

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011019\  
 Data File : PD050964.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Jan 2019 1:59  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 04:29:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 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... | 3.227 | 4.047 | 78753143 | 1424.4E6 | 52.726   | 47.862     |
| 28)                         | SA Decachlor... | 7.834 | 9.163 | 56550652 | 817.9E6  | 46.592   | 40.987     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.648 | 4.440 | 131.0E6  | 2187.9E6 | 54.418   | 48.011     |
| 3)                          | MA gamma-BHC... | 3.916 | 4.727 | 124.0E6  | 1993.0E6 | 52.566   | 47.949     |
| 4)                          | MA Heptachlor   | 4.195 | 5.241 | 125.7E6  | 1959.8E6 | 52.497   | 48.035     |
| 5)                          | MB Aldrin       | 4.427 | 5.548 | 127.0E6  | 1874.8E6 | 53.530   | 47.894     |
| 6)                          | B beta-BHC      | 4.162 | 4.896 | 49929804 | 862.6E6  | 52.728   | 47.668     |
| 7)                          | B delta-BHC     | 4.351 | 5.116 | 123.4E6  | 1932.3E6 | 54.808   | 49.731     |
| 8)                          | B Heptachlo...  | 4.855 | 5.936 | 118.4E6  | 1680.8E6 | 52.672   | 48.206     |
| 9)                          | A Endosulfan I  | 5.177 | 6.295 | 111.9E6  | 1502.9E6 | 52.496   | 47.762     |
| 10)                         | B gamma-Chl...  | 5.072 | 6.171 | 123.4E6  | 1677.9E6 | 52.677   | 48.311     |
| 11)                         | B alpha-Chl...  | 5.129 | 6.245 | 120.9E6  | 1611.0E6 | 52.337   | 47.529     |
| 12)                         | B 4,4'-DDE      | 5.299 | 6.400 | 116.0E6  | 1569.3E6 | 53.731   | 47.601     |
| 13)                         | MA Dieldrin     | 5.413 | 6.553 | 124.4E6  | 1589.3E6 | 53.124   | 47.644     |
| 14)                         | MA Endrin       | 5.660 | 6.772 | 104.8E6  | 1188.3E6 | 47.851   | 42.194     |
| 15)                         | B Endosulfa...  | 5.930 | 6.981 | 104.9E6  | 1232.1E6 | 52.462   | 45.015     |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.892 | 95773692 | 1191.9E6 | 54.241   | 45.425     |
| 17)                         | MA 4,4'-DDT     | 6.032 | 7.192 | 98583638 | 1071.1E6 | 52.393   | 44.876     |
| 18)                         | B Endrin al...  | 6.097 | 7.105 | 85536393 | 1022.9E6 | 52.983   | 44.882     |
| 19)                         | B Endosulfa...  | 6.305 | 7.329 | 100.4E6  | 1175.3E6 | 51.278   | 43.538     |
| 20)                         | A Methoxychlor  | 6.578 | 7.651 | 48378682 | 530.7E6  | 50.621   | 43.591     |
| 21)                         | B Endrin ke...  | 6.781 | 7.804 | 113.2E6  | 1125.1E6 | 53.163   | 44.255     |
| 23)                         | Chlordane-1     | 4.081 | 5.116 | 821996   | 1932.3E6 | 12.042   | 1298.694 # |
| 24)                         | Chlordane-2     | 0.000 | 5.548 | 0        | 1874.8E6 | N.D.     | 1397.375 # |
| 25)                         | Chlordane-3     | 5.072 | 6.171 | 123.4E6  | 1677.9E6 | 496.198  | 386.646    |
| 26)                         | Chlordane-4     | 5.129 | 6.245 | 120.9E6  | 1611.0E6 | 502.359  | 325.785 #  |
| 27)                         | Chlordane-5     | 5.930 | 7.105 | 104.9E6  | 1022.9E6 | 1316.613 | 992.030    |
| -----                       |                 |       |       |          |          |          |            |

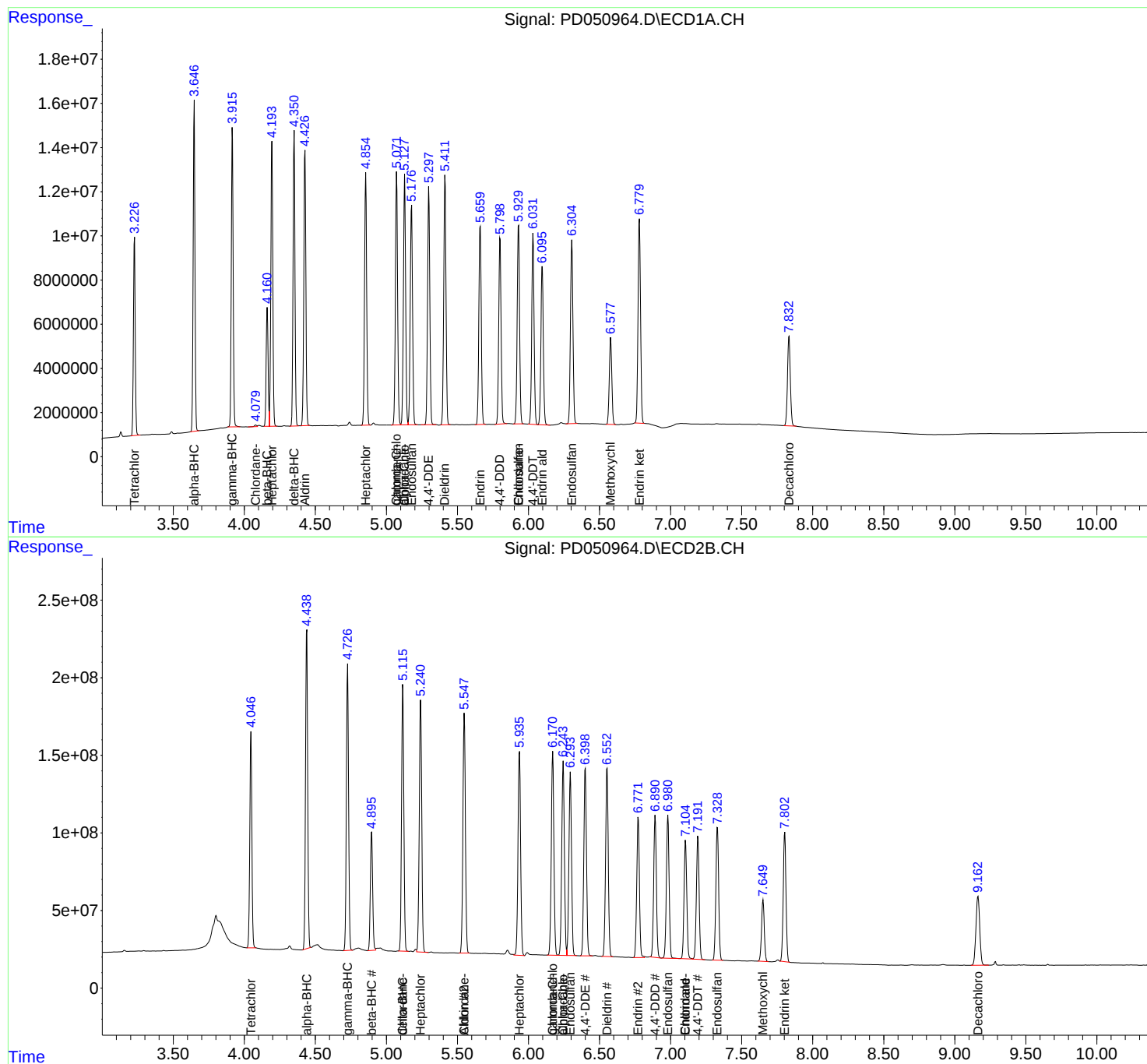
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

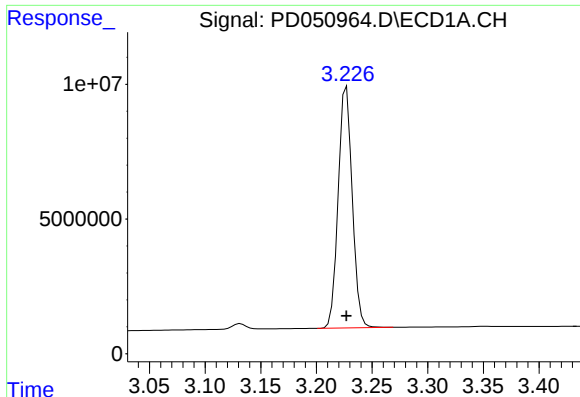
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011019\  
Data File : PD050964.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jan 2019 1:59  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 04:29:37 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 2019  
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

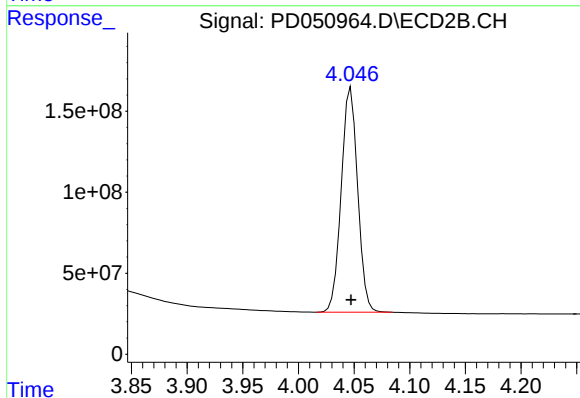




#1 Tetrachloro-m-xylene

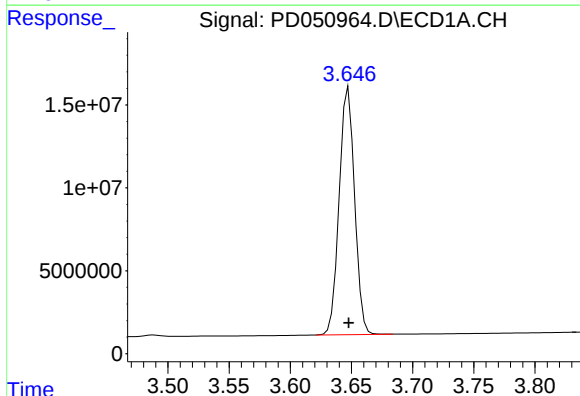
R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 78753143  
Conc: 52.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



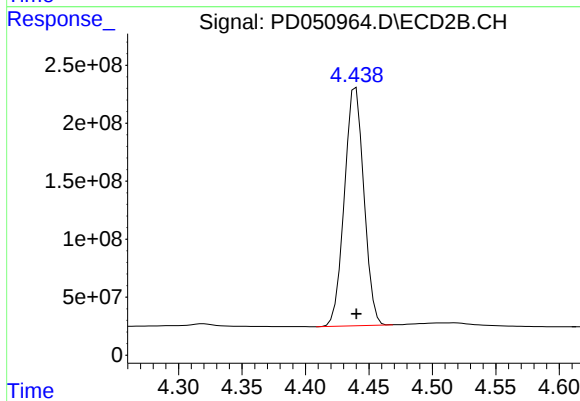
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 1424393698  
Conc: 47.86 ng/ml



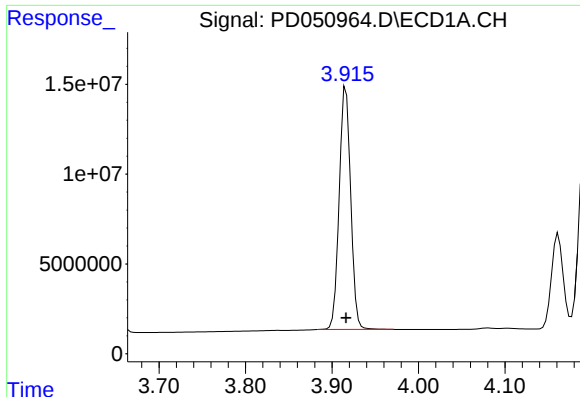
#2 alpha-BHC

R.T.: 3.648 min  
Delta R.T.: 0.000 min  
Response: 130981494  
Conc: 54.42 ng/ml



#2 alpha-BHC

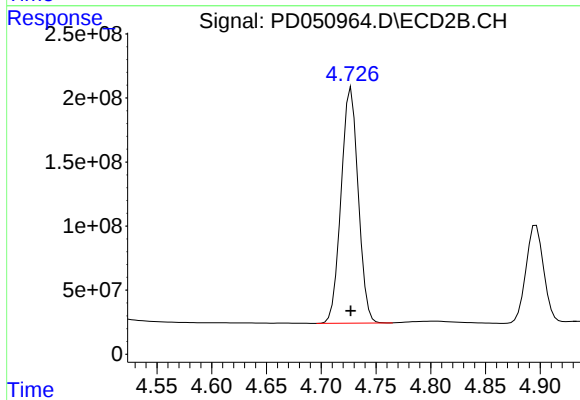
R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 2187909958  
Conc: 48.01 ng/ml



#3 gamma-BHC (Lindane)

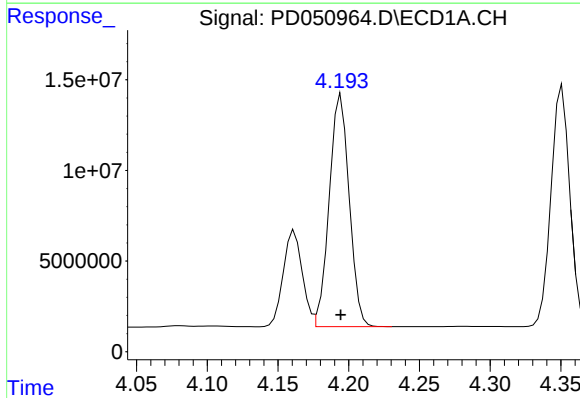
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 123971527  
Conc: 52.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



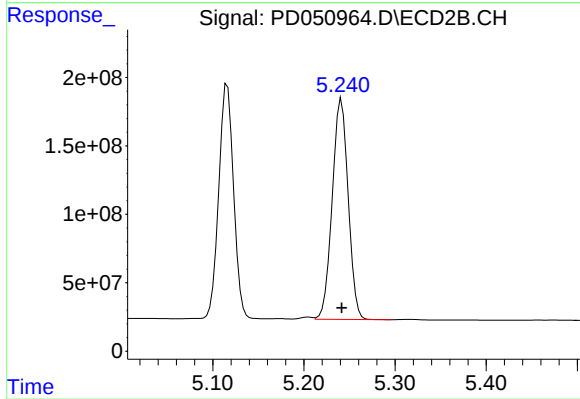
#3 gamma-BHC (Lindane)

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 1992998712  
Conc: 47.95 ng/ml



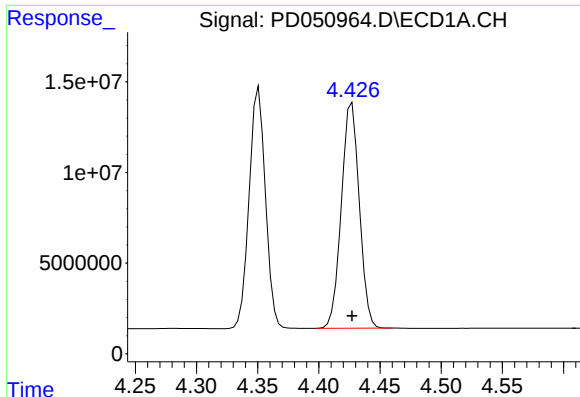
#4 Heptachlor

R.T.: 4.195 min  
Delta R.T.: 0.000 min  
Response: 125743610  
Conc: 52.50 ng/ml



#4 Heptachlor

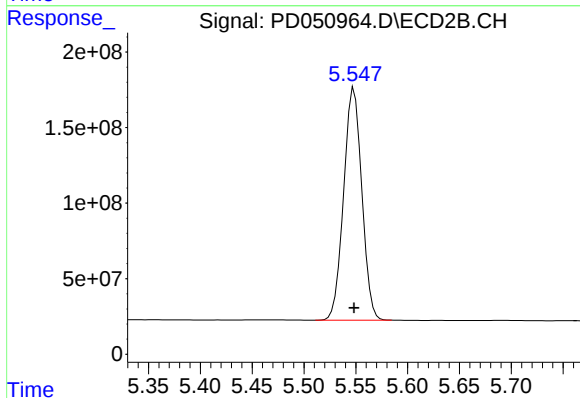
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 1959821643  
Conc: 48.04 ng/ml



#5 Aldrin

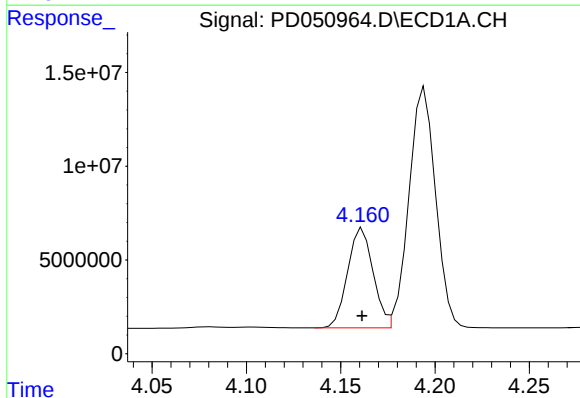
R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 127016194  
Conc: 53.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



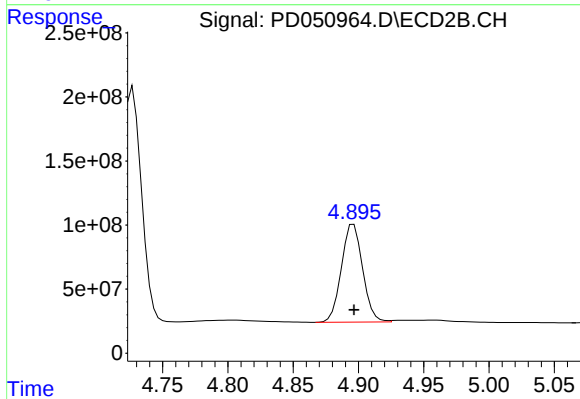
#5 Aldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 1874843162  
Conc: 47.89 ng/ml



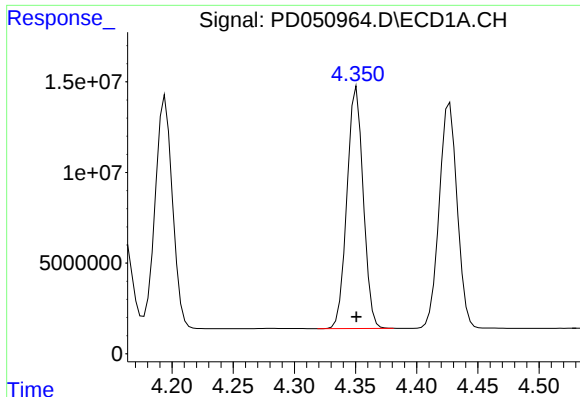
#6 beta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 49929804  
Conc: 52.73 ng/ml



#6 beta-BHC

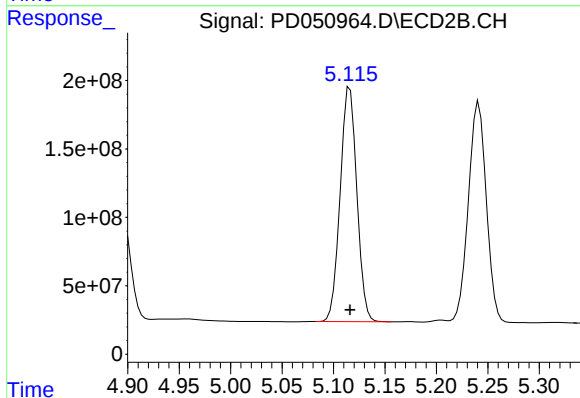
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 862582589  
Conc: 47.67 ng/ml



#7 delta-BHC

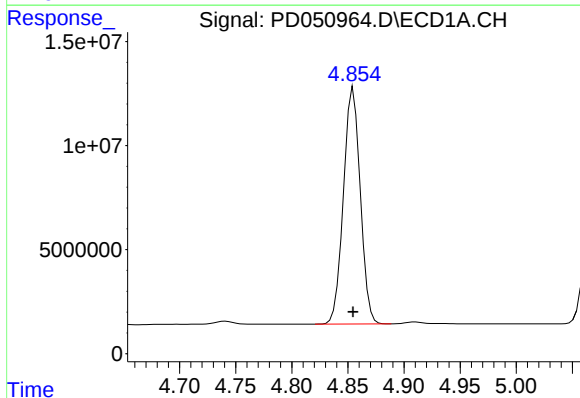
R.T.: 4.351 min  
Delta R.T.: 0.000 min  
Response: 123391073  
Conc: 54.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



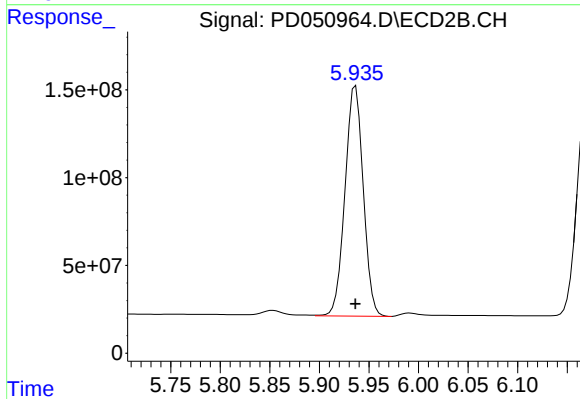
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 1932326442  
Conc: 49.73 ng/ml



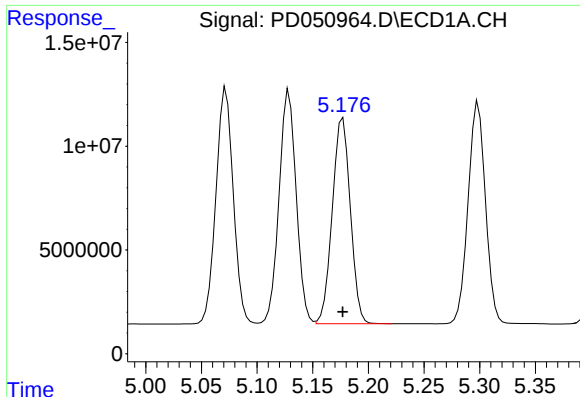
#8 Heptachlor epoxide

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 118383416  
Conc: 52.67 ng/ml



#8 Heptachlor epoxide

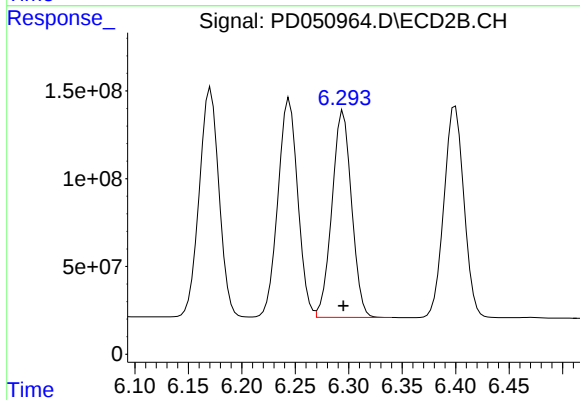
R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 1680842214  
Conc: 48.21 ng/ml



#9 Endosulfan I

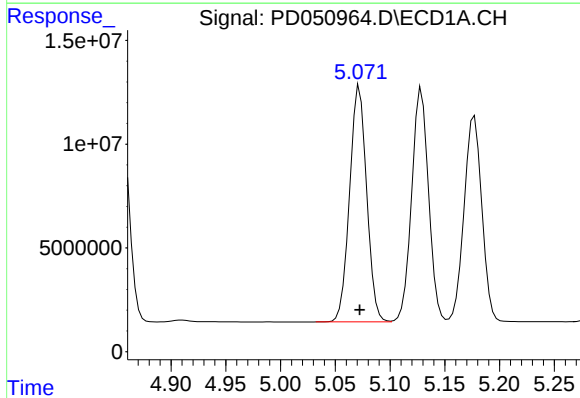
R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 111914407  
Conc: 52.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



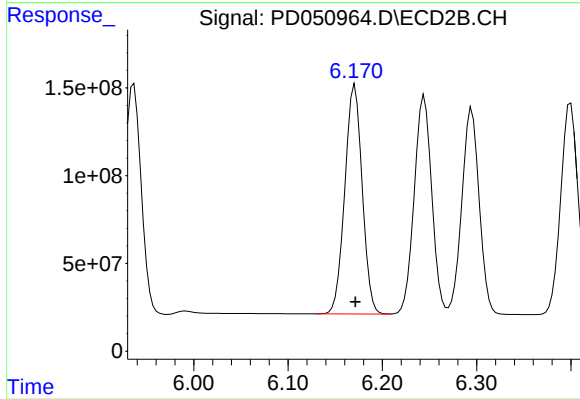
#9 Endosulfan I

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 1502922616  
Conc: 47.76 ng/ml



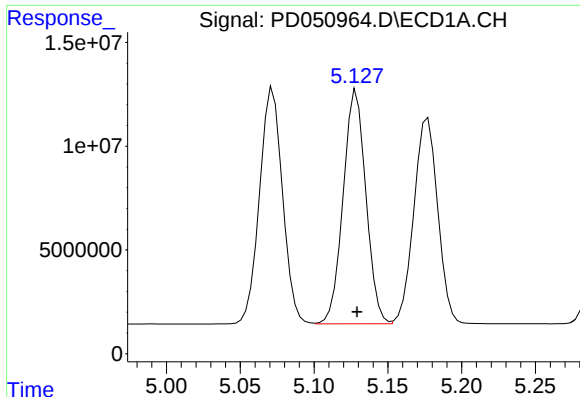
#10 gamma-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 123391461  
Conc: 52.68 ng/ml



#10 gamma-Chlordane

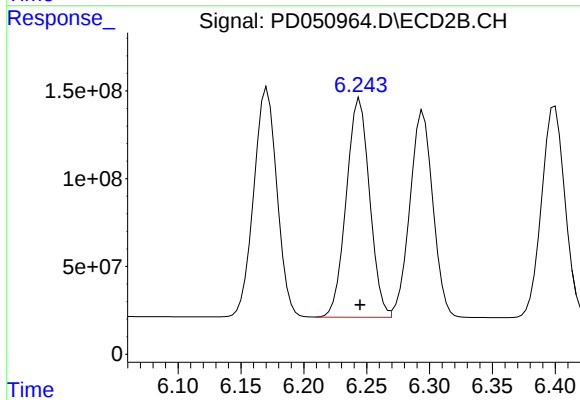
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 1677948148  
Conc: 48.31 ng/ml



#11 alpha-Chlordane

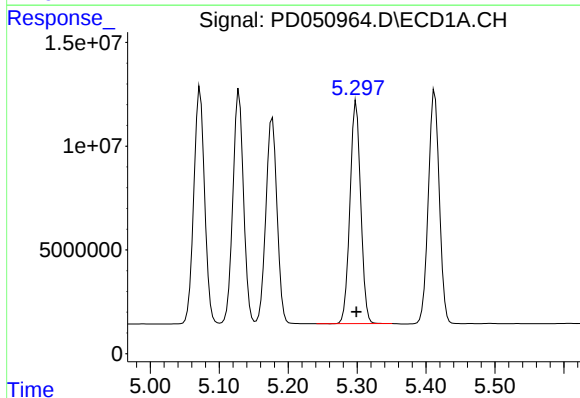
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 120909337  
Conc: 52.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



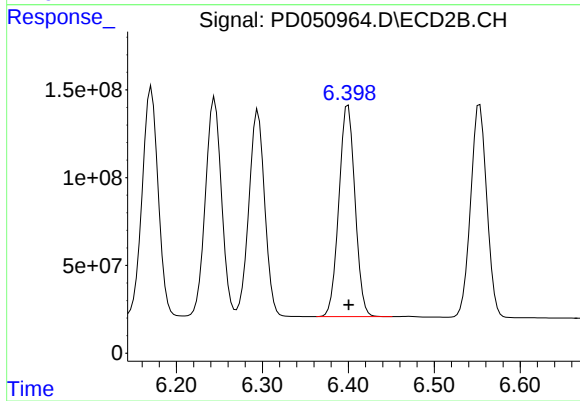
#11 alpha-Chlordane

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 1610977104  
Conc: 47.53 ng/ml



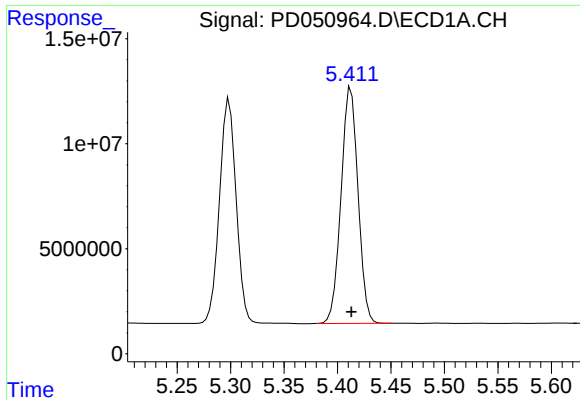
#12 4,4'-DDE

R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 115978013  
Conc: 53.73 ng/ml



#12 4,4'-DDE

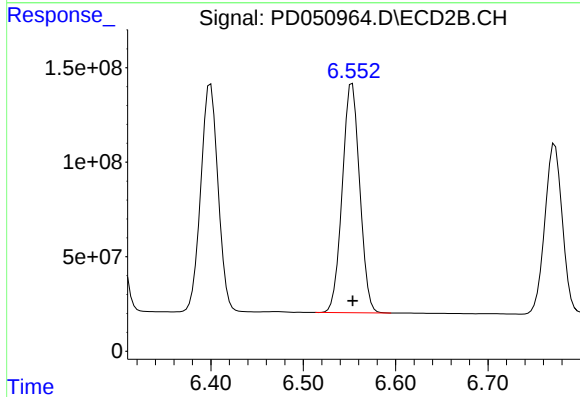
R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 1569328605  
Conc: 47.60 ng/ml



#13 Dieldrin

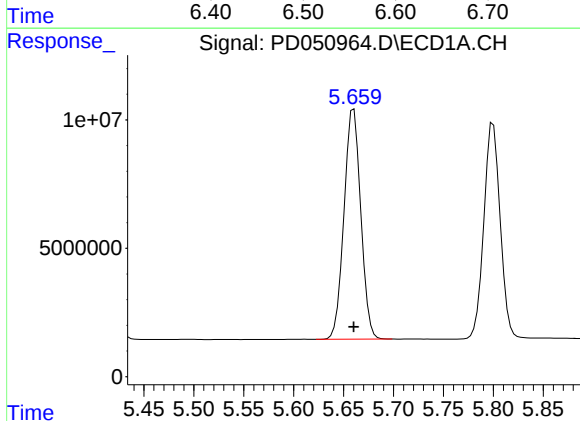
R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 124423268  
Conc: 53.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



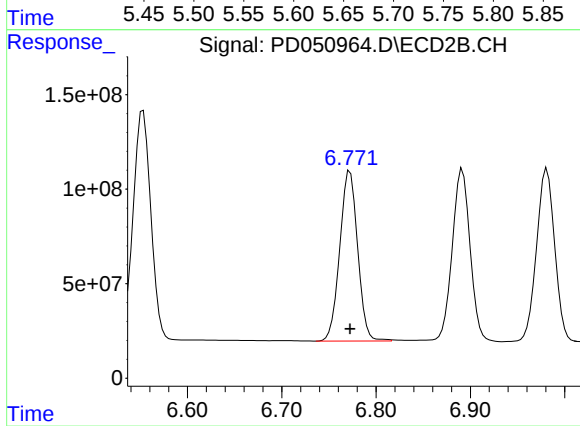
#13 Dieldrin

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 1589322221  
Conc: 47.64 ng/ml



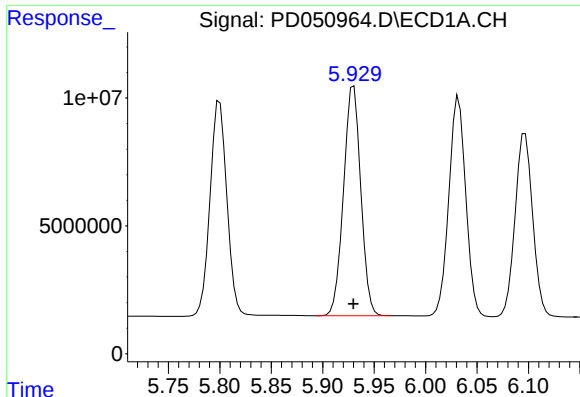
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 104800276  
Conc: 47.85 ng/ml



#14 Endrin

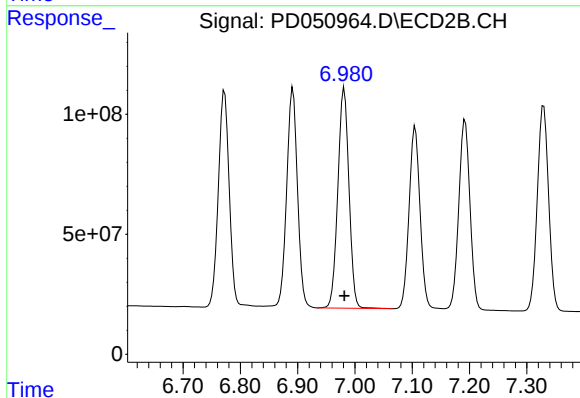
R.T.: 6.772 min  
Delta R.T.: 0.000 min  
Response: 1188324174  
Conc: 42.19 ng/ml



#15 Endosulfan II

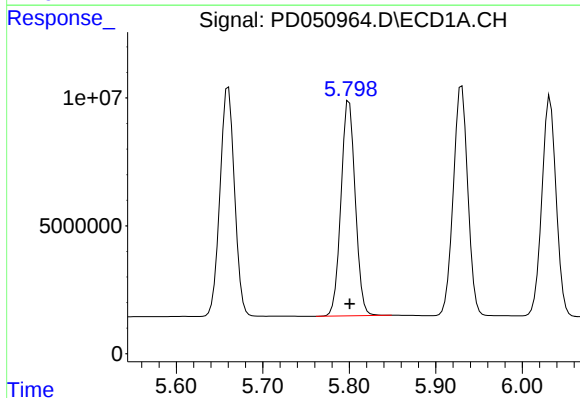
R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 104901574  
Conc: 52.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



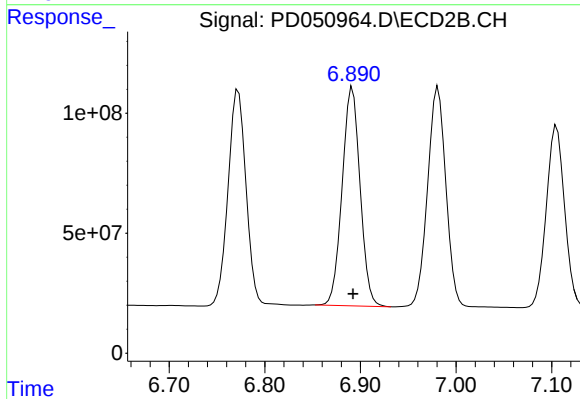
#15 Endosulfan II

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 1232126282  
Conc: 45.01 ng/ml



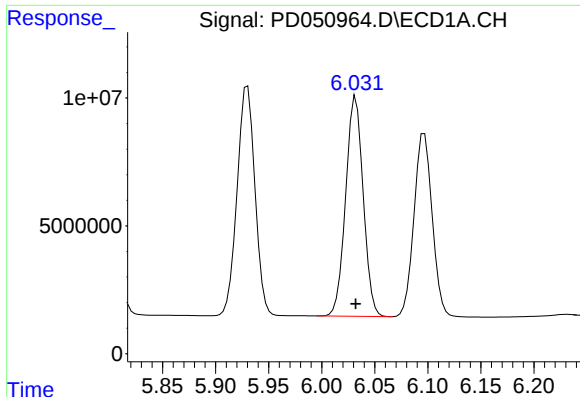
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 95773692  
Conc: 54.24 ng/ml



#16 4,4'-DDD

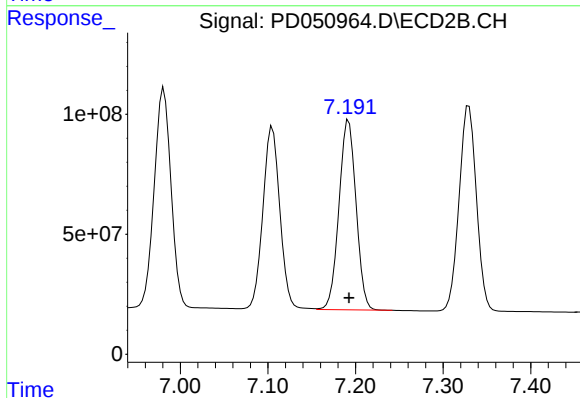
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 1191939766  
Conc: 45.43 ng/ml



#17 4,4'-DDT

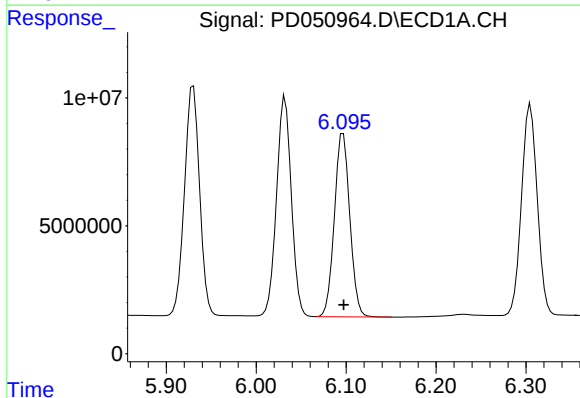
R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 98583638  
Conc: 52.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



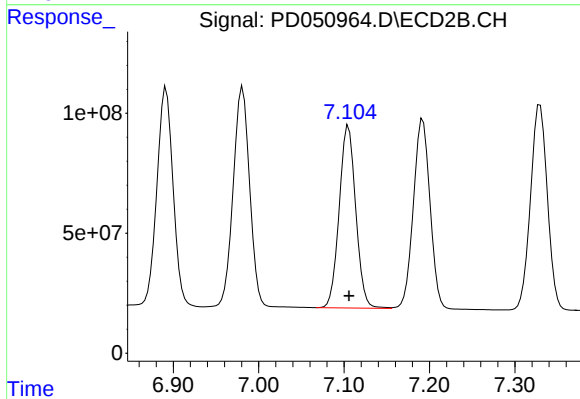
#17 4,4'-DDT

R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 1071129298  
Conc: 44.88 ng/ml



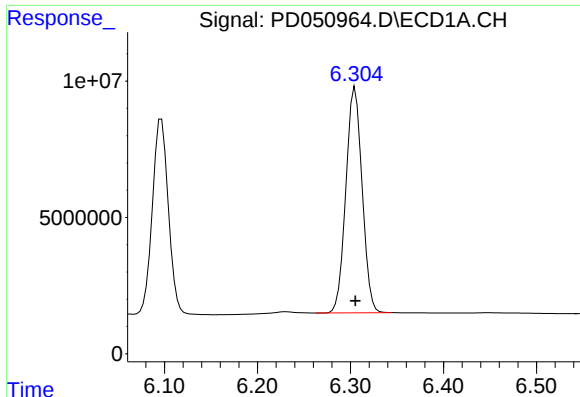
#18 Endrin aldehyde

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 85536393  
Conc: 52.98 ng/ml



#18 Endrin aldehyde

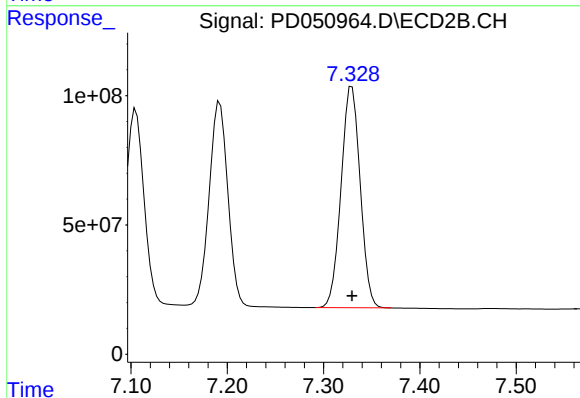
R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 1022933364  
Conc: 44.88 ng/ml



#19 Endosulfan Sulfate

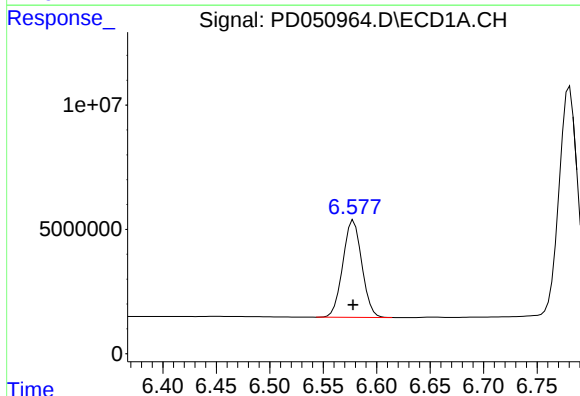
R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 100444700  
Conc: 51.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



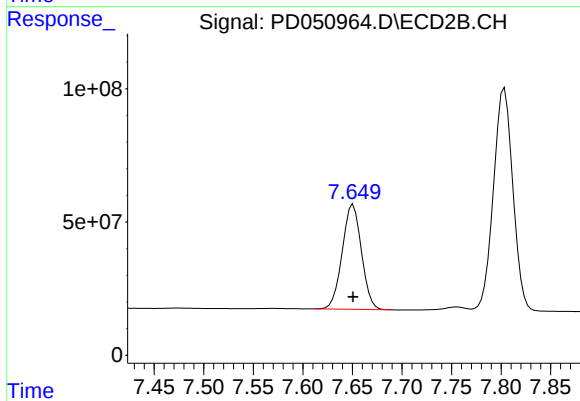
#19 Endosulfan Sulfate

R.T.: 7.329 min  
Delta R.T.: 0.000 min  
Response: 1175311085  
Conc: 43.54 ng/ml



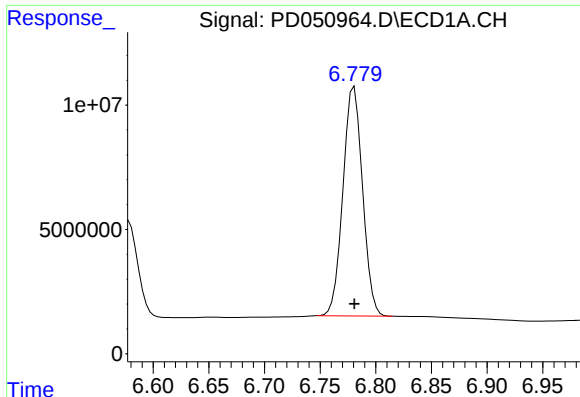
#20 Methoxychlor

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 48378682  
Conc: 50.62 ng/ml



#20 Methoxychlor

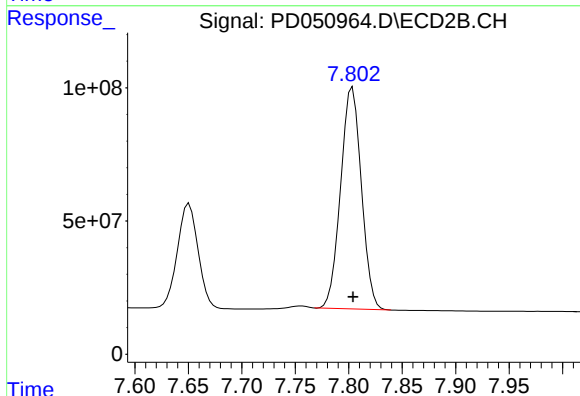
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 530651128  
Conc: 43.59 ng/ml



#21 Endrin ketone

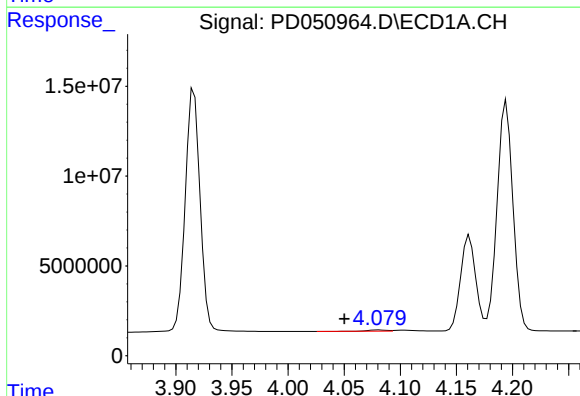
R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 113155198  
Conc: 53.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



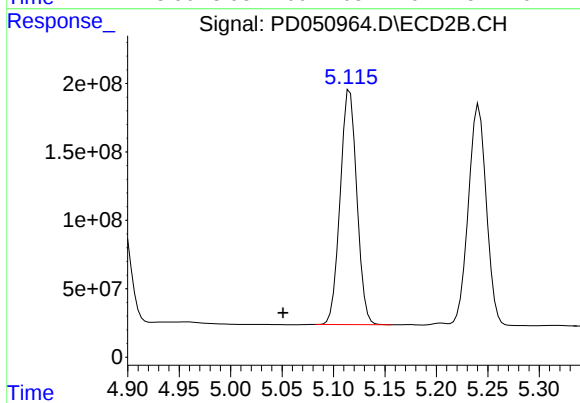
#21 Endrin ketone

R.T.: 7.804 min  
Delta R.T.: 0.000 min  
Response: 1125066874  
Conc: 44.26 ng/ml



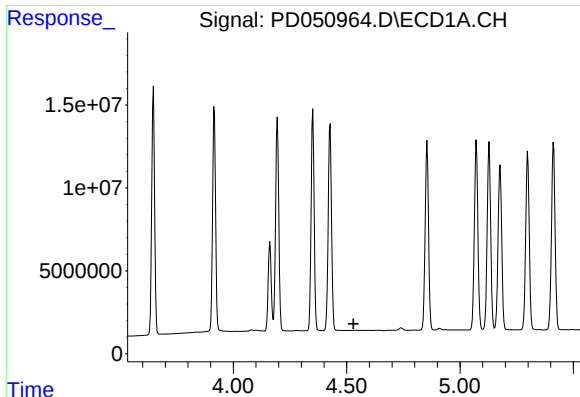
#23 Chlordane-1

R.T.: 4.081 min  
Delta R.T.: 0.030 min  
Response: 821996  
Conc: 12.04 ng/ml



#23 Chlordane-1

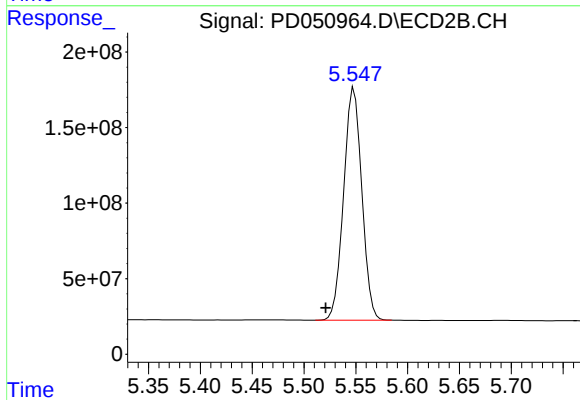
R.T.: 5.116 min  
Delta R.T.: 0.065 min  
Response: 1932326442  
Conc: 1298.69 ng/ml



#24 Chlordane-2

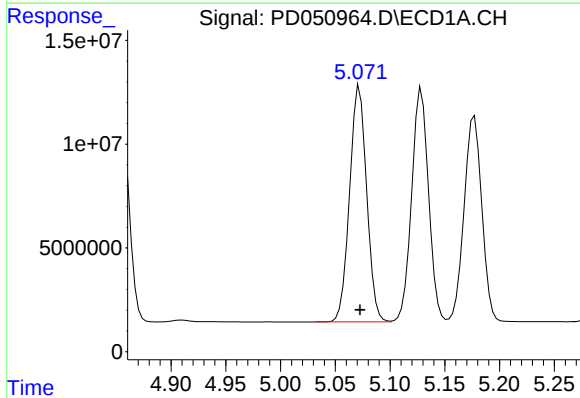
R.T.: 0.000 min  
Exp R.T.: 4.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



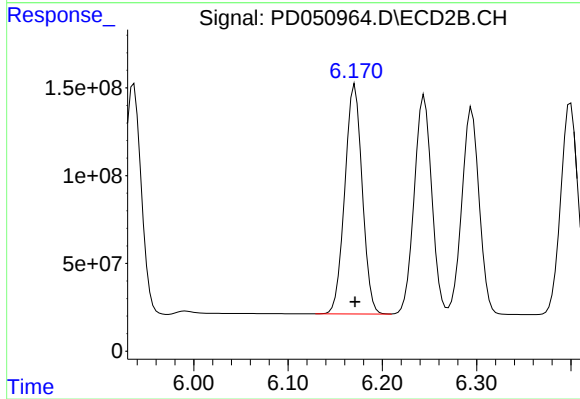
#24 Chlordane-2

R.T.: 5.548 min  
Delta R.T.: 0.027 min  
Response: 1874843162  
Conc: 1397.38 ng/ml



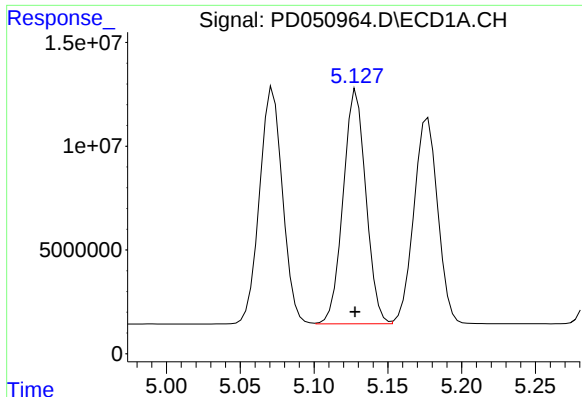
#25 Chlordane-3

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 123391461  
Conc: 496.20 ng/ml



#25 Chlordane-3

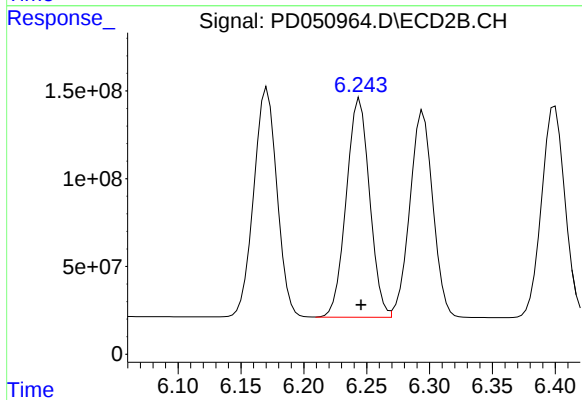
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 1677948148  
Conc: 386.65 ng/ml



#26 Chlordane-4

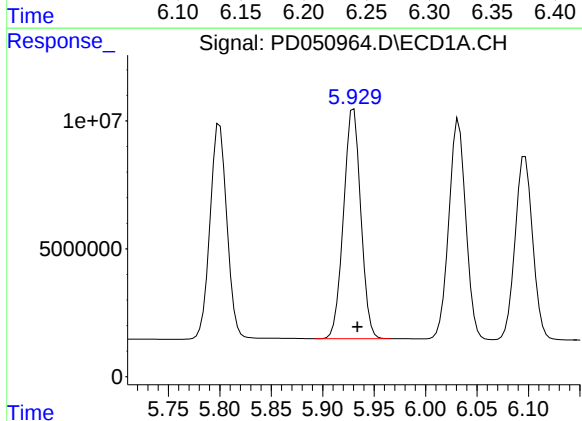
R.T.: 5.129 min  
Delta R.T.: 0.001 min  
Response: 120909337  
Conc: 502.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



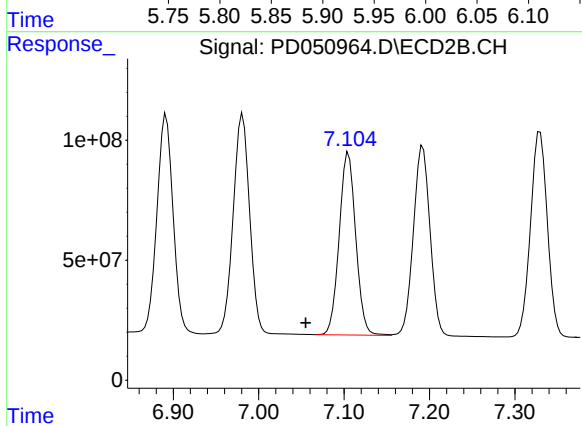
#26 Chlordane-4

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 1610977104  
Conc: 325.79 ng/ml



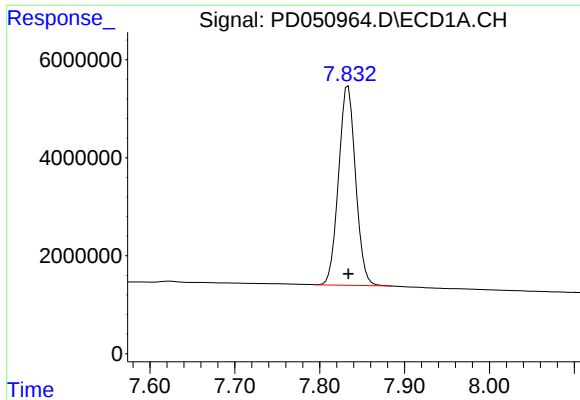
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.004 min  
Response: 104901574  
Conc: 1316.61 ng/ml



#27 Chlordane-5

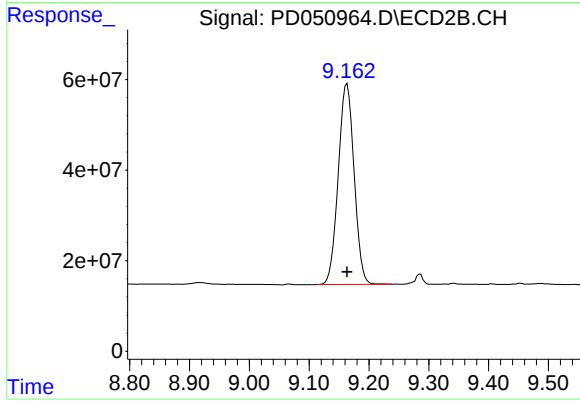
R.T.: 7.105 min  
Delta R.T.: 0.050 min  
Response: 1022933364  
Conc: 992.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: 0.000 min  
Response: 56550652  
Conc: 46.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.163 min  
Delta R.T.: 0.000 min  
Response: 817869377  
Conc: 40.99 ng/ml