

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051122\  
 Data File : PD069562.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2022 02:08  
 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 11 03:26:39 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... | 3.443  | 4.171  | 59044824 | 530.0E6 | 53.189   | 49.436    |
| 28)                         | SA Decachlor... | 8.196  | 9.363  | 63921245 | 342.6E6 | 51.193   | 52.355    |
| Target Compounds            |                 |        |        |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 4.567  | 91055292 | 796.3E6 | 55.801   | 51.641    |
| 3)                          | MA gamma-BHC... | 4.165  | 4.857  | 86039465 | 709.9E6 | 50.298   | 50.277    |
| 4)                          | MA Heptachlor   | 4.462  | 5.384  | 81892194 | 681.2E6 | 55.220   | 49.861    |
| 5)                          | MB Aldrin       | 4.709  | 5.697  | 82168638 | 664.5E6 | 56.424   | 50.285    |
| 6)                          | B beta-BHC      | 4.415  | 5.021  | 37013696 | 309.0E6 | 53.240   | 50.292    |
| 7)                          | B delta-BHC     | 4.619  | 5.246  | 82898315 | 604.1E6 | 55.883   | 45.042    |
| 8)                          | B Heptachlo...  | 5.153  | 6.085  | 76908819 | 604.0E6 | 56.106   | 51.043    |
| 9)                          | A Endosulfan I  | 5.491  | 6.447  | 70253630 | 565.2E6 | 54.440   | 52.331    |
| 10)                         | B gamma-Chl...  | 5.379  | 6.322  | 76207272 | 637.0E6 | 54.822   | 54.703    |
| 11)                         | B alpha-Chl...  | 5.437  | 6.396  | 74857071 | 599.7E6 | 54.430   | 52.428    |
| 12)                         | B 4,4'-DDE      | 5.603  | 6.546  | 71208748 | 554.7E6 | 56.277   | 51.350    |
| 13)                         | MA Dieldrin     | 5.735  | 6.706  | 73894936 | 570.1E6 | 54.764   | 51.139    |
| 14)                         | MA Endrin       | 5.993  | 6.926  | 65635585 | 419.1E6 | 54.286   | 46.203    |
| 15)                         | B Endosulfa...  | 6.267  | 7.132  | 61893990 | 466.0E6 | 53.486   | 53.859    |
| 16)                         | A 4,4'-DDD      | 6.120  | 7.037  | 60773011 | 467.5E6 | 55.757   | 54.281    |
| 17)                         | MA 4,4'-DDT     | 6.360  | 7.340  | 58083657 | 457.1E6 | 54.023   | 52.698    |
| 18)                         | B Endrin al...  | 6.436  | 7.255  | 48504208 | 362.3E6 | 52.551   | 52.410    |
| 19)                         | B Endosulfa...  | 6.649  | 7.480  | 64764421 | 441.7E6 | 53.541   | 51.747    |
| 20)                         | A Methoxychlor  | 6.911  | 7.793  | 34107044 | 225.9E6 | 53.691   | 52.407    |
| 21)                         | B Endrin ke...  | 7.142  | 7.955  | 75498538 | 472.3E6 | 53.621   | 52.239    |
| 22)                         | Mirex           | 7.325  | 8.421  | 58668760 | 333.2E6 | 51.571   | 51.683    |
| 23)                         | Chlordane-1     | 4.339f | 0.000  | 1070264  | 0       | 25.859   | N.D. #    |
| 24)                         | Chlordane-2     | 0.000  | 5.644f | 0        | 68425   | N.D.     | 0.149 #   |
| 25)                         | Chlordane-3     | 5.379  | 6.322  | 76207272 | 637.0E6 | 560.115  | 391.273 # |
| 26)                         | Chlordane-4     | 5.437  | 6.396  | 74857071 | 599.7E6 | 654.743  | 316.276 # |
| 27)                         | Chlordane-5     | 6.267  | 0.000  | 61893990 | 0       | 1368.612 | N.D. #    |
| -----                       |                 |        |        |          |         |          |           |

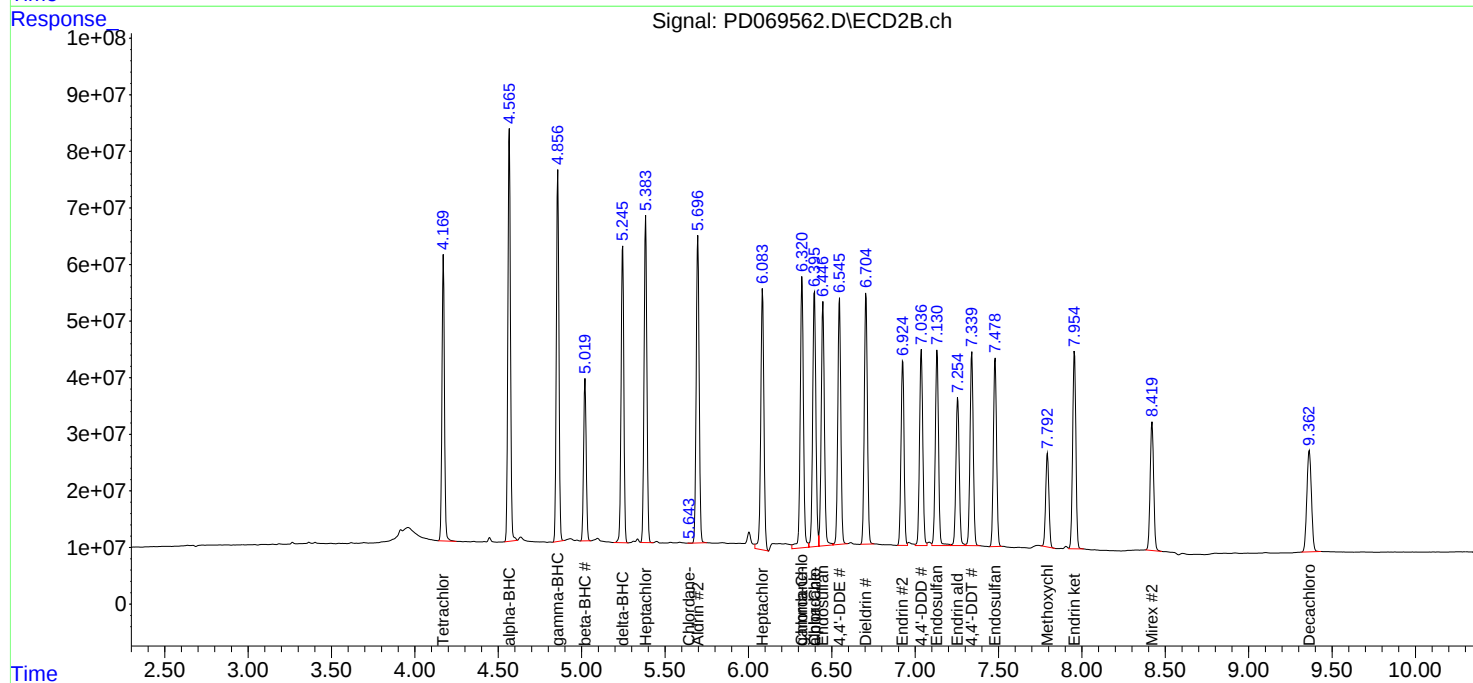
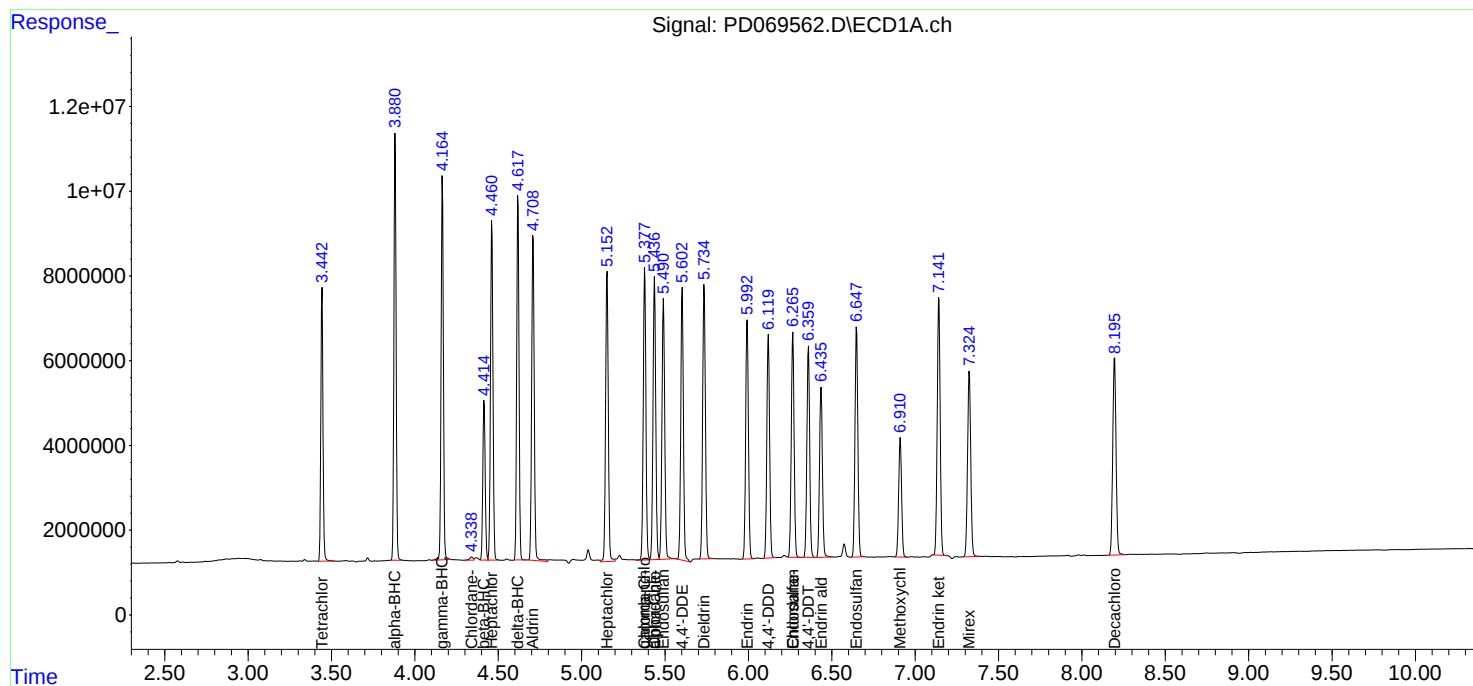
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

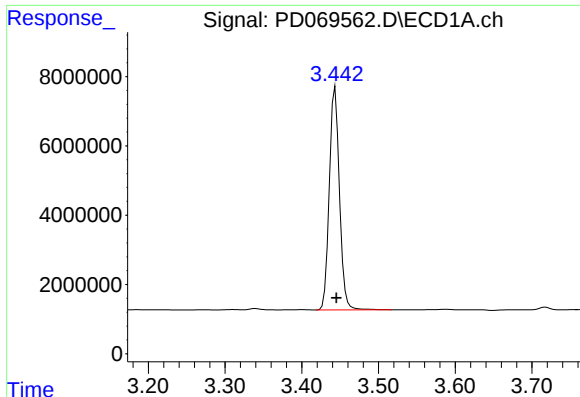
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051122\  
Data File : PD069562.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2022 02:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 03:26:39 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

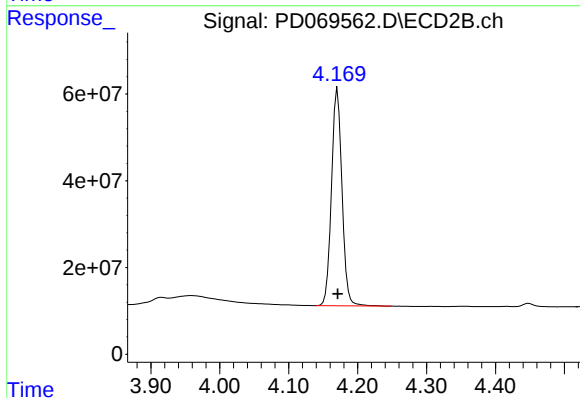




#1 Tetrachloro-m-xylene

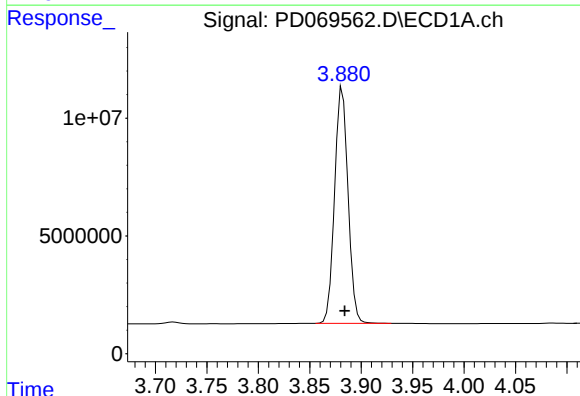
R.T.: 3.443 min  
Delta R.T.: -0.002 min  
Response: 59044824  
Conc: 53.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



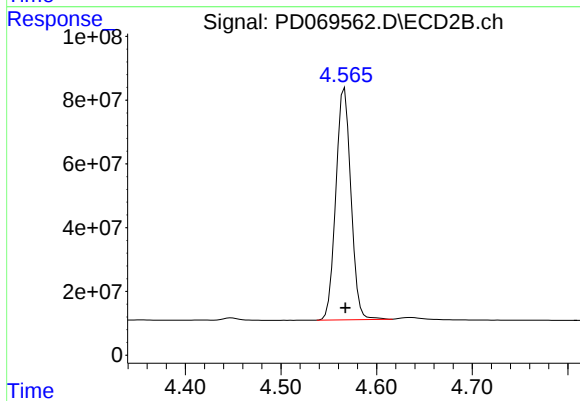
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 530030627  
Conc: 49.44 ng/ml



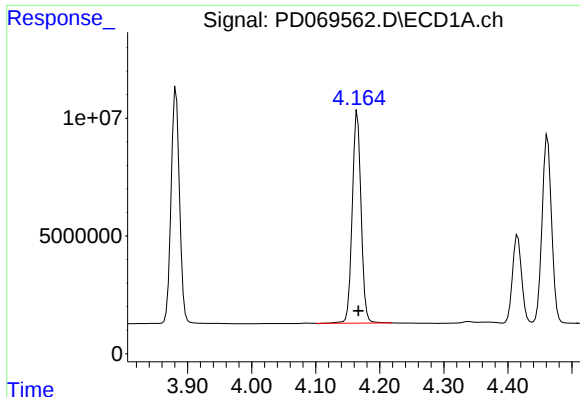
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.002 min  
Response: 91055292  
Conc: 55.80 ng/ml



#2 alpha-BHC

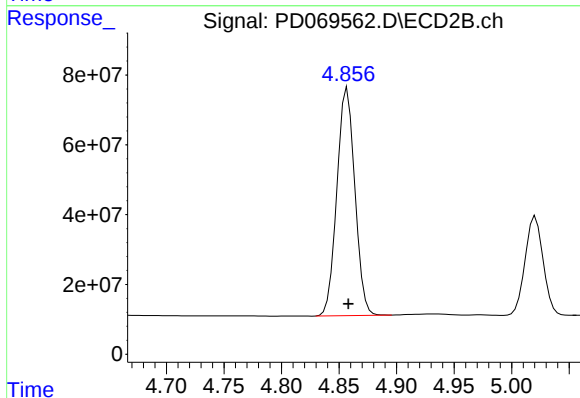
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 796308534  
Conc: 51.64 ng/ml



#3 gamma-BHC (Lindane)

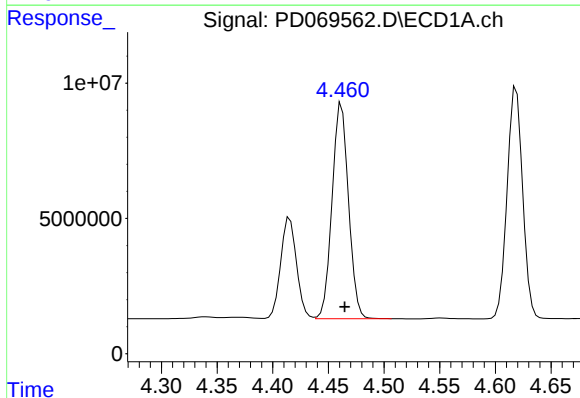
R.T.: 4.165 min  
Delta R.T.: -0.002 min  
Response: 86039465  
Conc: 50.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



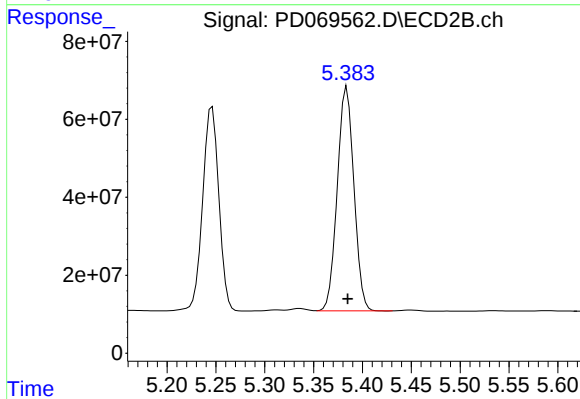
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 709940196  
Conc: 50.28 ng/ml



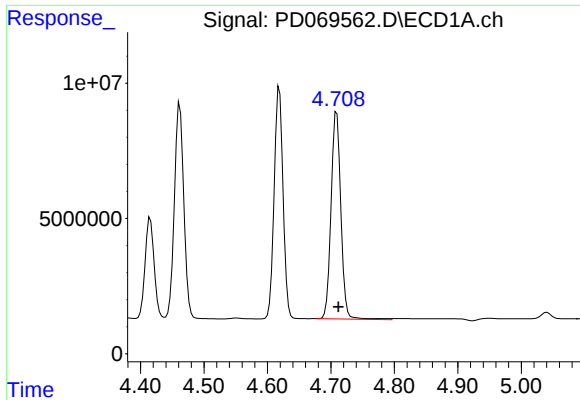
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: -0.003 min  
Response: 81892194  
Conc: 55.22 ng/ml



#4 Heptachlor

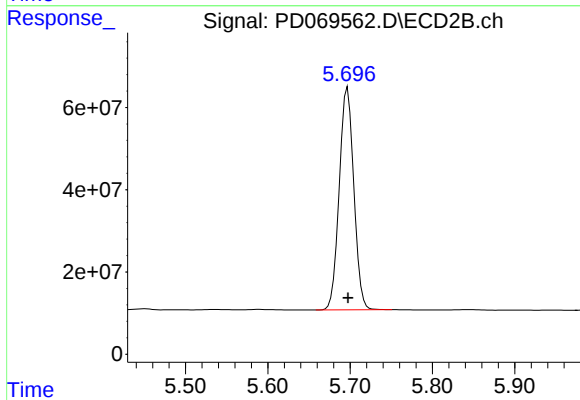
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 681183881  
Conc: 49.86 ng/ml



#5 Aldrin

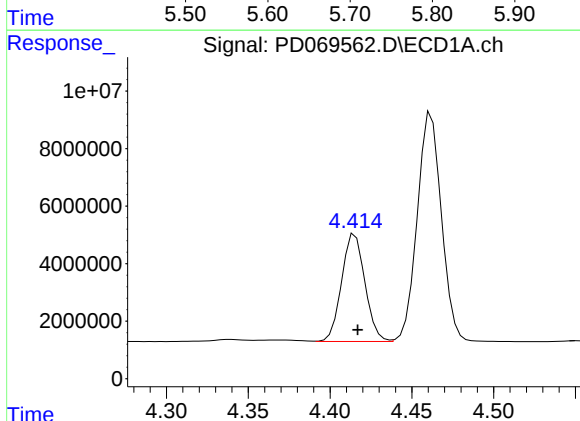
R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 82168638  
Conc: 56.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



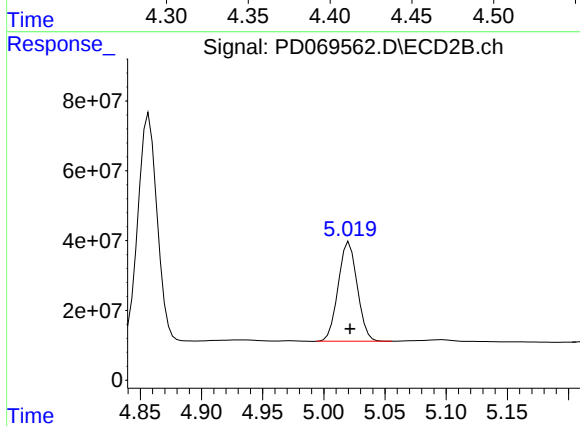
#5 Aldrin

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 664529138  
Conc: 50.29 ng/ml



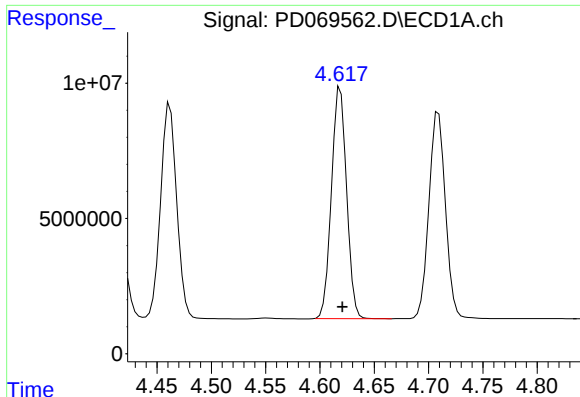
#6 beta-BHC

R.T.: 4.415 min  
Delta R.T.: -0.002 min  
Response: 37013696  
Conc: 53.24 ng/ml



#6 beta-BHC

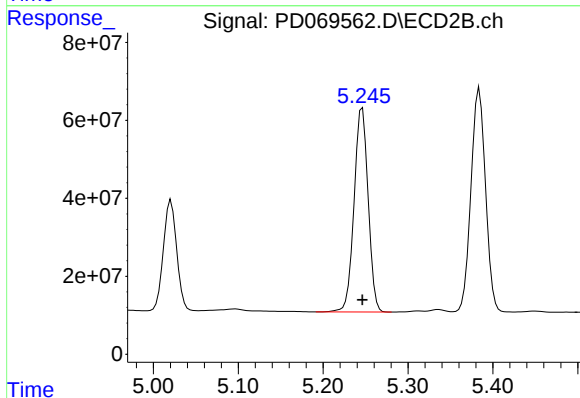
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 308971627  
Conc: 50.29 ng/ml



#7 delta-BHC

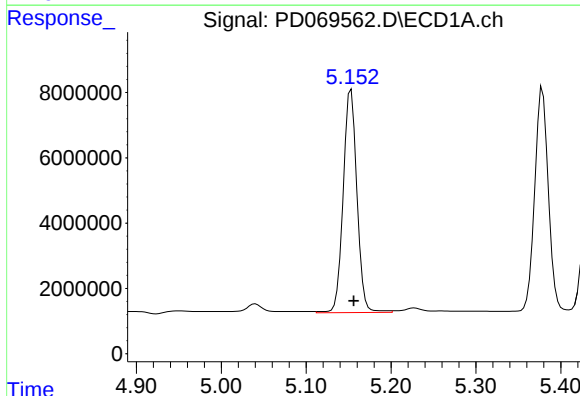
R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 82898315  
Conc: 55.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



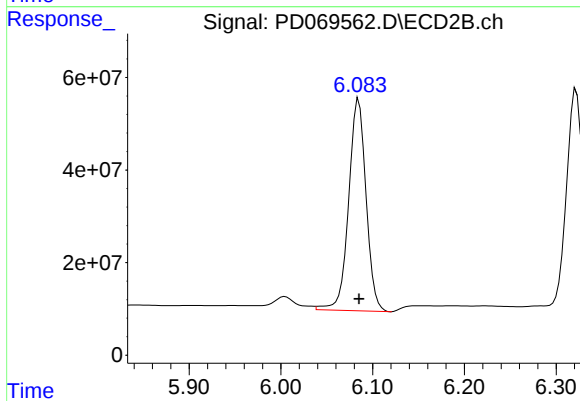
#7 delta-BHC

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 604055639  
Conc: 45.04 ng/ml



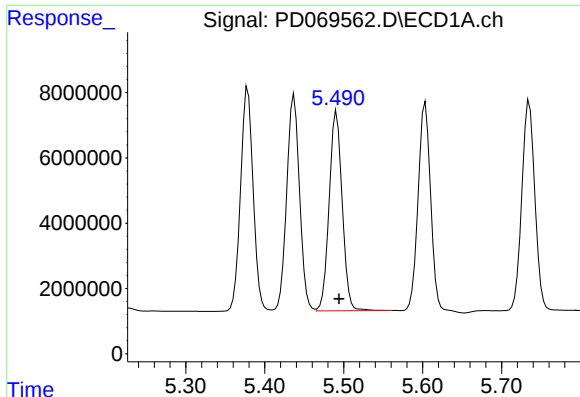
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: -0.003 min  
Response: 76908819  
Conc: 56.11 ng/ml



#8 Heptachlor epoxide

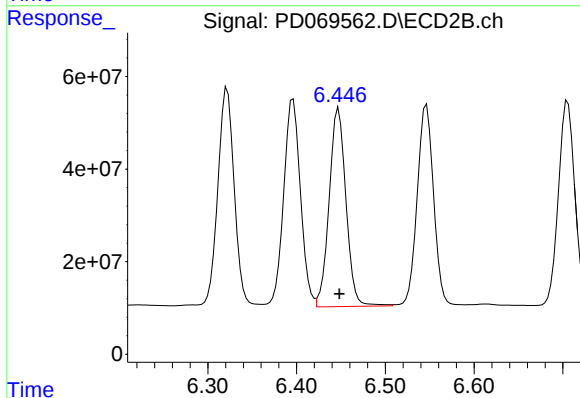
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 604049093  
Conc: 51.04 ng/ml



#9 Endosulfan I

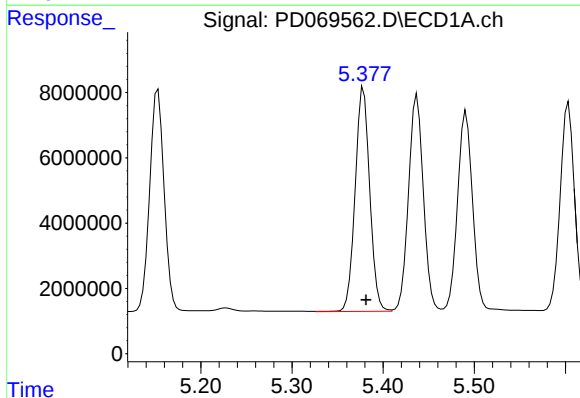
R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 70253630  
Conc: 54.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



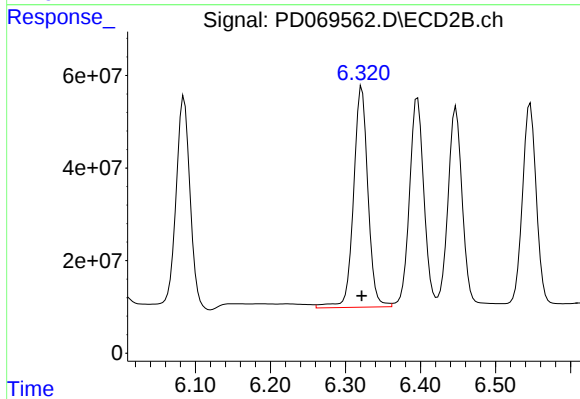
#9 Endosulfan I

R.T.: 6.447 min  
Delta R.T.: 0.000 min  
Response: 565180679  
Conc: 52.33 ng/ml



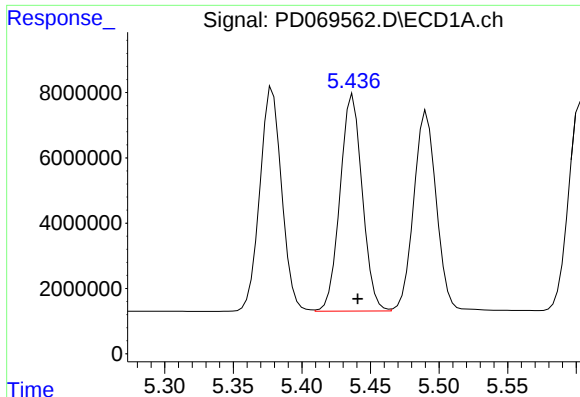
#10 gamma-Chlordane

R.T.: 5.379 min  
Delta R.T.: -0.003 min  
Response: 76207272  
Conc: 54.82 ng/ml



#10 gamma-Chlordane

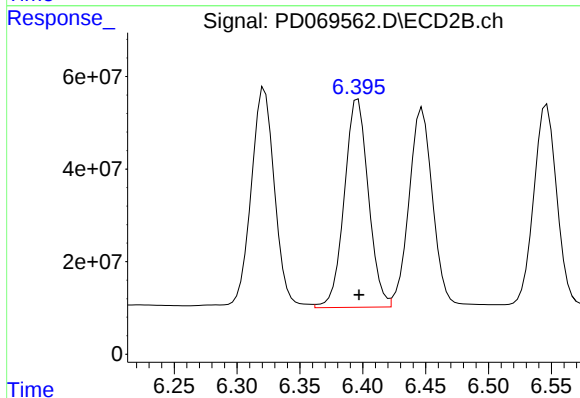
R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 636966362  
Conc: 54.70 ng/ml



#11 alpha-Chlordane

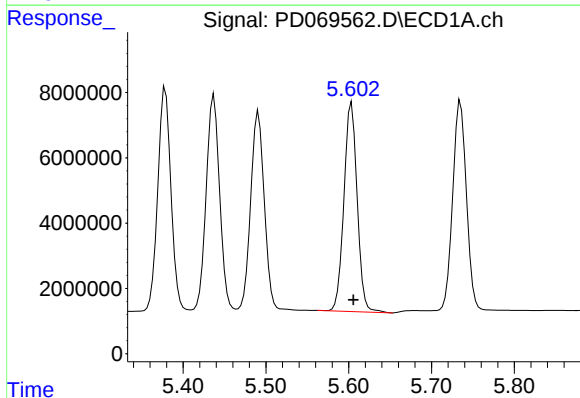
R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 74857071  
Conc: 54.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



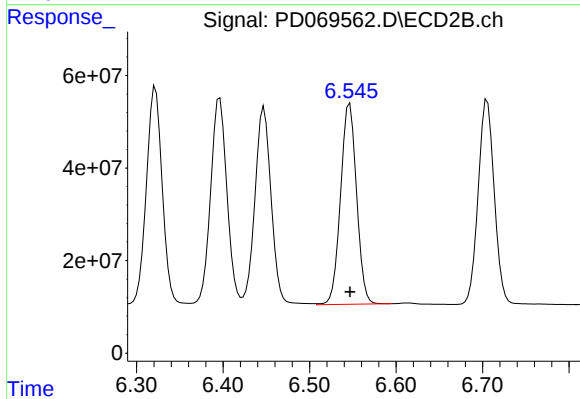
#11 alpha-Chlordane

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 599650864  
Conc: 52.43 ng/ml



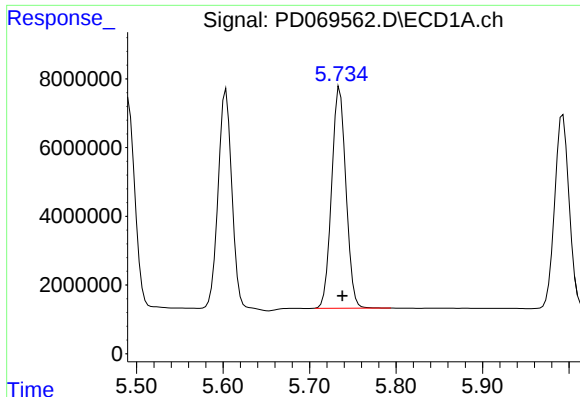
#12 4,4'-DDE

R.T.: 5.603 min  
Delta R.T.: -0.002 min  
Response: 71208748  
Conc: 56.28 ng/ml



#12 4,4'-DDE

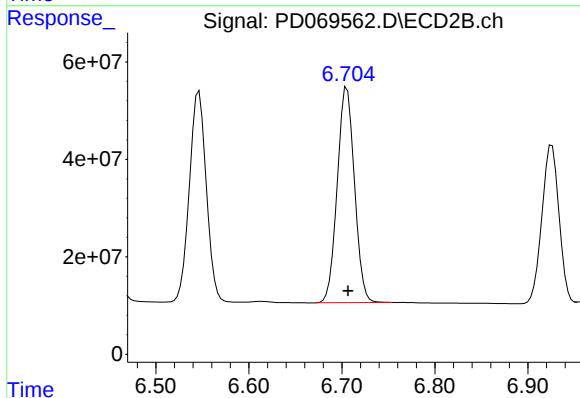
R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 554704348  
Conc: 51.35 ng/ml



#13 Dieldrin

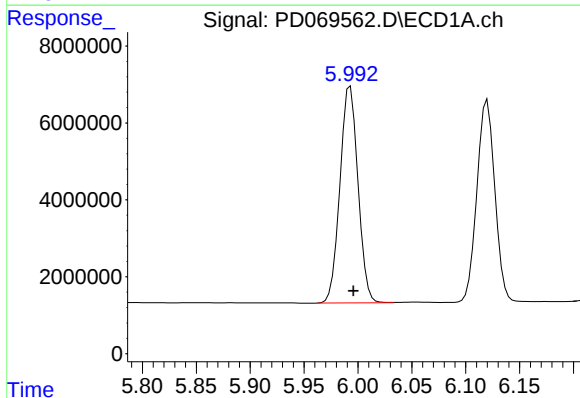
R.T.: 5.735 min  
Delta R.T.: -0.003 min  
Response: 73894936  
Conc: 54.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



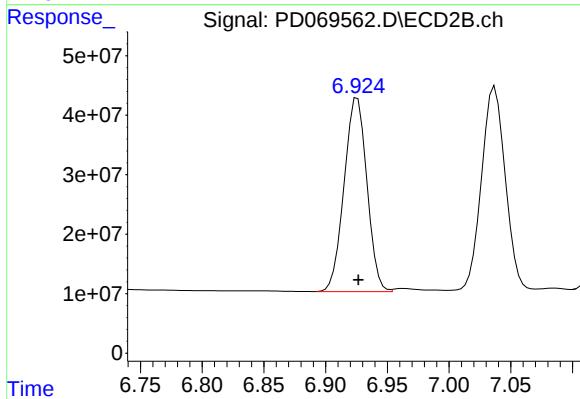
#13 Dieldrin

R.T.: 6.706 min  
Delta R.T.: -0.001 min  
Response: 570098260  
Conc: 51.14 ng/ml



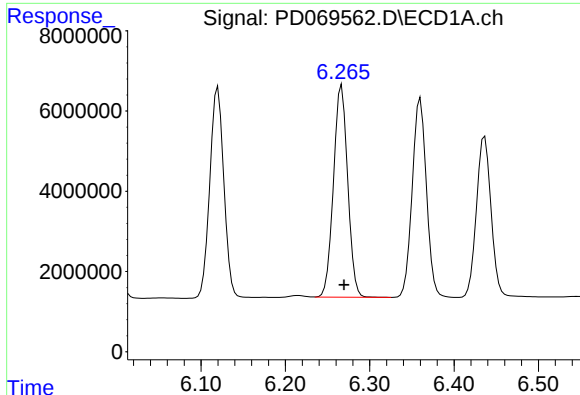
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: -0.003 min  
Response: 65635585  
Conc: 54.29 ng/ml



#14 Endrin

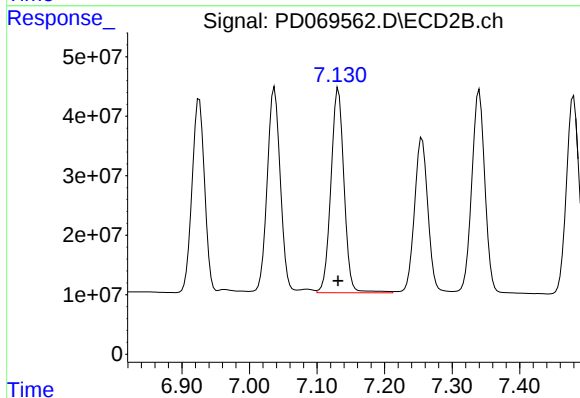
R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 419069025  
Conc: 46.20 ng/ml



#15 Endosulfan II

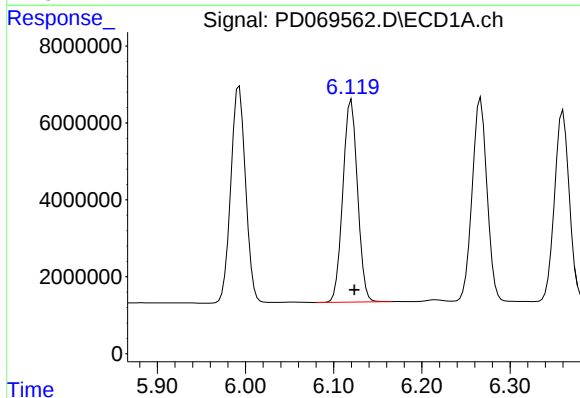
R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 61893990  
Conc: 53.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



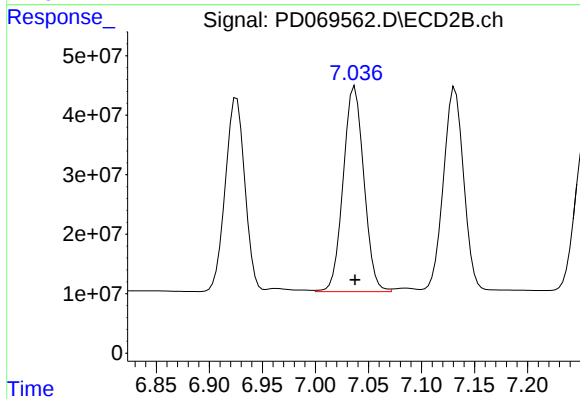
#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: 0.000 min  
Response: 465982468  
Conc: 53.86 ng/ml



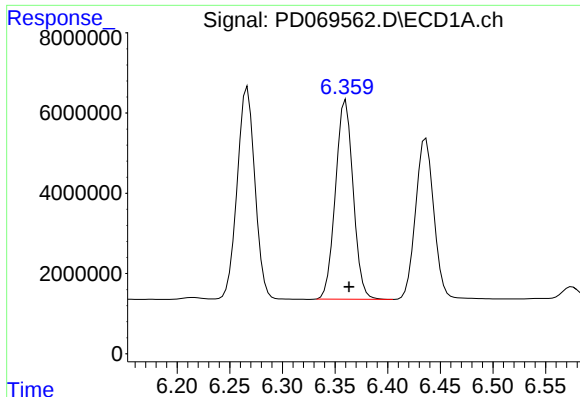
#16 4,4'-DDD

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 60773011  
Conc: 55.76 ng/ml



#16 4,4'-DDD

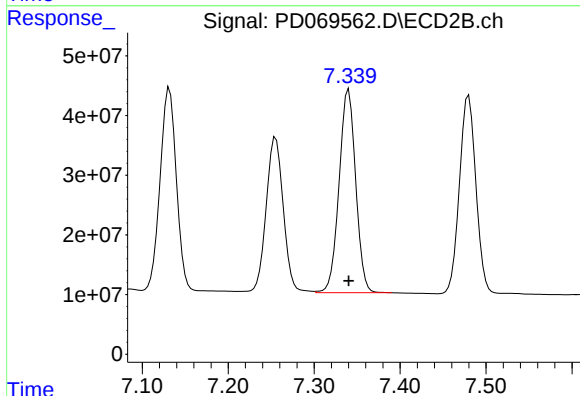
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 467546988  
Conc: 54.28 ng/ml



#17 4,4'-DDT

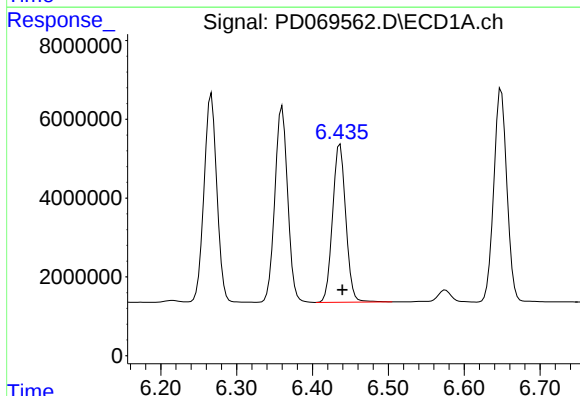
R.T.: 6.360 min  
Delta R.T.: -0.003 min  
Response: 58083657  
Conc: 54.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



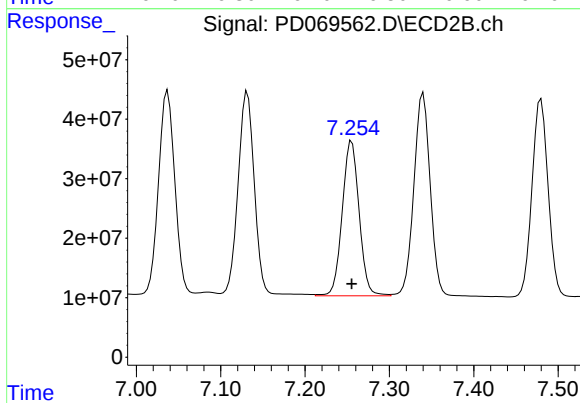
#17 4,4'-DDT

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 457092555  
Conc: 52.70 ng/ml



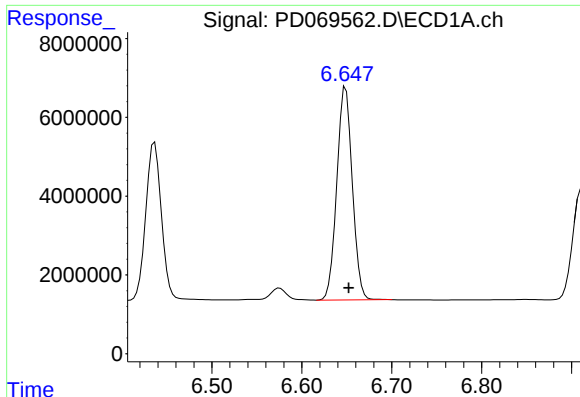
#18 Endrin aldehyde

R.T.: 6.436 min  
Delta R.T.: -0.003 min  
Response: 48504208  
Conc: 52.55 ng/ml



#18 Endrin aldehyde

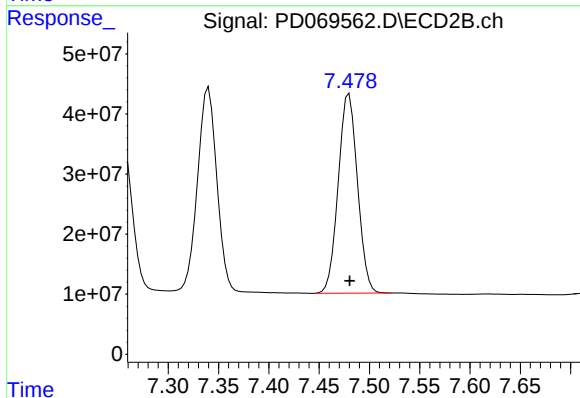
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 362314581  
Conc: 52.41 ng/ml



#19 Endosulfan Sulfate

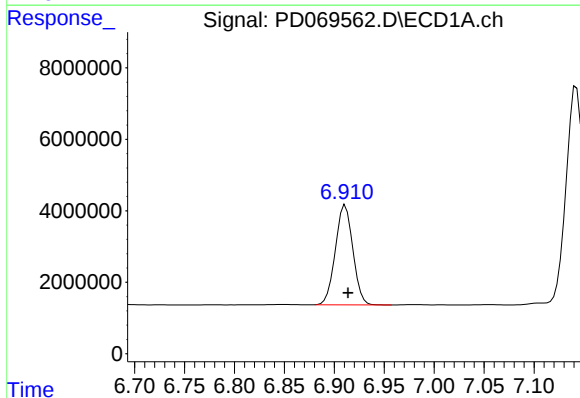
R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 64764421  
Conc: 53.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



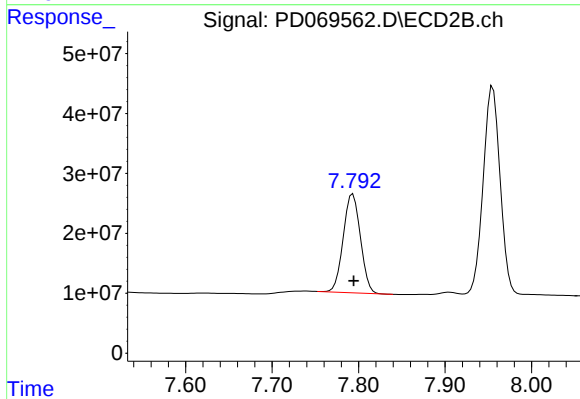
#19 Endosulfan Sulfate

R.T.: 7.480 min  
Delta R.T.: 0.000 min  
Response: 441743554  
Conc: 51.75 ng/ml



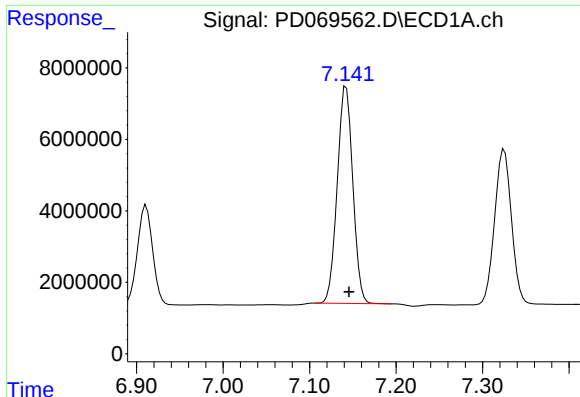
#20 Methoxychlor

R.T.: 6.911 min  
Delta R.T.: -0.002 min  
Response: 34107044  
Conc: 53.69 ng/ml



#20 Methoxychlor

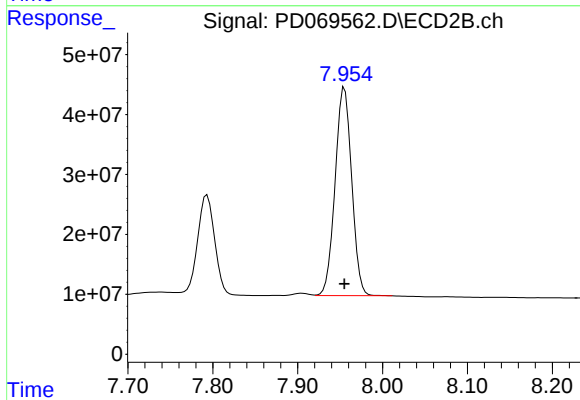
R.T.: 7.793 min  
Delta R.T.: -0.001 min  
Response: 225929266  
Conc: 52.41 ng/ml



#21 Endrin ketone

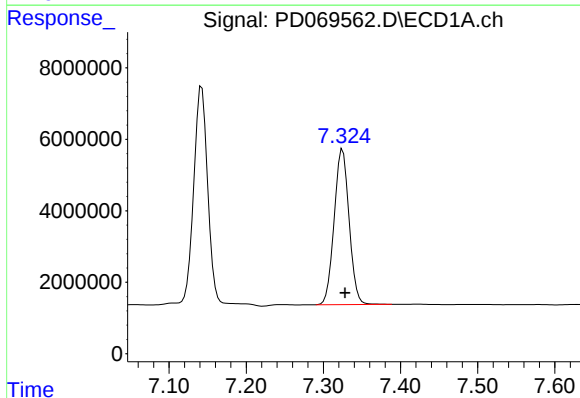
R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 75498538  
Conc: 53.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



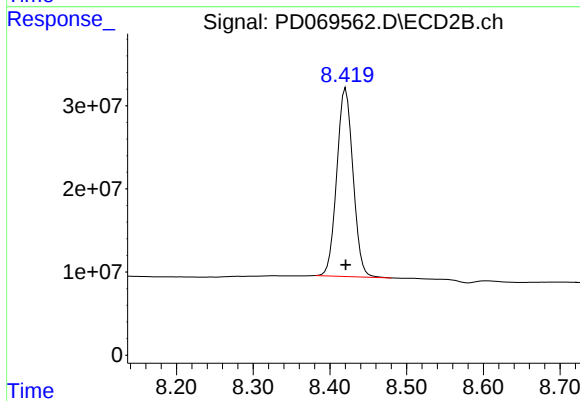
#21 Endrin ketone

R.T.: 7.955 min  
Delta R.T.: 0.000 min  
Response: 472324860  
Conc: 52.24 ng/ml



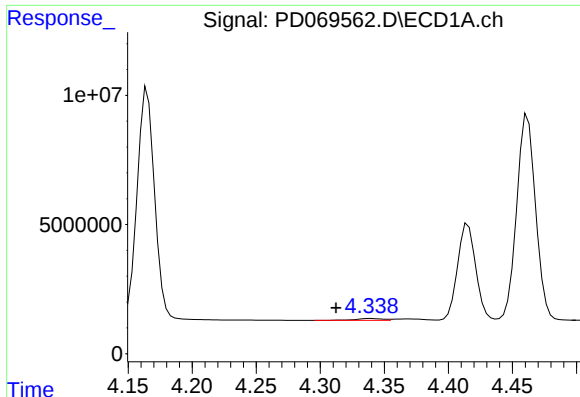
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.003 min  
Response: 58668760  
Conc: 51.57 ng/ml



#22 Mirex

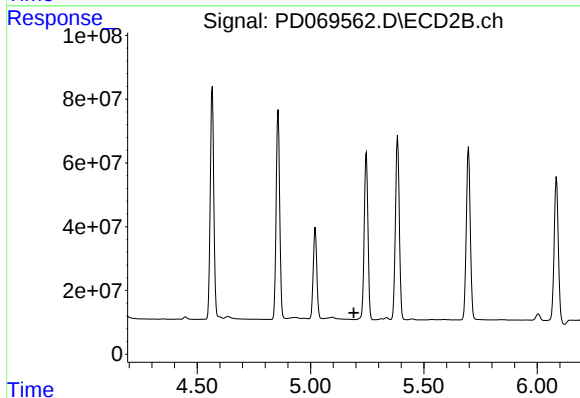
R.T.: 8.421 min  
Delta R.T.: 0.000 min  
Response: 333169573  
Conc: 51.68 ng/ml



#23 Chlordane-1

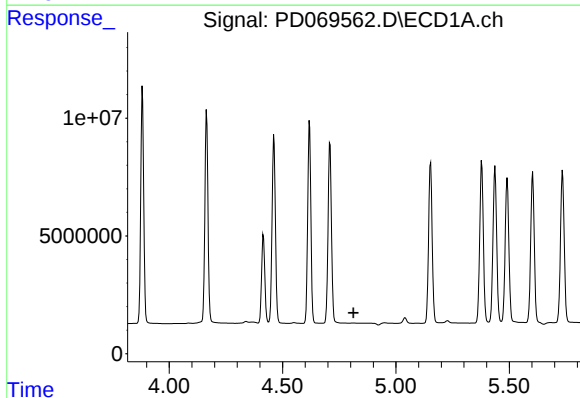
R.T.: 4.339 min  
Delta R.T.: 0.027 min  
Response: 1070264  
Conc: 25.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



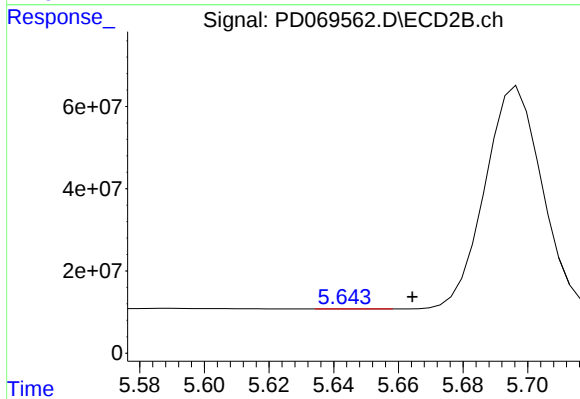
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.191 min  
Response: 0  
Conc: N.D.



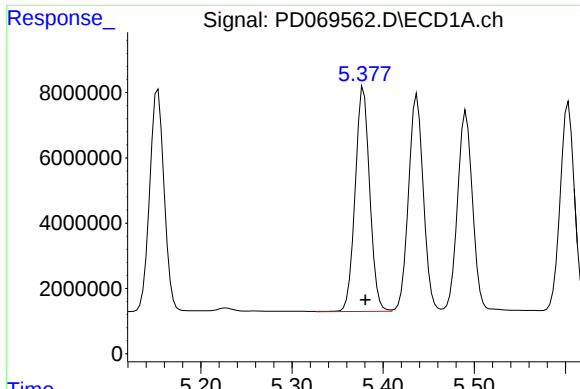
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.813 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

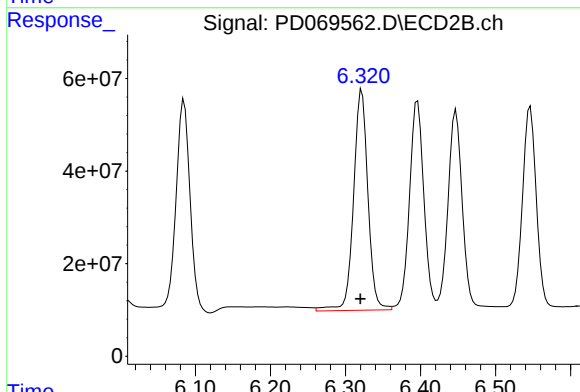
R.T.: 5.644 min  
Delta R.T.: -0.020 min  
Response: 68425  
Conc: 0.15 ng/ml



#25 Chlordane-3

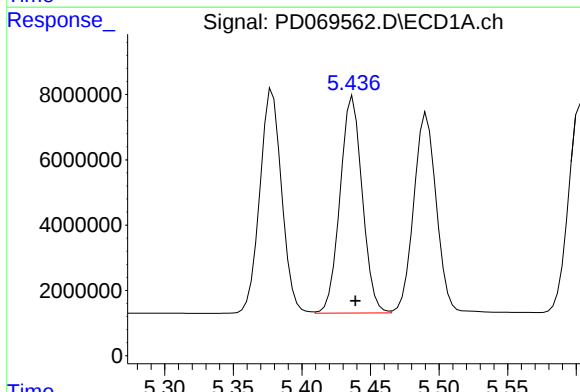
R.T.: 5.379 min  
Delta R.T.: -0.002 min  
Response: 76207272  
Conc: 560.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



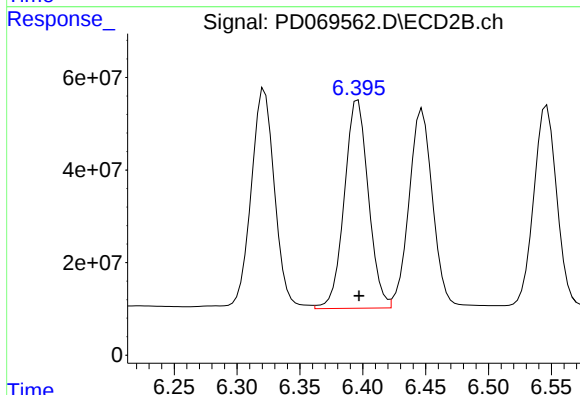
#25 Chlordane-3

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 636966362  
Conc: 391.27 ng/ml



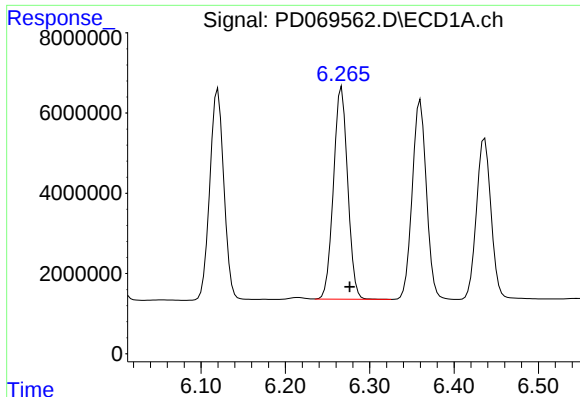
#26 Chlordane-4

R.T.: 5.437 min  
Delta R.T.: -0.002 min  
Response: 74857071  
Conc: 654.74 ng/ml



#26 Chlordane-4

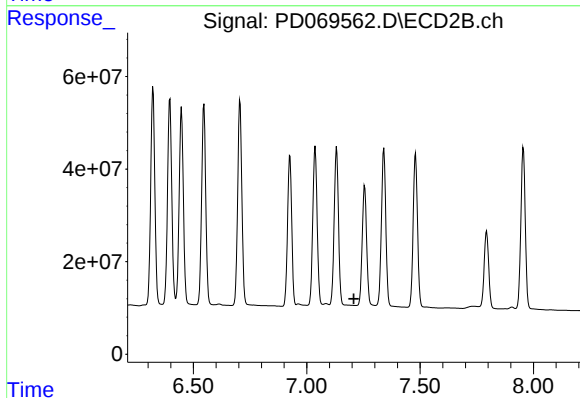
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 599650864  
Conc: 316.28 ng/ml



#27 Chlordane-5

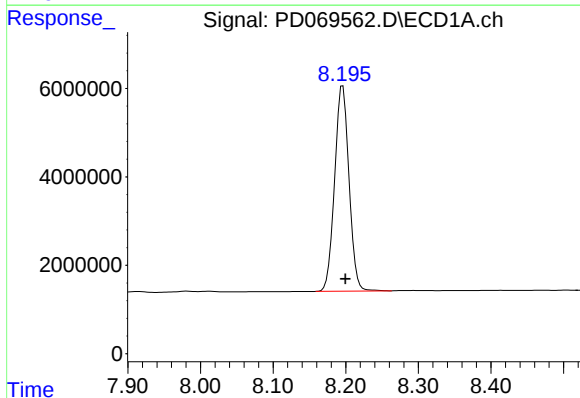
R.T.: 6.267 min  
Delta R.T.: -0.009 min  
Response: 61893990  
Conc: 1368.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



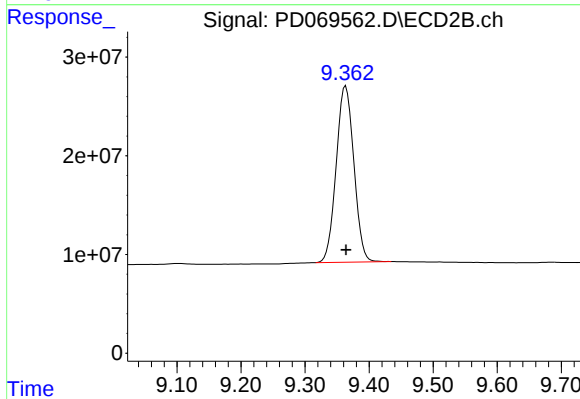
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 63921245  
Conc: 51.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.363 min  
Delta R.T.: 0.000 min  
Response: 342612066  
Conc: 52.36 ng/ml