

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050219\  
 Data File : PD053143.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 May 2019 12:20  
 Operator : AJ\SJ  
 Sample : K2602-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFH48MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 01:12:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 24 03:53:52 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... | 3.216  | 4.039  | 24354049  | 484.4E6    | 17.360    | 19.038     |
| 27)                         | SA Decachlor... | 7.810  | 9.153  | 39544929  | 679.0E6    | 27.499    | 35.442 #   |
| Target Compounds            |                 |        |        |           |            |           |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.402f | 0         | 155.0E6    | N.D.      | 4.068      |
| 3)                          | MA gamma-BHC... | 3.904  | 4.718  | 84482514  | 1441.9E6   | 41.446    | 41.584     |
| 4)                          | MA Heptachlor   | 4.180  | 5.230  | 94027047  | 1433.6E6   | 42.890    | 39.052     |
| 5)                          | MB Aldrin       | 4.411  | 5.537  | 90248900  | 1344.4E6   | 45.045    | 40.469     |
| 6)                          | B beta-BHC      | 4.180f | 0.000  | 94027047  | 0          | 105.626   | N.D. #     |
| 7)                          | B delta-BHC     | 0.000  | 5.073f | 0         | 57961384   | N.D.      | 1.711      |
| 8)                          | B Heptachlor... | 4.896f | 5.911  | 9021544   | 182.1E6    | 4.667     | 5.926 #    |
| 9)                          | A Endosulfan I  | 0.000  | 6.260  | 0         | 11806978   | N.D.      | 0.404      |
| 10)                         | B trans-Chl...  | 5.037  | 6.174  | 15307753  | -177203491 | 7.824     | N.D. #     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.260  | 0         | 11806978   | N.D.      | 0.398      |
| 12)                         | B 4,4'-DDE      | 5.316  | 6.390  | 5779919   | 41356910   | 3.059     | 1.472 #    |
| 13)                         | MA Dieldrin     | 5.396  | 6.540  | 246.0E6   | 3176.1E6   | 116.759   | 108.174    |
| 14)                         | MA Endrin       | 5.644  | 6.760  | 243.9E6   | 2233.5E6   | 134.309   | 92.759 #   |
| 15)                         | B Endosulfa...  | 5.907  | 6.954  | 10296118  | 724.4E6    | 5.762     | 29.631 #   |
| 16)                         | A 4,4'-DDD      | 5.841f | 6.887  | 158.7E6   | 5319.2E6   | 99.426    | 231.114 #  |
| 17)                         | MA 4,4'-DDT     | 6.008  | 7.181  | 481.5E6   | -982362733 | 338.929   | N.D. #     |
| 18)                         | B Endrin al...  | 6.099  | 7.108  | -19481057 | 329.5E6    | N.D.      | 16.147     |
| 19)                         | B Endosulfa...  | 6.287  | 0.000  | 357.4E6   | 0          | 222.168   | N.D. #     |
| 21)                         | B Endrin ke...  | 6.770  | 0.000  | 13673578  | 0          | 7.818     | N.D. #     |
| 22)                         | Toxaphene-1     | 5.523  | 6.471  | 149.1E6   | 108.3E6    | 12130.909 | 784.087 #  |
| 23)                         | Toxaphene-2     | 5.591  | 6.631  | 2401090   | 1801.6E6   | 117.221   | 7172.650 # |
| 24)                         | Toxaphene-3     | 5.962  | 7.108  | 14692220  | 329.5E6    | 438.865   | 1489.668 # |
| 25)                         | Toxaphene-4     | 6.223  | 7.233  | 7151718   | 4769.8E6   | 222.287   | 7838.354 # |
| 26)                         | Toxaphene-5     | 6.683  | 7.681  | 1330837   | 1051.1E6   | 32.866    | 3883.559 # |
| -----                       |                 |        |        |           |            |           |            |

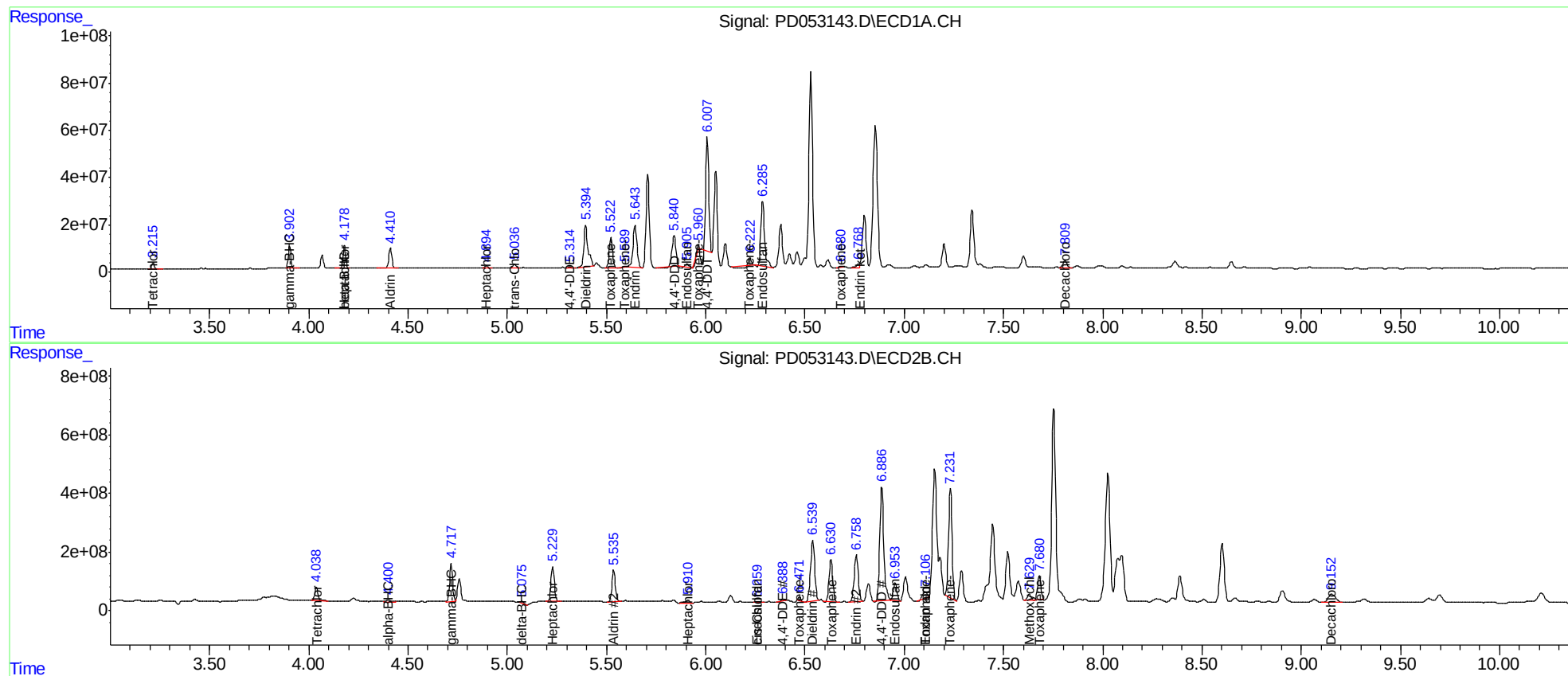
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

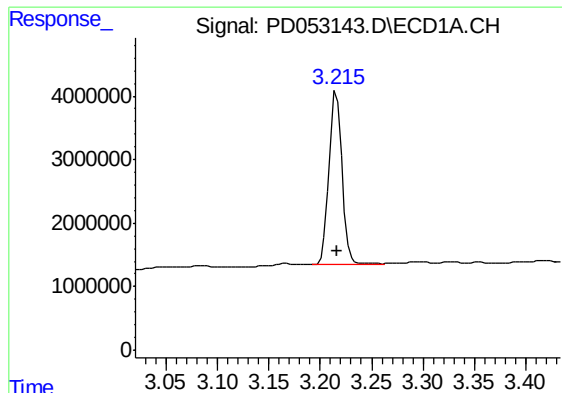
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050219\  
Data File : PD053143.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 May 2019 12:20  
Operator : AJ\SJ  
Sample : K2602-02MS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 03 01:12:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042319CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 24 03:53:52 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

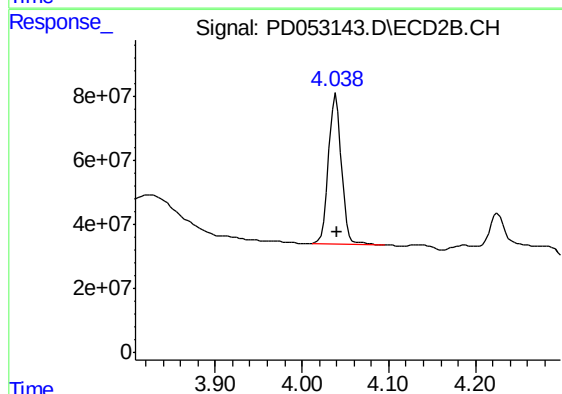




#1 Tetrachloro-m-xylene

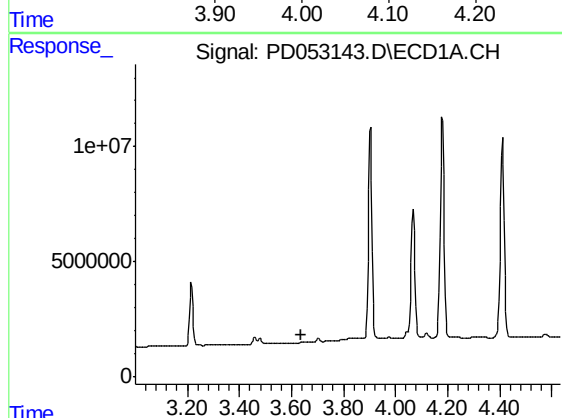
R.T.: 3.216 min  
Delta R.T.: 0.000 min  
Response: 24354049  
Conc: 17.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



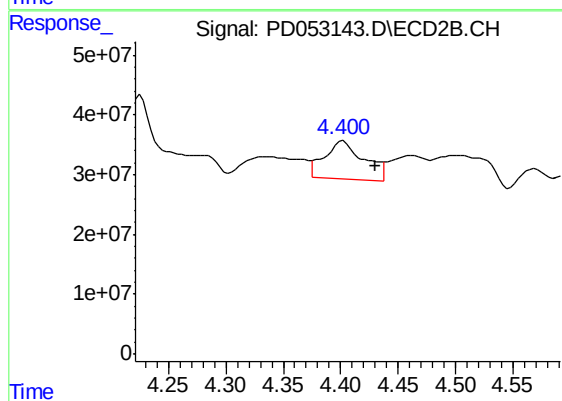
#1 Tetrachloro-m-xylene

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 484441610  
Conc: 19.04 ng/ml



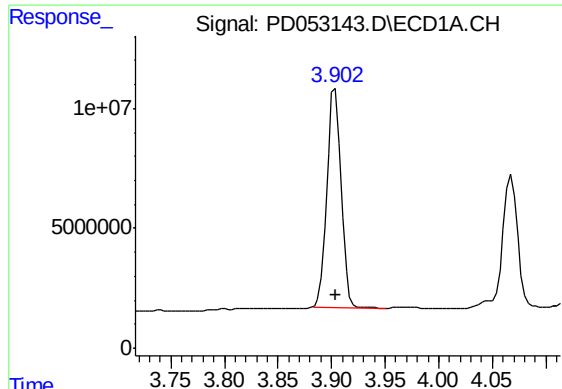
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.635 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

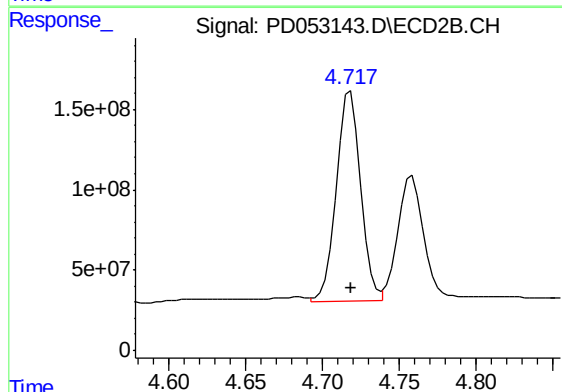
R.T.: 4.402 min  
Delta R.T.: -0.029 min  
Response: 155040148  
Conc: 4.07 ng/ml



#3 gamma-BHC (Lindane)

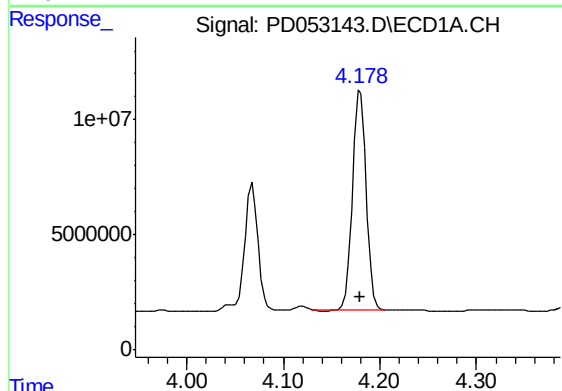
R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 84482514  
Conc: 41.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



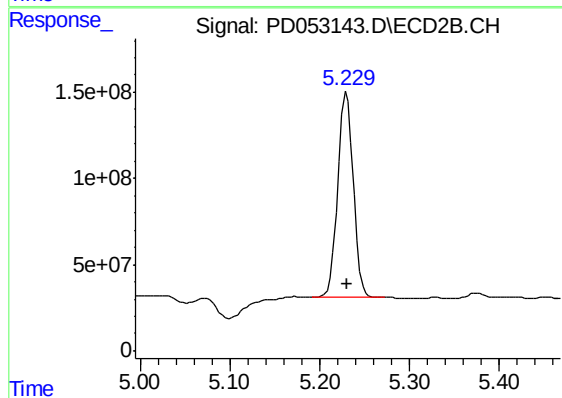
#3 gamma-BHC (Lindane)

R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 1441886260  
Conc: 41.58 ng/ml



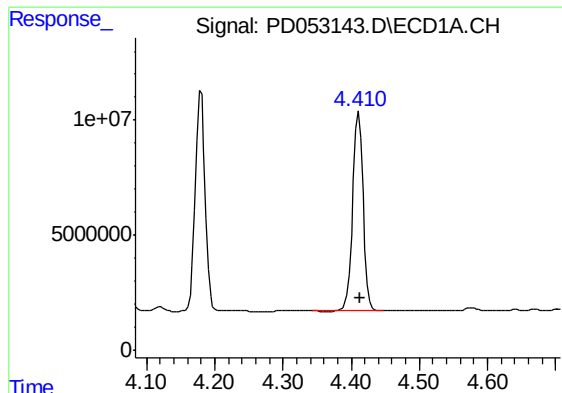
#4 Heptachlor

R.T.: 4.180 min  
Delta R.T.: 0.000 min  
Response: 94027047  
Conc: 42.89 ng/ml



#4 Heptachlor

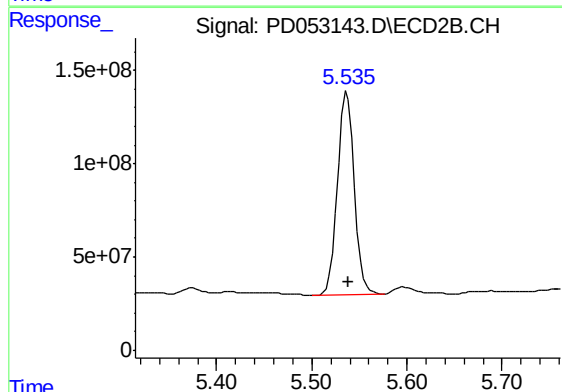
R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 1433627115  
Conc: 39.05 ng/ml



#5 Aldrin

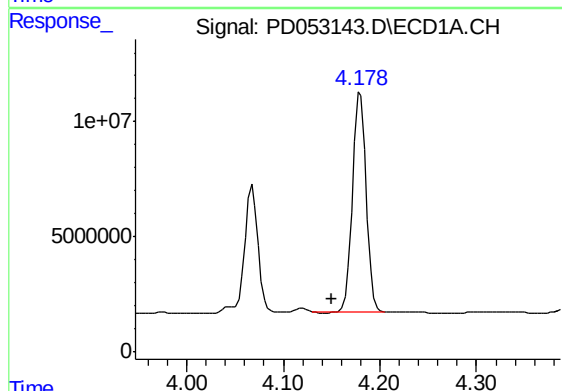
R.T.: 4.411 min  
Delta R.T.: -0.001 min  
Response: 90248900  
Conc: 45.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



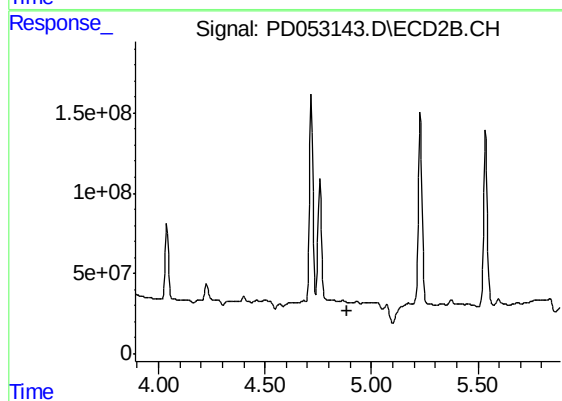
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: -0.001 min  
Response: 1344356455  
Conc: 40.47 ng/ml



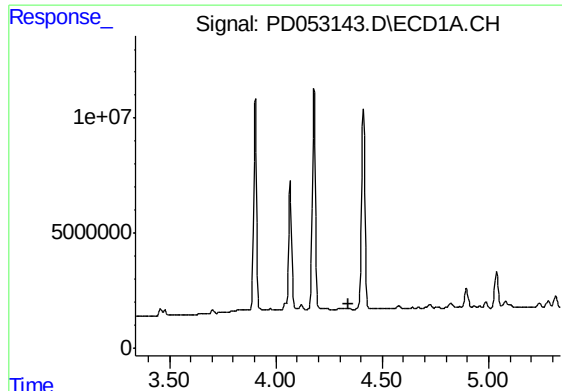
#6 beta-BHC

R.T.: 4.180 min  
Delta R.T.: 0.029 min  
Response: 94027047  
Conc: 105.63 ng/ml



#6 beta-BHC

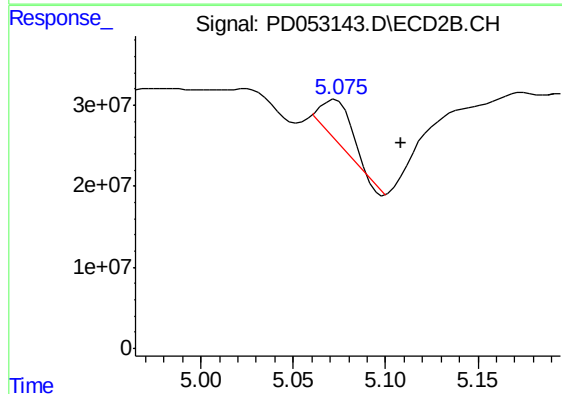
R.T.: 0.000 min  
Exp R.T. : 4.889 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

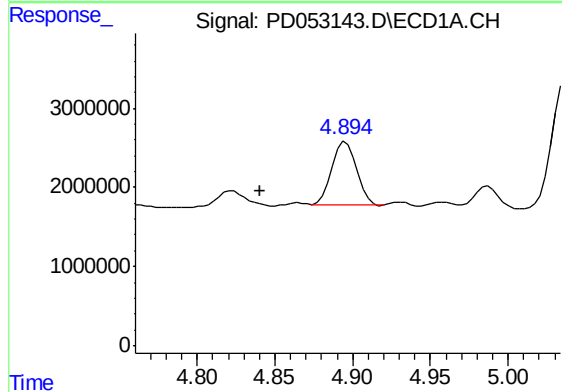
R.T.: 0.000 min  
Exp R.T.: 4.339 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



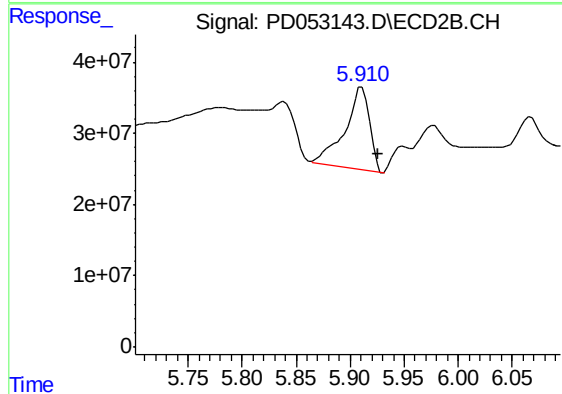
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: -0.036 min  
Response: 57961384  
Conc: 1.71 ng/ml



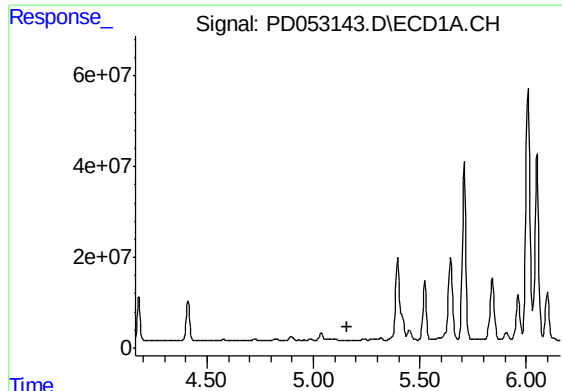
#8 Heptachlor epoxide

R.T.: 4.896 min  
Delta R.T.: 0.056 min  
Response: 9021544  
Conc: 4.67 ng/ml



#8 Heptachlor epoxide

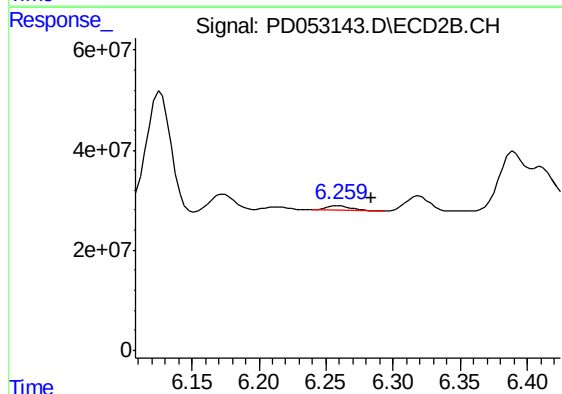
R.T.: 5.911 min  
Delta R.T.: -0.015 min  
Response: 182062850  
Conc: 5.93 ng/ml



#9 Endosulfan I

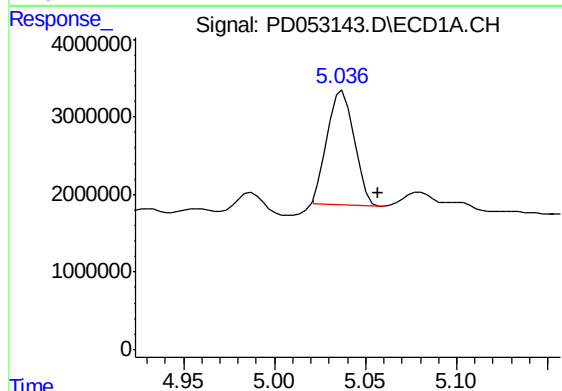
R.T.: 0.000 min  
Exp R.T.: 5.161 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



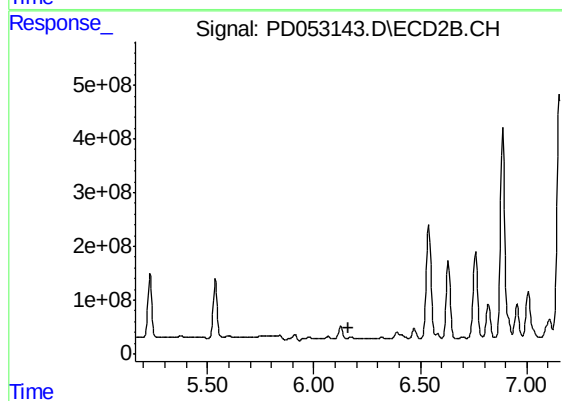
#9 Endosulfan I

R.T.: 6.260 min  
Delta R.T.: -0.024 min  
Response: 11806978  
Conc: 0.40 ng/ml



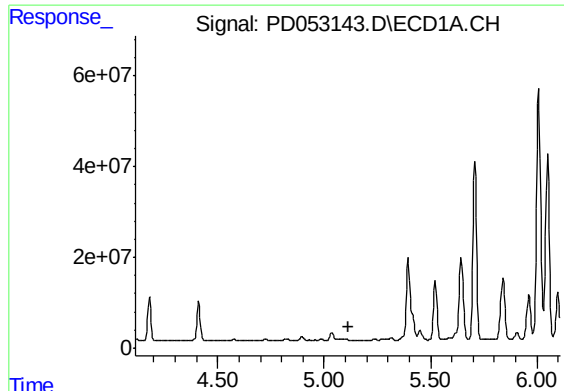
#10 trans-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.020 min  
Response: 15307753  
Conc: 7.82 ng/ml



#10 trans-Chlordane

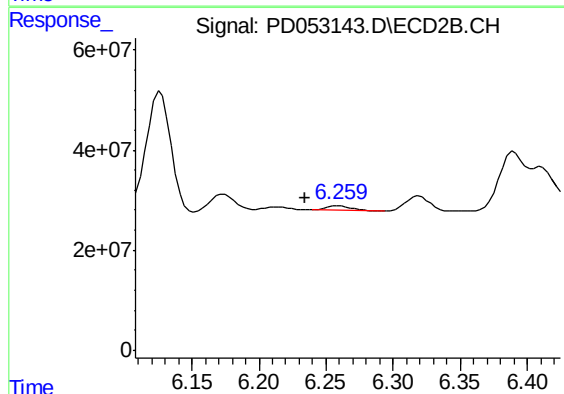
R.T.: 6.174 min  
Delta R.T.: 0.013 min  
Response: -177203491  
Conc: N.D.



#11 cis-Chlordane

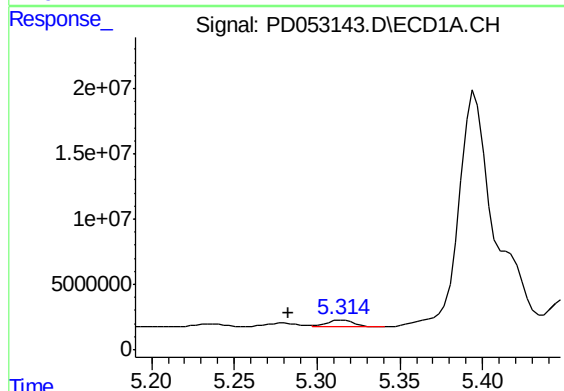
R.T.: 0.000 min  
Exp R.T.: 5.113 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



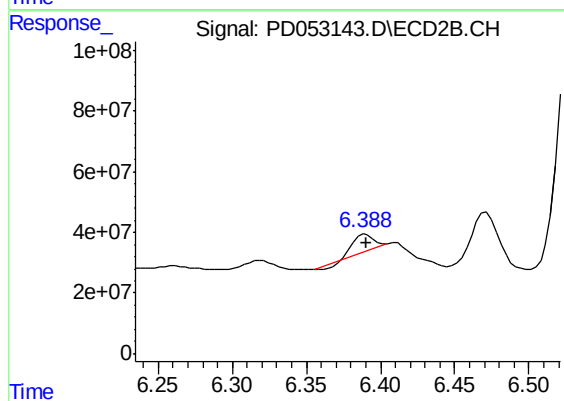
#11 cis-Chlordane

R.T.: 6.260 min  
Delta R.T.: 0.026 min  
Response: 11806978  
Conc: 0.40 ng/ml



#12 4,4'-DDE

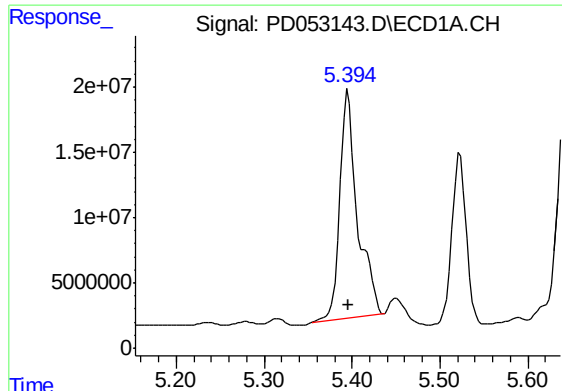
R.T.: 5.316 min  
Delta R.T.: 0.033 min  
Response: 5779919  
Conc: 3.06 ng/ml



#12 4,4'-DDE

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 41356910  
Conc: 1.47 ng/ml

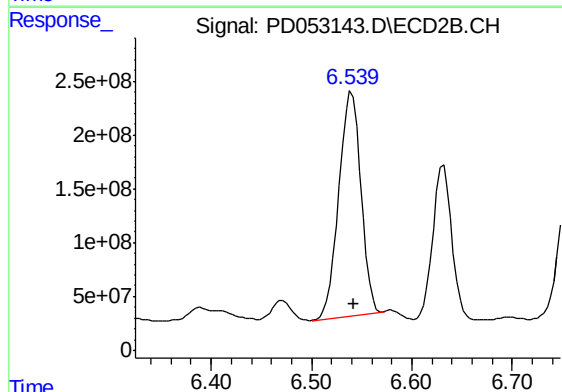




#13 Dielddrin

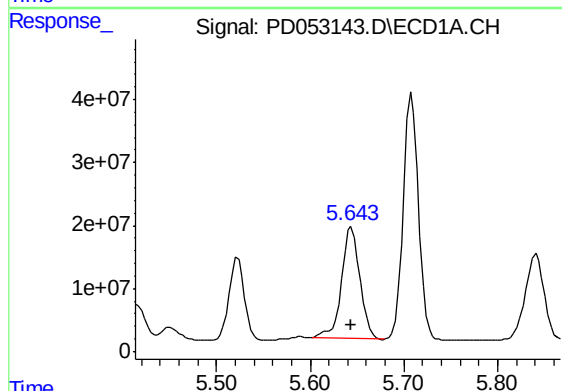
R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 246006276  
Conc: 116.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



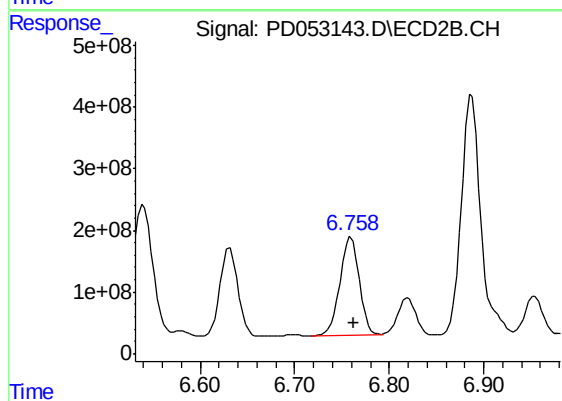
#13 Dielddrin

R.T.: 6.540 min  
Delta R.T.: -0.002 min  
Response: 3176095203  
Conc: 108.17 ng/ml



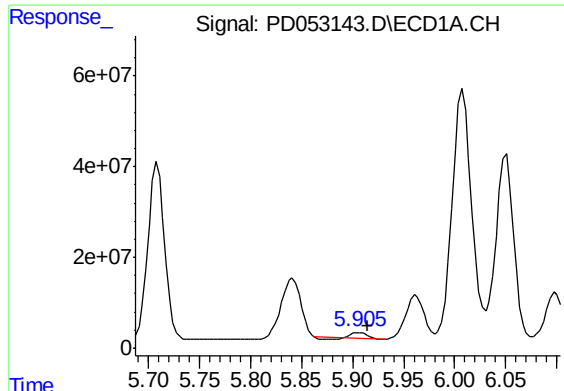
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: 0.000 min  
Response: 243907667  
Conc: 134.31 ng/ml



#14 Endrin

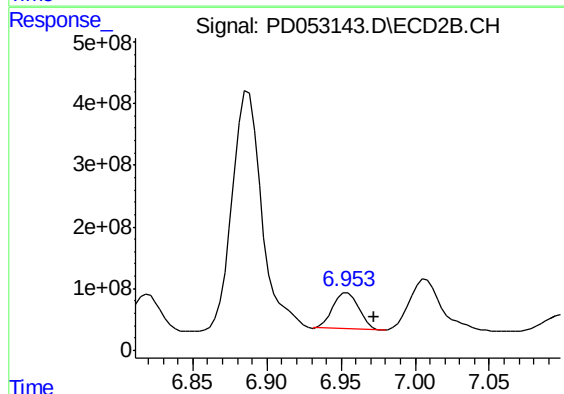
R.T.: 6.760 min  
Delta R.T.: -0.002 min  
Response: 2233503436  
Conc: 92.76 ng/ml



#15 Endosulfan II

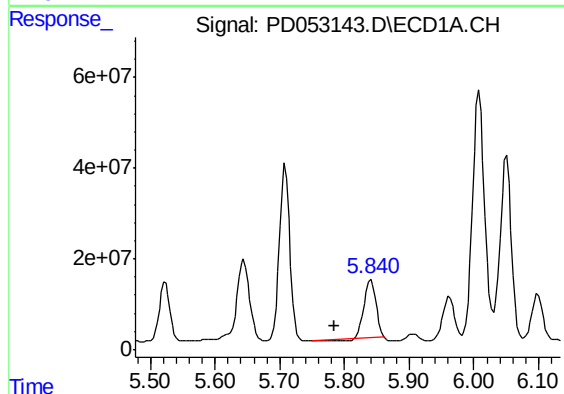
R.T.: 5.907 min  
Delta R.T.: -0.008 min  
Response: 10296118  
Conc: 5.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



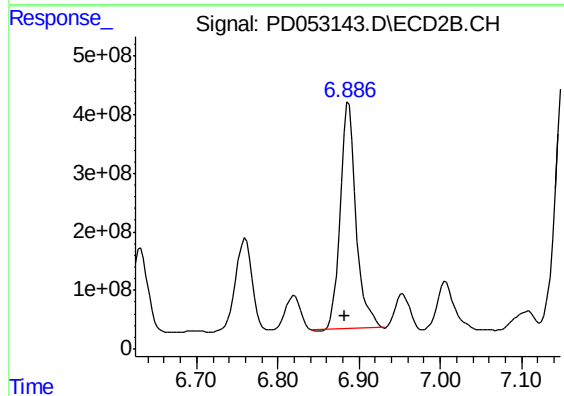
#15 Endosulfan II

R.T.: 6.954 min  
Delta R.T.: -0.018 min  
Response: 724365348  
Conc: 29.63 ng/ml



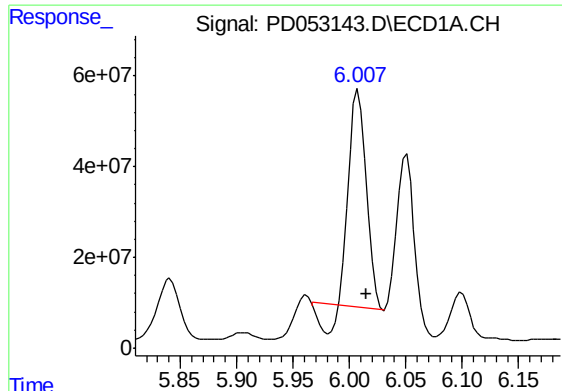
#16 4,4'-DDD

R.T.: 5.841 min  
Delta R.T.: 0.057 min  
Response: 158696753  
Conc: 99.43 ng/ml



#16 4,4'-DDD

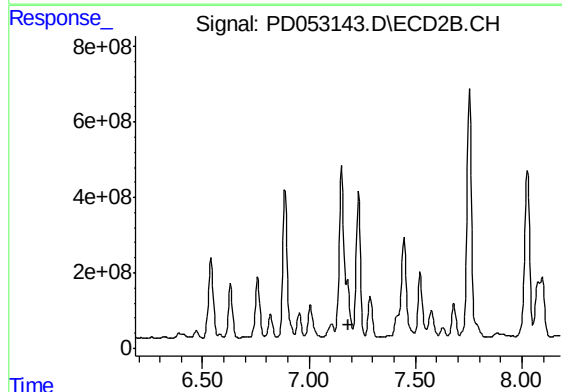
R.T.: 6.887 min  
Delta R.T.: 0.005 min  
Response: 5319243825  
Conc: 231.11 ng/ml



#17 4,4'-DDT

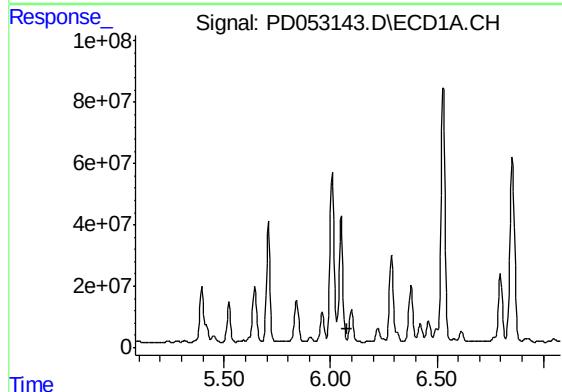
R.T.: 6.008 min  
Delta R.T.: -0.007 min  
Response: 481527749  
Conc: 338.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



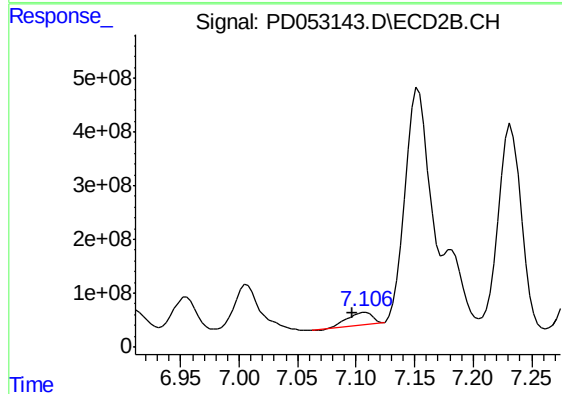
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: -0.002 min  
Response: -982362733  
Conc: N.D.



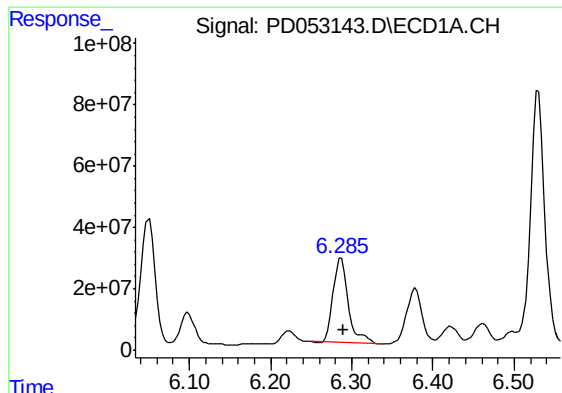
#18 Endrin aldehyde

R.T.: 6.099 min  
Delta R.T.: 0.018 min  
Response: -19481057  
Conc: N.D.



#18 Endrin aldehyde

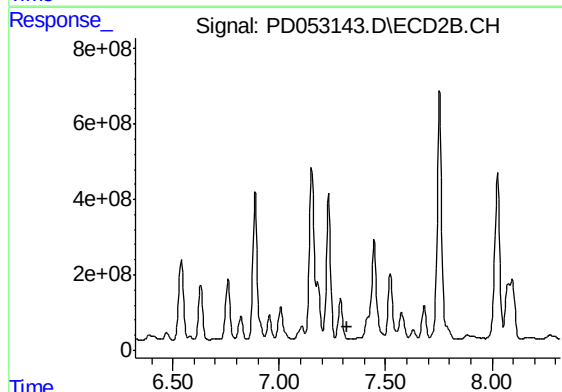
R.T.: 7.108 min  
Delta R.T.: 0.011 min  
Response: 329503035  
Conc: 16.15 ng/ml



#19 Endosulfan Sulfate

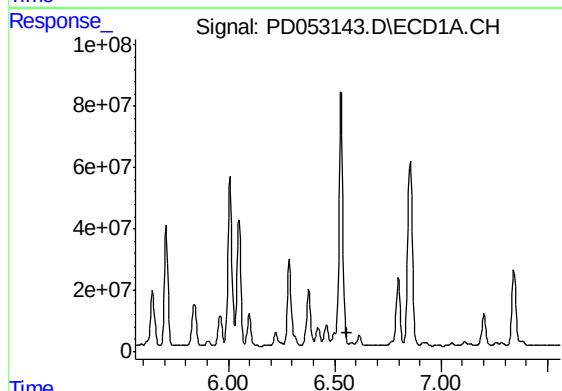
R.T.: 6.287 min  
Delta R.T.: -0.003 min  
Response: 357386255  
Conc: 222.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



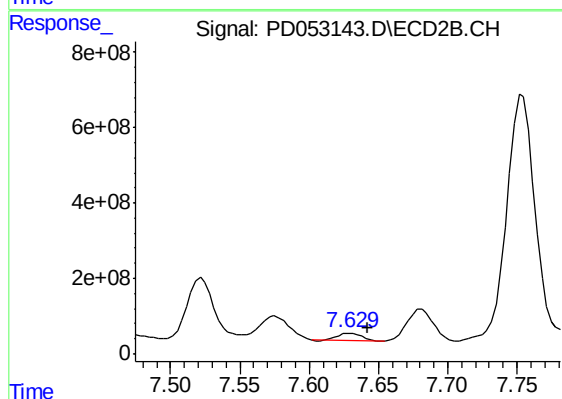
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.321 min  
Response: 0  
Conc: N.D.



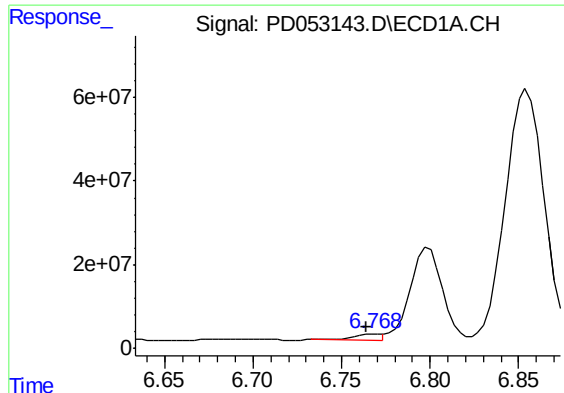
#20 Methoxychlor

R.T.: 6.581 min  
Delta R.T.: 0.019 min  
Response: -110271120  
Conc: N.D.



#20 Methoxychlor

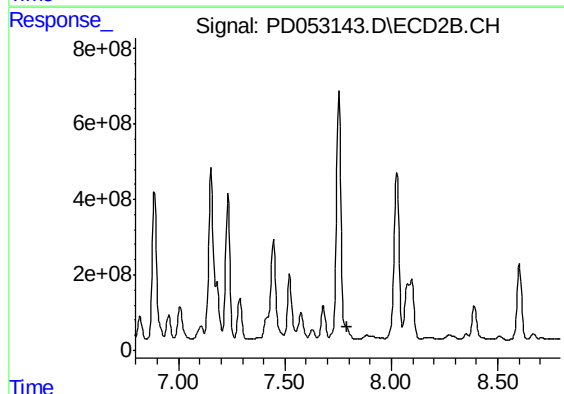
R.T.: 7.630 min  
Delta R.T.: -0.012 min  
Response: 225521555  
Conc: 22.34 ng/ml



#21 Endrin ketone

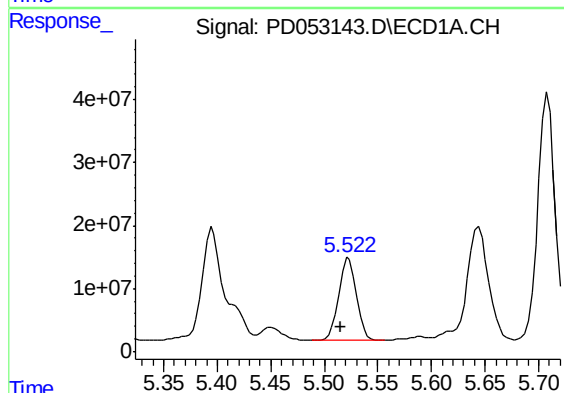
R.T.: 6.770 min  
Delta R.T.: 0.005 min  
Response: 13673578  
Conc: 7.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



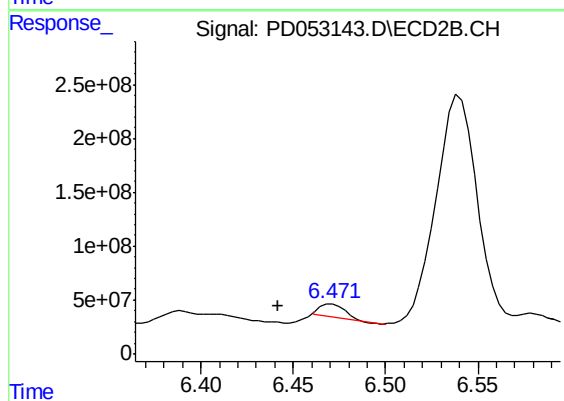
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.795 min  
Response: 0  
Conc: N.D.



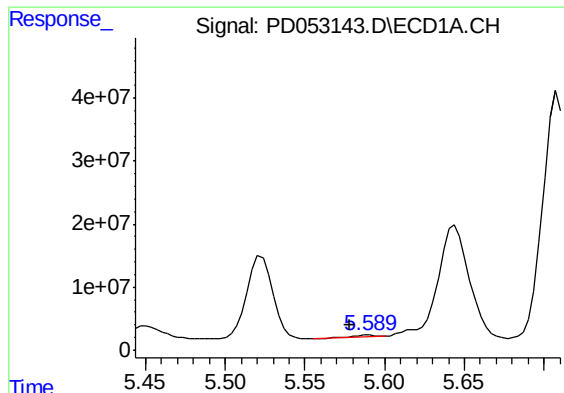
#22 Toxaphene-1

R.T.: 5.523 min  
Delta R.T.: 0.008 min  
Response: 149132765  
Conc: 12130.91 ng/ml



#22 Toxaphene-1

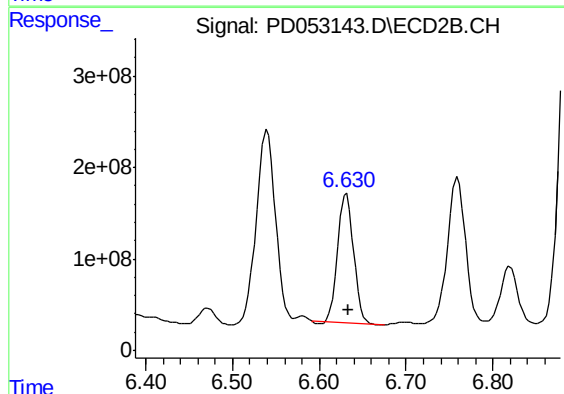
R.T.: 6.471 min  
Delta R.T.: 0.029 min  
Response: 108275332  
Conc: 784.09 ng/ml



#23 Toxaphene-2

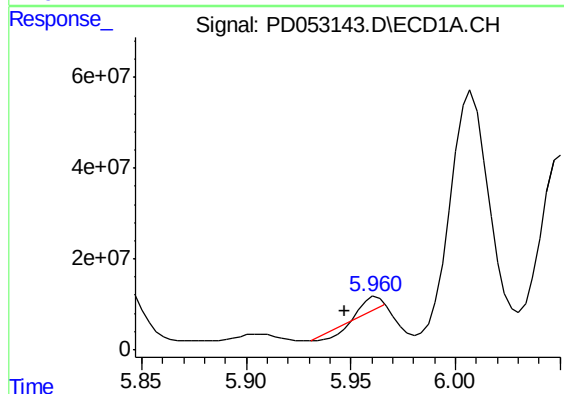
R.T.: 5.591 min  
Delta R.T.: 0.012 min  
Response: 2401090  
Conc: 117.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



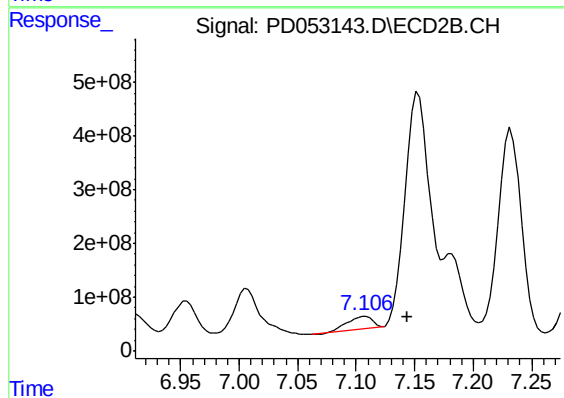
#23 Toxaphene-2

R.T.: 6.631 min  
Delta R.T.: -0.002 min  
Response: 1801614395  
Conc: 7172.65 ng/ml



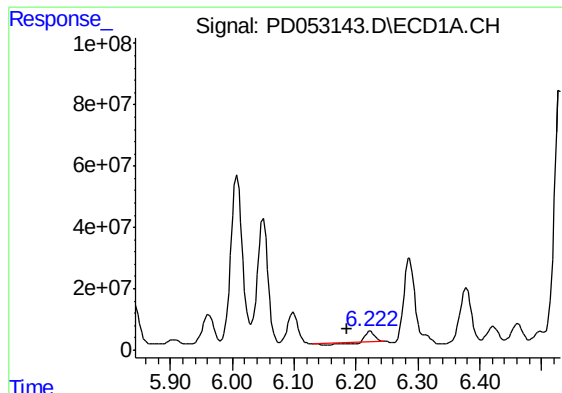
#24 Toxaphene-3

R.T.: 5.962 min  
Delta R.T.: 0.015 min  
Response: 14692220  
Conc: 438.87 ng/ml



#24 Toxaphene-3

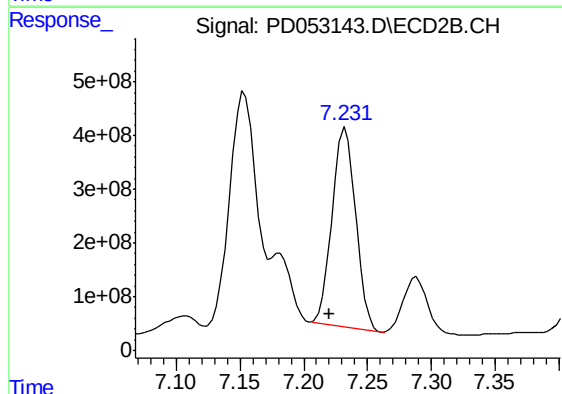
R.T.: 7.108 min  
Delta R.T.: -0.036 min  
Response: 329503035  
Conc: 1489.67 ng/ml



#25 Toxaphene-4

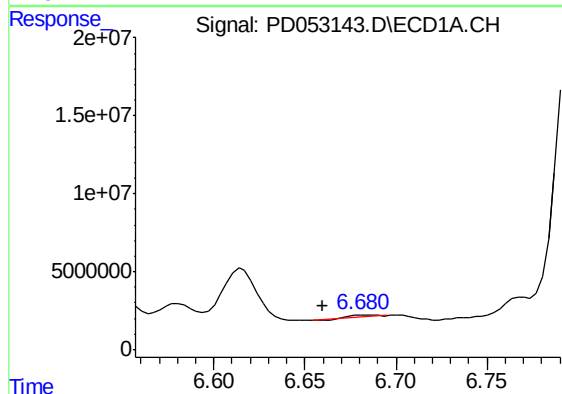
R.T.: 6.223 min  
Delta R.T.: 0.037 min  
Response: 7151718  
Conc: 222.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



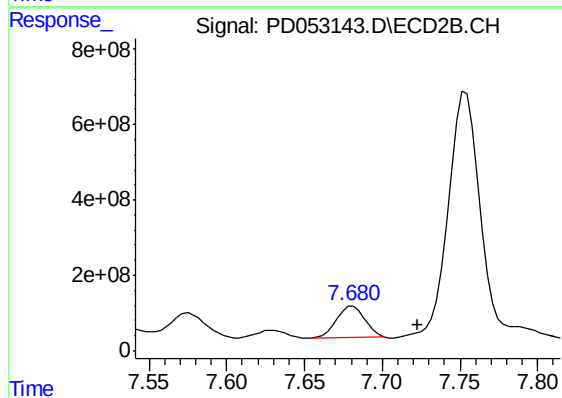
#25 Toxaphene-4

R.T.: 7.233 min  
Delta R.T.: 0.013 min  
Response: 4769780341  
Conc: 7838.35 ng/ml



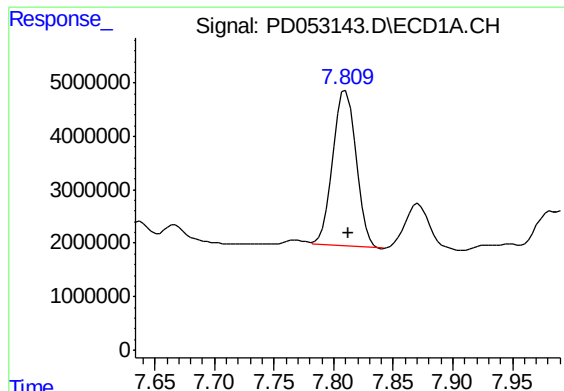
#26 Toxaphene-5

R.T.: 6.683 min  
Delta R.T.: 0.024 min  
Response: 1330837  
Conc: 32.87 ng/ml



#26 Toxaphene-5

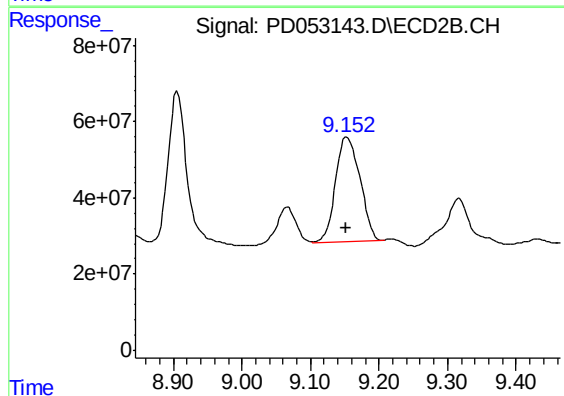
R.T.: 7.681 min  
Delta R.T.: -0.042 min  
Response: 1051116979  
Conc: 3883.56 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.810 min  
Delta R.T.: -0.002 min  
Response: 39544929  
Conc: 27.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH48MS



#27 Decachlorobiphenyl

R.T.: 9.153 min  
Delta R.T.: 0.000 min  
Response: 679039654  
Conc: 35.44 ng/ml