

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121423\  
 Data File : PD080078.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2023 16:58  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 21:20:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 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... | 3.568  | 2.801 | 84183209 | 142.7E6  | 55.854   | 56.770     |
| 28)                         | SA Decachlor... | 9.111  | 7.943 | 100.5E6  | 138.4E6  | 49.653   | 49.106     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.025  | 3.303 | 142.2E6  | 224.2E6  | 56.611   | 58.645     |
| 3)                          | MA gamma-BHC... | 4.358  | 3.633 | 133.1E6  | 214.4E6  | 56.179   | 58.991     |
| 4)                          | MA Heptachlor   | 4.951  | 3.975 | 134.2E6  | 205.8E6  | 54.560   | 58.701     |
| 5)                          | MB Aldrin       | 5.294  | 4.256 | 130.3E6  | 209.8E6  | 54.856   | 58.918     |
| 6)                          | B beta-BHC      | 4.551  | 3.928 | 54101564 | 88199496 | 54.060   | 57.133     |
| 7)                          | B delta-BHC     | 4.801  | 4.159 | 136.9E6  | 221.1E6  | 55.914   | 58.727     |
| 8)                          | B Heptachlo...  | 5.720  | 4.757 | 124.1E6  | 185.9E6  | 56.350   | 56.699     |
| 9)                          | A Endosulfan I  | 6.107  | 5.127 | 110.9E6  | 167.3E6  | 53.955   | 55.418     |
| 10)                         | B gamma-Chl...  | 5.976  | 5.007 | 120.5E6  | 185.9E6  | 55.357   | 57.653     |
| 11)                         | B alpha-Chl...  | 6.056  | 5.072 | 117.0E6  | 183.2E6  | 54.254   | 57.012     |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.260 | 108.4E6  | 174.7E6  | 54.042   | 57.945     |
| 13)                         | MA Dieldrin     | 6.382  | 5.392 | 116.3E6  | 189.1E6  | 53.282   | 57.763     |
| 14)                         | MA Endrin       | 6.612  | 5.666 | 95643574 | 161.1E6  | 52.741   | 57.336     |
| 15)                         | B Endosulfa...  | 6.830  | 5.959 | 97574503 | 155.5E6  | 51.219   | 56.985     |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.813 | 88535912 | 148.6E6  | 52.849   | 57.723     |
| 17)                         | MA 4,4'-DDT     | 7.058  | 6.065 | 91903390 | 145.6E6  | 51.656   | 57.314     |
| 18)                         | B Endrin al...  | 6.960  | 6.139 | 75439305 | 118.1E6  | 52.659   | 57.534     |
| 19)                         | B Endosulfa...  | 7.194  | 6.361 | 96259172 | 150.8E6  | 50.766   | 56.255     |
| 20)                         | A Methoxychlor  | 7.532  | 6.640 | 48447250 | 78681845 | 49.016   | 53.806     |
| 21)                         | B Endrin ke...  | 7.680  | 6.867 | 103.7E6  | 175.1E6  | 50.097   | 56.033     |
| 22)                         | Mirex           | 8.158  | 7.051 | 78971701 | 131.5E6  | 48.276   | 54.331     |
| 24)                         | Chlordane-2     | 5.294f | 4.388 | 130.3E6  | 2868058  | 1704.221 | 25.092 #   |
| 25)                         | Chlordane-3     | 5.976  | 5.007 | 120.5E6  | 185.9E6  | 399.152  | 589.916 #  |
| 26)                         | Chlordane-4     | 6.056  | 5.072 | 117.0E6  | 183.2E6  | 323.166  | 622.760 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.959 | 0        | 155.5E6  | N.D.     | 1368.610 # |
| -----                       |                 |        |       |          |          |          |            |

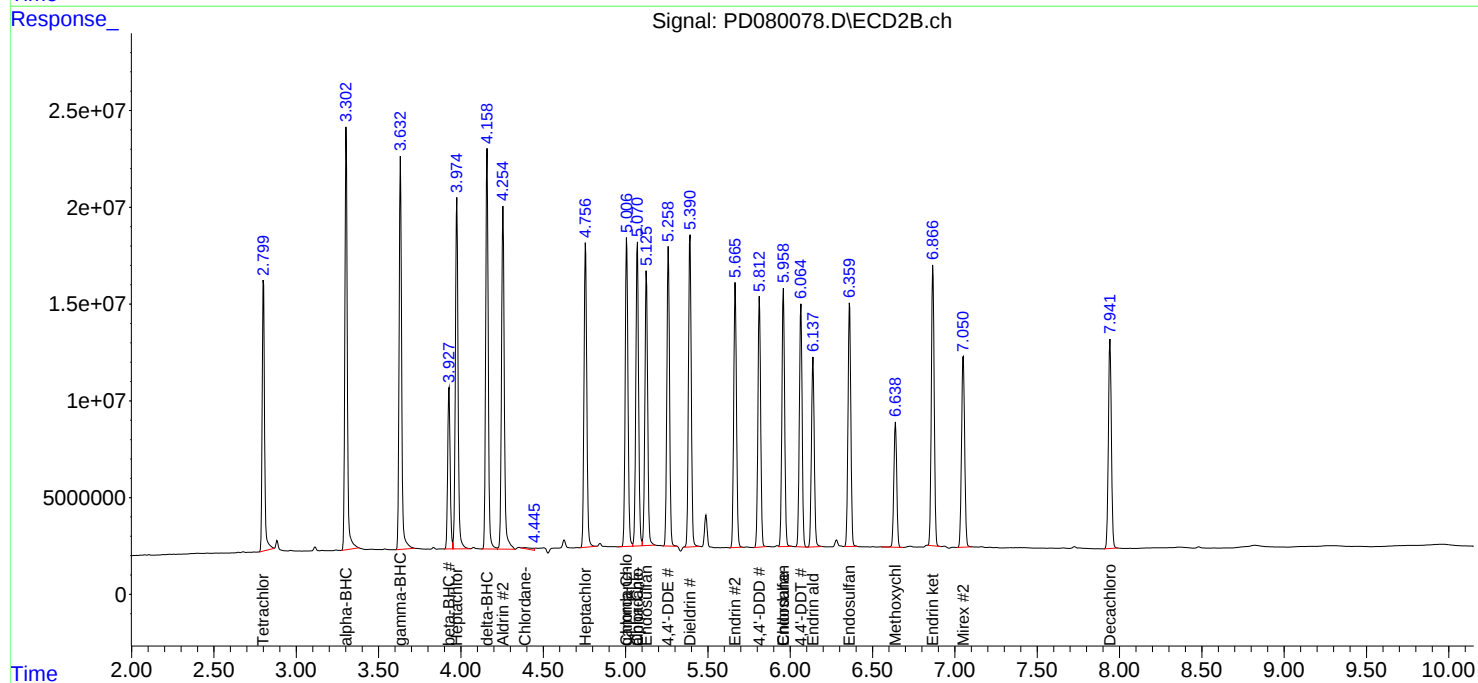
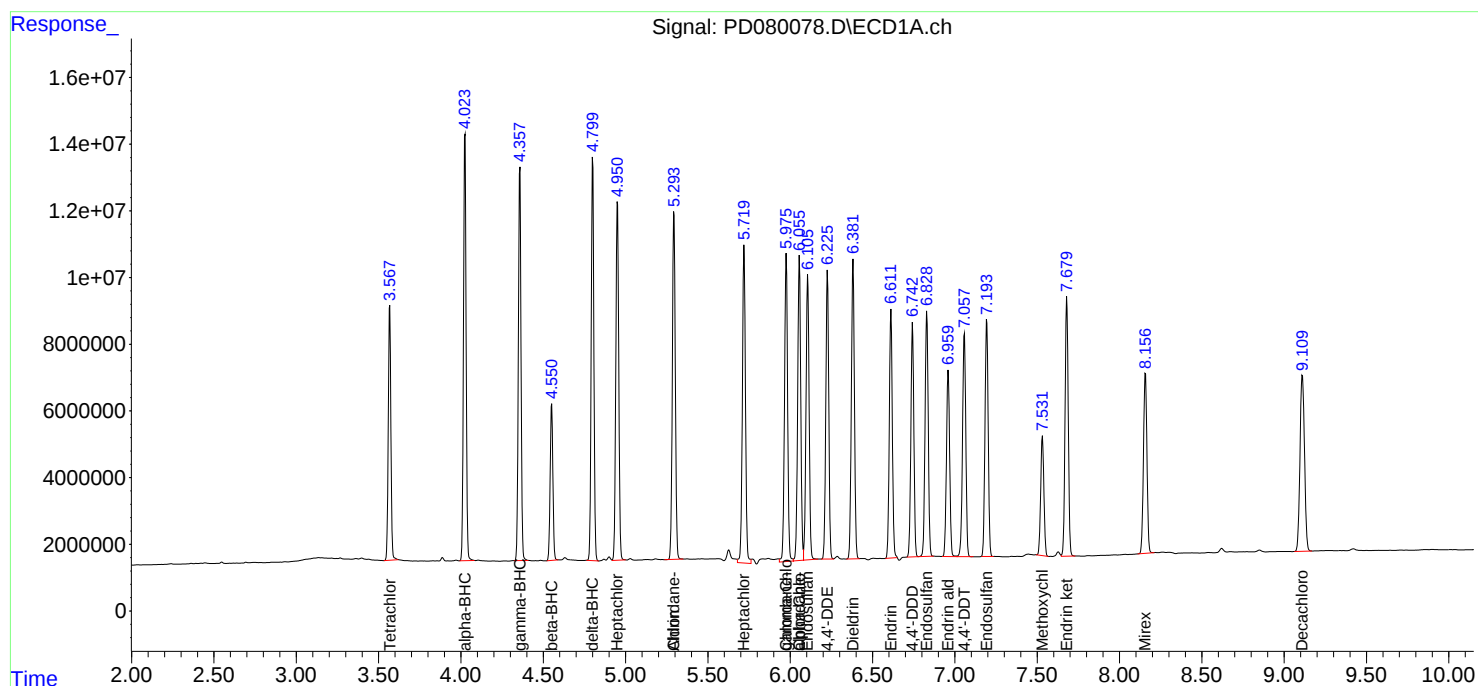
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

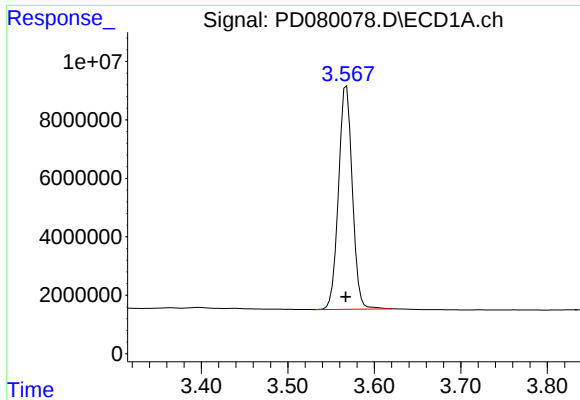
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121423\  
Data File : PD080078.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2023 16:58  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 21:20:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 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

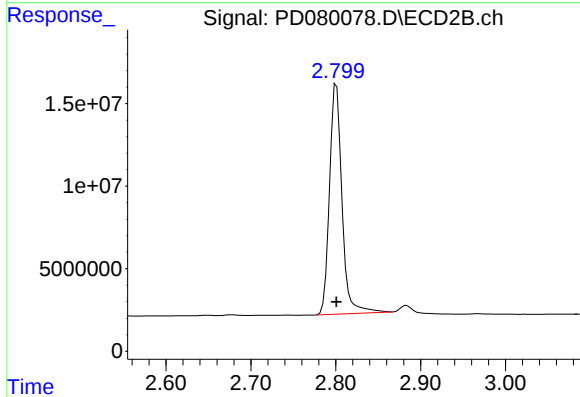




#1 Tetrachloro-m-xylene

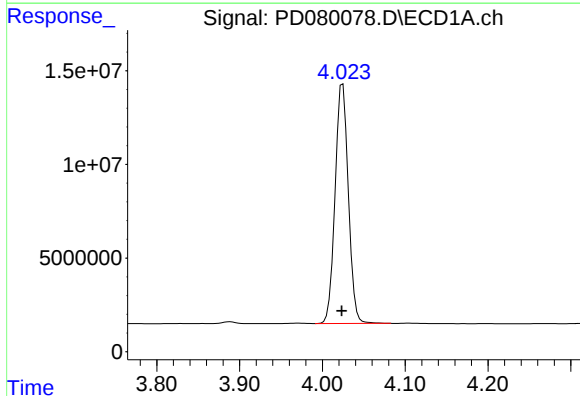
R.T.: 3.568 min  
Delta R.T.: 0.000 min  
Response: 84183209  
Conc: 55.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



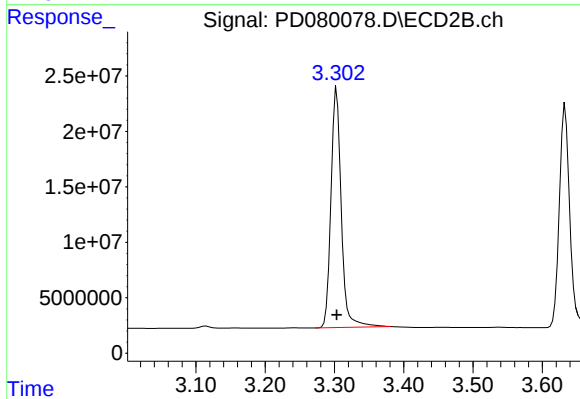
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.000 min  
Response: 142708054  
Conc: 56.77 ng/ml



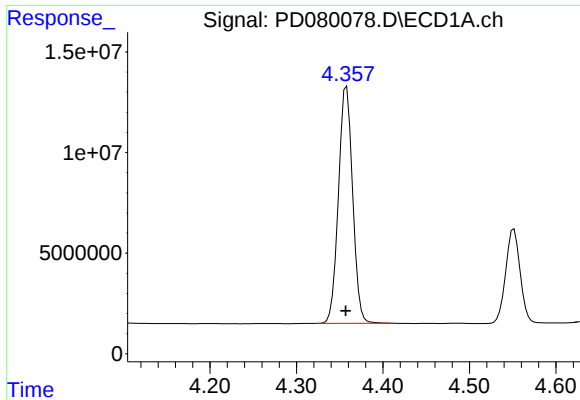
#2 alpha-BHC

R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 142200551  
Conc: 56.61 ng/ml



#2 alpha-BHC

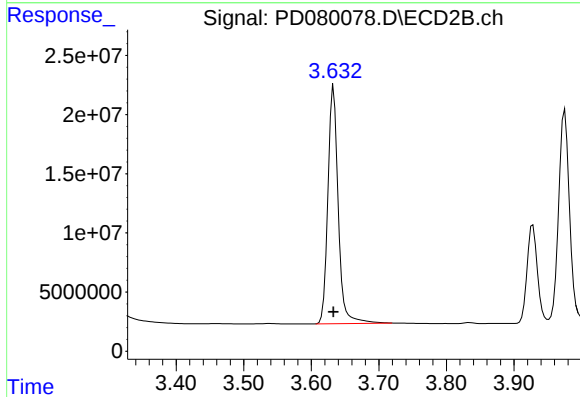
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 224242187  
Conc: 58.65 ng/ml



#3 gamma-BHC (Lindane)

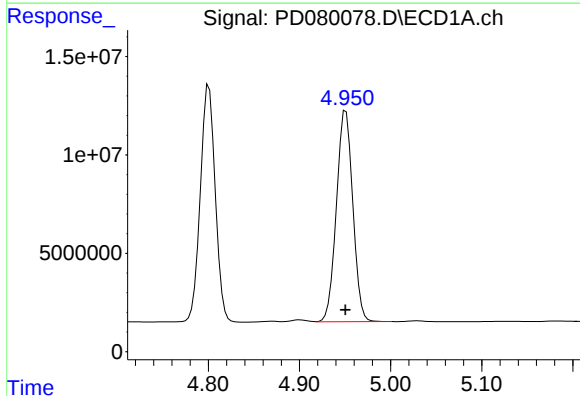
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 133099013  
Conc: 56.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



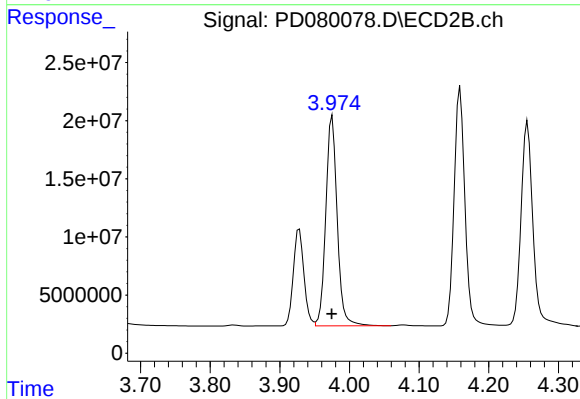
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 214376259  
Conc: 58.99 ng/ml



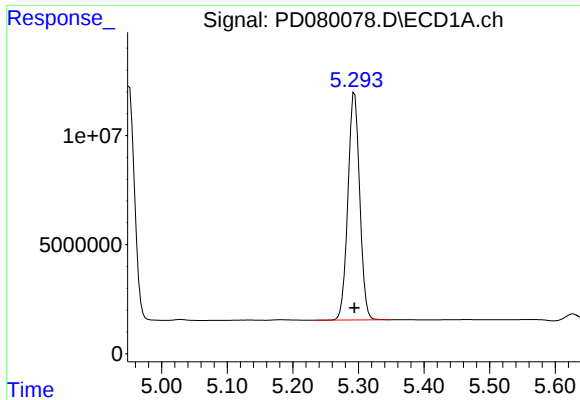
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 134180635  
Conc: 54.56 ng/ml



#4 Heptachlor

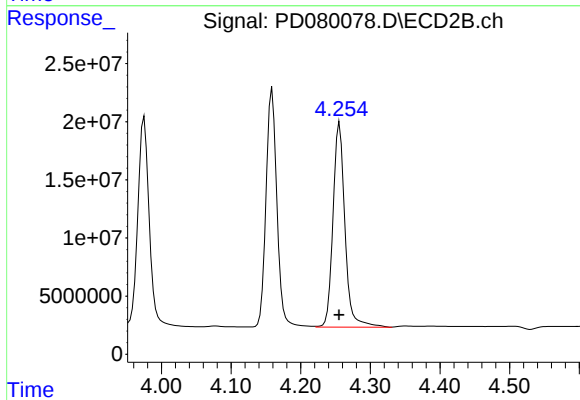
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 205829779  
Conc: 58.70 ng/ml



#5 Aldrin

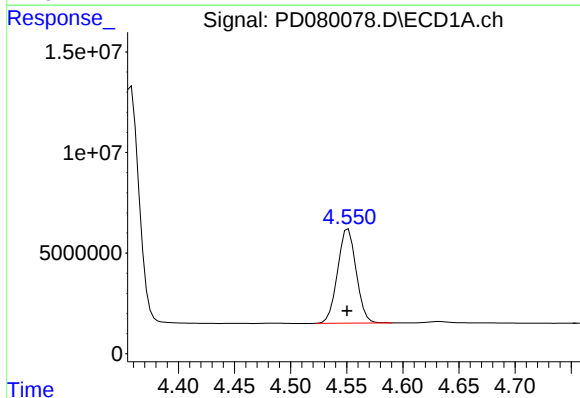
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 130266130  
Conc: 54.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



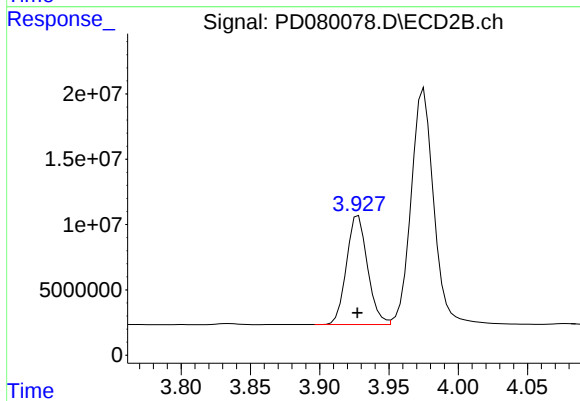
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 209754731  
Conc: 58.92 ng/ml



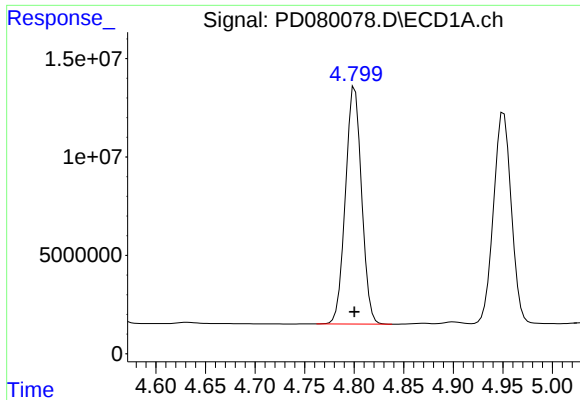
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.001 min  
Response: 54101564  
Conc: 54.06 ng/ml



#6 beta-BHC

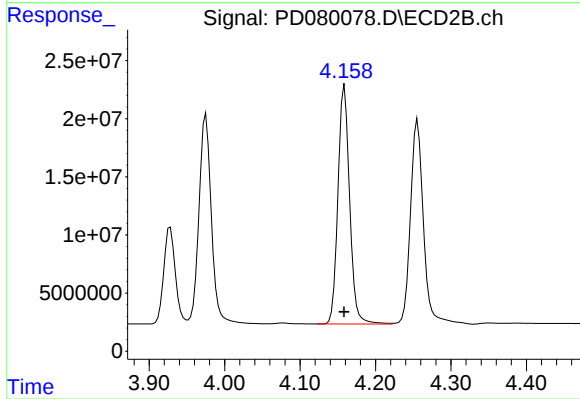
R.T.: 3.928 min  
Delta R.T.: 0.000 min  
Response: 88199496  
Conc: 57.13 ng/ml



#7 delta-BHC

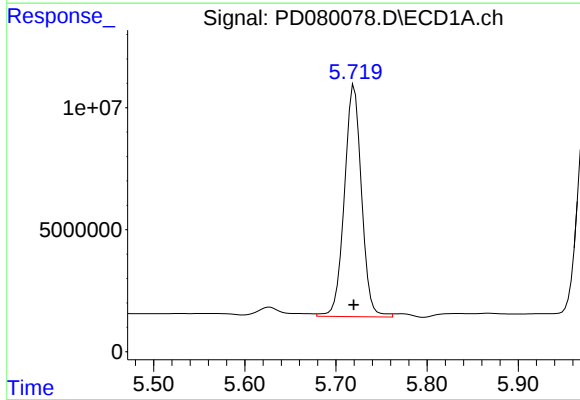
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 136929292  
Conc: 55.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



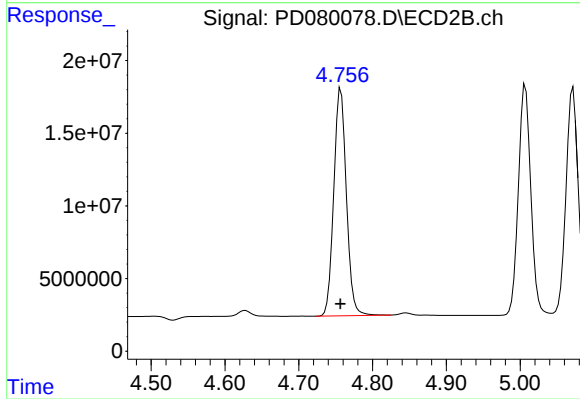
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 221142958  
Conc: 58.73 ng/ml



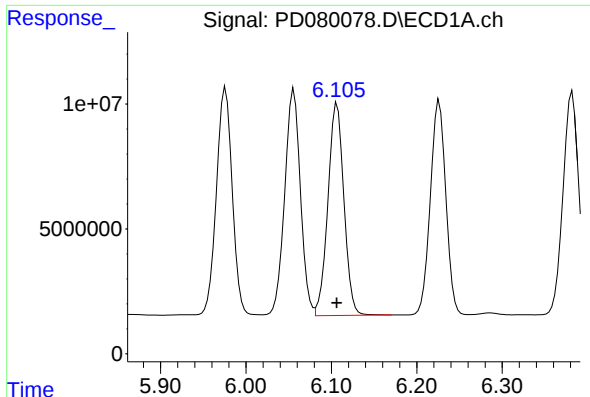
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 124130185  
Conc: 56.35 ng/ml



#8 Heptachlor epoxide

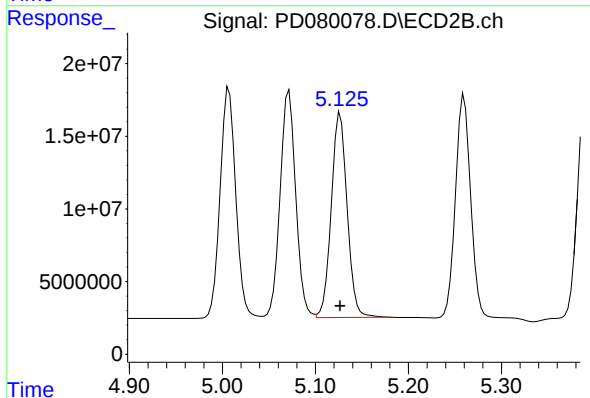
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 185937280  
Conc: 56.70 ng/ml



#9 Endosulfan I

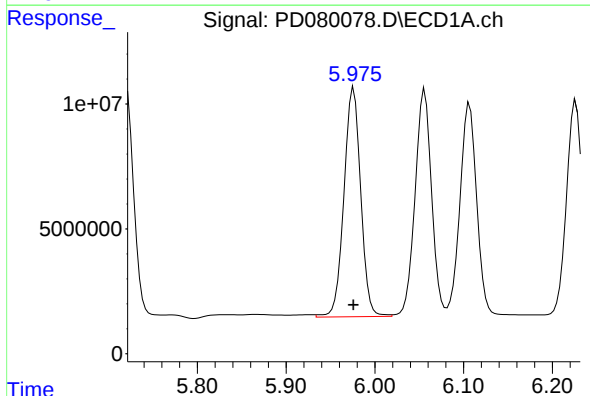
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 110947472  
Conc: 53.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



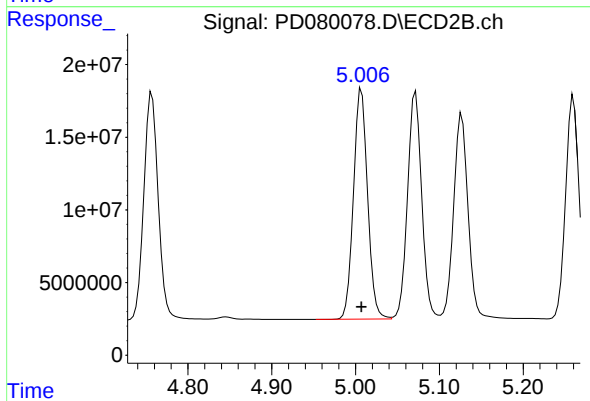
#9 Endosulfan I

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 167320728  
Conc: 55.42 ng/ml



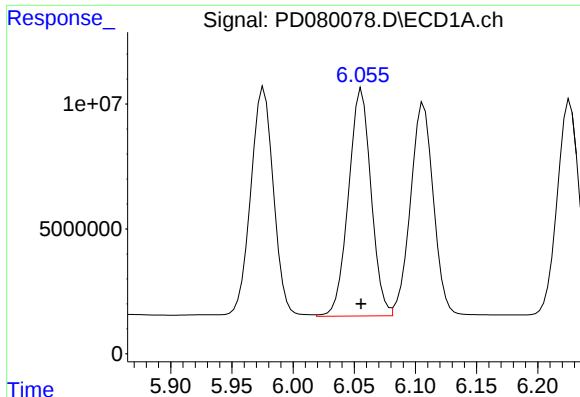
#10 gamma-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 120509277  
Conc: 55.36 ng/ml



#10 gamma-Chlordane

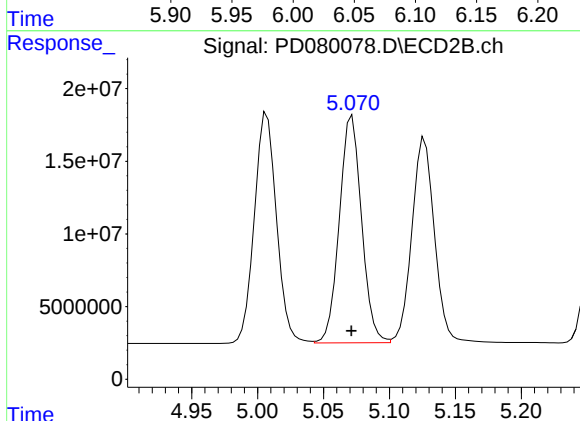
R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 185850522  
Conc: 57.65 ng/ml



#11 alpha-Chlordane

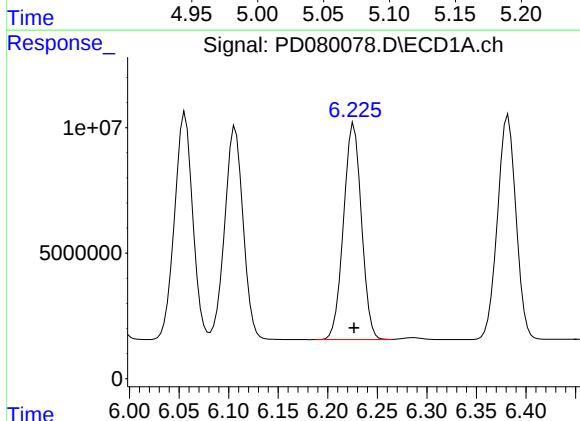
R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 117034411  
Conc: 54.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



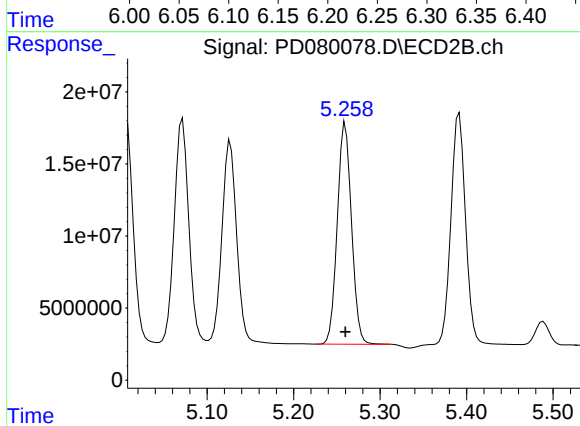
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 183228131  
Conc: 57.01 ng/ml



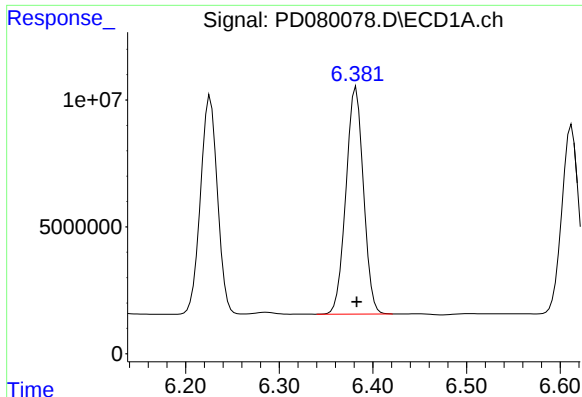
#12 4,4'-DDE

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 108359418  
Conc: 54.04 ng/ml



#12 4,4'-DDE

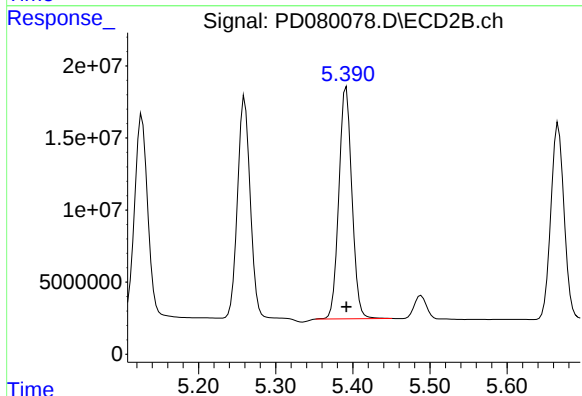
R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: 174661019  
Conc: 57.94 ng/ml



#13 Dieldrin

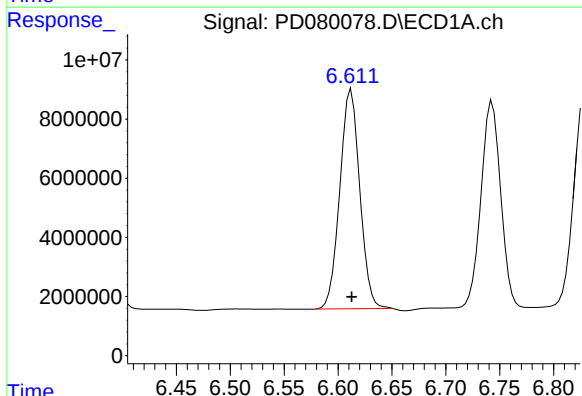
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 116254132  
Conc: 53.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



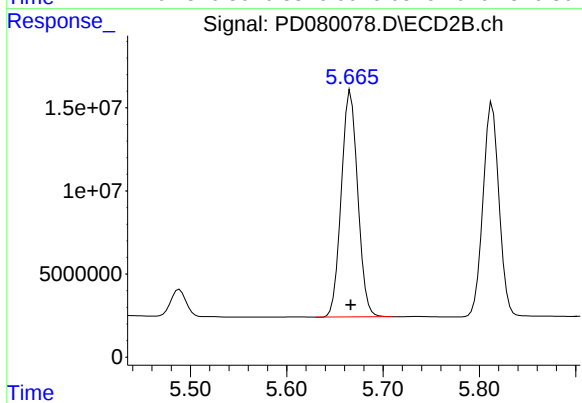
#13 Dieldrin

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 189140258  
Conc: 57.76 ng/ml



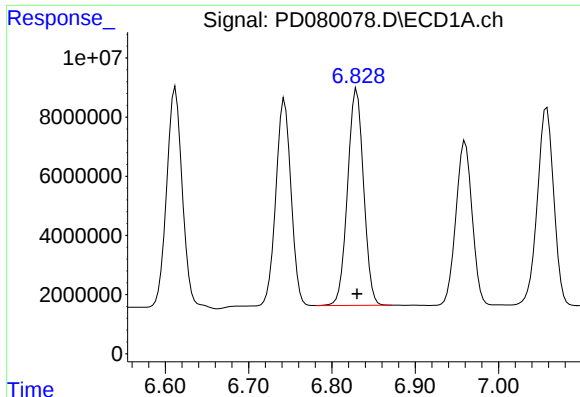
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 95643574  
Conc: 52.74 ng/ml



#14 Endrin

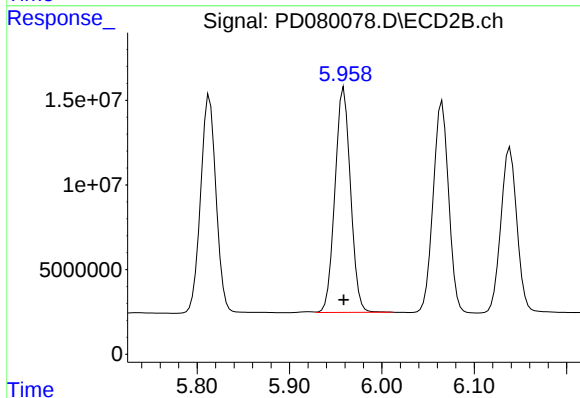
R.T.: 5.666 min  
Delta R.T.: 0.000 min  
Response: 161117043  
Conc: 57.34 ng/ml



#15 Endosulfan II

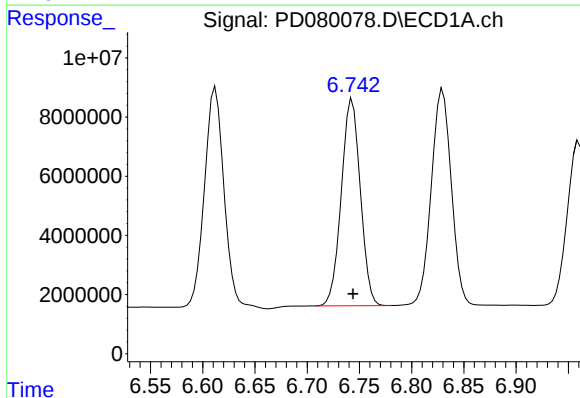
R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 97574503  
Conc: 51.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



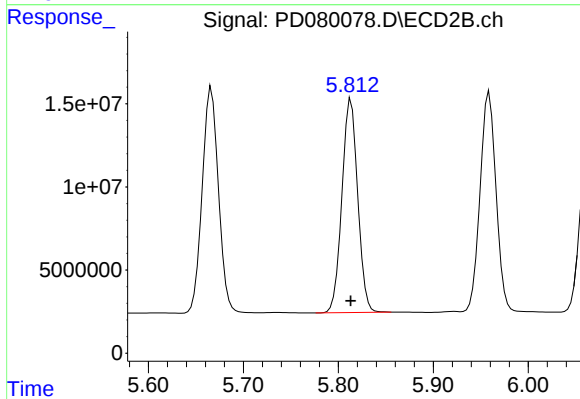
#15 Endosulfan II

R.T.: 5.959 min  
Delta R.T.: 0.000 min  
Response: 155485825  
Conc: 56.99 ng/ml



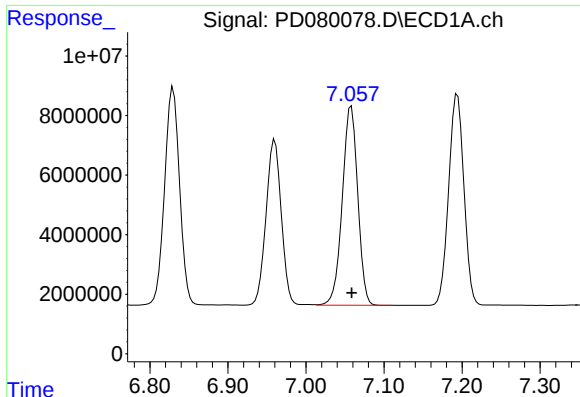
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 88535912  
Conc: 52.85 ng/ml



#16 4,4'-DDD

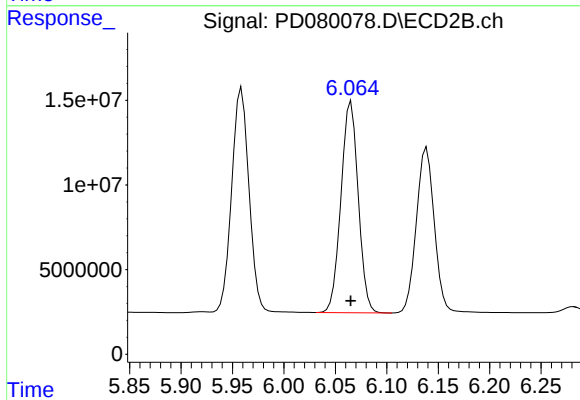
R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 148639959  
Conc: 57.72 ng/ml



#17 4,4'-DDT

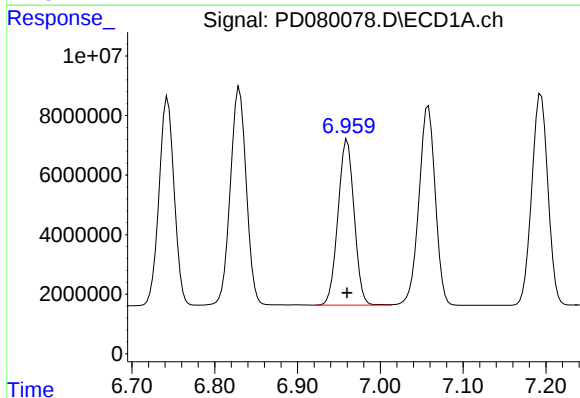
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 91903390  
Conc: 51.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



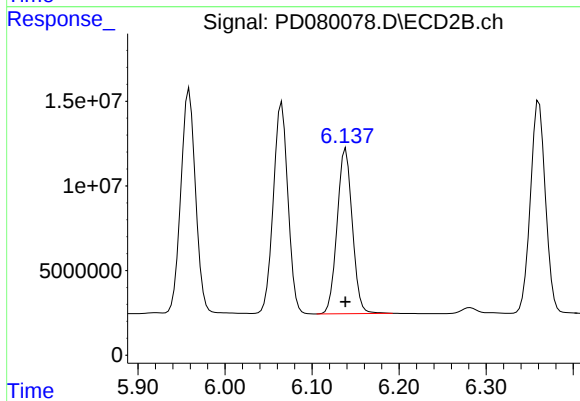
#17 4,4'-DDT

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 145611814  
Conc: 57.31 ng/ml



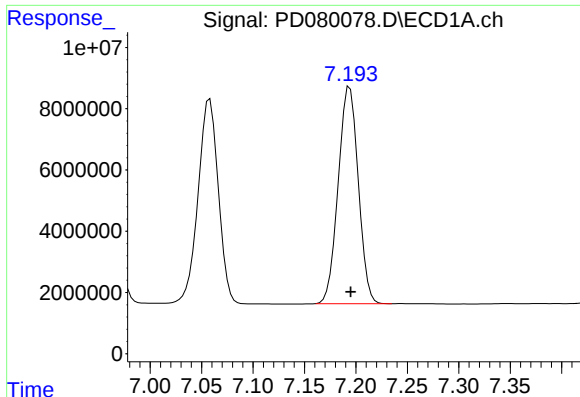
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 75439305  
Conc: 52.66 ng/ml



#18 Endrin aldehyde

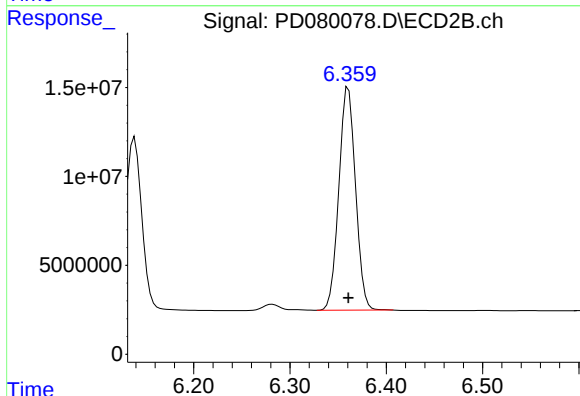
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 118110292  
Conc: 57.53 ng/ml



#19 Endosulfan Sulfate

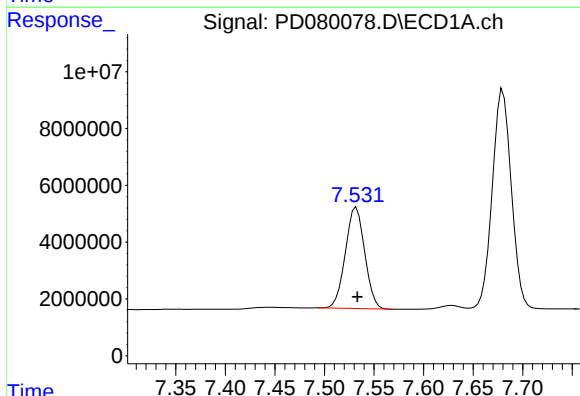
R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 96259172  
Conc: 50.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



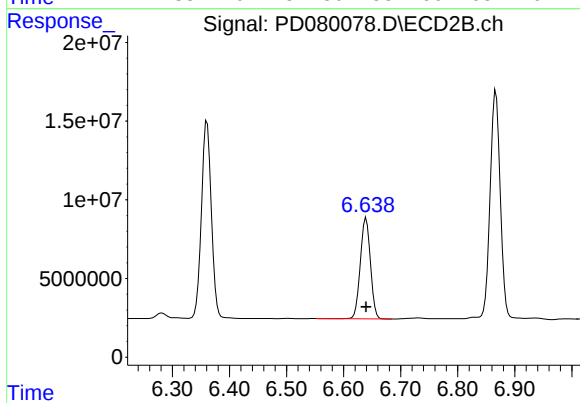
#19 Endosulfan Sulfate

R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 150818482  
Conc: 56.26 ng/ml



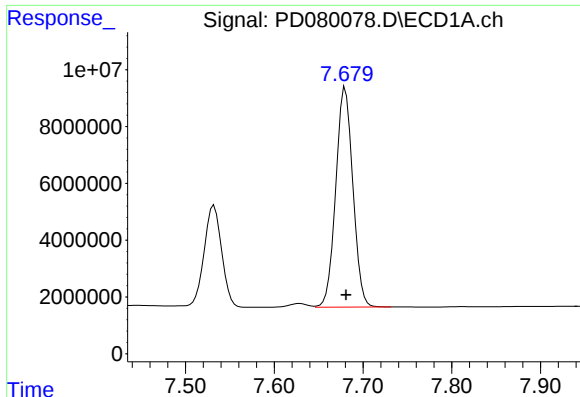
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 48447250  
Conc: 49.02 ng/ml



#20 Methoxychlor

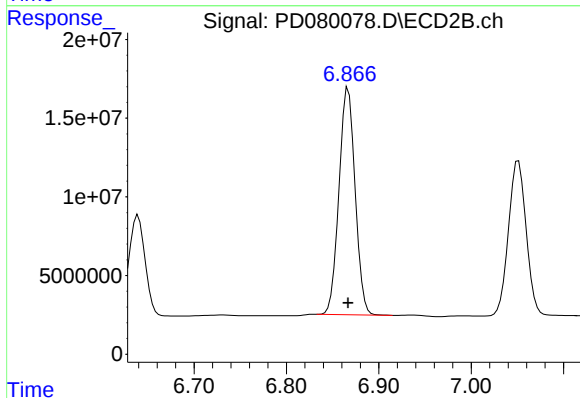
R.T.: 6.640 min  
Delta R.T.: 0.000 min  
Response: 78681845  
Conc: 53.81 ng/ml



#21 Endrin ketone

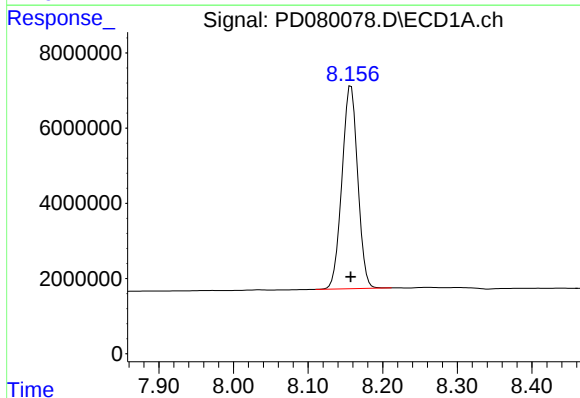
R.T.: 7.680 min  
Delta R.T.: -0.001 min  
Response: 103725352  
Conc: 50.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



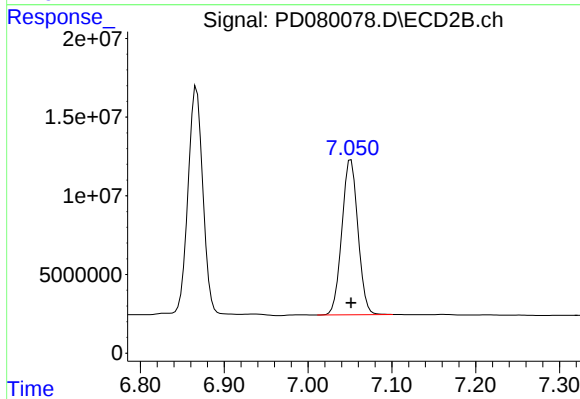
#21 Endrin ketone

R.T.: 6.867 min  
Delta R.T.: 0.000 min  
Response: 175119218  
Conc: 56.03 ng/ml



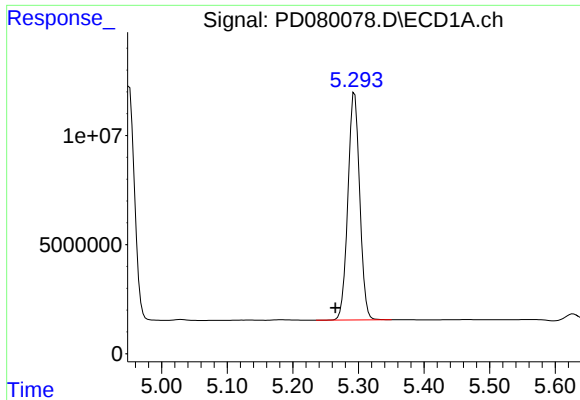
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.000 min  
Response: 78971701  
Conc: 48.28 ng/ml



#22 Mirex

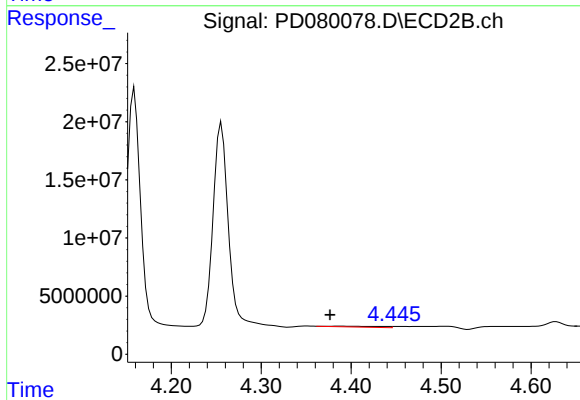
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 131491091  
Conc: 54.33 ng/ml



#24 Chlordane-2

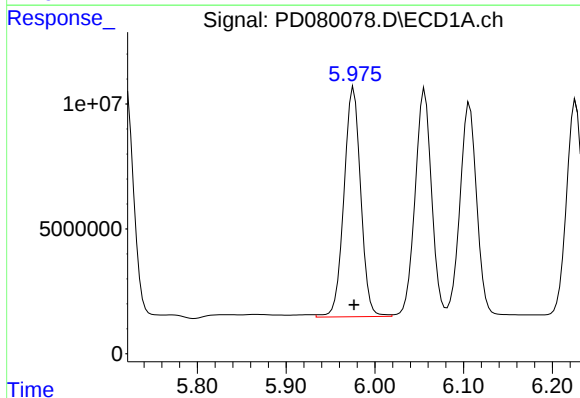
R.T.: 5.294 min  
Delta R.T.: 0.030 min  
Response: 130266130  
Conc: 1704.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



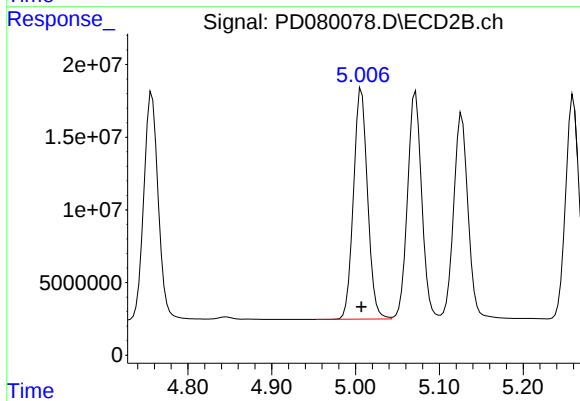
#24 Chlordane-2

R.T.: 4.388 min  
Delta R.T.: 0.011 min  
Response: 2868058  
Conc: 25.09 ng/ml



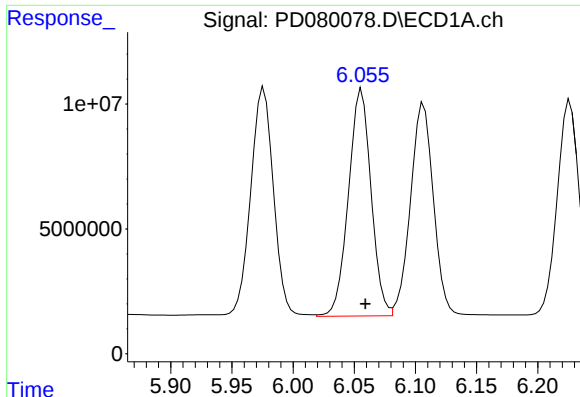
#25 Chlordane-3

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 120509277  
Conc: 399.15 ng/ml



#25 Chlordane-3

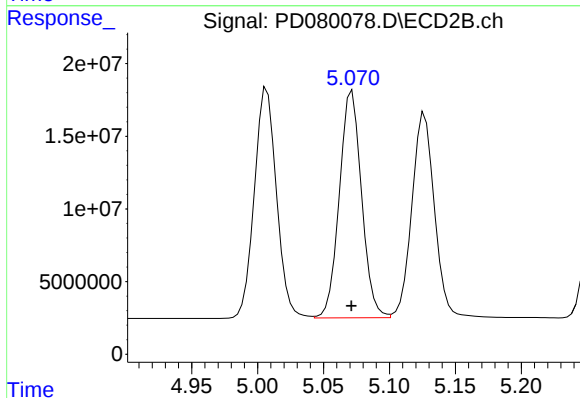
R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 185850522  
Conc: 589.92 ng/ml



#26 Chlordane-4

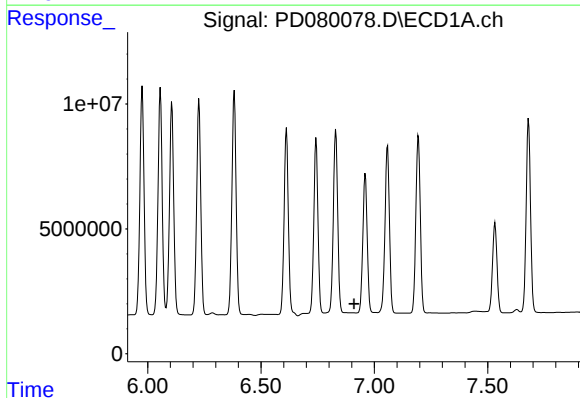
R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 117034411  
Conc: 323.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



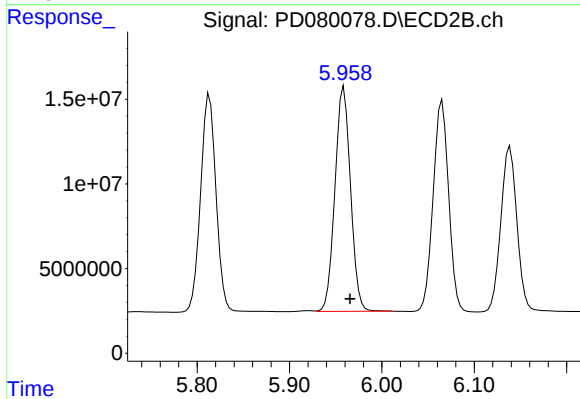
#26 Chlordane-4

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 183228131  
Conc: 622.76 ng/ml



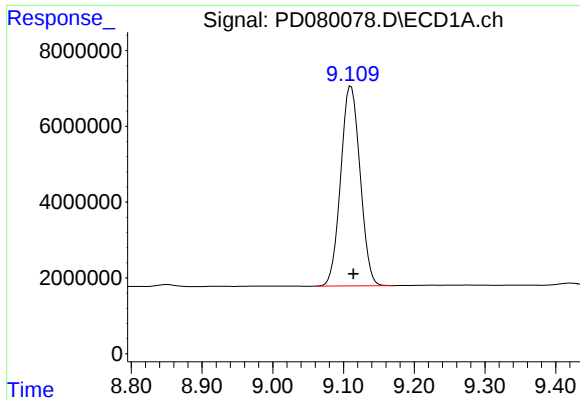
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

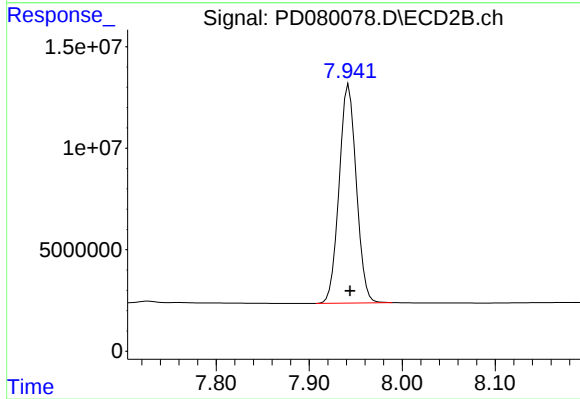
R.T.: 5.959 min  
Delta R.T.: -0.007 min  
Response: 155485825  
Conc: 1368.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: -0.003 min  
Response: 100507750  
Conc: 49.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: -0.001 min  
Response: 138424582  
Conc: 49.11 ng/ml