

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051522\  
 Data File : PD069636.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2022 16:45  
 Operator : AR\AJ  
 Sample : PB144797BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB144797BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 23:22:41 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... | 3.444 | 4.171 | 26038741 | 245.8E6  | 23.456 | 22.927 |
| 28)                         | SA Decachlor... | 8.197 | 9.363 | 27068820 | 145.9E6  | 21.679 | 22.295 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.882 | 4.567 | 16637533 | 153.3E6  | 10.196 | 9.939  |
| 3)                          | MA gamma-BHC... | 4.165 | 4.857 | 19354787 | 152.0E6  | 11.315 | 10.765 |
| 4)                          | MA Heptachlor   | 4.462 | 5.384 | 17622763 | 158.5E6  | 11.883 | 11.604 |
| 5)                          | MB Aldrin       | 4.710 | 5.697 | 17748870 | 160.4E6  | 12.188 | 12.137 |
| 6)                          | B beta-BHC      | 4.416 | 5.021 | 8598251  | 72289090 | 12.368 | 11.767 |
| 7)                          | B delta-BHC     | 4.619 | 5.246 | 4987061  | 48149929 | 3.362  | 3.590  |
| 8)                          | B Heptachlo...  | 5.153 | 6.084 | 16849329 | 142.5E6  | 12.292 | 12.043 |
| 9)                          | A Endosulfan I  | 5.491 | 6.447 | 15501254 | 127.3E6  | 12.012 | 11.784 |
| 10)                         | B gamma-Chl...  | 5.379 | 6.321 | 17011947 | 140.5E6  | 12.238 | 12.066 |
| 11)                         | B alpha-Chl...  | 5.438 | 6.396 | 16848083 | 136.9E6  | 12.251 | 11.966 |
| 12)                         | B 4,4'-DDE      | 5.603 | 6.545 | 15187143 | 127.7E6  | 12.003 | 11.818 |
| 13)                         | MA Dieldrin     | 5.735 | 6.705 | 16372700 | 132.8E6  | 12.134 | 11.912 |
| 14)                         | MA Endrin       | 5.993 | 6.925 | 14696550 | 107.6E6  | 12.155 | 11.867 |
| 15)                         | B Endosulfa...  | 6.267 | 7.130 | 15124580 | 113.2E6  | 13.070 | 13.087 |
| 16)                         | A 4,4'-DDD      | 6.120 | 7.037 | 13106268 | 102.4E6  | 12.025 | 11.885 |
| 17)                         | MA 4,4'-DDT     | 6.361 | 7.339 | 11425448 | 91323461 | 10.627 | 10.529 |
| 18)                         | B Endrin al...  | 6.437 | 7.254 | 12329213 | 87774053 | 13.358 | 12.697 |
| 19)                         | B Endosulfa...  | 6.649 | 7.479 | 12485579 | 85251457 | 10.322 | 9.987  |
| 20)                         | A Methoxychlor  | 6.910 | 7.792 | 7675858  | 53038699 | 12.083 | 12.303 |
| 21)                         | B Endrin ke...  | 7.142 | 7.954 | 16682337 | 113.5E6  | 11.848 | 12.554 |
| 22)                         | Mirex           | 7.325 | 8.420 | 42655462 | 241.3E6  | 37.495 | 37.428 |
| -----                       |                 |       |       |          |          |        |        |

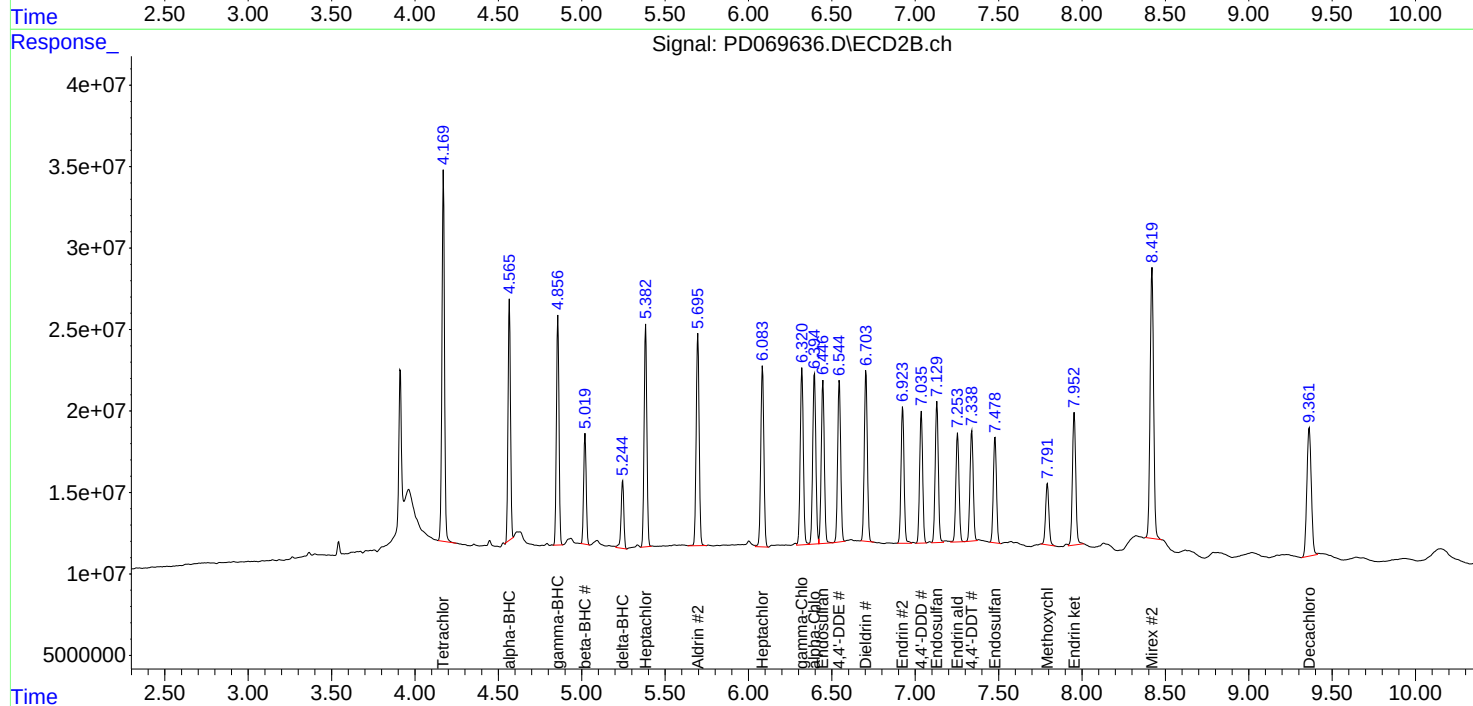
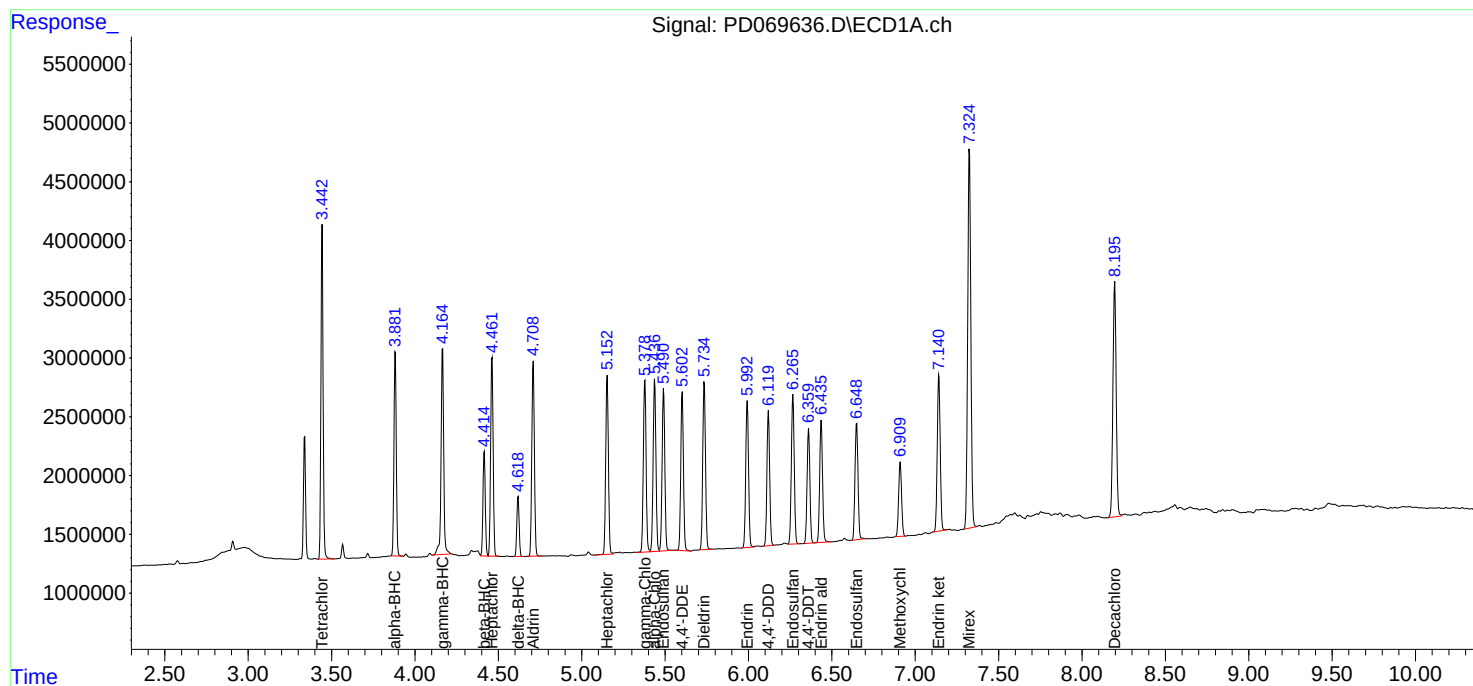
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

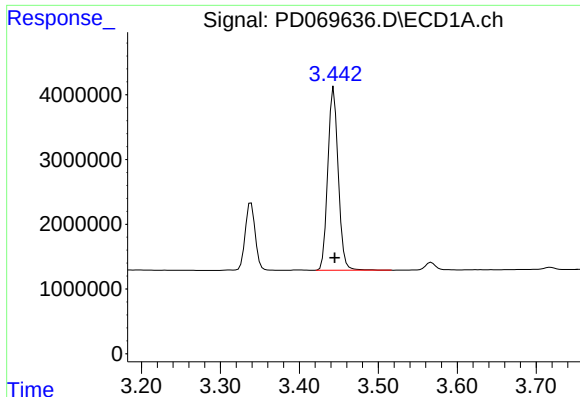
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051522\  
Data File : PD069636.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2022 16:45  
Operator : AR\AJ  
Sample : PB144797BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 23:22:41 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

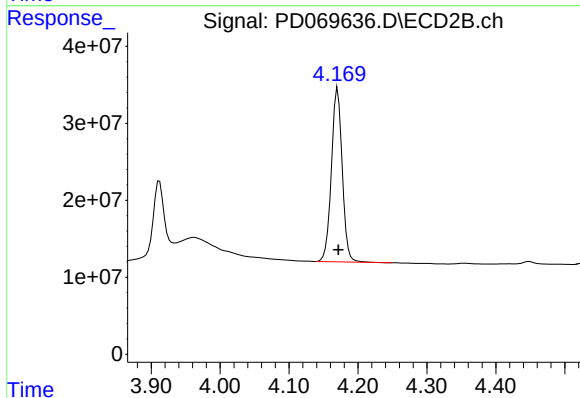




#1 Tetrachloro-m-xylene

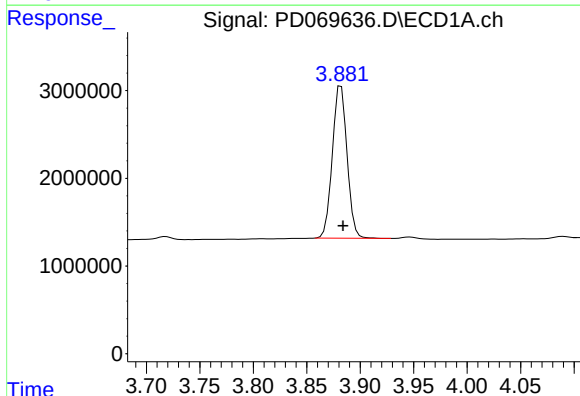
R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 26038741  
Conc: 23.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



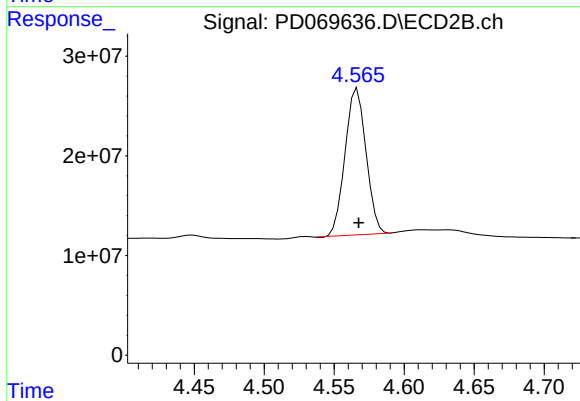
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 245814099  
Conc: 22.93 ng/ml



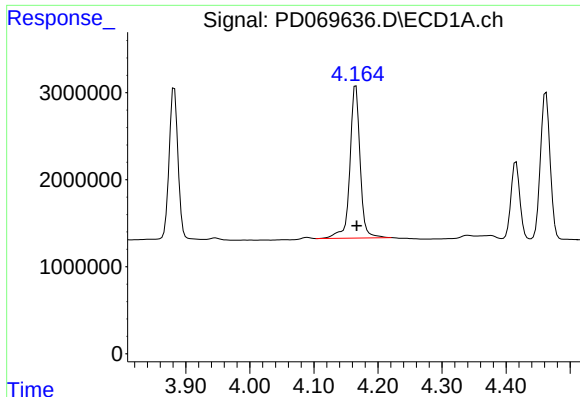
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.002 min  
Response: 16637533  
Conc: 10.20 ng/ml



#2 alpha-BHC

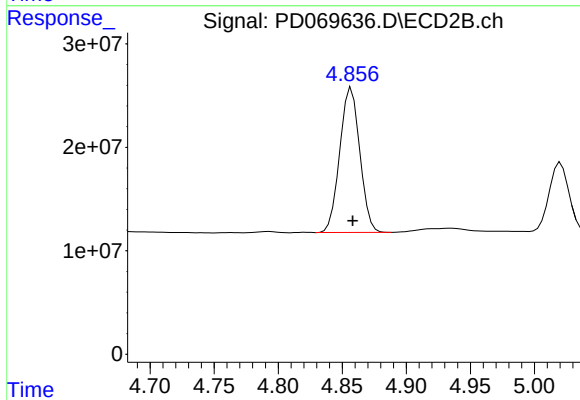
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 153263014  
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

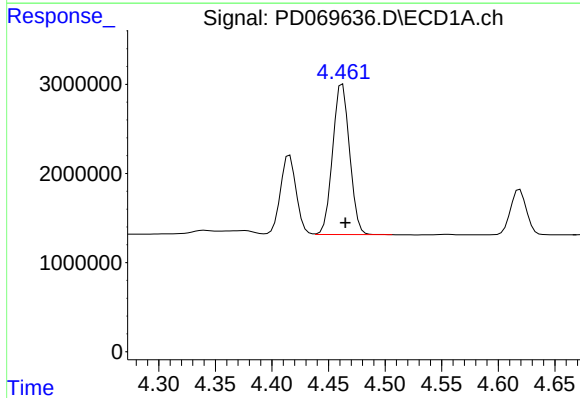
R.T.: 4.165 min  
Delta R.T.: -0.001 min  
Response: 19354787  
Conc: 11.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



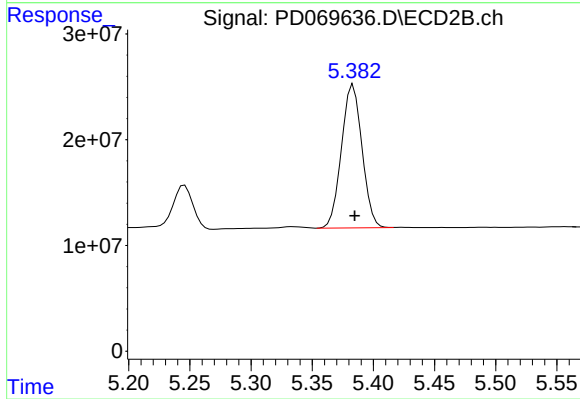
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 152012420  
Conc: 10.77 ng/ml



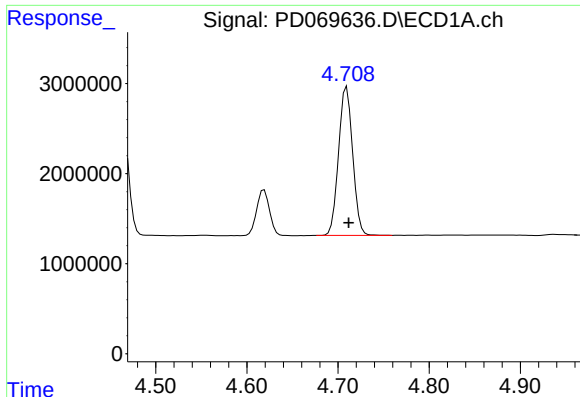
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: -0.002 min  
Response: 17622763  
Conc: 11.88 ng/ml



#4 Heptachlor

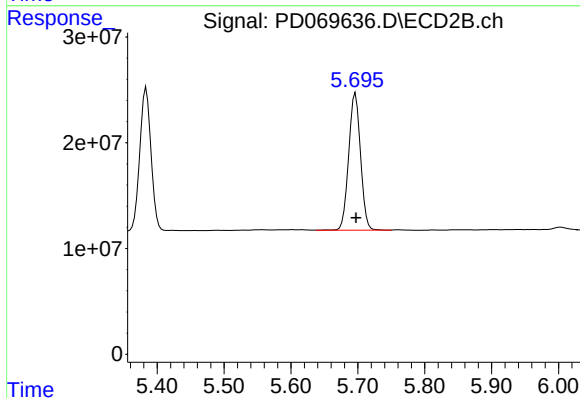
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 158526756  
Conc: 11.60 ng/ml



#5 Aldrin

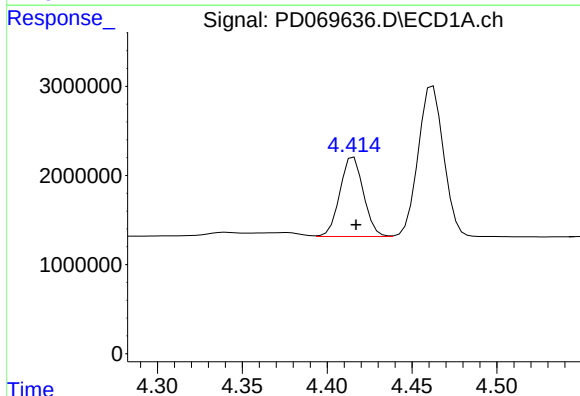
R.T.: 4.710 min  
Delta R.T.: -0.002 min  
Response: 17748870  
Conc: 12.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



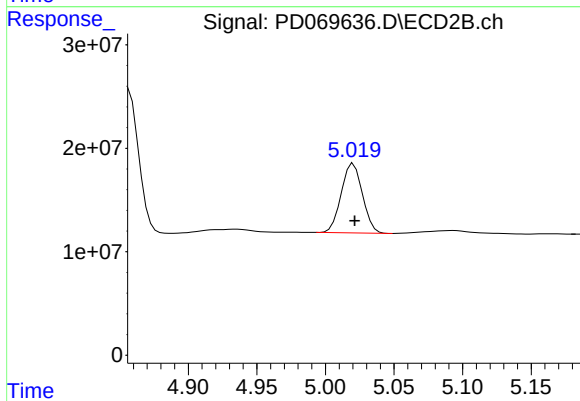
#5 Aldrin

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 160388853  
Conc: 12.14 ng/ml



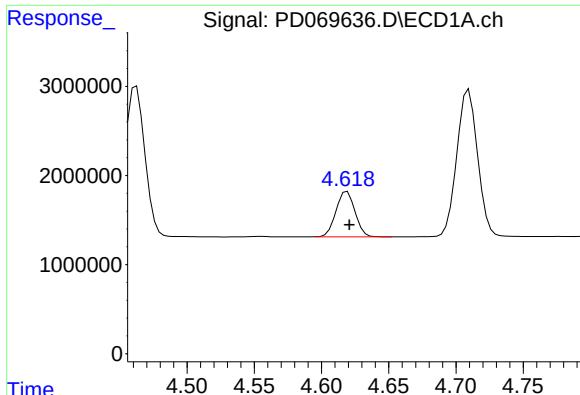
#6 beta-BHC

R.T.: 4.416 min  
Delta R.T.: -0.001 min  
Response: 8598251  
Conc: 12.37 ng/ml



#6 beta-BHC

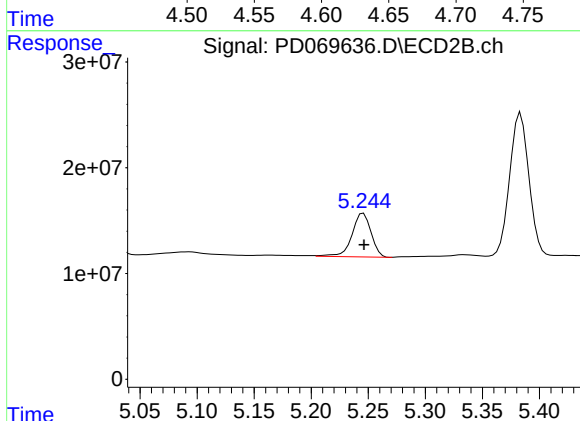
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 72289090  
Conc: 11.77 ng/ml



#7 delta-BHC

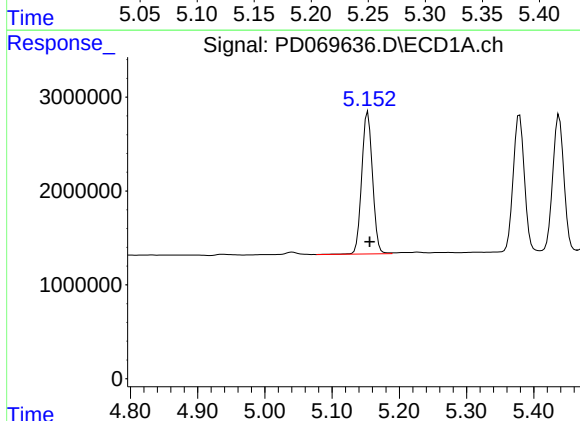
R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 4987061  
Conc: 3.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



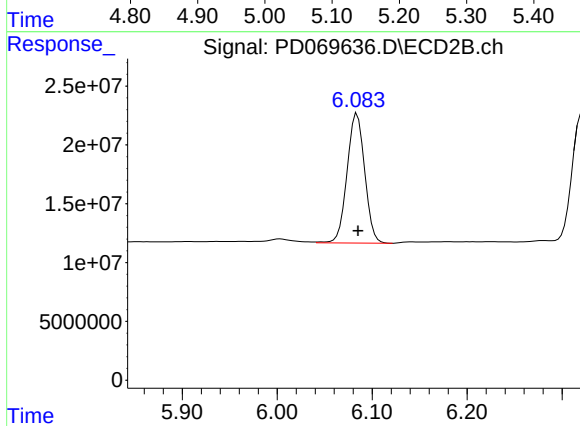
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 48149929  
Conc: 3.59 ng/ml



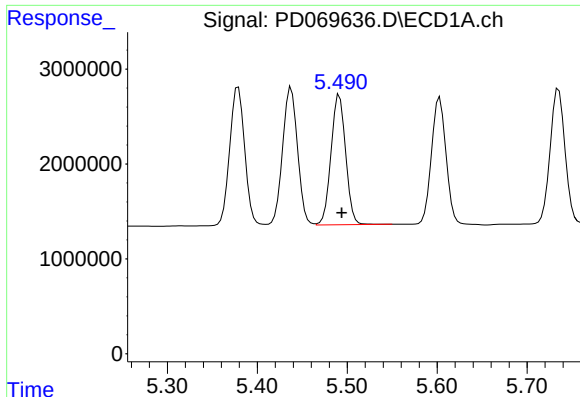
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: -0.003 min  
Response: 16849329  
Conc: 12.29 ng/ml



#8 Heptachlor epoxide

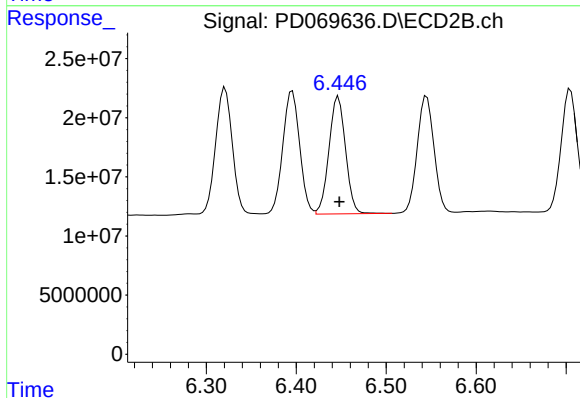
R.T.: 6.084 min  
Delta R.T.: -0.001 min  
Response: 142513509  
Conc: 12.04 ng/ml



#9 Endosulfan I

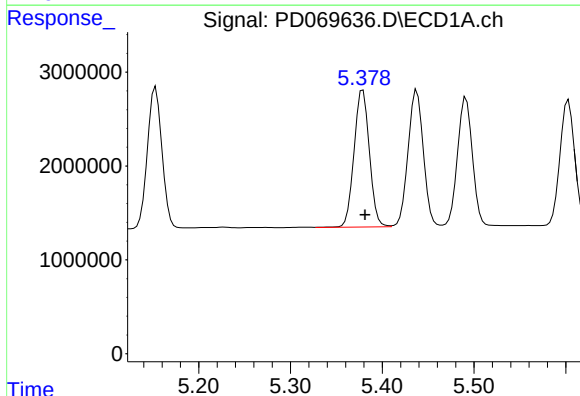
R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 15501254  
Conc: 12.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



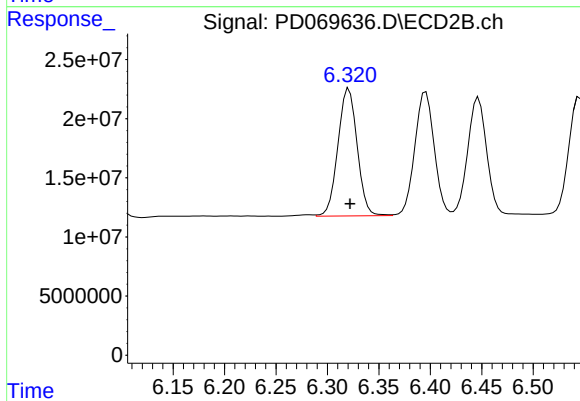
#9 Endosulfan I

R.T.: 6.447 min  
Delta R.T.: -0.001 min  
Response: 127263776  
Conc: 11.78 ng/ml



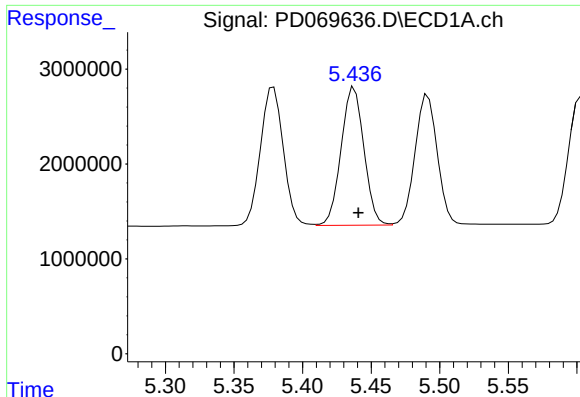
#10 gamma-Chlordane

R.T.: 5.379 min  
Delta R.T.: -0.002 min  
Response: 17011947  
Conc: 12.24 ng/ml



#10 gamma-Chlordane

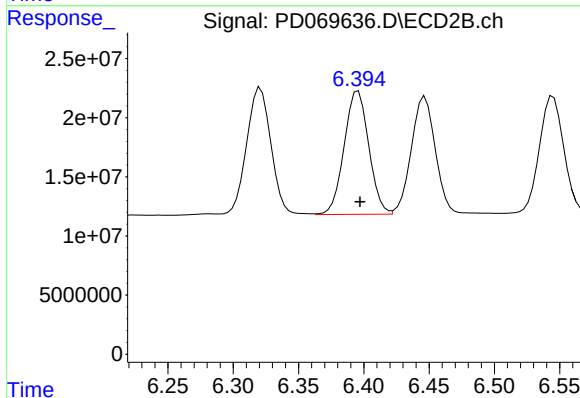
R.T.: 6.321 min  
Delta R.T.: -0.001 min  
Response: 140494653  
Conc: 12.07 ng/ml



#11 alpha-Chlordane

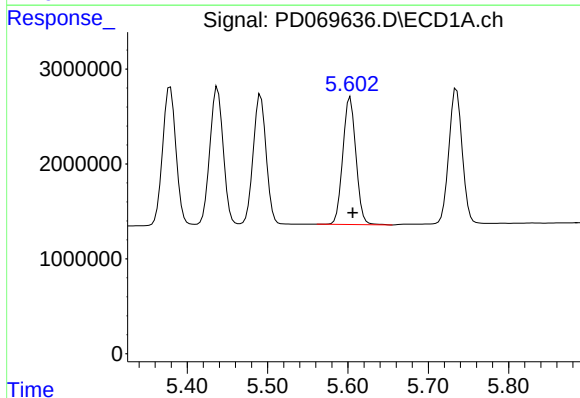
R.T.: 5.438 min  
Delta R.T.: -0.003 min  
Response: 16848083  
Conc: 12.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



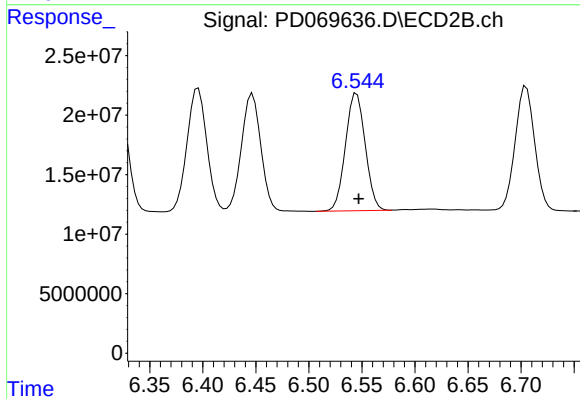
#11 alpha-Chlordane

R.T.: 6.396 min  
Delta R.T.: -0.001 min  
Response: 136858778  
Conc: 11.97 ng/ml



#12 4,4'-DDE

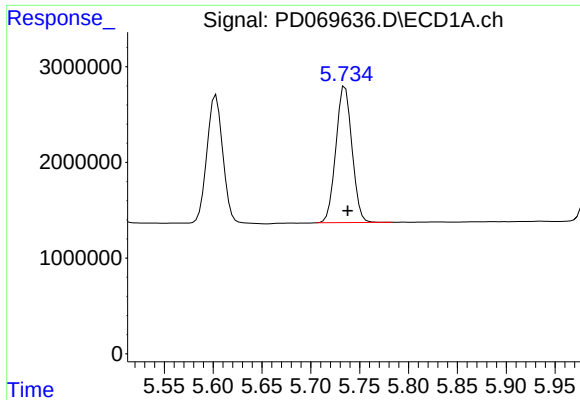
R.T.: 5.603 min  
Delta R.T.: -0.003 min  
Response: 15187143  
Conc: 12.00 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 127666687  
Conc: 11.82 ng/ml

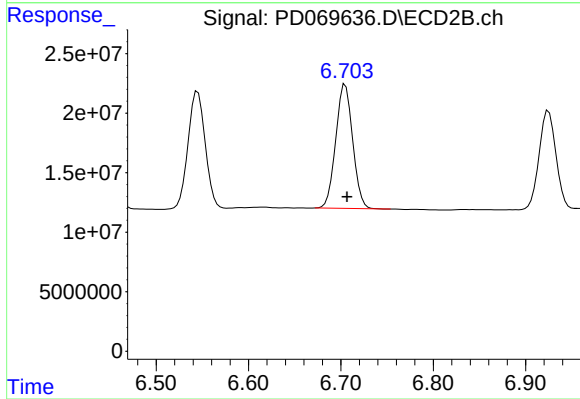




#13 Dieldrin

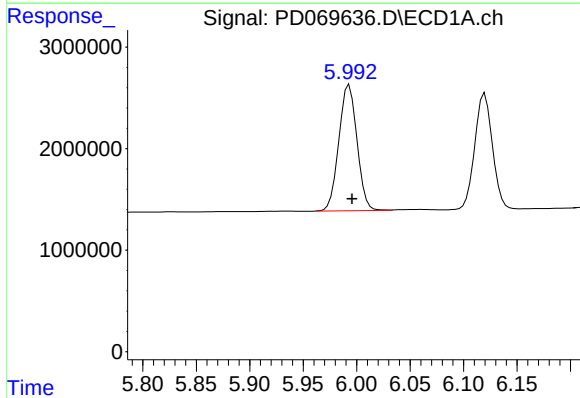
R.T.: 5.735 min  
Delta R.T.: -0.003 min  
Response: 16372700  
Conc: 12.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



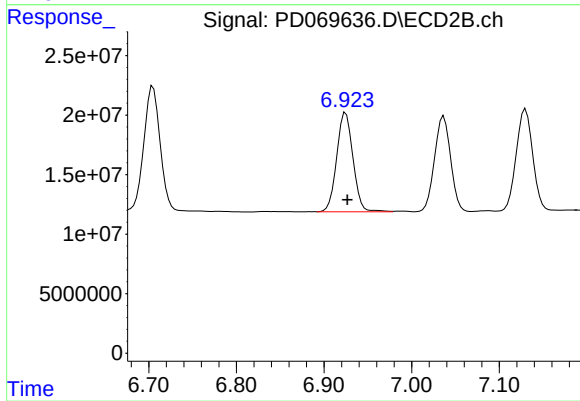
#13 Dieldrin

R.T.: 6.705 min  
Delta R.T.: -0.002 min  
Response: 132790297  
Conc: 11.91 ng/ml



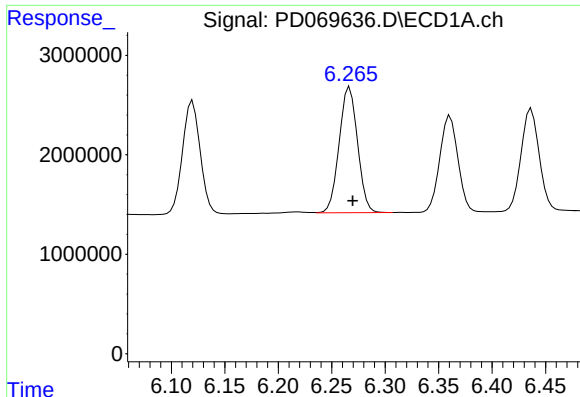
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: -0.003 min  
Response: 14696550  
Conc: 12.16 ng/ml



#14 Endrin

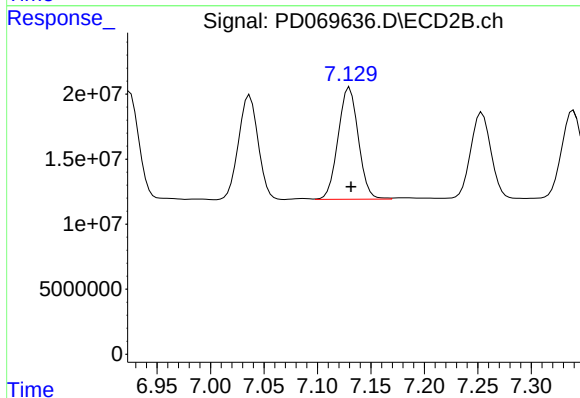
R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 107635926  
Conc: 11.87 ng/ml



#15 Endosulfan II

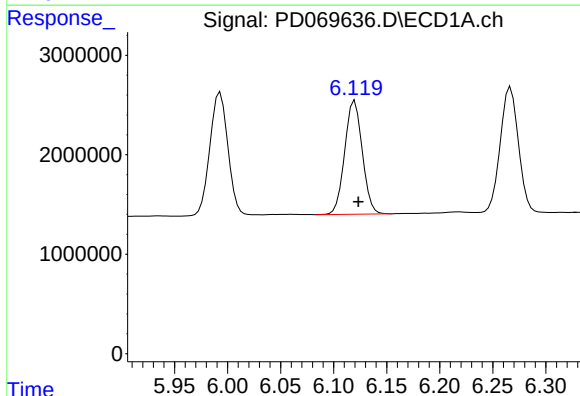
R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 15124580  
Conc: 13.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



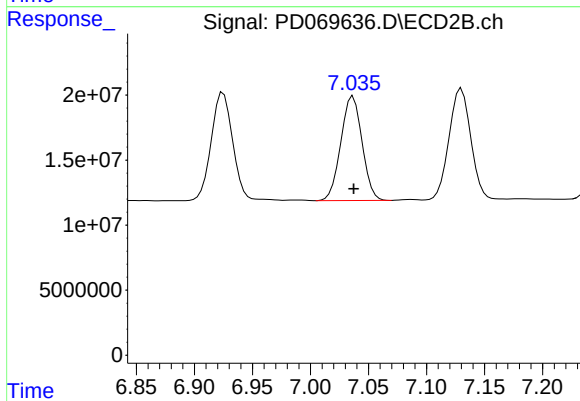
#15 Endosulfan II

R.T.: 7.130 min  
Delta R.T.: -0.001 min  
Response: 113232676  
Conc: 13.09 ng/ml



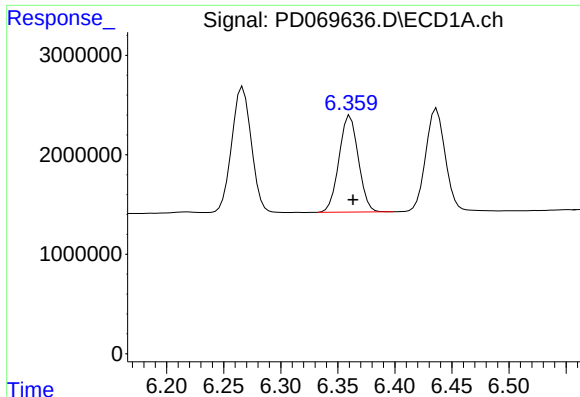
#16 4,4'-DDD

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 13106268  
Conc: 12.02 ng/ml



#16 4,4'-DDD

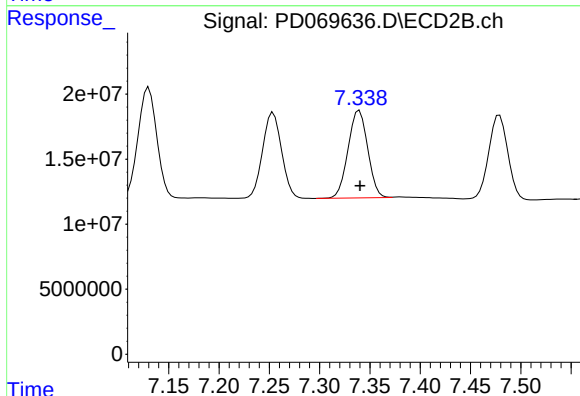
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 102367045  
Conc: 11.88 ng/ml



#17 4,4'-DDT

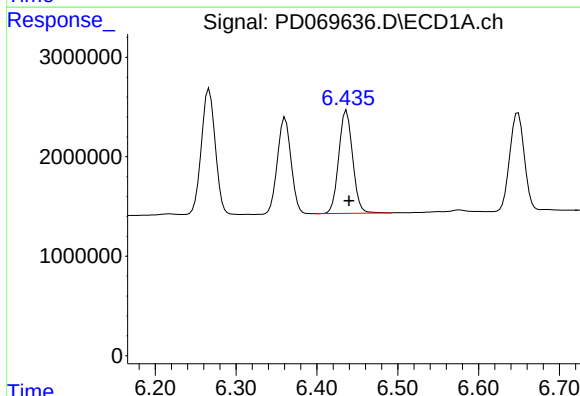
R.T.: 6.361 min  
Delta R.T.: -0.003 min  
Response: 11425448  
Conc: 10.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



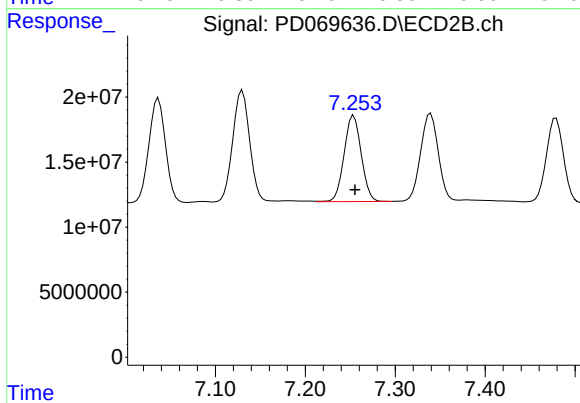
#17 4,4'-DDT

R.T.: 7.339 min  
Delta R.T.: 0.000 min  
Response: 91323461  
Conc: 10.53 ng/ml



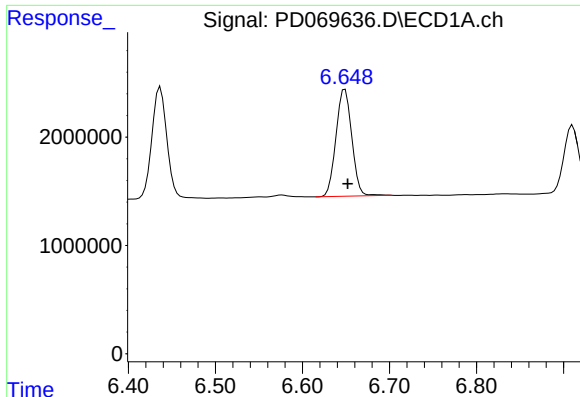
#18 Endrin aldehyde

R.T.: 6.437 min  
Delta R.T.: -0.003 min  
Response: 12329213  
Conc: 13.36 ng/ml



#18 Endrin aldehyde

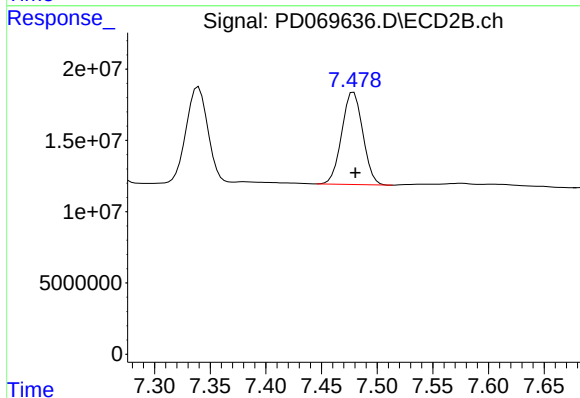
R.T.: 7.254 min  
Delta R.T.: -0.002 min  
Response: 87774053  
Conc: 12.70 ng/ml



#19 Endosulfan Sulfate

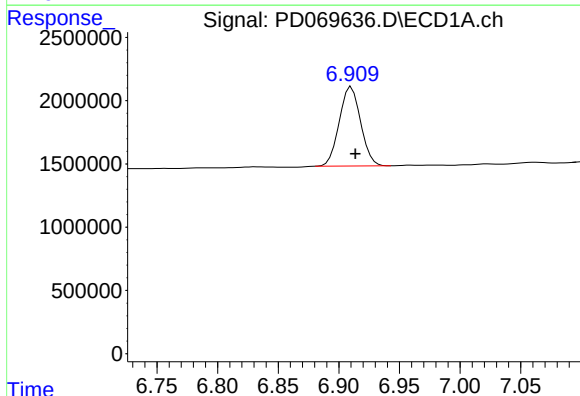
R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 12485579  
Conc: 10.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



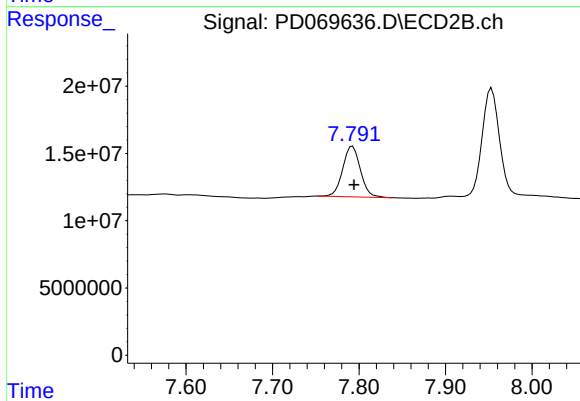
#19 Endosulfan Sulfate

R.T.: 7.479 min  
Delta R.T.: -0.002 min  
Response: 85251457  
Conc: 9.99 ng/ml



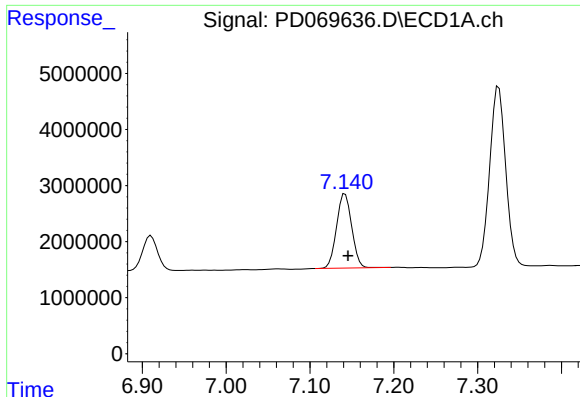
#20 Methoxychlor

R.T.: 6.910 min  
Delta R.T.: -0.003 min  
Response: 7675858  
Conc: 12.08 ng/ml



#20 Methoxychlor

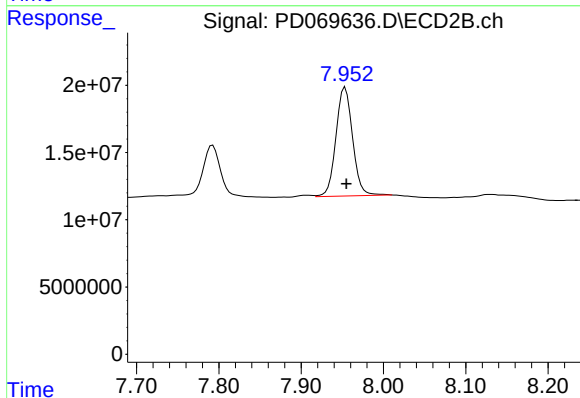
R.T.: 7.792 min  
Delta R.T.: -0.002 min  
Response: 53038699  
Conc: 12.30 ng/ml



#21 Endrin ketone

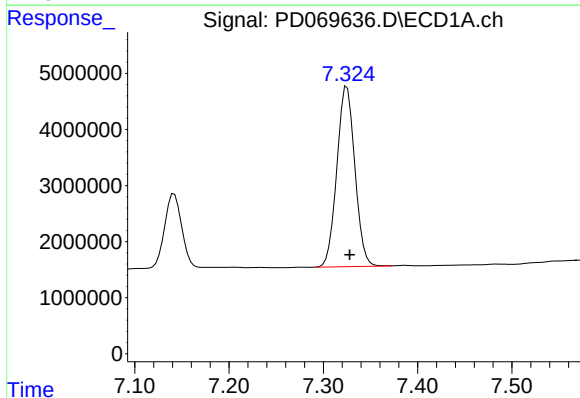
R.T.: 7.142 min  
Delta R.T.: -0.004 min  
Response: 16682337  
Conc: 11.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



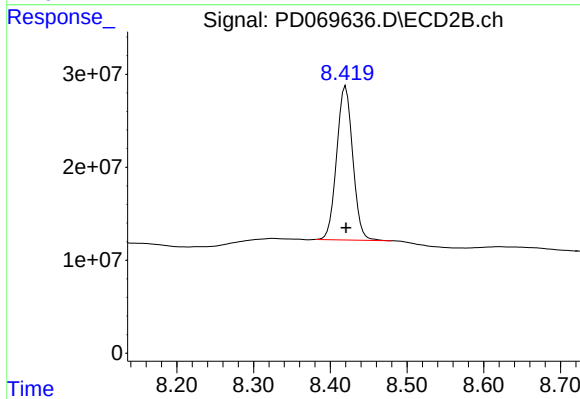
#21 Endrin ketone

R.T.: 7.954 min  
Delta R.T.: -0.002 min  
Response: 113508638  
Conc: 12.55 ng/ml



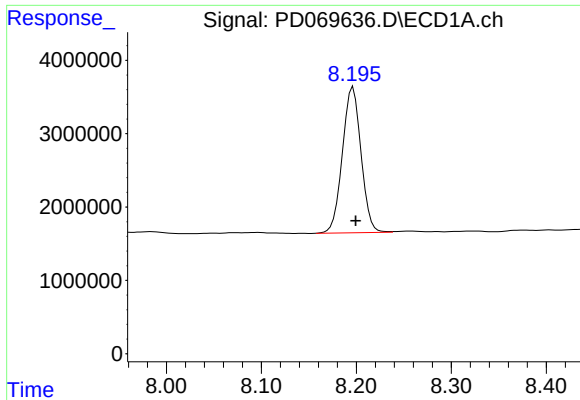
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.003 min  
Response: 42655462  
Conc: 37.50 ng/ml



#22 Mirex

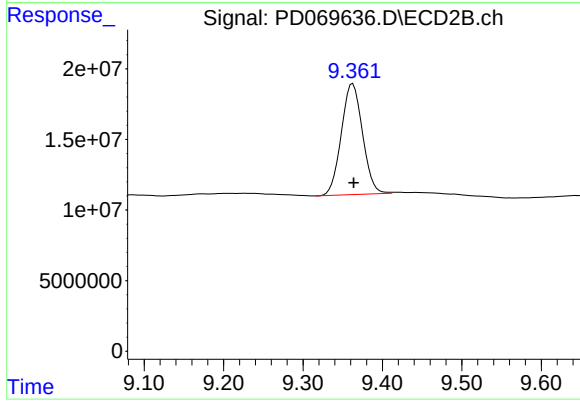
R.T.: 8.420 min  
Delta R.T.: 0.000 min  
Response: 241276701  
Conc: 37.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.197 min  
Delta R.T.: -0.003 min  
Response: 27068820  
Conc: 21.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144797BS



#28 Decachlorobiphenyl

R.T.: 9.363 min  
Delta R.T.: -0.001 min  
Response: 145897286  
Conc: 22.29 ng/ml