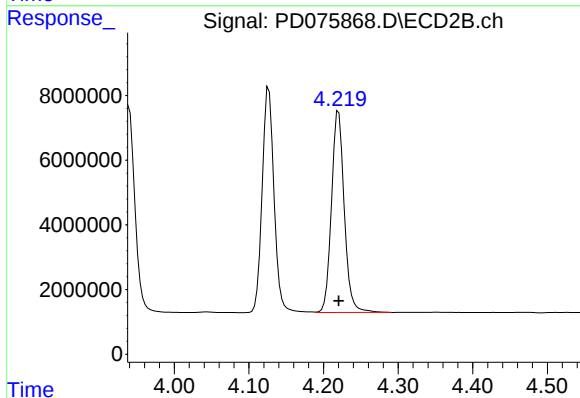
R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 74501333  
Conc: 49.05 ng/ml



#5 Aldrin

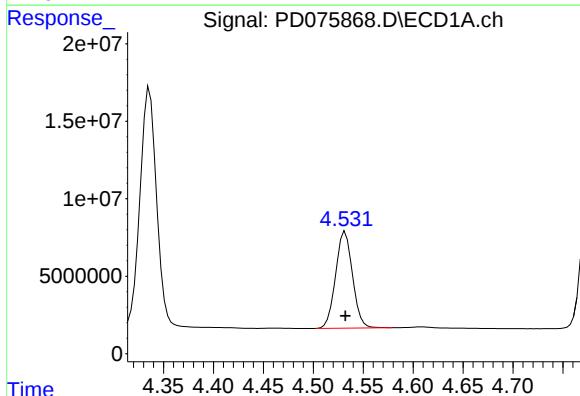
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 176953880  
Conc: 50.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



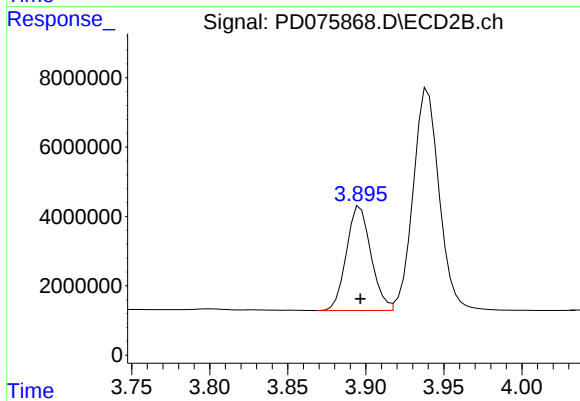
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 74306490  
Conc: 49.83 ng/ml



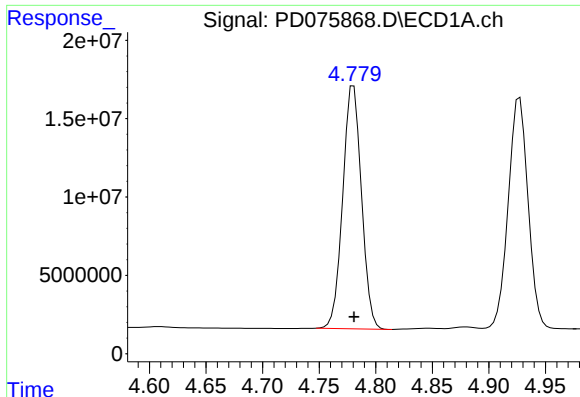
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 73595650  
Conc: 51.19 ng/ml



#6 beta-BHC

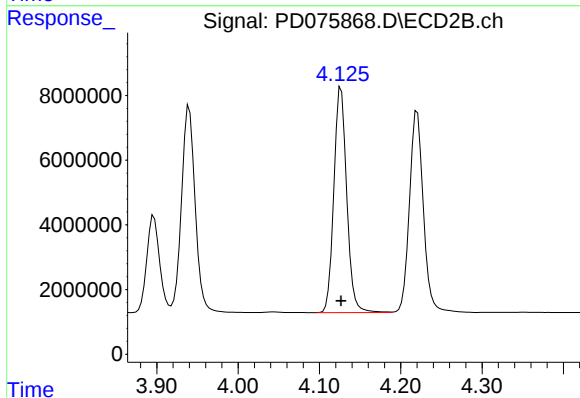
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 32923056  
Conc: 51.65 ng/ml



#7 delta-BHC

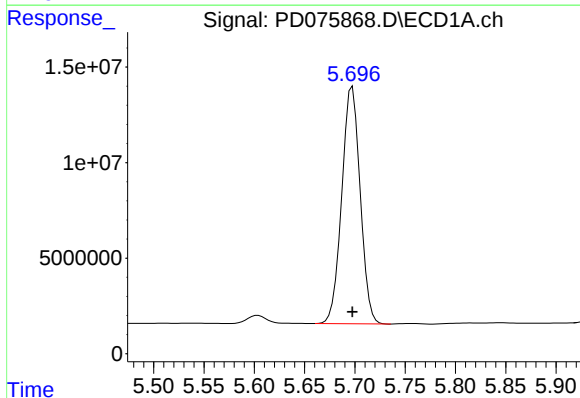
R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 178673784  
Conc: 53.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



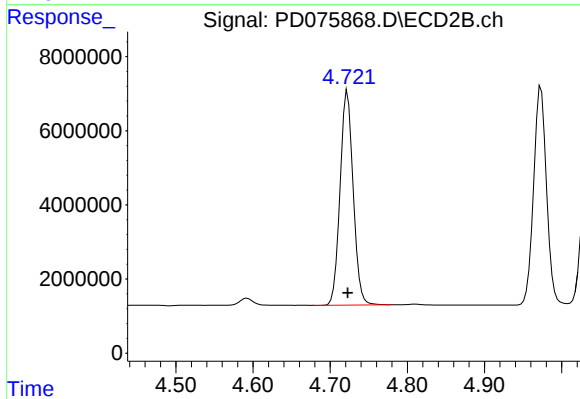
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 76788120  
Conc: 52.99 ng/ml



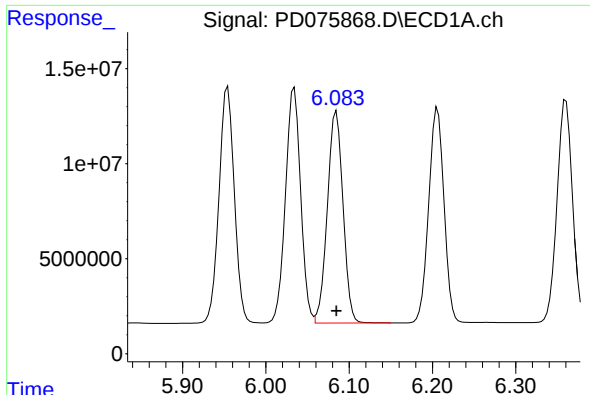
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 157820223  
Conc: 48.98 ng/ml



#8 Heptachlor epoxide

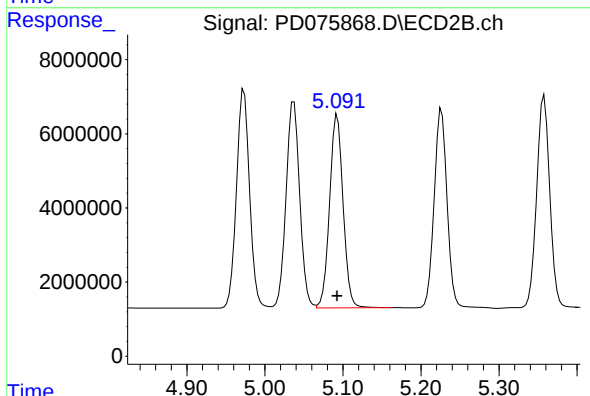
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 67969405  
Conc: 49.48 ng/ml



#9 Endosulfan I

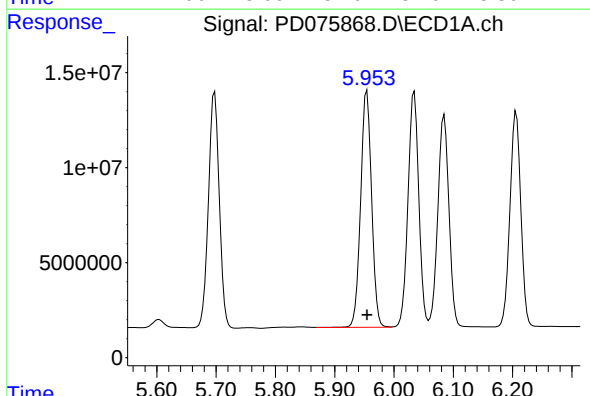
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 145686710  
Conc: 48.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



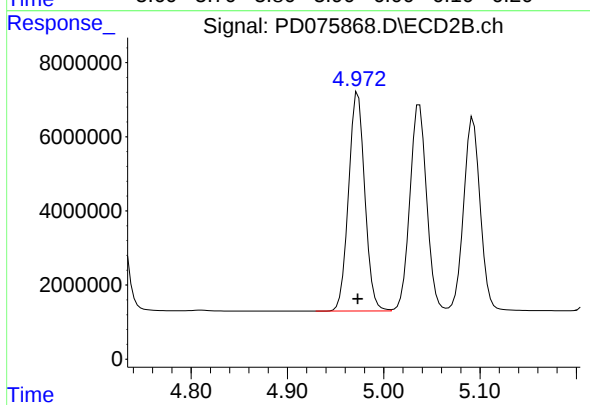
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: 0.000 min  
Response: 62621134  
Conc: 48.99 ng/ml



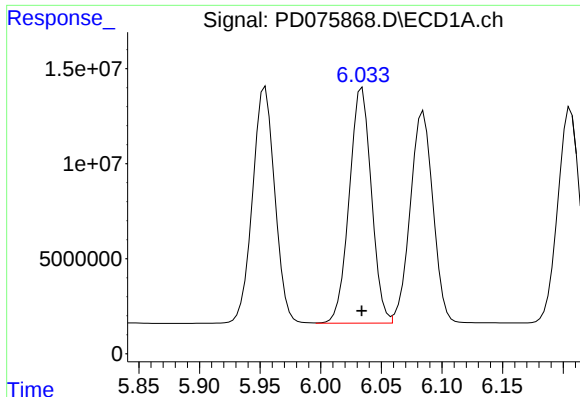
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 159199548  
Conc: 49.42 ng/ml



#10 gamma-Chlordane

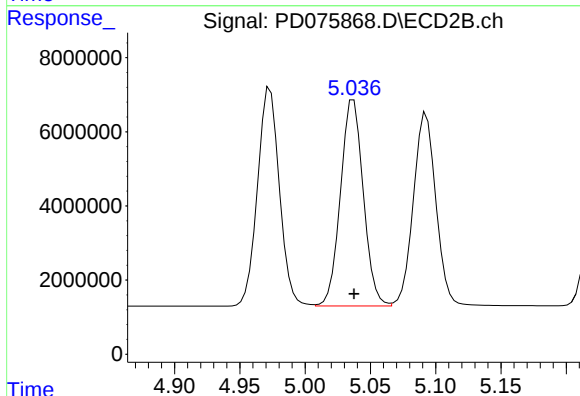
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 68794491  
Conc: 50.14 ng/ml



#11 alpha-Chlordane

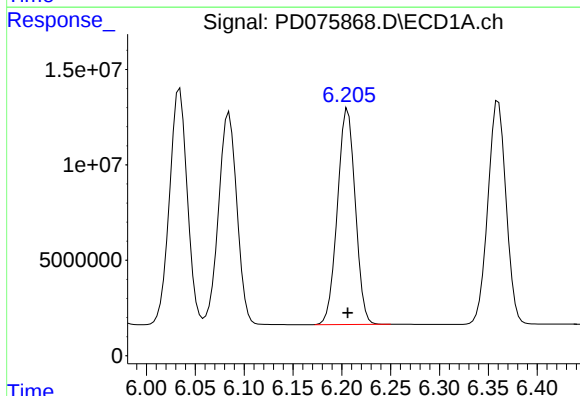
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 157270981  
Conc: 48.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



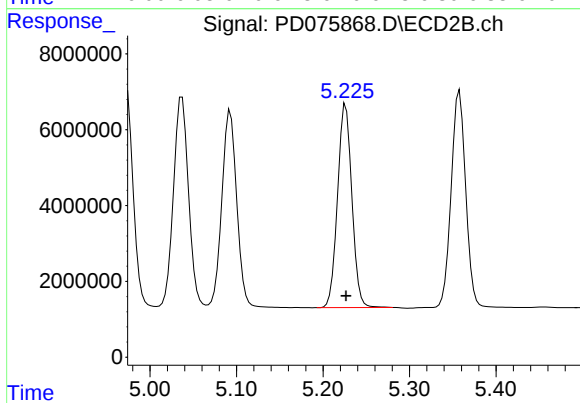
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 67776032  
Conc: 49.41 ng/ml



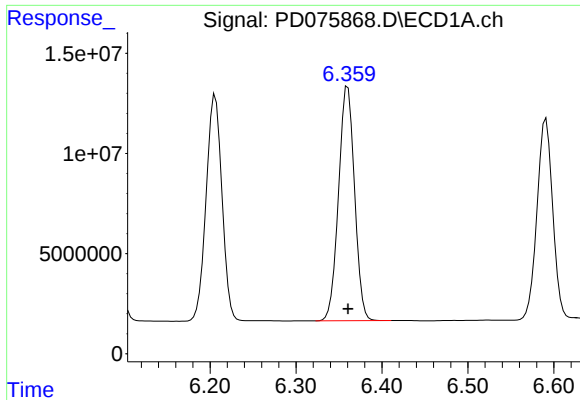
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 144072307  
Conc: 50.41 ng/ml



#12 4,4'-DDE

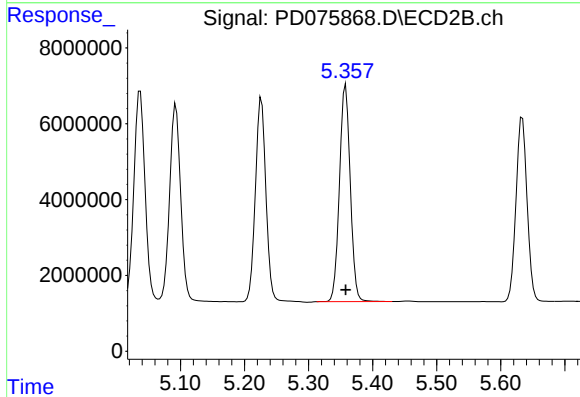
R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 61420433  
Conc: 55.03 ng/ml



#13 Dieldrin

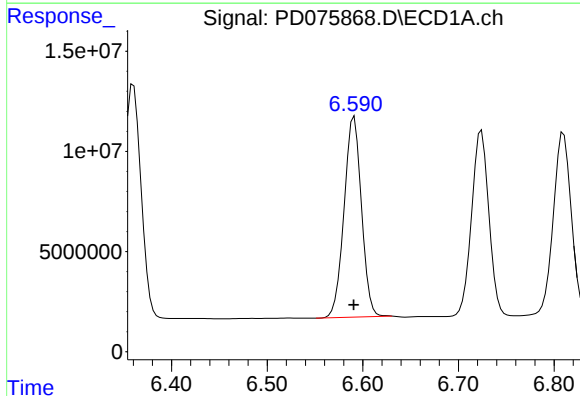
R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 151404747  
Conc: 48.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



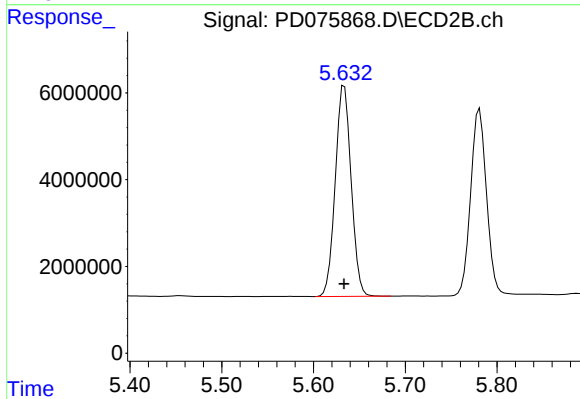
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 67072071  
Conc: 49.71 ng/ml



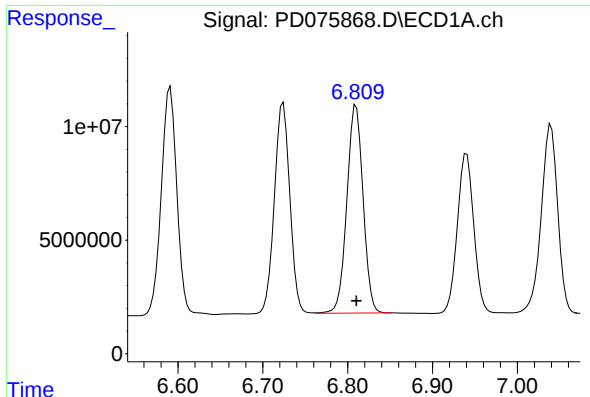
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 126782969  
Conc: 47.41 ng/ml



#14 Endrin

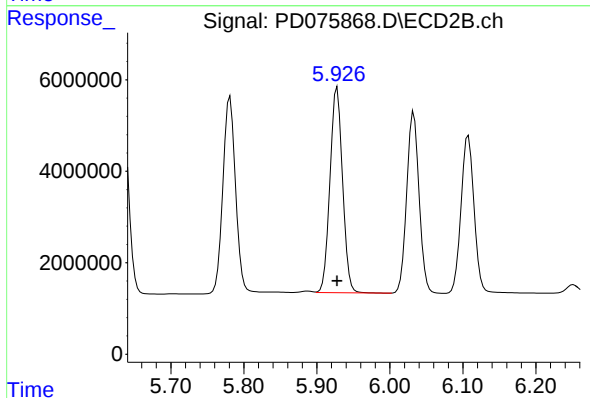
R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 58572723  
Conc: 48.13 ng/ml



#15 Endosulfan II

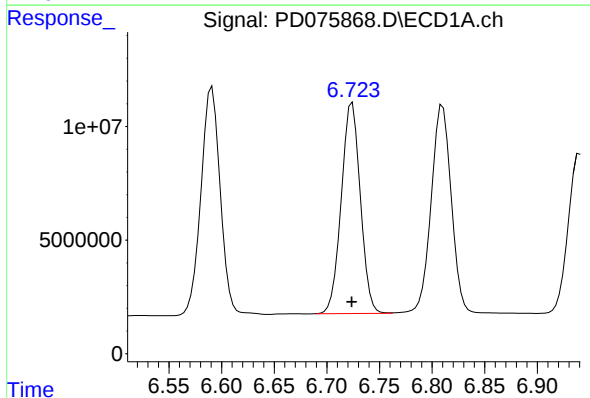
R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 121345084  
Conc: 46.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



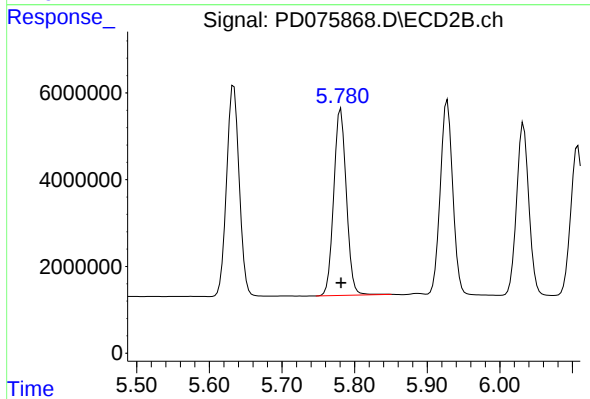
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 53714601  
Conc: 49.79 ng/ml



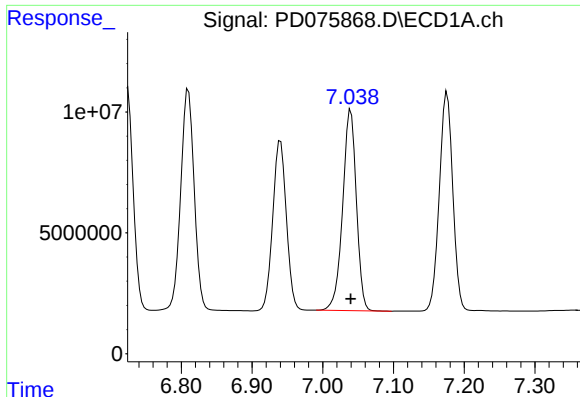
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 117276901  
Conc: 51.54 ng/ml



#16 4,4'-DDD

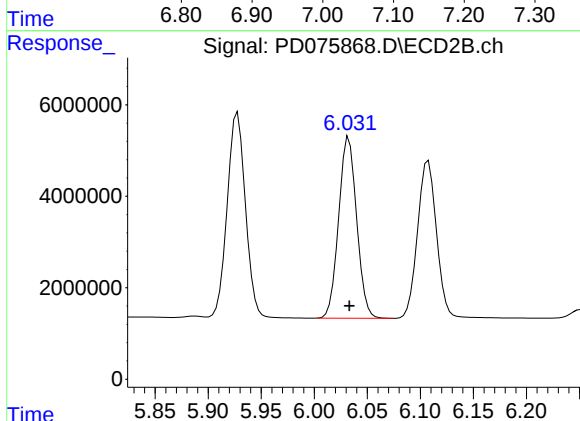
R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 52004572  
Conc: 59.01 ng/ml



#17 4,4'-DDT

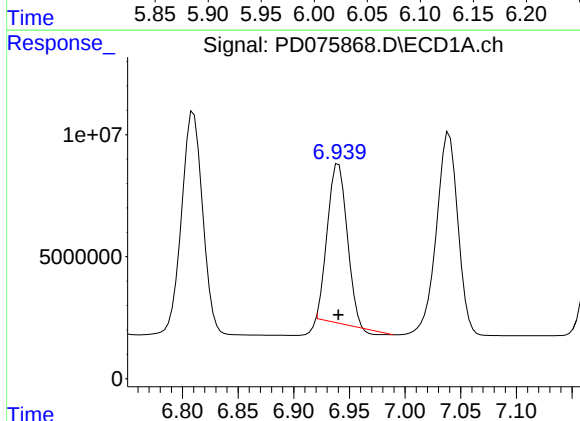
R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 111941290  
Conc: 49.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



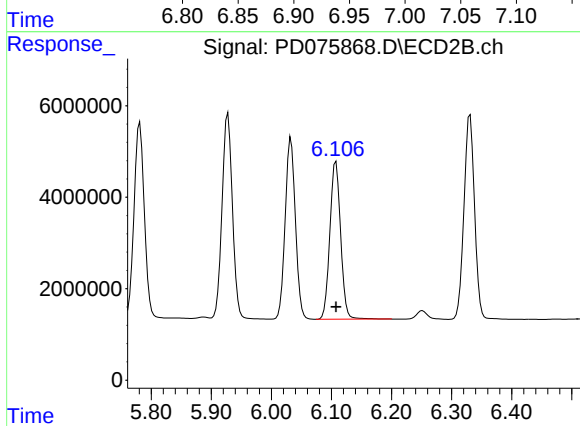
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 46758962  
Conc: 57.56 ng/ml



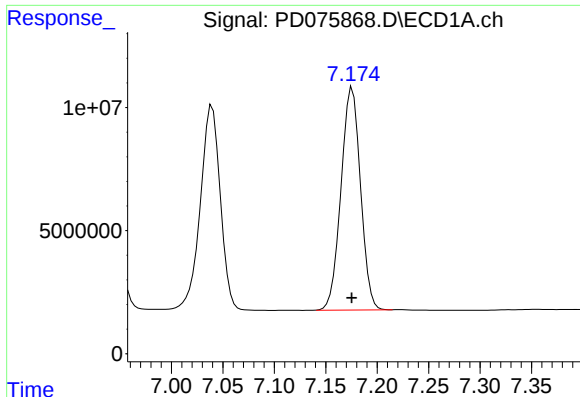
#18 Endrin aldehyde

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 77806781  
Conc: 38.78 ng/ml



#18 Endrin aldehyde

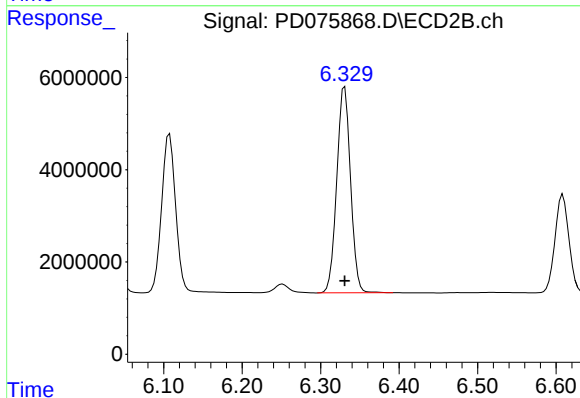
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 43007234  
Conc: 49.69 ng/ml



#19 Endosulfan Sulfate

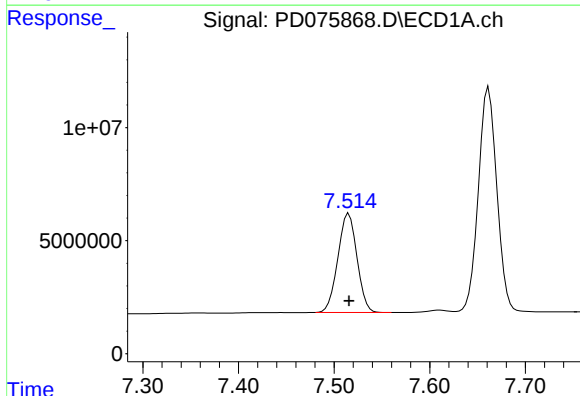
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 119168315  
Conc: 47.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



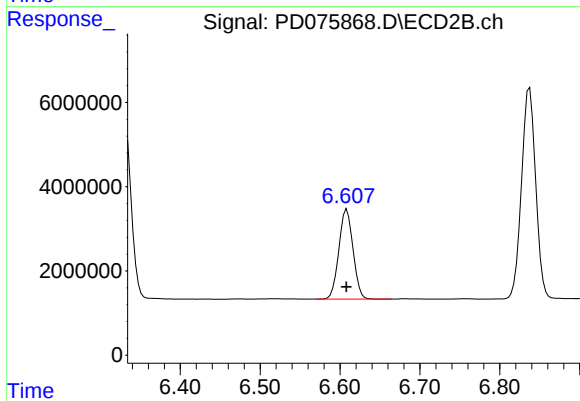
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 54606248  
Conc: 50.53 ng/ml



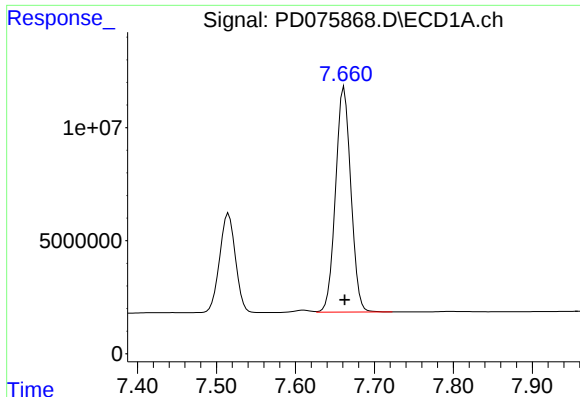
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 60844424  
Conc: 47.01 ng/ml



#20 Methoxychlor

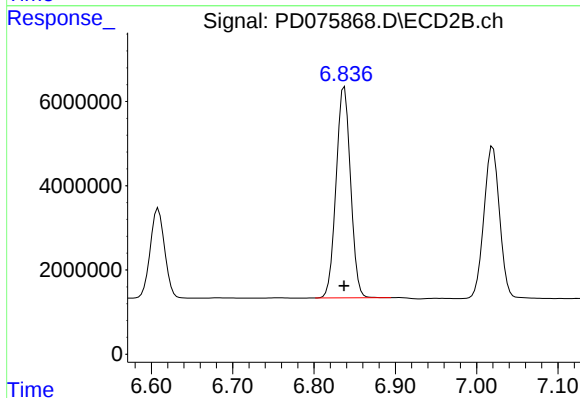
R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 26242795  
Conc: 56.70 ng/ml



#21 Endrin ketone

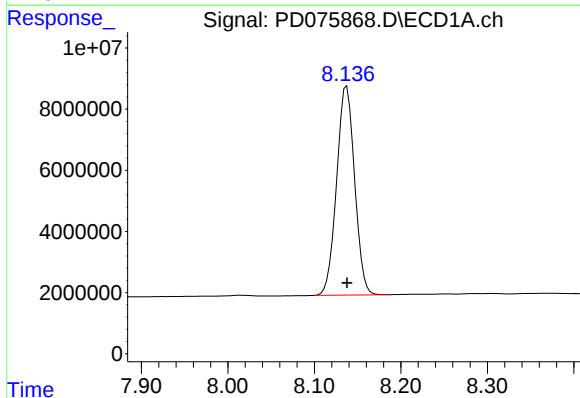
R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 134124058  
Conc: 48.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



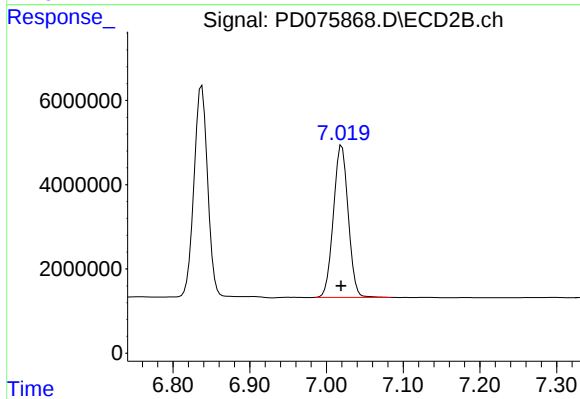
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 61947139  
Conc: 50.99 ng/ml



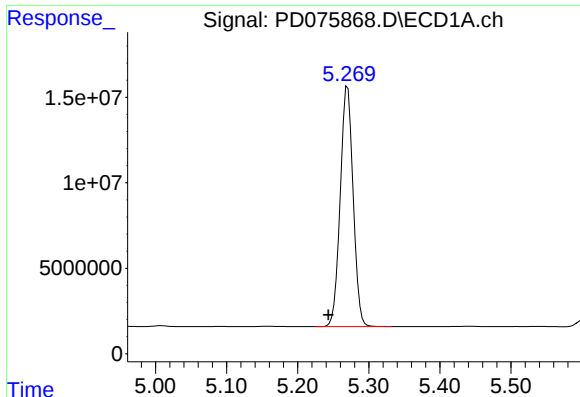
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: 0.000 min  
Response: 98510582  
Conc: 45.98 ng/ml



#22 Mirex

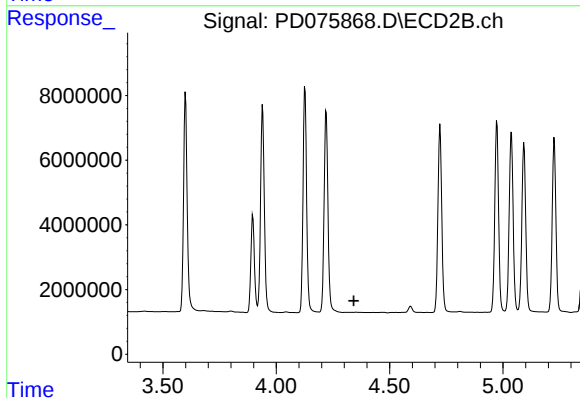
R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 48340972  
Conc: 46.12 ng/ml



#24 Chlordane-2

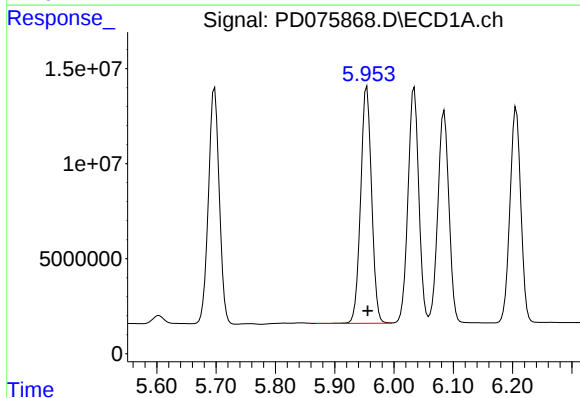
R.T.: 5.270 min  
Delta R.T.: 0.027 min  
Response: 176953880  
Conc: 1344.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



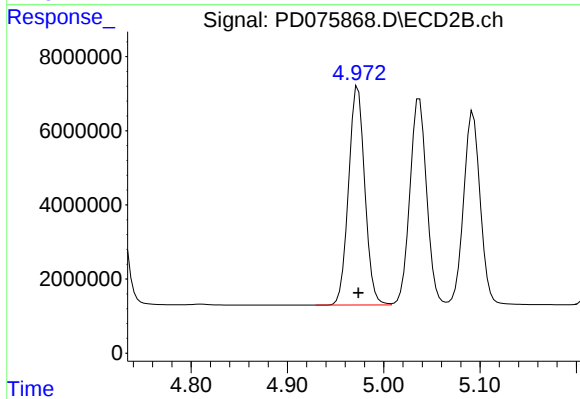
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.343 min  
Response: 0  
Conc: N.D.



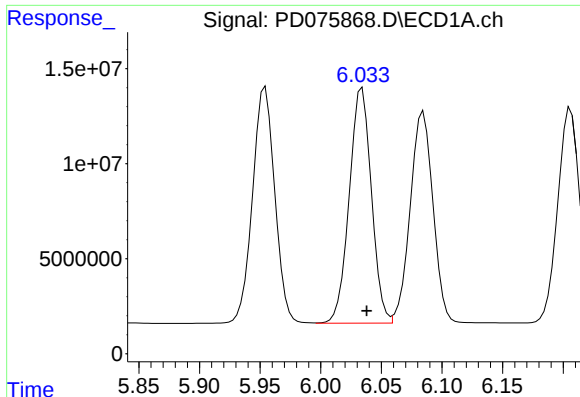
#25 Chlordane-3

R.T.: 5.954 min  
Delta R.T.: -0.001 min  
Response: 159199548  
Conc: 306.56 ng/ml



#25 Chlordane-3

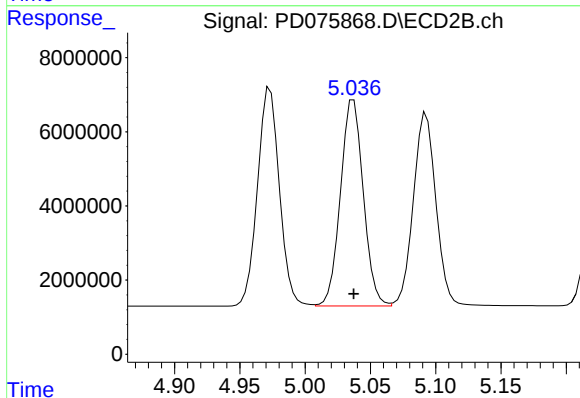
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 68794491  
Conc: 463.39 ng/ml



#26 Chlordane-4

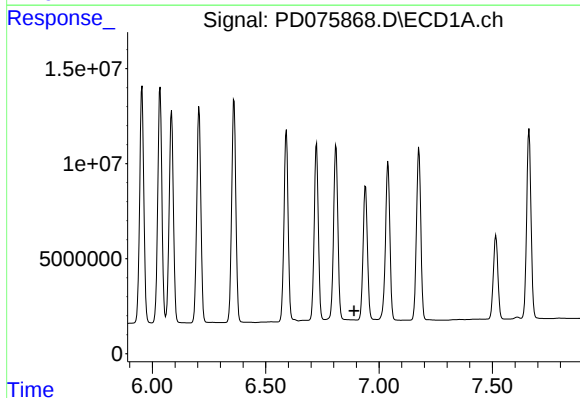
R.T.: 6.034 min  
Delta R.T.: -0.004 min  
Response: 157270981  
Conc: 249.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



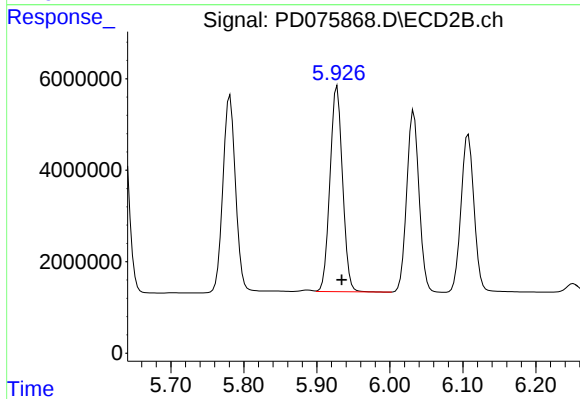
#26 Chlordane-4

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 67776032  
Conc: 461.82 ng/ml



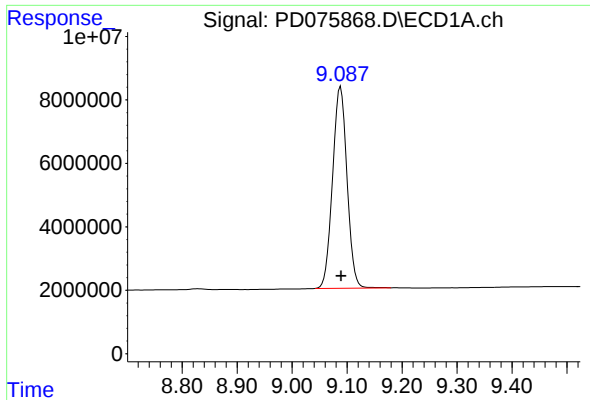
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.890 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

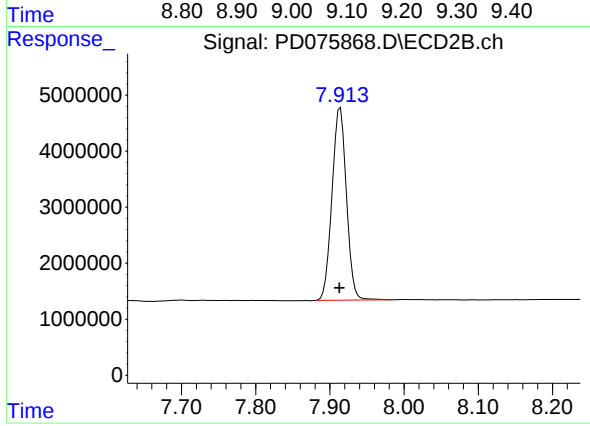
R.T.: 5.928 min  
Delta R.T.: -0.007 min  
Response: 53714601  
Conc: 1110.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 116019061  
Conc: 45.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.001 min  
Response: 46585675  
Conc: 47.64 ng/ml