

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121218\  
 Data File : PD050793.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Dec 2018 12:19  
 Operator : AJ\SJ  
 Sample : J6316-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 04:29:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.226  | 4.044  | 13982359 | 263.9E6  | 9.608  | 9.581    |
| 28)                         | SA Decachlor... | 7.830  | 9.152  | 16964334 | 193.1E6  | 11.460 | 9.538    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.661  | 4.476f | 418753   | 100.5E6  | 0.178  | 2.369 #  |
| 3)                          | MA gamma-BHC... | 3.924  | 0.000  | 2025992  | 0        | 0.868  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.221  | 5.247  | 534456   | 2888564  | 0.242  | 0.076 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.536  | 0        | 3687963  | N.D.   | 0.103 #  |
| 6)                          | B beta-BHC      | 4.221f | 4.933f | 534456   | 15080745 | 0.585  | 0.909 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.142  | 0        | 5095499  | N.D.   | 0.136 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.925  | 0        | 264.4E6  | N.D.   | 8.317 #  |
| 9)                          | A Endosulfan I  | 5.125f | 6.241f | 1948136  | 102.3E6  | 0.967  | 3.603 #  |
| 10)                         | B gamma-Chl...  | 5.092  | 6.167  | 5311012  | 49581289 | 2.410  | 1.565 #  |
| 11)                         | B alpha-Chl...  | 5.125  | 6.241  | 1948136  | 102.3E6  | 0.894  | 3.364 #  |
| 12)                         | B 4,4'-DDE      | 5.296  | 6.394  | 21720726 | 316.6E6  | 10.598 | 10.766   |
| 13)                         | MA Dieldrin     | 5.413  | 6.531  | 2545433  | 4093814  | 1.153  | 0.136 #  |
| 14)                         | MA Endrin       | 5.674  | 0.000  | 4536247  | 0        | 2.361  | N.D. #   |
| 15)                         | B Endosulfa...  | 5.929  | 6.960  | 89569    | 15374713 | 0.047  | 0.630 #  |
| 16)                         | A 4,4'-DDD      | 5.798  | 6.892  | 372547   | 23668380 | 0.217  | 1.037 #  |
| 17)                         | MA 4,4'-DDT     | 6.029  | 7.186  | 13910486 | 149.7E6  | 7.851  | 7.252    |
| 18)                         | B Endrin al...  | 6.116  | 0.000  | 345813   | 0        | 0.228  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.304  | 7.292  | 1129303  | -3008    | 0.609  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.580f | 0        | 4293914  | N.D.   | 0.386 #  |
| 21)                         | B Endrin ke...  | 6.814  | 7.758f | 542756   | 31013686 | 0.251  | 1.338 #  |
| 23)                         | Chlordane-1     | 4.104  | 0.000  | 2958266  | 0        | 43.920 | N.D. #   |
| 24)                         | Chlordane-2     | 4.534  | 5.515  | 3380756  | 6725701  | 42.955 | 5.392 #  |
| 25)                         | Chlordane-3     | 5.092  | 6.167  | 5311012  | 49581289 | 22.858 | 12.308 # |
| 26)                         | Chlordane-4     | 5.125  | 6.241  | 1948136  | 102.3E6  | 8.750  | 22.342 # |
| 27)                         | Chlordane-5     | 5.929  | 0.000  | 89569    | 0        | 1.179  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

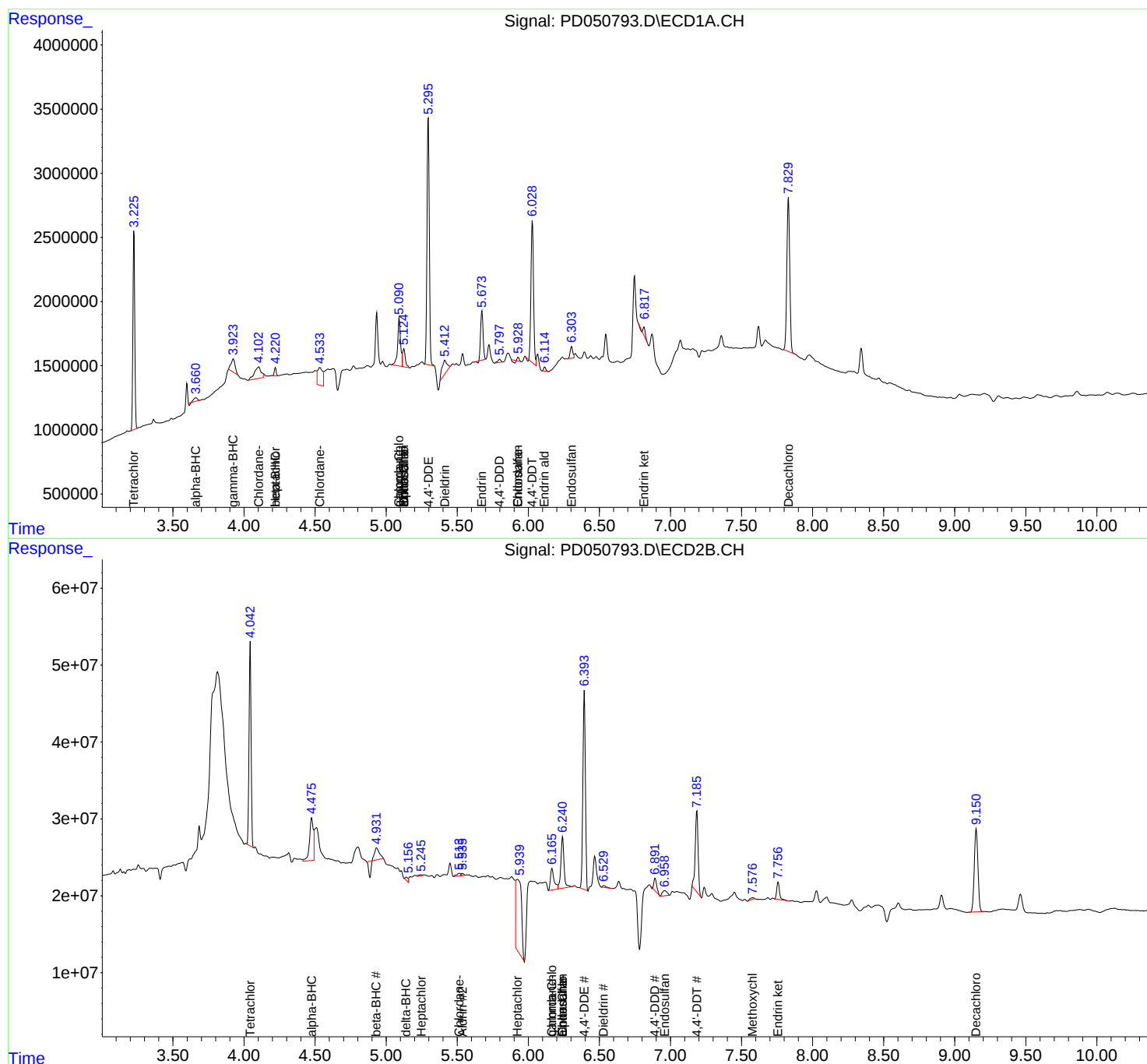
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

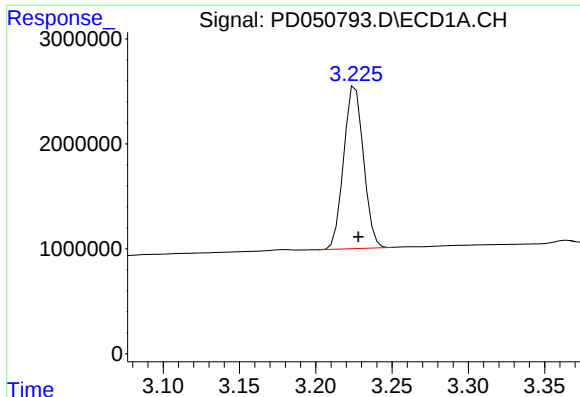
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121218\  
Data File : PD050793.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Dec 2018 12:19  
Operator : AJ\SJ  
Sample : J6316-09  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 04:29:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 16 02:59:21 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

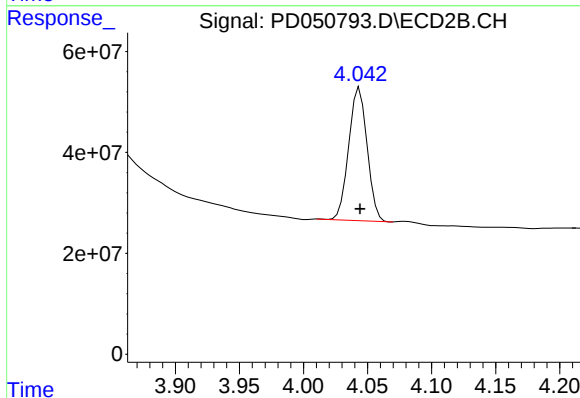




#1 Tetrachloro-m-xylene

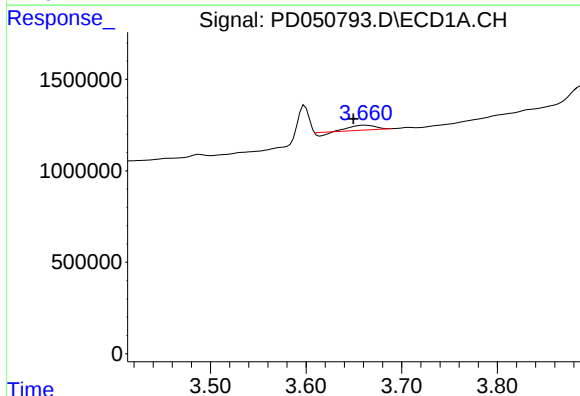
R.T.: 3.226 min  
Delta R.T.: -0.002 min  
Response: 13982359  
Conc: 9.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



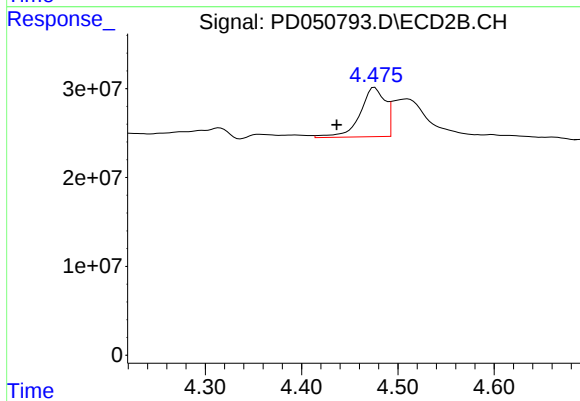
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 263906683  
Conc: 9.58 ng/ml



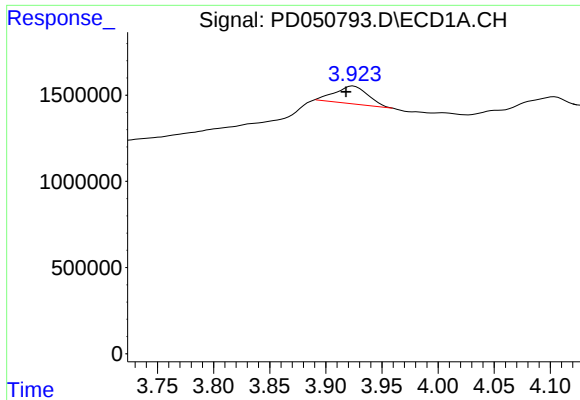
#2 alpha-BHC

R.T.: 3.661 min  
Delta R.T.: 0.011 min  
Response: 418753  
Conc: 0.18 ng/ml



#2 alpha-BHC

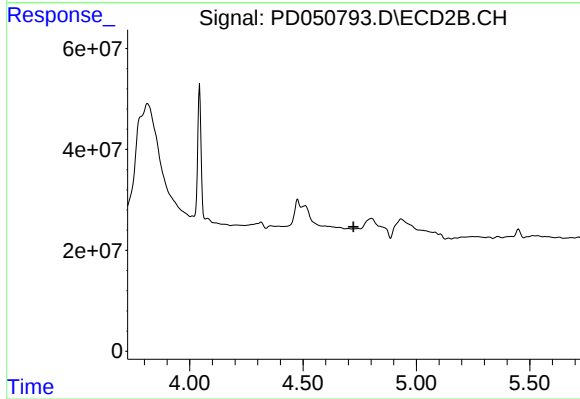
R.T.: 4.476 min  
Delta R.T.: 0.040 min  
Response: 100537176  
Conc: 2.37 ng/ml



#3 gamma-BHC (Lindane)

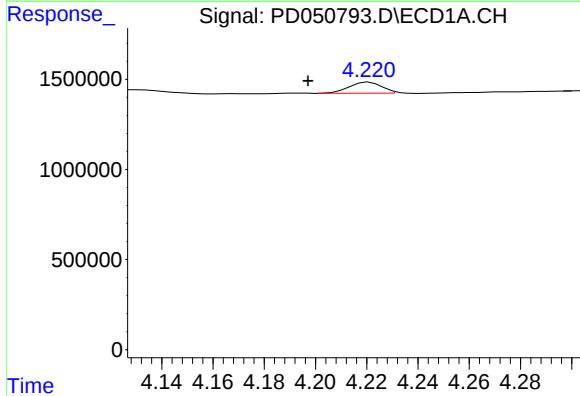
R.T.: 3.924 min  
Delta R.T.: 0.006 min  
Response: 2025992  
Conc: 0.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



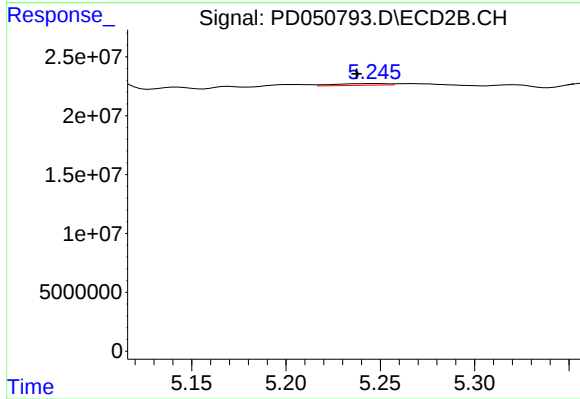
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.



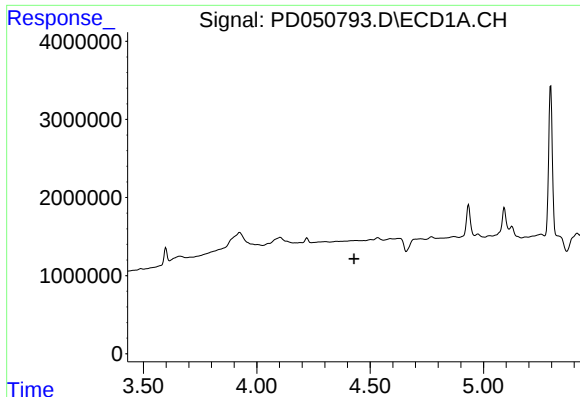
#4 Heptachlor

R.T.: 4.221 min  
Delta R.T.: 0.024 min  
Response: 534456  
Conc: 0.24 ng/ml



#4 Heptachlor

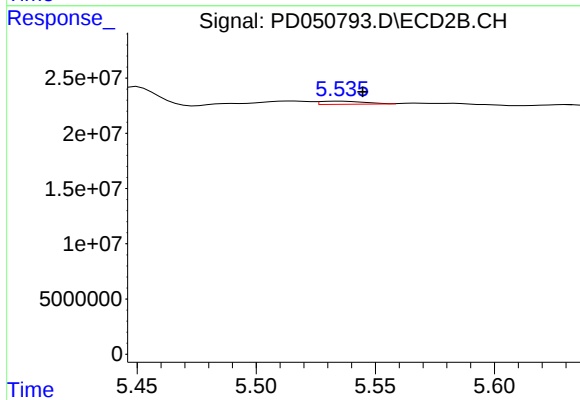
R.T.: 5.247 min  
Delta R.T.: 0.009 min  
Response: 2888564  
Conc: 0.08 ng/ml



#5 Aldrin

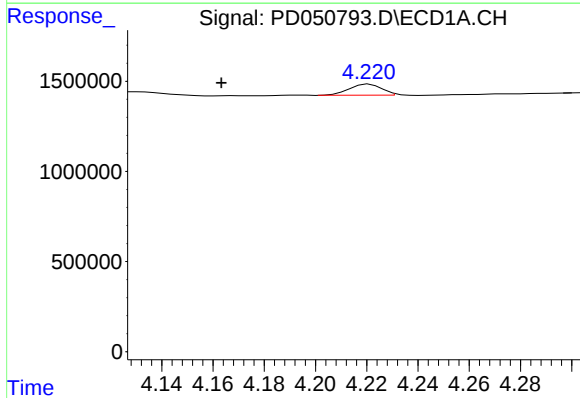
R.T.: 0.000 min  
Exp R.T.: 4.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



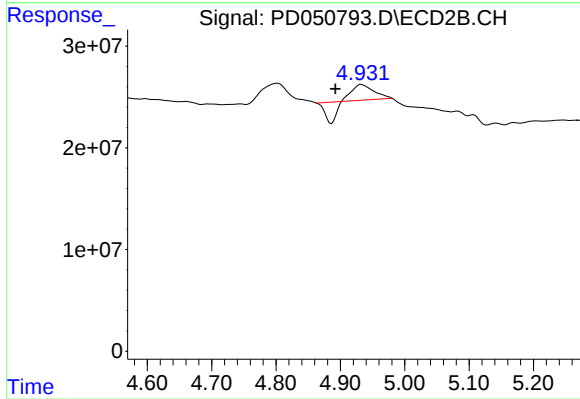
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.009 min  
Response: 3687963  
Conc: 0.10 ng/ml



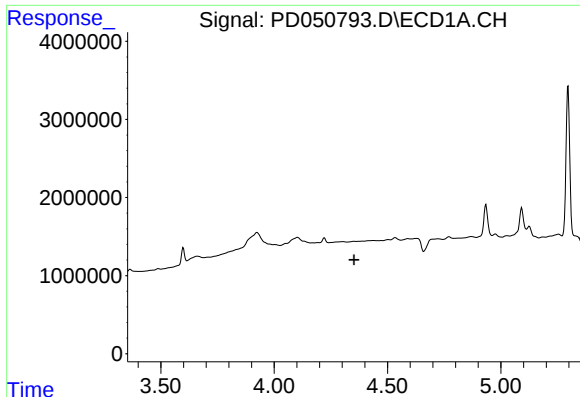
#6 beta-BHC

R.T.: 4.221 min  
Delta R.T.: 0.058 min  
Response: 534456  
Conc: 0.58 ng/ml



#6 beta-BHC

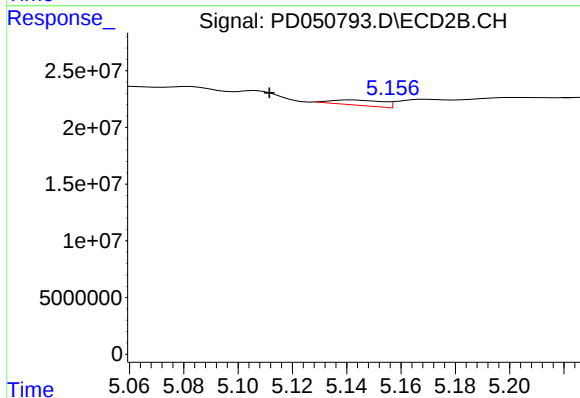
R.T.: 4.933 min  
Delta R.T.: 0.040 min  
Response: 15080745  
Conc: 0.91 ng/ml



#7 delta-BHC

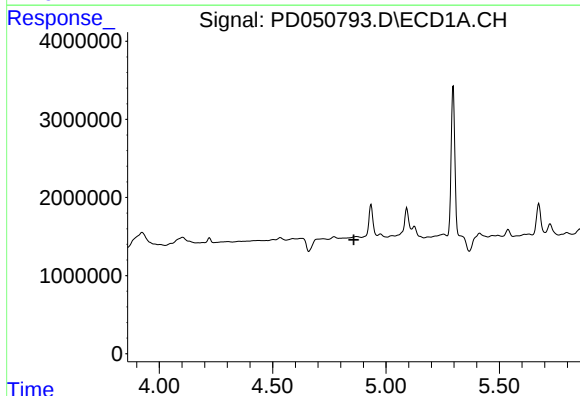
R.T.: 0.000 min  
Exp R.T.: 4.352 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



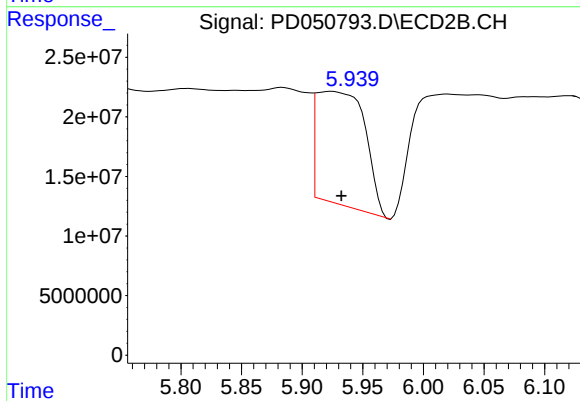
#7 delta-BHC

R.T.: 5.142 min  
Delta R.T.: 0.030 min  
Response: 5095499  
Conc: 0.14 ng/ml



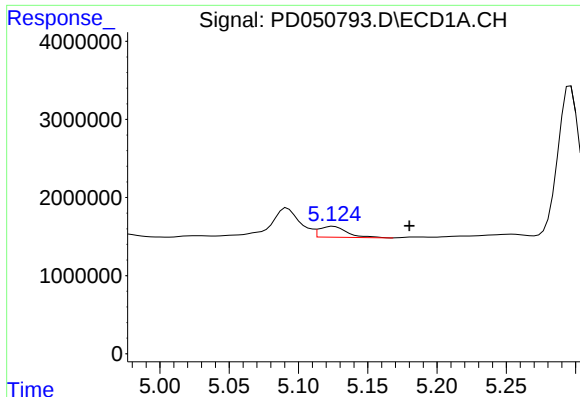
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.858 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

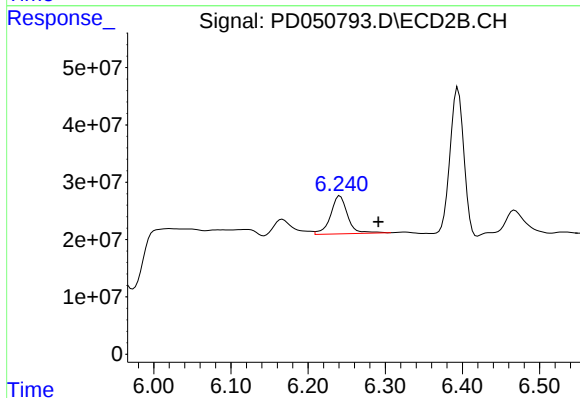
R.T.: 5.925 min  
Delta R.T.: -0.008 min  
Response: 264375949  
Conc: 8.32 ng/ml



#9 Endosulfan I

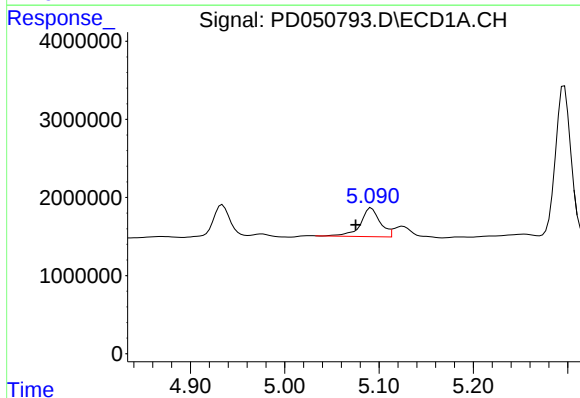
R.T.: 5.125 min  
Delta R.T.: -0.055 min  
Response: 1948136  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



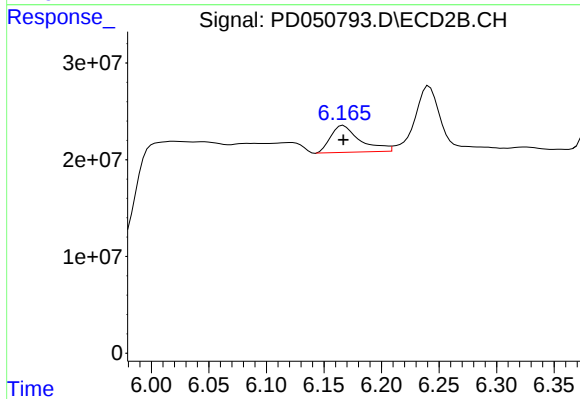
#9 Endosulfan I

R.T.: 6.241 min  
Delta R.T.: -0.050 min  
Response: 102276487  
Conc: 3.60 ng/ml



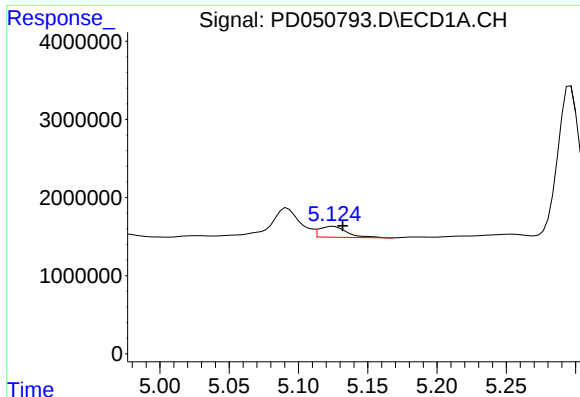
#10 gamma-Chlordane

R.T.: 5.092 min  
Delta R.T.: 0.017 min  
Response: 5311012  
Conc: 2.41 ng/ml



#10 gamma-Chlordane

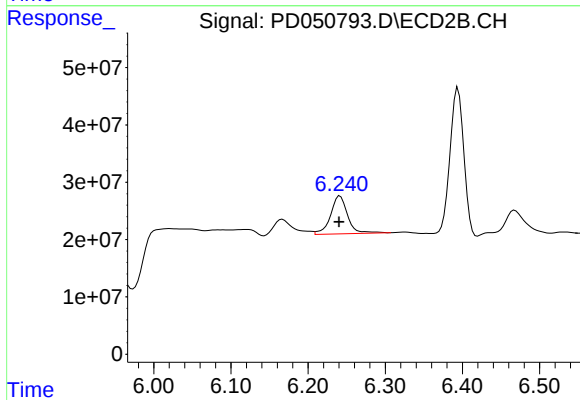
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 49581289  
Conc: 1.56 ng/ml



#11 alpha-Chlordane

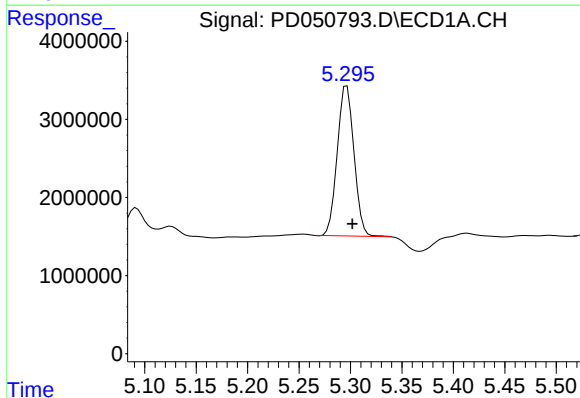
R.T.: 5.125 min  
Delta R.T.: -0.007 min  
Response: 1948136  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



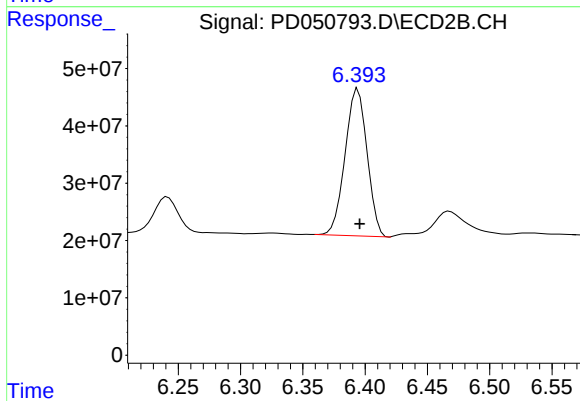
#11 alpha-Chlordane

R.T.: 6.241 min  
Delta R.T.: 0.001 min  
Response: 102276487  
Conc: 3.36 ng/ml



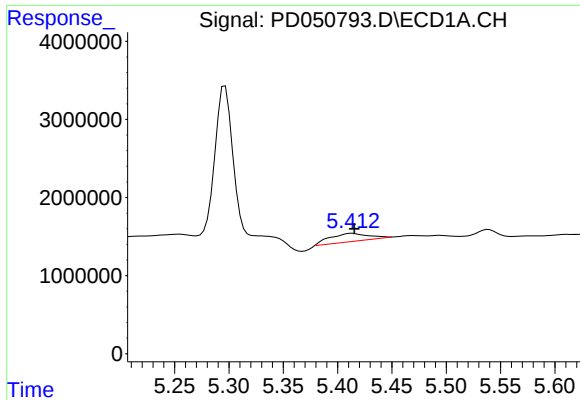
#12 4,4'-DDE

R.T.: 5.296 min  
Delta R.T.: -0.005 min  
Response: 21720726  
Conc: 10.60 ng/ml



#12 4,4'-DDE

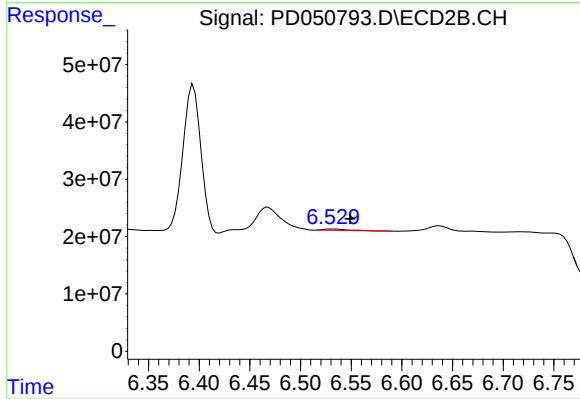
R.T.: 6.394 min  
Delta R.T.: -0.001 min  
Response: 316581973  
Conc: 10.77 ng/ml



#13 Dieldrin

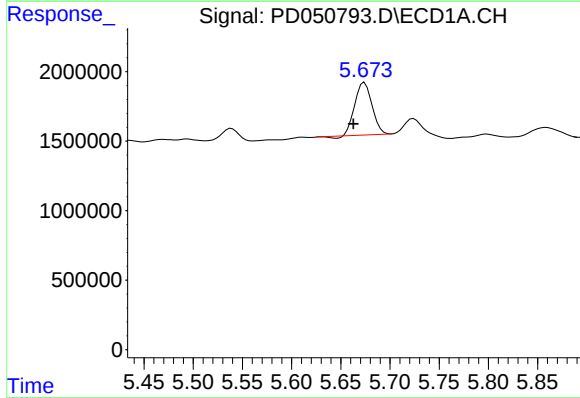
R.T.: 5.413 min  
Delta R.T.: -0.002 min  
Response: 2545433  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



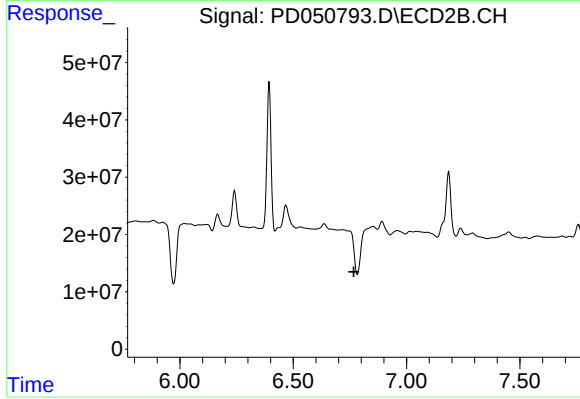
#13 Dieldrin

R.T.: 6.531 min  
Delta R.T.: -0.018 min  
Response: 4093814  
Conc: 0.14 ng/ml



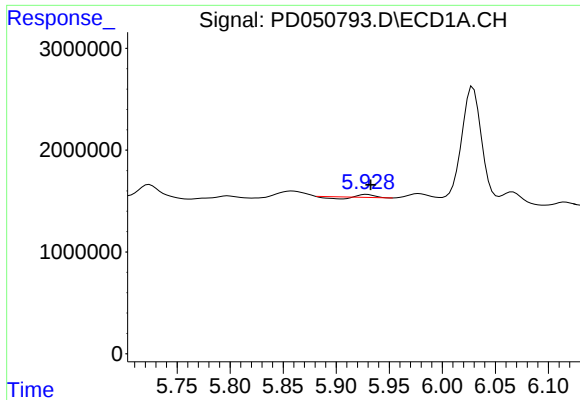
#14 Endrin

R.T.: 5.674 min  
Delta R.T.: 0.011 min  
Response: 4536247  
Conc: 2.36 ng/ml



#14 Endrin

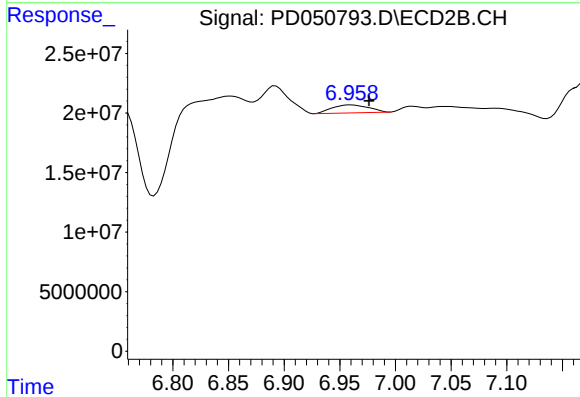
R.T.: 0.000 min  
Exp R.T. : 6.768 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

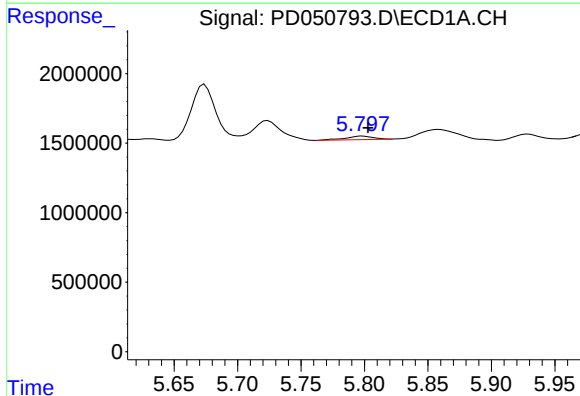
R.T.: 5.929 min  
Delta R.T.: -0.004 min  
Response: 89569  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



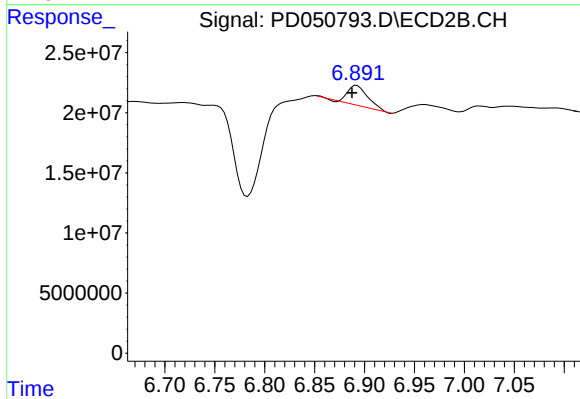
#15 Endosulfan II

R.T.: 6.960 min  
Delta R.T.: -0.017 min  
Response: 15374713  
Conc: 0.63 ng/ml



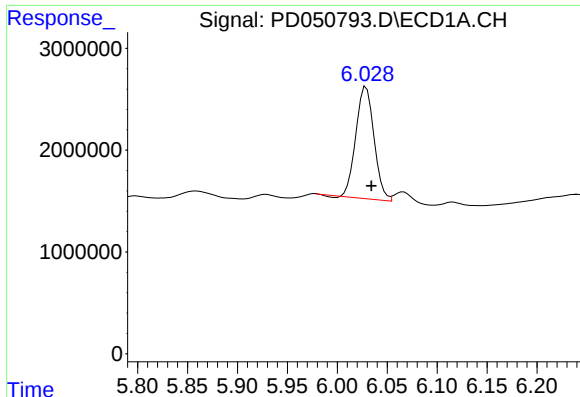
#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: -0.004 min  
Response: 372547  
Conc: 0.22 ng/ml



#16 4,4'-DDD

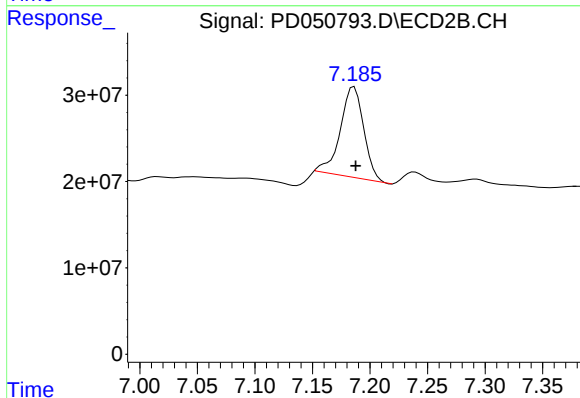
R.T.: 6.892 min  
Delta R.T.: 0.005 min  
Response: 23668380  
Conc: 1.04 ng/ml



#17 4,4'-DDT

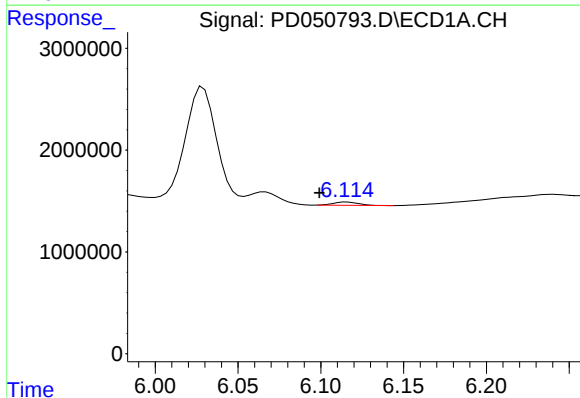
R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 13910486  
Conc: 7.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



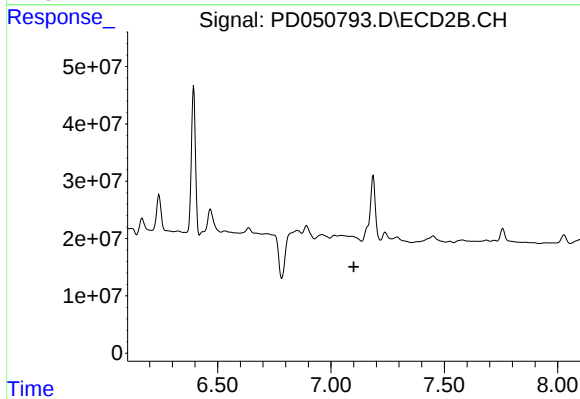
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.001 min  
Response: 149675033  
Conc: 7.25 ng/ml



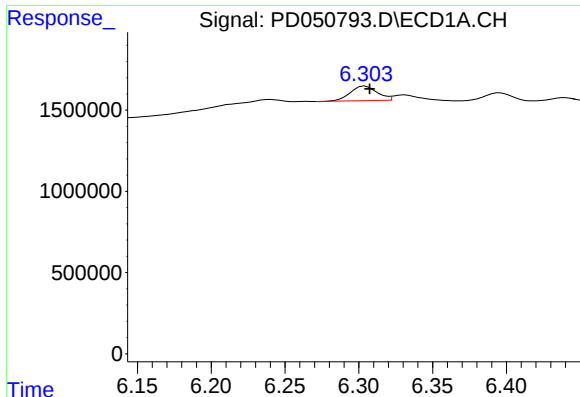
#18 Endrin aldehyde

R.T.: 6.116 min  
Delta R.T.: 0.017 min  
Response: 345813  
Conc: 0.23 ng/ml



#18 Endrin aldehyde

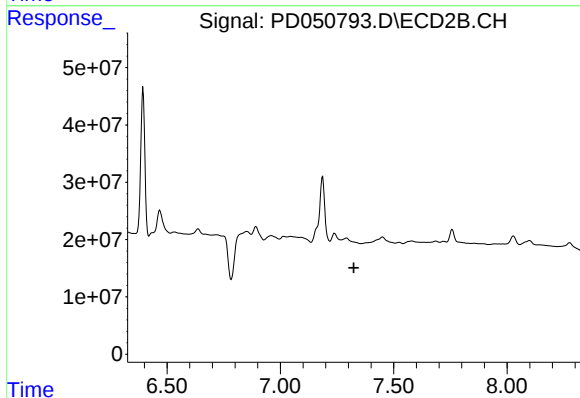
R.T.: 0.000 min  
Exp R.T. : 7.100 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

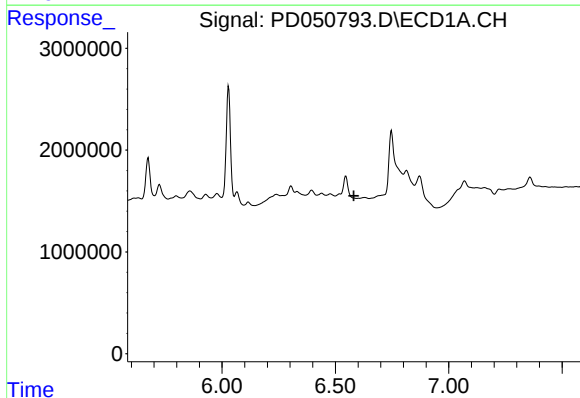
R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 1129303  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



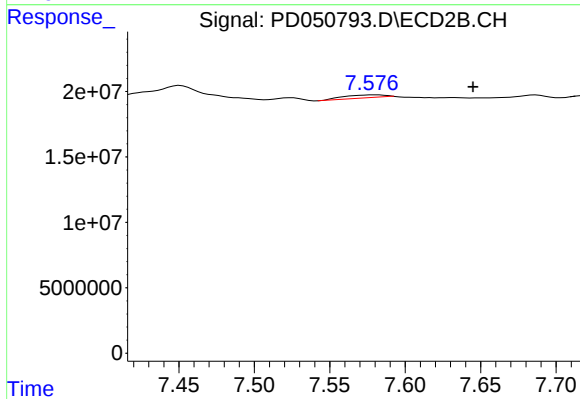
#19 Endosulfan Sulfate

R.T.: 7.292 min  
Delta R.T.: -0.032 min  
Response: -3008  
Conc: N.D.



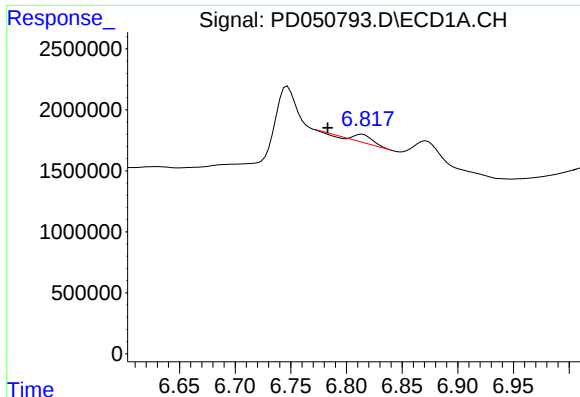
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.582 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

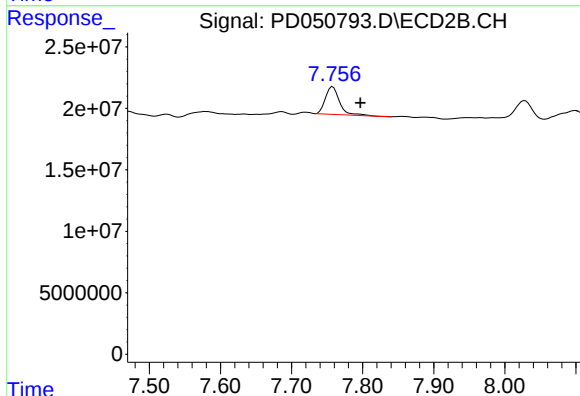
R.T.: 7.580 min  
Delta R.T.: -0.065 min  
Response: 4293914  
Conc: 0.39 ng/ml



#21 Endrin ketone

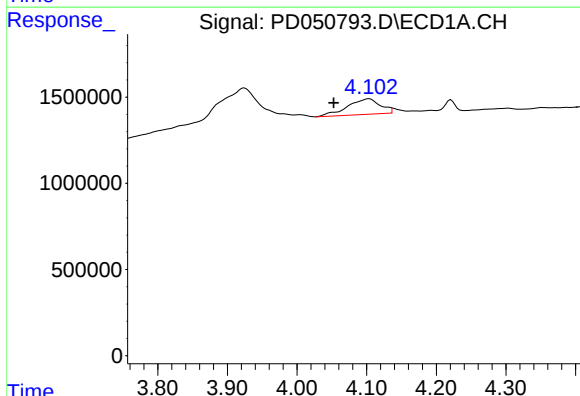
R.T.: 6.814 min  
Delta R.T.: 0.031 min  
Response: 542756  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



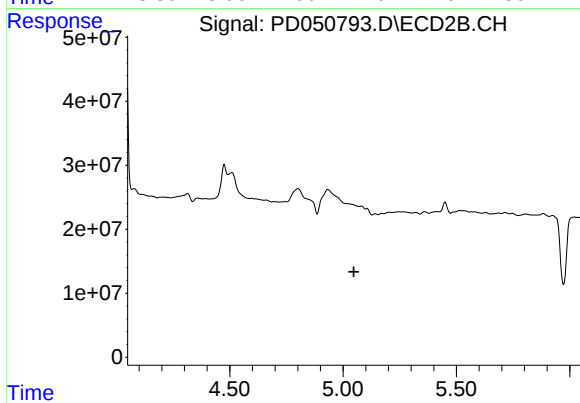
#21 Endrin ketone

R.T.: 7.758 min  
Delta R.T.: -0.039 min  
Response: 31013686  
Conc: 1.34 ng/ml



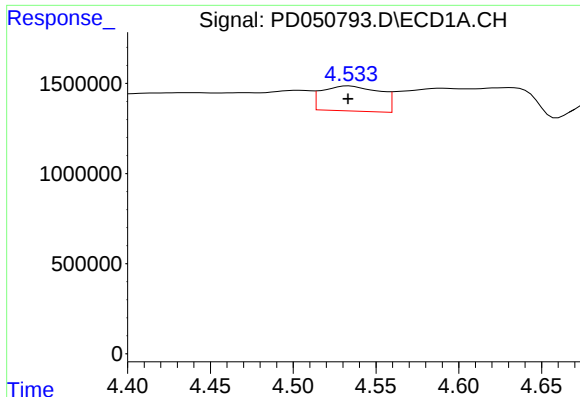
#23 Chlordane-1

R.T.: 4.104 min  
Delta R.T.: 0.051 min  
Response: 2958266  
Conc: 43.92 ng/ml



#23 Chlordane-1

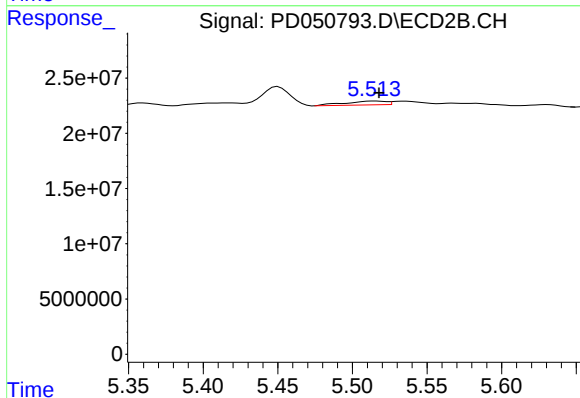
R.T.: 0.000 min  
Exp R.T.: 5.048 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

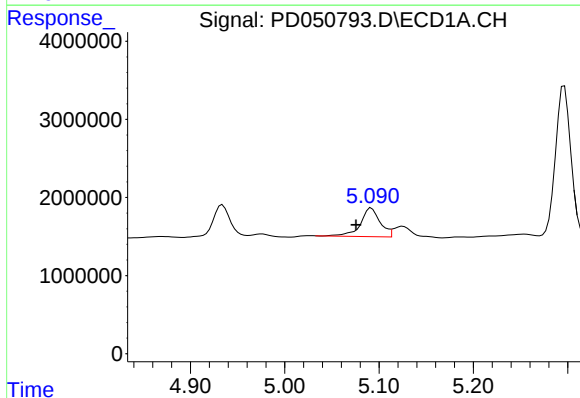
R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 3380756  
Conc: 42.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



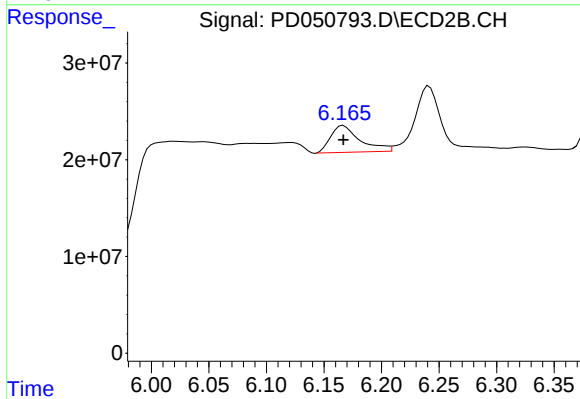
#24 Chlordane-2

R.T.: 5.515 min  
Delta R.T.: -0.003 min  
Response: 6725701  
Conc: 5.39 ng/ml



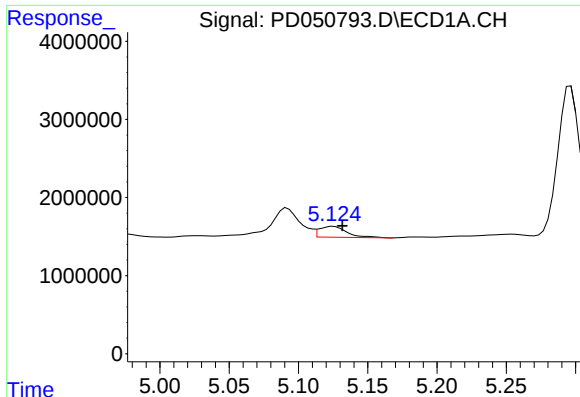
#25 Chlordane-3

R.T.: 5.092 min  
Delta R.T.: 0.016 min  
Response: 5311012  
Conc: 22.86 ng/ml



#25 Chlordane-3

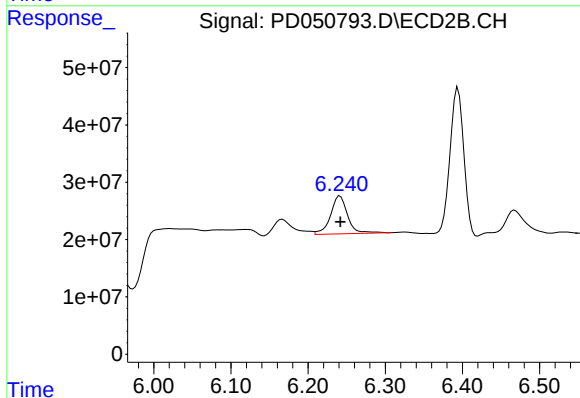
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 49581289  
Conc: 12.31 ng/ml



#26 Chlordane-4

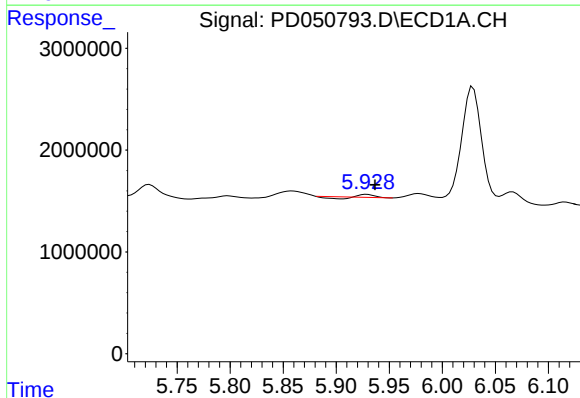
R.T.: 5.125 min  
Delta R.T.: -0.006 min  
Response: 1948136  
Conc: 8.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



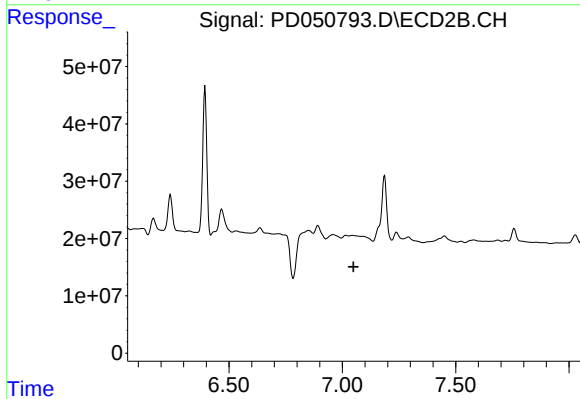
#26 Chlordane-4

R.T.: 6.241 min  
Delta R.T.: 0.000 min  
Response: 102276487  
Conc: 22.34 ng/ml



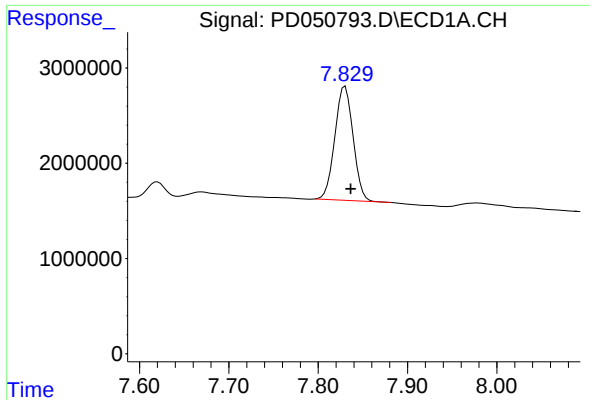
#27 Chlordane-5

R.T.: 5.929 min  
Delta R.T.: -0.008 min  
Response: 89569  
Conc: 1.18 ng/ml



#27 Chlordane-5

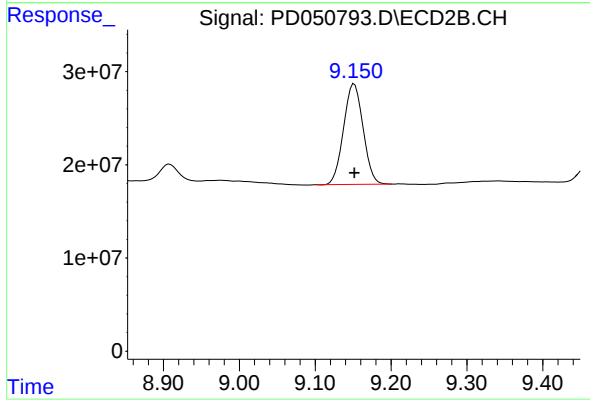
R.T.: 0.000 min  
Exp R.T.: 7.050 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.830 min  
Delta R.T.: -0.006 min  
Response: 16964334  
Conc: 11.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.152 min  
Delta R.T.: 0.000 min  
Response: 193069650  
Conc: 9.54 ng/ml