

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051622\  
 Data File : PD069652.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2022 17:00  
 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: May 17 00:53:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 18 13:40:55 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... | 3.453 | 4.172 | 58200567 | 566.9E6 | 52.429   | 52.879    |
| 2)                          | SA Decachlor... | 8.212 | 9.374 | 60813122 | 353.6E6 | 48.703   | 54.041    |
| Target Compounds            |                 |       |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.893 | 4.569 | 90893117 | 852.2E6 | 55.701   | 55.265    |
| 3)                          | MA gamma-BHC... | 4.177 | 4.860 | 83192303 | 765.3E6 | 48.634   | 54.200    |
| 4)                          | MA Heptachlor   | 4.474 | 5.388 | 79609657 | 732.6E6 | 53.681   | 53.624    |
| 5)                          | MB Aldrin       | 4.722 | 5.701 | 80602627 | 719.8E6 | 55.348   | 54.465    |
| 6)                          | B beta-BHC      | 4.427 | 5.024 | 35981871 | 333.4E6 | 51.756   | 54.262    |
| 7)                          | B delta-BHC     | 4.632 | 5.250 | 82522556 | 717.8E6 | 55.630   | 53.525    |
| 8)                          | B Heptachlo...  | 5.166 | 6.089 | 74286109 | 625.1E6 | 54.193   | 52.820    |
| 9)                          | A Endosulfan I  | 5.506 | 6.452 | 69650546 | 587.7E6 | 53.972   | 54.414    |
| 10)                         | B gamma-Chl...  | 5.393 | 6.326 | 74538957 | 639.5E6 | 53.622   | 54.922    |
| 11)                         | B alpha-Chl...  | 5.452 | 6.401 | 73522583 | 621.5E6 | 53.460   | 54.342    |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.551 | 69044066 | 586.6E6 | 54.566   | 54.299    |
| 13)                         | MA Dieldrin     | 5.750 | 6.711 | 72924766 | 608.2E6 | 54.045   | 54.554    |
| 14)                         | MA Endrin       | 6.007 | 6.932 | 61698563 | 490.2E6 | 51.030   | 54.048    |
| 15)                         | B Endosulfa...  | 6.282 | 7.137 | 61159495 | 492.8E6 | 52.851   | 56.964    |
| 16)                         | A 4,4'-DDD      | 6.136 | 7.043 | 60735504 | 509.4E6 | 55.723   | 59.141    |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.346 | 55245834 | 466.6E6 | 51.384   | 53.798    |
| 18)                         | B Endrin al...  | 6.452 | 7.261 | 46834245 | 372.1E6 | 50.742   | 53.824    |
| 19)                         | B Endosulfa...  | 6.664 | 7.487 | 63797436 | 467.9E6 | 52.742   | 54.806    |
| 20)                         | A Methoxychlor  | 6.926 | 7.800 | 31461839 | 228.5E6 | 49.527   | 53.006    |
| 21)                         | B Endrin ke...  | 7.157 | 7.962 | 75660465 | 508.6E6 | 53.736   | 56.250    |
| 22)                         | Mirex           | 7.340 | 8.428 | 56735652 | 346.6E6 | 49.872   | 53.772    |
| 25)                         | Chlordane-3     | 5.393 | 6.326 | 74538957 | 639.5E6 | 547.853  | 392.845 # |
| 26)                         | Chlordane-4     | 5.452 | 6.401 | 73522583 | 621.5E6 | 643.071  | 327.819 # |
| 27)                         | Chlordane-5     | 6.282 | 0.000 | 61159495 | 0       | 1352.371 | N.D. #    |
| -----                       |                 |       |       |          |         |          |           |

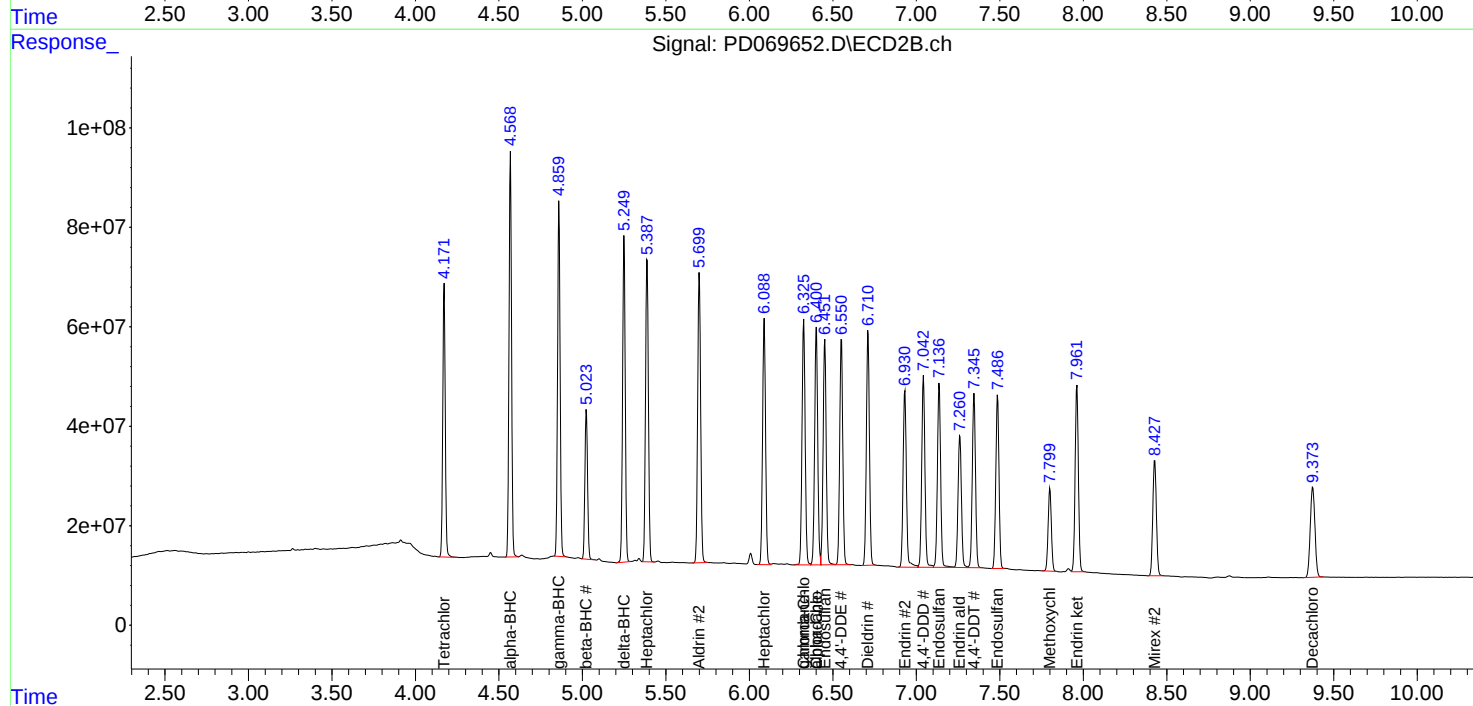
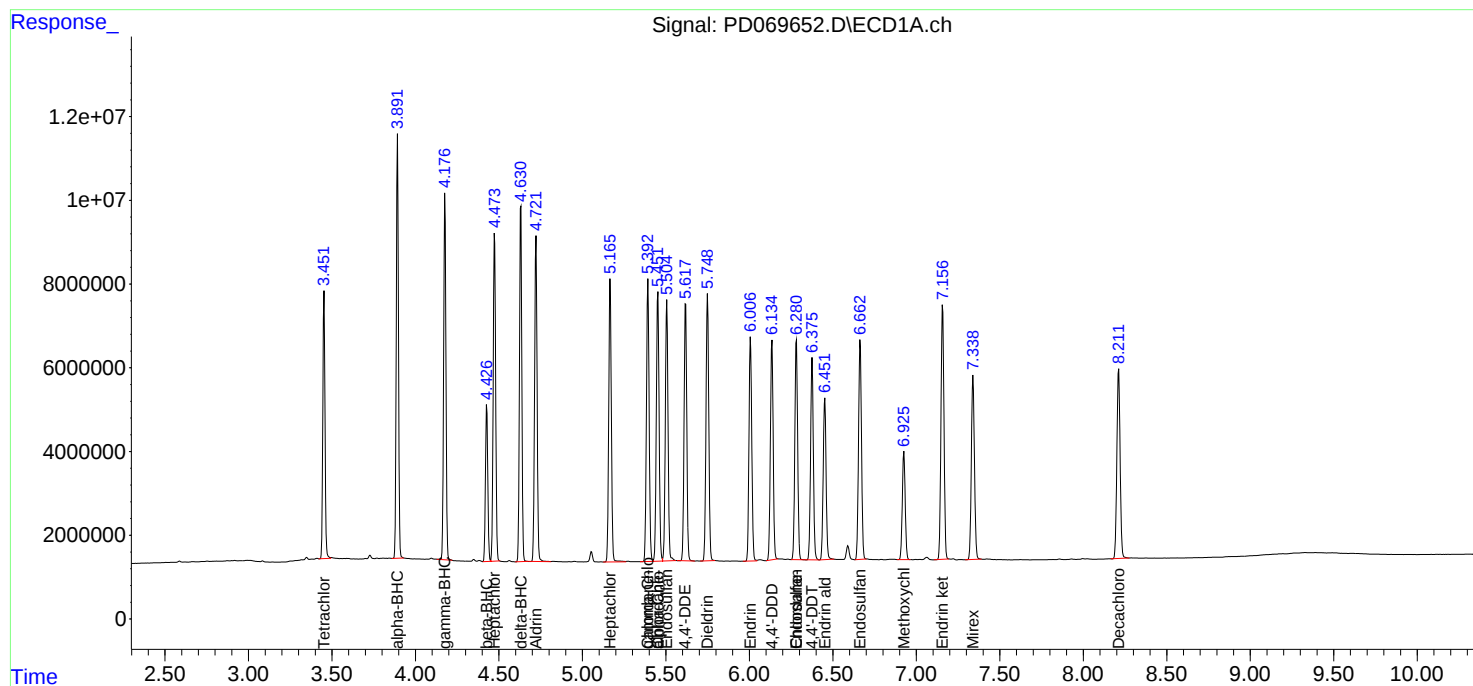
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

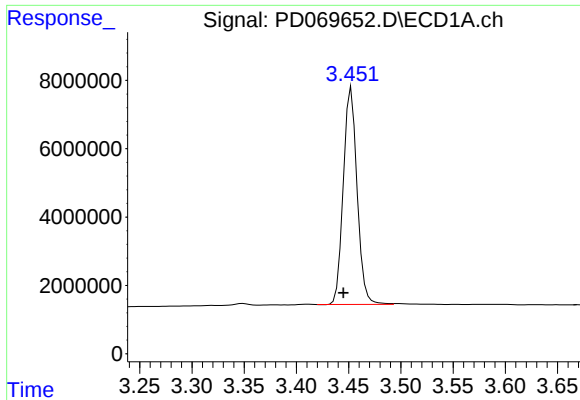
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051622\  
Data File : PD069652.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2022 17:00  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 00:53:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 18 13:40:55 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

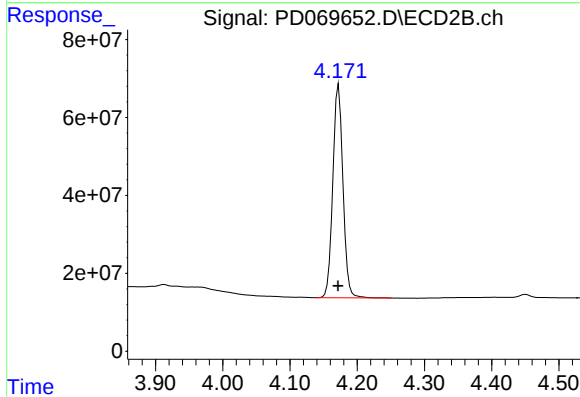




#1 Tetrachloro-m-xylene

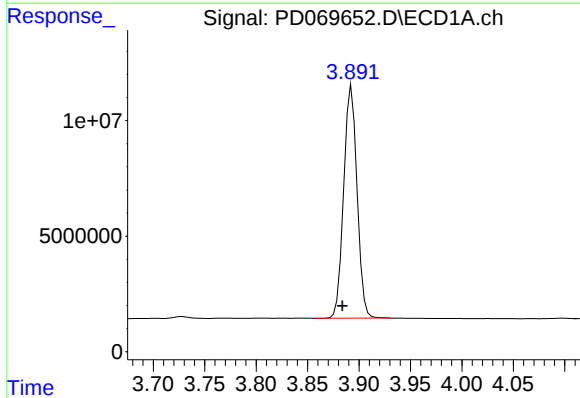
R.T.: 3.453 min  
Delta R.T.: 0.008 min  
Response: 58200567  
Conc: 52.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



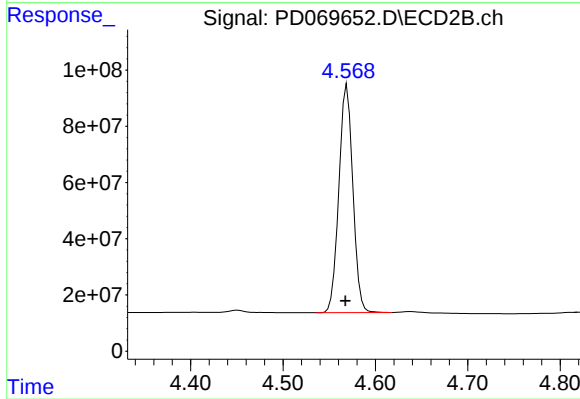
#1 Tetrachloro-m-xylene

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 566948946  
Conc: 52.88 ng/ml



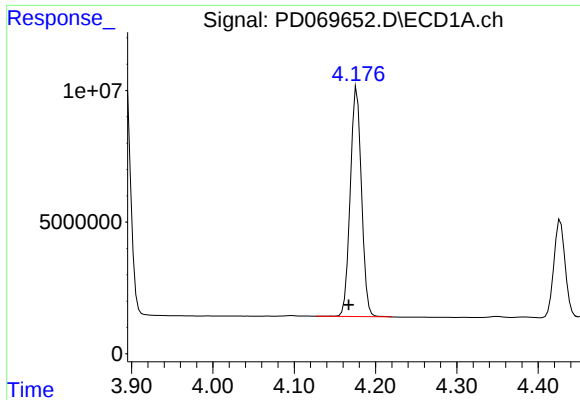
#2 alpha-BHC

R.T.: 3.893 min  
Delta R.T.: 0.009 min  
Response: 90893117  
Conc: 55.70 ng/ml



#2 alpha-BHC

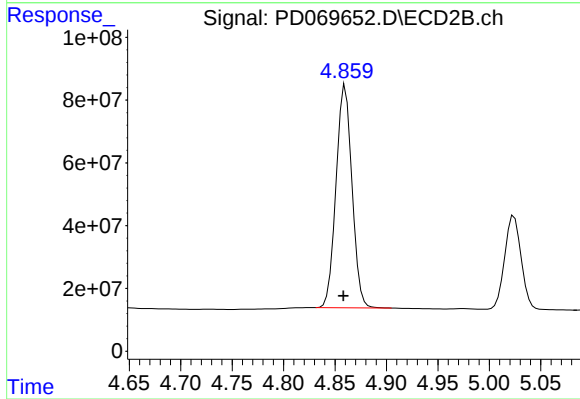
R.T.: 4.569 min  
Delta R.T.: 0.002 min  
Response: 852195839  
Conc: 55.27 ng/ml



#3 gamma-BHC (Lindane)

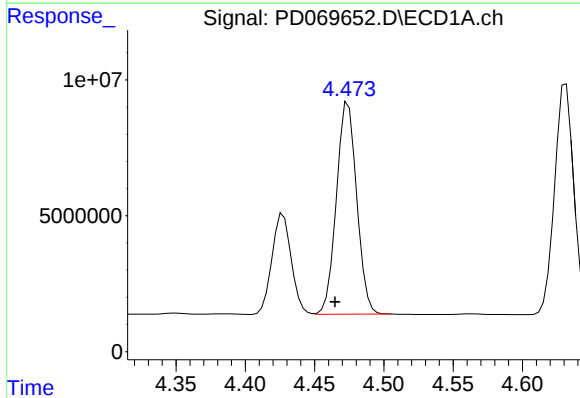
R.T.: 4.177 min  
Delta R.T.: 0.010 min  
Response: 83192303  
Conc: 48.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



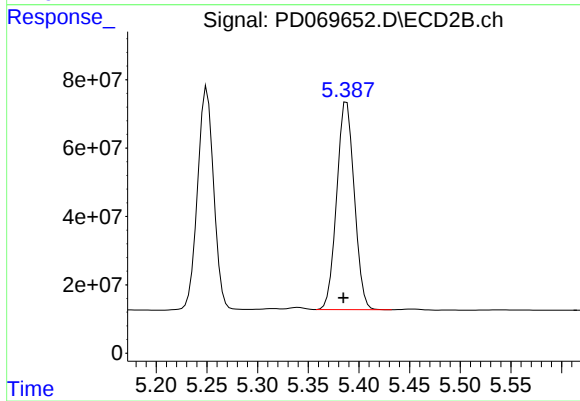
#3 gamma-BHC (Lindane)

R.T.: 4.860 min  
Delta R.T.: 0.002 min  
Response: 765332923  
Conc: 54.20 ng/ml



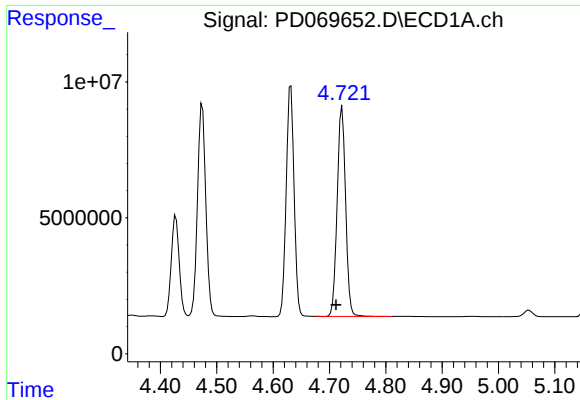
#4 Heptachlor

R.T.: 4.474 min  
Delta R.T.: 0.010 min  
Response: 79609657  
Conc: 53.68 ng/ml



#4 Heptachlor

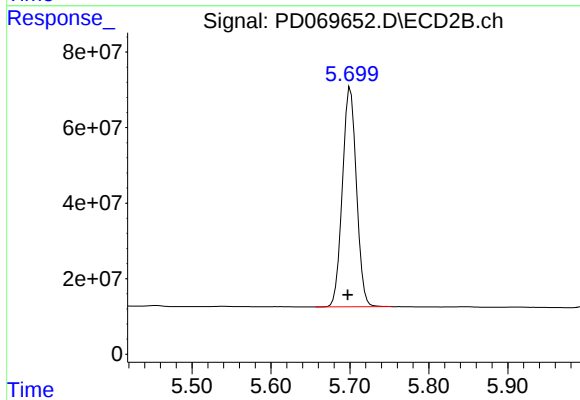
R.T.: 5.388 min  
Delta R.T.: 0.003 min  
Response: 732596770  
Conc: 53.62 ng/ml



#5 Aldrin

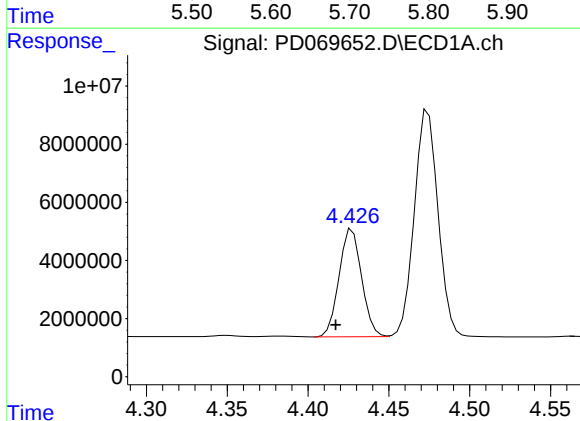
R.T.: 4.722 min  
Delta R.T.: 0.011 min  
Response: 80602627  
Conc: 55.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



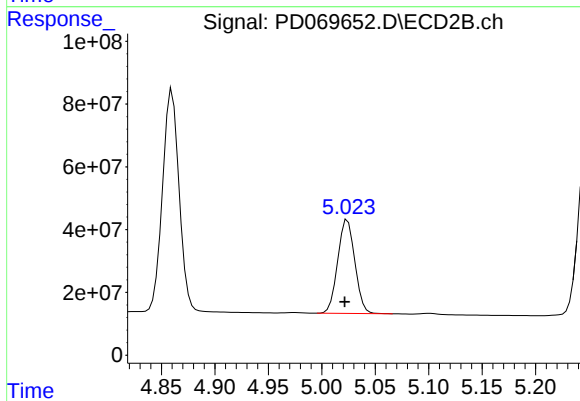
#5 Aldrin

R.T.: 5.701 min  
Delta R.T.: 0.003 min  
Response: 719767830  
Conc: 54.47 ng/ml



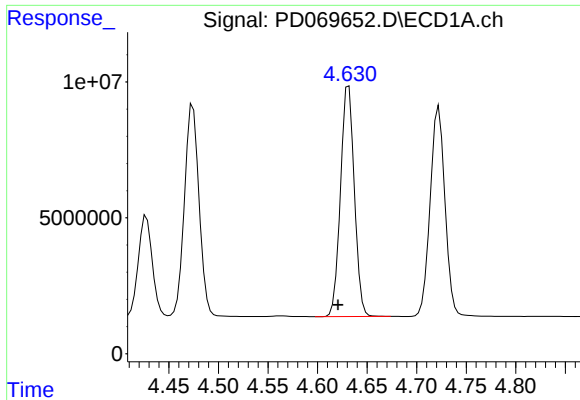
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.010 min  
Response: 35981871  
Conc: 51.76 ng/ml



#6 beta-BHC

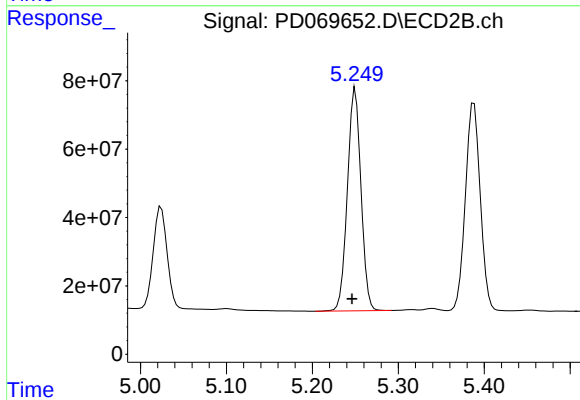
R.T.: 5.024 min  
Delta R.T.: 0.003 min  
Response: 333365576  
Conc: 54.26 ng/ml



#7 delta-BHC

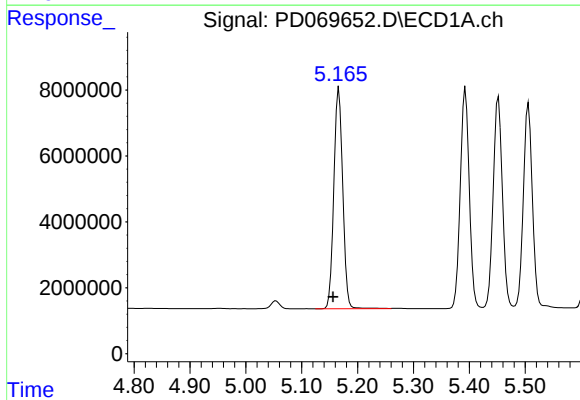
R.T.: 4.632 min  
Delta R.T.: 0.011 min  
Response: 82522556  
Conc: 55.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



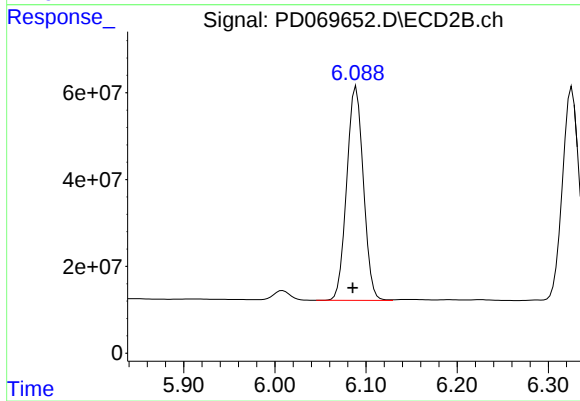
#7 delta-BHC

R.T.: 5.250 min  
Delta R.T.: 0.004 min  
Response: 717808731  
Conc: 53.52 ng/ml



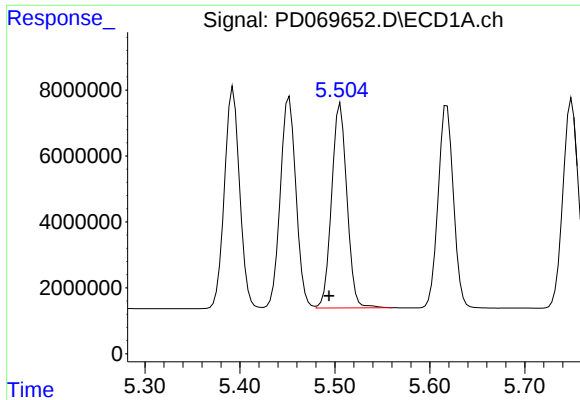
#8 Heptachlor epoxide

R.T.: 5.166 min  
Delta R.T.: 0.010 min  
Response: 74286109  
Conc: 54.19 ng/ml



#8 Heptachlor epoxide

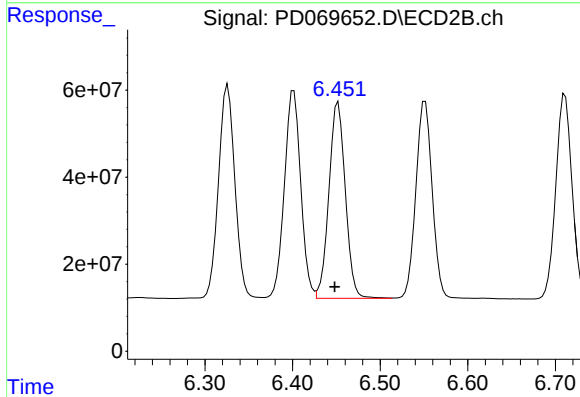
R.T.: 6.089 min  
Delta R.T.: 0.004 min  
Response: 625076068  
Conc: 52.82 ng/ml



#9 Endosulfan I

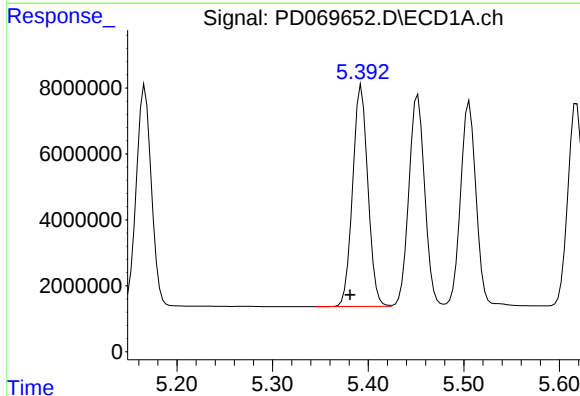
R.T.: 5.506 min  
Delta R.T.: 0.012 min  
Response: 69650546  
Conc: 53.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



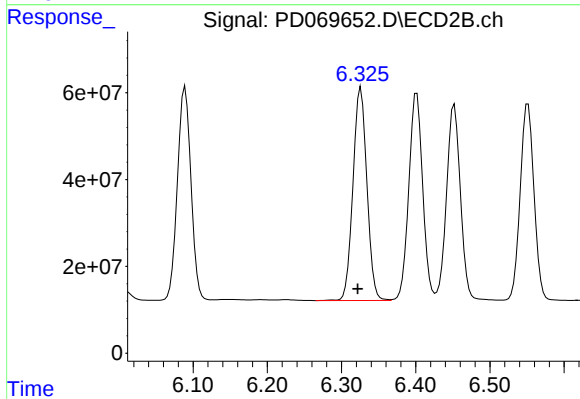
#9 Endosulfan I

R.T.: 6.452 min  
Delta R.T.: 0.004 min  
Response: 587672818  
Conc: 54.41 ng/ml



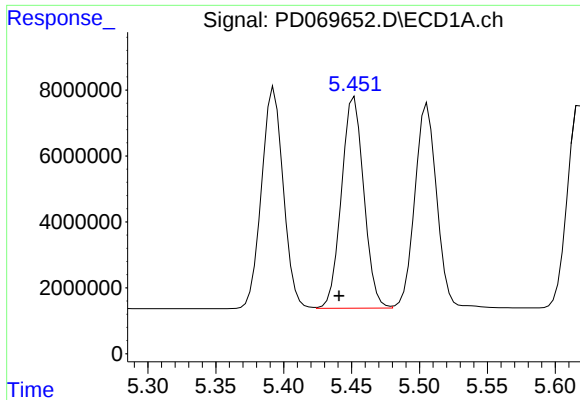
#10 gamma-Chlordane

R.T.: 5.393 min  
Delta R.T.: 0.012 min  
Response: 74538957  
Conc: 53.62 ng/ml



#10 gamma-Chlordane

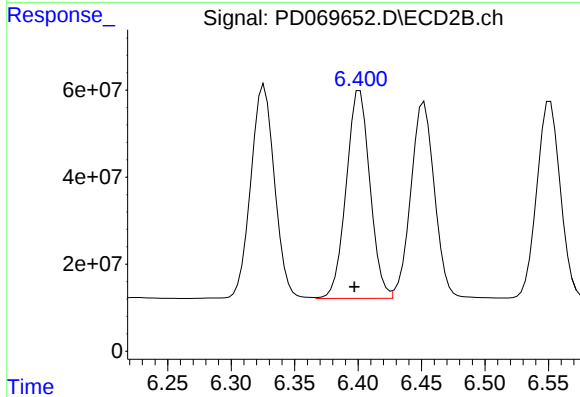
R.T.: 6.326 min  
Delta R.T.: 0.004 min  
Response: 639524751  
Conc: 54.92 ng/ml



#11 alpha-Chlordane

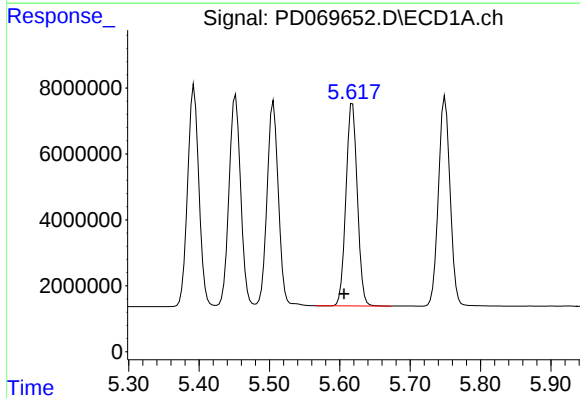
R.T.: 5.452 min  
Delta R.T.: 0.011 min  
Response: 73522583  
Conc: 53.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



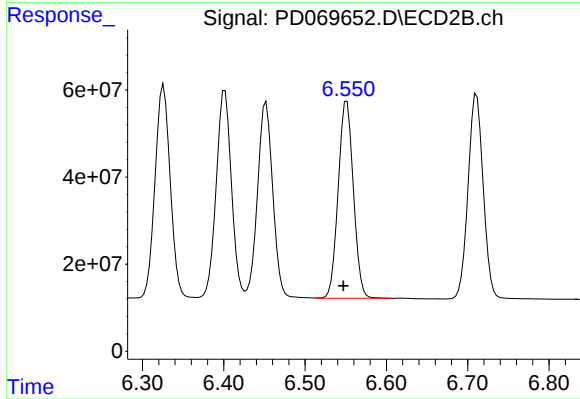
#11 alpha-Chlordane

R.T.: 6.401 min  
Delta R.T.: 0.004 min  
Response: 621536586  
Conc: 54.34 ng/ml



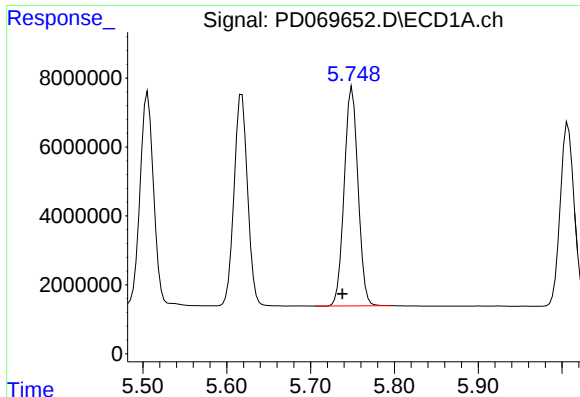
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.012 min  
Response: 69044066  
Conc: 54.57 ng/ml



#12 4,4'-DDE

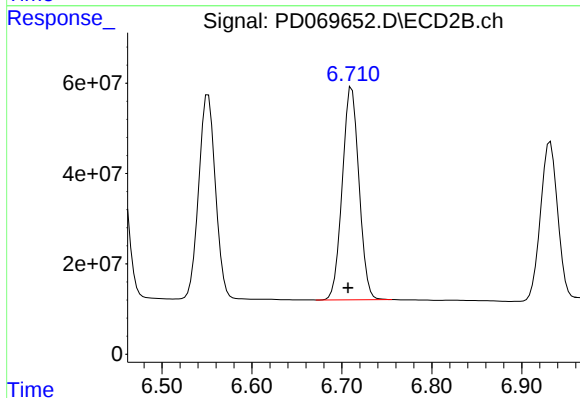
R.T.: 6.551 min  
Delta R.T.: 0.004 min  
Response: 586554581  
Conc: 54.30 ng/ml



#13 Dieldrin

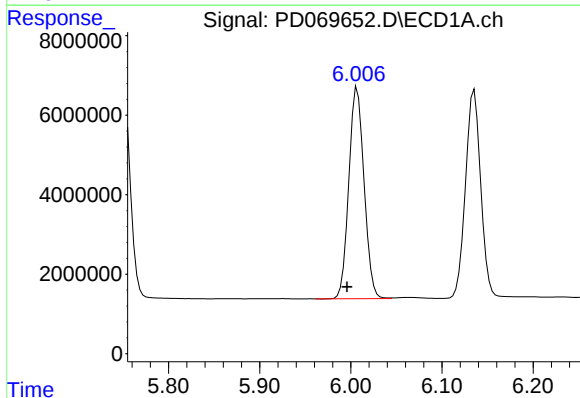
R.T.: 5.750 min  
Delta R.T.: 0.012 min  
Response: 72924766  
Conc: 54.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



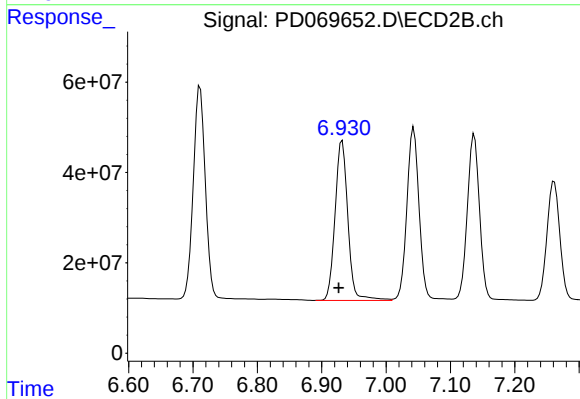
#13 Dieldrin

R.T.: 6.711 min  
Delta R.T.: 0.004 min  
Response: 608168638  
Conc: 54.55 ng/ml



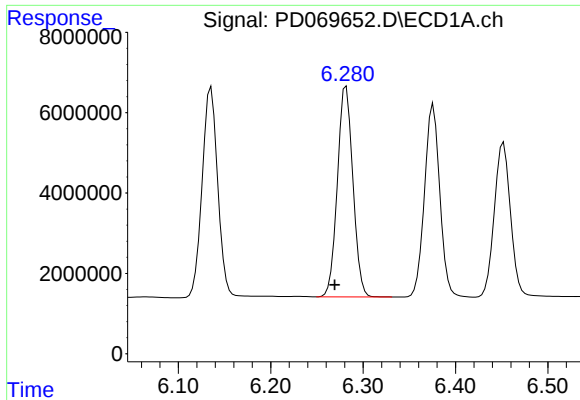
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.011 min  
Response: 61698563  
Conc: 51.03 ng/ml



#14 Endrin

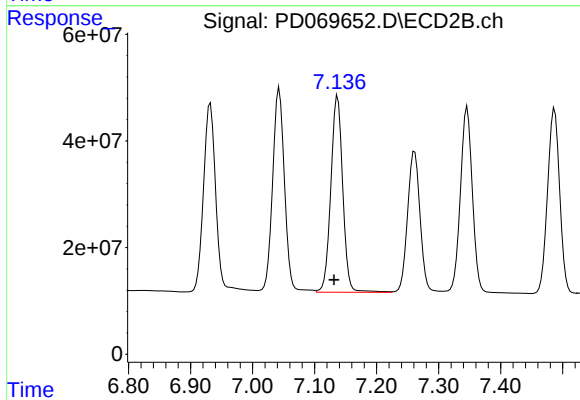
R.T.: 6.932 min  
Delta R.T.: 0.005 min  
Response: 490223548  
Conc: 54.05 ng/ml



#15 Endosulfan II

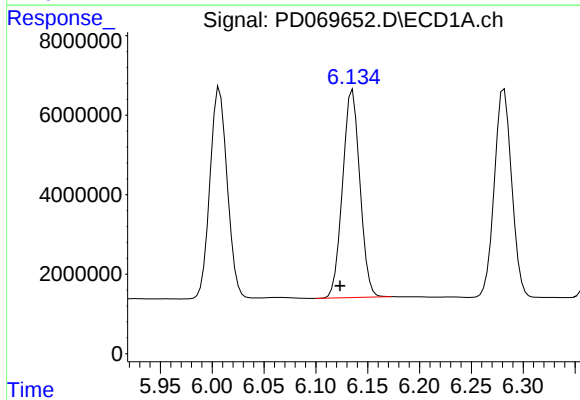
R.T.: 6.282 min  
Delta R.T.: 0.012 min  
Response: 61159495  
Conc: 52.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



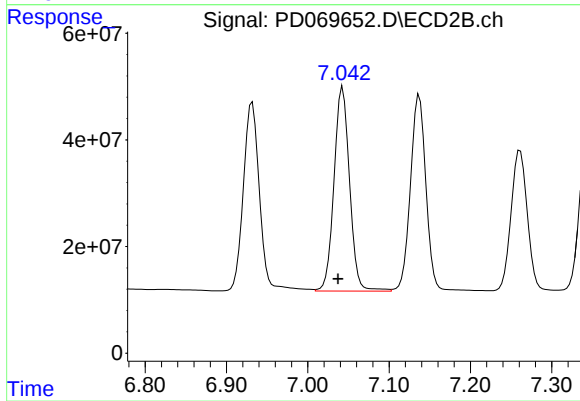
#15 Endosulfan II

R.T.: 7.137 min  
Delta R.T.: 0.006 min  
Response: 492847239  
Conc: 56.96 ng/ml



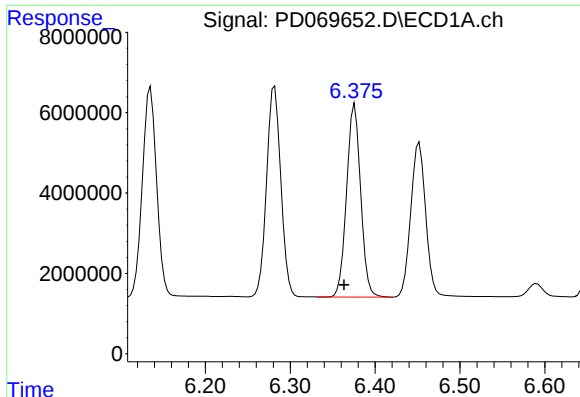
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.012 min  
Response: 60735504  
Conc: 55.72 ng/ml



#16 4,4'-DDD

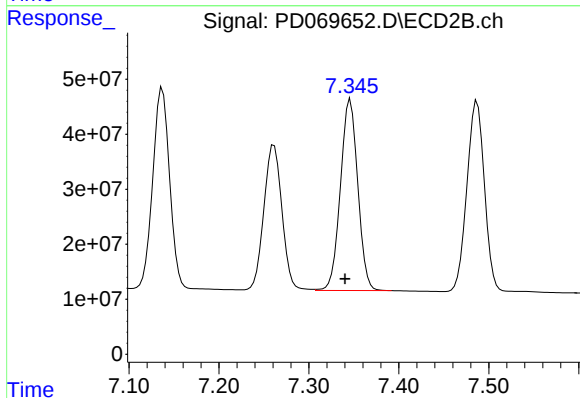
R.T.: 7.043 min  
Delta R.T.: 0.006 min  
Response: 509405742  
Conc: 59.14 ng/ml



#17 4,4'-DDT

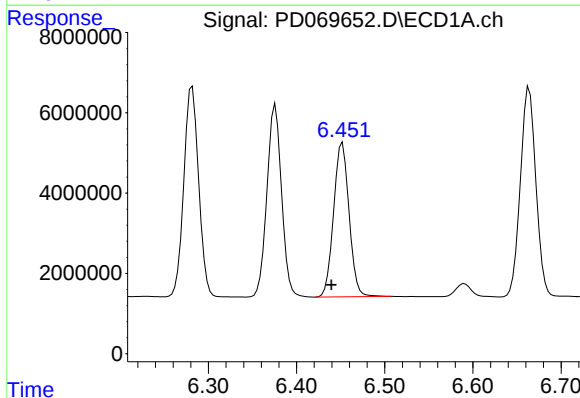
R.T.: 6.376 min  
Delta R.T.: 0.013 min  
Response: 55245834  
Conc: 51.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



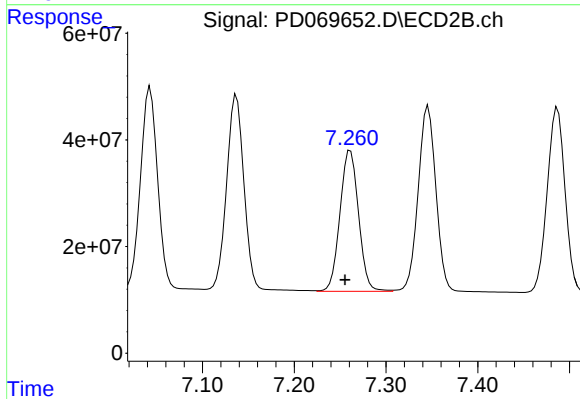
#17 4,4'-DDT

R.T.: 7.346 min  
Delta R.T.: 0.006 min  
Response: 466633557  
Conc: 53.80 ng/ml



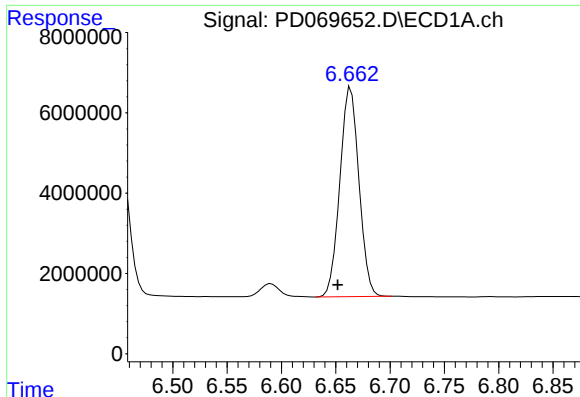
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.013 min  
Response: 46834245  
Conc: 50.74 ng/ml



#18 Endrin aldehyde

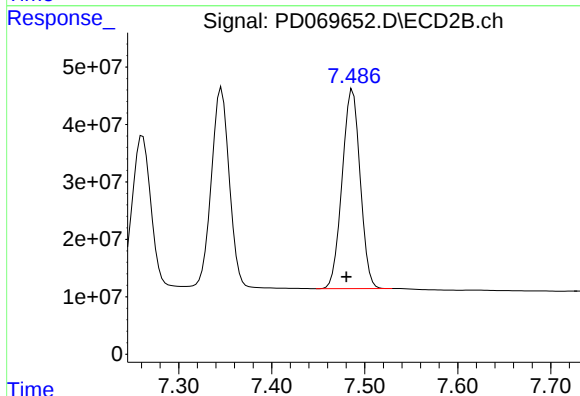
R.T.: 7.261 min  
Delta R.T.: 0.006 min  
Response: 372091135  
Conc: 53.82 ng/ml



#19 Endosulfan Sulfate

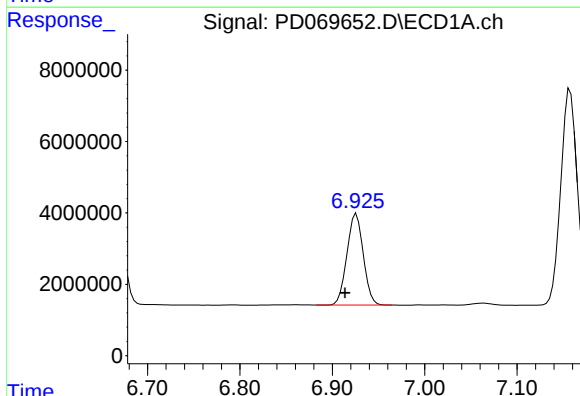
R.T.: 6.664 min  
Delta R.T.: 0.012 min  
Response: 63797436  
Conc: 52.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



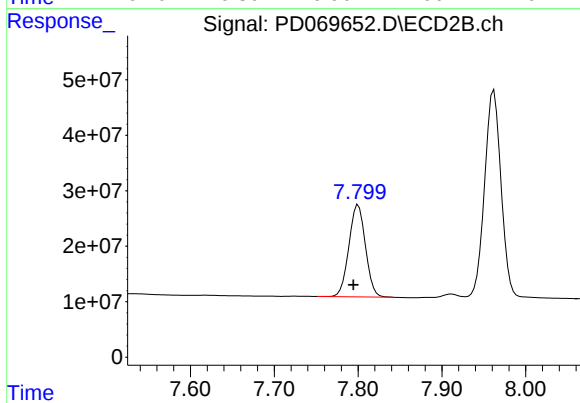
#19 Endosulfan Sulfate

R.T.: 7.487 min  
Delta R.T.: 0.007 min  
Response: 467854509  
Conc: 54.81 ng/ml



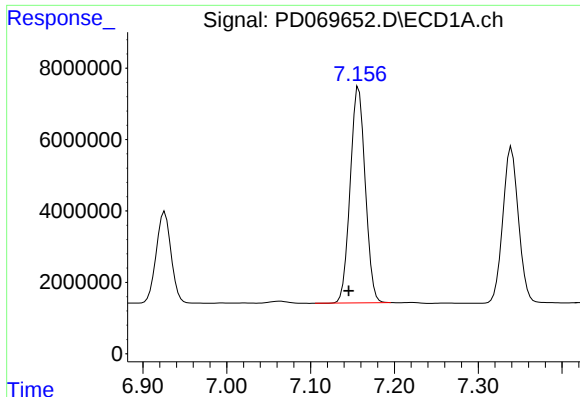
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: 0.013 min  
Response: 31461839  
Conc: 49.53 ng/ml



#20 Methoxychlor

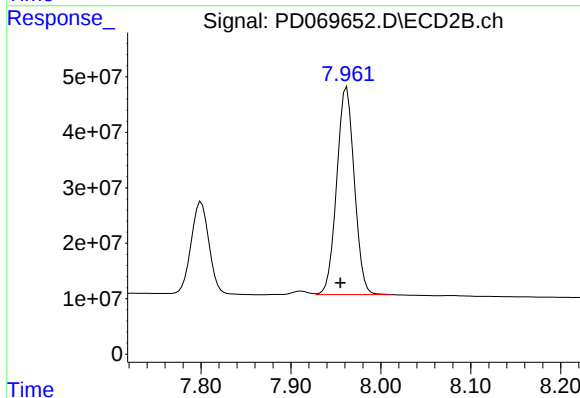
R.T.: 7.800 min  
Delta R.T.: 0.006 min  
Response: 228513928  
Conc: 53.01 ng/ml



#21 Endrin ketone

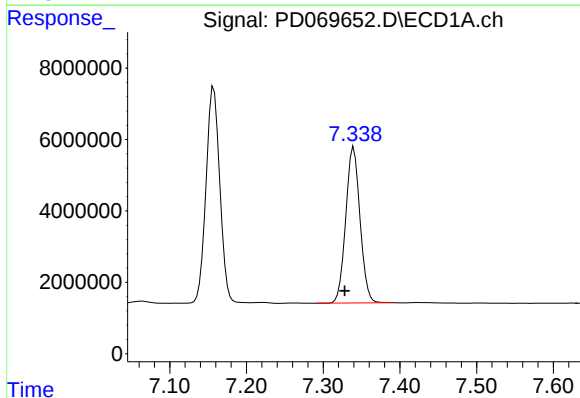
R.T.: 7.157 min  
Delta R.T.: 0.012 min  
Response: 75660465  
Conc: 53.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



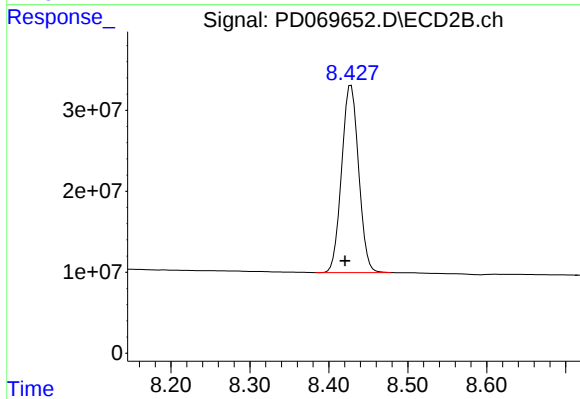
#21 Endrin ketone

R.T.: 7.962 min  
Delta R.T.: 0.007 min  
Response: 508589519  
Conc: 56.25 ng/ml



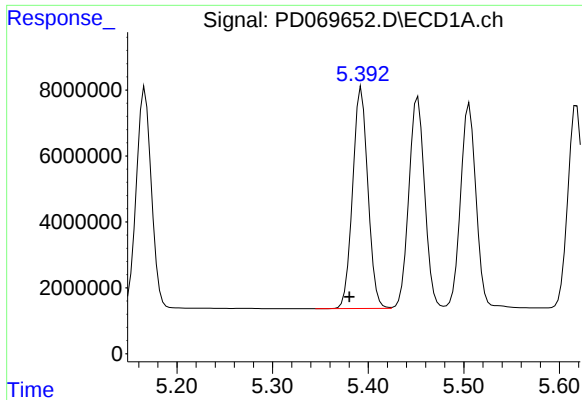
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.012 min  
Response: 56735652  
Conc: 49.87 ng/ml



#22 Mirex

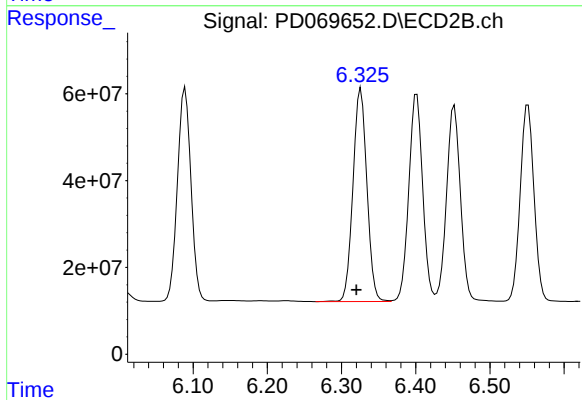
R.T.: 8.428 min  
Delta R.T.: 0.008 min  
Response: 346638383  
Conc: 53.77 ng/ml



#25 Chlordane-3

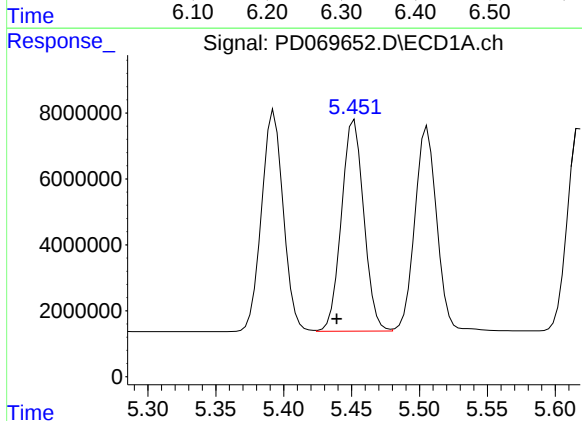
R.T.: 5.393 min  
Delta R.T.: 0.012 min  
Response: 74538957  
Conc: 547.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



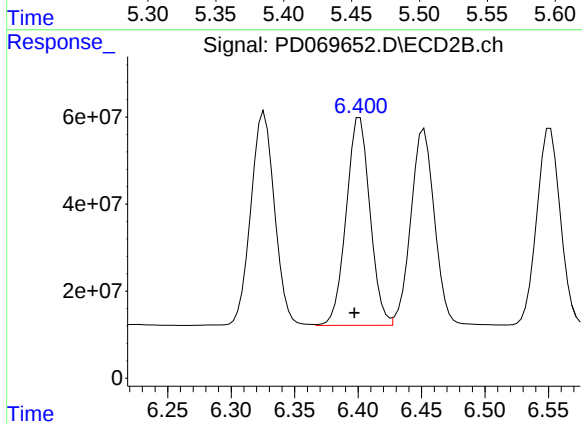
#25 Chlordane-3

R.T.: 6.326 min  
Delta R.T.: 0.006 min  
Response: 639524751  
Conc: 392.84 ng/ml



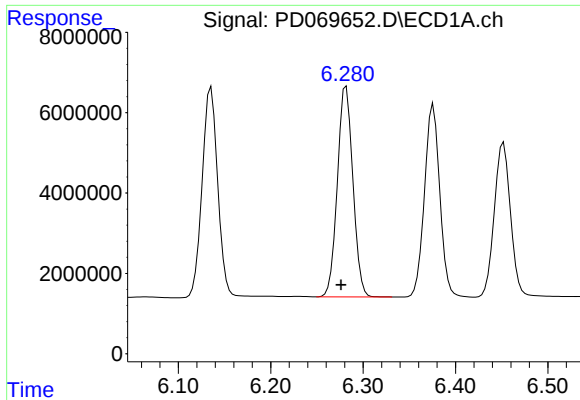
#26 Chlordane-4

R.T.: 5.452 min  
Delta R.T.: 0.013 min  
Response: 73522583  
Conc: 643.07 ng/ml



#26 Chlordane-4

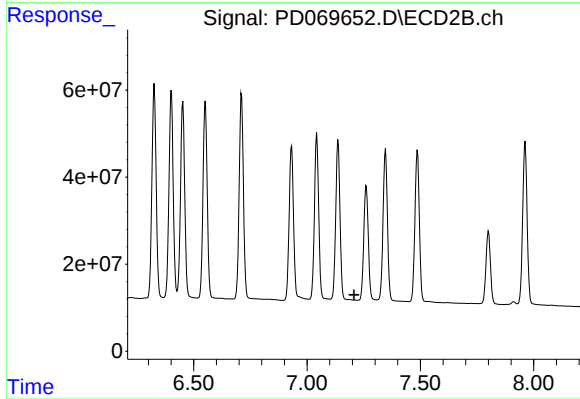
R.T.: 6.401 min  
Delta R.T.: 0.004 min  
Response: 621536586  
Conc: 327.82 ng/ml



#27 Chlordane-5

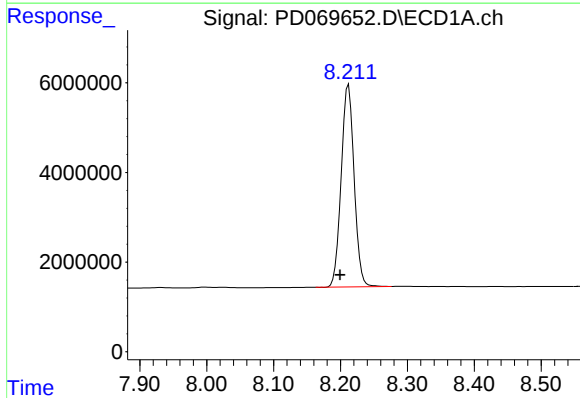
R.T.: 6.282 min  
Delta R.T.: 0.005 min  
Response: 61159495  
Conc: 1352.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



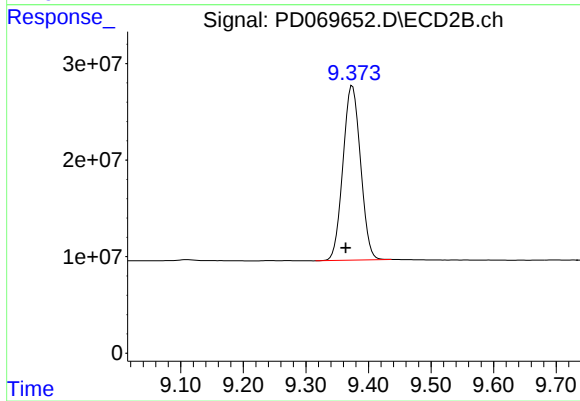
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.208 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.212 min  
Delta R.T.: 0.013 min  
Response: 60813122  
Conc: 48.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.374 min  
Delta R.T.: 0.010 min  
Response: 353641612  
Conc: 54.04 ng/ml