

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012219\  
 Data File : PD051177.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Jan 2019 10:22  
 Operator : AJ\SJ  
 Sample : K1157-03MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 14:25:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012119.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 22 02:36:55 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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... | 3.224 | 4.043 | 45155466 | 762.4E6  | 25.254 | 25.887    |
| 28)                         | SA Decachlor... | 7.824 | 9.153 | 33712295 | 399.2E6  | 21.390 | 22.438    |
| Target Compounds            |                 |       |       |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.645 | 4.436 | 129.8E6  | 1982.7E6 | 44.080 | 44.714    |
| 3)                          | MA gamma-BHC... | 3.912 | 4.723 | 134.3E6  | 1935.7E6 | 48.111 | 48.357    |
| 4)                          | MA Heptachlor   | 4.190 | 5.236 | 126.6E6  | 1968.1E6 | 43.942 | 49.660    |
| 5)                          | MB Aldrin       | 4.422 | 5.543 | 122.4E6  | 1656.3E6 | 43.751 | 45.722    |
| 6)                          | B beta-BHC      | 4.158 | 4.894 | 49075990 | 528.0E6  | 43.973 | 30.506 #  |
| 7)                          | B delta-BHC     | 4.346 | 5.112 | 107.2E6  | 939.0E6  | 43.595 | 30.441 #  |
| 8)                          | B Heptachlo...  | 4.849 | 5.930 | 168.8E6  | 1687.5E6 | 62.488 | 50.428    |
| 9)                          | A Endosulfan I  | 5.171 | 6.289 | 121.7E6  | 1326.0E6 | 46.666 | 44.587    |
| 10)                         | B gamma-Chl...  | 5.067 | 6.165 | 163.6E6  | 2596.5E6 | 56.626 | 74.114 #  |
| 11)                         | B alpha-Chl...  | 5.122 | 6.240 | 205.9E6  | 3600.3E6 | 73.279 | 106.657 # |
| 12)                         | B 4,4'-DDE      | 5.292 | 6.394 | 202.0E6  | 2286.4E6 | 72.011 | 70.219    |
| 13)                         | MA Dieldrin     | 5.407 | 6.547 | 160.3E6  | 1455.4E6 | 53.194 | 44.788    |
| 14)                         | MA Endrin       | 5.654 | 6.767 | 122.4E6  | 1149.6E6 | 43.633 | 42.827    |
| 15)                         | B Endosulfa...  | 5.924 | 6.975 | 128.8E6  | 1420.2E6 | 47.643 | 52.063    |
| 16)                         | A 4,4'-DDD      | 5.793 | 6.886 | 93011980 | 1037.7E6 | 37.807 | 39.126    |
| 17)                         | MA 4,4'-DDT     | 6.025 | 7.186 | 154.3E6  | 1613.5E6 | 62.466 | 71.693    |
| 18)                         | B Endrin al...  | 6.090 | 7.099 | 88354067 | 906.0E6  | 41.745 | 43.321    |
| 19)                         | B Endosulfa...  | 6.298 | 7.323 | 94092020 | 1128.4E6 | 39.972 | 49.662    |
| 20)                         | A Methoxychlor  | 6.572 | 7.644 | 59753601 | 538.2E6  | 48.021 | 50.103    |
| 21)                         | B Endrin ke...  | 6.773 | 7.797 | 104.1E6  | 1040.7E6 | 38.796 | 45.484    |
| -----                       |                 |       |       |          |          |        |           |

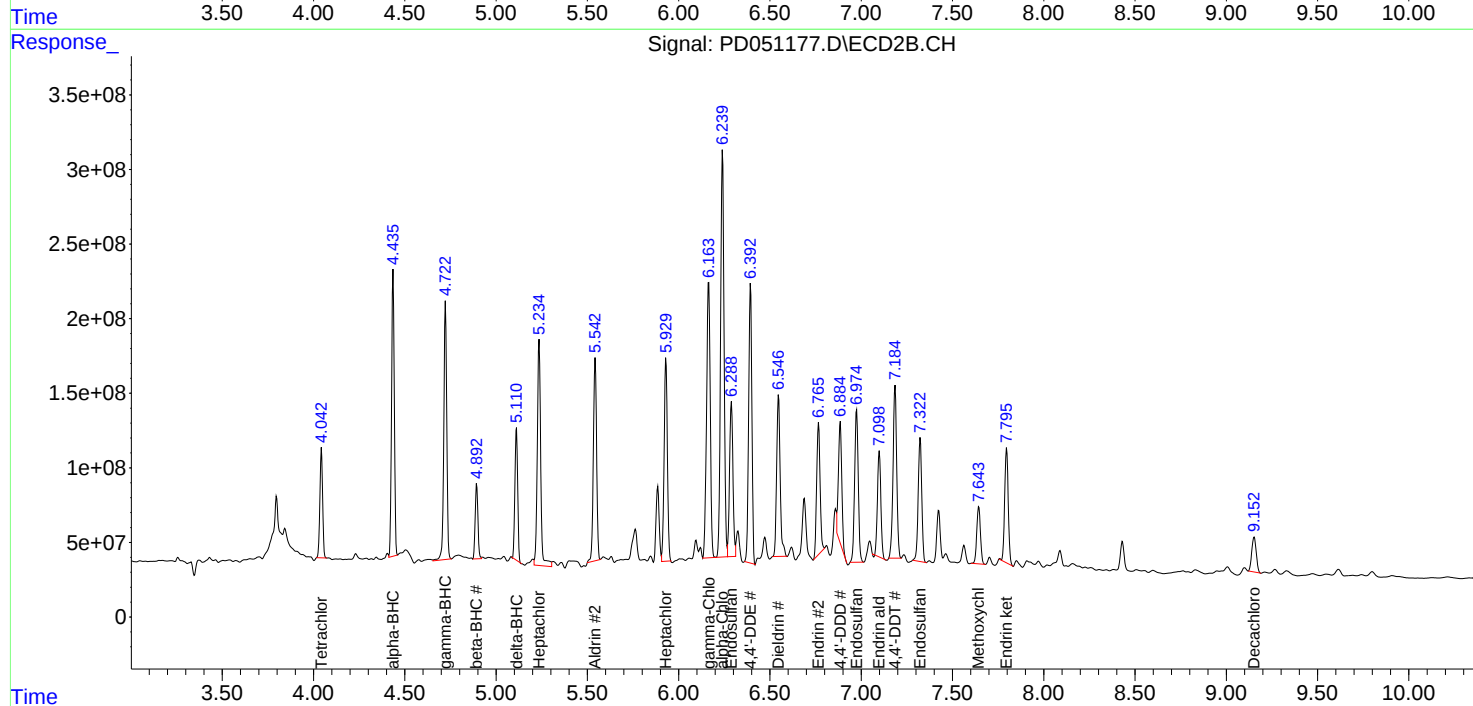
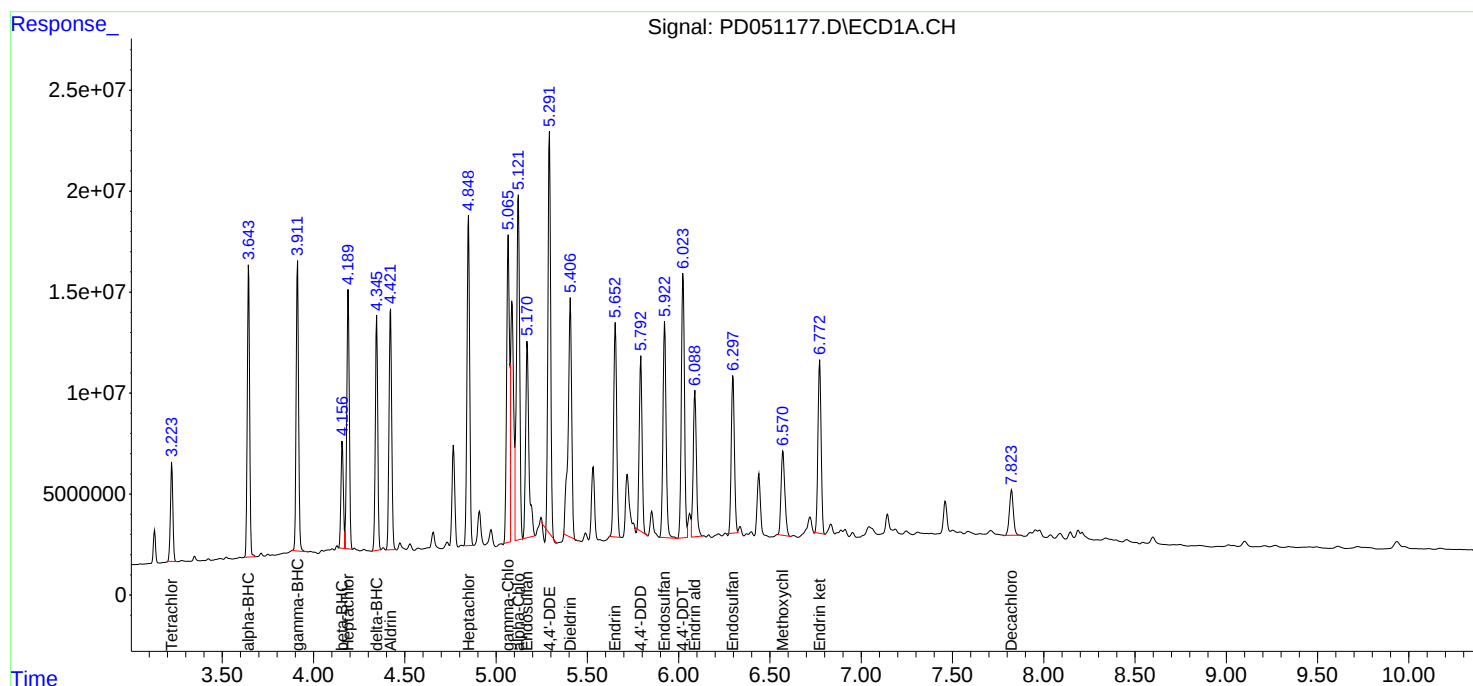
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

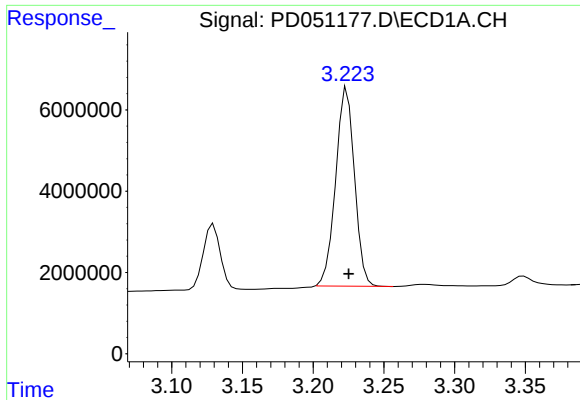
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012219\  
Data File : PD051177.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Jan 2019 10:22  
Operator : AJ\SJ  
Sample : K1157-03MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 14:25:38 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012119.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 22 02:36:55 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 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

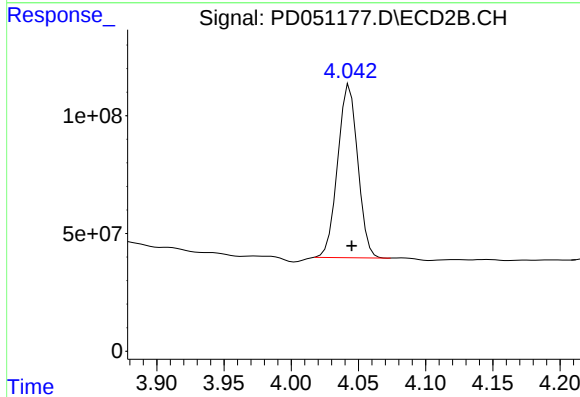




#1 Tetrachloro-m-xylene

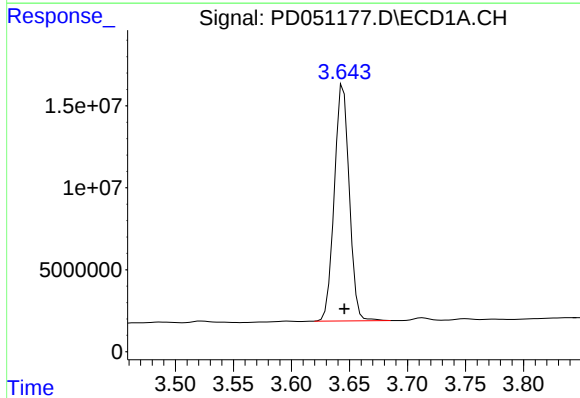
R.T.: 3.224 min  
Delta R.T.: 0.000 min  
Response: 45155466  
Conc: 25.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



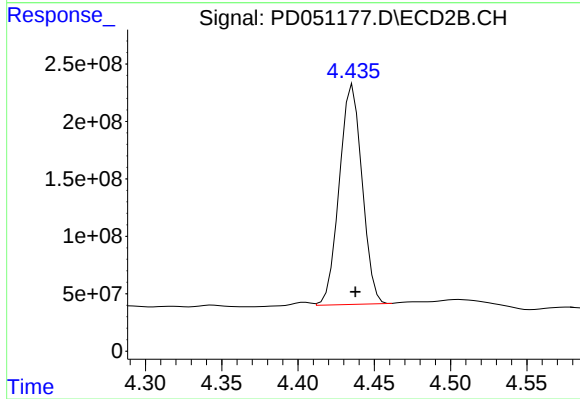
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: -0.002 min  
Response: 762433874  
Conc: 25.89 ng/ml



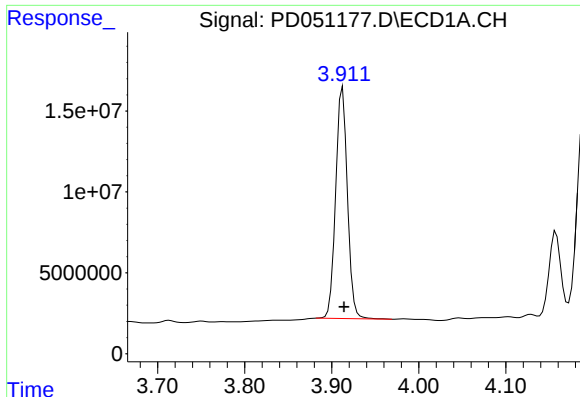
#2 alpha-BHC

R.T.: 3.645 min  
Delta R.T.: 0.000 min  
Response: 129804004  
Conc: 44.08 ng/ml



#2 alpha-BHC

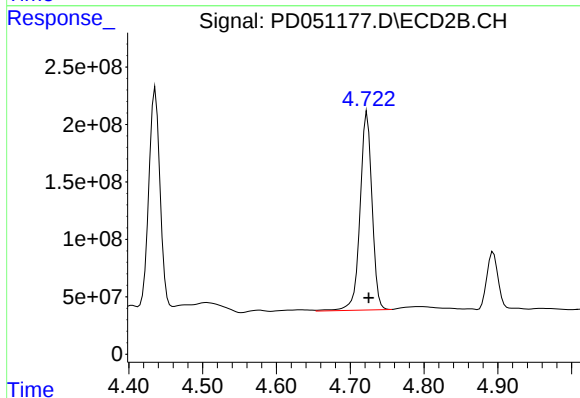
R.T.: 4.436 min  
Delta R.T.: -0.002 min  
Response: 1982740997  
Conc: 44.71 ng/ml



#3 gamma-BHC (Lindane)

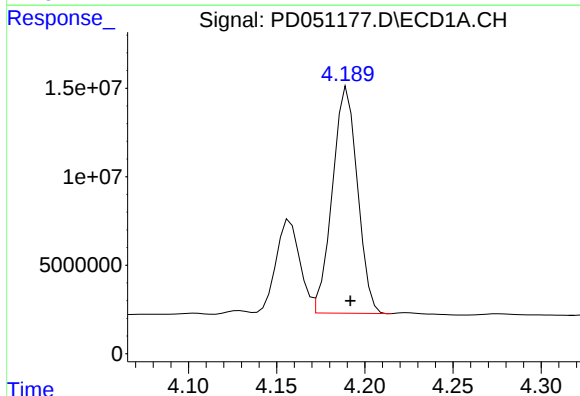
R.T.: 3.912 min  
Delta R.T.: -0.002 min  
Response: 134315008  
Conc: 48.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



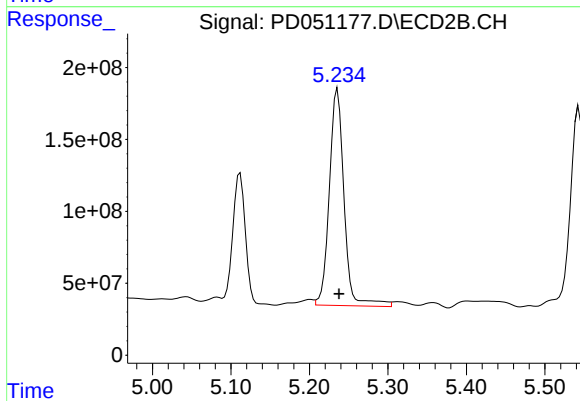
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 1935692028  
Conc: 48.36 ng/ml



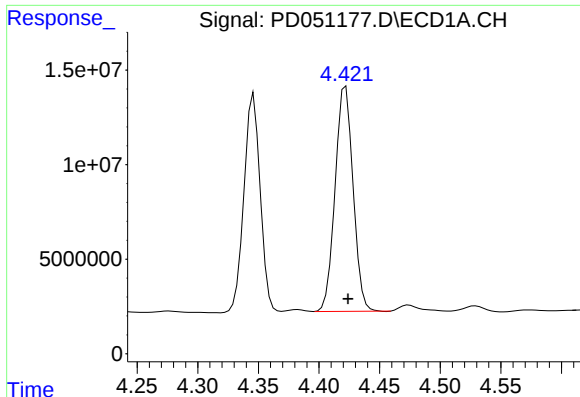
#4 Heptachlor

R.T.: 4.190 min  
Delta R.T.: -0.002 min  
Response: 126640610  
Conc: 43.94 ng/ml



#4 Heptachlor

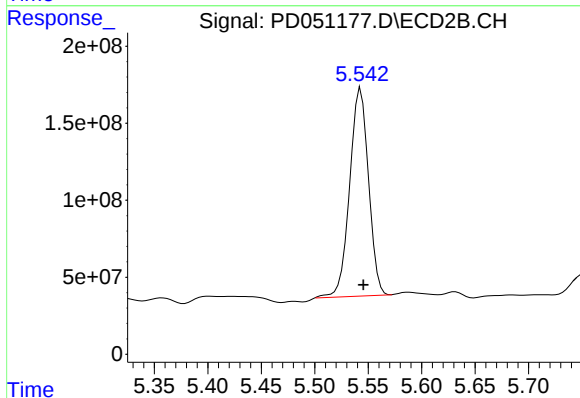
R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 1968063147  
Conc: 49.66 ng/ml



#5 Aldrin

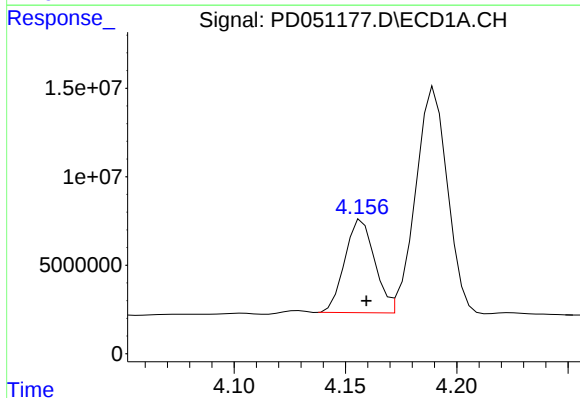
R.T.: 4.422 min  
Delta R.T.: -0.002 min  
Response: 122436397  
Conc: 43.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



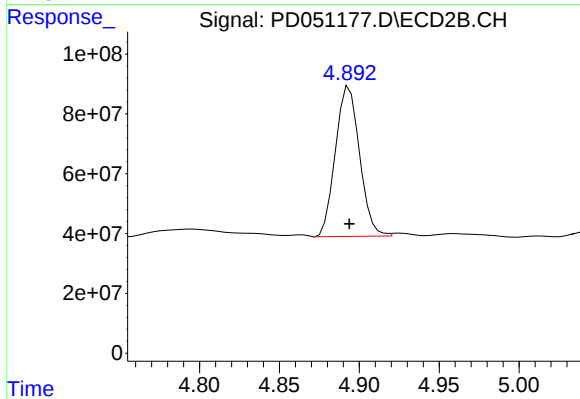
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: -0.002 min  
Response: 1656318040  
Conc: 45.72 ng/ml



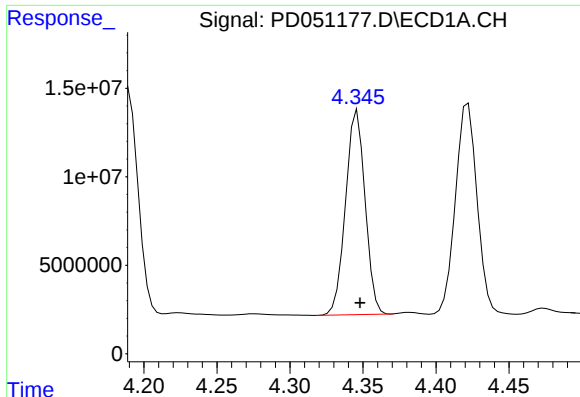
#6 beta-BHC

R.T.: 4.158 min  
Delta R.T.: -0.002 min  
Response: 49075990  
Conc: 43.97 ng/ml



#6 beta-BHC

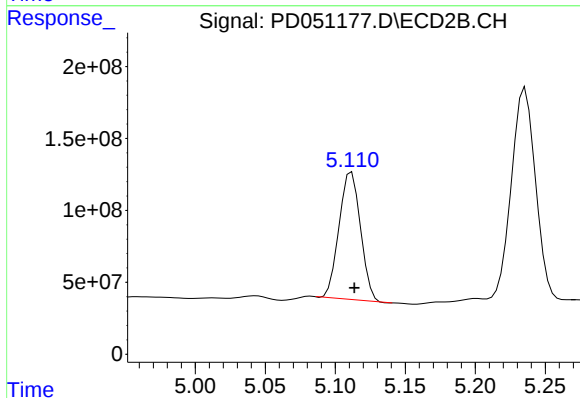
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 527963728  
Conc: 30.51 ng/ml



#7 delta-BHC

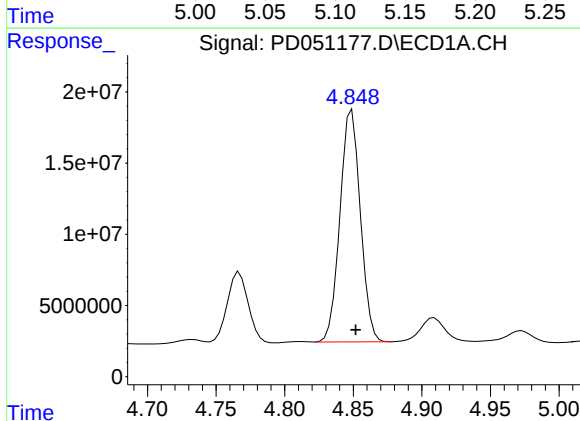
R.T.: 4.346 min  
Delta R.T.: -0.002 min  
Response: 107241916  
Conc: 43.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



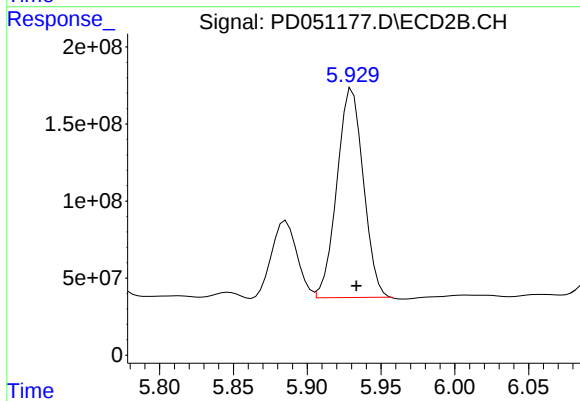
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: -0.002 min  
Response: 938983164  
Conc: 30.44 ng/ml



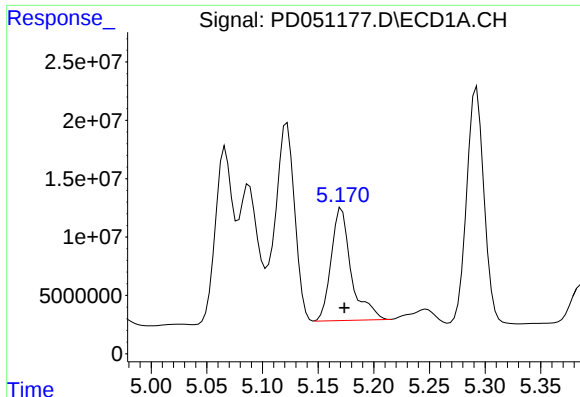
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: -0.003 min  
Response: 168820517  
Conc: 62.49 ng/ml



#8 Heptachlor epoxide

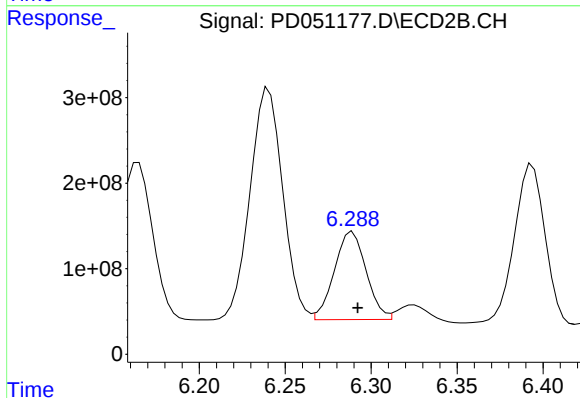
R.T.: 5.930 min  
Delta R.T.: -0.003 min  
Response: 1687537887  
Conc: 50.43 ng/ml



#9 Endosulfan I

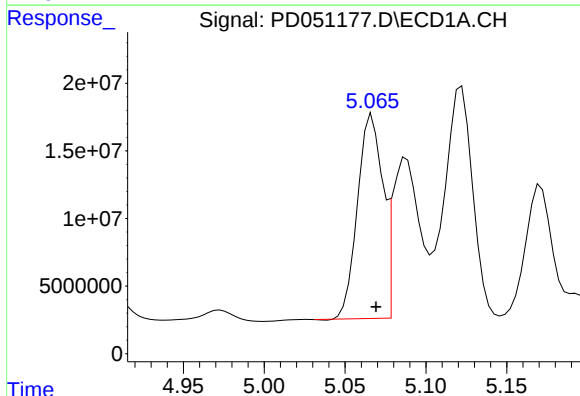
R.T.: 5.171 min  
Delta R.T.: -0.002 min  
Response: 121650537  
Conc: 46.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



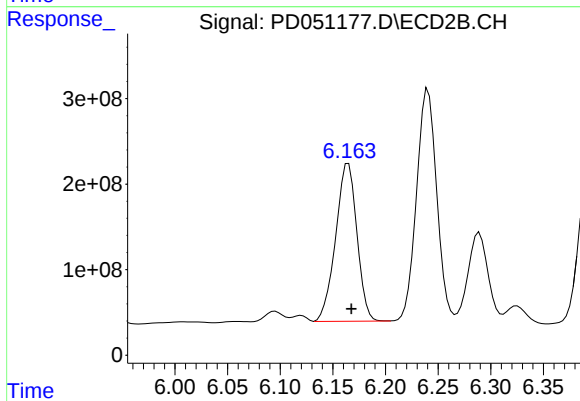
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: -0.003 min  
Response: 1325950707  
Conc: 44.59 ng/ml



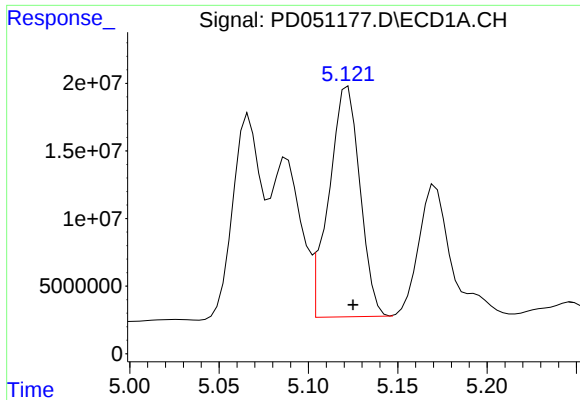
#10 gamma-Chlordane

R.T.: 5.067 min  
Delta R.T.: -0.002 min  
Response: 163561307  
Conc: 56.63 ng/ml



#10 gamma-Chlordane

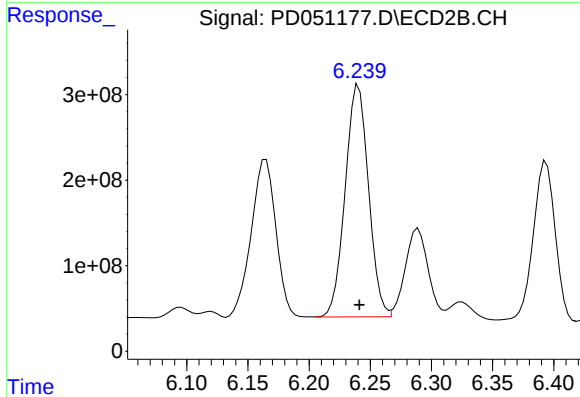
R.T.: 6.165 min  
Delta R.T.: -0.003 min  
Response: 2596462292  
Conc: 74.11 ng/ml



#11 alpha-Chlordane

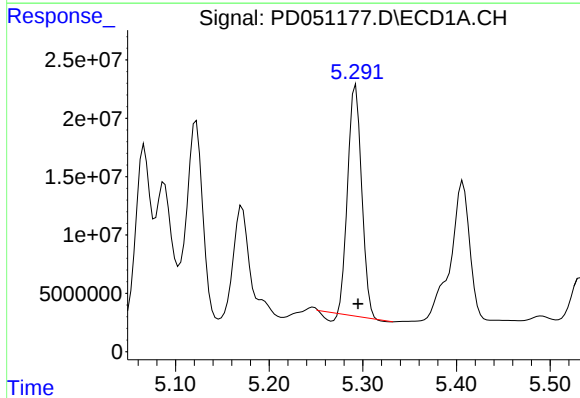
R.T.: 5.122 min  
Delta R.T.: -0.003 min  
Response: 205852611  
Conc: 73.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



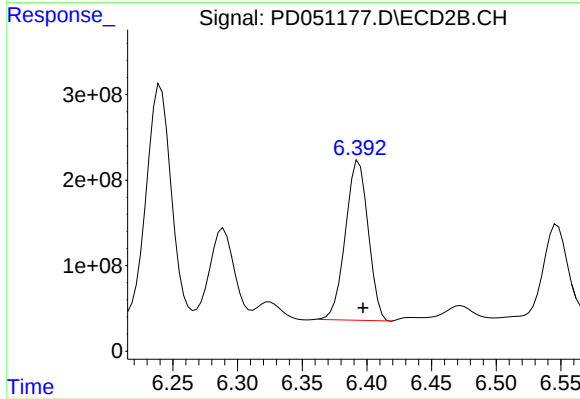
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 3600269358  
Conc: 106.66 ng/ml



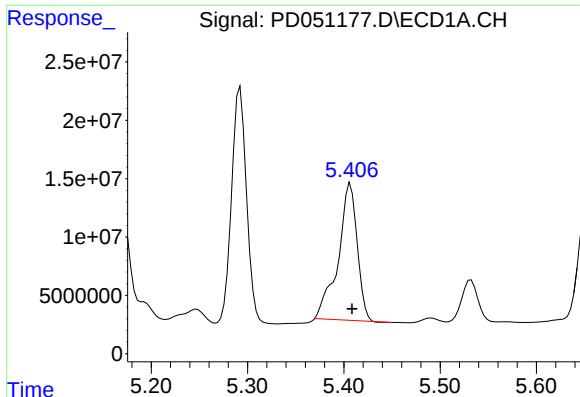
#12 4,4'-DDE

R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 202029617  
Conc: 72.01 ng/ml



#12 4,4'-DDE

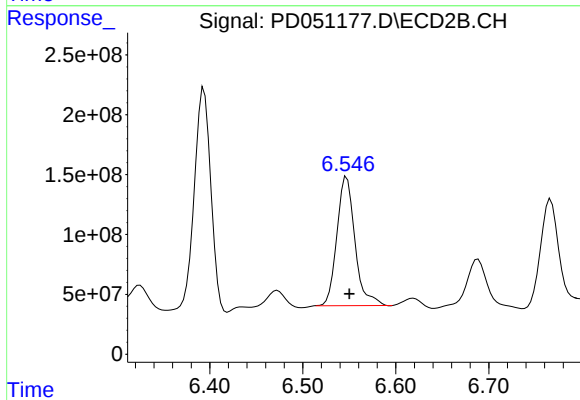
R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 2286352586  
Conc: 70.22 ng/ml



#13 Dieldrin

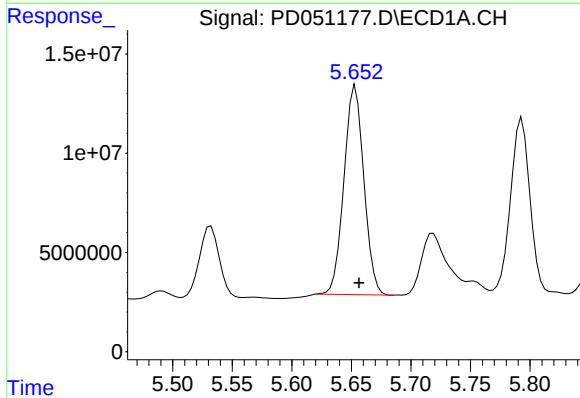
R.T.: 5.407 min  
Delta R.T.: -0.002 min  
Response: 160323675  
Conc: 53.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



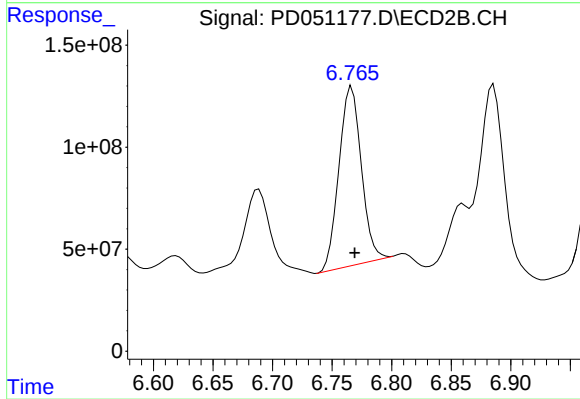
#13 Dieldrin

R.T.: 6.547 min  
Delta R.T.: -0.003 min  
Response: 1455432517  
Conc: 44.79 ng/ml



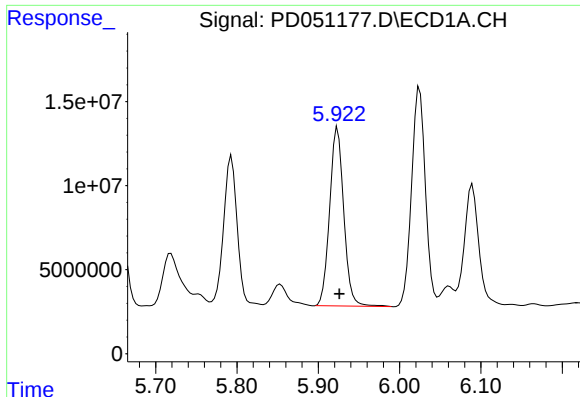
#14 Endrin

R.T.: 5.654 min  
Delta R.T.: -0.003 min  
Response: 122373271  
Conc: 43.63 ng/ml



#14 Endrin

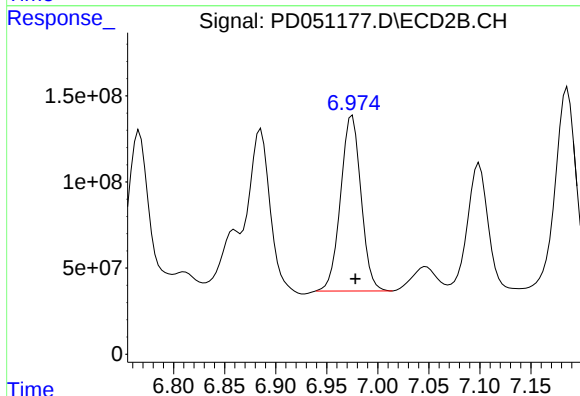
R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 1149606859  
Conc: 42.83 ng/ml



#15 Endosulfan II

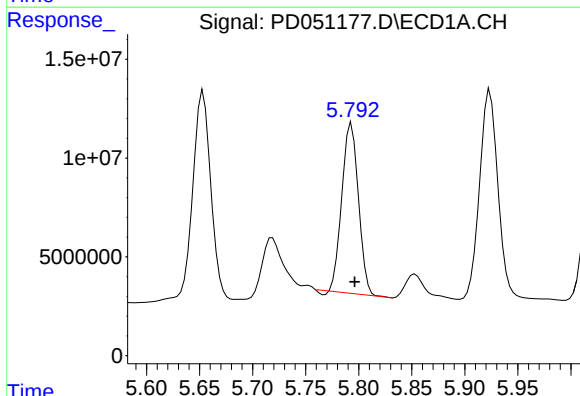
R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 128835647  
Conc: 47.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



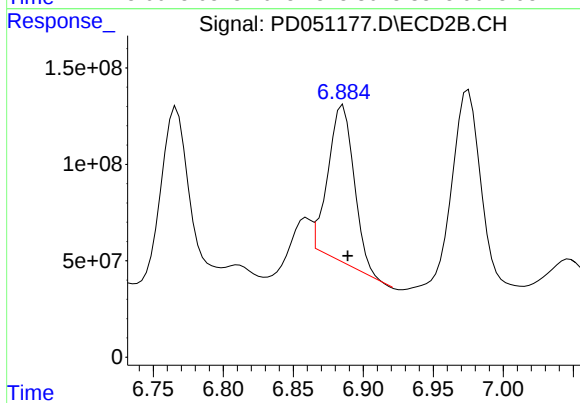
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: -0.003 min  
Response: 1420214399  
Conc: 52.06 ng/ml



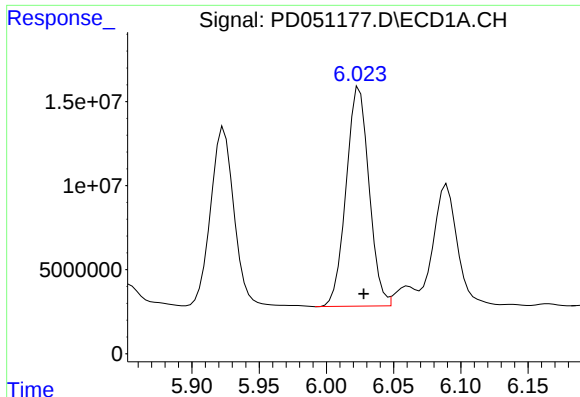
#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 93011980  
Conc: 37.81 ng/ml



#16 4,4'-DDD

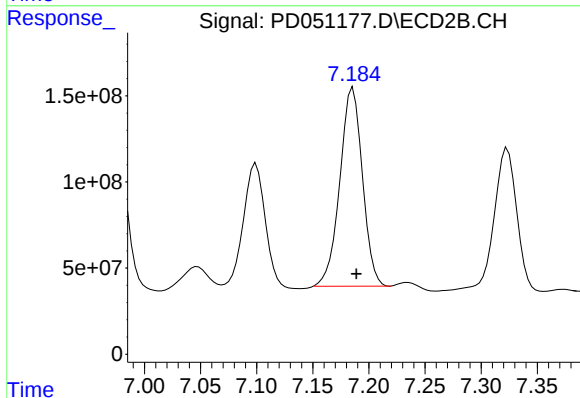
R.T.: 6.886 min  
Delta R.T.: -0.003 min  
Response: 1037726305  
Conc: 39.13 ng/ml



#17 4,4'-DDT

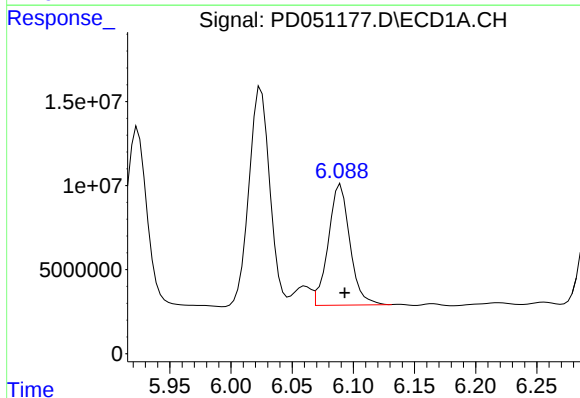
R.T.: 6.025 min  
Delta R.T.: -0.003 min  
Response: 154279022  
Conc: 62.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



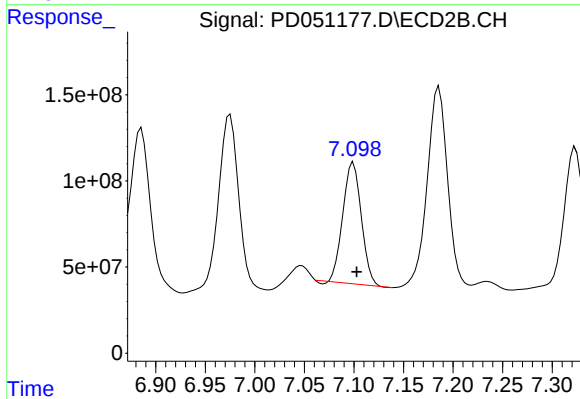
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.003 min  
Response: 1613458269  
Conc: 71.69 ng/ml



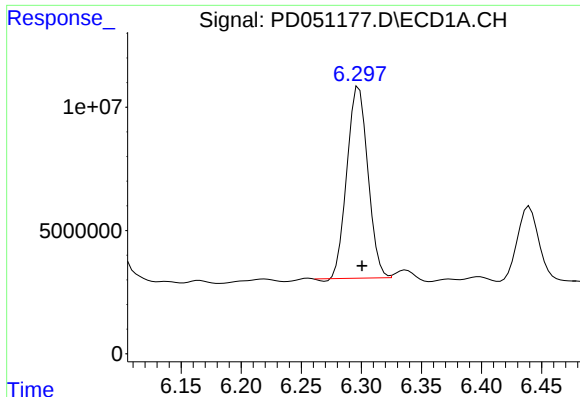
#18 Endrin aldehyde

R.T.: 6.090 min  
Delta R.T.: -0.003 min  
Response: 88354067  
Conc: 41.74 ng/ml



#18 Endrin aldehyde

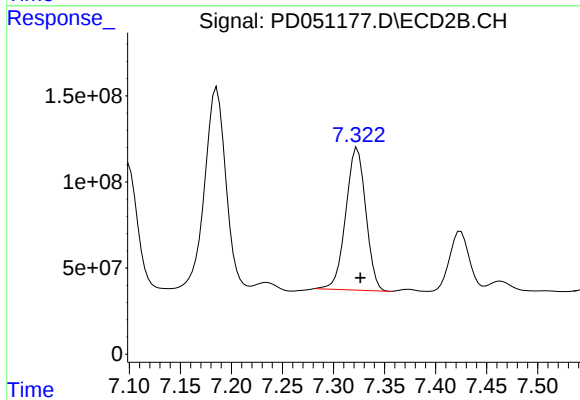
R.T.: 7.099 min  
Delta R.T.: -0.003 min  
Response: 905997456  
Conc: 43.32 ng/ml



#19 Endosulfan Sulfate

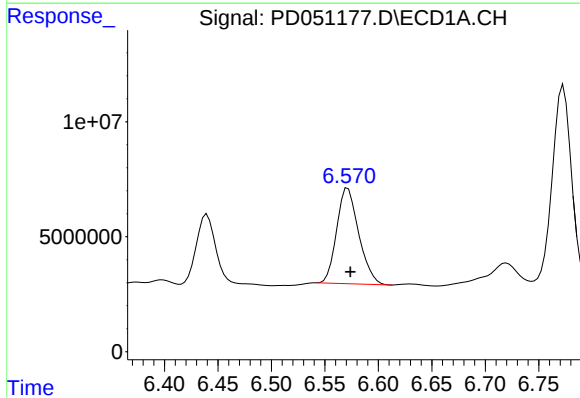
R.T.: 6.298 min  
Delta R.T.: -0.002 min  
Response: 94092020  
Conc: 39.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



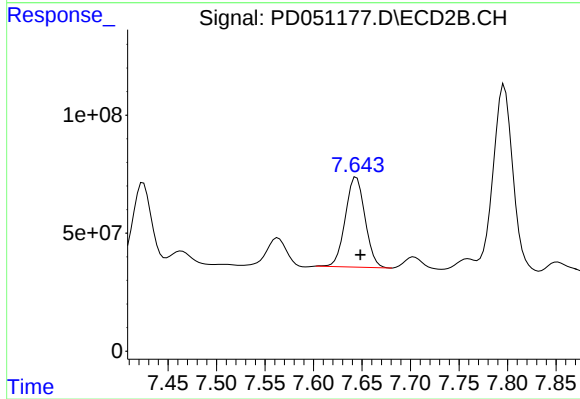
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: -0.003 min  
Response: 1128369157  
Conc: 49.66 ng/ml



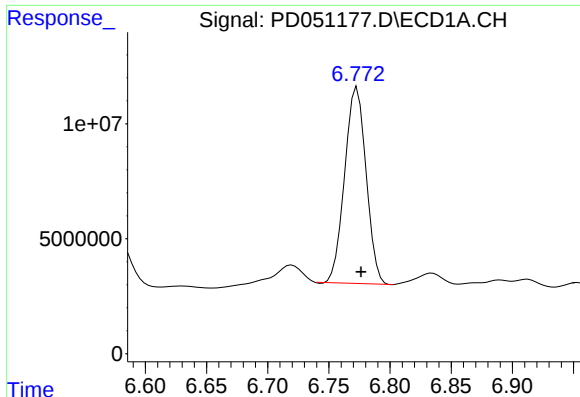
#20 Methoxychlor

R.T.: 6.572 min  
Delta R.T.: -0.002 min  
Response: 59753601  
Conc: 48.02 ng/ml



#20 Methoxychlor

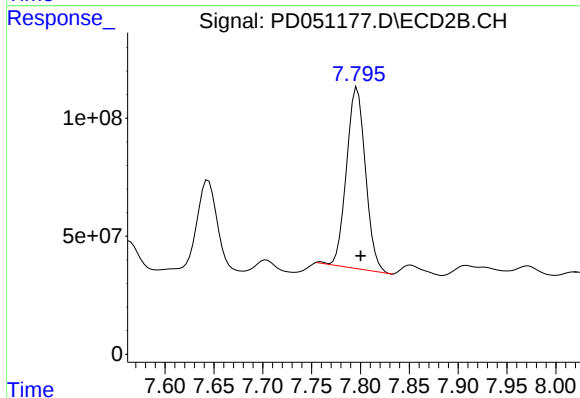
R.T.: 7.644 min  
Delta R.T.: -0.004 min  
Response: 538185595  
Conc: 50.10 ng/ml



#21 Endrin ketone

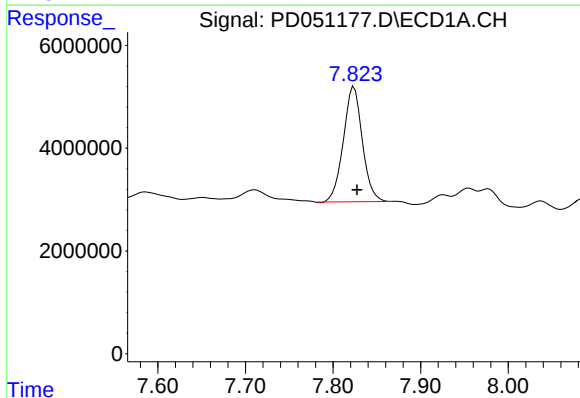
R.T.: 6.773 min  
Delta R.T.: -0.003 min  
Response: 104061317  
Conc: 38.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



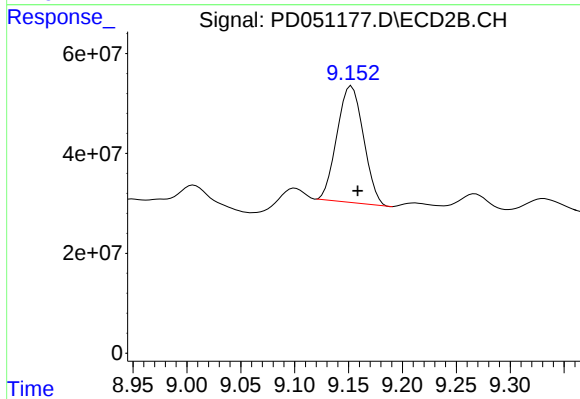
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: -0.003 min  
Response: 1040725176  
Conc: 45.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min  
Delta R.T.: -0.004 min  
Response: 33712295  
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.153 min  
Delta R.T.: -0.006 min  
Response: 399223266  
Conc: 22.44 ng/ml