

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070721\  
 Data File : PD064154.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2021 01:55  
 Operator : AR\AJ  
 Sample : PB137500BS  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 04:35:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 08 02:29:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

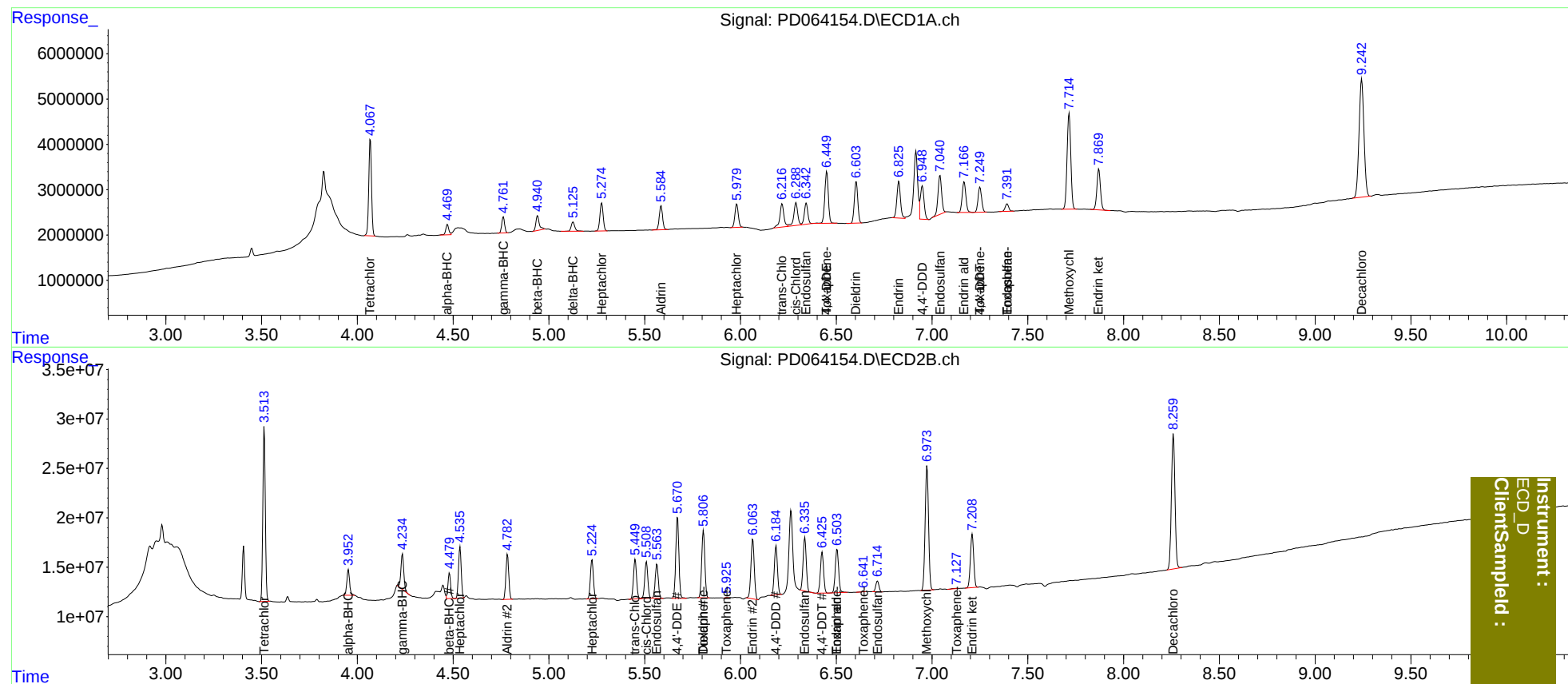
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|----------|
| -----                       |                 |        |       |          |          |          |          |
| System Monitoring Compounds |                 |        |       |          |          |          |          |
| 1)                          | SA Tetrachlo... | 4.068  | 3.514 | 21302333 | 158.4E6  | 15.169   | 19.537 # |
| 27)                         | SA Decachlor... | 9.243  | 8.260 | 46601845 | 178.5E6  | 35.150   | 35.171   |
| Target Compounds            |                 |        |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.470  | 3.953 | 2522655  | 26567335 | 1.288    | 2.473 #  |
| 3)                          | MA gamma-BHC... | 4.762  | 4.236 | 3721030  | 36723214 | 1.968    | 3.681 #  |
| 4)                          | MA Heptachlor   | 5.276  | 4.536 | 7298888  | 51392042 | 3.898    | 5.432 #  |
| 5)                          | MB Aldrin       | 5.586  | 4.784 | 6416987  | 47299063 | 3.860    | 5.452 #  |
| 6)                          | B beta-BHC      | 4.941  | 4.481 | 4131883  | 25270601 | 4.683    | 5.545    |
| 7)                          | B delta-BHC     | 5.126f | 0.000 | 2649730  | 0        | 1.448    | N.D. #   |
| 8)                          | B Heptachlo...  | 5.981  | 5.225 | 6395240  | 43472137 | 4.053    | 5.876 #  |
| 9)                          | A Endosulfan I  | 6.343  | 5.564 | 5922830  | 38369933 | 4.069    | 5.101 #  |
| 10)                         | B trans-Chl...  | 6.217  | 5.450 | 7491560  | 44702976 | 4.673    | 5.737    |
| 11)                         | B cis-Chlor...  | 6.290  | 5.509 | 7143508  | 41596330 | 4.585    | 5.499    |
| 12)                         | B 4,4'-DDE      | 6.451  | 5.671 | 14726541 | 93648861 | 9.368    | 13.169 # |
| 13)                         | MA Dieldrin     | 6.605  | 5.807 | 11440029 | 77480018 | 7.390    | 10.522 # |
| 14)                         | MA Endrin       | 6.827  | 6.064 | 10581180 | 72991533 | 8.433    | 11.634 # |
| 15)                         | B Endosulfa...  | 7.042  | 6.336 | 11361778 | 61810947 | 8.662    | 10.552   |
| 16)                         | A 4,4'-DDD      | 6.949  | 6.186 | 9938107  | 56409167 | 7.617    | 9.595 #  |
| 17)                         | MA 4,4'-DDT     | 7.250  | 6.427 | 7211513  | 48083768 | 5.735    | 7.838 #  |
| 18)                         | B Endrin al...  | 7.168  | 6.505 | 9033633  | 54065010 | 8.582    | 11.013 # |
| 19)                         | B Endosulfa...  | 7.392  | 6.716 | 2166790  | 12500339 | 1.742    | 2.499 #  |
| 20)                         | A Methoxychlor  | 7.716  | 6.974 | 28575277 | 155.2E6  | 42.305   | 55.900 # |
| 21)                         | B Endrin ke...  | 7.871  | 7.210 | 11653139 | 65018383 | 8.339    | 10.468 # |
| 22)                         | Toxaphene-1     | 6.451  | 5.807 | 14726541 | 77480018 | 2098.995 | 1720.364 |
| 23)                         | Toxaphene-2     | 0.000  | 5.928 | 0        | 273703   | N.D.     | 5.441    |
| 24)                         | Toxaphene-3     | 7.250  | 6.505 | 7211513  | 54065010 | 660.674  | 674.283  |
| 25)                         | Toxaphene-4     | 7.392  | 6.642 | 2166790  | 165226   | 100.845  | 1.452 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.128 | 0        | 702885   | N.D.     | 9.106    |
| -----                       |                 |        |       |          |          |          |          |

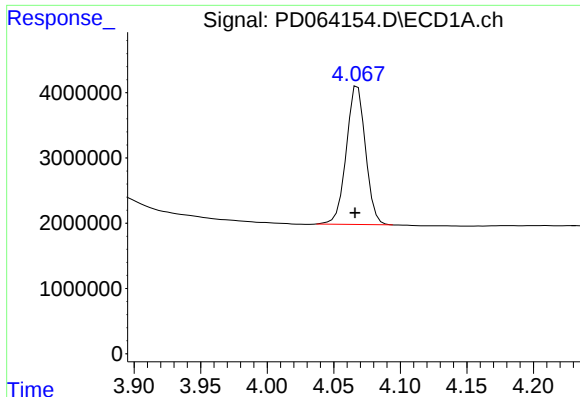
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070721\  
Data File : PD064154.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2021 01:55  
Operator : AR\AJ  
Sample : PB137500BS  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 04:35:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070621CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 08 02:29:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

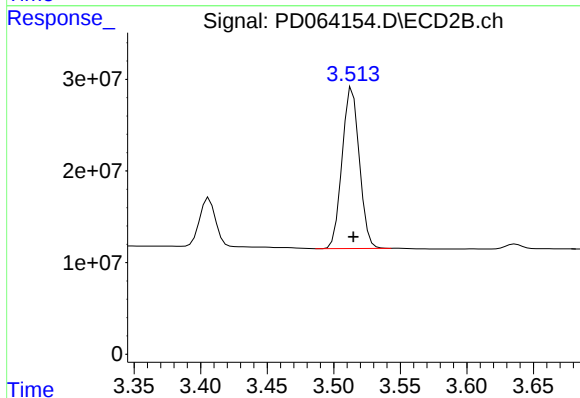




#1 Tetrachloro-m-xylene

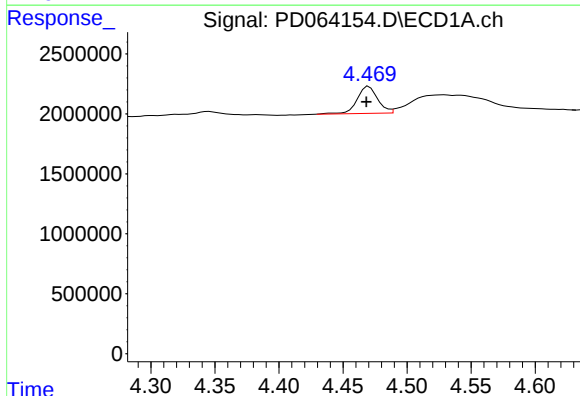
R.T.: 4.068 min  
Delta R.T.: 0.002 min  
Response: 21302333  
Conc: 15.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



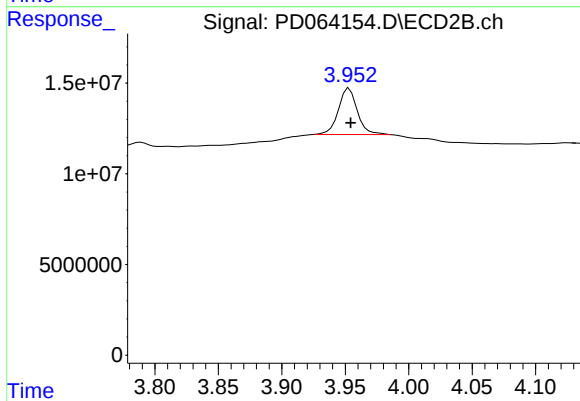
#1 Tetrachloro-m-xylene

R.T.: 3.514 min  
Delta R.T.: 0.000 min  
Response: 158409318  
Conc: 19.54 ng/ml



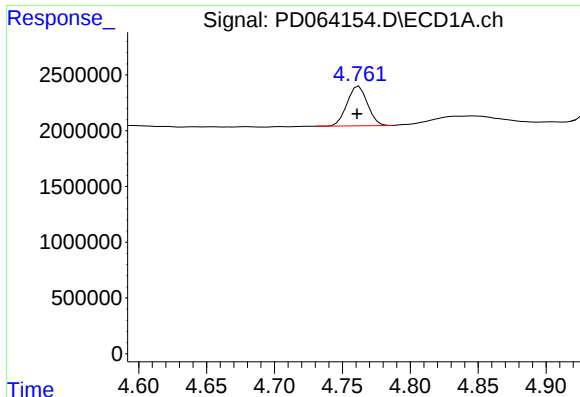
#2 alpha-BHC

R.T.: 4.470 min  
Delta R.T.: 0.002 min  
Response: 2522655  
Conc: 1.29 ng/ml



#2 alpha-BHC

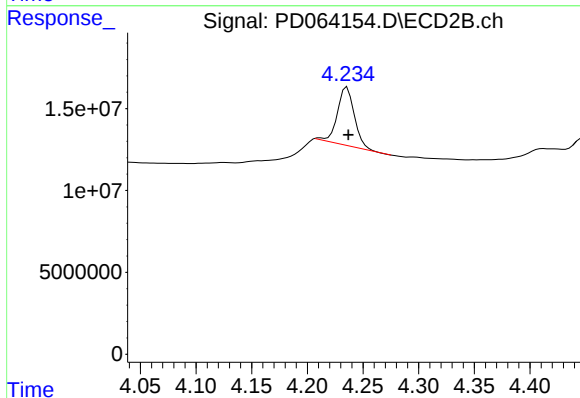
R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 26567335  
Conc: 2.47 ng/ml



#3 gamma-BHC (Lindane)

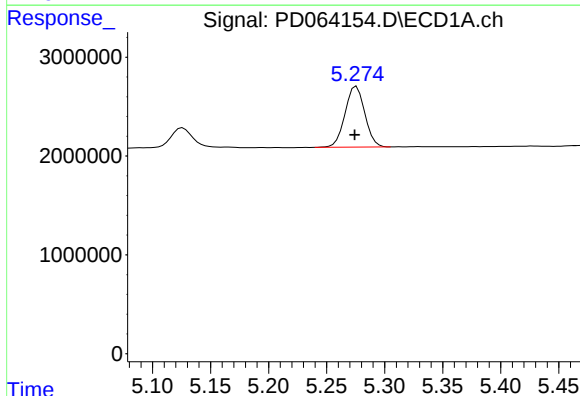
R.T.: 4.762 min  
Delta R.T.: 0.002 min  
Response: 3721030  
Conc: 1.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



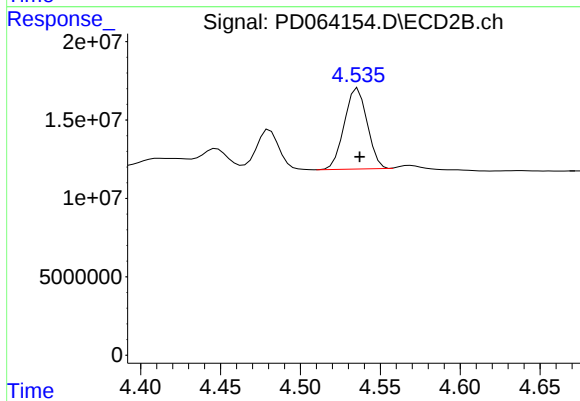
#3 gamma-BHC (Lindane)

R.T.: 4.236 min  
Delta R.T.: -0.001 min  
Response: 36723214  
Conc: 3.68 ng/ml



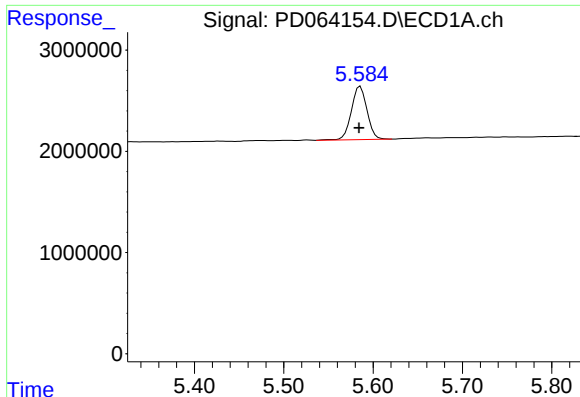
#4 Heptachlor

R.T.: 5.276 min  
Delta R.T.: 0.001 min  
Response: 7298888  
Conc: 3.90 ng/ml



#4 Heptachlor

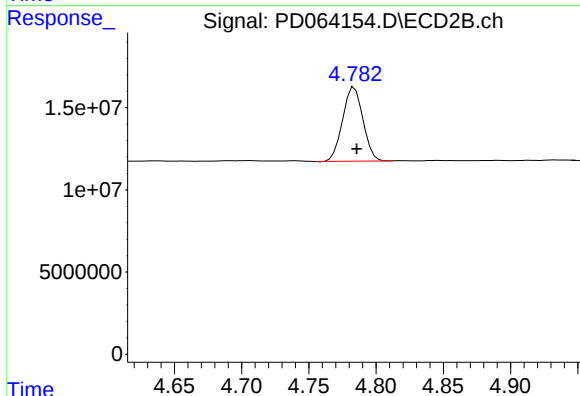
R.T.: 4.536 min  
Delta R.T.: -0.001 min  
Response: 51392042  
Conc: 5.43 ng/ml



#5 Aldrin

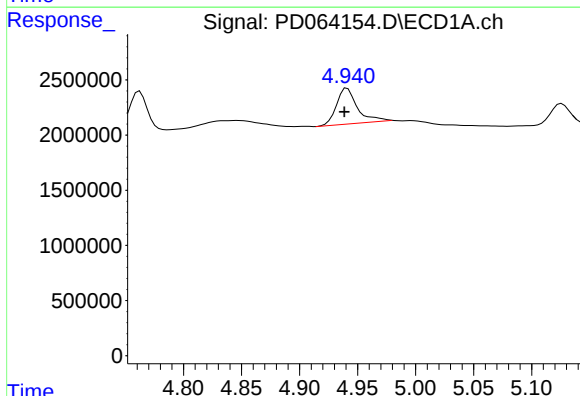
R.T.: 5.586 min  
Delta R.T.: 0.002 min  
Response: 6416987  
Conc: 3.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



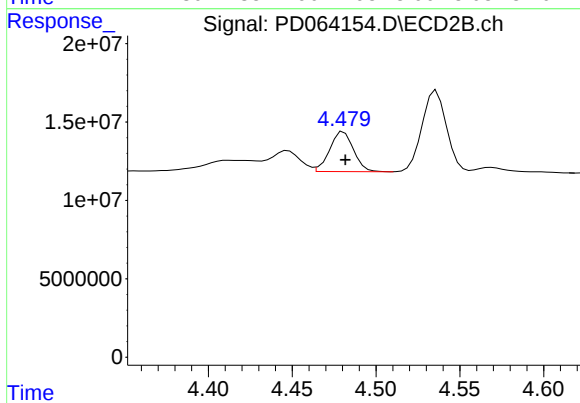
#5 Aldrin

R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 47299063  
Conc: 5.45 ng/ml



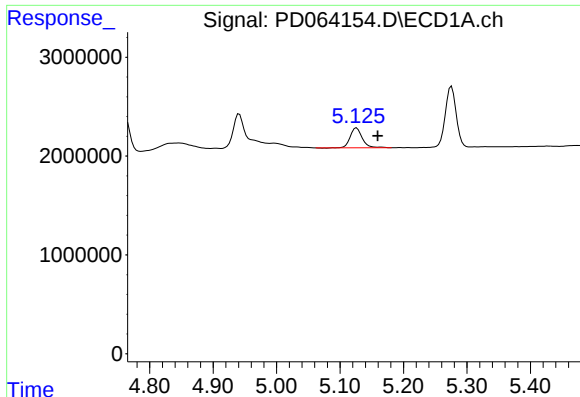
#6 beta-BHC

R.T.: 4.941 min  
Delta R.T.: 0.002 min  
Response: 4131883  
Conc: 4.68 ng/ml



#6 beta-BHC

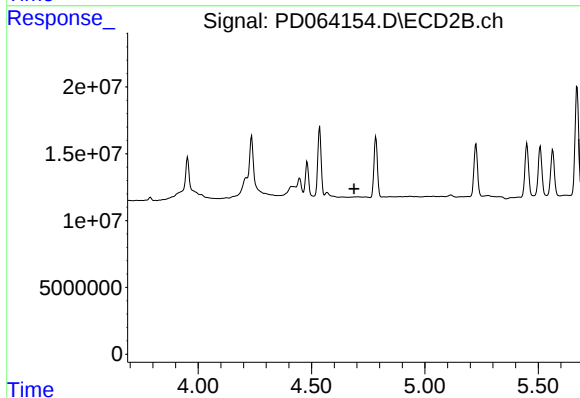
R.T.: 4.481 min  
Delta R.T.: -0.001 min  
Response: 25270601  
Conc: 5.55 ng/ml



#7 delta-BHC

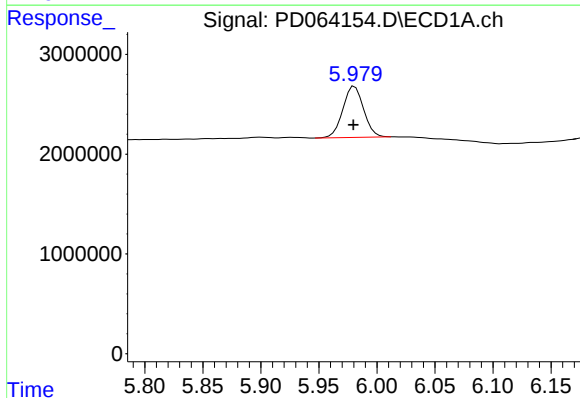
R.T.: 5.126 min  
Delta R.T.: -0.034 min  
Response: 2649730  
Conc: 1.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



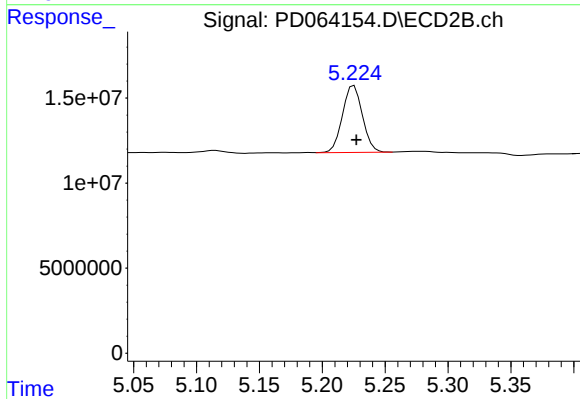
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.688 min  
Response: 0  
Conc: N.D.



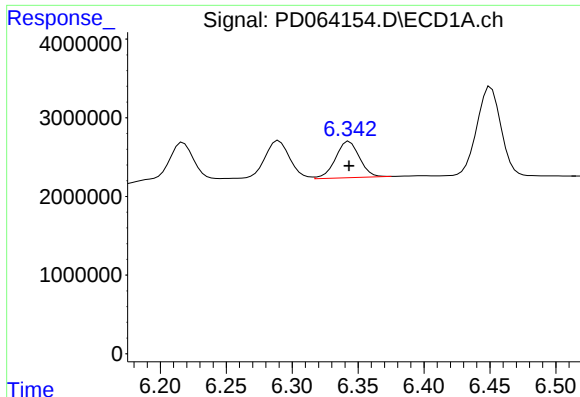
#8 Heptachlor epoxide

R.T.: 5.981 min  
Delta R.T.: 0.001 min  
Response: 6395240  
Conc: 4.05 ng/ml



#8 Heptachlor epoxide

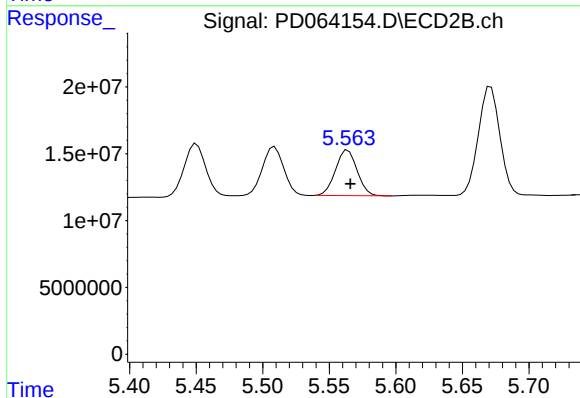
R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 43472137  
Conc: 5.88 ng/ml



#9 Endosulfan I

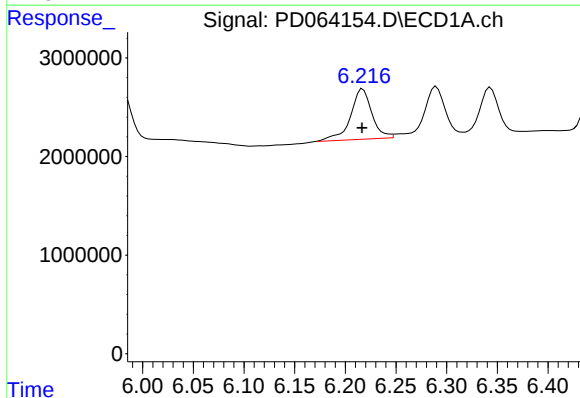
R.T.: 6.343 min  
Delta R.T.: 0.000 min  
Response: 5922830  
Conc: 4.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



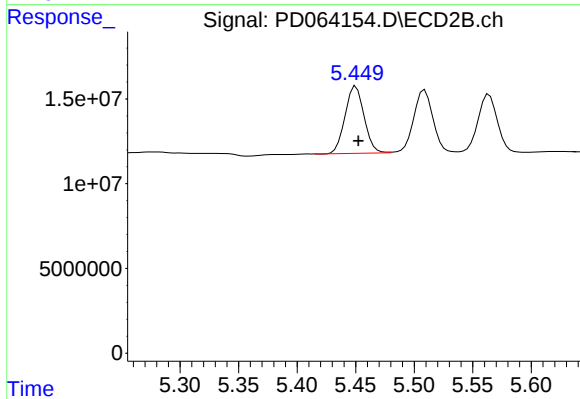
#9 Endosulfan I

R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 38369933  
Conc: 5.10 ng/ml



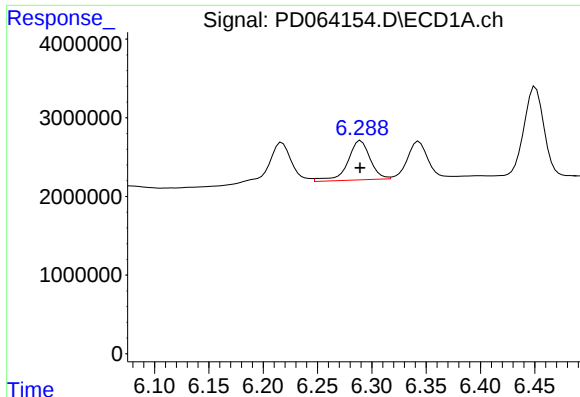
#10 trans-Chlordane

R.T.: 6.217 min  
Delta R.T.: 0.000 min  
Response: 7491560  
Conc: 4.67 ng/ml



#10 trans-Chlordane

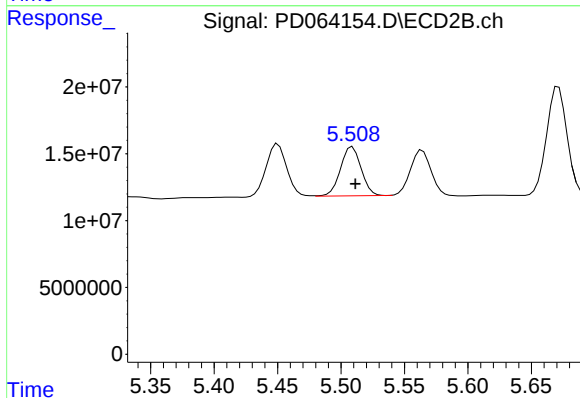
R.T.: 5.450 min  
Delta R.T.: -0.002 min  
Response: 44702976  
Conc: 5.74 ng/ml



#11 cis-Chlordane

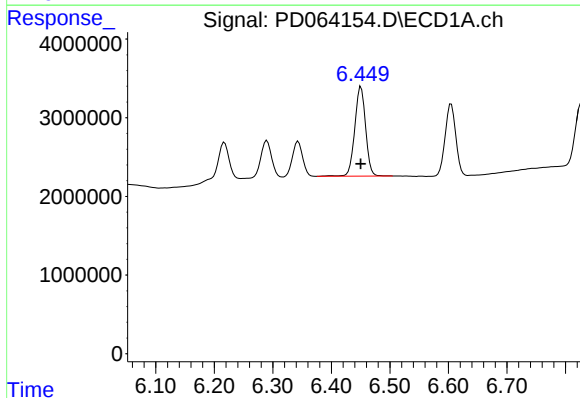
R.T.: 6.290 min  
Delta R.T.: 0.000 min  
Response: 7143508  
Conc: 4.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



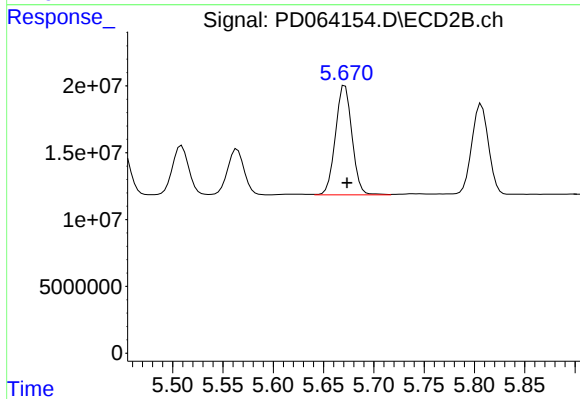
#11 cis-Chlordane

R.T.: 5.509 min  
Delta R.T.: -0.002 min  
Response: 41596330  
Conc: 5.50 ng/ml



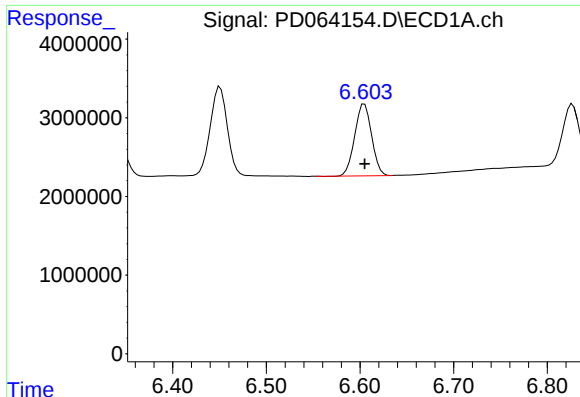
#12 4,4'-DDE

R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 14726541  
Conc: 9.37 ng/ml



#12 4,4'-DDE

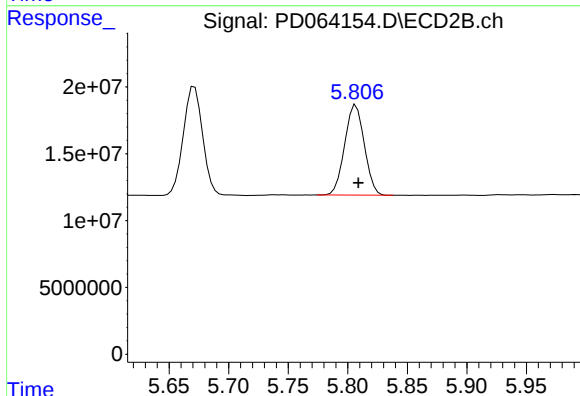
R.T.: 5.671 min  
Delta R.T.: -0.002 min  
Response: 93648861  
Conc: 13.17 ng/ml



#13 Dieldrin

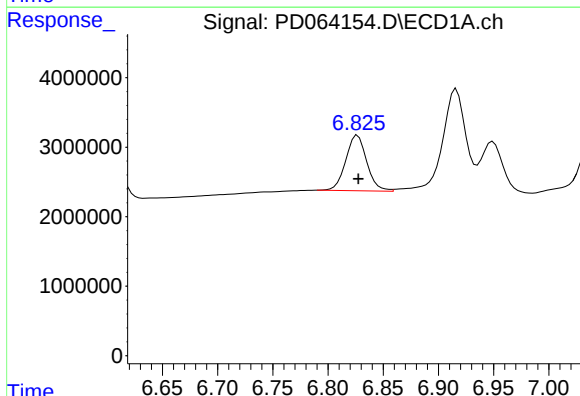
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 11440029  
Conc: 7.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



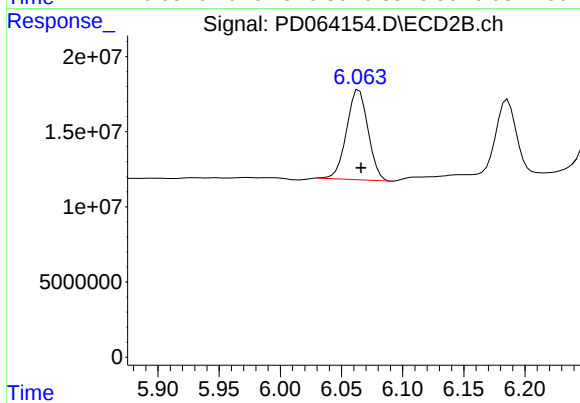
#13 Dieldrin

R.T.: 5.807 min  
Delta R.T.: -0.002 min  
Response: 77480018  
Conc: 10.52 ng/ml



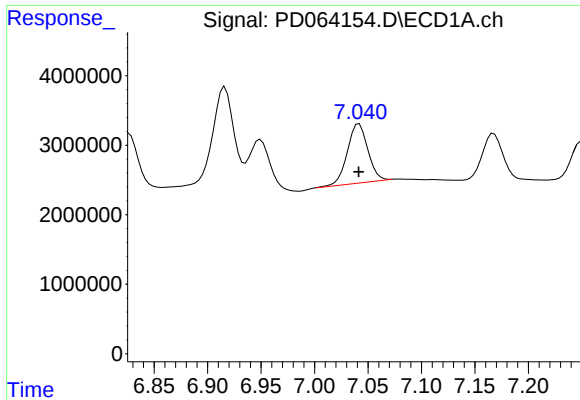
#14 Endrin

R.T.: 6.827 min  
Delta R.T.: 0.000 min  
Response: 10581180  
Conc: 8.43 ng/ml



#14 Endrin

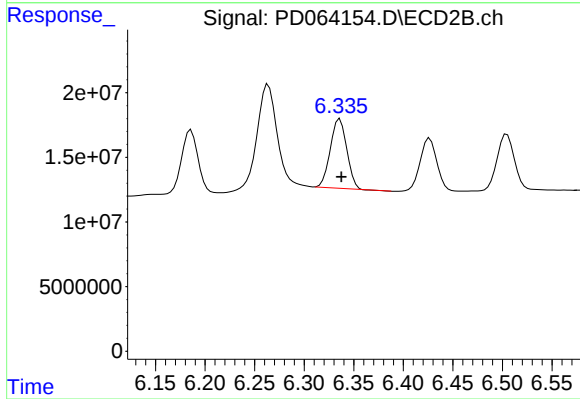
R.T.: 6.064 min  
Delta R.T.: -0.002 min  
Response: 72991533  
Conc: 11.63 ng/ml



#15 Endosulfan II

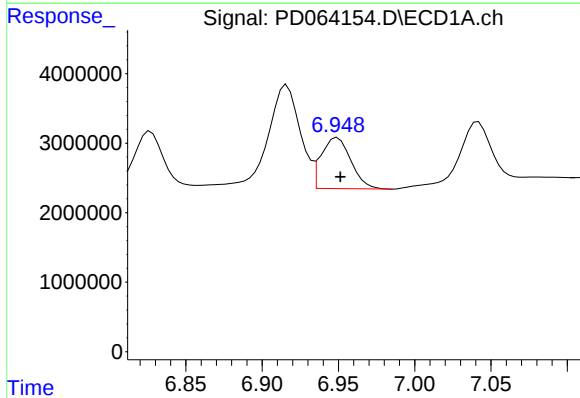
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 11361778  
Conc: 8.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



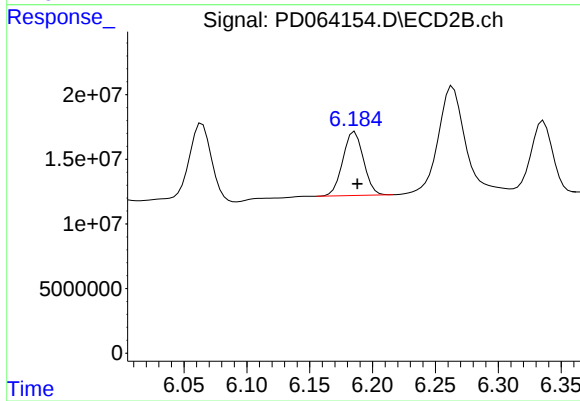
#15 Endosulfan II

R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 61810947  
Conc: 10.55 ng/ml



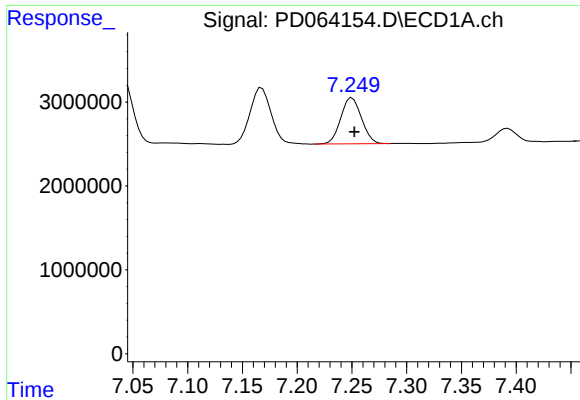
#16 4,4'-DDD

R.T.: 6.949 min  
Delta R.T.: -0.002 min  
Response: 9938107  
Conc: 7.62 ng/ml



#16 4,4'-DDD

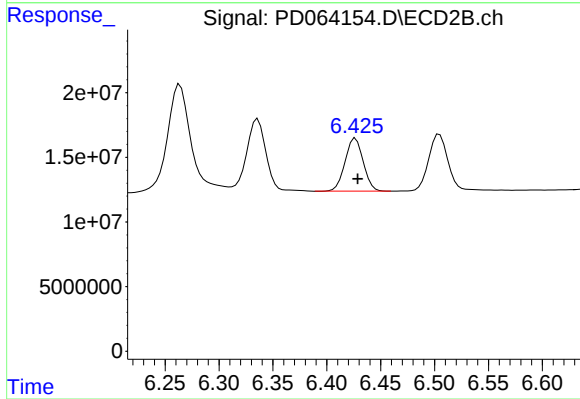
R.T.: 6.186 min  
Delta R.T.: -0.002 min  
Response: 56409167  
Conc: 9.59 ng/ml



#17 4,4'-DDT

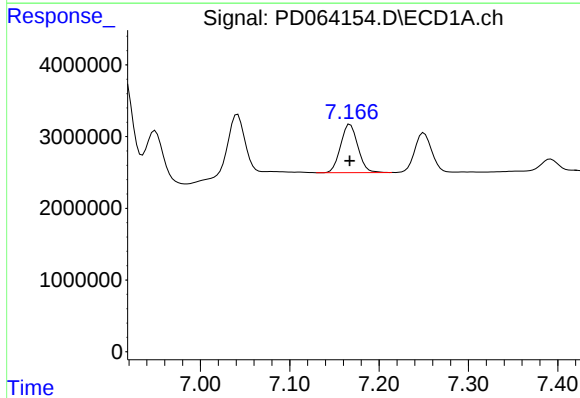
R.T.: 7.250 min  
Delta R.T.: -0.002 min  
Response: 7211513  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



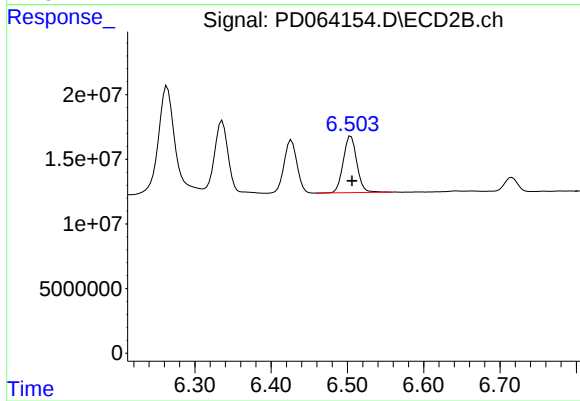
#17 4,4'-DDT

R.T.: 6.427 min  
Delta R.T.: -0.002 min  
Response: 48083768  
Conc: 7.84 ng/ml



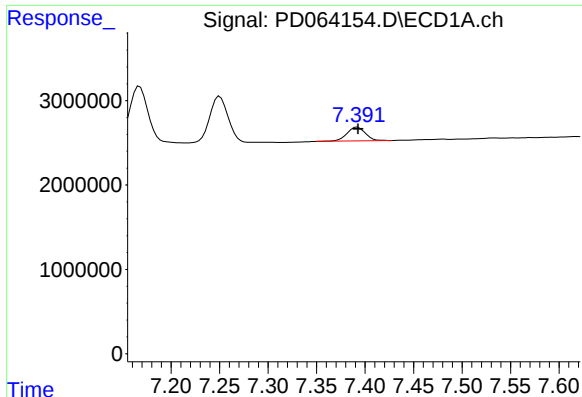
#18 Endrin aldehyde

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 9033633  
Conc: 8.58 ng/ml



#18 Endrin aldehyde

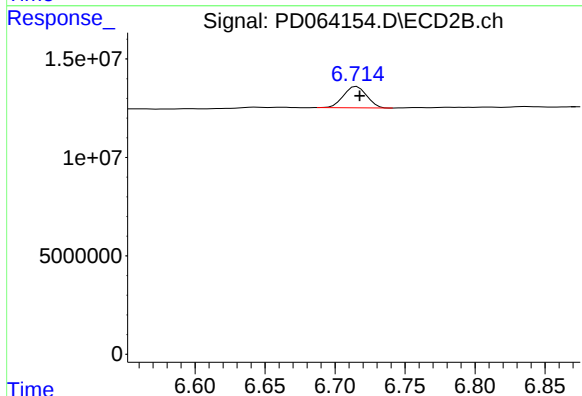
R.T.: 6.505 min  
Delta R.T.: -0.002 min  
Response: 54065010  
Conc: 11.01 ng/ml



#19 Endosulfan Sulfate

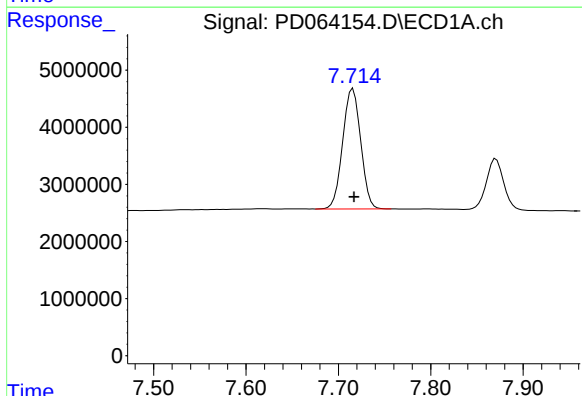
R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 2166790  
Conc: 1.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



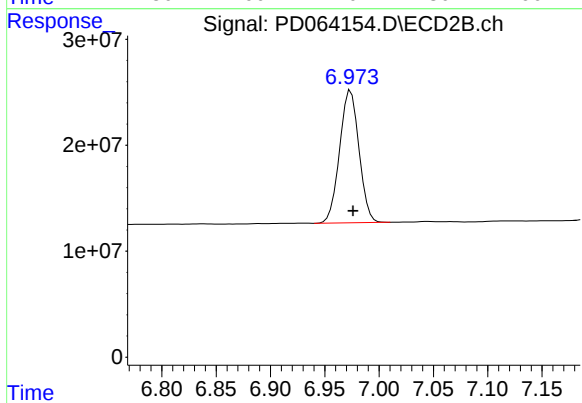
#19 Endosulfan Sulfate

R.T.: 6.716 min  
Delta R.T.: -0.002 min  
Response: 12500339  
Conc: 2.50 ng/ml



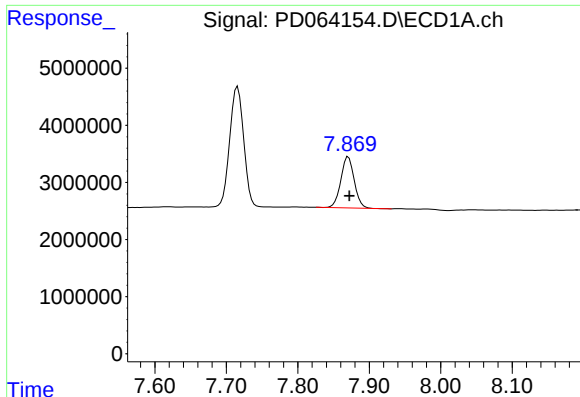
#20 Methoxychlor

R.T.: 7.716 min  
Delta R.T.: -0.001 min  
Response: 28575277  
Conc: 42.30 ng/ml



#20 Methoxychlor

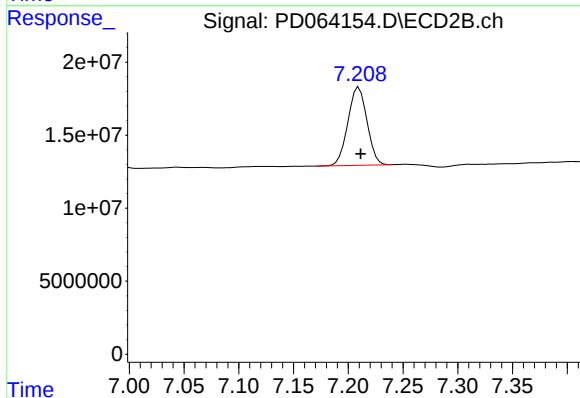
R.T.: 6.974 min  
Delta R.T.: -0.002 min  
Response: 155202050  
Conc: 55.90 ng/ml



#21 Endrin ketone

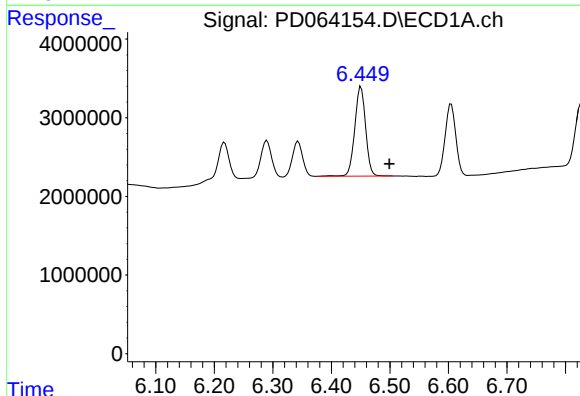
R.T.: 7.871 min  
Delta R.T.: -0.002 min  
Response: 11653139  
Conc: 8.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



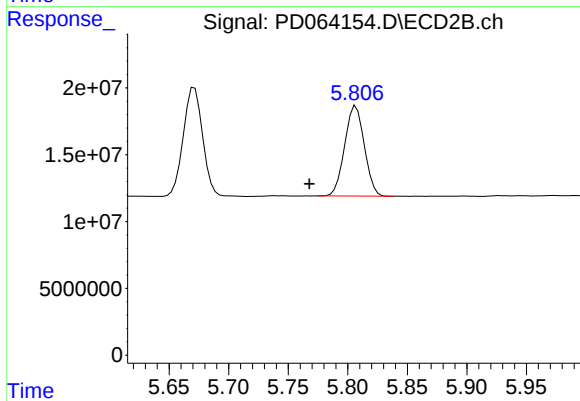
#21 Endrin ketone

R.T.: 7.210 min  
Delta R.T.: -0.001 min  
Response: 65018383  
Conc: 10.47 ng/ml



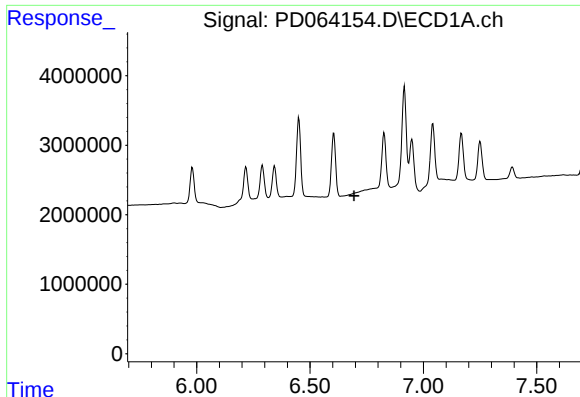
#22 Toxaphene-1

R.T.: 6.451 min  
Delta R.T.: -0.049 min  
Response: 14726541  
Conc: 2099.00 ng/ml



#22 Toxaphene-1

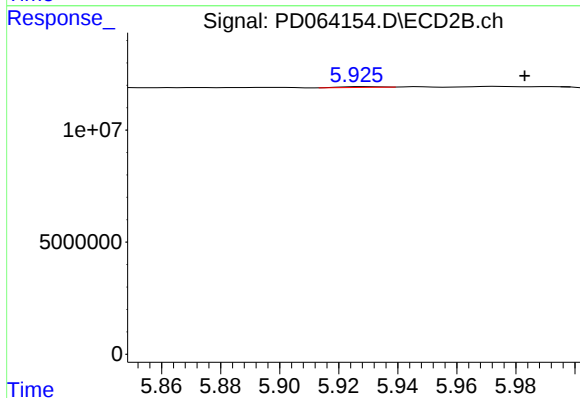
R.T.: 5.807 min  
Delta R.T.: 0.039 min  
Response: 77480018  
Conc: 1720.36 ng/ml



#23 Toxaphene-2

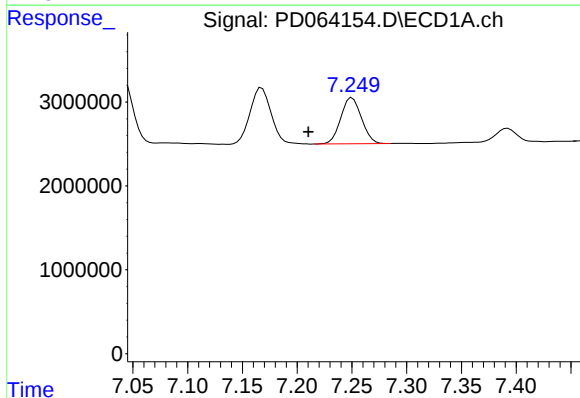
R.T.: 0.000 min  
Exp R.T.: 6.695 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



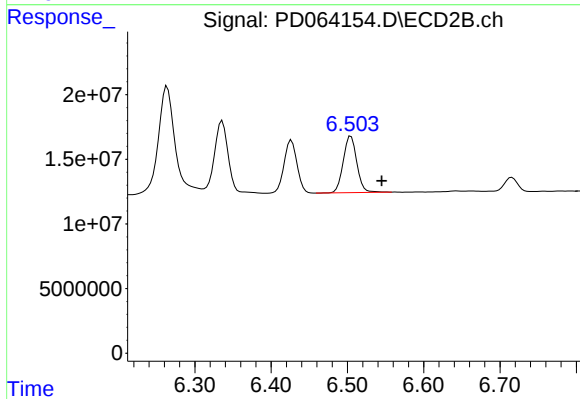
#23 Toxaphene-2

R.T.: 5.928 min  
Delta R.T.: -0.055 min  
Response: 273703  
Conc: 5.44 ng/ml



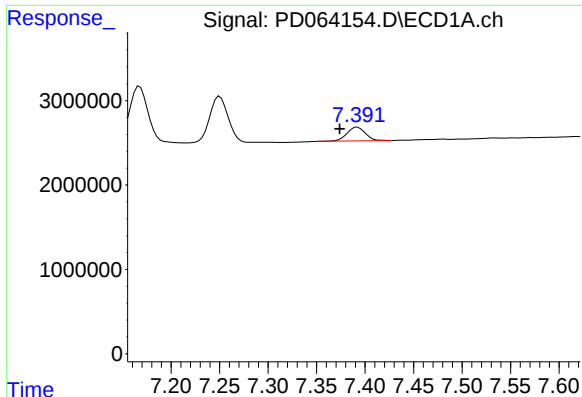
#24 Toxaphene-3

R.T.: 7.250 min  
Delta R.T.: 0.040 min  
Response: 7211513  
Conc: 660.67 ng/ml



#24 Toxaphene-3

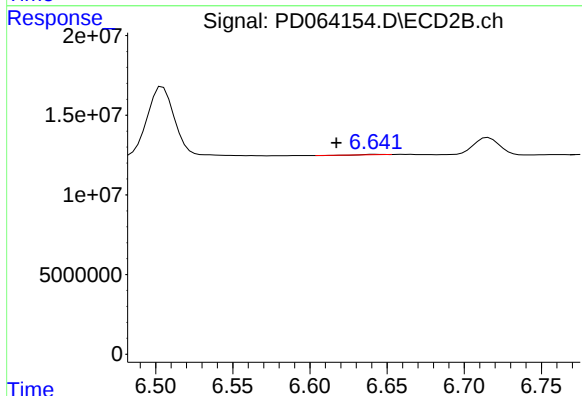
R.T.: 6.505 min  
Delta R.T.: -0.040 min  
Response: 54065010  
Conc: 674.28 ng/ml



#25 Toxaphene-4

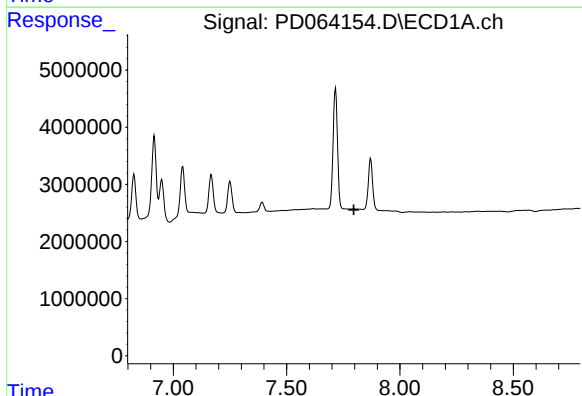
R.T.: 7.392 min  
Delta R.T.: 0.018 min  
Response: 2166790  
Conc: 100.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



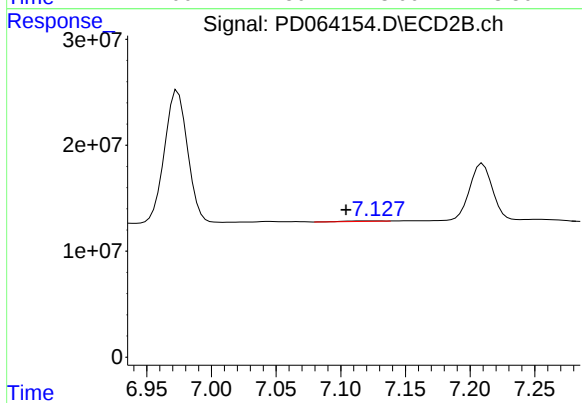
#25 Toxaphene-4

R.T.: 6.642 min  
Delta R.T.: 0.025 min  
Response: 165226  
Conc: 1.45 ng/ml



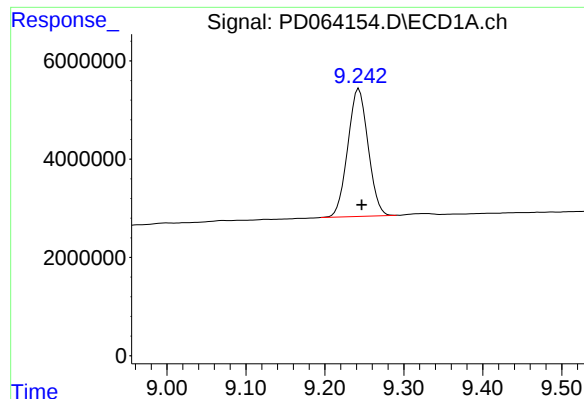
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.796 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

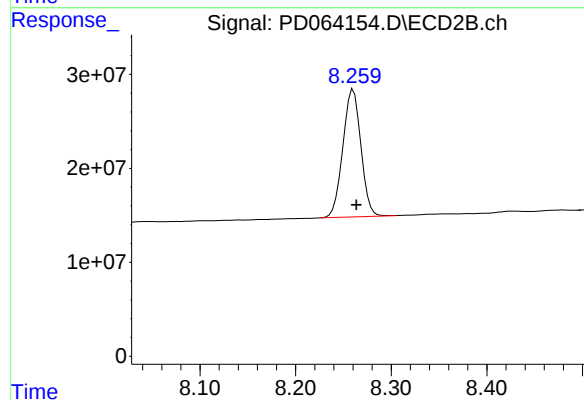
R.T.: 7.128 min  
Delta R.T.: 0.024 min  
Response: 702885  
Conc: 9.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.243 min  
Delta R.T.: -0.004 min  
Response: 46601845  
Conc: 35.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: -0.003 min  
Response: 178469392  
Conc: 35.17 ng/ml