

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
 Data File : PD067646.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2022 17:04  
 Operator : AR\AJ  
 Sample : N1071-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 06:15:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 2021  
 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.430  | 3.960  | 37591712 | 144.7E6  | 20.686   | 21.932     |
| 28)                         | SA Decachlor... | 8.151  | 9.011  | 17001078 | 90373990 | 19.139   | 19.016     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.866  | 4.353  | 153.2E6  | 473.7E6  | 53.125   | 51.060     |
| 3)                          | MA gamma-BHC... | 4.148  | 4.638  | 138.4E6  | 434.3E6  | 52.037   | 51.535     |
| 4)                          | MA Heptachlor   | 4.440  | 5.137  | 139.3E6  | 389.2E6  | 51.212   | 50.729     |
| 5)                          | MB Aldrin       | 4.685  | 5.441  | 146.6E6  | 378.6E6  | 52.968   | 51.056     |
| 6)                          | B beta-BHC      | 4.397  | 4.817  | 55496390 | 188.0E6  | 50.497   | 48.207     |
| 7)                          | B delta-BHC     | 4.598  | 5.031  | 138.8E6  | 428.7E6  | 53.809   | 57.208     |
| 8)                          | B Heptachlo...  | 5.125  | 5.830  | 130.2E6  | 331.8E6  | 52.834   | 62.165     |
| 9)                          | A Endosulfan I  | 5.461  | 6.187  | 117.7E6  | 311.3E6  | 52.894   | 51.421     |
| 10)                         | B gamma-Chl...  | 5.349  | 6.064  | 130.5E6  | 322.5E6  | 52.805   | 49.711     |
| 11)                         | B alpha-Chl...  | 5.407  | 6.135  | 127.5E6  | 329.8E6  | 52.721   | 50.880     |
| 12)                         | B 4,4'-DDE      | 5.570  | 6.296  | 118.3E6  | 324.5E6  | 53.421   | 52.677     |
| 13)                         | MA Dieldrin     | 5.703  | 6.444  | 128.3E6  | 342.3E6  | 53.153   | 51.525     |
| 14)                         | MA Endrin       | 5.960  | 6.663  | 110.6E6  | 289.7E6  | 52.666   | 52.256     |
| 15)                         | B Endosulfa...  | 6.233  | 6.877  | 100.0E6  | 311.7E6  | 49.886   | 52.441     |
| 16)                         | A 4,4'-DDD      | 6.086  | 6.790  | 95668910 | 295.1E6  | 55.686   | 58.942     |
| 17)                         | MA 4,4'-DDT     | 6.324  | 7.087  | 79633851 | 262.0E6  | 48.735   | 48.965     |
| 18)                         | B Endrin al...  | 6.402  | 7.002  | 73468002 | 230.0E6  | 48.347   | 50.983     |
| 19)                         | B Endosulfa...  | 6.613  | 7.226  | 84007975 | 277.7E6  | 52.035   | 50.806     |
| 20)                         | A Methoxychlor  | 6.870  | 7.549  | 42121629 | 144.6E6  | 49.620   | 49.841     |
| 21)                         | B Endrin ke...  | 7.105  | 7.698  | 87373509 | 314.2E6  | 51.053   | 50.072     |
| 22)                         | Mirex           | 7.284  | 8.143  | 63029935 | 229.2E6  | 52.695   | 52.788     |
| 23)                         | Chlordane-1     | 4.319f | 0.000  | 891153   | 0        | 11.285   | N.D. #     |
| 24)                         | Chlordane-2     | 4.805  | 5.441f | 189121   | 378.6E6  | 2.093    | 1379.711 # |
| 25)                         | Chlordane-3     | 5.349  | 6.064  | 130.5E6  | 322.5E6  | 489.619  | 334.804 #  |
| 26)                         | Chlordane-4     | 5.407  | 6.135  | 127.5E6  | 329.8E6  | 579.281  | 288.892 #  |
| 27)                         | Chlordane-5     | 6.233  | 0.000  | 100.0E6  | 0        | 1155.581 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

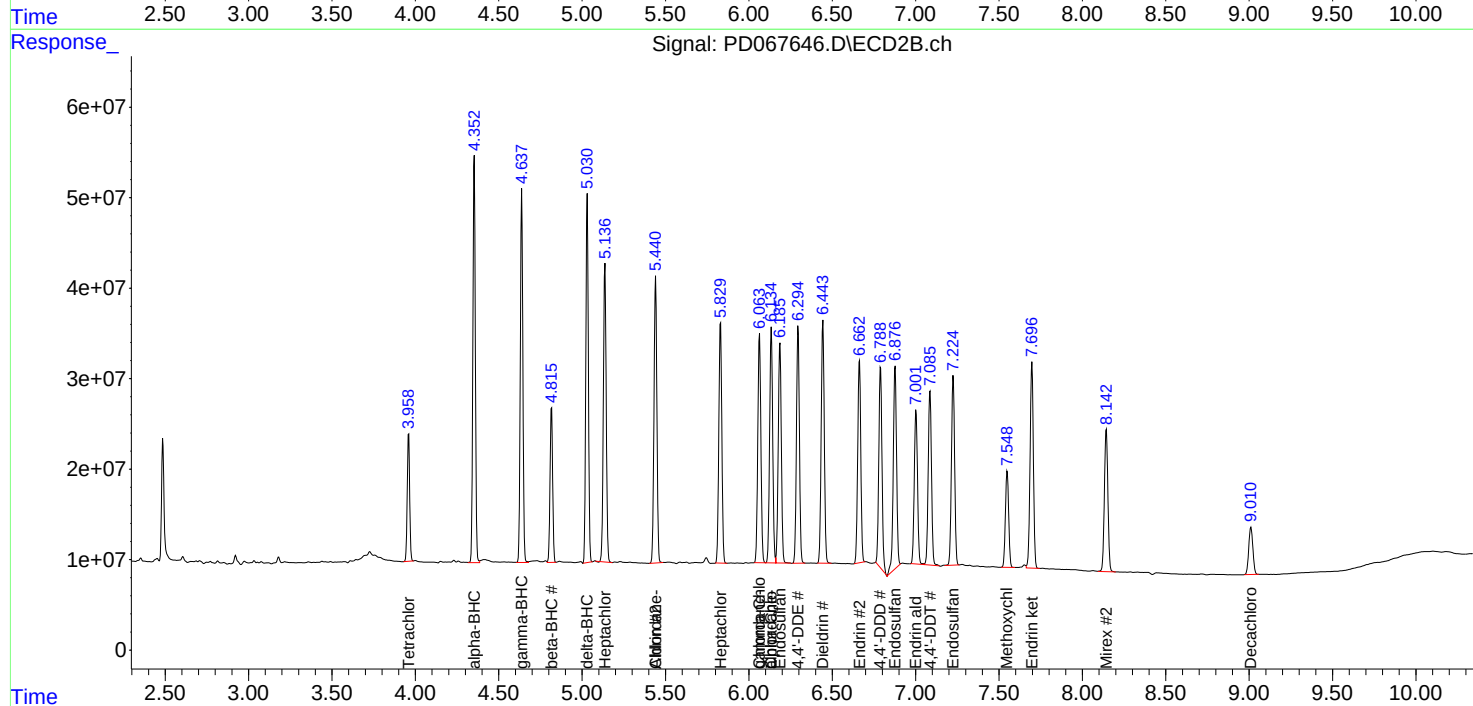
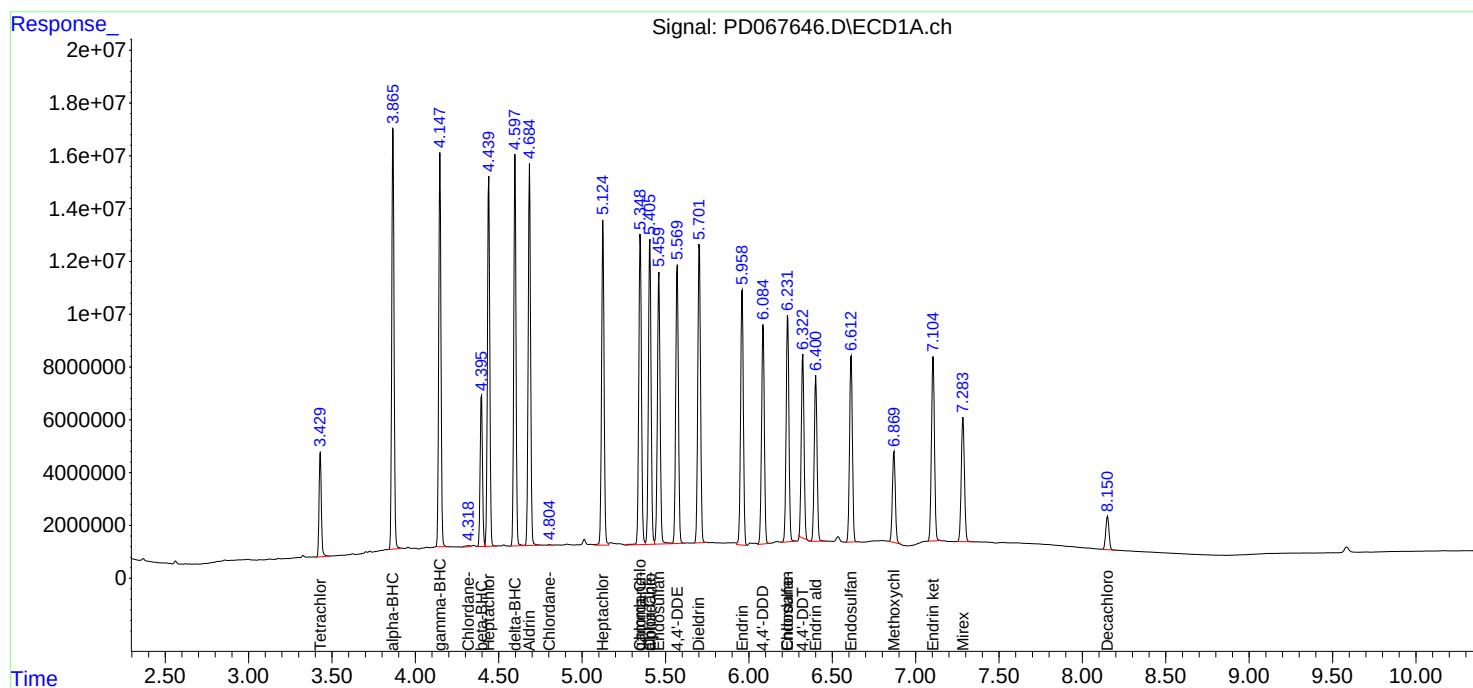
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

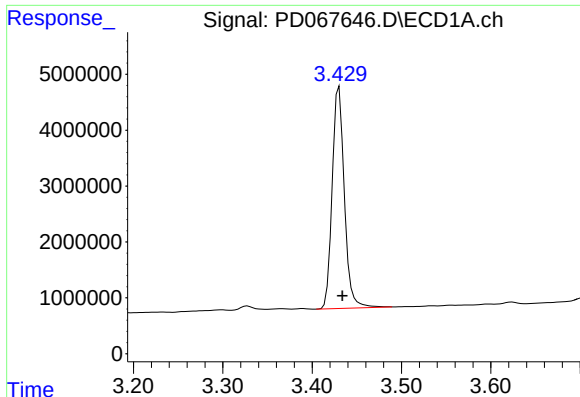
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
Data File : PD067646.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2022 17:04  
Operator : AR\AJ  
Sample : N1071-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 06:15:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 28 03:00:50 2021  
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 x0.5µm

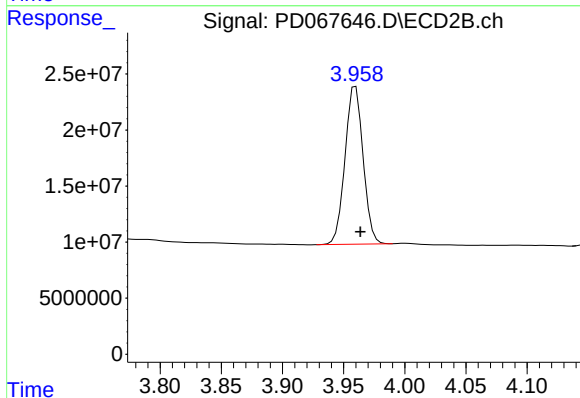




#1 Tetrachloro-m-xylene

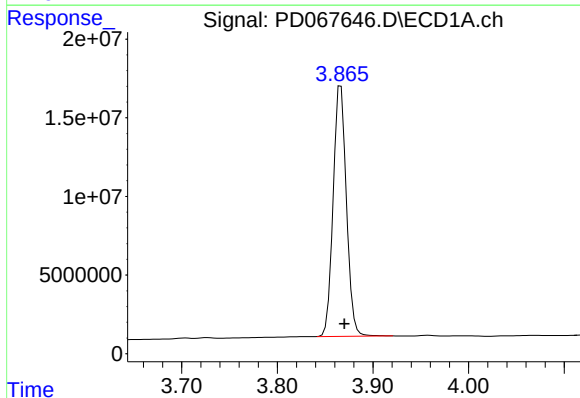
R.T.: 3.430 min  
Delta R.T.: -0.004 min  
Response: 37591712  
Conc: 20.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



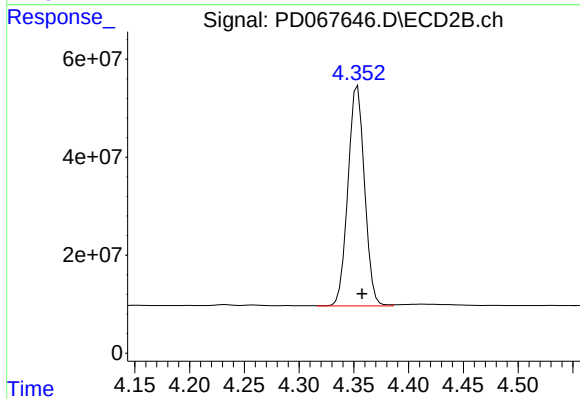
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.004 min  
Response: 144710172  
Conc: 21.93 ng/ml



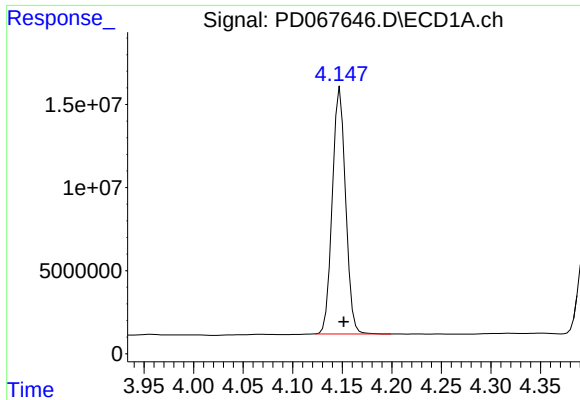
#2 alpha-BHC

R.T.: 3.866 min  
Delta R.T.: -0.004 min  
Response: 153217424  
Conc: 53.13 ng/ml



#2 alpha-BHC

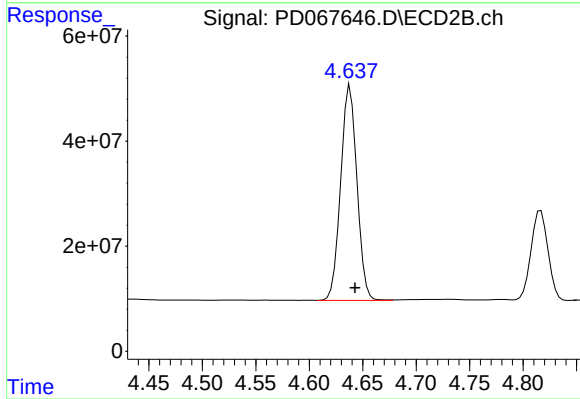
R.T.: 4.353 min  
Delta R.T.: -0.004 min  
Response: 473745771  
Conc: 51.06 ng/ml



#3 gamma-BHC (Lindane)

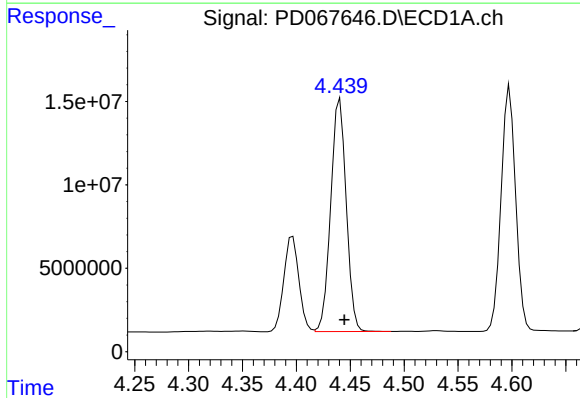
R.T.: 4.148 min  
Delta R.T.: -0.004 min  
Response: 138399981  
Conc: 52.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



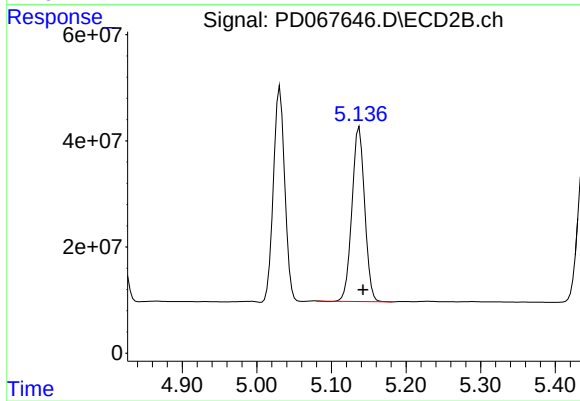
#3 gamma-BHC (Lindane)

R.T.: 4.638 min  
Delta R.T.: -0.005 min  
Response: 434321920  
Conc: 51.53 ng/ml



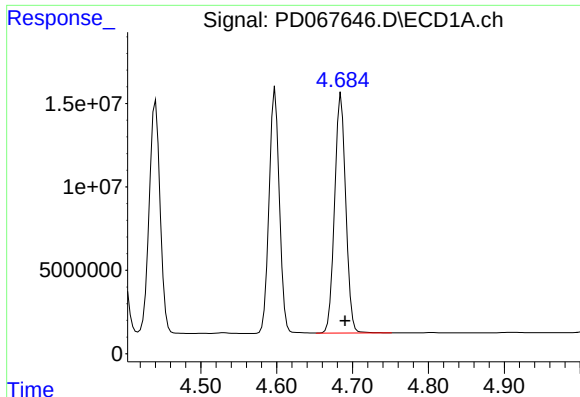
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: -0.004 min  
Response: 139266885  
Conc: 51.21 ng/ml



#4 Heptachlor

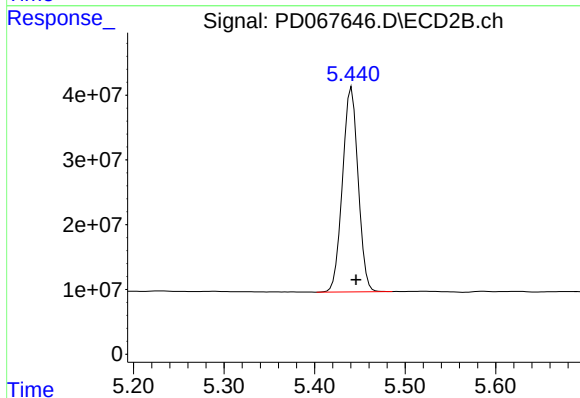
R.T.: 5.137 min  
Delta R.T.: -0.005 min  
Response: 389191270  
Conc: 50.73 ng/ml



#5 Aldrin

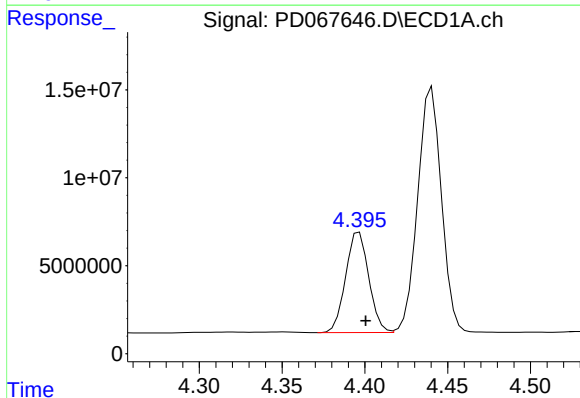
R.T.: 4.685 min  
Delta R.T.: -0.005 min  
Response: 146606300  
Conc: 52.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



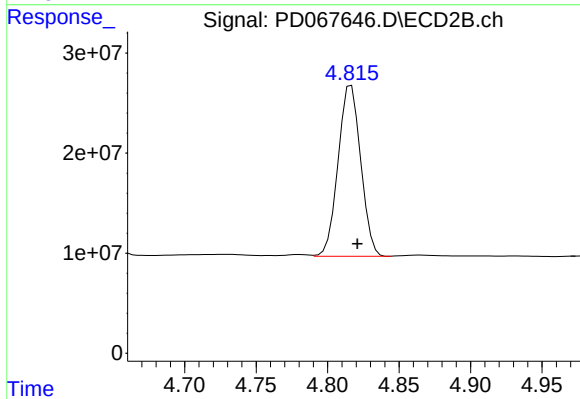
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: -0.005 min  
Response: 378575193  
Conc: 51.06 ng/ml



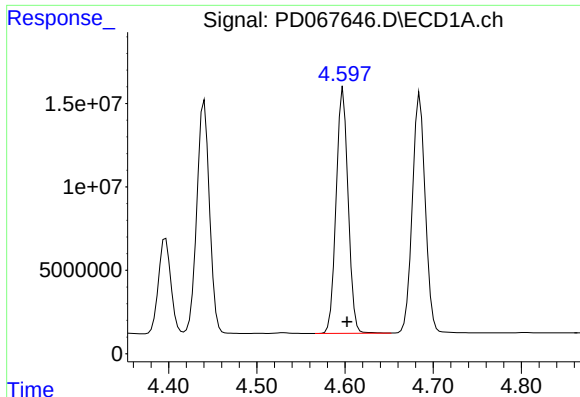
#6 beta-BHC

R.T.: 4.397 min  
Delta R.T.: -0.004 min  
Response: 55496390  
Conc: 50.50 ng/ml



#6 beta-BHC

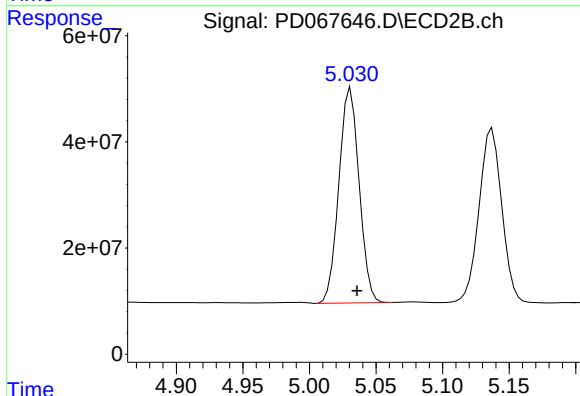
R.T.: 4.817 min  
Delta R.T.: -0.004 min  
Response: 187975204  
Conc: 48.21 ng/ml



#7 delta-BHC

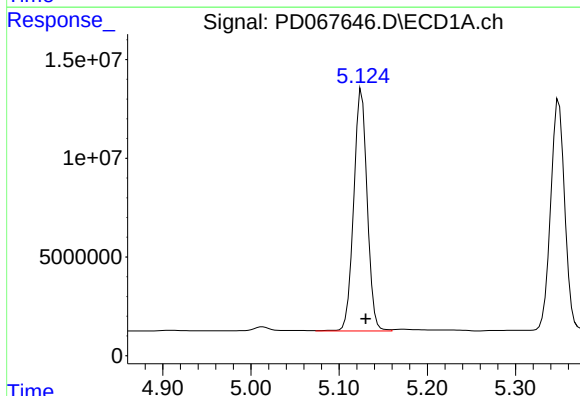
R.T.: 4.598 min  
Delta R.T.: -0.004 min  
Response: 138844553  
Conc: 53.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



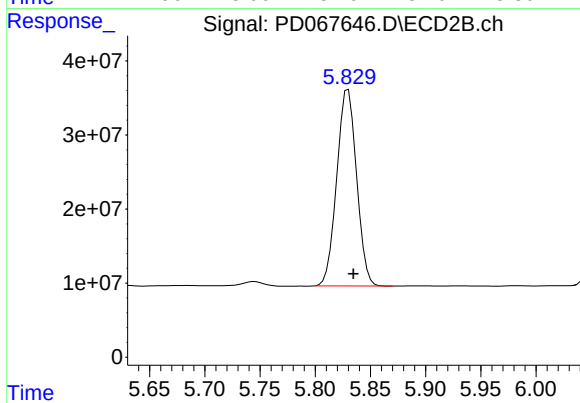
#7 delta-BHC

R.T.: 5.031 min  
Delta R.T.: -0.005 min  
Response: 428743727  
Conc: 57.21 ng/ml



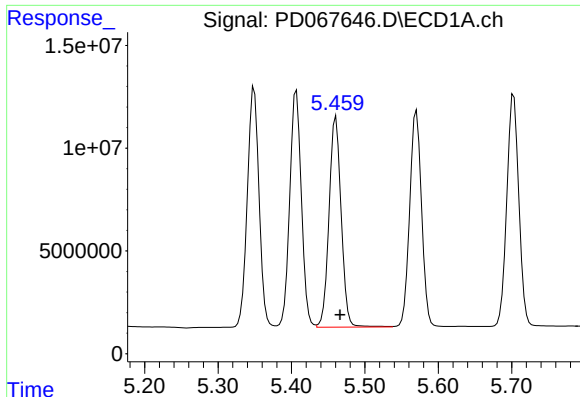
#8 Heptachlor epoxide

R.T.: 5.125 min  
Delta R.T.: -0.005 min  
Response: 130196923  
Conc: 52.83 ng/ml



#8 Heptachlor epoxide

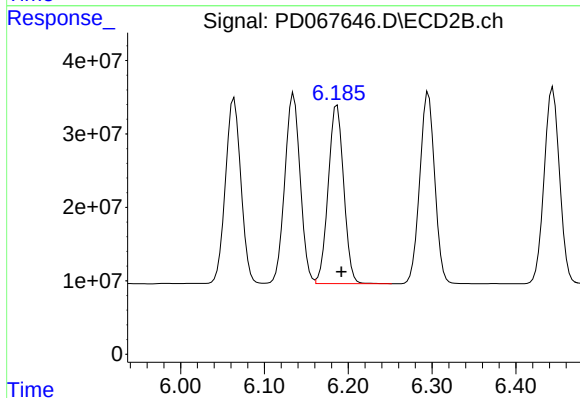
R.T.: 5.830 min  
Delta R.T.: -0.005 min  
Response: 331816757  
Conc: 62.17 ng/ml



#9 Endosulfan I

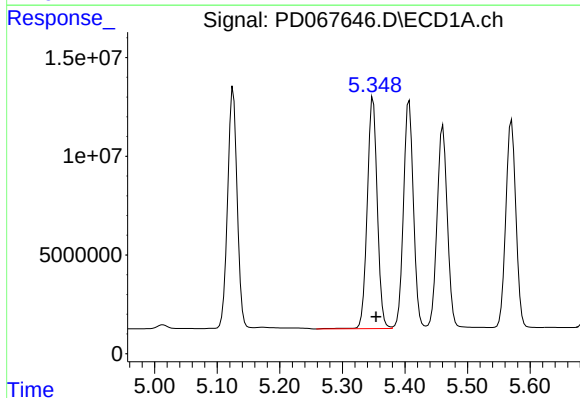
R.T.: 5.461 min  
Delta R.T.: -0.006 min  
Response: 117685076  
Conc: 52.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



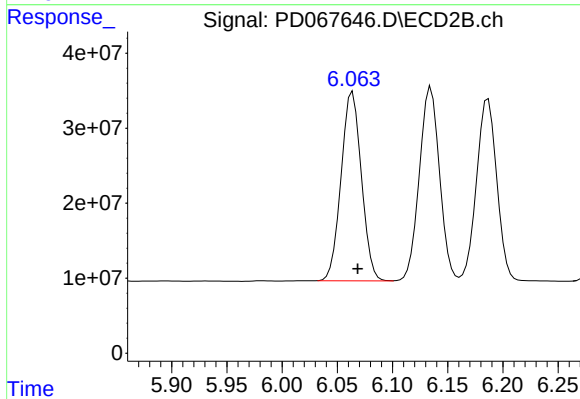
#9 Endosulfan I

R.T.: 6.187 min  
Delta R.T.: -0.005 min  
Response: 311306397  
Conc: 51.42 ng/ml



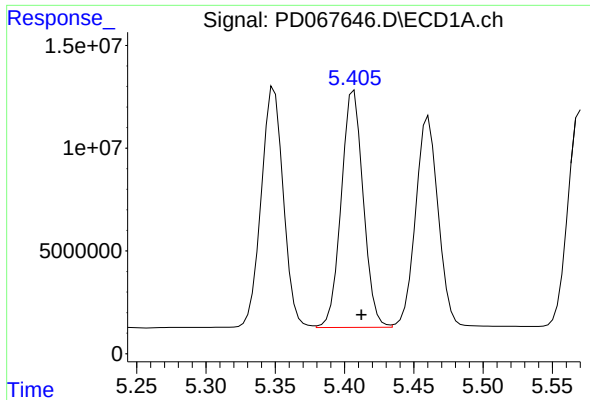
#10 gamma-Chlordane

R.T.: 5.349 min  
Delta R.T.: -0.005 min  
Response: 130548075  
Conc: 52.81 ng/ml



#10 gamma-Chlordane

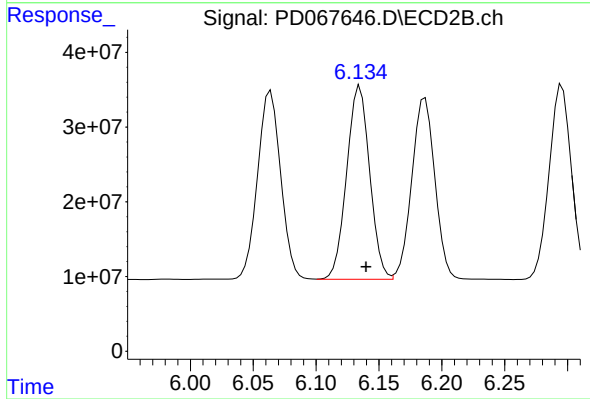
R.T.: 6.064 min  
Delta R.T.: -0.005 min  
Response: 322484715  
Conc: 49.71 ng/ml



#11 alpha-Chlordane

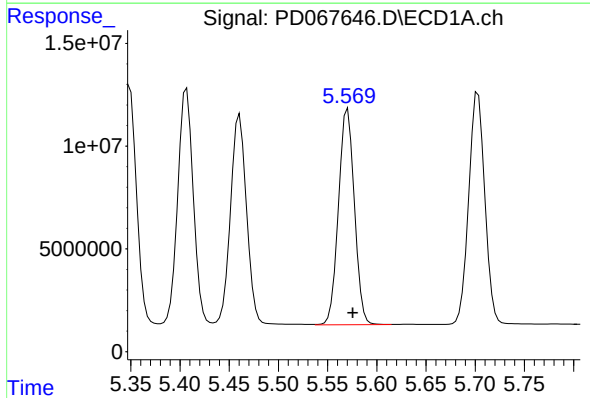
R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 127470396  
Conc: 52.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



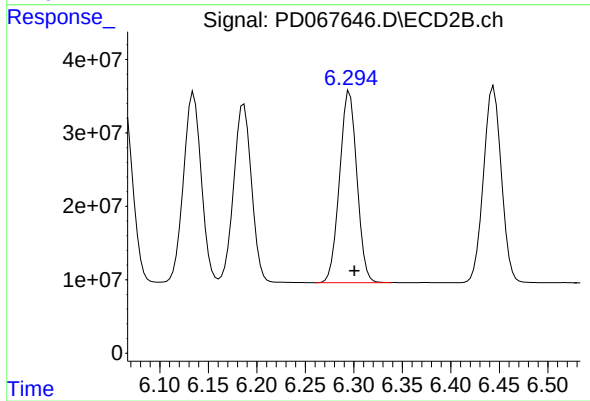
#11 alpha-Chlordane

R.T.: 6.135 min  
Delta R.T.: -0.005 min  
Response: 329826979  
Conc: 50.88 ng/ml



#12 4,4'-DDE

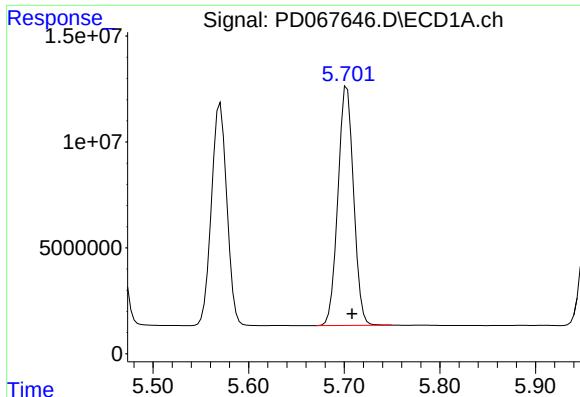
R.T.: 5.570 min  
Delta R.T.: -0.005 min  
Response: 118266429  
Conc: 53.42 ng/ml



#12 4,4'-DDE

R.T.: 6.296 min  
Delta R.T.: -0.005 min  
Response: 324465368  
Conc: 52.68 ng/ml

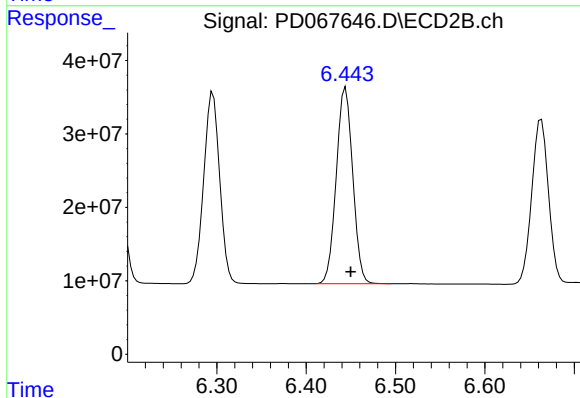




#13 Dieldrin

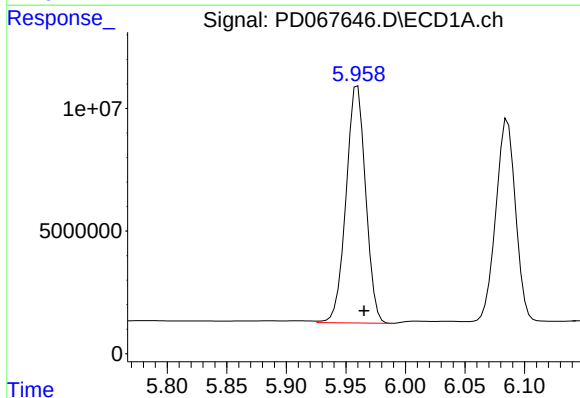
R.T.: 5.703 min  
Delta R.T.: -0.005 min  
Response: 128328203  
Conc: 53.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



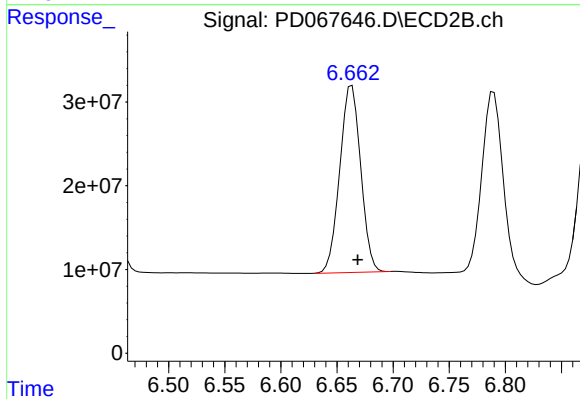
#13 Dieldrin

R.T.: 6.444 min  
Delta R.T.: -0.006 min  
Response: 342271526  
Conc: 51.52 ng/ml



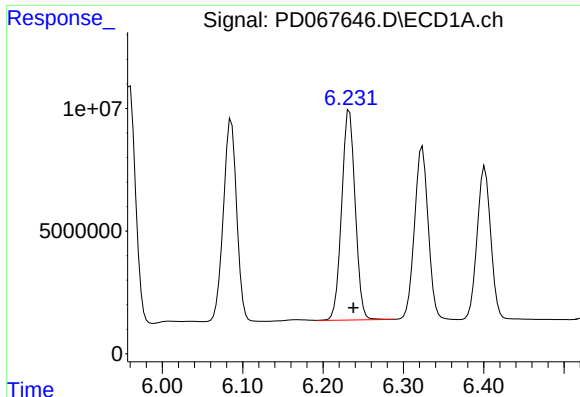
#14 Endrin

R.T.: 5.960 min  
Delta R.T.: -0.005 min  
Response: 110632159  
Conc: 52.67 ng/ml



#14 Endrin

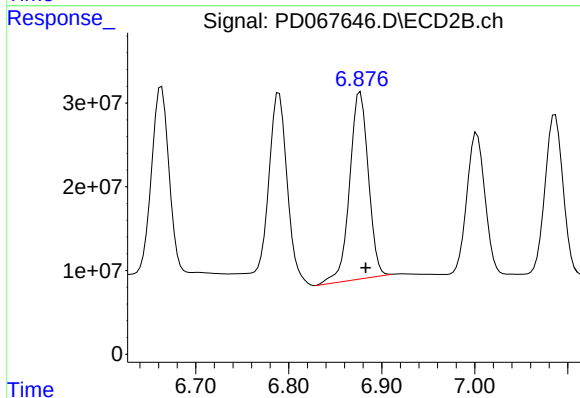
R.T.: 6.663 min  
Delta R.T.: -0.005 min  
Response: 289694691  
Conc: 52.26 ng/ml



#15 Endosulfan II

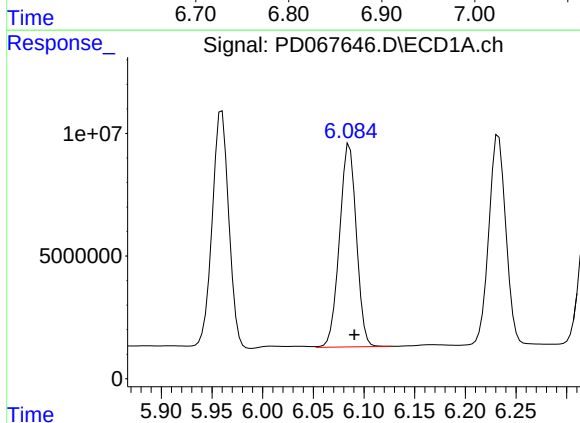
R.T.: 6.233 min  
Delta R.T.: -0.005 min  
Response: 100040116  
Conc: 49.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



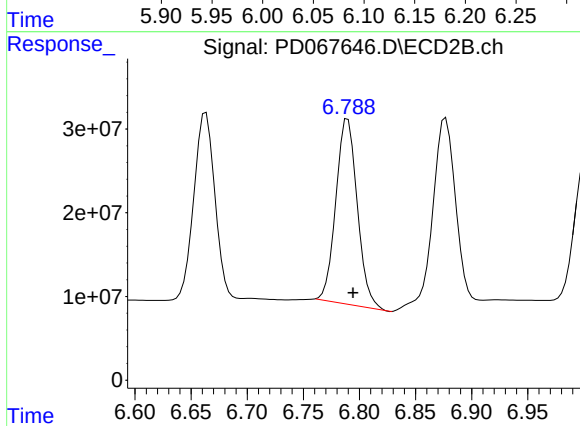
#15 Endosulfan II

R.T.: 6.877 min  
Delta R.T.: -0.006 min  
Response: 311686858  
Conc: 52.44 ng/ml



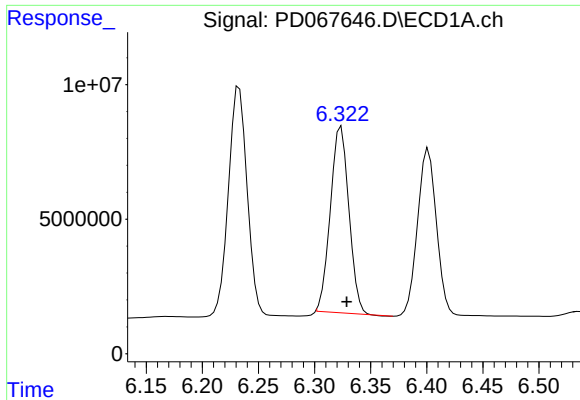
#16 4,4'-DDD

R.T.: 6.086 min  
Delta R.T.: -0.005 min  
Response: 95668910  
Conc: 55.69 ng/ml



#16 4,4'-DDD

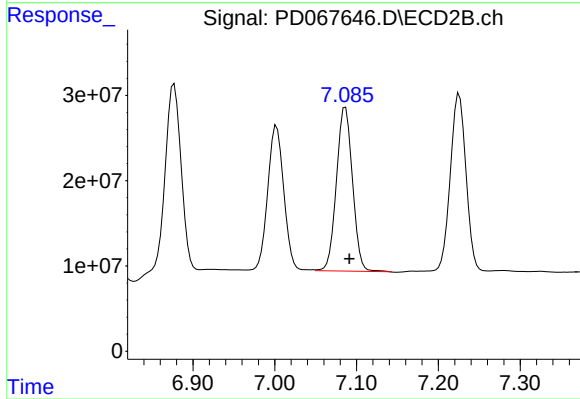
R.T.: 6.790 min  
Delta R.T.: -0.005 min  
Response: 295052018  
Conc: 58.94 ng/ml



#17 4,4'-DDT

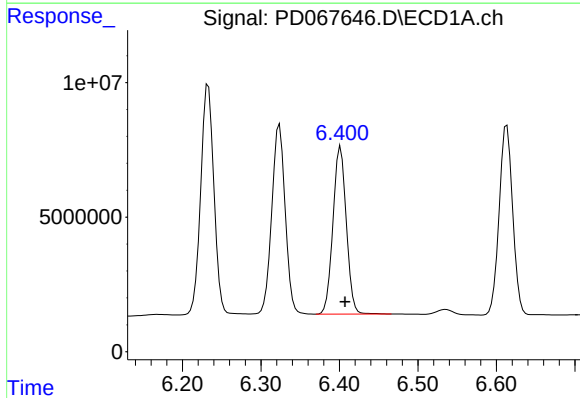
R.T.: 6.324 min  
Delta R.T.: -0.005 min  
Response: 79633851  
Conc: 48.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



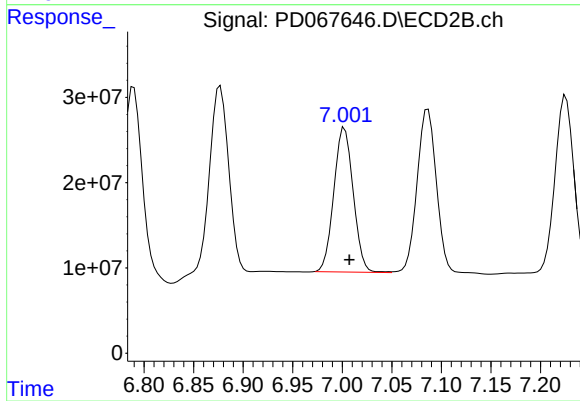
#17 4,4'-DDT

R.T.: 7.087 min  
Delta R.T.: -0.005 min  
Response: 262009032  
Conc: 48.97 ng/ml



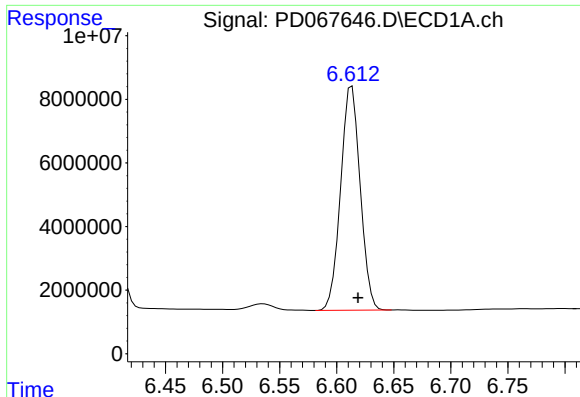
#18 Endrin aldehyde

R.T.: 6.402 min  
Delta R.T.: -0.006 min  
Response: 73468002  
Conc: 48.35 ng/ml



#18 Endrin aldehyde

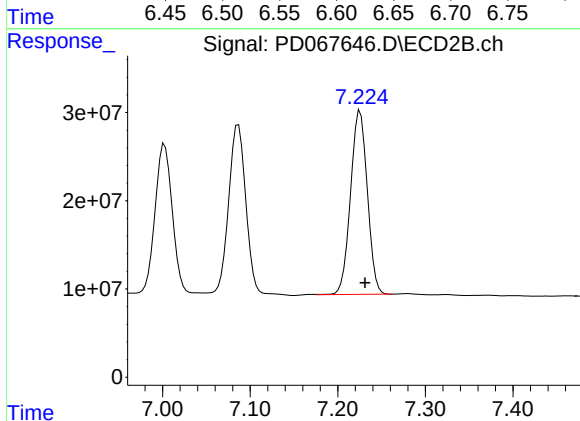
R.T.: 7.002 min  
Delta R.T.: -0.005 min  
Response: 230010868  
Conc: 50.98 ng/ml



#19 Endosulfan Sulfate

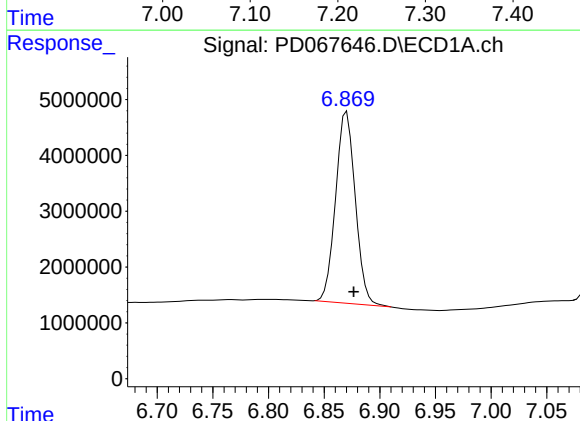
R.T.: 6.613 min  
Delta R.T.: -0.005 min  
Response: 84007975  
Conc: 52.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



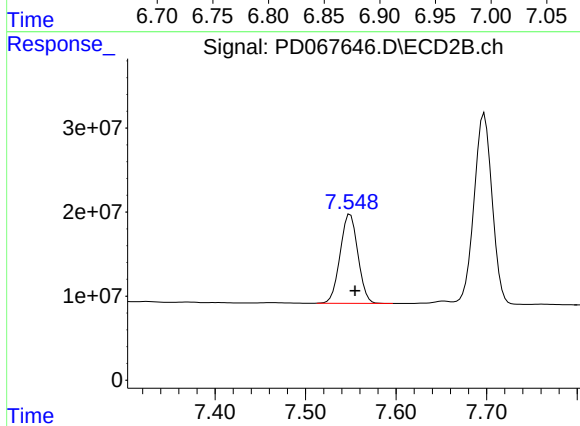
#19 Endosulfan Sulfate

R.T.: 7.226 min  
Delta R.T.: -0.005 min  
Response: 277676042  
Conc: 50.81 ng/ml



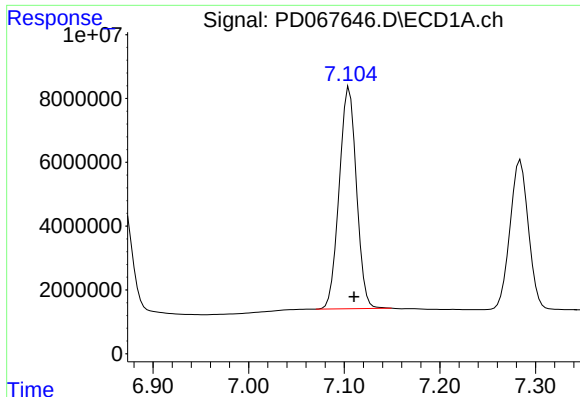
#20 Methoxychlor

R.T.: 6.870 min  
Delta R.T.: -0.006 min  
Response: 42121629  
Conc: 49.62 ng/ml



#20 Methoxychlor

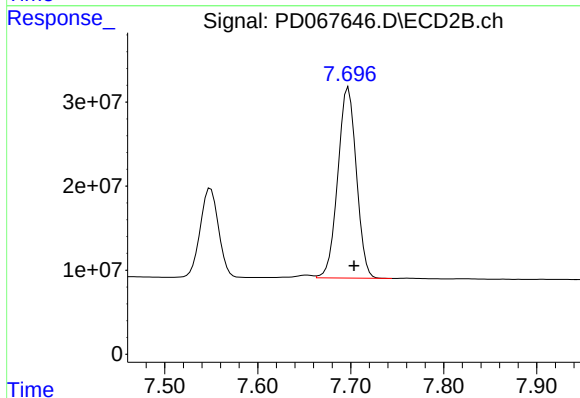
R.T.: 7.549 min  
Delta R.T.: -0.005 min  
Response: 144611074  
Conc: 49.84 ng/ml



#21 Endrin ketone

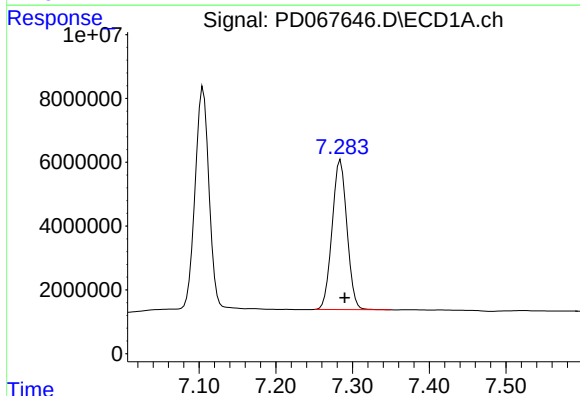
R.T.: 7.105 min  
Delta R.T.: -0.005 min  
Response: 87373509  
Conc: 51.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



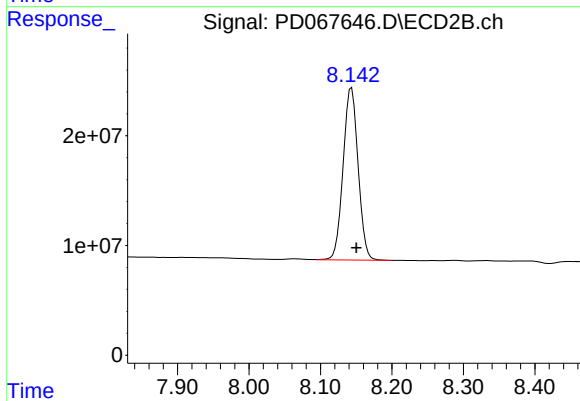
#21 Endrin ketone

R.T.: 7.698 min  
Delta R.T.: -0.006 min  
Response: 314218480  
Conc: 50.07 ng/ml



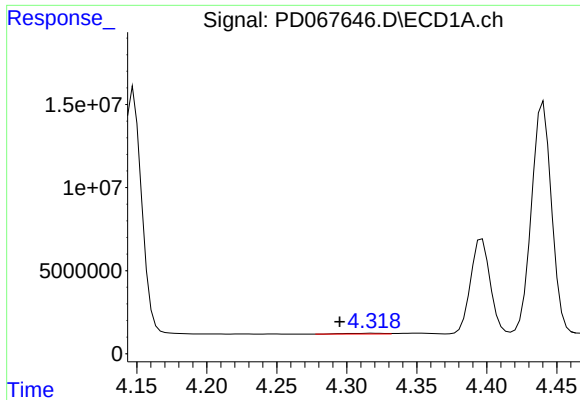
#22 Mirex

R.T.: 7.284 min  
Delta R.T.: -0.005 min  
Response: 63029935  
Conc: 52.70 ng/ml



#22 Mirex

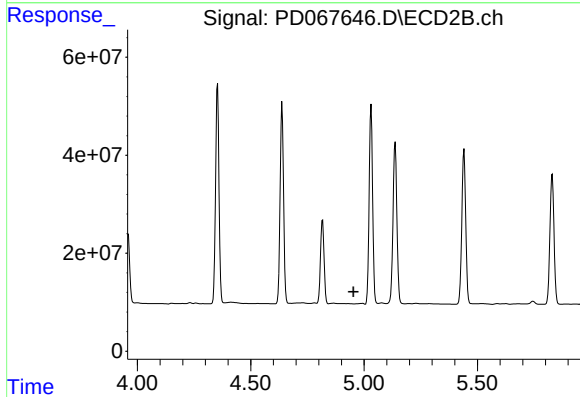
R.T.: 8.143 min  
Delta R.T.: -0.007 min  
Response: 229216738  
Conc: 52.79 ng/ml



#23 Chlordane-1

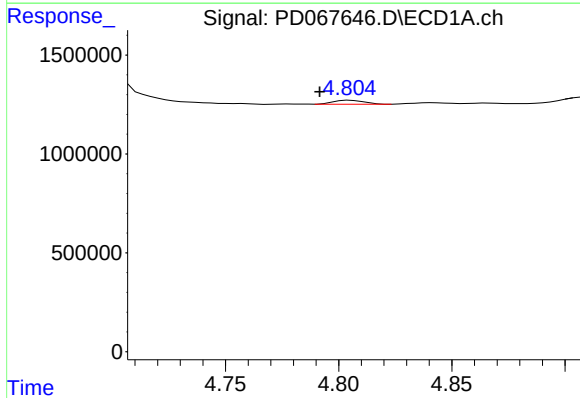
R.T.: 4.319 min  
Delta R.T.: 0.024 min  
Response: 891153  
Conc: 11.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



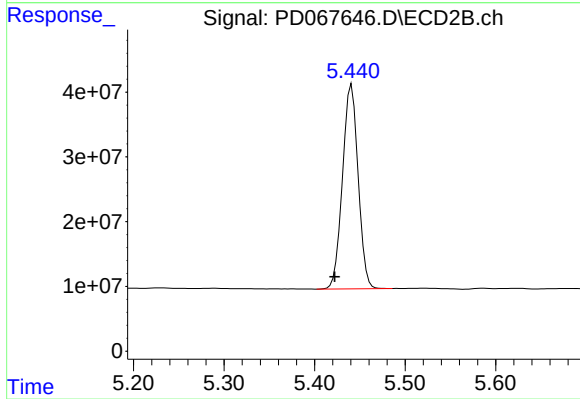
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



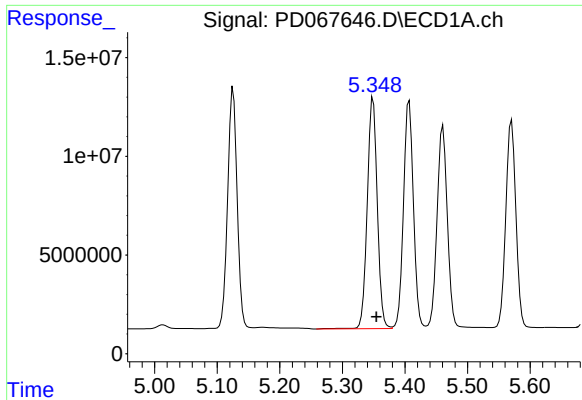
#24 Chlordane-2

R.T.: 4.805 min  
Delta R.T.: 0.013 min  
Response: 189121  
Conc: 2.09 ng/ml



#24 Chlordane-2

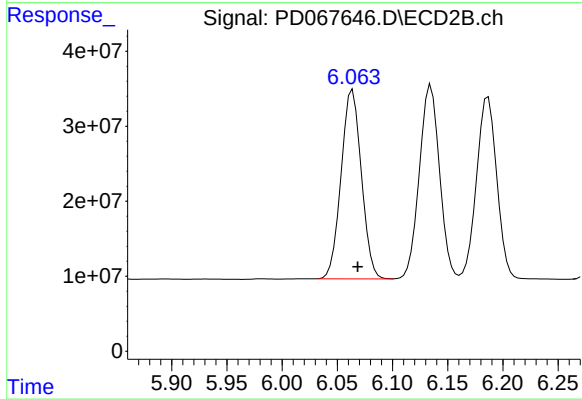
R.T.: 5.441 min  
Delta R.T.: 0.019 min  
Response: 378575193  
Conc: 1379.71 ng/ml



#25 Chlordane-3

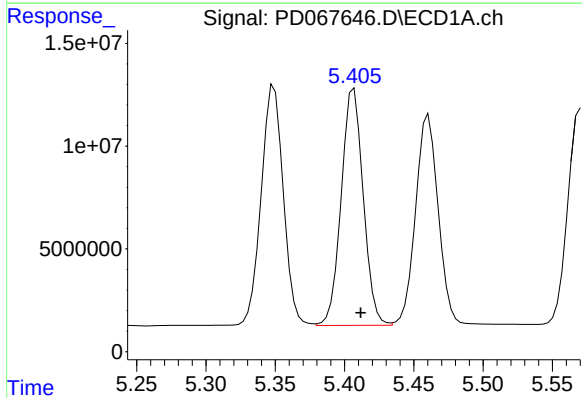
R.T.: 5.349 min  
Delta R.T.: -0.005 min  
Response: 130548075  
Conc: 489.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



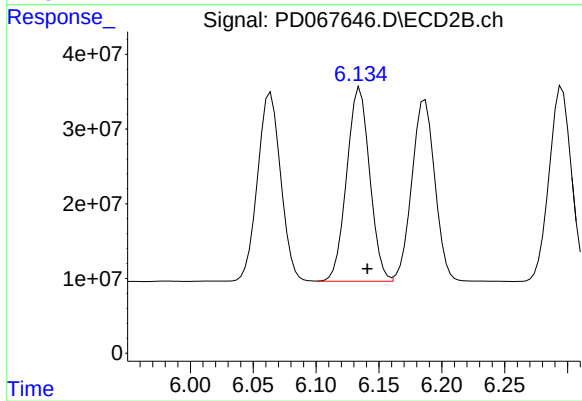
#25 Chlordane-3

R.T.: 6.064 min  
Delta R.T.: -0.005 min  
Response: 322484715  
Conc: 334.80 ng/ml



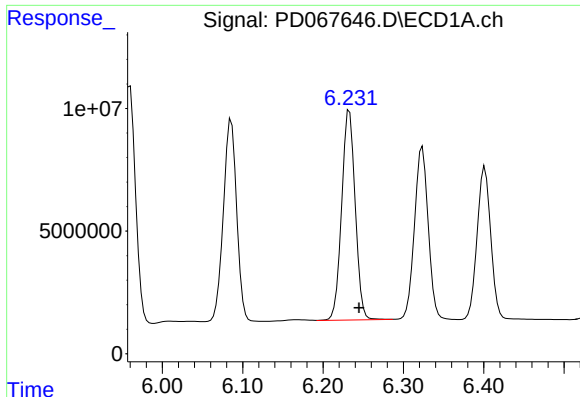
#26 Chlordane-4

R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 127470396  
Conc: 579.28 ng/ml



#26 Chlordane-4

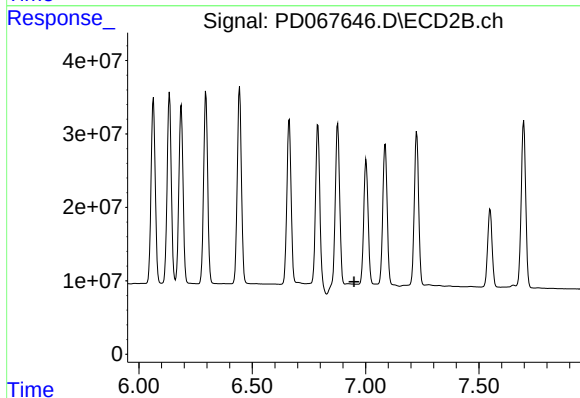
R.T.: 6.135 min  
Delta R.T.: -0.006 min  
Response: 329826979  
Conc: 288.89 ng/ml



#27 Chlordane-5

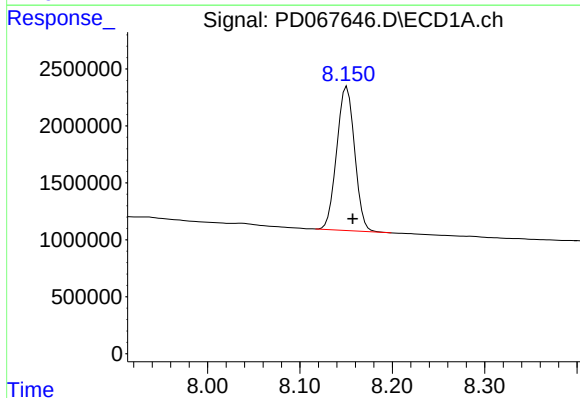
R.T.: 6.233 min  
Delta R.T.: -0.012 min  
Response: 100040116  
Conc: 1155.58 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



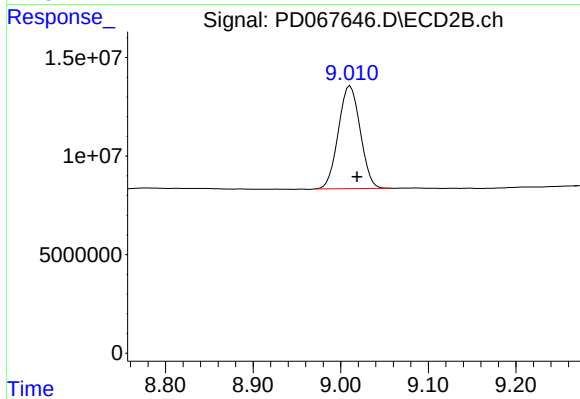
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.950 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.151 min  
Delta R.T.: -0.006 min  
Response: 17001078  
Conc: 19.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.011 min  
Delta R.T.: -0.008 min  
Response: 90373990  
Conc: 19.02 ng/ml