

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
 Data File : PD072601.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 19:04  
 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: Oct 24 22:48:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 04:17:06 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... | 2.706 | 3.466 | 129.2E6  | 1897.6E6 | 51.837 | 57.059 |
| 28)                         | SA Decachlor... | 7.838 | 8.921 | 97285634 | 463.4E6  | 43.224 | 51.507 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.210 | 3.931 | 218.6E6  | 2534.7E6 | 55.523 | 55.356 |
| 3)                          | MA gamma-BHC... | 3.541 | 4.265 | 196.8E6  | 1973.2E6 | 60.323 | 53.617 |
| 4)                          | MA Heptachlor   | 3.873 | 4.831 | 195.4E6  | 1341.0E6 | 54.629 | 51.280 |
| 5)                          | MB Aldrin       | 4.152 | 5.170 | 188.4E6  | 1115.4E6 | 54.552 | 52.892 |
| 6)                          | B beta-BHC      | 3.842 | 4.480 | 79905571 | 753.5E6  | 57.172 | 53.010 |
| 7)                          | B delta-BHC     | 4.072 | 4.724 | 197.8E6  | 1525.7E6 | 55.598 | 53.865 |
| 8)                          | B Heptachlo...  | 4.657 | 5.602 | 164.8E6  | 934.1E6  | 53.693 | 53.685 |
| 9)                          | A Endosulfan I  | 5.026 | 5.986 | 154.3E6  | 817.8E6  | 53.543 | 53.603 |
| 10)                         | B gamma-Chl...  | 4.906 | 5.856 | 169.5E6  | 884.7E6  | 53.481 | 53.699 |
| 11)                         | B alpha-Chl...  | 4.970 | 5.931 | 165.4E6  | 858.5E6  | 53.309 | 53.193 |
| 12)                         | B 4,4'-DDE      | 5.158 | 6.104 | 159.5E6  | 831.4E6  | 53.383 | 54.327 |
| 13)                         | MA Dieldrin     | 5.293 | 6.263 | 161.0E6  | 843.2E6  | 52.685 | 53.363 |
| 14)                         | MA Endrin       | 5.569 | 6.495 | 131.3E6  | 662.8E6  | 48.360 | 49.626 |
| 15)                         | B Endosulfa...  | 5.867 | 6.725 | 121.8E6  | 635.3E6  | 49.805 | 51.683 |
| 16)                         | A 4,4'-DDD      | 5.716 | 6.629 | 124.4E6  | 668.5E6  | 50.682 | 54.253 |
| 17)                         | MA 4,4'-DDT     | 5.965 | 6.937 | 113.0E6  | 627.8E6  | 48.256 | 52.660 |
| 18)                         | B Endrin al...  | 6.049 | 6.856 | 94608657 | 512.9E6  | 48.102 | 53.142 |
| 19)                         | B Endosulfa...  | 6.273 | 7.089 | 122.3E6  | 591.3E6  | 48.644 | 52.163 |
| 20)                         | A Methoxychlor  | 6.548 | 7.417 | 60508909 | 296.9E6  | 44.979 | 50.136 |
| 21)                         | B Endrin ke...  | 6.783 | 7.579 | 141.2E6  | 641.8E6  | 47.282 | 51.433 |
| 22)                         | Mirex           | 6.947 | 8.026 | 95693787 | 410.2E6  | 44.988 | 49.348 |
| -----                       |                 |       |       |          |          |        |        |

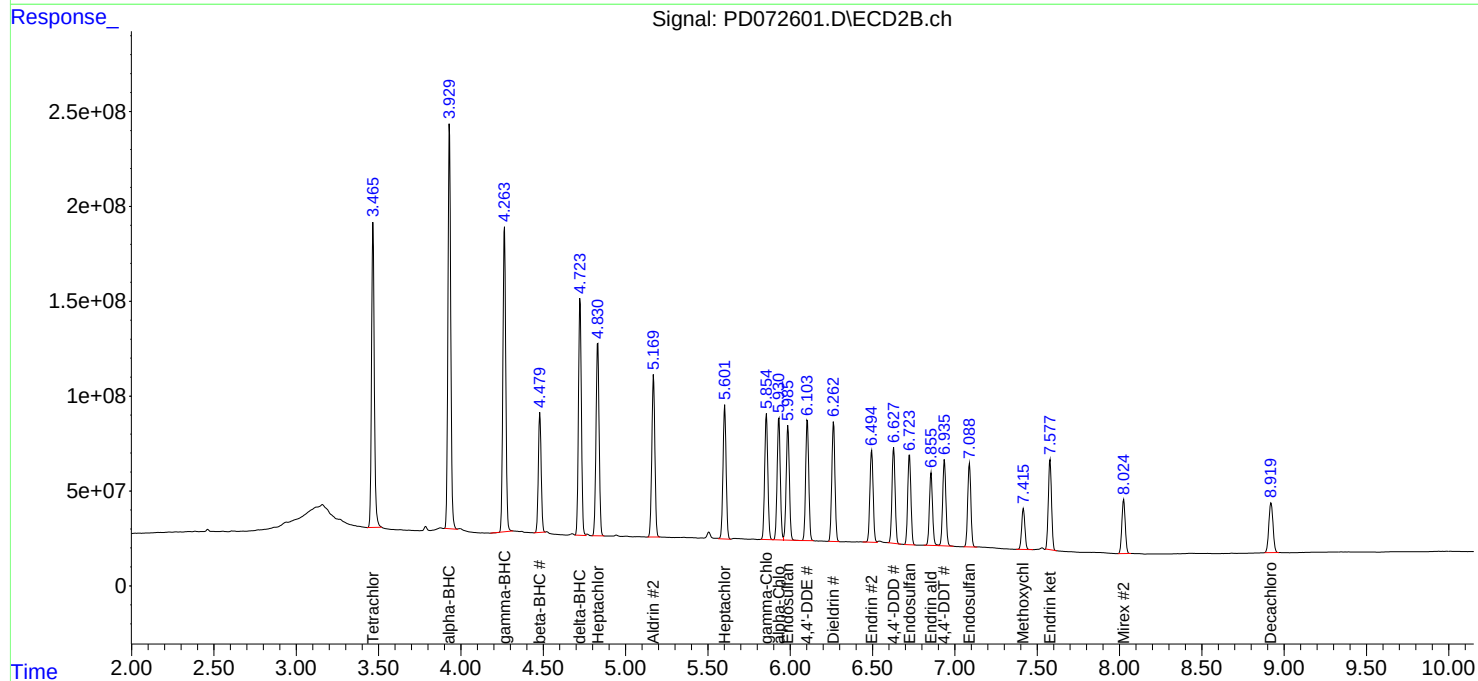
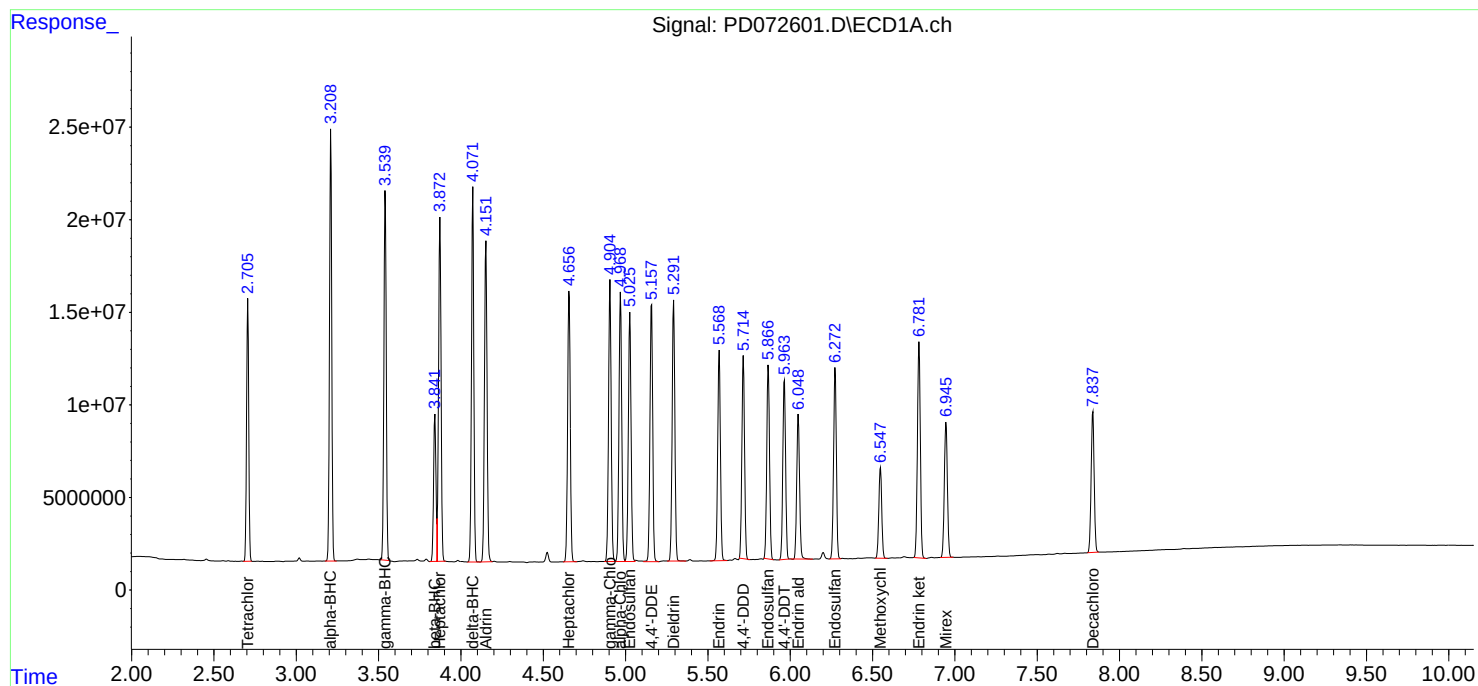
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

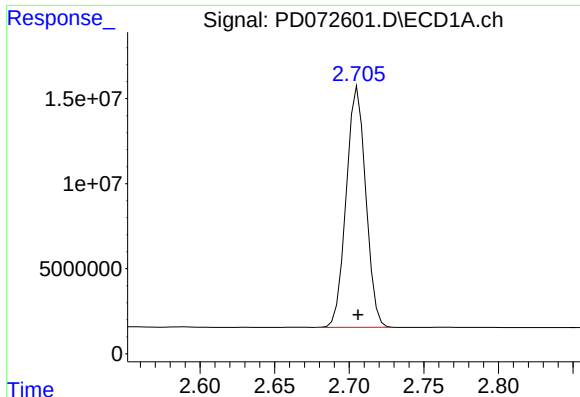
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
Data File : PD072601.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 19:04  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 22:48:41 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 04:17:06 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

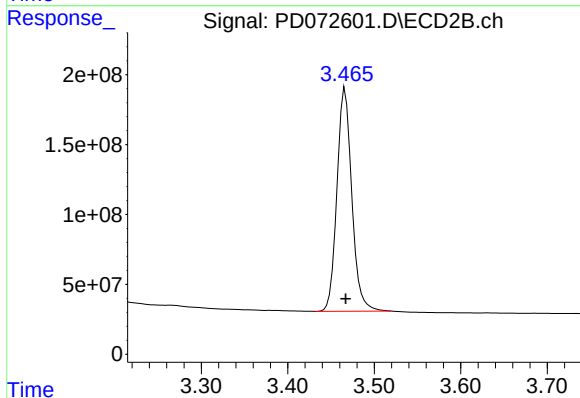




#1 Tetrachloro-m-xylene

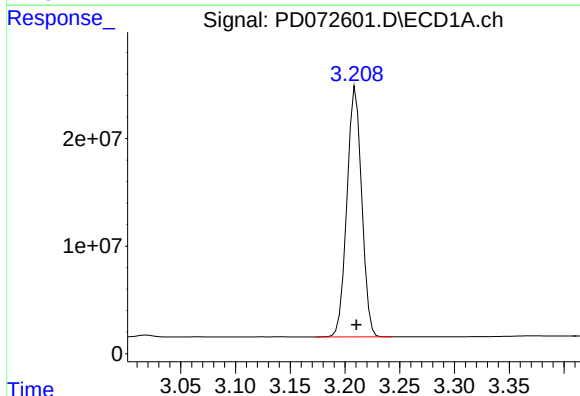
R.T.: 2.706 min  
Delta R.T.: 0.000 min  
Response: 129157756  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



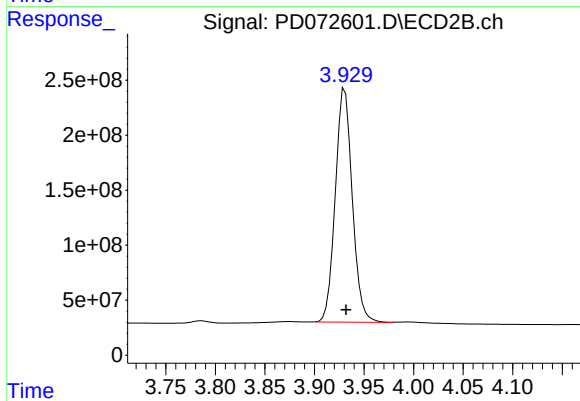
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 1897609896  
Conc: 57.06 ng/ml



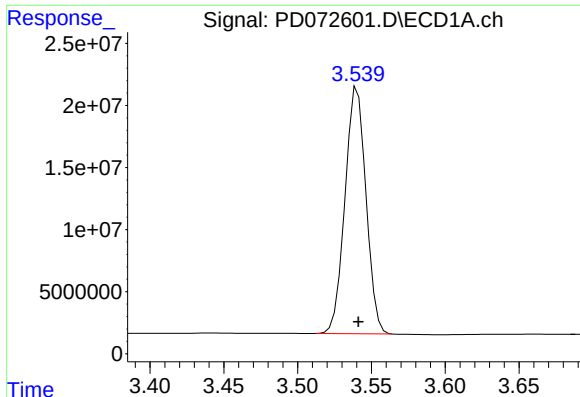
#2 alpha-BHC

R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 218643678  
Conc: 55.52 ng/ml



#2 alpha-BHC

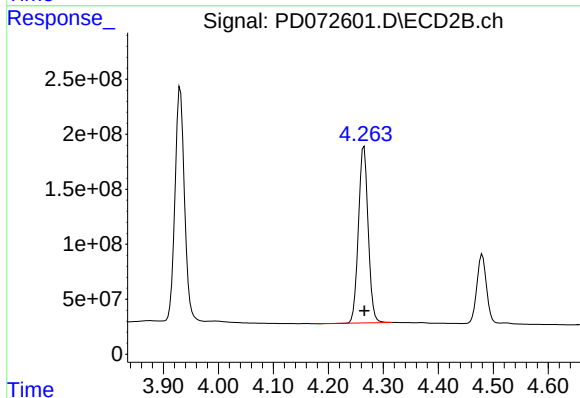
R.T.: 3.931 min  
Delta R.T.: -0.001 min  
Response: 2534699898  
Conc: 55.36 ng/ml



#3 gamma-BHC (Lindane)

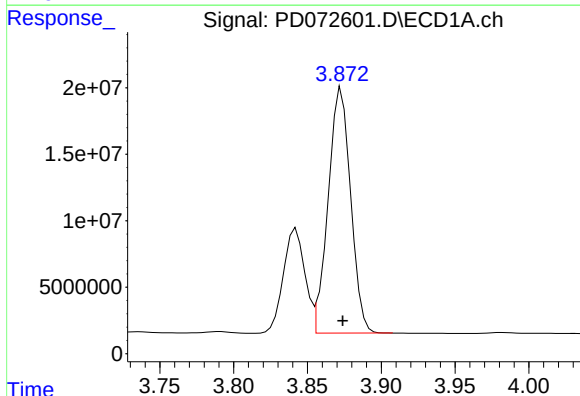
R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 196804782  
Conc: 60.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



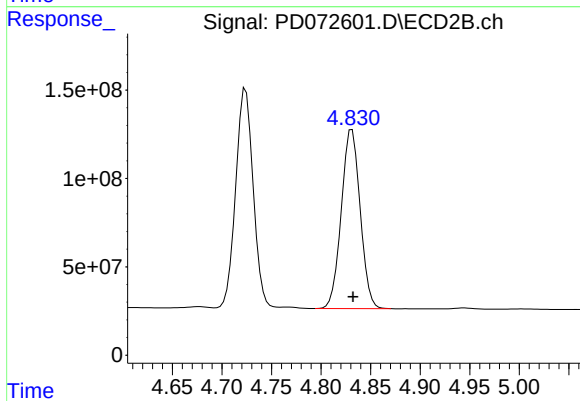
#3 gamma-BHC (Lindane)

R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 1973241245  
Conc: 53.62 ng/ml



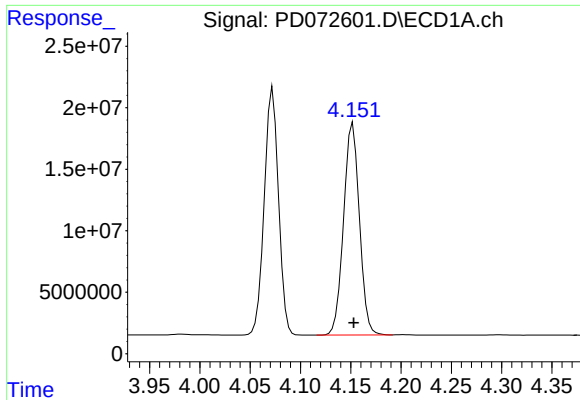
#4 Heptachlor

R.T.: 3.873 min  
Delta R.T.: 0.000 min  
Response: 195446547  
Conc: 54.63 ng/ml



#4 Heptachlor

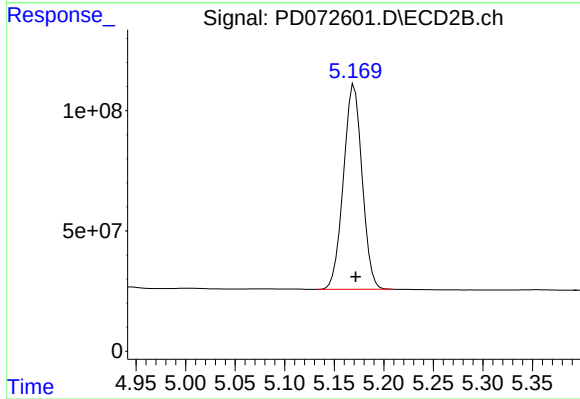
R.T.: 4.831 min  
Delta R.T.: -0.001 min  
Response: 1340985696  
Conc: 51.28 ng/ml



#5 Aldrin

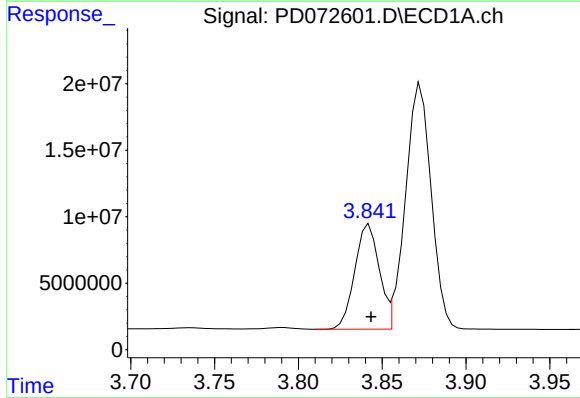
R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 188374612  
Conc: 54.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



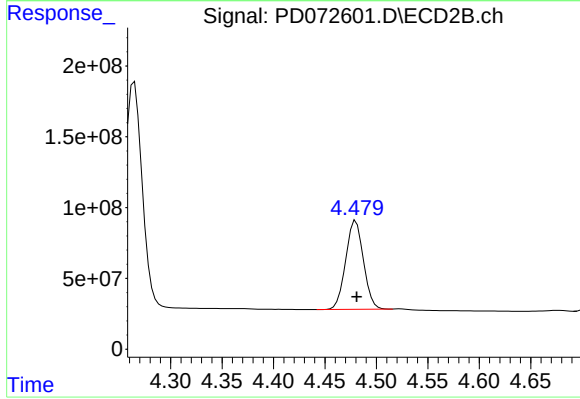
#5 Aldrin

R.T.: 5.170 min  
Delta R.T.: -0.002 min  
Response: 1115402828  
Conc: 52.89 ng/ml



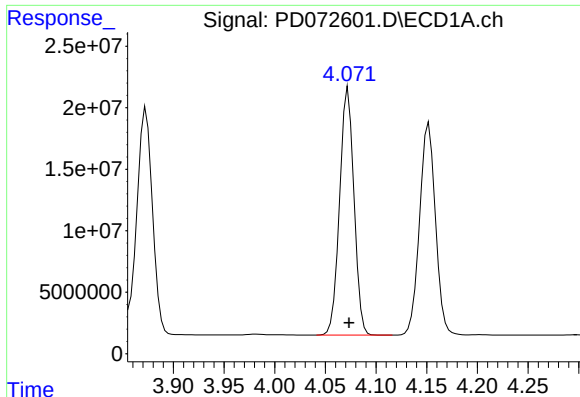
#6 beta-BHC

R.T.: 3.842 min  
Delta R.T.: 0.000 min  
Response: 79905571  
Conc: 57.17 ng/ml



#6 beta-BHC

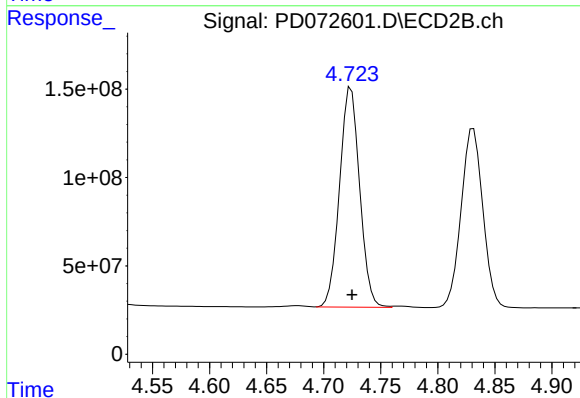
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 753480338  
Conc: 53.01 ng/ml



#7 delta-BHC

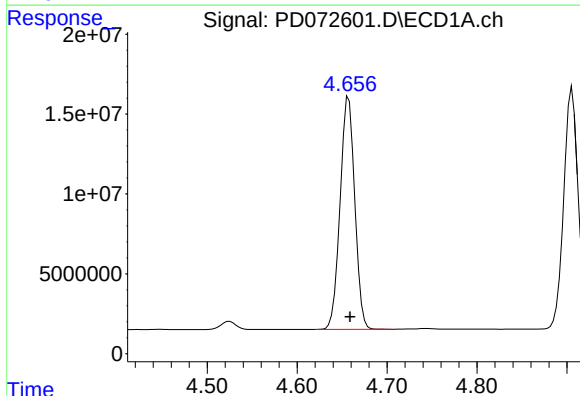
R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 197819450  
Conc: 55.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



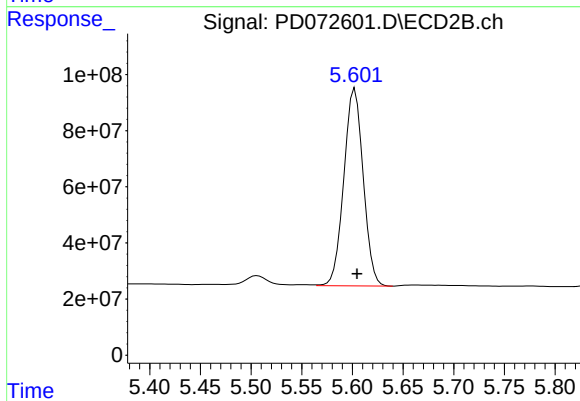
#7 delta-BHC

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 1525670075  
Conc: 53.87 ng/ml



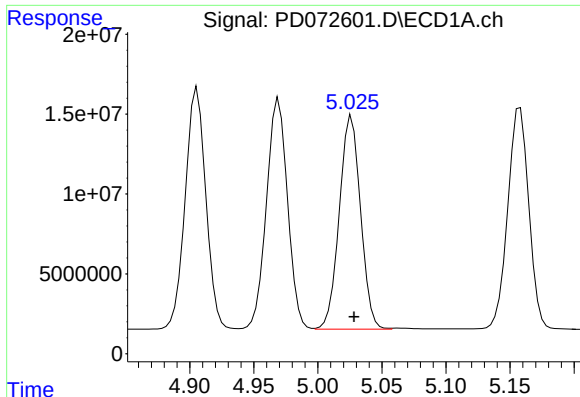
#8 Heptachlor epoxide

R.T.: 4.657 min  
Delta R.T.: -0.001 min  
Response: 164836410  
Conc: 53.69 ng/ml



#8 Heptachlor epoxide

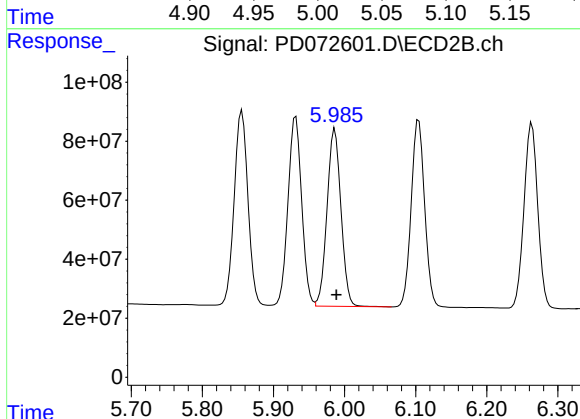
R.T.: 5.602 min  
Delta R.T.: -0.002 min  
Response: 934121807  
Conc: 53.69 ng/ml



#9 Endosulfan I

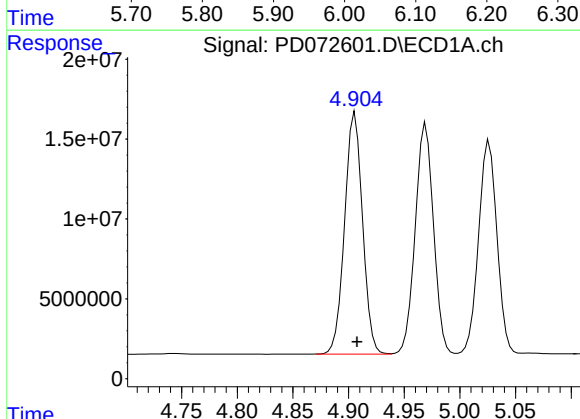
R.T.: 5.026 min  
Delta R.T.: -0.002 min  
Response: 154264967  
Conc: 53.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



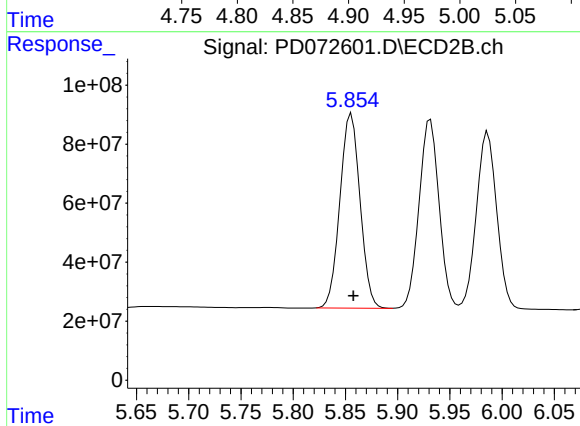
#9 Endosulfan I

R.T.: 5.986 min  
Delta R.T.: -0.002 min  
Response: 817762402  
Conc: 53.60 ng/ml



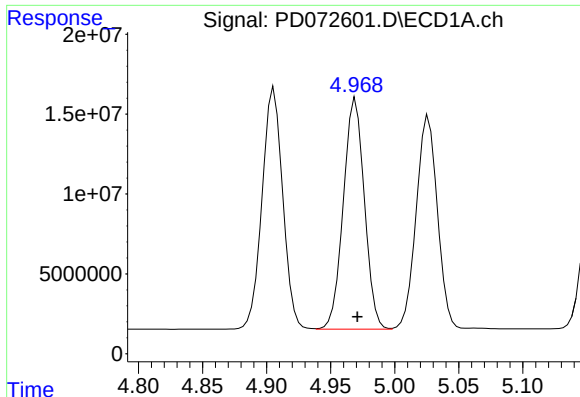
#10 gamma-Chlordane

R.T.: 4.906 min  
Delta R.T.: -0.002 min  
Response: 169539958  
Conc: 53.48 ng/ml



#10 gamma-Chlordane

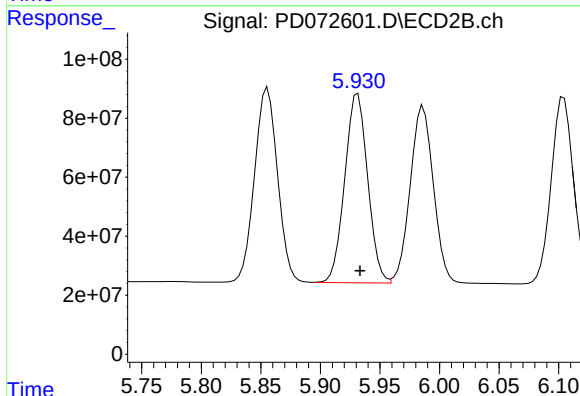
R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 884701195  
Conc: 53.70 ng/ml



#11 alpha-Chlordane

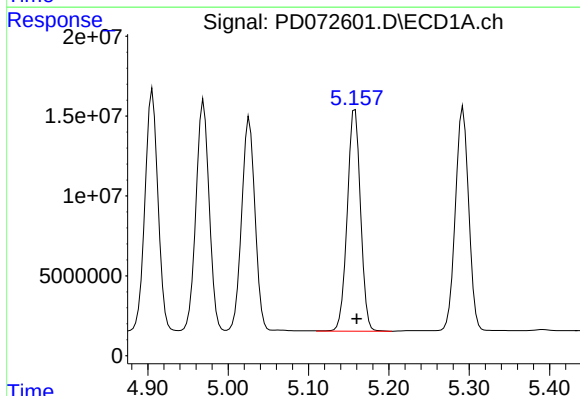
R.T.: 4.970 min  
Delta R.T.: -0.001 min  
Response: 165384128  
Conc: 53.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



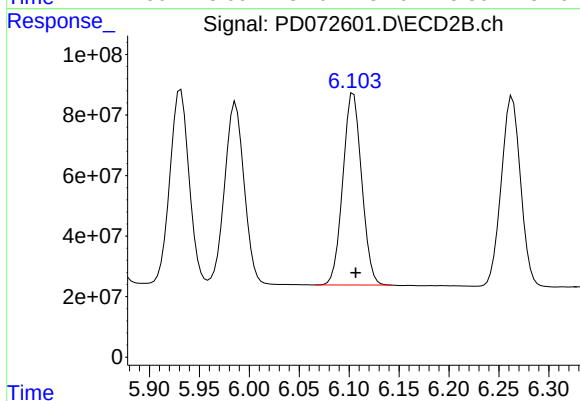
#11 alpha-Chlordane

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 858471159  
Conc: 53.19 ng/ml



#12 4,4'-DDE

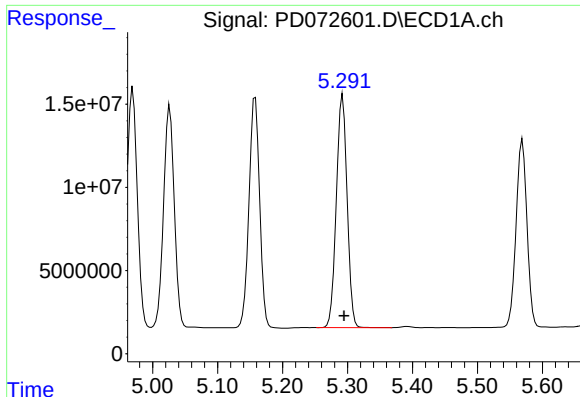
R.T.: 5.158 min  
Delta R.T.: -0.002 min  
Response: 159472618  
Conc: 53.38 ng/ml



#12 4,4'-DDE

R.T.: 6.104 min  
Delta R.T.: -0.002 min  
Response: 831399085  
Conc: 54.33 ng/ml

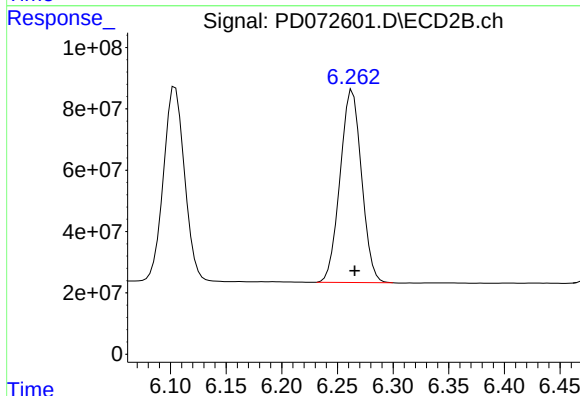




#13 Dieldrin

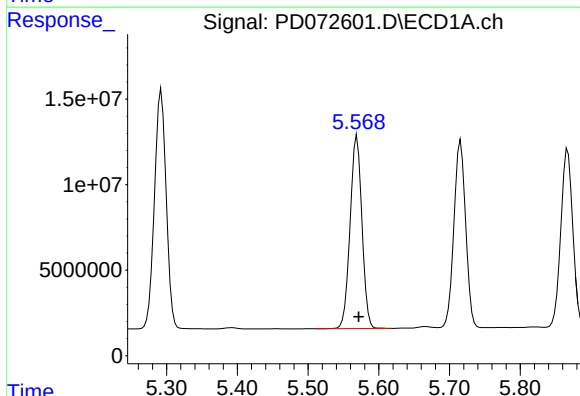
R.T.: 5.293 min  
Delta R.T.: -0.002 min  
Response: 160986298  
Conc: 52.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



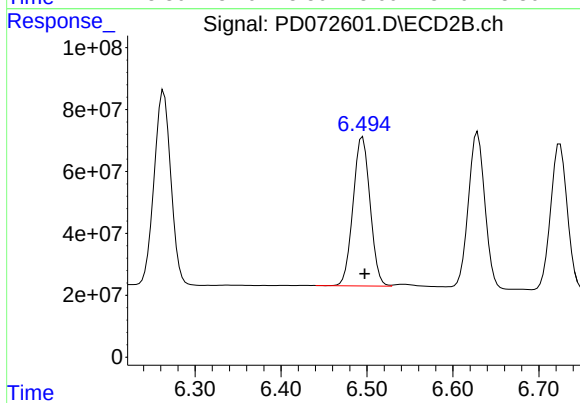
#13 Dieldrin

R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 843249041  
Conc: 53.36 ng/ml



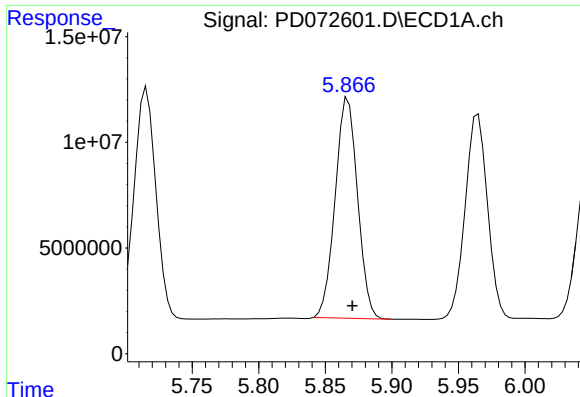
#14 Endrin

R.T.: 5.569 min  
Delta R.T.: -0.003 min  
Response: 131307209  
Conc: 48.36 ng/ml



#14 Endrin

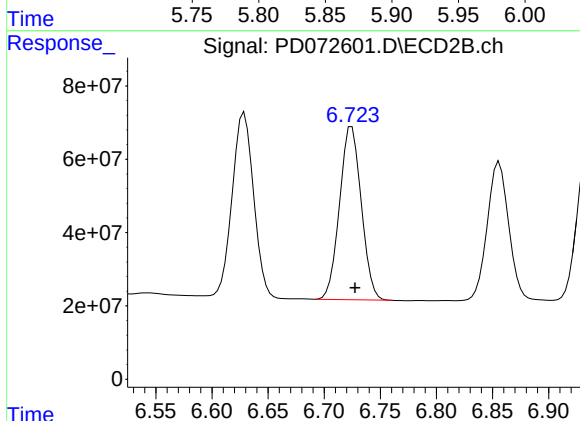
R.T.: 6.495 min  
Delta R.T.: -0.002 min  
Response: 662778515  
Conc: 49.63 ng/ml



#15 Endosulfan II

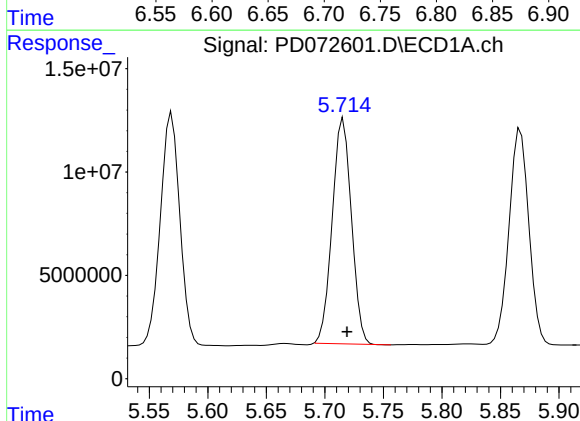
R.T.: 5.867 min  
Delta R.T.: -0.003 min  
Response: 121781911  
Conc: 49.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



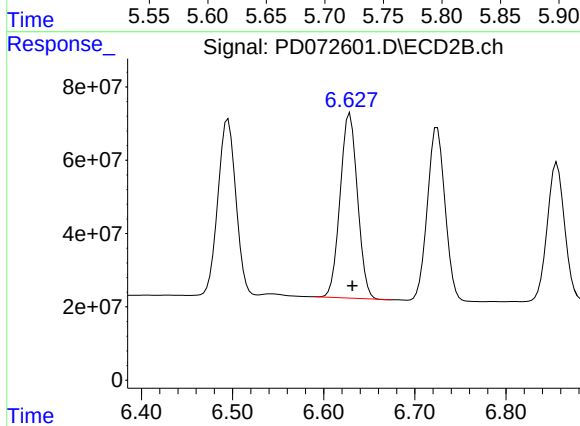
#15 Endosulfan II

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 635280634  
Conc: 51.68 ng/ml



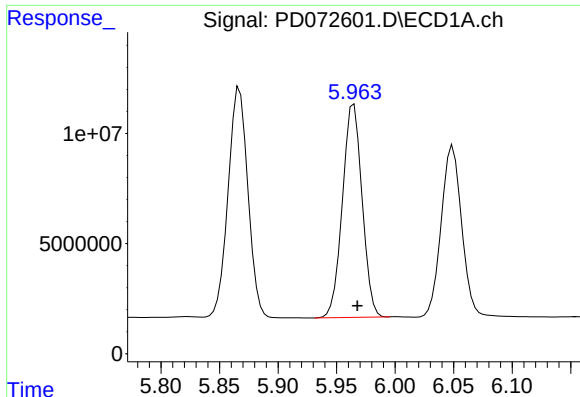
#16 4,4'-DDD

R.T.: 5.716 min  
Delta R.T.: -0.003 min  
Response: 124361060  
Conc: 50.68 ng/ml



#16 4,4'-DDD

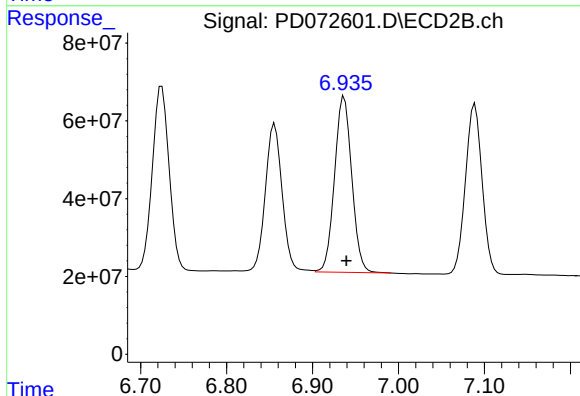
R.T.: 6.629 min  
Delta R.T.: -0.003 min  
Response: 668474283  
Conc: 54.25 ng/ml



#17 4,4'-DDT

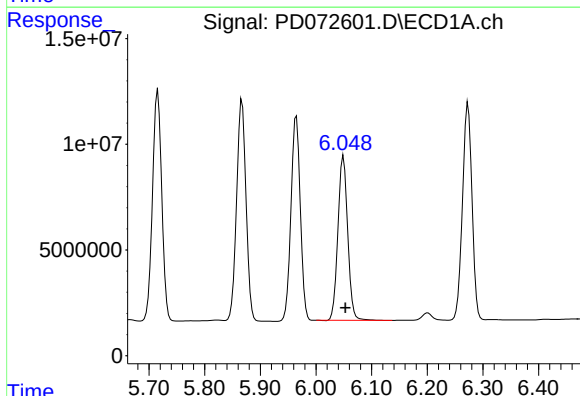
R.T.: 5.965 min  
Delta R.T.: -0.003 min  
Response: 113023168  
Conc: 48.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



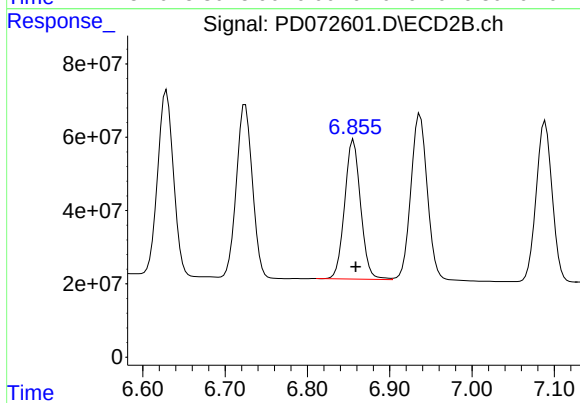
#17 4,4'-DDT

R.T.: 6.937 min  
Delta R.T.: -0.003 min  
Response: 627779107  
Conc: 52.66 ng/ml



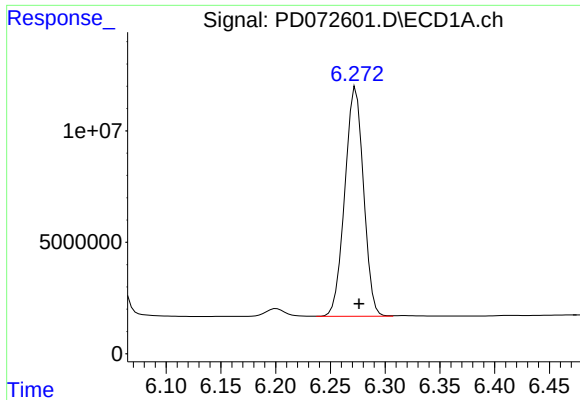
#18 Endrin aldehyde

R.T.: 6.049 min  
Delta R.T.: -0.003 min  
Response: 94608657  
Conc: 48.10 ng/ml



#18 Endrin aldehyde

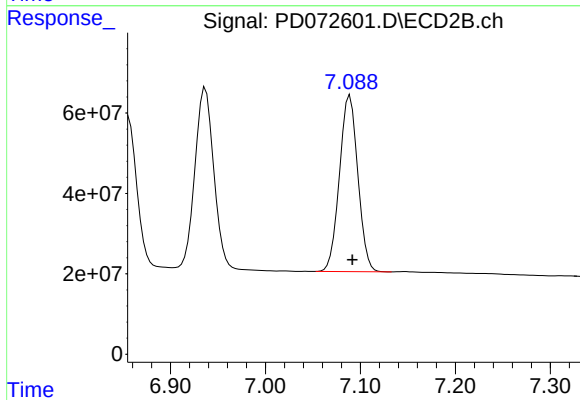
R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: 512914589  
Conc: 53.14 ng/ml



#19 Endosulfan Sulfate

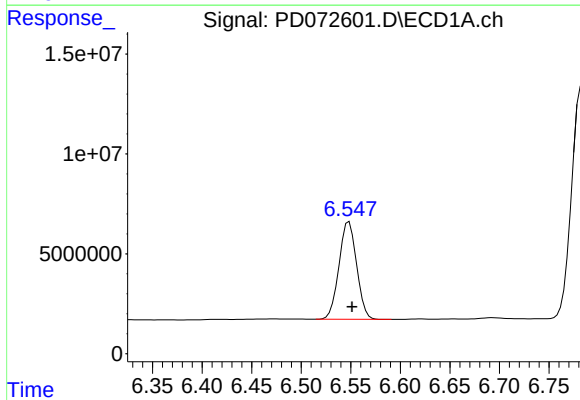
R.T.: 6.273 min  
Delta R.T.: -0.003 min  
Response: 122303438  
Conc: 48.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



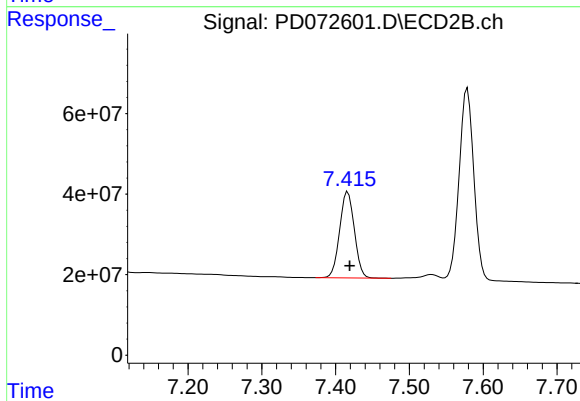
#19 Endosulfan Sulfate

R.T.: 7.089 min  
Delta R.T.: -0.003 min  
Response: 591278325  
Conc: 52.16 ng/ml



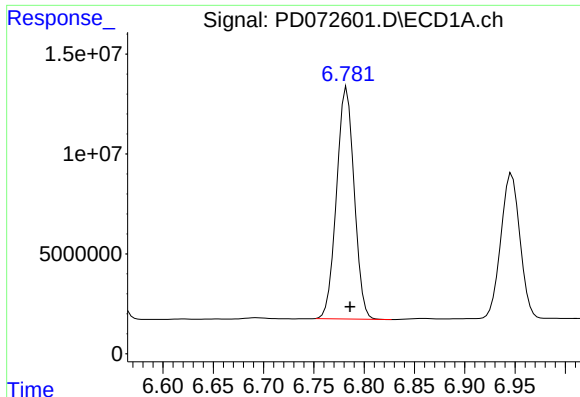
#20 Methoxychlor

R.T.: 6.548 min  
Delta R.T.: -0.003 min  
Response: 60508909  
Conc: 44.98 ng/ml



#20 Methoxychlor

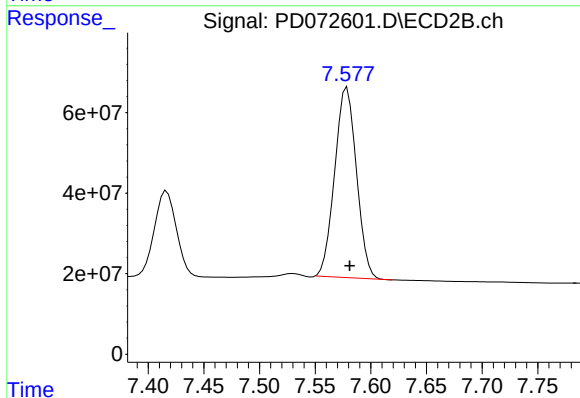
R.T.: 7.417 min  
Delta R.T.: -0.003 min  
Response: 296863617  
Conc: 50.14 ng/ml



#21 Endrin ketone

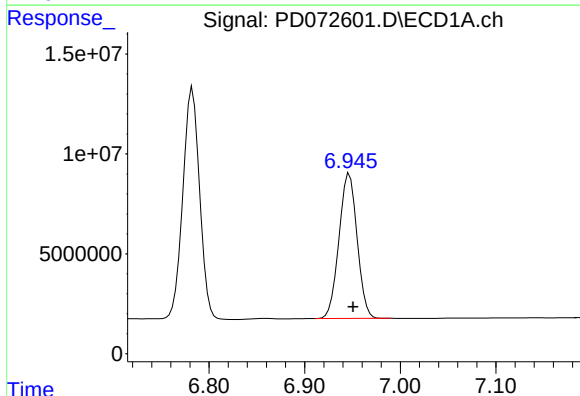
R.T.: 6.783 min  
Delta R.T.: -0.003 min  
Response: 141243697  
Conc: 47.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



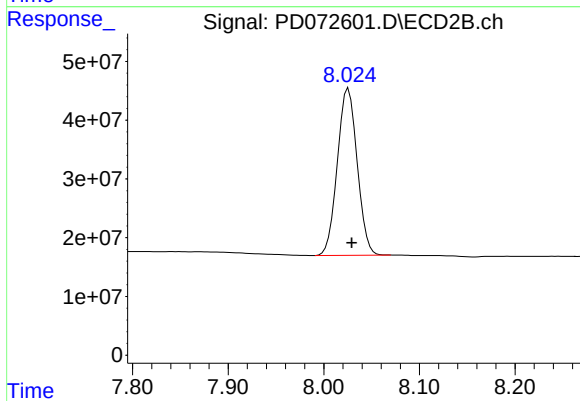
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: -0.002 min  
Response: 641790323  
Conc: 51.43 ng/ml



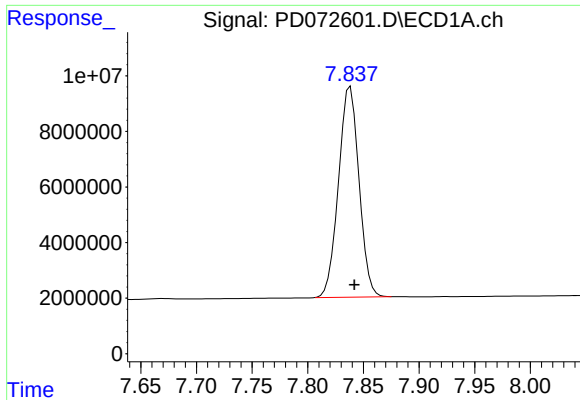
#22 Mirex

R.T.: 6.947 min  
Delta R.T.: -0.004 min  
Response: 95693787  
Conc: 44.99 ng/ml



#22 Mirex

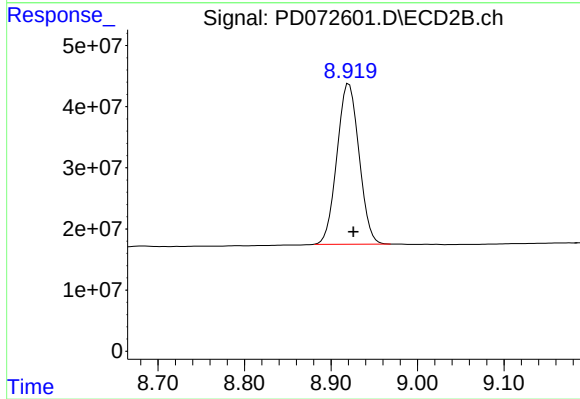
R.T.: 8.026 min  
Delta R.T.: -0.003 min  
Response: 410214683  
Conc: 49.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min  
Delta R.T.: -0.004 min  
Response: 97285634  
Conc: 43.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.921 min  
Delta R.T.: -0.005 min  
Response: 463399403  
Conc: 51.51 ng/ml