

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081820\  
 Data File : PD059017.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2020 12:33  
 Operator : DD\AJ  
 Sample : L3611-25MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DBFM8MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 05:45:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080620CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 06 11:29:05 2020  
 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... | 3.207  | 3.865  | 13191248 | 20202258 | 13.640    | 13.950      |
| 27)                         | SA Decachlor... | 7.841  | 8.862  | 23409520 | 28427702 | 22.225    | 20.729      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 0.000  | 4.283f | 0        | 2032056  | N.D.      | 0.979       |
| 3)                          | MA gamma-BHC... | 3.900  | 4.529  | 68977152 | 99595687 | 49.631    | 52.398      |
| 4)                          | MA Heptachlor   | 4.179  | 5.028  | 71502641 | 103.9E6  | 59.820    | 55.369      |
| 5)                          | MB Aldrin       | 4.413  | 5.328  | 75612633 | 103.5E6  | 60.923    | 56.073      |
| 6)                          | B beta-BHC      | 4.179f | 4.719  | 71502641 | -81755   | 121.418   | N.D. #      |
| 8)                          | B Heptachlo...  | 4.913f | 5.709  | 7349084  | 2118604  | 6.505     | 1.272 #     |
| 9)                          | A Endosulfan I  | 5.200  | 6.017f | 236342   | 1984106  | 0.216     | 1.280 #     |
| 10)                         | B trans-Chl...  | 5.004f | 5.932  | 6566012  | 8617338  | 5.678     | 5.173       |
| 11)                         | B cis-Chlor...  | 0.000  | 6.017  | 0        | 1984106  | N.D.      | 1.179       |
| 12)                         | B 4,4'-DDE      | 5.291  | 6.175  | 5687891  | 4851164  | 4.943     | 3.061 #     |
| 13)                         | MA Dieldrin     | 5.410  | 6.320  | 145.1E6  | 196.5E6  | 119.418   | 117.406     |
| 14)                         | MA Endrin       | 5.661  | 6.536  | 117.6E6  | 163.1E6  | 118.358   | 120.217     |
| 15)                         | B Endosulfa...  | 0.000  | 6.771  | 0        | 26888    | N.D.      | <MDL        |
| 16)                         | A 4,4'-DDD      | 5.800  | 6.663  | 929600   | 2701308  | 0.986     | 2.061 #     |
| 17)                         | MA 4,4'-DDT     | 6.032  | 6.961  | 102.9E6  | 148.0E6  | 114.463   | 112.137     |
| 19)                         | B Endosulfa...  | 6.244f | 0.000  | 1780286  | 0        | 1.740     | N.D. #      |
| 20)                         | A Methoxychlor  | 6.607  | 7.469f | 1114940  | 612160   | 2.470     | 0.886 #     |
| 21)                         | B Endrin ke...  | 6.791  | 7.558  | 3133789  | 2916079  | 2.801     | 2.005 #     |
| 22)                         | Toxaphene-1     | 5.410  | 6.175  | 145.1E6  | 4851164  | 22801.676 | 572.093 #   |
| 23)                         | Toxaphene-2     | 0.000  | 6.536  | 0        | 163.1E6  | N.D.      | 15479.896   |
| 24)                         | Toxaphene-3     | 5.800  | 6.961  | 929600   | 148.0E6  | 169.013   | 11132.065 # |
| 25)                         | Toxaphene-4     | 6.032  | 6.961  | 102.9E6  | 148.0E6  | 5532.873  | 3854.913 #  |
| 26)                         | Toxaphene-5     | 6.740  | 7.469  | 1524906  | 612160   | 64.686    | 34.340 #    |
| -----                       |                 |        |        |          |          |           |             |

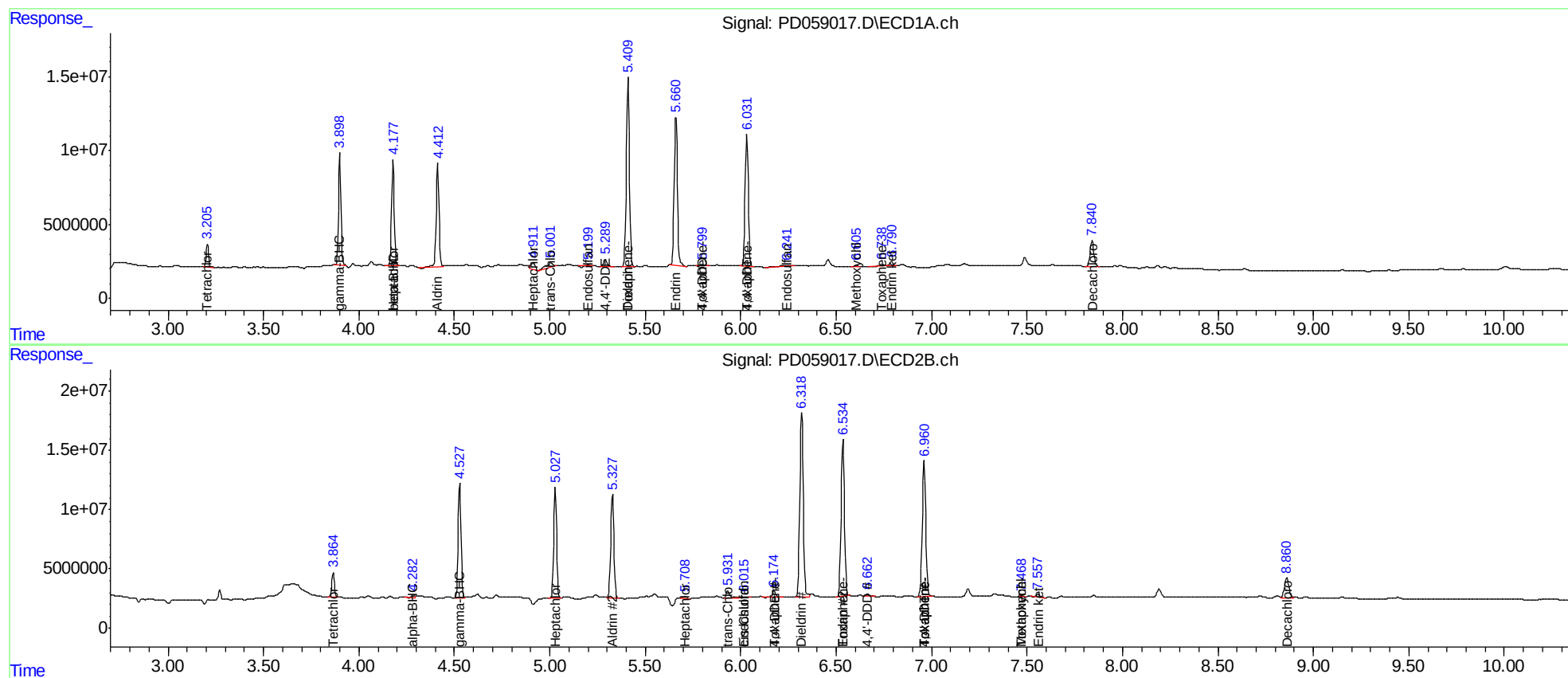
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

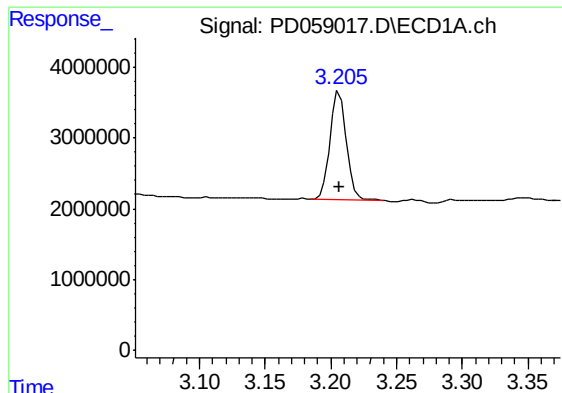
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081820\  
Data File : PD059017.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2020 12:33  
Operator : DD\AJ  
Sample : L3611-25MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 05:45:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080620CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 06 11:29:05 2020  
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

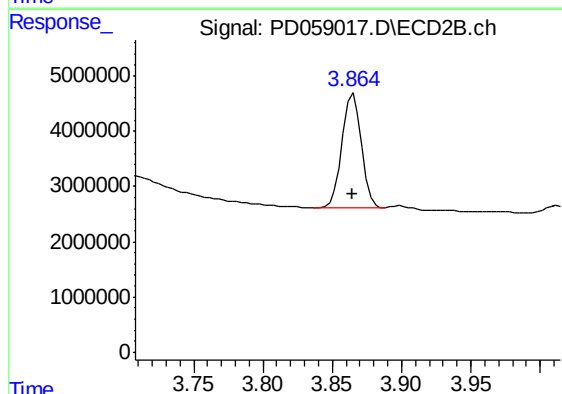




#1 Tetrachloro-m-xylene

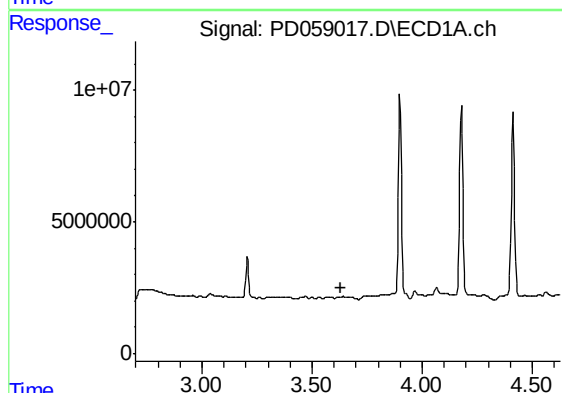
R.T.: 3.207 min  
Delta R.T.: 0.000 min  
Response: 13191248  
Conc: 13.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



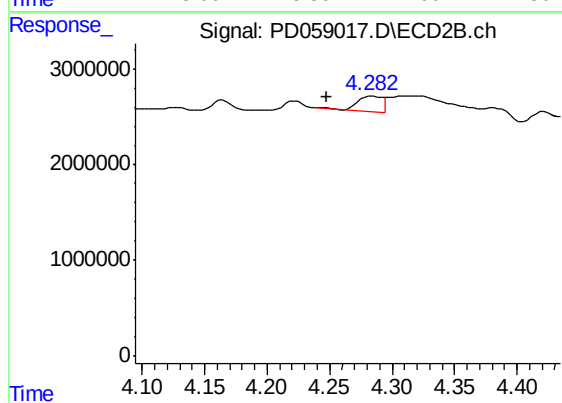
#1 Tetrachloro-m-xylene

R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 20202258  
Conc: 13.95 ng/ml



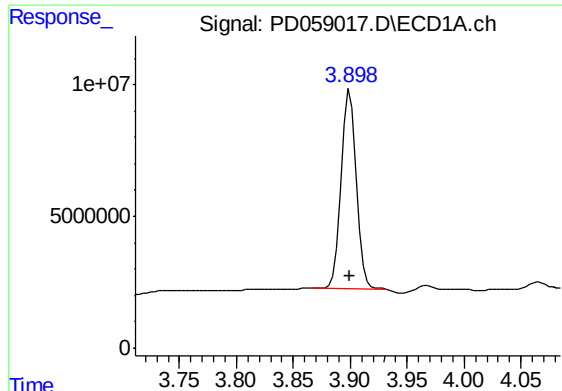
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.628 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

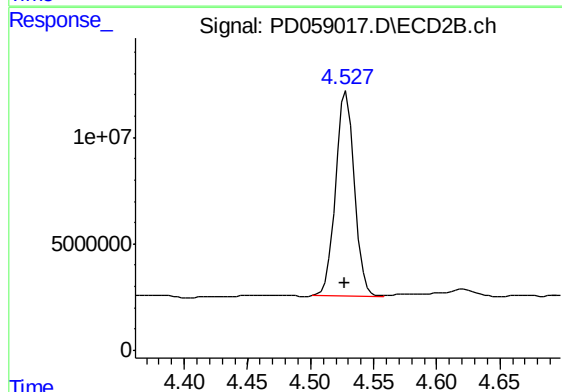
R.T.: 4.283 min  
Delta R.T.: 0.036 min  
Response: 2032056  
Conc: 0.98 ng/ml



#3 gamma-BHC (Lindane)

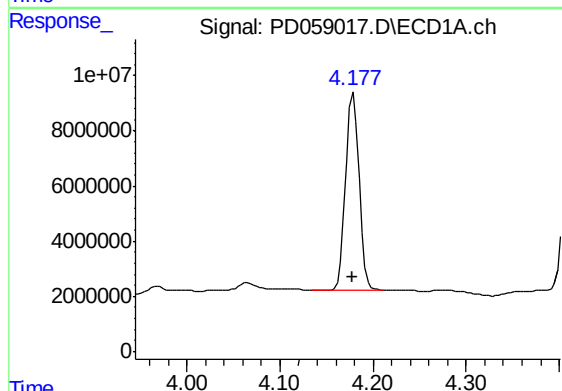
R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 68977152  
Conc: 49.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



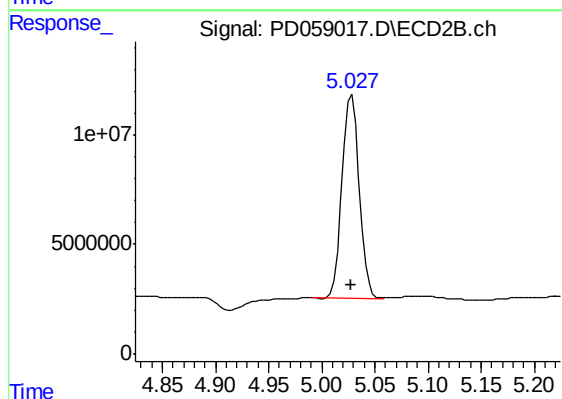
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 99595687  
Conc: 52.40 ng/ml



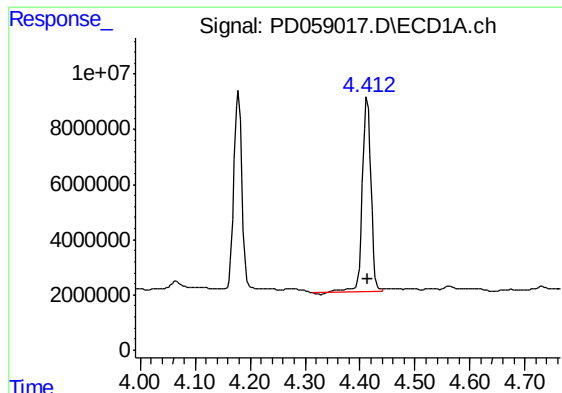
#4 Heptachlor

R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 71502641  
Conc: 59.82 ng/ml



#4 Heptachlor

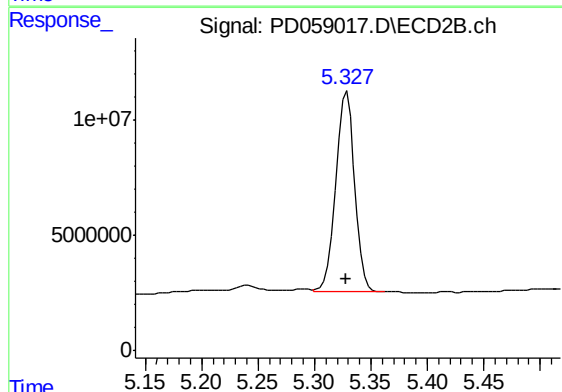
R.T.: 5.028 min  
Delta R.T.: 0.000 min  
Response: 103868557  
Conc: 55.37 ng/ml



#5 Aldrin

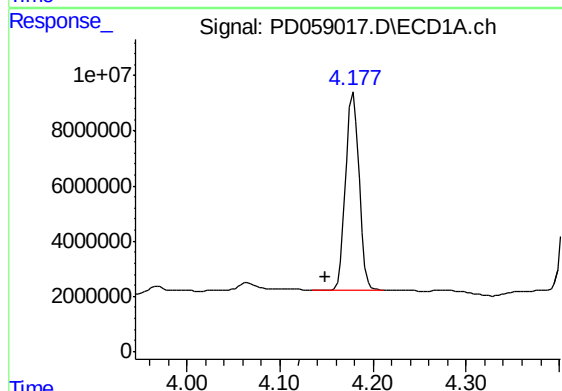
R.T.: 4.413 min  
Delta R.T.: 0.000 min  
Response: 75612633  
Conc: 60.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



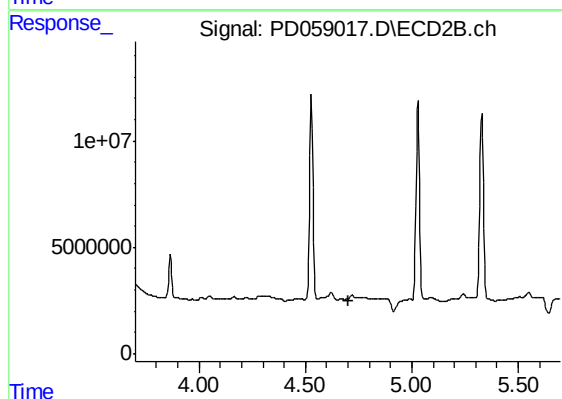
#5 Aldrin

R.T.: 5.328 min  
Delta R.T.: 0.001 min  
Response: 103514146  
Conc: 56.07 ng/ml



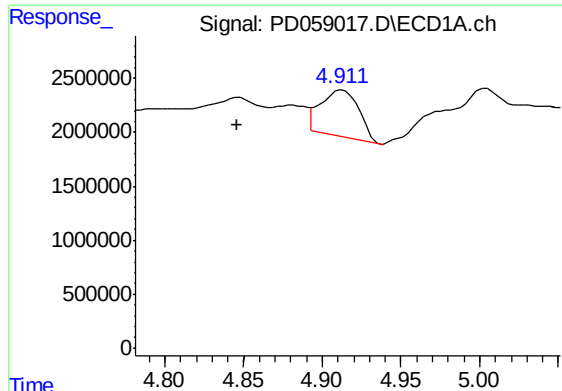
#6 beta-BHC

R.T.: 4.179 min  
Delta R.T.: 0.030 min  
Response: 71502641  
Conc: 121.42 ng/ml



#6 beta-BHC

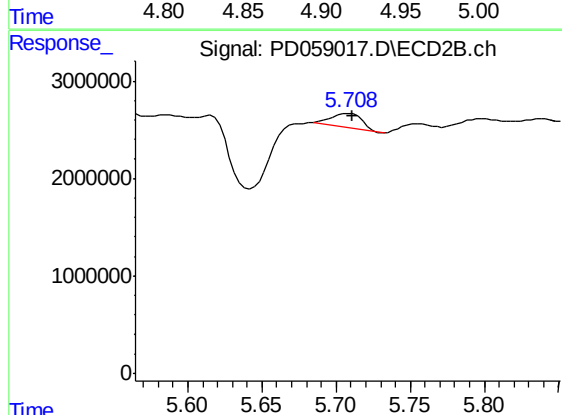
R.T.: 4.719 min  
Delta R.T.: 0.019 min  
Response: -81755  
Conc: N.D.



#8 Heptachlor epoxide

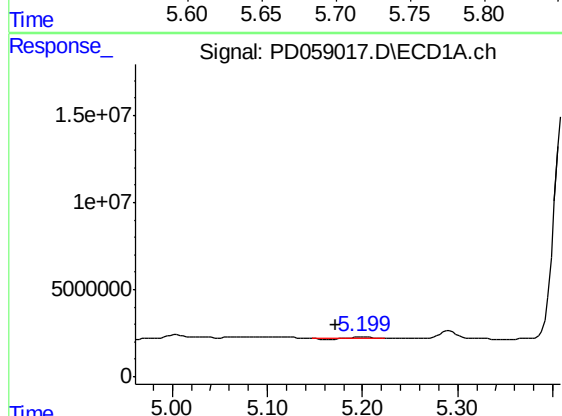
R.T.: 4.913 min  
Delta R.T.: 0.067 min  
Response: 7349084  
Conc: 6.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



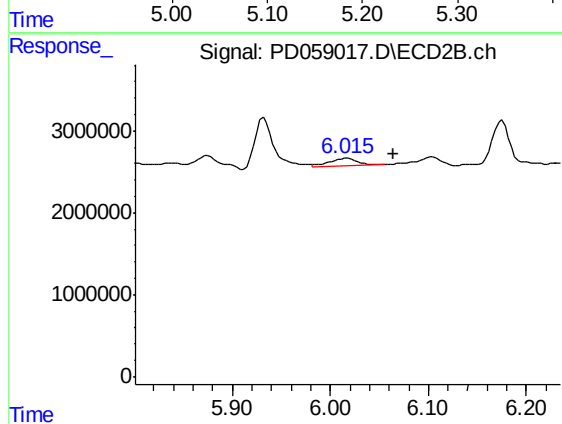
#8 Heptachlor epoxide

R.T.: 5.709 min  
Delta R.T.: -0.001 min  
Response: 2118604  
Conc: 1.27 ng/ml



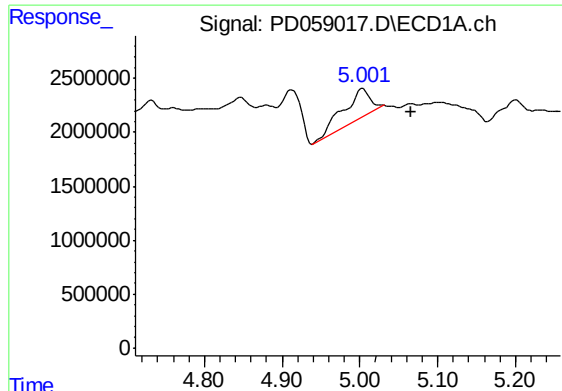
#9 Endosulfan I

R.T.: 5.200 min  
Delta R.T.: 0.029 min  
Response: 236342  
Conc: 0.22 ng/ml



#9 Endosulfan I

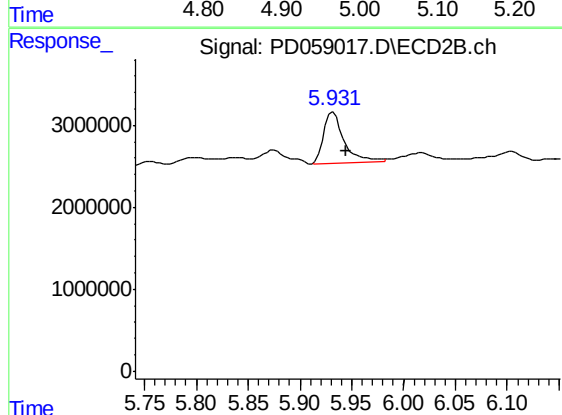
R.T.: 6.017 min  
Delta R.T.: -0.046 min  
Response: 1984106  
Conc: 1.28 ng/ml



#10 trans-Chlordane

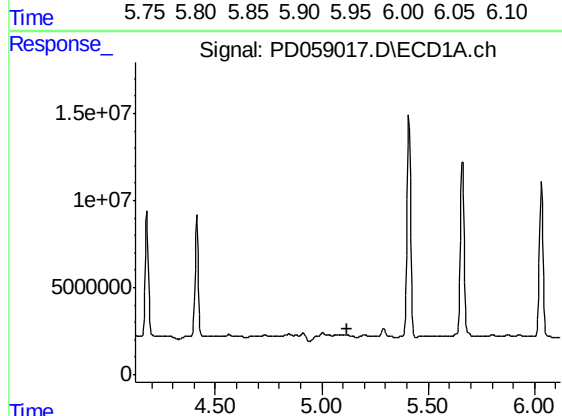
R.T.: 5.004 min  
Delta R.T.: -0.061 min  
Response: 6566012  
Conc: 5.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



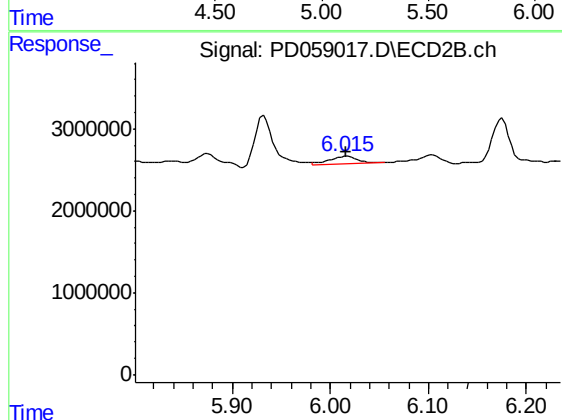
#10 trans-Chlordane

R.T.: 5.932 min  
Delta R.T.: -0.012 min  
Response: 8617338  
Conc: 5.17 ng/ml



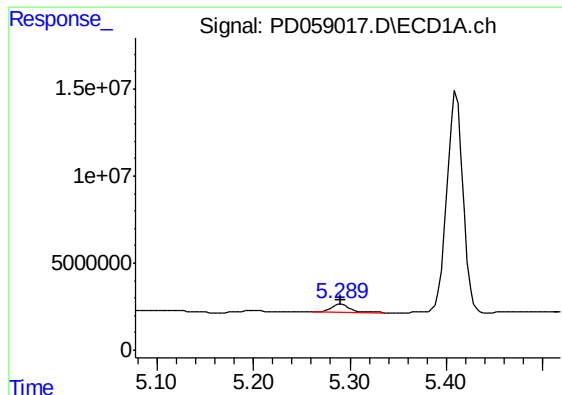
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.122 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

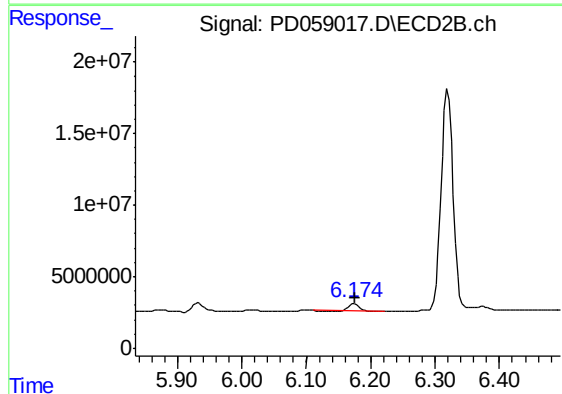
R.T.: 6.017 min  
Delta R.T.: 0.002 min  
Response: 1984106  
Conc: 1.18 ng/ml



#12 4,4'-DDE

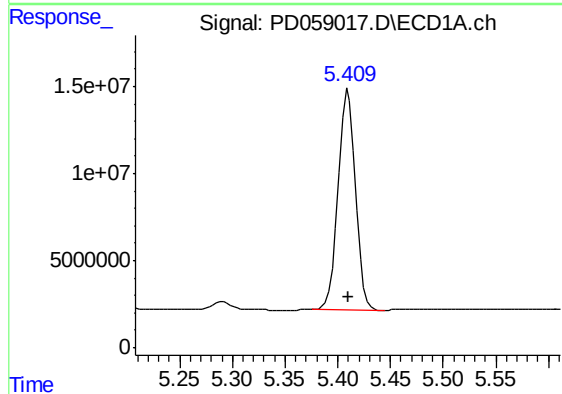
R.T.: 5.291 min  
Delta R.T.: 0.000 min  
Response: 5687891  
Conc: 4.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



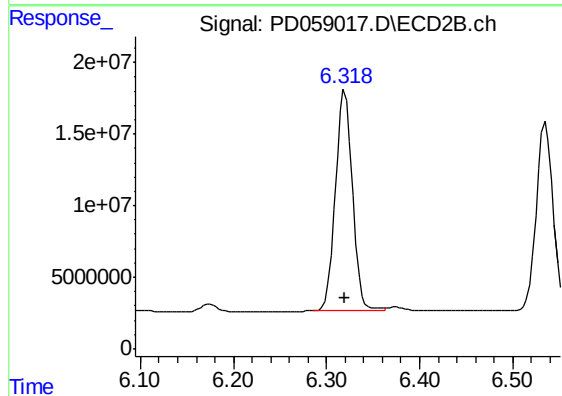
#12 4,4'-DDE

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 4851164  
Conc: 3.06 ng/ml



#13 Dieldrin

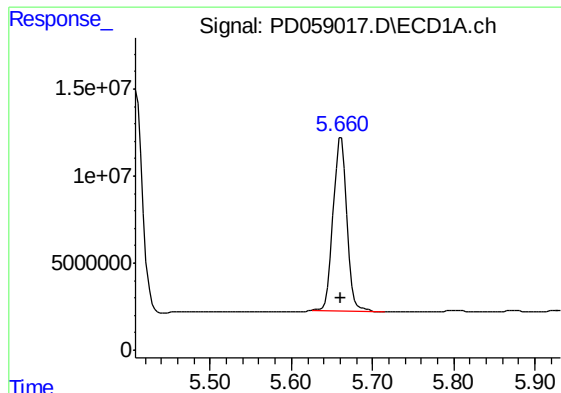
R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 145063277  
Conc: 119.42 ng/ml



#13 Dieldrin

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 196520969  
Conc: 117.41 ng/ml

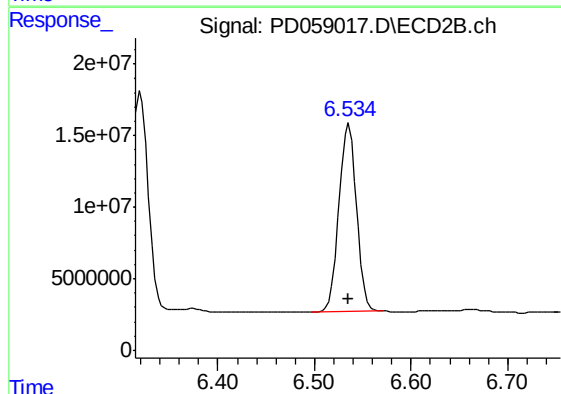




#14 Endrin

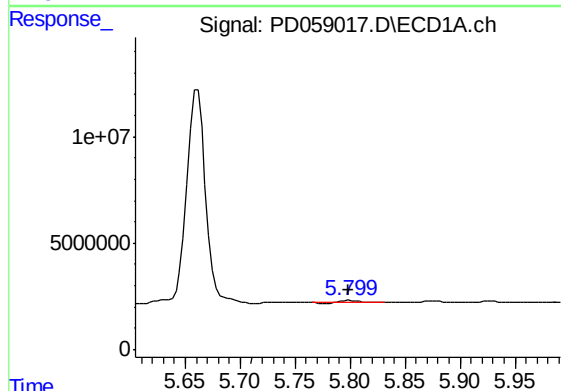
R.T.: 5.661 min  
Delta R.T.: 0.000 min  
Response: 117579351  
Conc: 118.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



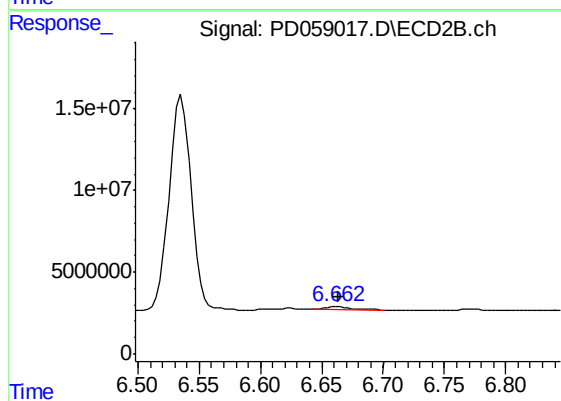
#14 Endrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 163087007  
Conc: 120.22 ng/ml



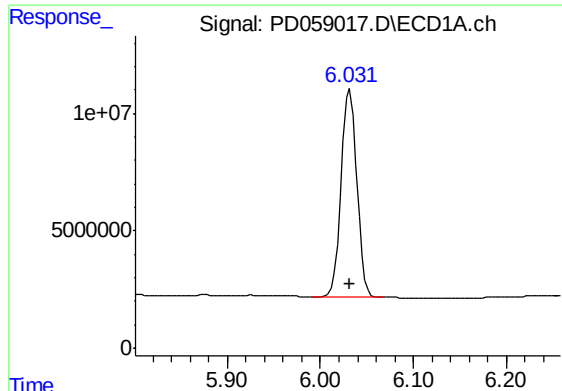
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: 0.002 min  
Response: 929600  
Conc: 0.99 ng/ml



#16 4,4'-DDD

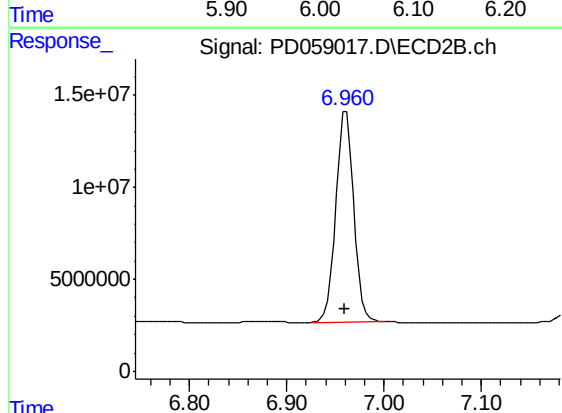
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 2701308  
Conc: 2.06 ng/ml



#17 4,4'-DDT

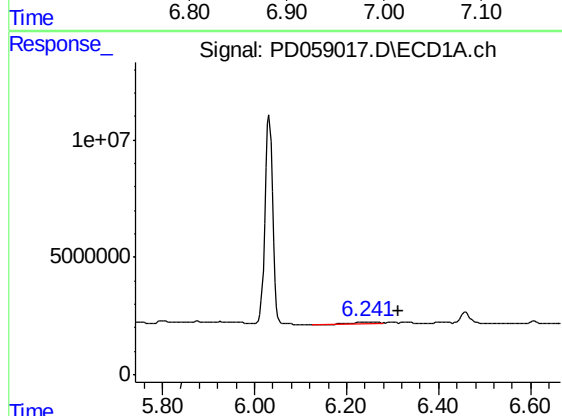
R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 102938393  
Conc: 114.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



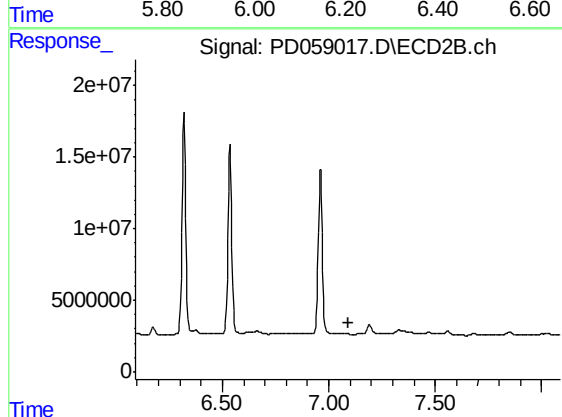
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.001 min  
Response: 147978827  
Conc: 112.14 ng/ml



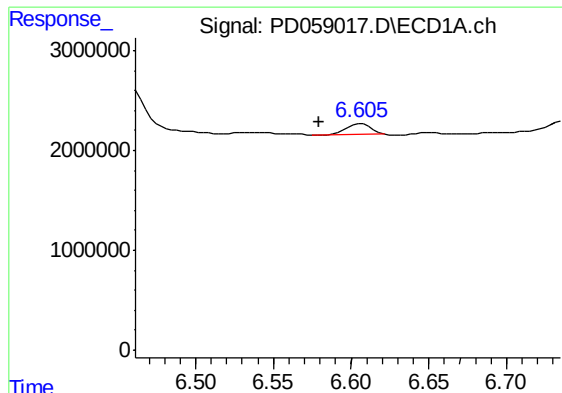
#19 Endosulfan Sulfate

R.T.: 6.244 min  
Delta R.T.: -0.069 min  
Response: 1780286  
Conc: 1.74 ng/ml



#19 Endosulfan Sulfate

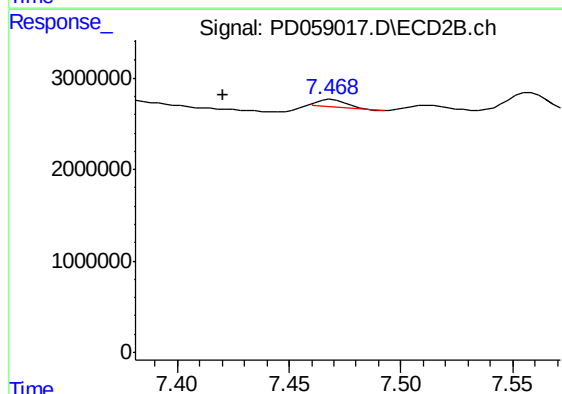
R.T.: 0.000 min  
Exp R.T. : 7.090 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

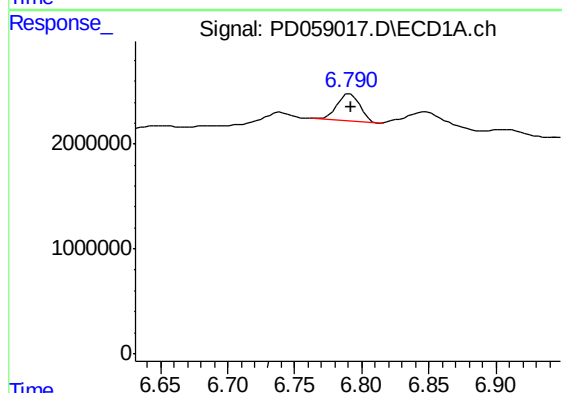
R.T.: 6.607 min  
Delta R.T.: 0.027 min  
Response: 1114940  
Conc: 2.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



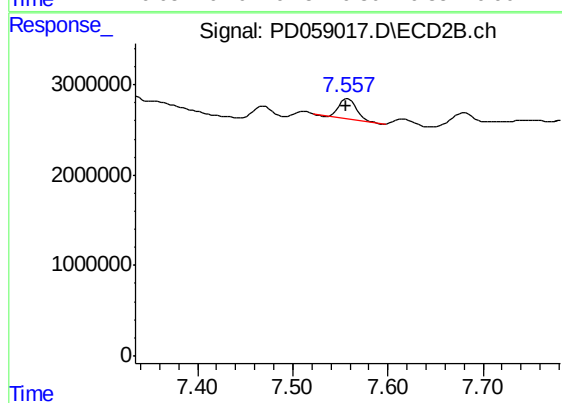
#20 Methoxychlor

R.T.: 7.469 min  
Delta R.T.: 0.049 min  
Response: 612160  
Conc: 0.89 ng/ml



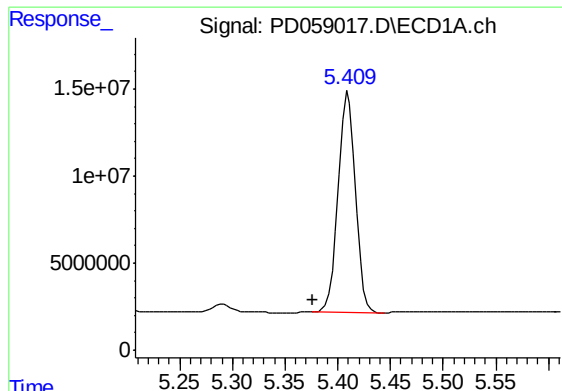
#21 Endrin ketone

R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 3133789  
Conc: 2.80 ng/ml



#21 Endrin ketone

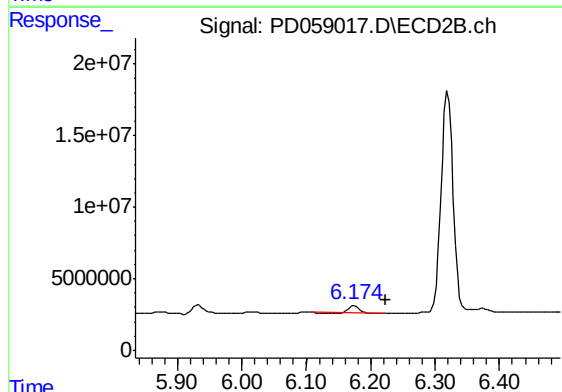
R.T.: 7.558 min  
Delta R.T.: 0.002 min  
Response: 2916079  
Conc: 2.01 ng/ml



#22 Toxaphene-1

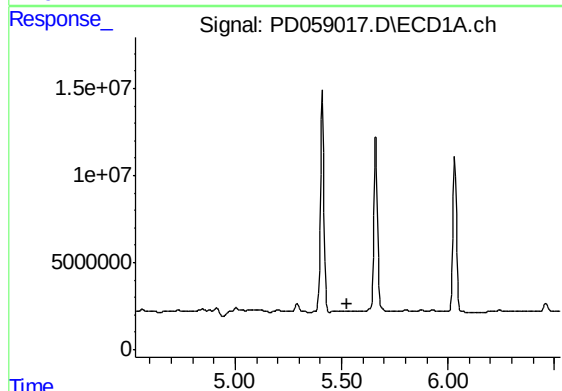
R.T.: 5.410 min  
Delta R.T.: 0.033 min  
Response: 145063277  
Conc: 22801.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



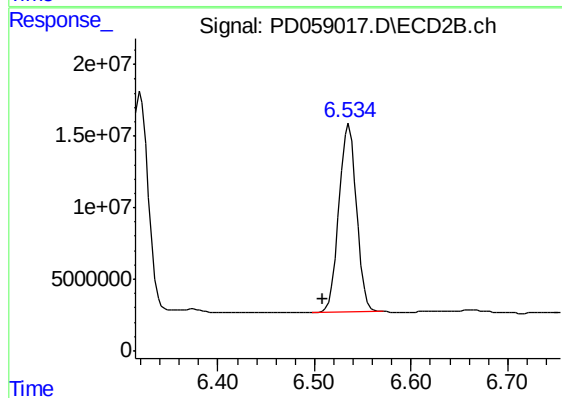
#22 Toxaphene-1

R.T.: 6.175 min  
Delta R.T.: -0.048 min  
Response: 4851164  
Conc: 572.09 ng/ml



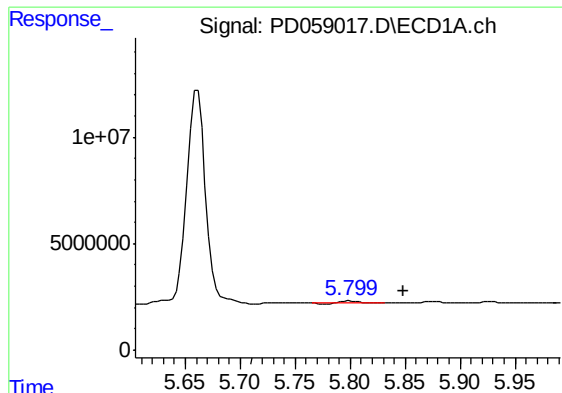
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 5.529 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

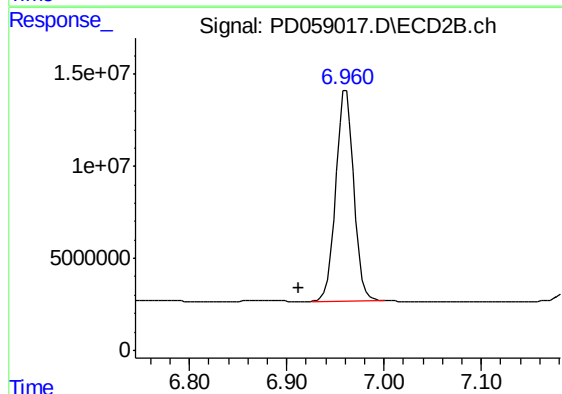
R.T.: 6.536 min  
Delta R.T.: 0.027 min  
Response: 163087007  
Conc: 15479.90 ng/ml



#24 Toxaphene-3

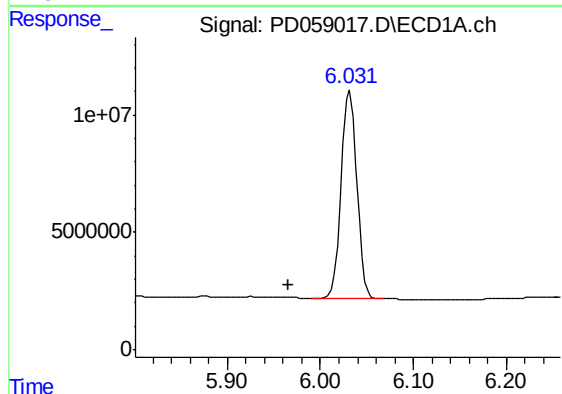
R.T.: 5.800 min  
Delta R.T.: -0.049 min  
Response: 929600  
Conc: 169.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



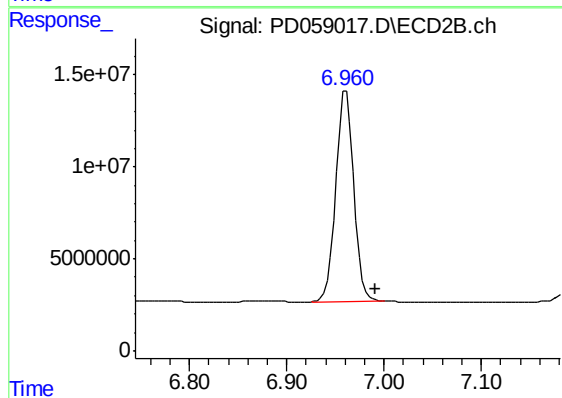
#24 Toxaphene-3

R.T.: 6.961 min  
Delta R.T.: 0.048 min  
Response: 147978827  
Conc: 11132.06 ng/ml



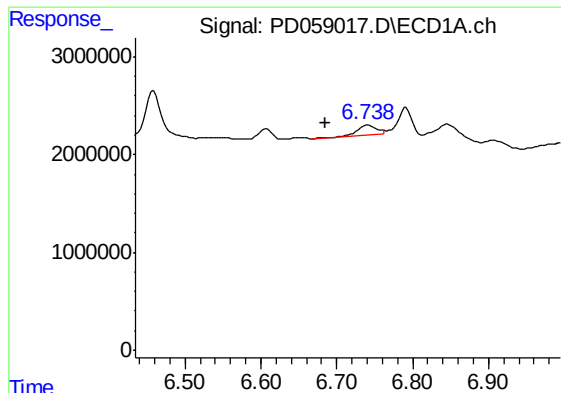
#25 Toxaphene-4

R.T.: 6.032 min  
Delta R.T.: 0.066 min  
Response: 102938393  
Conc: 5532.87 ng/ml



#25 Toxaphene-4

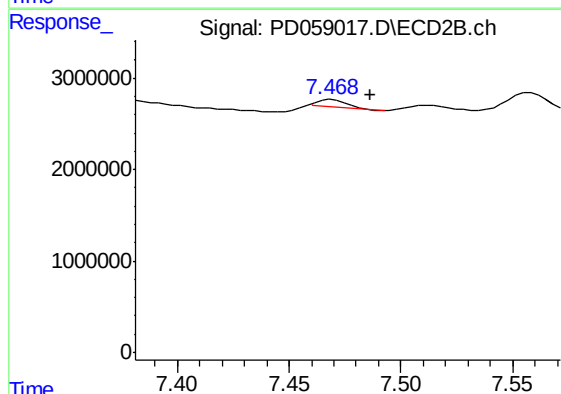
R.T.: 6.961 min  
Delta R.T.: -0.030 min  
Response: 147978827  
Conc: 3854.91 ng/ml



#26 Toxaphene-5

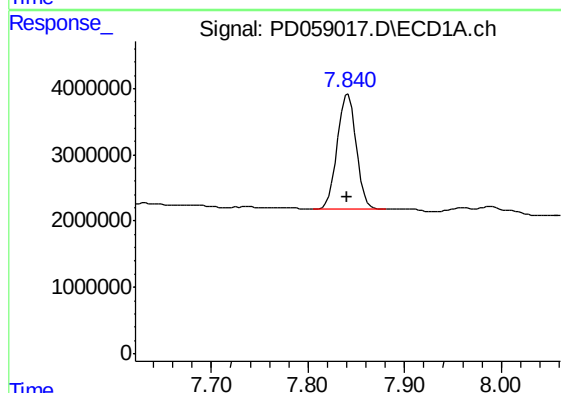
R.T.: 6.740 min  
Delta R.T.: 0.054 min  
Response: 1524906  
Conc: 64.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBFM8MSD



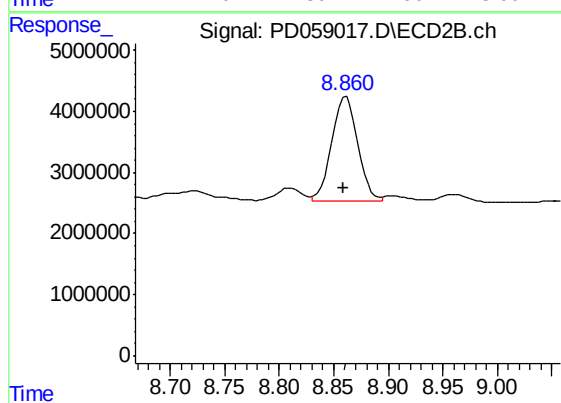
#26 Toxaphene-5

R.T.: 7.469 min  
Delta R.T.: -0.017 min  
Response: 612160  
Conc: 34.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.841 min  
Delta R.T.: 0.000 min  
Response: 23409520  
Conc: 22.22 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.862 min  
Delta R.T.: 0.003 min  
Response: 28427702  
Conc: 20.73 ng/ml