

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050619\  
 Data File : PD053182.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 06 May 2019 9:27  
 Operator : AJ\SJ  
 Sample : K2596-19  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFH45

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 07 00:50:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 04 03:39:22 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... | 3.508  | 4.070  | 17095323    | 388.4E6      | 13.297     | 15.121       |
| 27)                         | SA Decachlor... | 8.299  | 9.177  | 41803854    | 381.1E6      | 31.703     | 24.781       |
| Target Compounds            |                 |        |        |             |              |            |              |
| 2)                          | A alpha-BHC     | 0.000  | 4.490f | 0           | 107.2E6      | N.D.       | 2.950 #      |
| 3)                          | MA gamma-BHC... | 0.000  | 4.748  | 0           | 4035367      | N.D.       | 0.124 #      |
| 4)                          | MA Heptachlor   | 4.549  | 5.263  | 8167118     | 10376897     | 5.091      | 0.356 #      |
| 5)                          | MB Aldrin       | 4.798  | 5.590  | -58811406   | 872.7E6      | N.D.       | 29.439       |
| 6)                          | B beta-BHC      | 4.538f | 4.897  | 9787077     | 48717486     | 12.056     | 3.381 #      |
| 7)                          | B delta-BHC     | 4.713  | 5.149  | 7988850     | 166.5E6      | 4.962      | 5.103        |
| 8)                          | B Heptachlo...  | 5.260  | 5.945  | 130.8E6     | 18826.0E6    | 80.195     | 709.115 #    |
| 9)                          | A Endosulfan I  | 5.602  | 6.292  | 35826199    | 568.0E6      | 23.499     | 24.016       |
| 10)                         | B trans-Chl...  | 5.488  | 6.205  | -1064308820 | -14894949814 | N.D.       | N.D.         |
| 11)                         | B cis-Chlor...  | 5.534  | 6.263  | 9439956     | 330.8E6      | 5.987      | 13.418 #     |
| 12)                         | B 4,4'-DDE      | 5.734f | 6.421  | 735.5E6     | 8640.2E6     | 519.026    | 396.591      |
| 13)                         | MA Dieldrin     | 5.839  | 6.557  | 1402.6E6    | 37295.4E6    | 859.404    | 1586.567 #   |
| 14)                         | MA Endrin       | 6.080  | 6.777  | 1542.7E6    | 15081.6E6    | 1207.961   | 924.768      |
| 15)                         | B Endosulfa...  | 6.348  | 6.980  | 683.1E6     | 16594.0E6    | 488.740    | 862.101 #    |
| 16)                         | A 4,4'-DDD      | 6.280f | 6.913  | 7181.6E6    | 58676.7E6    | 6946.224   | 3592.079 #   |
| 17)                         | MA 4,4'-DDT     | 6.451  | 7.267f | 11549.2E6   | 26920.3E6    | 18165.208  | 3125.074 #   |
| 18)                         | B Endrin al...  | 6.544  | 7.136  | 1775.3E6    | 9550.4E6     | 1772.996   | 650.968 #    |
| 19)                         | B Endosulfa...  | 6.741  | 7.370  | 7131.5E6    | -1859503748  | 6147.667   | N.D. #       |
| 20)                         | A Methoxychlor  | 7.038  | 7.655  | 173.9E6     | -5889968541  | 454.844    | N.D. #       |
| 21)                         | B Endrin ke...  | 7.263  | 0.000  | 4454.6E6    | 0            | 4012.028   | N.D. #       |
| 22)                         | Toxaphene-1     | 5.822  | 6.441  | -265009552  | 11714.3E6    | N.D.       | 120336.533   |
| 23)                         | Toxaphene-2     | 5.950  | 6.660  | 7864.8E6    | 35678.6E6    | 894268.837 | 207542.388 # |
| 24)                         | Toxaphene-3     | 6.280  | 7.136  | 7181.6E6    | 9550.4E6     | 735474.222 | 68012.353 #  |
| 25)                         | Toxaphene-4     | 6.402  | 7.267  | 2490.0E6    | 26920.3E6    | 113200.668 | 75595.910 #  |
| 26)                         | Toxaphene-5     | 7.139  | 7.704  | 11074630    | 22404.1E6    | 656.403    | 152740.118 # |
| -----                       |                 |        |        |             |              |            |              |

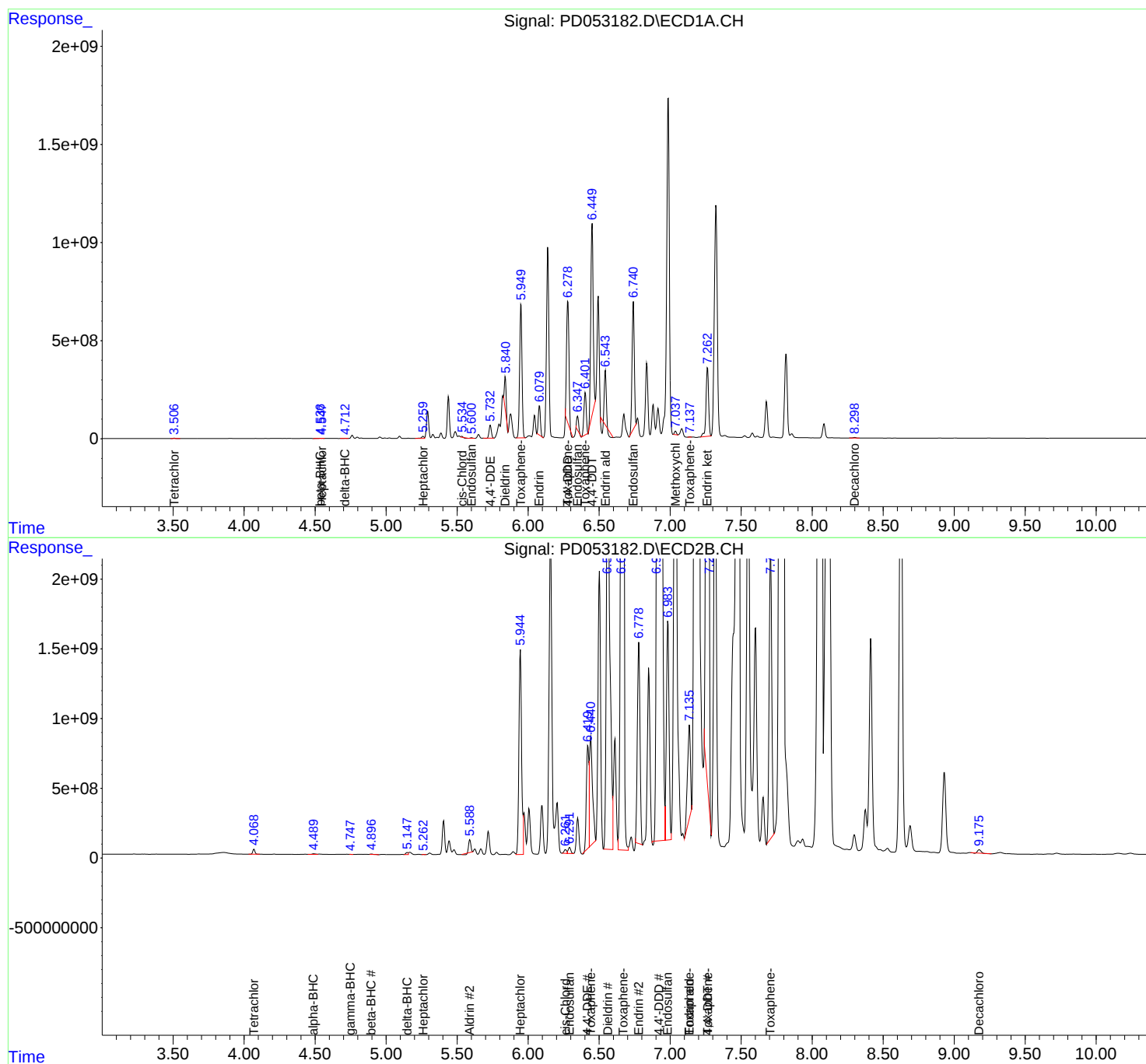
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

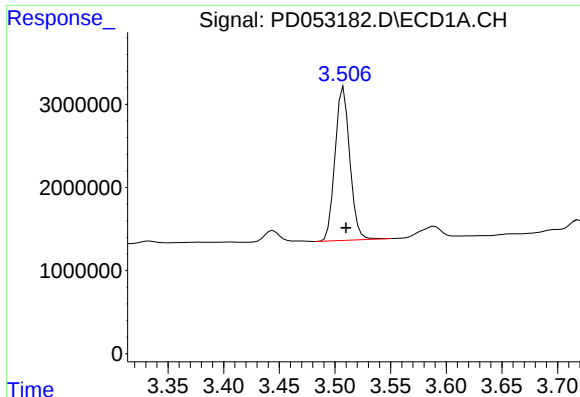
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050619\  
Data File : PD053182.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 06 May 2019 9:27  
Operator : AJ\SJ  
Sample : K2596-19  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 07 00:50:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat May 04 03:39:22 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

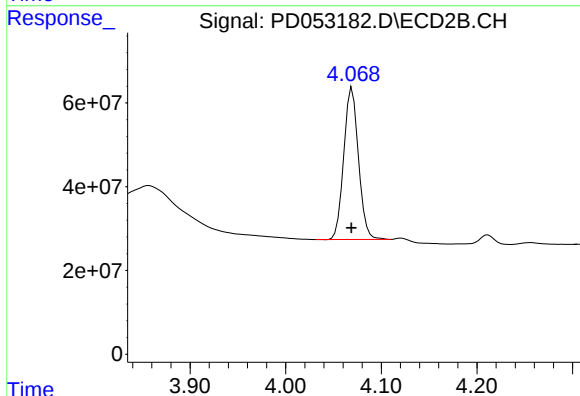




#1 Tetrachloro-m-xylene

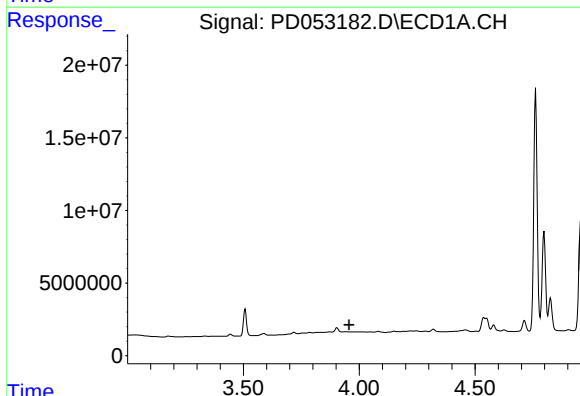
R.T.: 3.508 min  
Delta R.T.: -0.002 min  
Response: 17095323  
Conc: 13.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



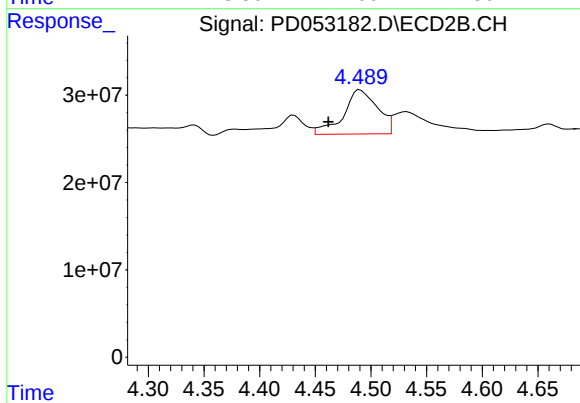
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 388387245  
Conc: 15.12 ng/ml



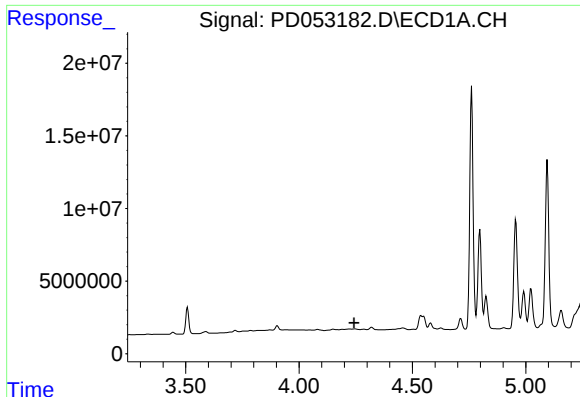
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.957 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

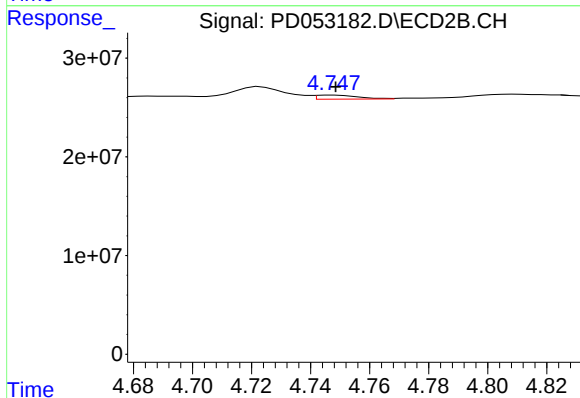
R.T.: 4.490 min  
Delta R.T.: 0.029 min  
Response: 107189522  
Conc: 2.95 ng/ml



#3 gamma-BHC (Lindane)

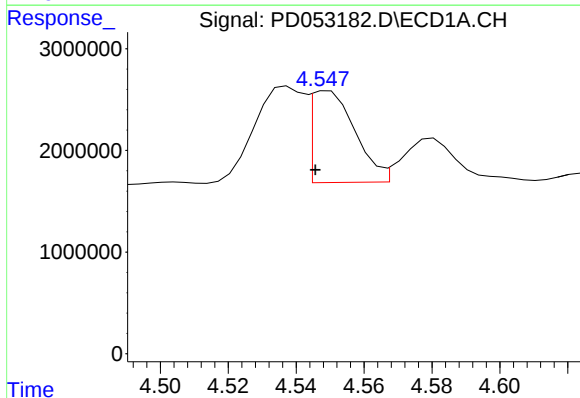
R.T.: 0.000 min  
Exp R.T.: 4.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



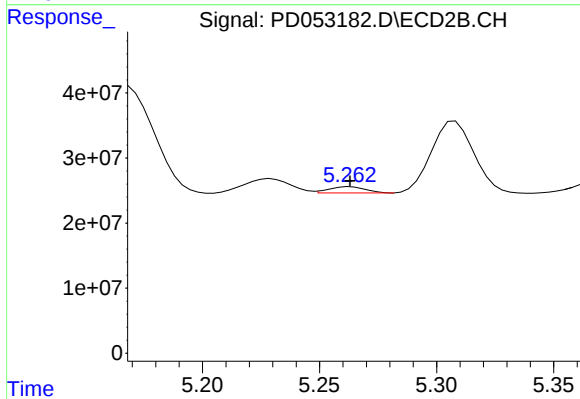
#3 gamma-BHC (Lindane)

R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 4035367  
Conc: 0.12 ng/ml



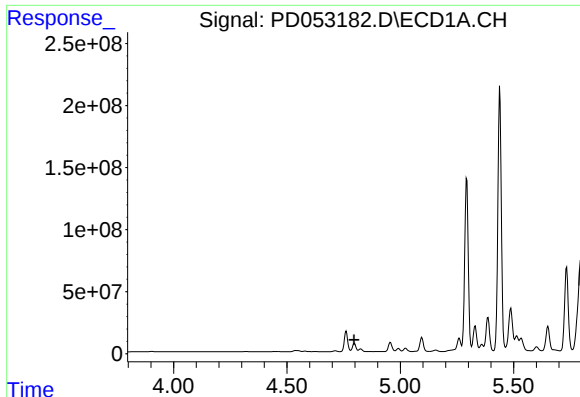
#4 Heptachlor

R.T.: 4.549 min  
Delta R.T.: 0.004 min  
Response: 8167118  
Conc: 5.09 ng/ml



#4 Heptachlor

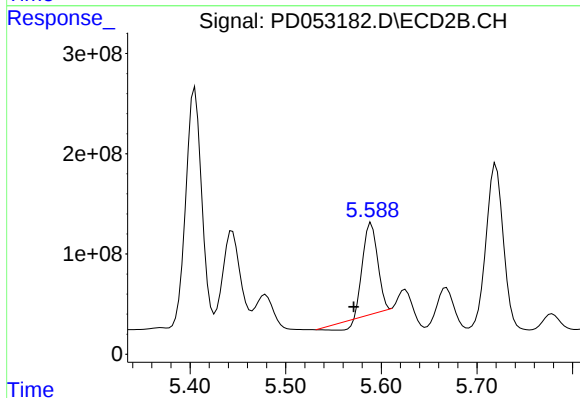
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 10376897  
Conc: 0.36 ng/ml



#5 Aldrin

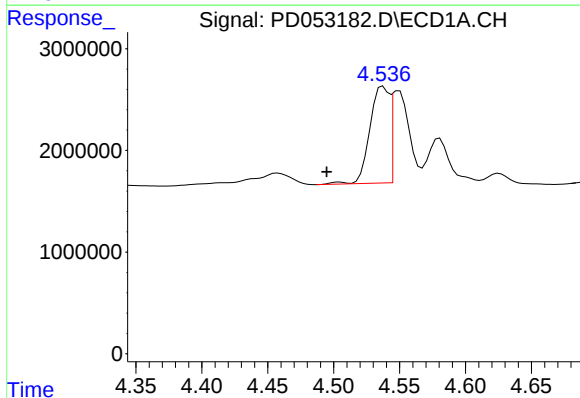
R.T.: 4.798 min  
Delta R.T.: 0.001 min  
Response: -58811406  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



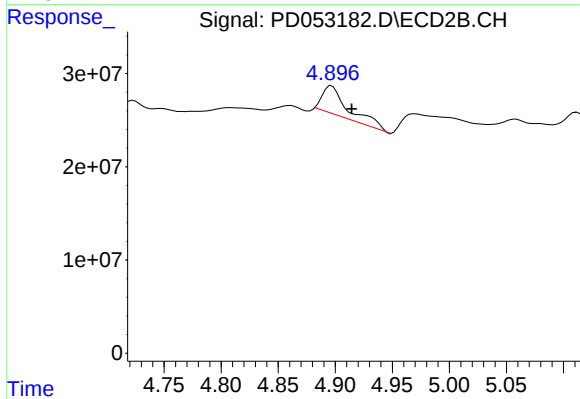
#5 Aldrin

R.T.: 5.590 min  
Delta R.T.: 0.018 min  
Response: 872714730  
Conc: 29.44 ng/ml



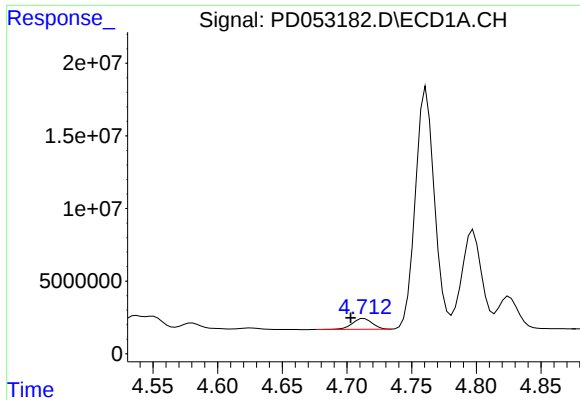
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.043 min  
Response: 9787077  
Conc: 12.06 ng/ml



#6 beta-BHC

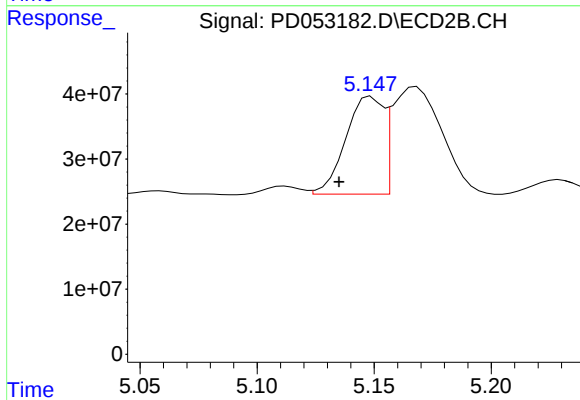
R.T.: 4.897 min  
Delta R.T.: -0.018 min  
Response: 48717486  
Conc: 3.38 ng/ml



#7 delta-BHC

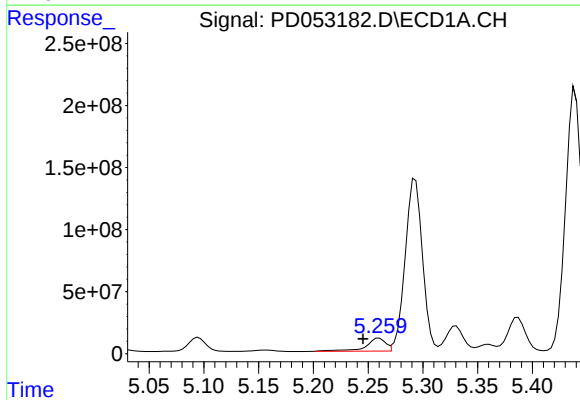
R.T.: 4.713 min  
Delta R.T.: 0.010 min  
Response: 7988850  
Conc: 4.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



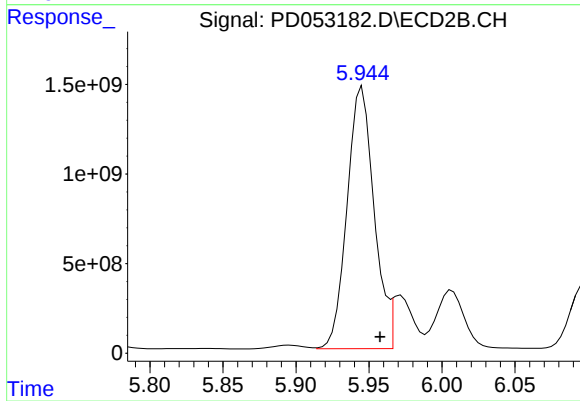
#7 delta-BHC

R.T.: 5.149 min  
Delta R.T.: 0.014 min  
Response: 166525213  
Conc: 5.10 ng/ml



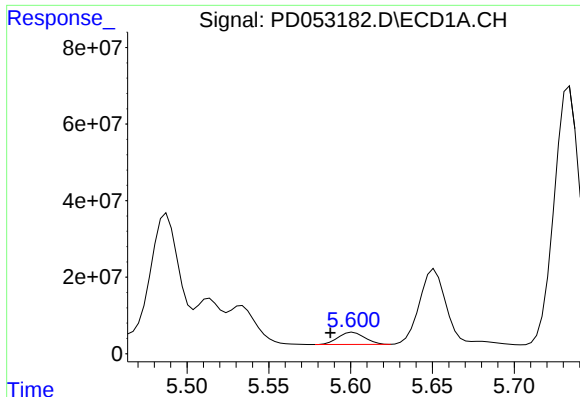
#8 Heptachlor epoxide

R.T.: 5.260 min  
Delta R.T.: 0.015 min  
Response: 130788117  
Conc: 80.19 ng/ml



#8 Heptachlor epoxide

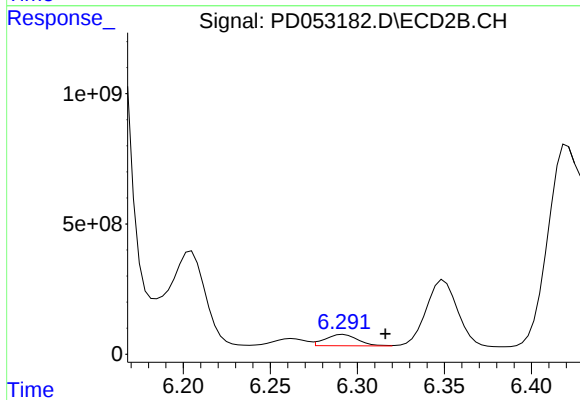
R.T.: 5.945 min  
Delta R.T.: -0.012 min  
Response: 18826002069  
Conc: 709.11 ng/ml



#9 Endosulfan I

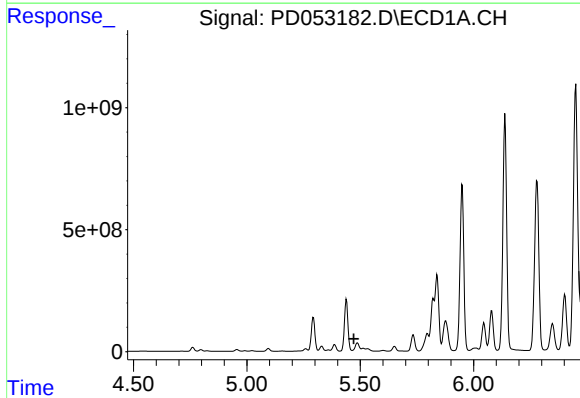
R.T.: 5.602 min  
Delta R.T.: 0.014 min  
Response: 35826199  
Conc: 23.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



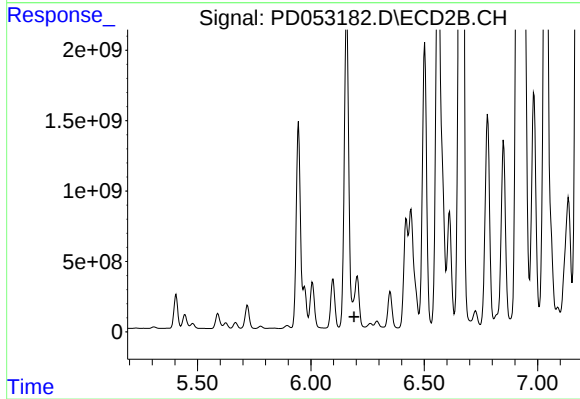
#9 Endosulfan I

R.T.: 6.292 min  
Delta R.T.: -0.024 min  
Response: 568040652  
Conc: 24.02 ng/ml



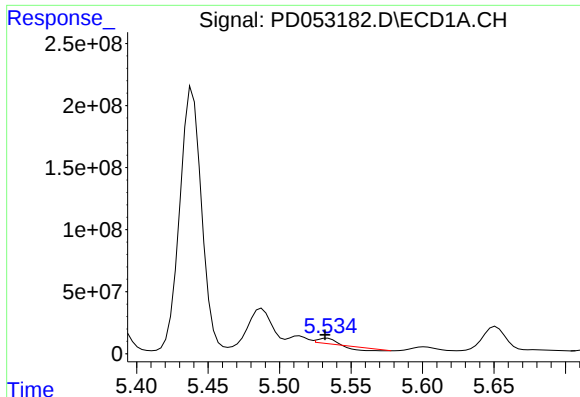
#10 trans-Chlordane

R.T.: 5.488 min  
Delta R.T.: 0.015 min  
Response: -1064308820  
Conc: N.D.



#10 trans-Chlordane

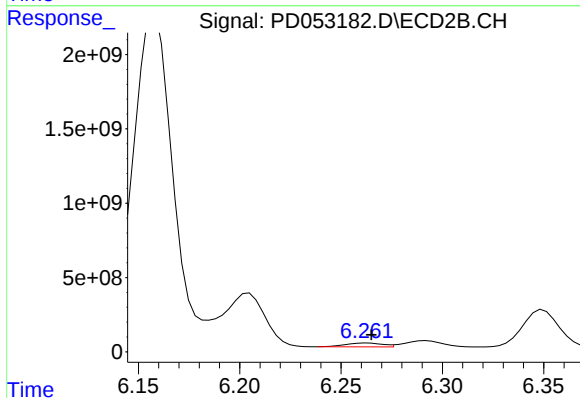
R.T.: 6.205 min  
Delta R.T.: 0.013 min  
Response: -14894949814  
Conc: N.D.



#11 cis-Chlordane

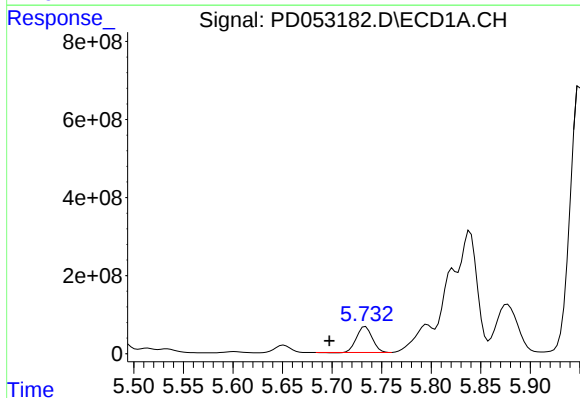
R.T.: 5.534 min  
Delta R.T.: 0.002 min  
Response: 9439956  
Conc: 5.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



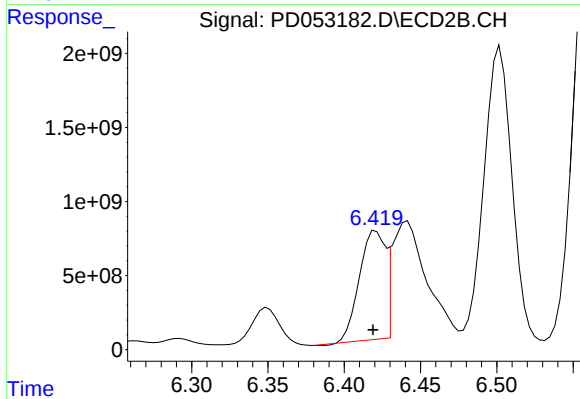
#11 cis-Chlordane

R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 330782280  
Conc: 13.42 ng/ml



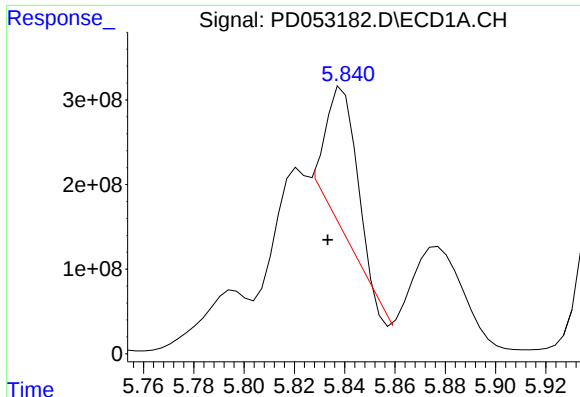
#12 4,4'-DDE

R.T.: 5.734 min  
Delta R.T.: 0.036 min  
Response: 735462322  
Conc: 519.03 ng/ml



#12 4,4'-DDE

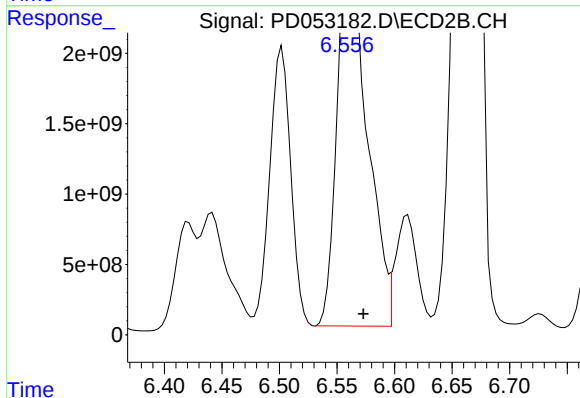
R.T.: 6.421 min  
Delta R.T.: 0.002 min  
Response: 8640180610  
Conc: 396.59 ng/ml



#13 Dieldrin

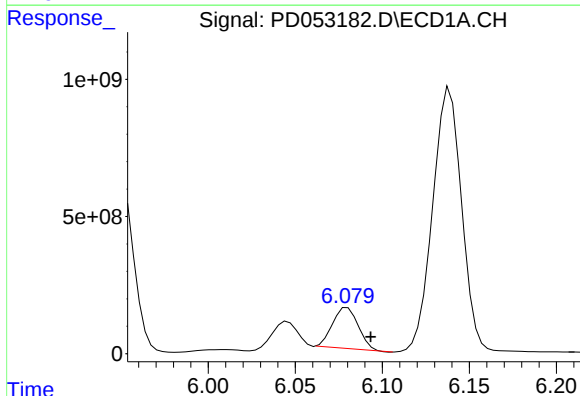
R.T.: 5.839 min  
Delta R.T.: 0.006 min  
Response: 1402613121  
Conc: 859.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



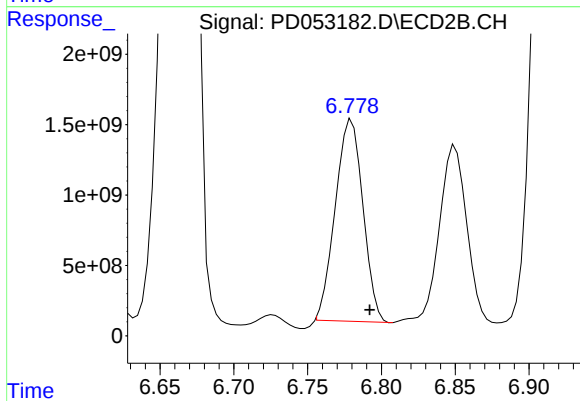
#13 Dieldrin

R.T.: 6.557 min  
Delta R.T.: -0.016 min  
Response: 37295407868  
Conc: 1586.57 ng/ml



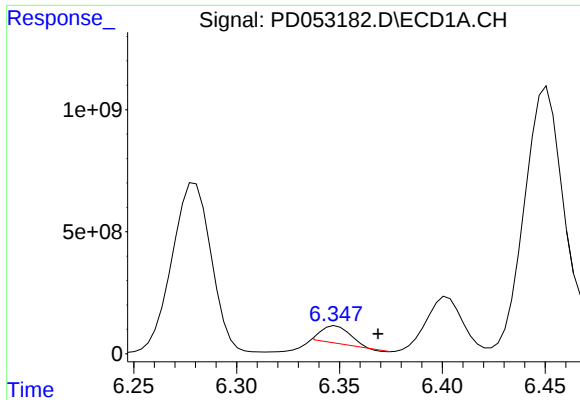
#14 Endrin

R.T.: 6.080 min  
Delta R.T.: -0.013 min  
Response: 1542653312  
Conc: 1207.96 ng/ml



#14 Endrin

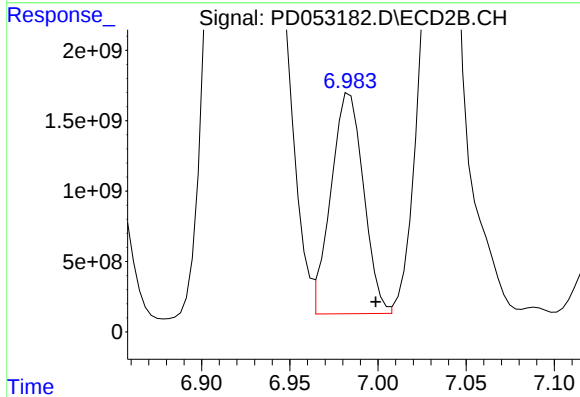
R.T.: 6.777 min  
Delta R.T.: -0.015 min  
Response: 15081559012  
Conc: 924.77 ng/ml



#15 Endosulfan II

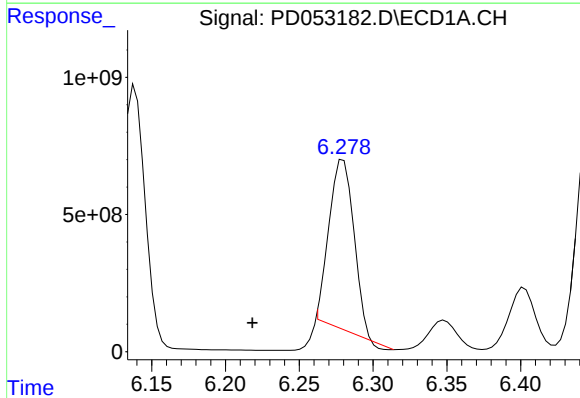
R.T.: 6.348 min  
Delta R.T.: -0.020 min  
Response: 683069879  
Conc: 488.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



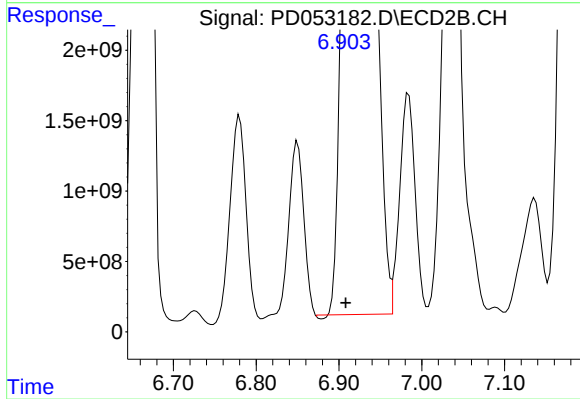
#15 Endosulfan II

R.T.: 6.980 min  
Delta R.T.: -0.018 min  
Response: 16593986927  
Conc: 862.10 ng/ml



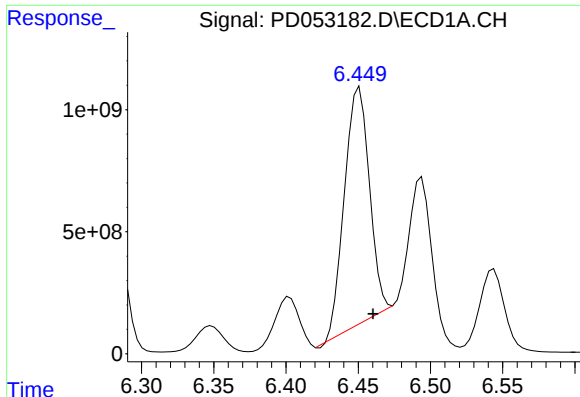
#16 4,4'-DDD

R.T.: 6.280 min  
Delta R.T.: 0.062 min  
Response: 7181590677  
Conc: 6946.22 ng/ml



#16 4,4'-DDD

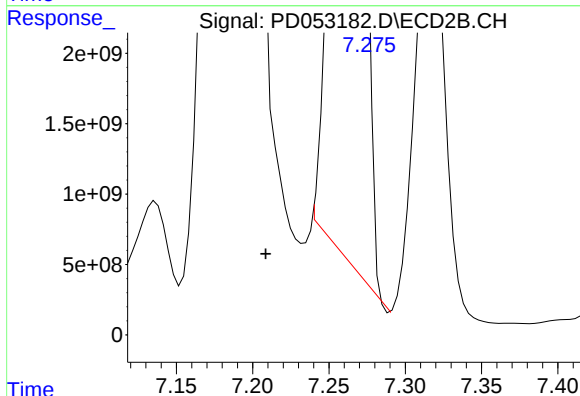
R.T.: 6.913 min  
Delta R.T.: 0.005 min  
Response: 58676717372  
Conc: 3592.08 ng/ml



#17 4,4'-DDT

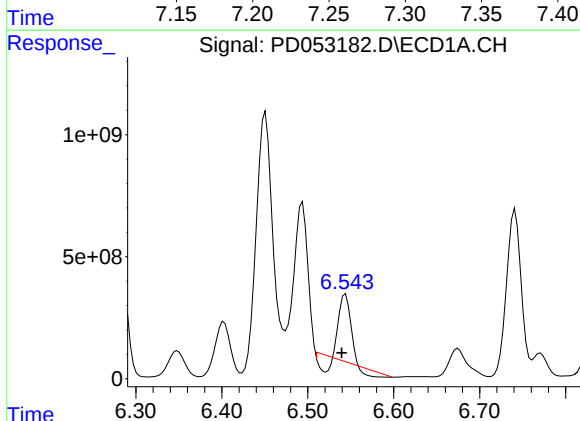
R.T.: 6.451 min  
Delta R.T.: -0.009 min  
Response: 11549182535  
Conc: 18165.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



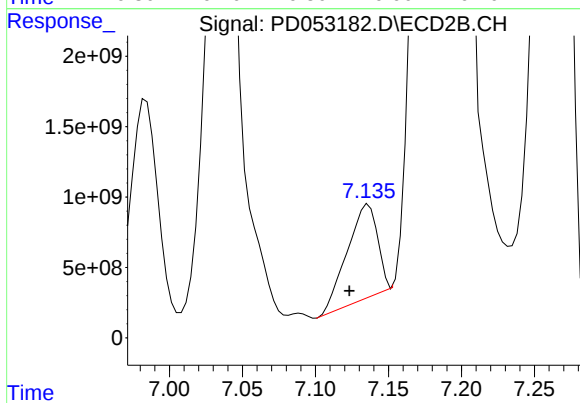
#17 4,4'-DDT

R.T.: 7.267 min  
Delta R.T.: 0.058 min  
Response: 26920322347  
Conc: 3125.07 ng/ml



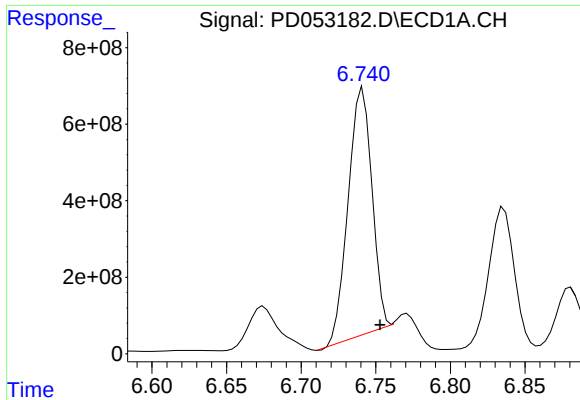
#18 Endrin aldehyde

R.T.: 6.544 min  
Delta R.T.: 0.004 min  
Response: 1775341106  
Conc: 1773.00 ng/ml



#18 Endrin aldehyde

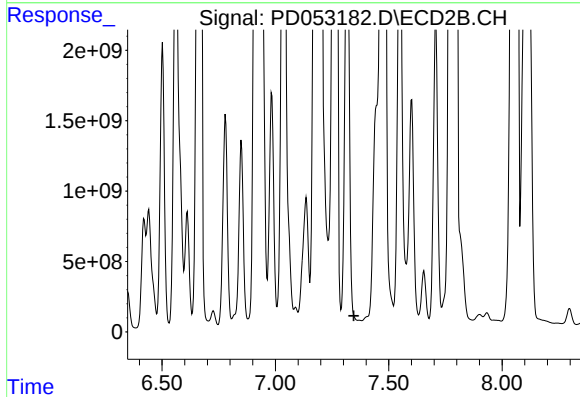
R.T.: 7.136 min  
Delta R.T.: 0.013 min  
Response: 9550423288  
Conc: 650.97 ng/ml



#19 Endosulfan Sulfate

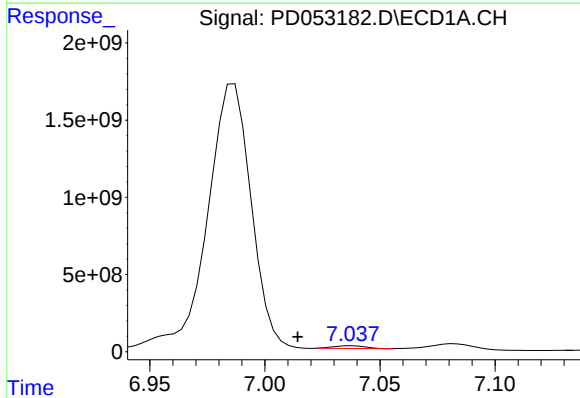
R.T.: 6.741 min  
Delta R.T.: -0.012 min  
Response: 7131545121  
Conc: 6147.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



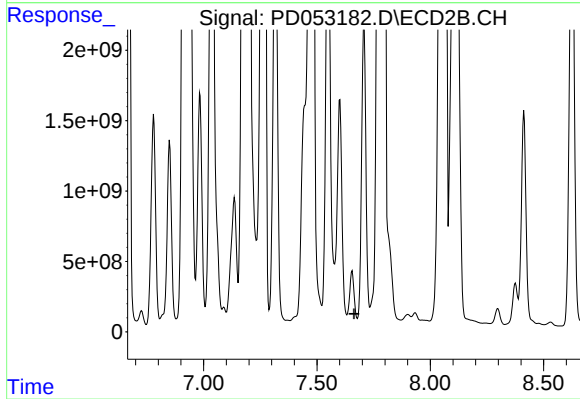
#19 Endosulfan Sulfate

R.T.: 7.370 min  
Delta R.T.: 0.024 min  
Response: -1859503748  
Conc: N.D.



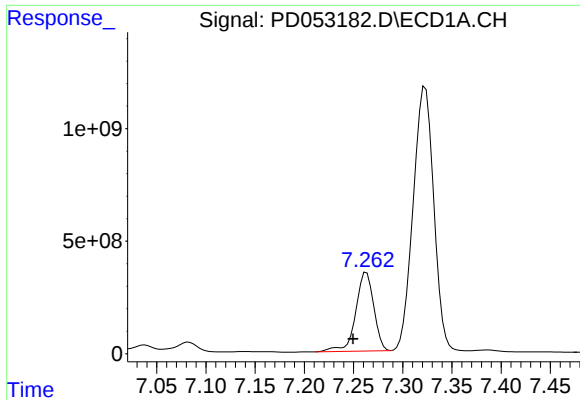
#20 Methoxychlor

R.T.: 7.038 min  
Delta R.T.: 0.024 min  
Response: 173858941  
Conc: 454.84 ng/ml



#20 Methoxychlor

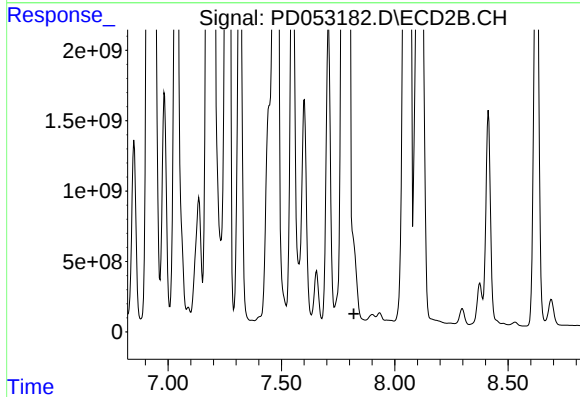
R.T.: 7.655 min  
Delta R.T.: -0.009 min  
Response: -5889968541  
Conc: N.D.



#21 Endrin ketone

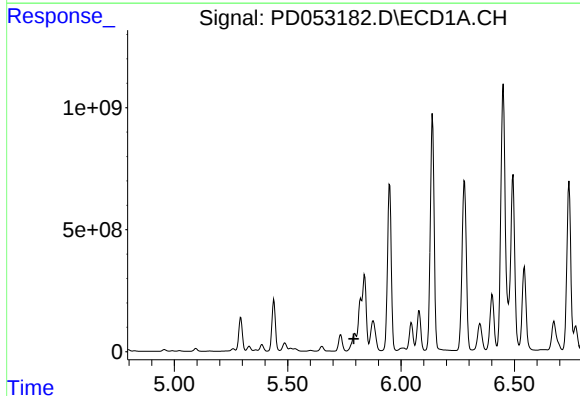
R.T.: 7.263 min  
Delta R.T.: 0.014 min  
Response: 4454605184  
Conc: 4012.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



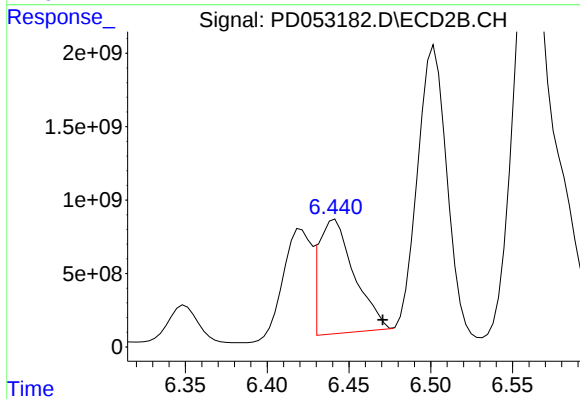
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.819 min  
Response: 0  
Conc: N.D.



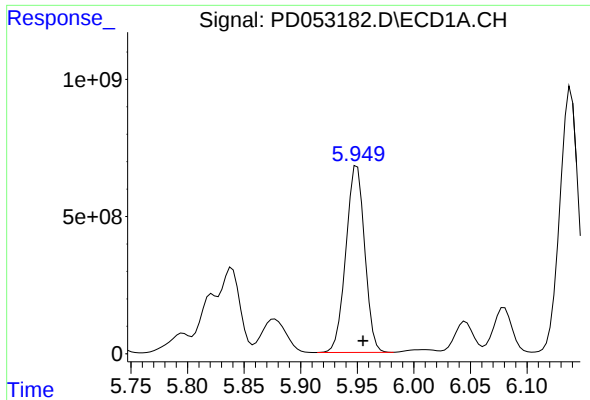
#22 Toxaphene-1

R.T.: 5.822 min  
Delta R.T.: 0.030 min  
Response: -265009552  
Conc: N.D.



#22 Toxaphene-1

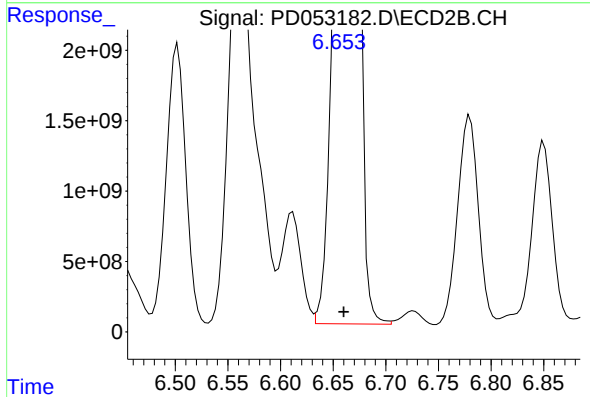
R.T.: 6.441 min  
Delta R.T.: -0.029 min  
Response: 11714346889  
Conc: 120336.53 ng/ml



#23 Toxaphene-2

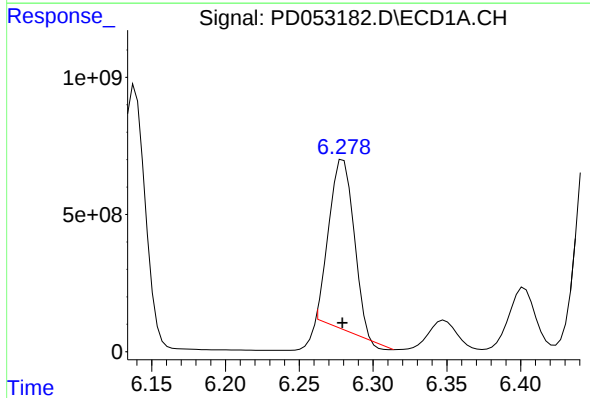
R.T.: 5.950 min  
Delta R.T.: -0.005 min  
Response: 7864785073  
Conc: 894268.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



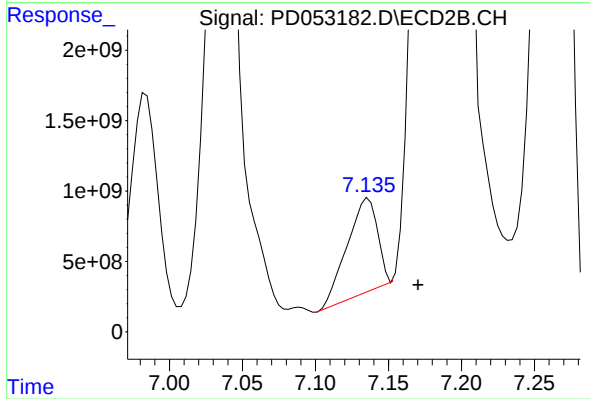
#23 Toxaphene-2

R.T.: 6.660 min  
Delta R.T.: 0.000 min  
Response: 35678624252  
Conc: 207542.39 ng/ml



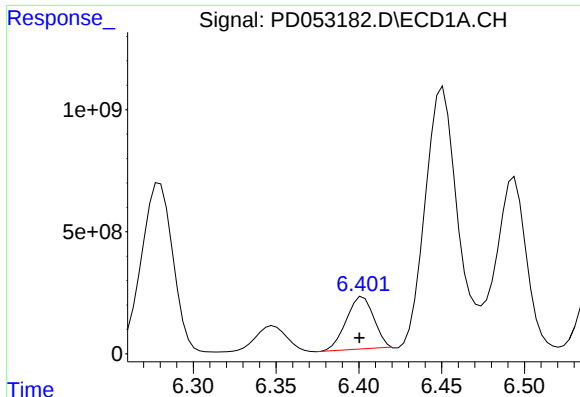
#24 Toxaphene-3

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 7181590677  
Conc: 735474.22 ng/ml



#24 Toxaphene-3

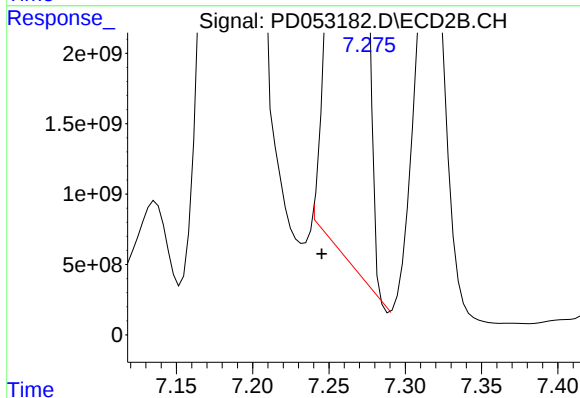
R.T.: 7.136 min  
Delta R.T.: -0.034 min  
Response: 9550423288  
Conc: 68012.35 ng/ml



#25 Toxaphene-4

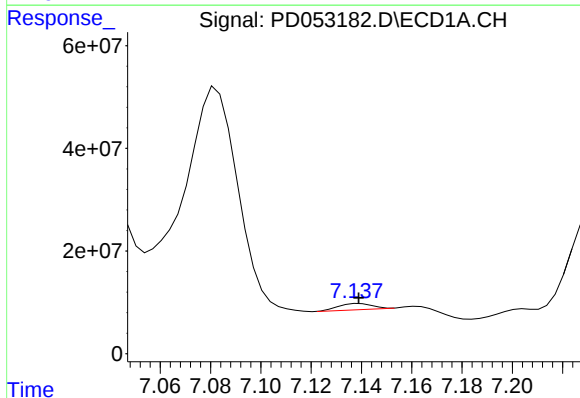
R.T.: 6.402 min  
Delta R.T.: 0.002 min  
Response: 2490032832  
Conc: 113200.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



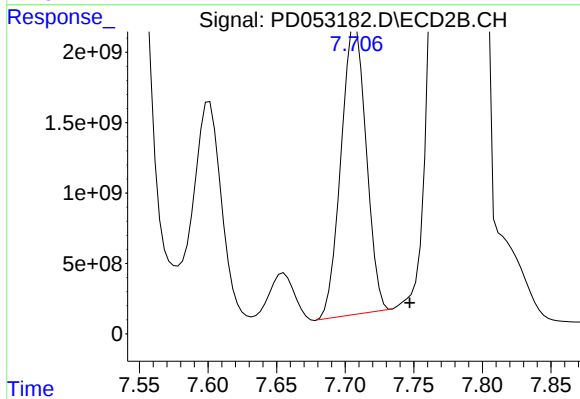
#25 Toxaphene-4

R.T.: 7.267 min  
Delta R.T.: 0.021 min  
Response: 26920322347  
Conc: 75595.91 ng/ml



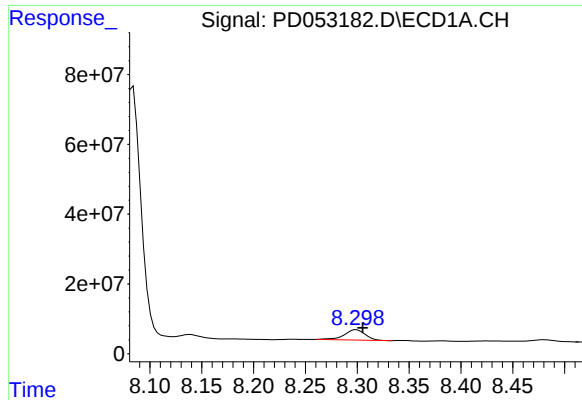
#26 Toxaphene-5

R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 11074630  
Conc: 656.40 ng/ml



#26 Toxaphene-5

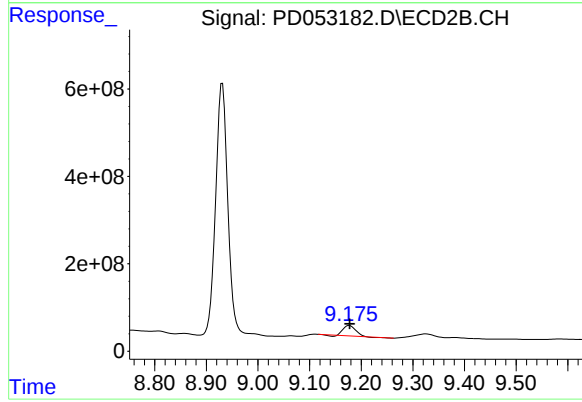
R.T.: 7.704 min  
Delta R.T.: -0.043 min  
Response: 22404069184  
Conc: 152740.12 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.299 min  
Delta R.T.: -0.006 min  
Response: 41803854  
Conc: 31.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFH45



#27 Decachlorobiphenyl

R.T.: 9.177 min  
Delta R.T.: 0.000 min  
Response: 381108414  
Conc: 24.78 ng/ml