

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070519\  
 Data File : PD053888.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Jul 2019 17:58  
 Operator : SM\AJ  
 Sample : K3671-11  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C5BD2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 05 23:10:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 05 03:58:18 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... | 3.314  | 3.982  | 12084789 | 17462827 | 15.839   | 15.484    |
| 27)                         | SA Decachlor... | 8.008  | 9.024  | 22673885 | 30368121 | 30.529   | 29.065    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.696f | 4.407f | 2202138  | 3851042  | 2.000    | 2.447     |
| 3)                          | MA gamma-BHC... | 4.026  | 4.633  | 3657659  | 4379667  | 3.428    | 2.840     |
| 4)                          | MA Heptachlor   | 4.274f | 0.000  | 252.7E6  | 0        | 260.069  | N.D. #    |
| 5)                          | MB Aldrin       | 4.599f | 0.000  | 8180654  | 0        | 8.383    | N.D. #    |
| 6)                          | B beta-BHC      | 4.274  | 4.845  | 252.7E6  | -3684071 | 523.417  | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 5.061  | 0        | 382.2E6  | N.D.     | 249.771   |
| 8)                          | B Heptachlor... | 5.052f | 0.000  | 12164370 | 0        | 13.172   | N.D. #    |
| 9)                          | A Endosulfan I  | 5.346  | 6.155f | 13830922 | 18028529 | 15.642   | 13.345    |
| 10)                         | B trans-Chl...  | 5.211  | 6.080  | 5132334  | 13027668 | 5.362    | 8.631 #   |
| 11)                         | B cis-Chlor...  | 5.267  | 6.155  | 8920337  | 18028529 | 9.552    | 12.243 #  |
| 12)                         | B 4,4'-DDE      | 5.436  | 6.305  | 5072146  | 6525001  | 5.598    | 4.636     |
| 13)                         | MA Dieldrin     | 5.563  | 6.459  | 15234169 | 7928049  | 15.548   | 5.349 #   |
| 14)                         | MA Endrin       | 5.877f | 0.000  | 2166270  | 0        | 2.604    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.093  | 6.897  | 3937606  | 2862059  | 4.568    | 2.186 #   |
| 17)                         | MA 4,4'-DDT     | 6.184  | 7.093  | 4037170  | 5998147  | 5.633    | 5.085     |
| 18)                         | B Endrin al...  | 6.324f | 0.000  | 3226694  | 0        | 4.528    | N.D. #    |
| 19)                         | B Endosulfa...  | 6.457  | 7.227  | 4107559  | 6446755  | 5.090    | 5.264     |
| 20)                         | A Methoxychlor  | 6.764  | 7.605f | 11211429 | 10355715 | 34.029   | 17.378 #  |
| 21)                         | B Endrin ke...  | 6.898f | 7.751f | 7245211  | 7454891  | 8.075    | 5.683 #   |
| 22)                         | Toxaphene-1     | 5.563  | 6.305  | 15234169 | 6525001  | 2789.483 | 912.750 # |
| 23)                         | Toxaphene-2     | 5.653  | 0.000  | 4293024  | 0        | 730.246  | N.D. #    |
| 24)                         | Toxaphene-3     | 0.000  | 7.093  | 0        | 5998147  | N.D.     | 485.753   |
| 25)                         | Toxaphene-4     | 6.093  | 7.093  | 3937606  | 5998147  | 261.805  | 177.236 # |
| 26)                         | Toxaphene-5     | 6.898  | 7.605  | 7245211  | 10355715 | 393.905  | 675.014 # |
| -----                       |                 |        |        |          |          |          |           |

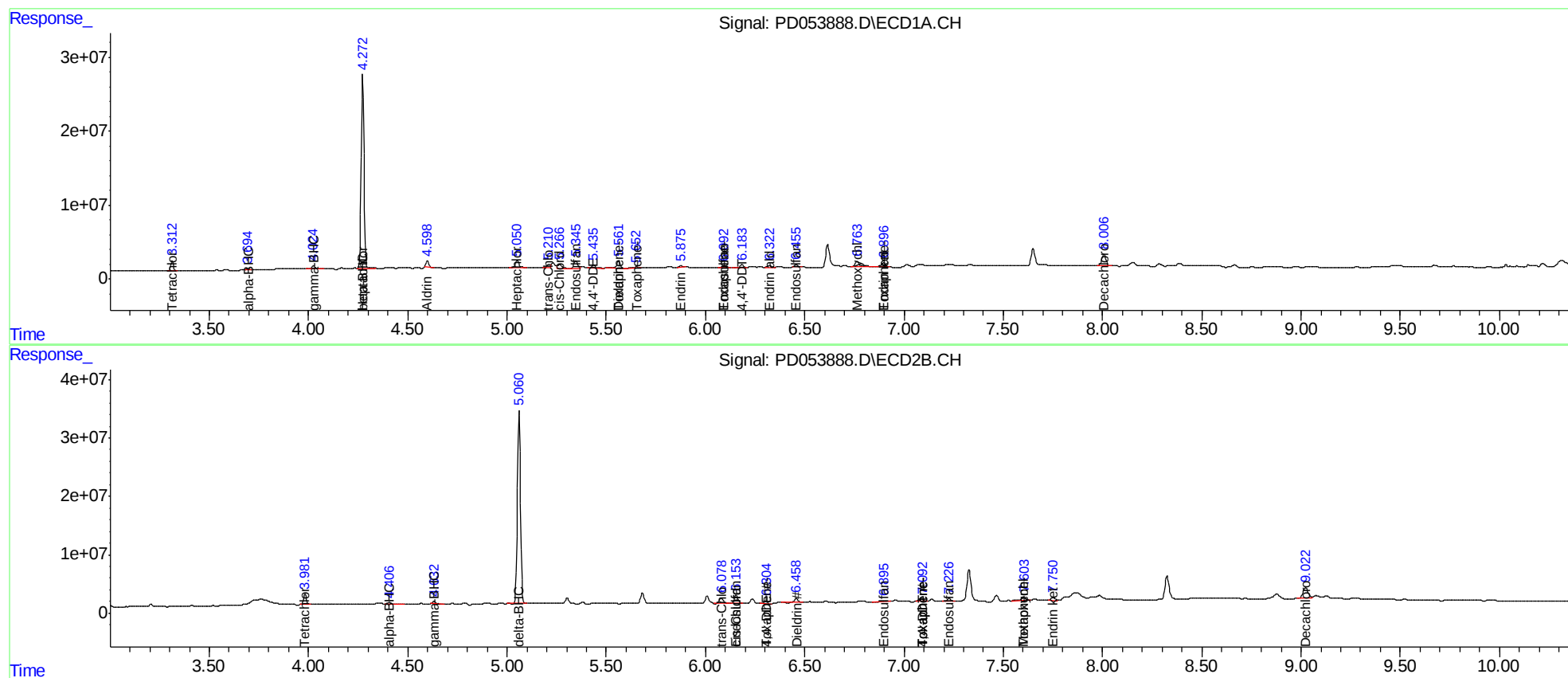
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

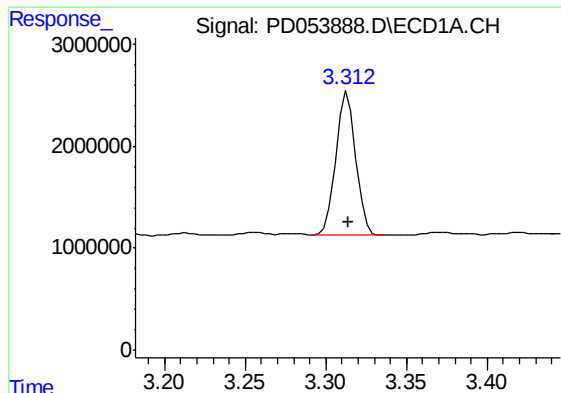
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070519\  
Data File : PD053888.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Jul 2019 17:58  
Operator : SM\AJ  
Sample : K3671-11  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 05 23:10:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070319CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 05 03:58:18 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

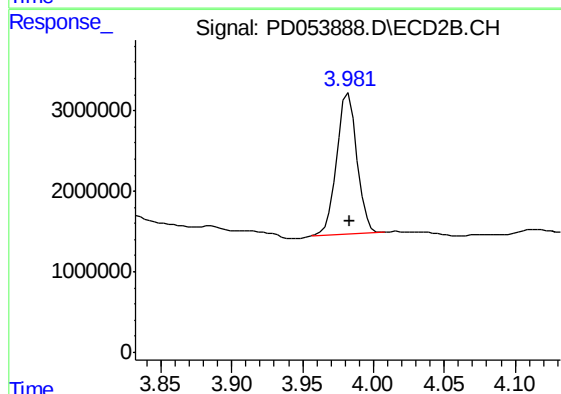




#1 Tetrachloro-m-xylene

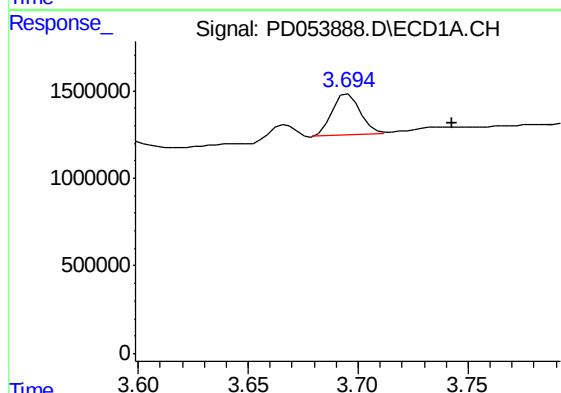
R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 12084789  
Conc: 15.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



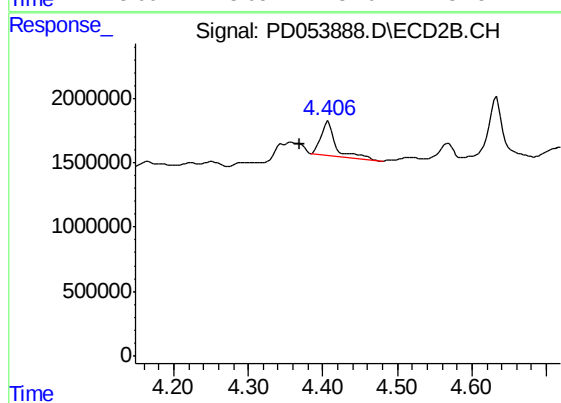
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 17462827  
Conc: 15.48 ng/ml



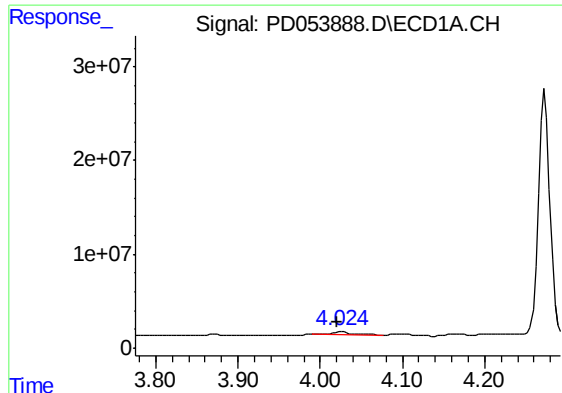
#2 alpha-BHC

R.T.: 3.696 min  
Delta R.T.: -0.047 min  
Response: 2202138  
Conc: 2.00 ng/ml



#2 alpha-BHC

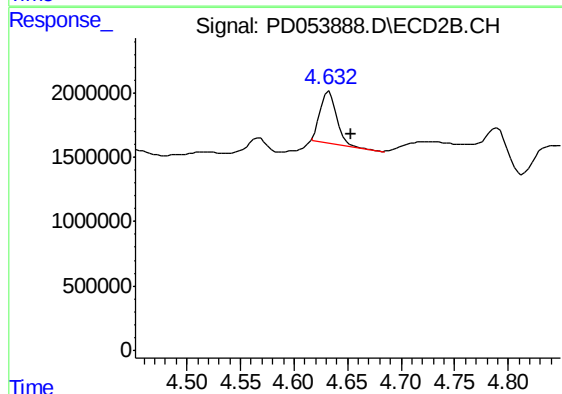
R.T.: 4.407 min  
Delta R.T.: 0.038 min  
Response: 3851042  
Conc: 2.45 ng/ml



#3 gamma-BHC (Lindane)

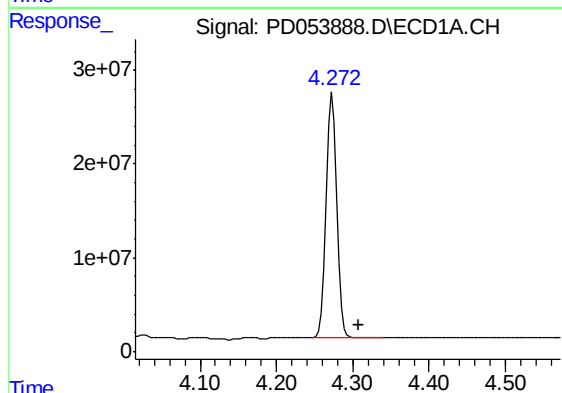
R.T.: 4.026 min  
Delta R.T.: 0.005 min  
Response: 3657659  
Conc: 3.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



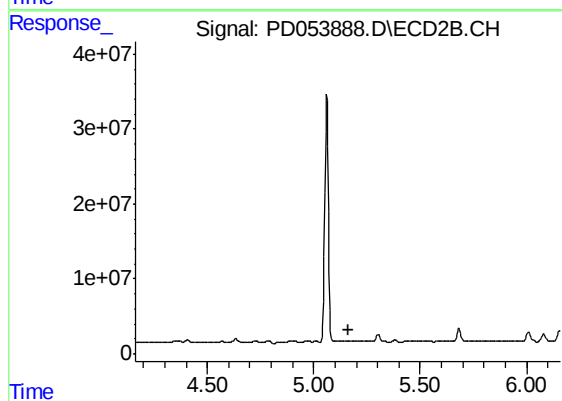
#3 gamma-BHC (Lindane)

R.T.: 4.633 min  
Delta R.T.: -0.020 min  
Response: 4379667  
Conc: 2.84 ng/ml



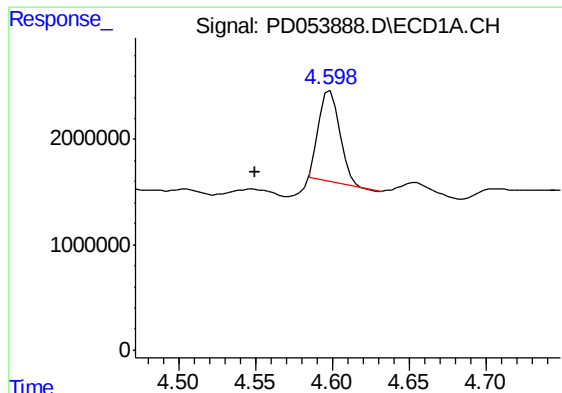
#4 Heptachlor

R.T.: 4.274 min  
Delta R.T.: -0.035 min  
Response: 252704891  
Conc: 260.07 ng/ml



#4 Heptachlor

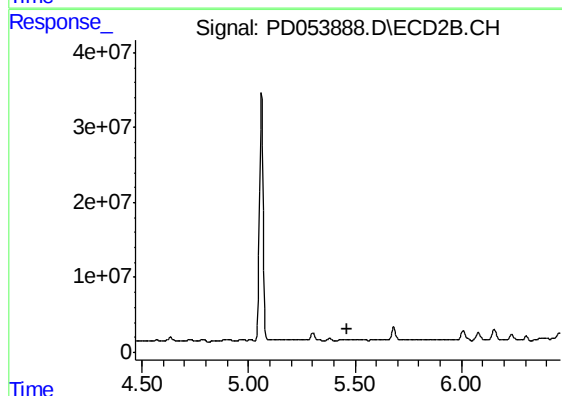
R.T.: 0.000 min  
Exp R.T. : 5.161 min  
Response: 0  
Conc: N.D.



#5 Aldrin

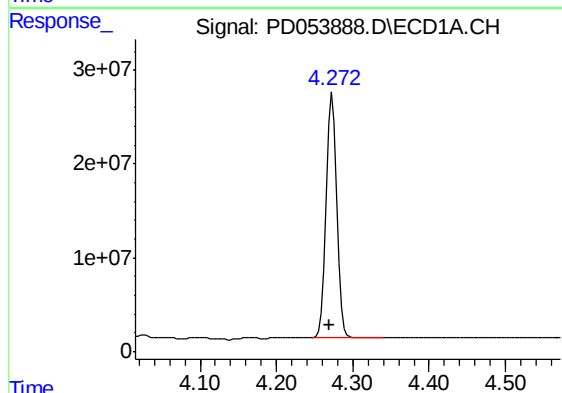
R.T.: 4.599 min  
Delta R.T.: 0.049 min  
Response: 8180654  
Conc: 8.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



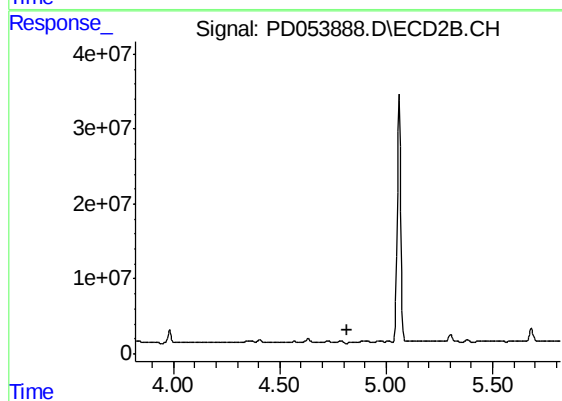
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.466 min  
Response: 0  
Conc: N.D.



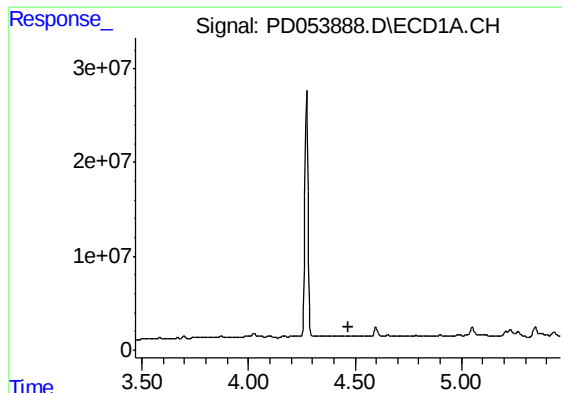
#6 beta-BHC

R.T.: 4.274 min  
Delta R.T.: 0.004 min  
Response: 252704891  
Conc: 523.42 ng/ml



#6 beta-BHC

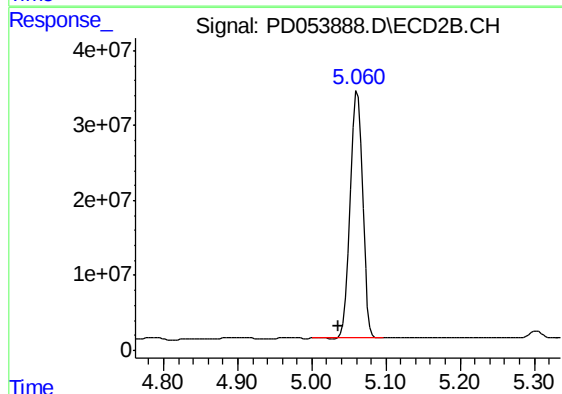
R.T.: 4.845 min  
Delta R.T.: 0.025 min  
Response: -3684071  
Conc: N.D.



#7 delta-BHC

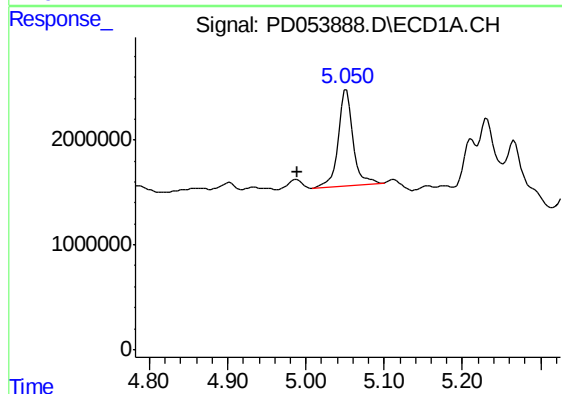
R.T.: 0.000 min  
Exp R.T. : 4.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



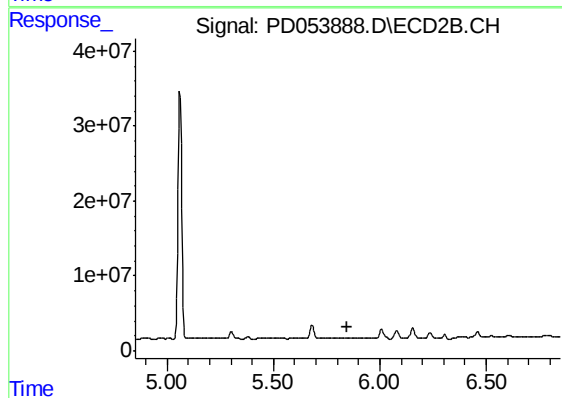
#7 delta-BHC

R.T.: 5.061 min  
Delta R.T.: 0.025 min  
Response: 382152783  
Conc: 249.77 ng/ml



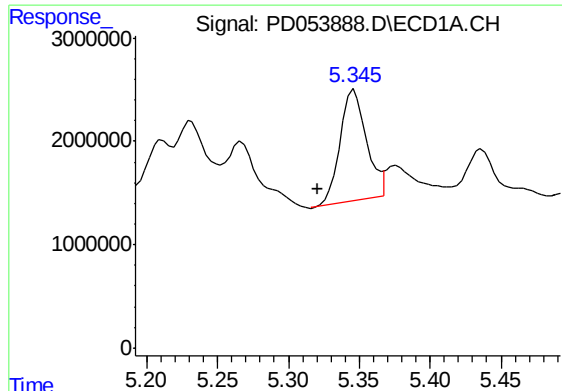
#8 Heptachlor epoxide

R.T.: 5.052 min  
Delta R.T.: 0.063 min  
Response: 12164370  
Conc: 13.17 ng/ml



#8 Heptachlor epoxide

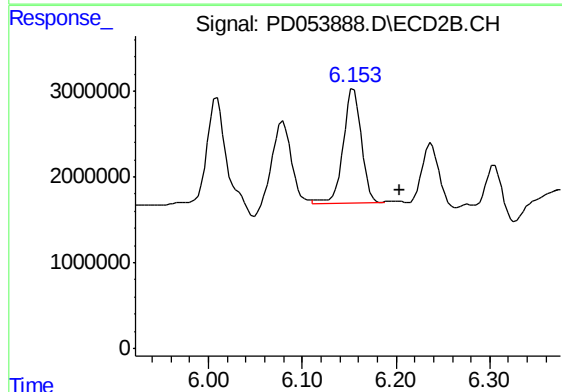
R.T.: 0.000 min  
Exp R.T. : 5.849 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

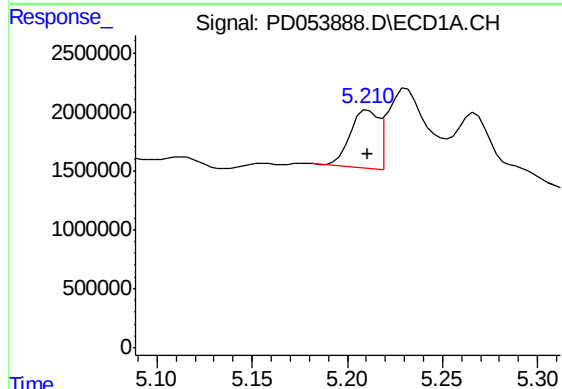
R.T.: 5.346 min  
Delta R.T.: 0.026 min  
Response: 13830922  
Conc: 15.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



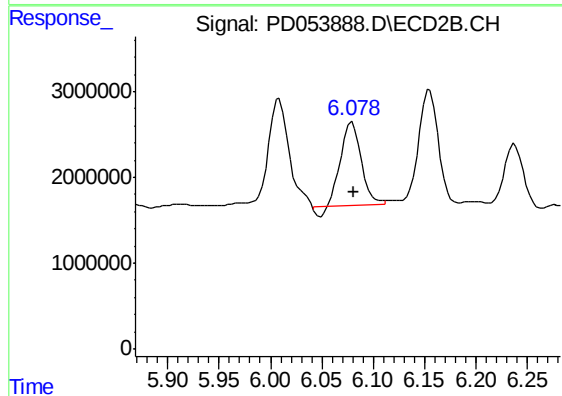
#9 Endosulfan I

R.T.: 6.155 min  
Delta R.T.: -0.049 min  
Response: 18028529  
Conc: 13.34 ng/ml



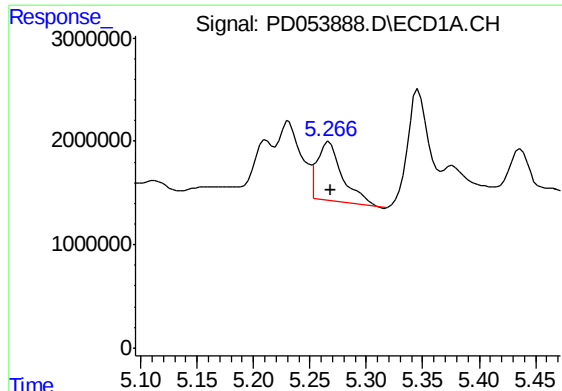
#10 trans-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 5132334  
Conc: 5.36 ng/ml



#10 trans-Chlordane

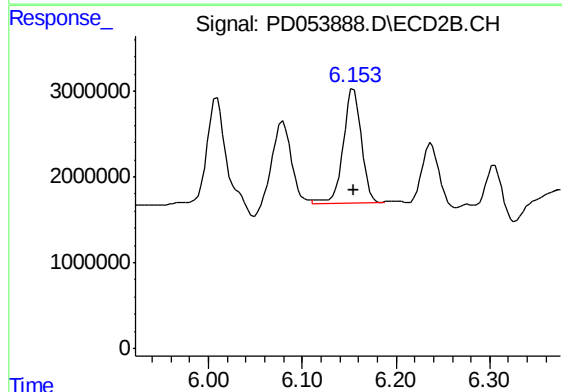
R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 13027668  
Conc: 8.63 ng/ml



#11 cis-Chlordane

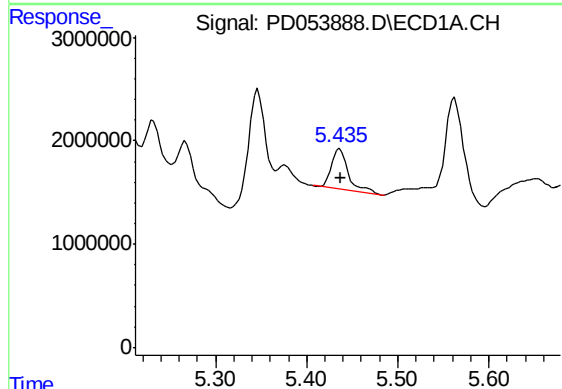
R.T.: 5.267 min  
Delta R.T.: -0.002 min  
Response: 8920337  
Conc: 9.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



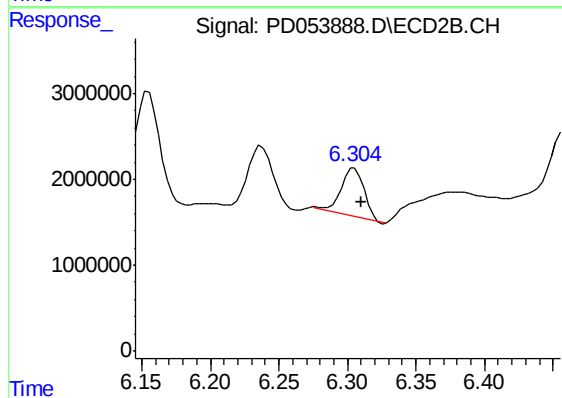
#11 cis-Chlordane

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 18028529  
Conc: 12.24 ng/ml



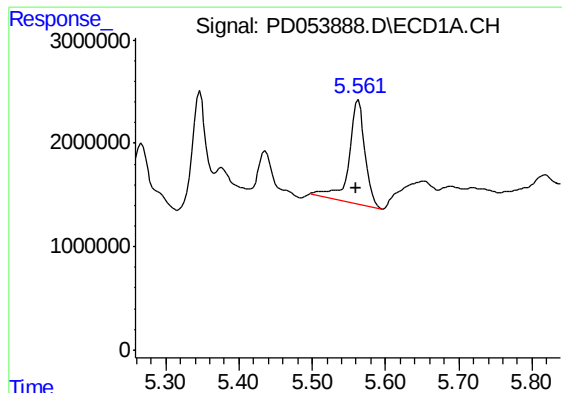
#12 4,4'-DDE

R.T.: 5.436 min  
Delta R.T.: -0.002 min  
Response: 5072146  
Conc: 5.60 ng/ml



#12 4,4'-DDE

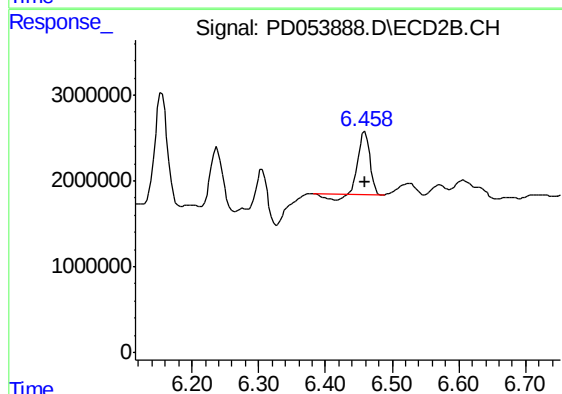
R.T.: 6.305 min  
Delta R.T.: -0.005 min  
Response: 6525001  
Conc: 4.64 ng/ml



#13 Dielddrin

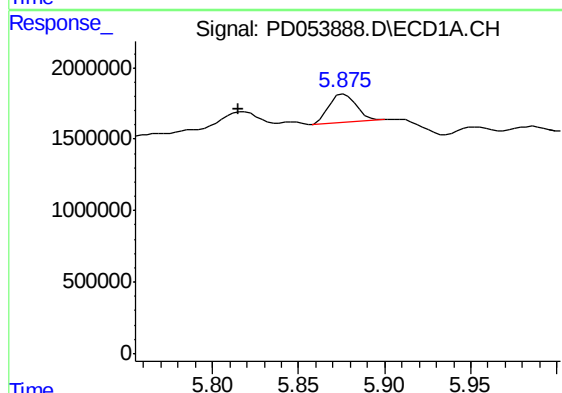
R.T.: 5.563 min  
Delta R.T.: 0.002 min  
Response: 15234169  
Conc: 15.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



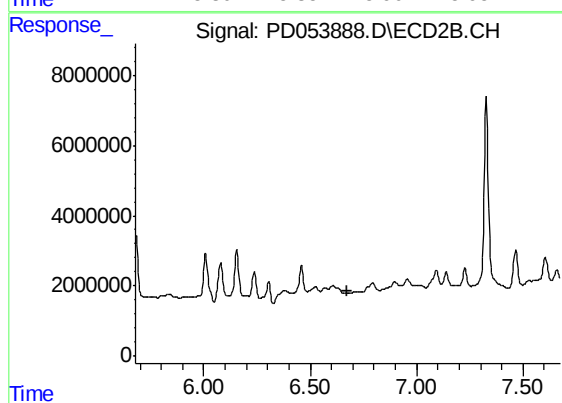
#13 Dielddrin

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 7928049  
Conc: 5.35 ng/ml



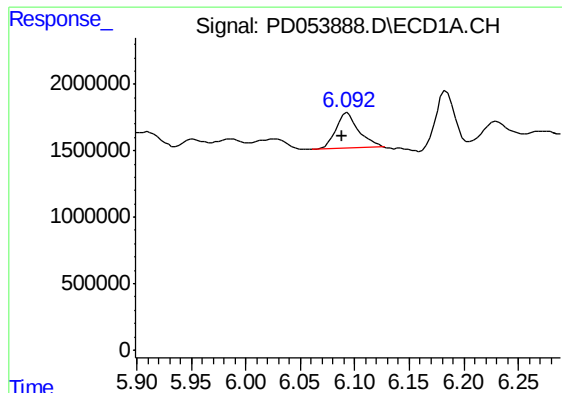
#14 Endrin

R.T.: 5.877 min  
Delta R.T.: 0.061 min  
Response: 2166270  
Conc: 2.60 ng/ml



#14 Endrin

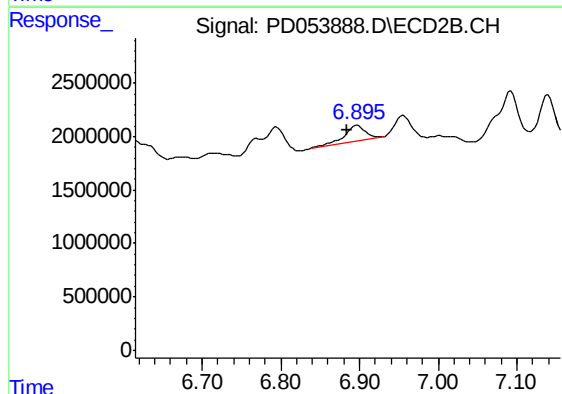
R.T.: 0.000 min  
Exp R.T. : 6.676 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

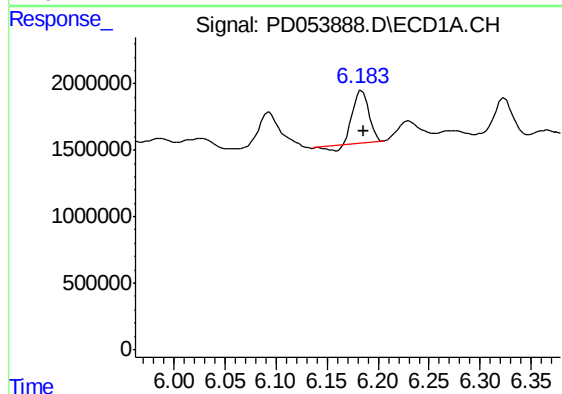
R.T.: 6.093 min  
Delta R.T.: 0.005 min  
Response: 3937606  
Conc: 4.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



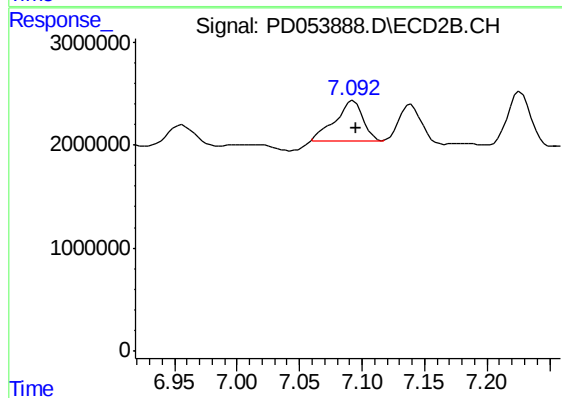
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.013 min  
Response: 2862059  
Conc: 2.19 ng/ml



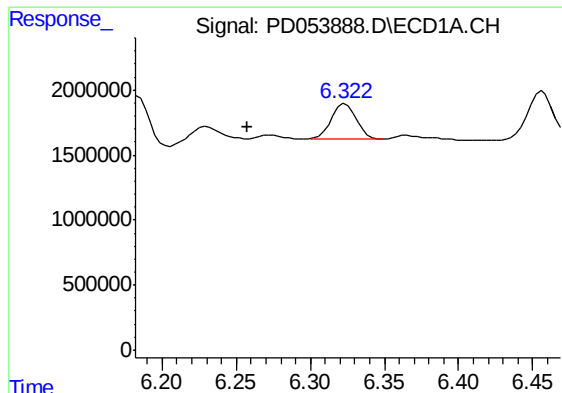
#17 4,4'-DDT

R.T.: 6.184 min  
Delta R.T.: -0.002 min  
Response: 4037170  
Conc: 5.63 ng/ml



#17 4,4'-DDT

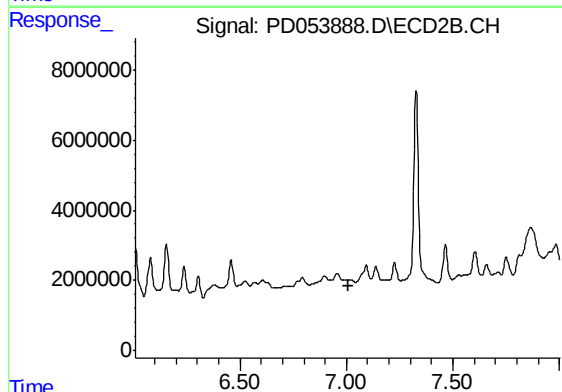
R.T.: 7.093 min  
Delta R.T.: -0.002 min  
Response: 5998147  
Conc: 5.08 ng/ml



#18 Endrin aldehyde

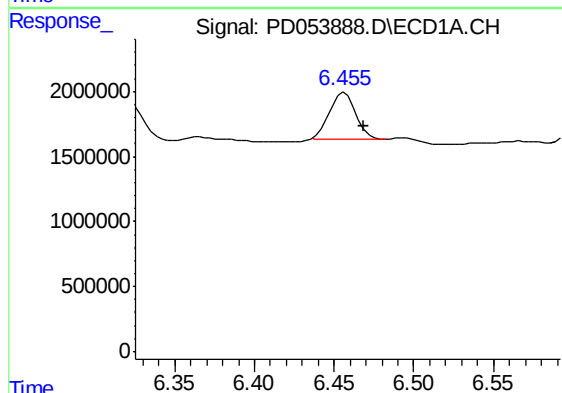
R.T.: 6.324 min  
Delta R.T.: 0.066 min  
Response: 3226694  
Conc: 4.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



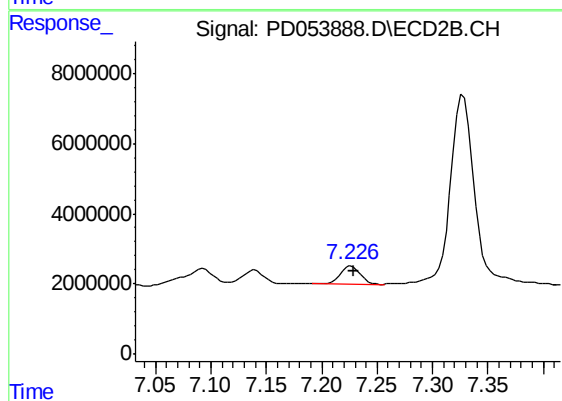
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.007 min  
Response: 0  
Conc: N.D.



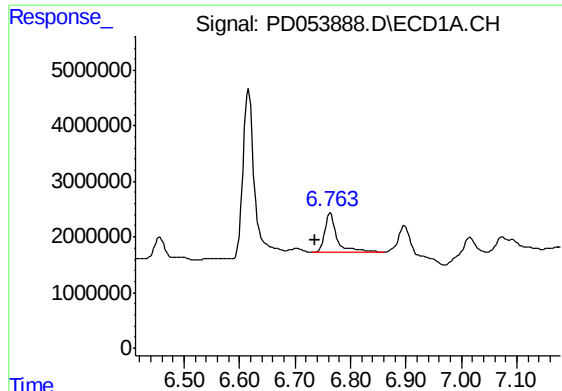
#19 Endosulfan Sulfate

R.T.: 6.457 min  
Delta R.T.: -0.012 min  
Response: 4107559  
Conc: 5.09 ng/ml



#19 Endosulfan Sulfate

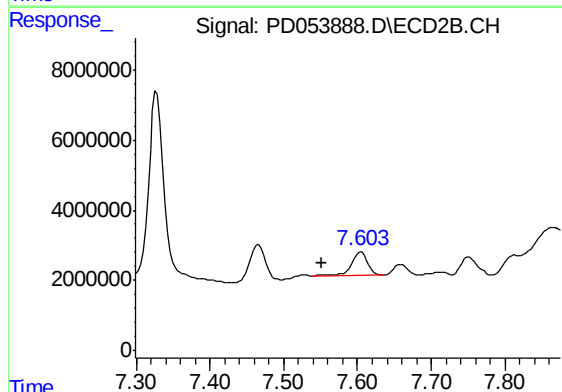
R.T.: 7.227 min  
Delta R.T.: -0.002 min  
Response: 6446755  
Conc: 5.26 ng/ml



#20 Methoxychlor

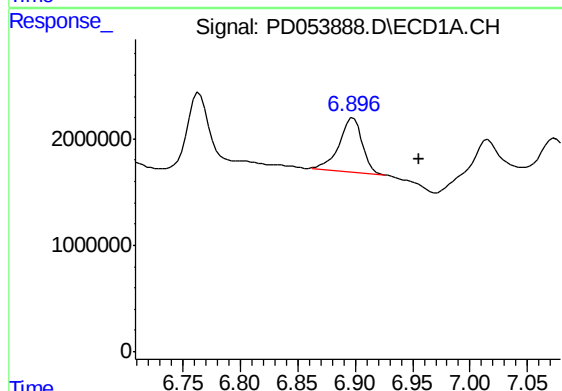
R.T.: 6.764 min  
Delta R.T.: 0.027 min  
Response: 11211429  
Conc: 34.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



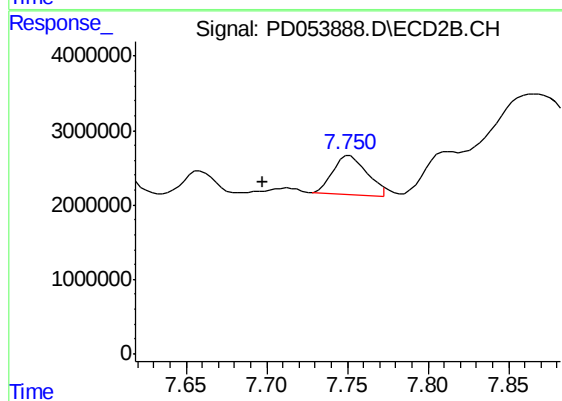
#20 Methoxychlor

R.T.: 7.605 min  
Delta R.T.: 0.053 min  
Response: 10355715  
Conc: 17.38 ng/ml



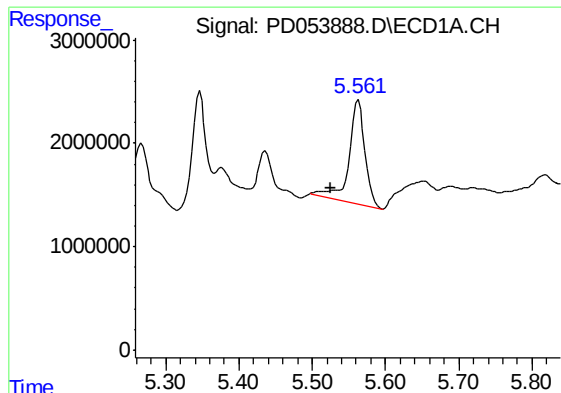
#21 Endrin ketone

R.T.: 6.898 min  
Delta R.T.: -0.057 min  
Response: 7245211  
Conc: 8.07 ng/ml



#21 Endrin ketone

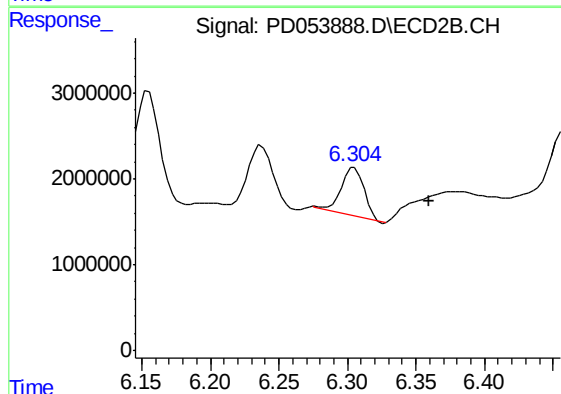
R.T.: 7.751 min  
Delta R.T.: 0.054 min  
Response: 7454891  
Conc: 5.68 ng/ml



#22 Toxaphene-1

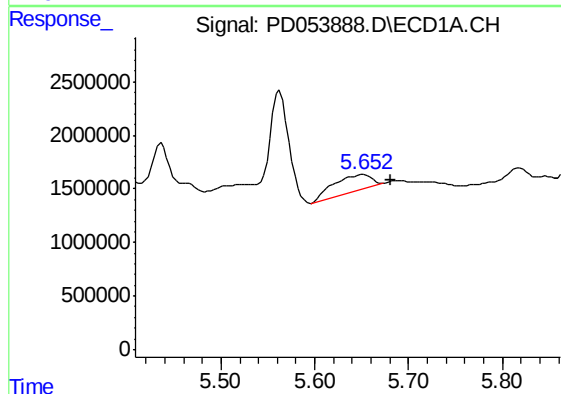
R.T.: 5.563 min  
Delta R.T.: 0.037 min  
Response: 15234169  
Conc: 2789.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



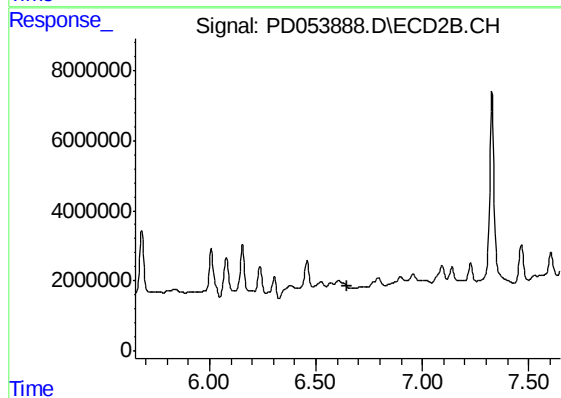
#22 Toxaphene-1

R.T.: 6.305 min  
Delta R.T.: -0.055 min  
Response: 6525001  
Conc: 912.75 ng/ml



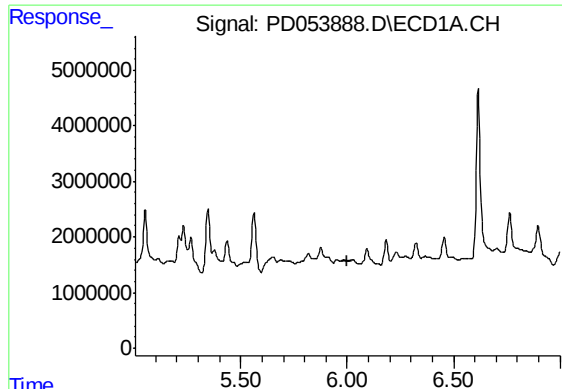
#23 Toxaphene-2

R.T.: 5.653 min  
Delta R.T.: -0.028 min  
Response: 4293024  
Conc: 730.25 ng/ml



#23 Toxaphene-2

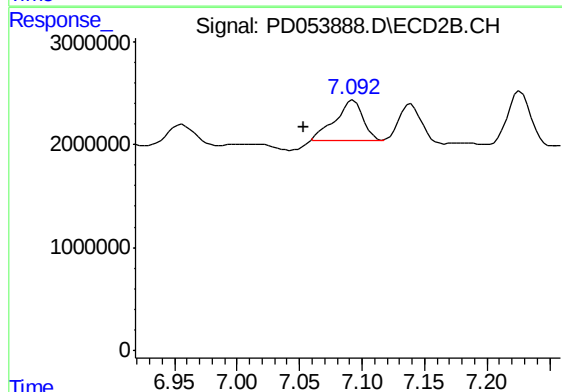
R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

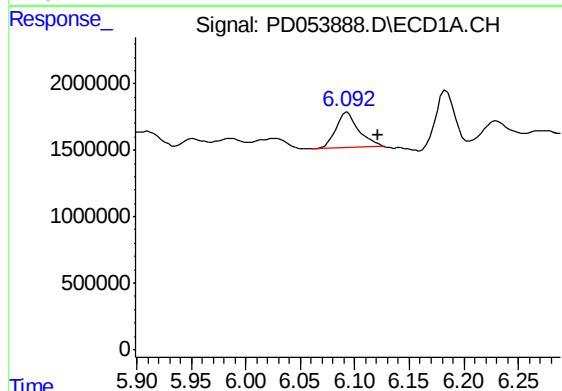
R.T.: 0.000 min  
Exp R.T.: 6.003 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



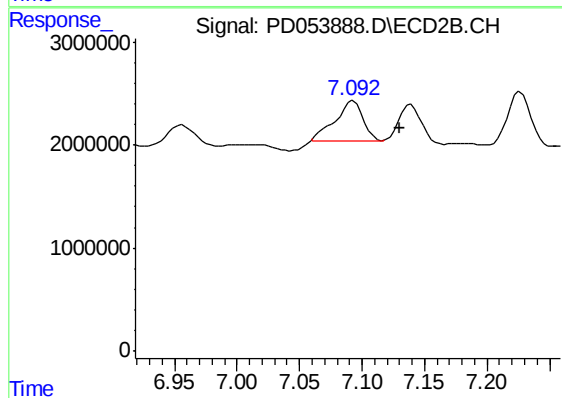
#24 Toxaphene-3

R.T.: 7.093 min  
Delta R.T.: 0.039 min  
Response: 5998147  
Conc: 485.75 ng/ml



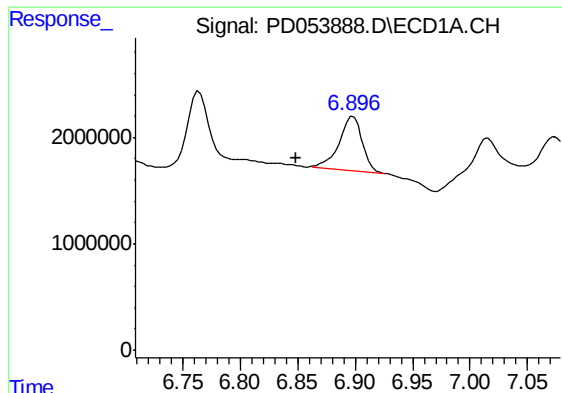
#25 Toxaphene-4

R.T.: 6.093 min  
Delta R.T.: -0.028 min  
Response: 3937606  
Conc: 261.81 ng/ml



#25 Toxaphene-4

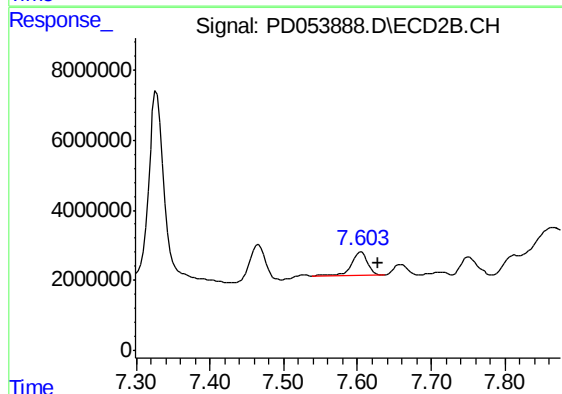
R.T.: 7.093 min  
Delta R.T.: -0.037 min  
Response: 5998147  
Conc: 177.24 ng/ml



#26 Toxaphene-5

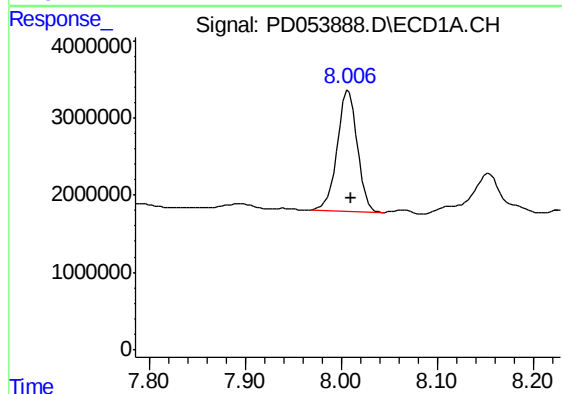
R.T.: 6.898 min  
Delta R.T.: 0.050 min  
Response: 7245211  
Conc: 393.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C5BD2



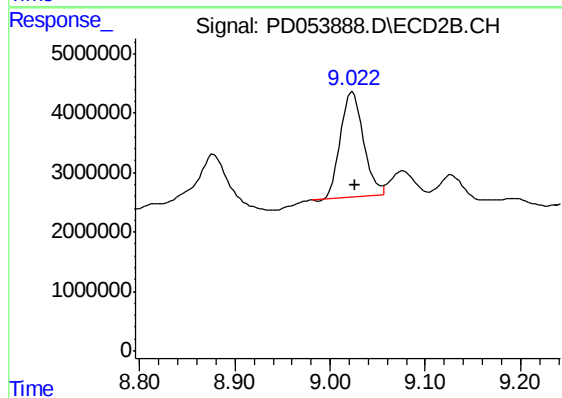
#26 Toxaphene-5

R.T.: 7.605 min  
Delta R.T.: -0.023 min  
Response: 10355715  
Conc: 675.01 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.008 min  
Delta R.T.: -0.003 min  
Response: 22673885  
Conc: 30.53 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.002 min  
Response: 30368121  
Conc: 29.07 ng/ml