

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032419\  
 Data File : PD052101.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Mar 2019 21:17  
 Operator : AJ\SJ  
 Sample : K2044-11MS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 08:32:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032419CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 25 08:23:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

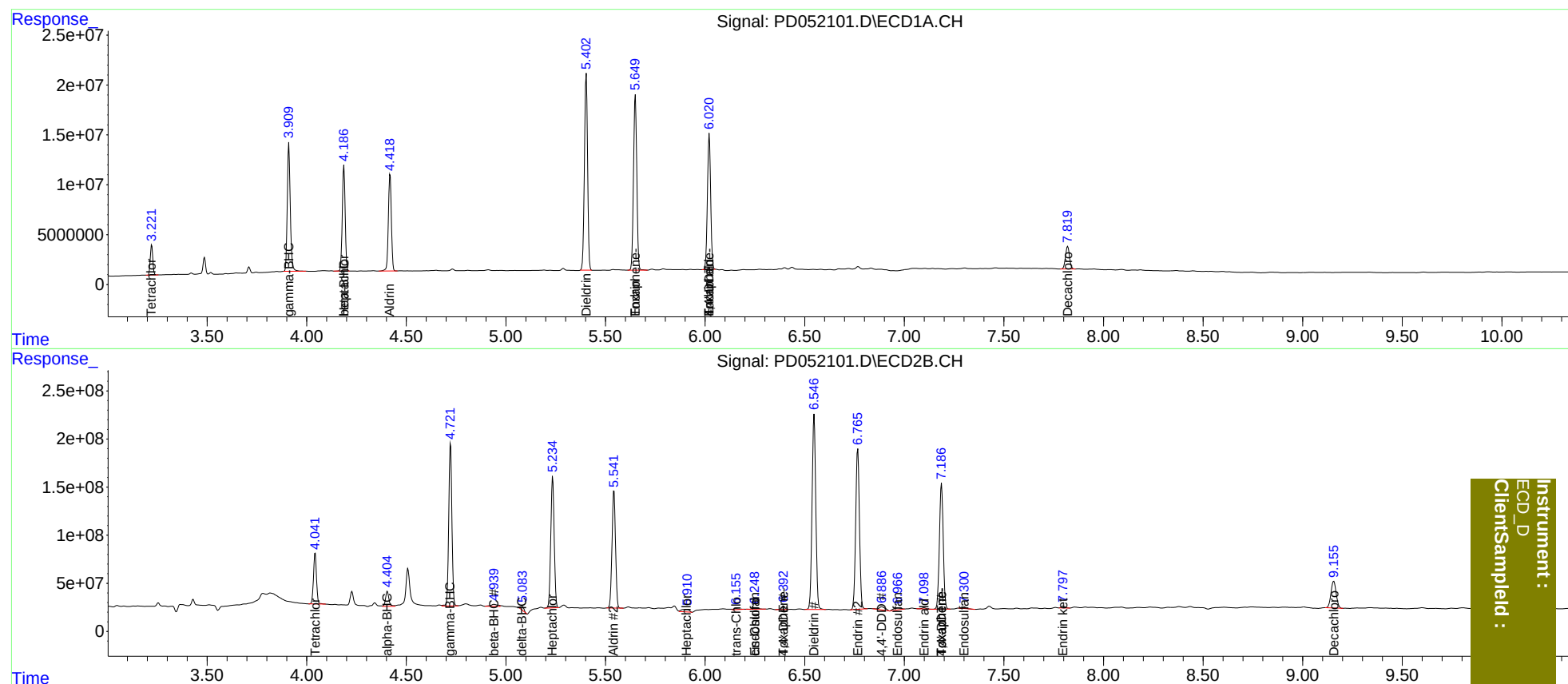
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.222  | 4.043  | 26816974 | 557.9E6  | 19.073   | 18.776     |
| 27)                         | SA Decachlor... | 7.820  | 9.156  | 31325964 | 506.3E6  | 29.772   | 34.356     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.405f | 0        | 184.4E6  | N.D.     | 4.142      |
| 3)                          | MA gamma-BHC... | 3.911  | 4.722  | 132.4E6  | 1848.0E6 | 57.639   | 45.905     |
| 4)                          | MA Heptachlor   | 4.187  | 5.235  | 105.2E6  | 1630.8E6 | 47.724   | 40.002     |
| 5)                          | MB Aldrin       | 4.419  | 5.543  | 101.3E6  | 1499.1E6 | 48.615   | 40.542     |
| 6)                          | B beta-BHC      | 4.187f | 4.941f | 105.2E6  | 48672260 | 111.159  | 2.643 #    |
| 7)                          | B delta-BHC     | 0.000  | 5.081f | 0        | 52653306 | N.D.     | 1.430      |
| 8)                          | B Heptachlo...  | 0.000  | 5.906  | 0        | 68678562 | N.D.     | 2.060      |
| 9)                          | A Endosulfan I  | 0.000  | 6.250f | 0        | 32213230 | N.D.     | 1.041      |
| 10)                         | B trans-Chl...  | 0.000  | 6.156  | 0        | 21347049 | N.D.     | 0.637      |
| 11)                         | B cis-Chlor...  | 0.000  | 6.250  | 0        | 32213230 | N.D.     | 1.004      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.394  | 0        | 42910835 | N.D.     | 1.432      |
| 13)                         | MA Dieldrin     | 5.404  | 6.548  | 217.8E6  | 2636.0E6 | 97.209   | 87.634     |
| 14)                         | MA Endrin       | 5.650  | 6.767  | 199.8E6  | 2180.6E6 | 104.319  | 97.092     |
| 15)                         | B Endosulfa...  | 0.000  | 6.968  | 0        | 51920243 | N.D.     | 2.199      |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.887  | 0        | 71670991 | N.D.     | 3.203      |
| 17)                         | MA 4,4'-DDT     | 6.021  | 7.187  | 154.1E6  | 1748.9E6 | 89.331   | 94.025     |
| 18)                         | B Endrin al...  | 6.021f | 7.099  | 154.1E6  | 16745347 | 99.733   | 0.883 #    |
| 19)                         | B Endosulfa...  | 0.000  | 7.301  | 0        | 19473430 | N.D.     | 0.935      |
| 20)                         | A Methoxychlor  | 0.000  | 7.640  | 0        | 515401   | N.D.     | <MDL       |
| 21)                         | B Endrin ke...  | 0.000  | 7.798  | 0        | 25210064 | N.D.     | 1.325      |
| 22)                         | Toxaphene-1     | 0.000  | 6.394  | 0        | 42910835 | N.D.     | 331.104    |
| 23)                         | Toxaphene-2     | 5.650  | 0.000  | 199.8E6  | 0        | 8975.072 | N.D. #     |
| 24)                         | Toxaphene-3     | 6.021  | 7.187  | 154.1E6  | 1748.9E6 | 4256.394 | 9068.341 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.187  | 0        | 1748.9E6 | N.D.     | 3309.314   |
| -----                       |                 |        |        |          |          |          |            |

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

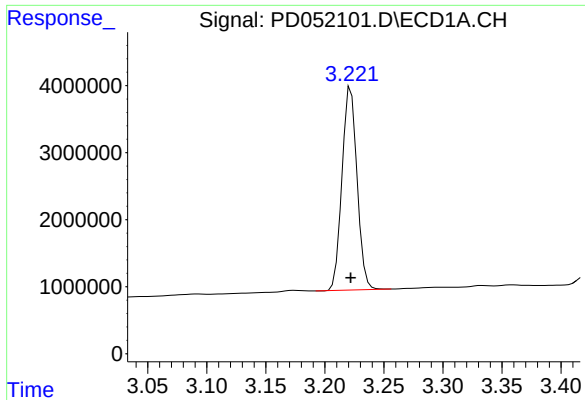
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032419\  
Data File : PD052101.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Mar 2019 21:17  
Operator : AJ\SJ  
Sample : K2044-11MS  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 08:32:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032419CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 25 08:23:12 2019  
Response via : Initial Calibration  
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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



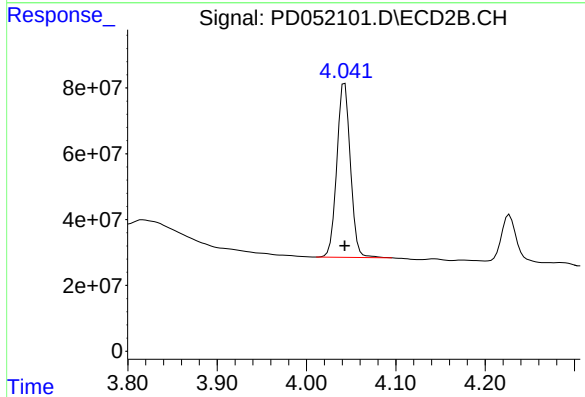
Instrument :  
ECD\_D  
ClientSample :  
Sample



#1 Tetrachloro-m-xylene

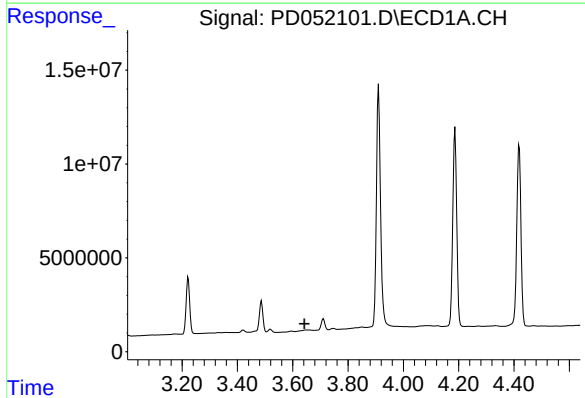
R.T.: 3.222 min  
Delta R.T.: 0.000 min  
Response: 26816974  
Conc: 19.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



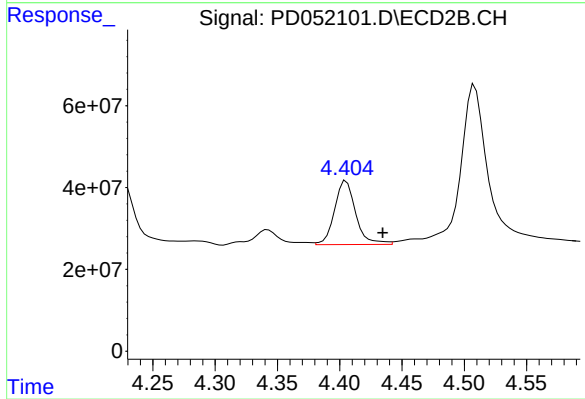
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 557854168  
Conc: 18.78 ng/ml



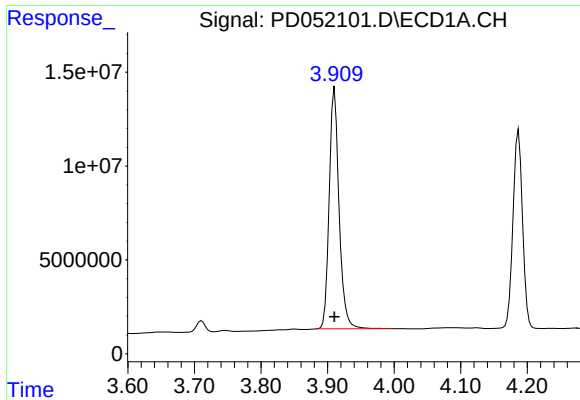
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.642 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

R.T.: 4.405 min  
Delta R.T.: -0.029 min  
Response: 184435232  
Conc: 4.14 ng/ml



#3 gamma-BHC (Lindane)

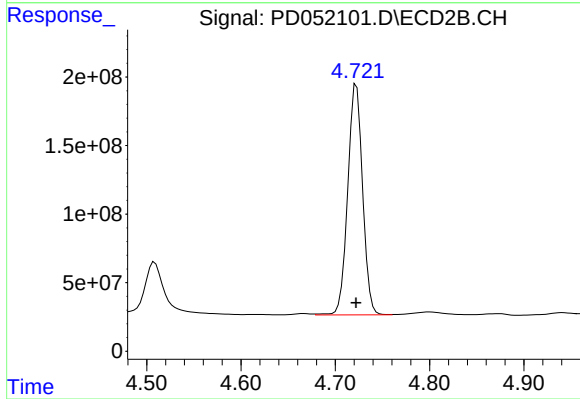
R.T.: 3.911 min

Delta R.T.: 0.000 min

Response: 132407846

Conc: 57.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



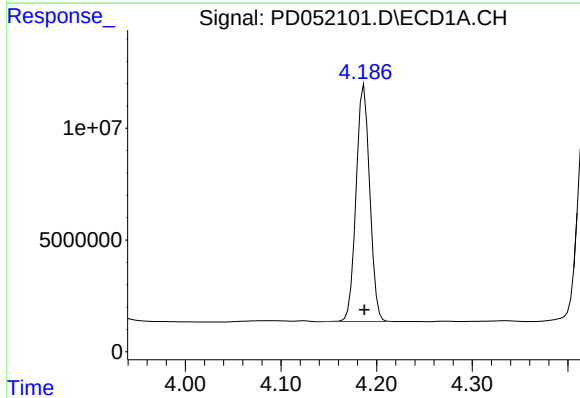
#3 gamma-BHC (Lindane)

R.T.: 4.722 min

Delta R.T.: 0.000 min

Response: 1848043868

Conc: 45.90 ng/ml



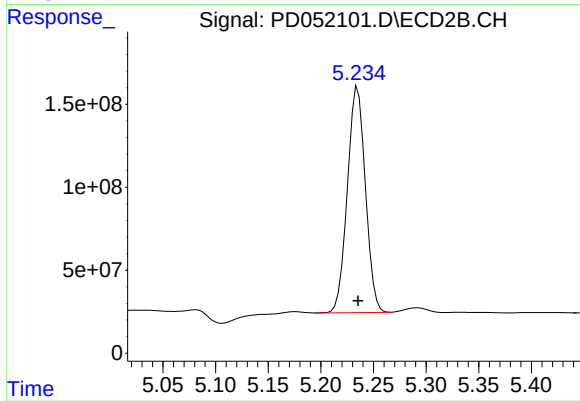
#4 Heptachlor

R.T.: 4.187 min

Delta R.T.: 0.000 min

Response: 105192141

Conc: 47.72 ng/ml



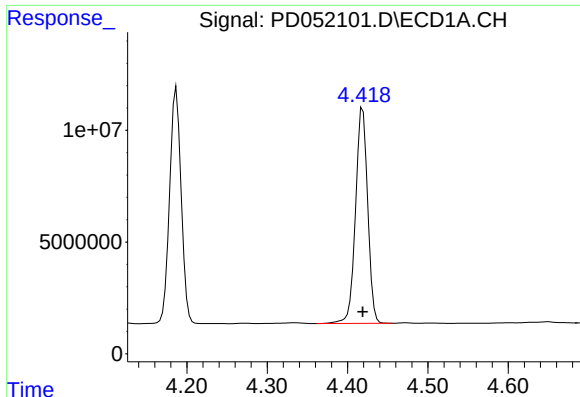
#4 Heptachlor

R.T.: 5.235 min

Delta R.T.: 0.000 min

Response: 1630832418

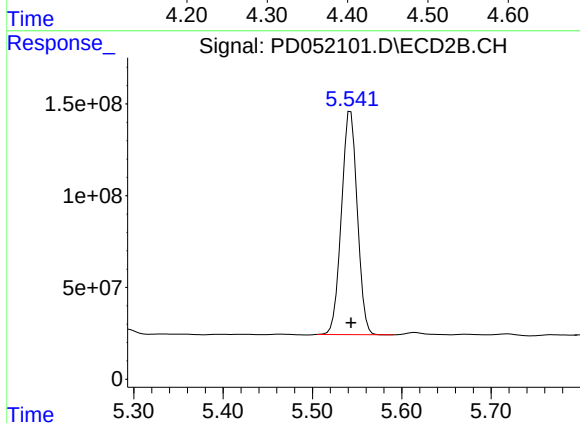
Conc: 40.00 ng/ml



#5 Aldrin

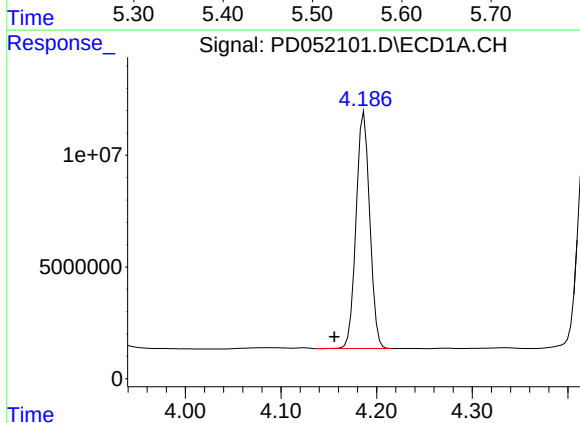
R.T.: 4.419 min  
Delta R.T.: 0.000 min  
Response: 101343372  
Conc: 48.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



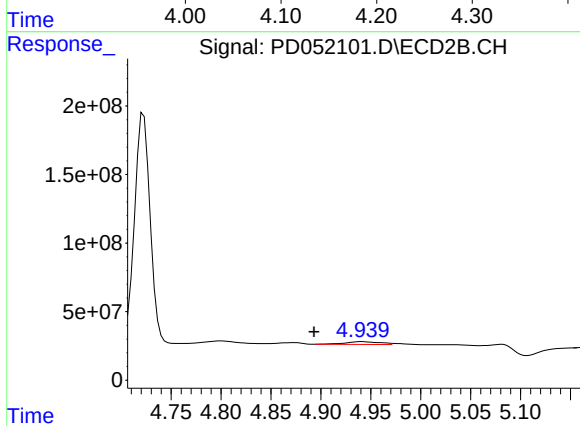
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 1499075046  
Conc: 40.54 ng/ml



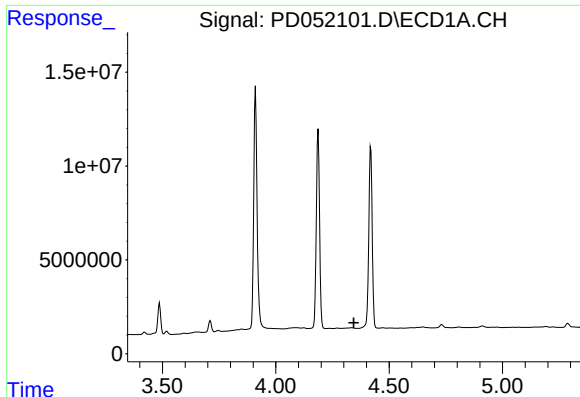
#6 beta-BHC

R.T.: 4.187 min  
Delta R.T.: 0.031 min  
Response: 105192141  
Conc: 111.16 ng/ml



#6 beta-BHC

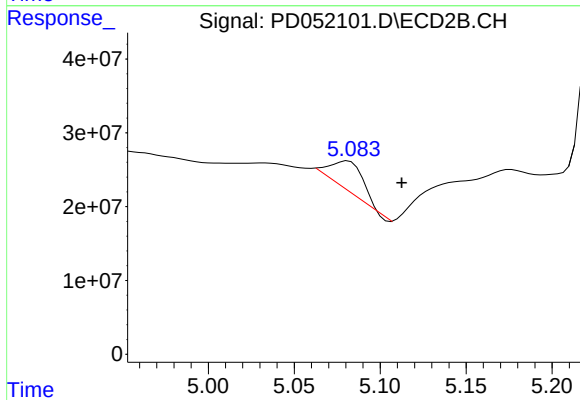
R.T.: 4.941 min  
Delta R.T.: 0.047 min  
Response: 48672260  
Conc: 2.64 ng/ml



#7 delta-BHC

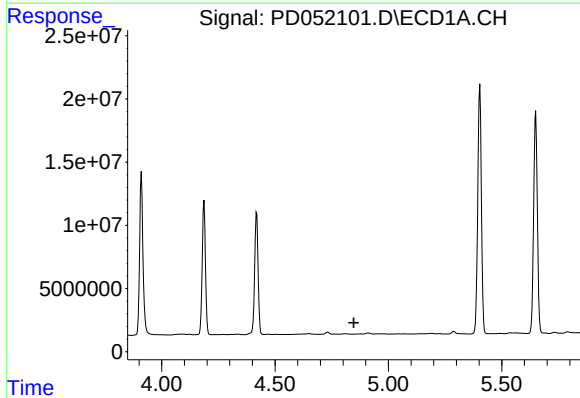
R.T.: 0.000 min  
Exp R.T.: 4.344 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



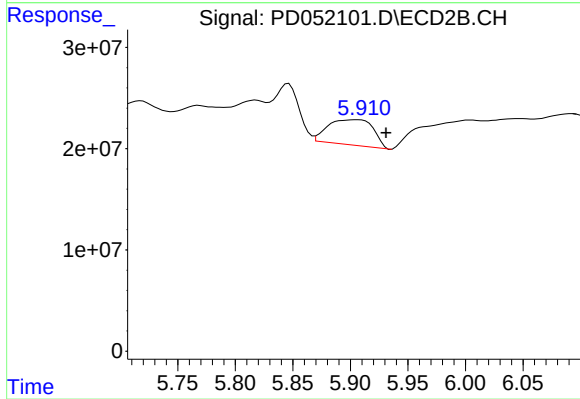
#7 delta-BHC

R.T.: 5.081 min  
Delta R.T.: -0.031 min  
Response: 52653306  
Conc: 1.43 ng/ml



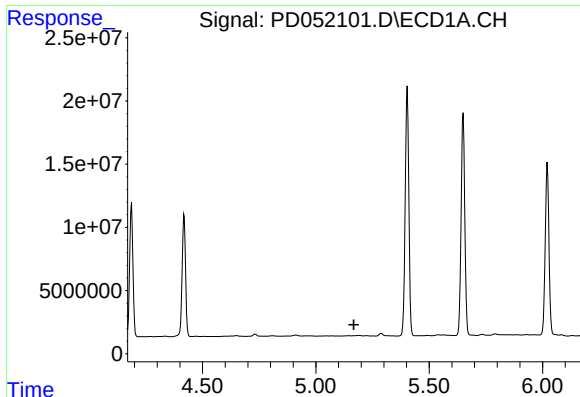
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.847 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

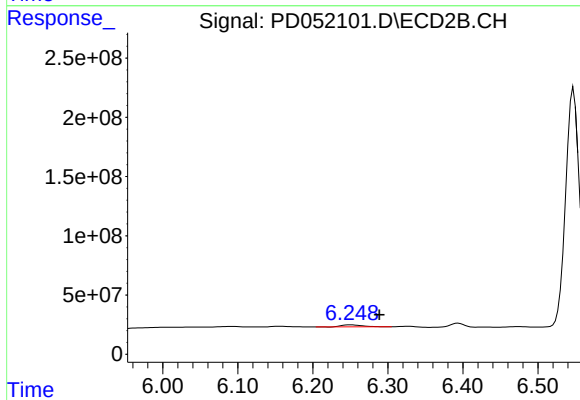
R.T.: 5.906 min  
Delta R.T.: -0.025 min  
Response: 68678562  
Conc: 2.06 ng/ml



#9 Endosulfan I

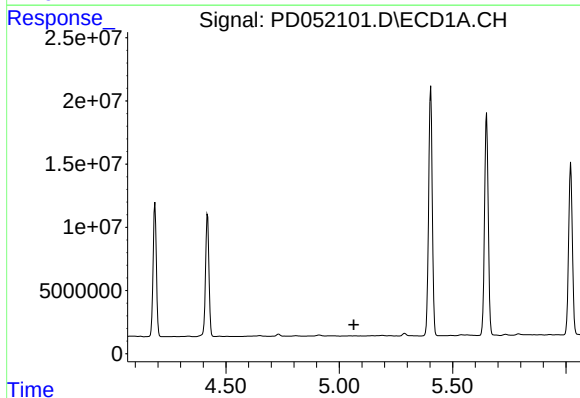
R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



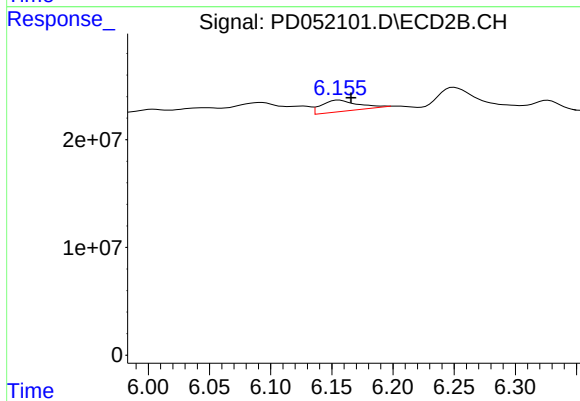
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: -0.039 min  
Response: 32213230  
Conc: 1.04 ng/ml



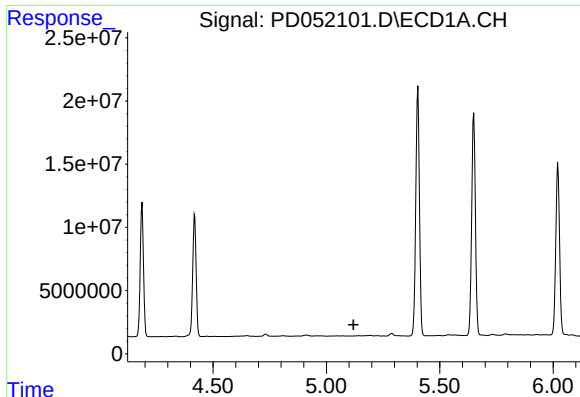
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.064 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

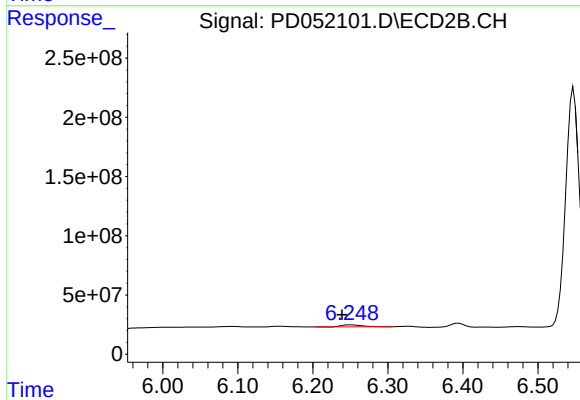
R.T.: 6.156 min  
Delta R.T.: -0.010 min  
Response: 21347049  
Conc: 0.64 ng/ml



#11 cis-Chlordane

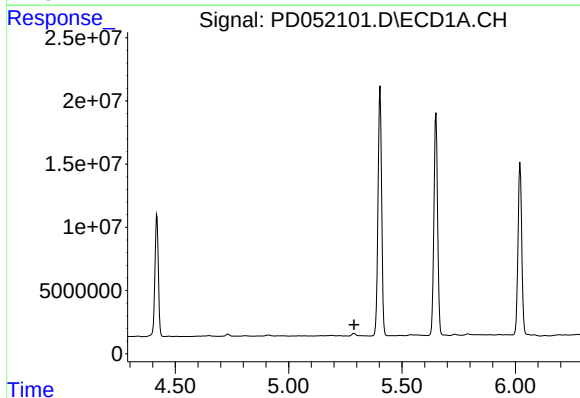
R.T.: 0.000 min  
Exp R.T.: 5.120 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



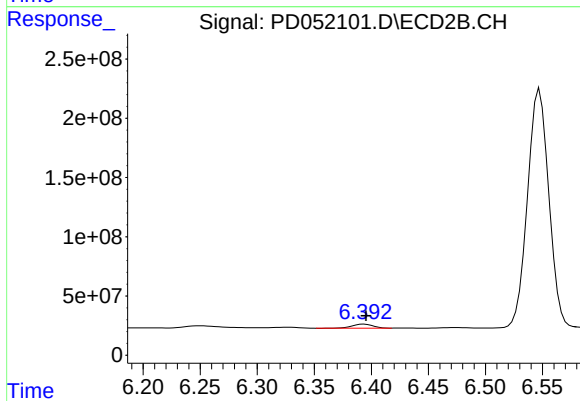
#11 cis-Chlordane

R.T.: 6.250 min  
Delta R.T.: 0.011 min  
Response: 32213230  
Conc: 1.00 ng/ml



#12 4,4'-DDE

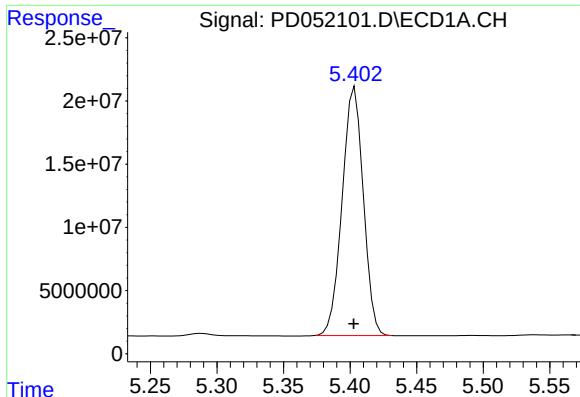
R.T.: 0.000 min  
Exp R.T.: 5.290 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.394 min  
Delta R.T.: -0.002 min  
Response: 42910835  
Conc: 1.43 ng/ml

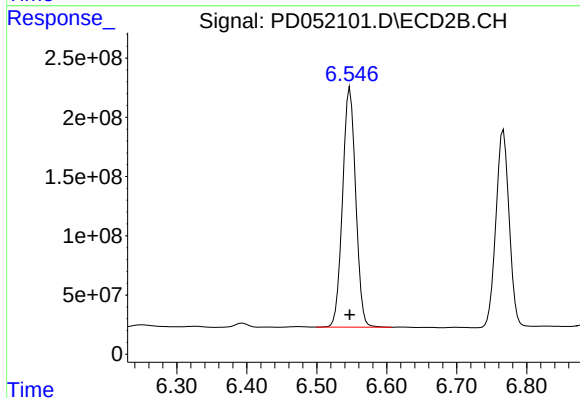




#13 Dieldrin

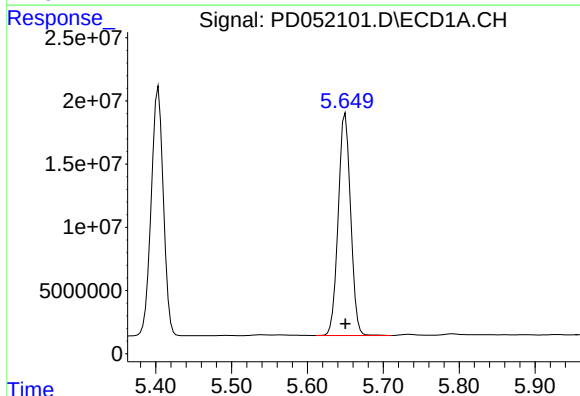
R.T.: 5.404 min  
Delta R.T.: 0.000 min  
Response: 217834732  
Conc: 97.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



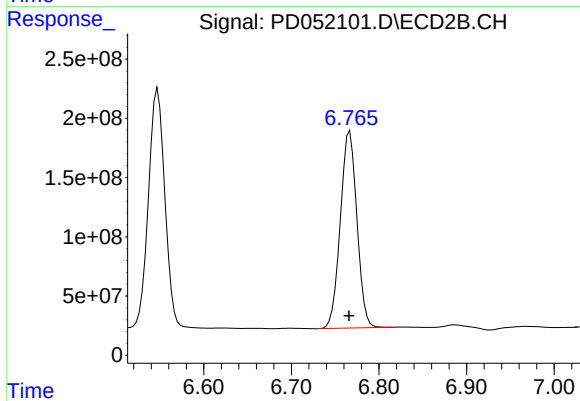
#13 Dieldrin

R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 2635952951  
Conc: 87.63 ng/ml



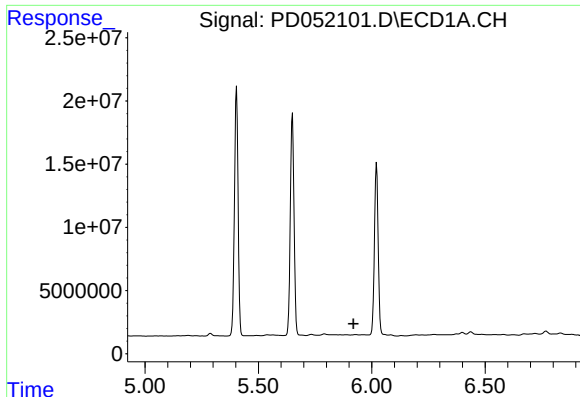
#14 Endrin

R.T.: 5.650 min  
Delta R.T.: 0.000 min  
Response: 199760322  
Conc: 104.32 ng/ml



#14 Endrin

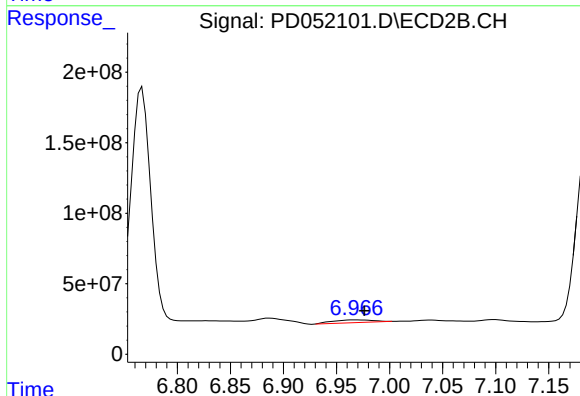
R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 2180597345  
Conc: 97.09 ng/ml



#15 Endosulfan II

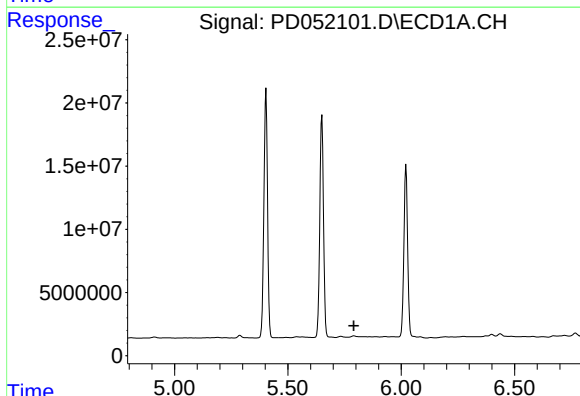
R.T.: 0.000 min  
Exp R.T.: 5.920 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



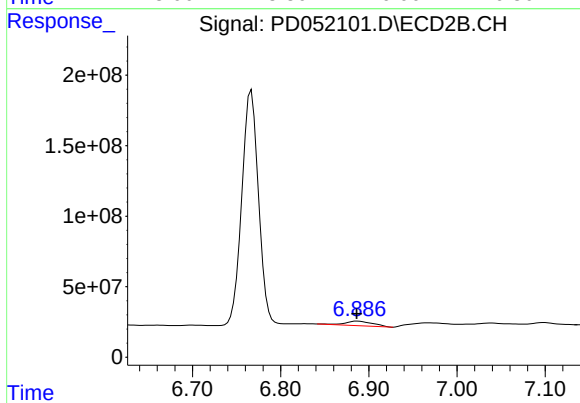
#15 Endosulfan II

R.T.: 6.968 min  
Delta R.T.: -0.008 min  
Response: 51920243  
Conc: 2.20 ng/ml



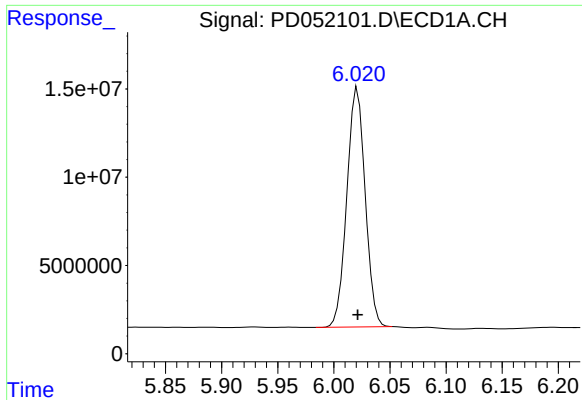
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.790 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

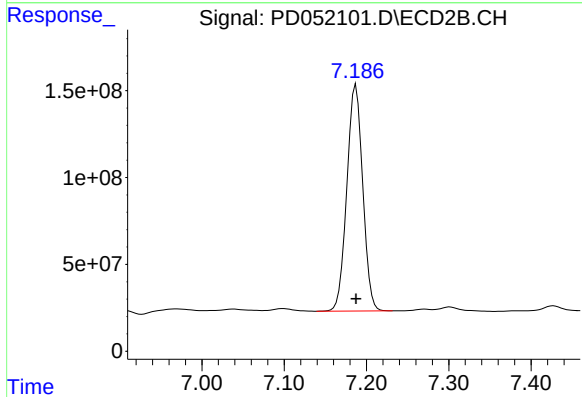
R.T.: 6.887 min  
Delta R.T.: 0.001 min  
Response: 71670991  
Conc: 3.20 ng/ml



#17 4,4'-DDT

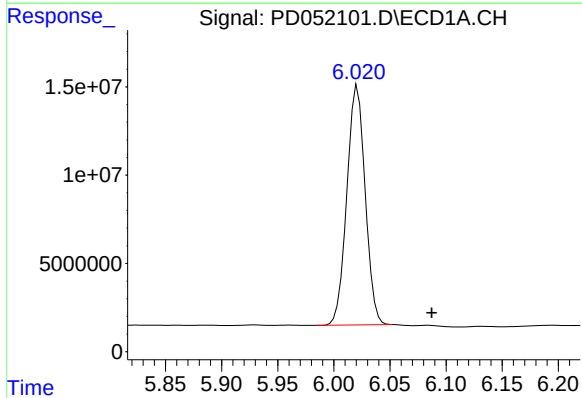
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 154110091  
Conc: 89.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



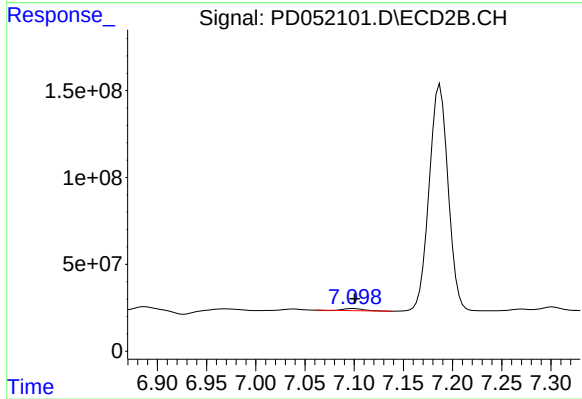
#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 1748928605  
Conc: 94.02 ng/ml



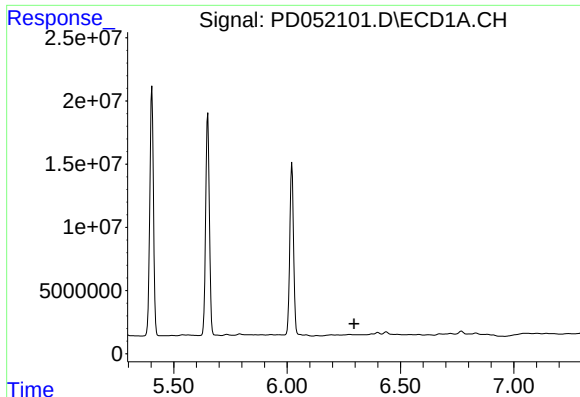
#18 Endrin aldehyde

R.T.: 6.021 min  
Delta R.T.: -0.066 min  
Response: 154110091  
Conc: 99.73 ng/ml



#18 Endrin aldehyde

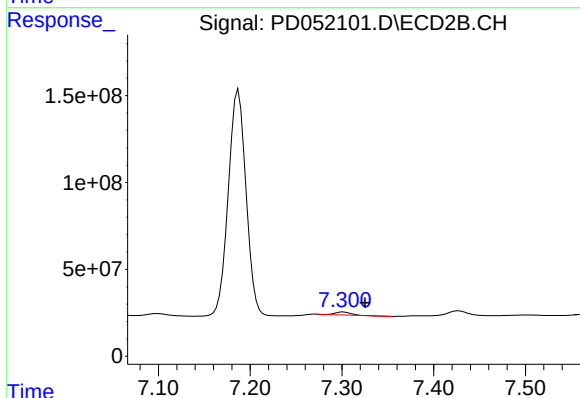
R.T.: 7.099 min  
Delta R.T.: -0.001 min  
Response: 16745347  
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

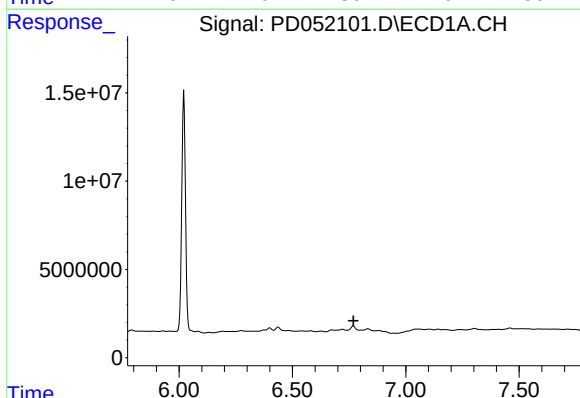
R.T.: 0.000 min  
Exp R.T.: 6.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



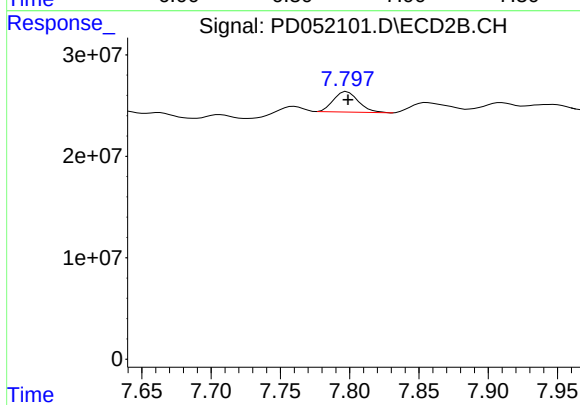
#19 Endosulfan Sulfate

R.T.: 7.301 min  
Delta R.T.: -0.024 min  
Response: 19473430  
Conc: 0.94 ng/ml



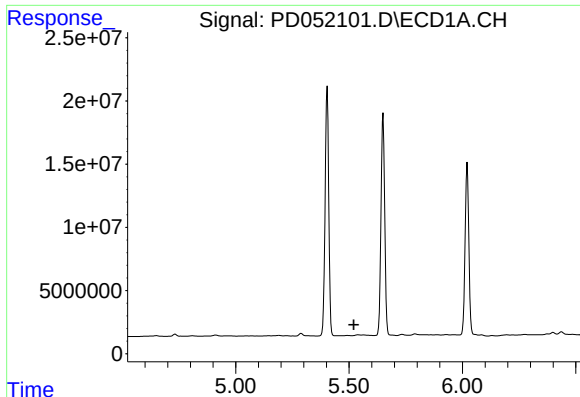
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.770 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

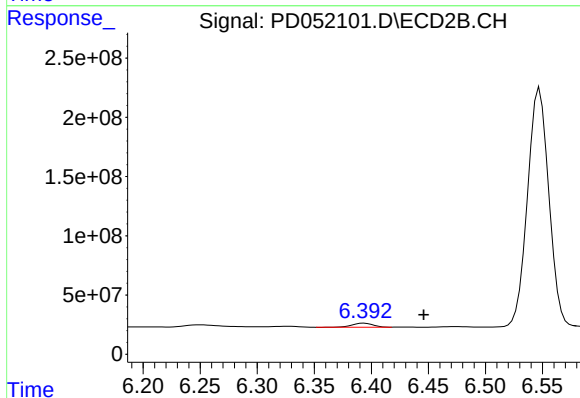
R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 25210064  
Conc: 1.32 ng/ml



#22 Toxaphene-1

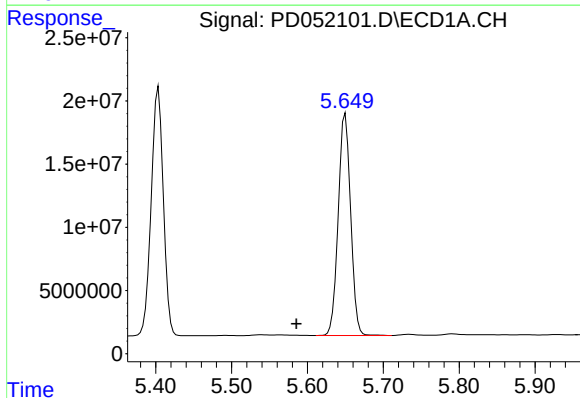
R.T.: 0.000 min  
Exp R.T.: 5.521 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



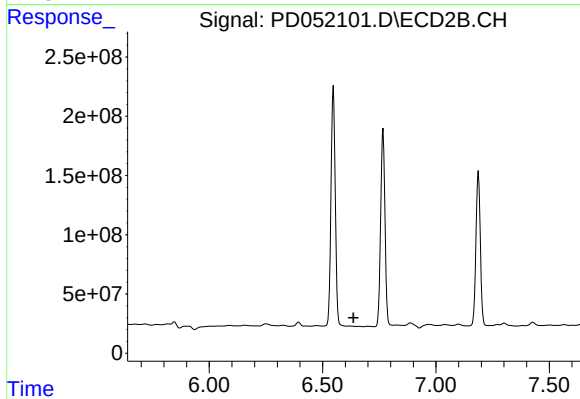
#22 Toxaphene-1

R.T.: 6.394 min  
Delta R.T.: -0.052 min  
Response: 42910835  
Conc: 331.10 ng/ml



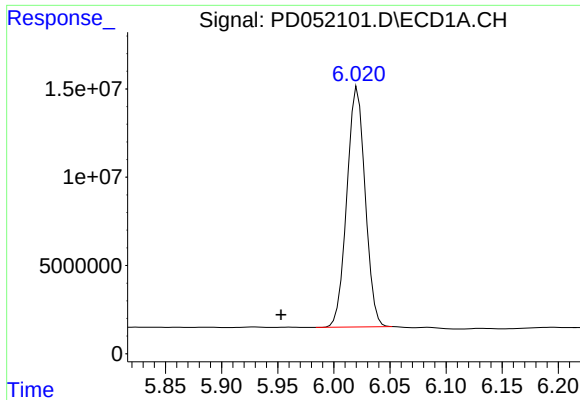
#23 Toxaphene-2

R.T.: 5.650 min  
Delta R.T.: 0.064 min  
Response: 199760322  
Conc: 8975.07 ng/ml



#23 Toxaphene-2

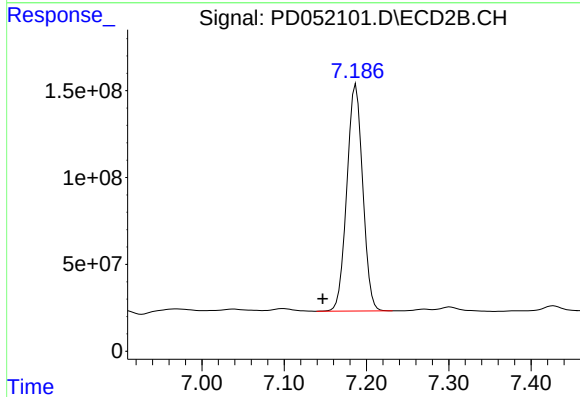
R.T.: 0.000 min  
Exp R.T.: 6.637 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

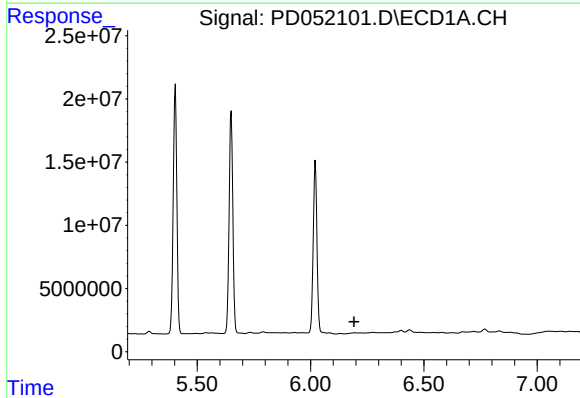
R.T.: 6.021 min  
Delta R.T.: 0.068 min  
Response: 154110091  
Conc: 4256.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



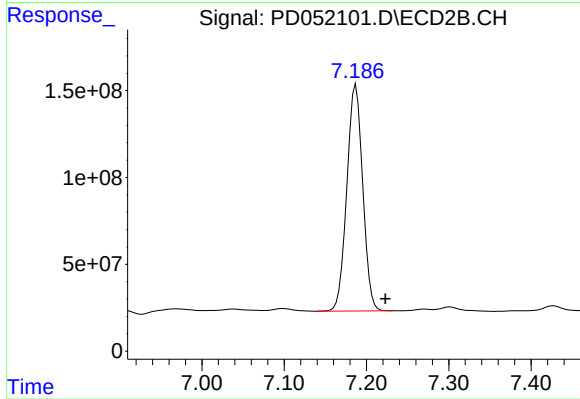
#24 Toxaphene-3

R.T.: 7.187 min  
Delta R.T.: 0.040 min  
Response: 1748928605  
Conc: 9068.34 ng/ml



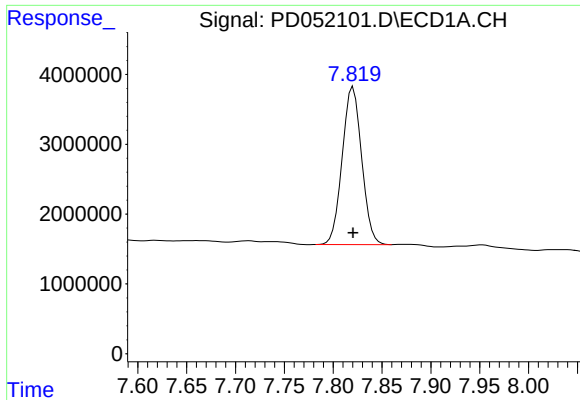
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.192 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

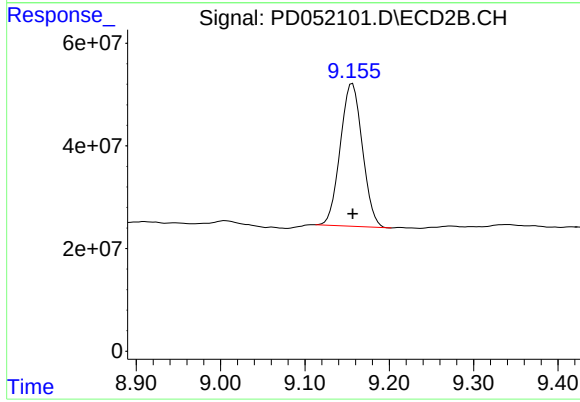
R.T.: 7.187 min  
Delta R.T.: -0.036 min  
Response: 1748928605  
Conc: 3309.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.820 min  
Delta R.T.: 0.000 min  
Response: 31325964  
Conc: 29.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.156 min  
Delta R.T.: 0.000 min  
Response: 506343496  
Conc: 34.36 ng/ml