

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
 Data File : PL058428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2020 16:42  
 Operator : AJ\MA  
 Sample : L2428-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-7MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 01:03:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 29 00:55:33 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.455  | 3.954  | 117.5E6  | 25320617 | 11.040   | 11.715     |
| 28)                         | SA Decachlor... | 8.200  | 8.973  | 71735492 | 16236347 | 6.633    | 7.318      |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.892  | 4.341  | 935.1E6  | 174.5E6  | 51.061   | 52.705     |
| 3)                          | MA gamma-BHC... | 4.175  | 4.623  | 860.6E6  | 170.2E6  | 49.855   | 51.453     |
| 4)                          | MA Heptachlor   | 4.475  | 5.124  | 848.5E6  | 179.3E6  | 48.020   | 51.907     |
| 5)                          | MB Aldrin       | 4.722  | 5.426  | 824.4E6  | 176.7E6  | 49.702   | 52.298     |
| 6)                          | B beta-BHC      | 4.427  | 4.797  | 379.4E6  | 80278665 | 53.092   | 55.098     |
| 7)                          | B delta-BHC     | 4.631  | 5.011  | 765.5E6  | 130.4E6  | 45.058   | 51.860     |
| 8)                          | B Heptachlo...  | 5.165  | 5.810  | 794.6E6  | 157.6E6  | 52.314   | 49.230     |
| 9)                          | A Endosulfan I  | 5.504  | 6.165  | 694.1E6  | 160.9E6  | 49.172   | 52.028     |
| 10)                         | B gamma-Chl...  | 5.392  | 6.043  | 815.9E6  | 178.2E6  | 52.989   | 52.785     |
| 11)                         | B alpha-Chl...  | 5.450  | 6.115  | 724.6E6  | 173.0E6  | 47.778   | 50.877     |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.274  | 789.5E6  | 167.3E6  | 52.215   | 54.847     |
| 13)                         | MA Dieldrin     | 5.746  | 6.421  | 737.3E6  | 161.7E6  | 49.450   | 51.662     |
| 14)                         | MA Endrin       | 6.003  | 6.637  | 703.9E6  | 132.7E6  | 51.778   | 51.630     |
| 15)                         | B Endosulfa...  | 6.277  | 6.847  | 613.0E6  | 129.1E6  | 48.452   | 48.444     |
| 16)                         | A 4,4'-DDD      | 6.129  | 6.763  | 591.6E6  | 117.7E6  | 50.451   | 51.789     |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.060  | 622.3E6  | 120.1E6  | 53.327   | 54.858     |
| 18)                         | B Endrin al...  | 6.445  | 6.971  | 511.9E6  | 110.0E6  | 48.264   | 50.457     |
| 19)                         | B Endosulfa...  | 6.659  | 7.194  | 864.4E6  | 122.3E6  | 74.525   | 51.710 #   |
| 20)                         | A Methoxychlor  | 6.914  | 7.519  | 299.5E6  | 65252848 | 50.413   | 52.647     |
| 21)                         | B Endrin ke...  | 7.148  | 7.661  | 638.0E6  | 130.4E6  | 53.848   | 53.485     |
| 22)                         | Mirex           | 7.335  | 8.110  | 449.0E6  | 97994030 | 50.742   | 51.315     |
| 23)                         | Chlordane-1     | 4.348f | 0.000  | 14284632 | 0        | 33.233   | N.D. #     |
| 24)                         | Chlordane-2     | 4.809  | 5.426f | 1813292  | 176.7E6  | 4.366    | 1782.988 # |
| 25)                         | Chlordane-3     | 5.392  | 6.043  | 815.9E6  | 178.2E6  | 621.215  | 445.506 #  |
| 26)                         | Chlordane-4     | 5.450  | 6.115  | 724.6E6  | 173.0E6  | 660.131  | 355.951 #  |
| 27)                         | Chlordane-5     | 6.277  | 0.000  | 613.0E6  | 0        | 1507.143 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

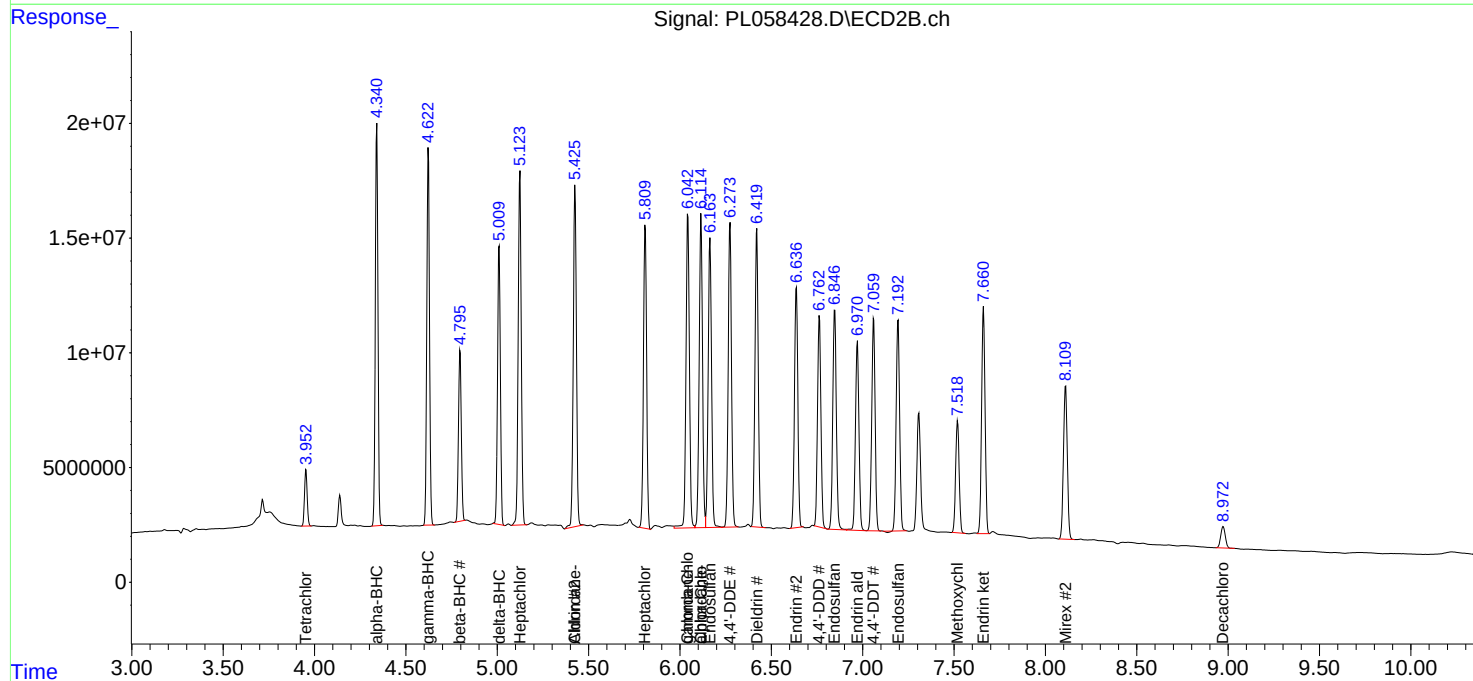
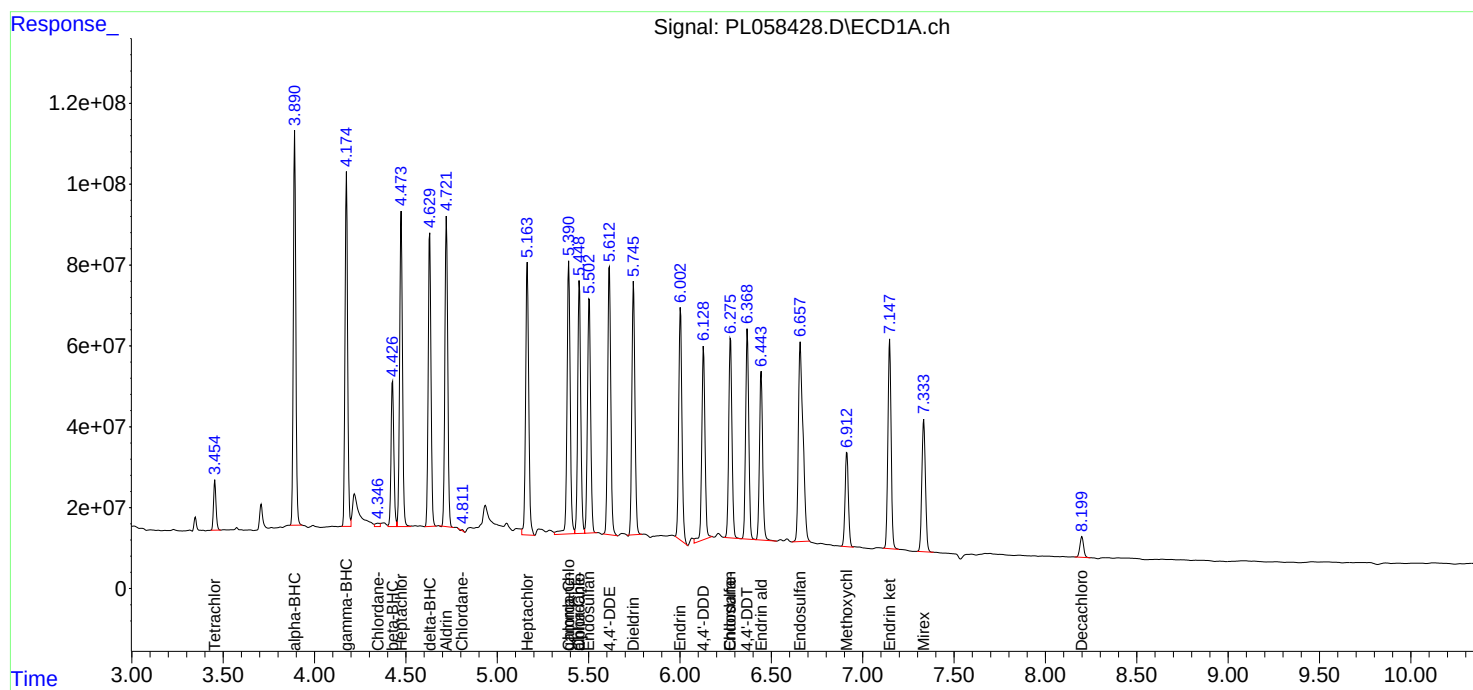
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

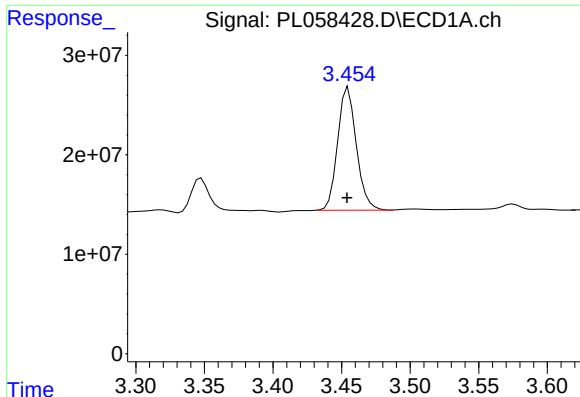
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
Data File : PL058428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2020 16:42  
Operator : AJ\MA  
Sample : L2428-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 01:03:10 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 29 00:55:33 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 x0.5µm

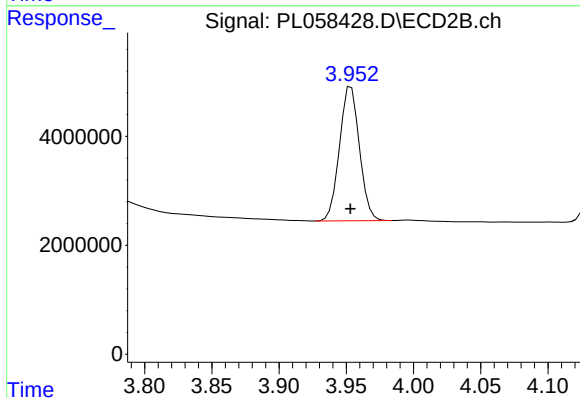




#1 Tetrachloro-m-xylene

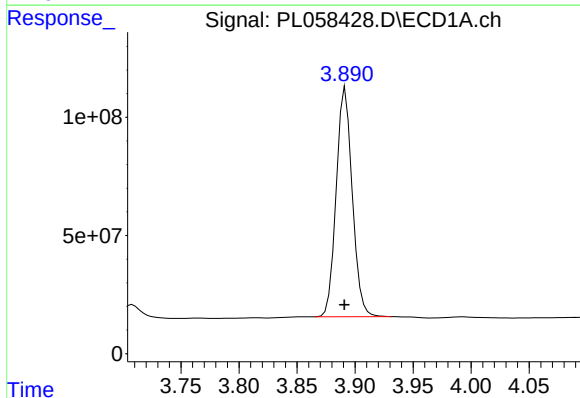
R.T.: 3.455 min  
Delta R.T.: 0.000 min  
Response: 117491919  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



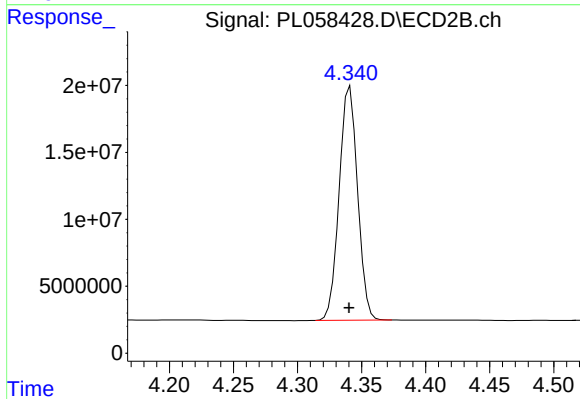
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 25320617  
Conc: 11.71 ng/ml



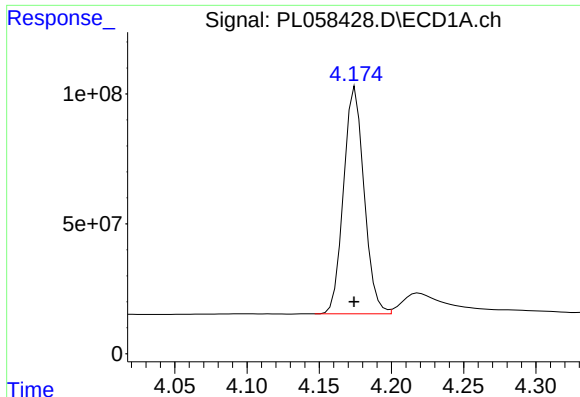
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: 0.000 min  
Response: 935137337  
Conc: 51.06 ng/ml



#2 alpha-BHC

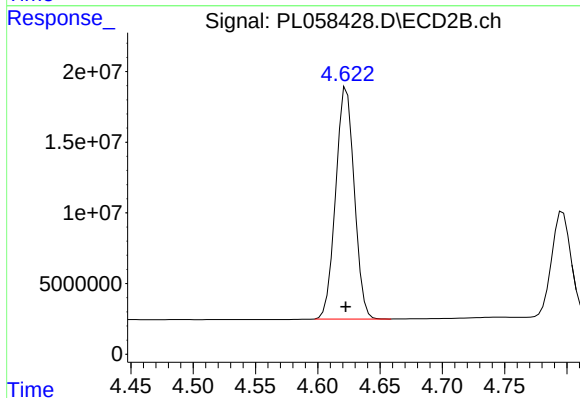
R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 174543680  
Conc: 52.71 ng/ml



#3 gamma-BHC (Lindane)

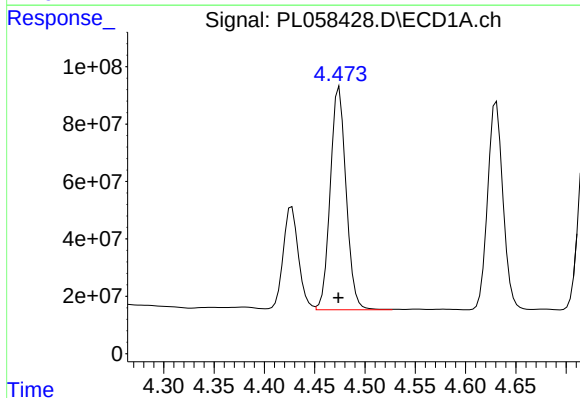
R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 860641016  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



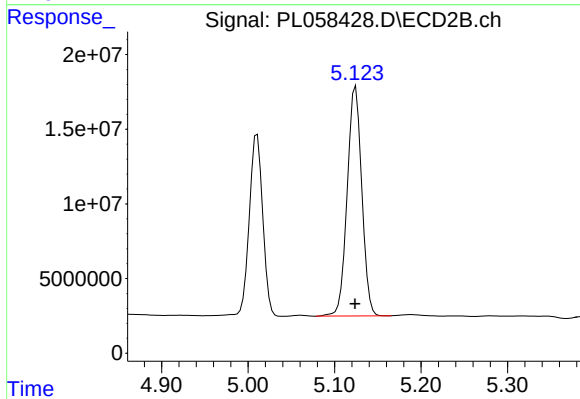
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: 0.000 min  
Response: 170236119  
Conc: 51.45 ng/ml



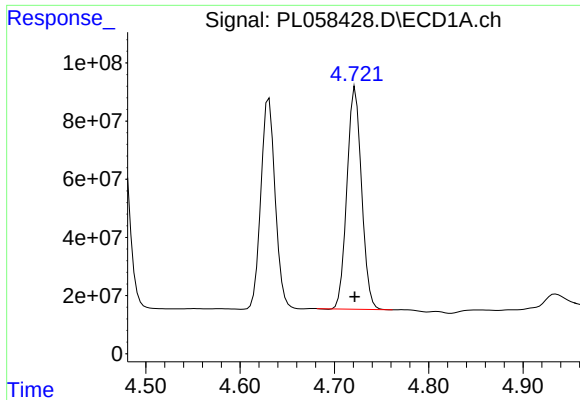
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 848510146  
Conc: 48.02 ng/ml



#4 Heptachlor

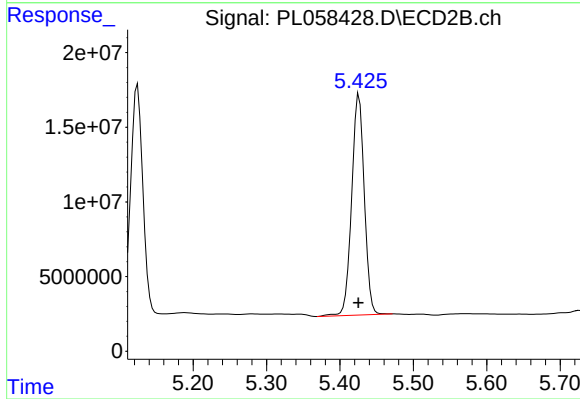
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 179302975  
Conc: 51.91 ng/ml



#5 Aldrin

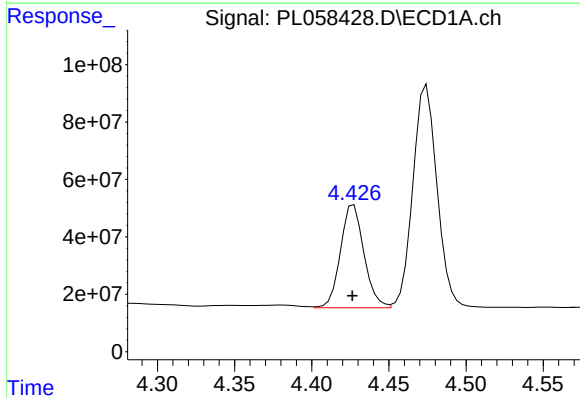
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 824380886  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



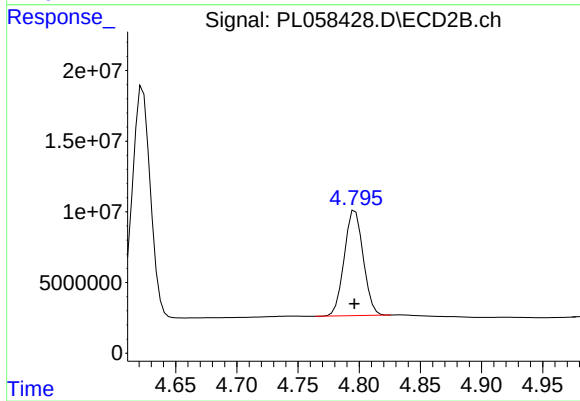
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: 0.000 min  
Response: 176738923  
Conc: 52.30 ng/ml



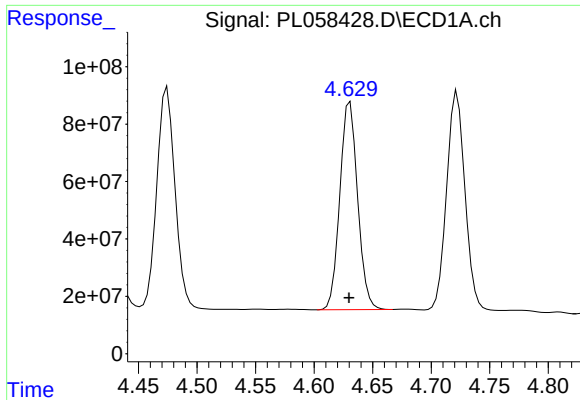
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 379436008  
Conc: 53.09 ng/ml



#6 beta-BHC

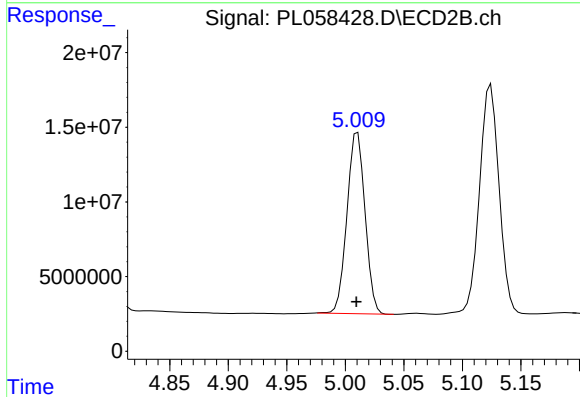
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 80278665  
Conc: 55.10 ng/ml



#7 delta-BHC

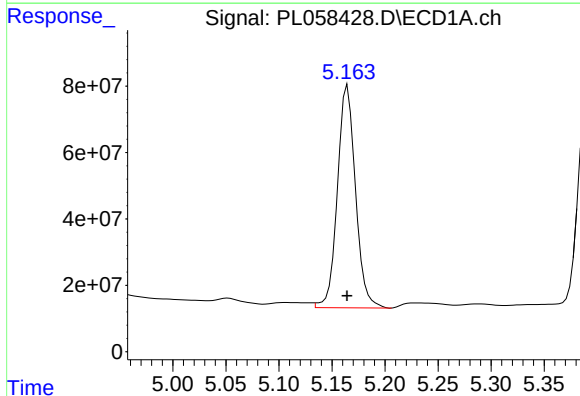
R.T.: 4.631 min  
Delta R.T.: 0.000 min  
Response: 765495921  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



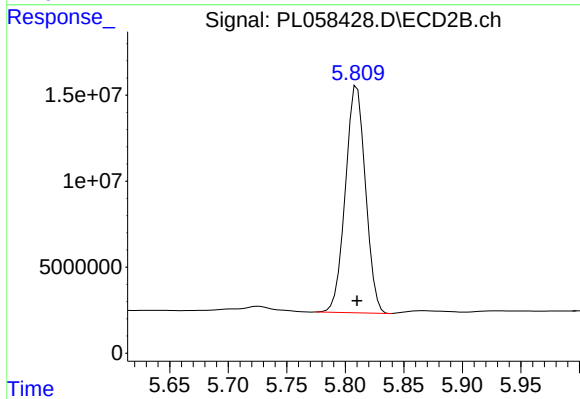
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 130381256  
Conc: 51.86 ng/ml



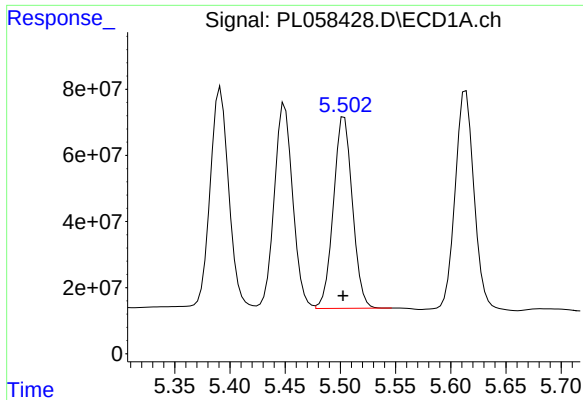
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 794576016  
Conc: 52.31 ng/ml



#8 Heptachlor epoxide

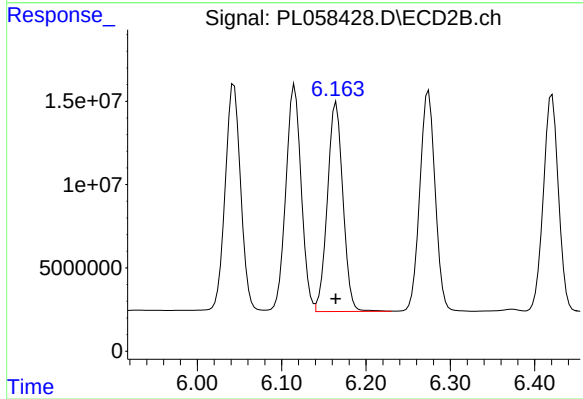
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 157625827  
Conc: 49.23 ng/ml



#9 Endosulfan I

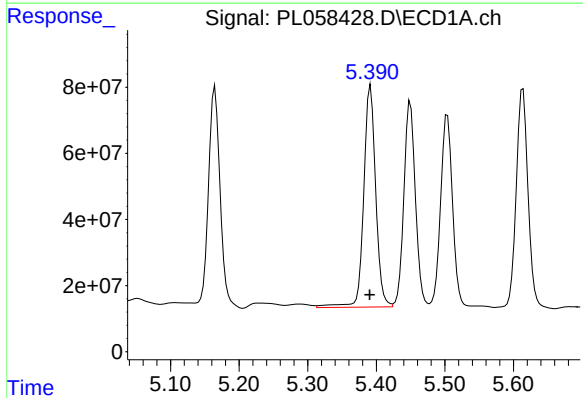
R.T.: 5.504 min  
Delta R.T.: 0.001 min  
Response: 694129440  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



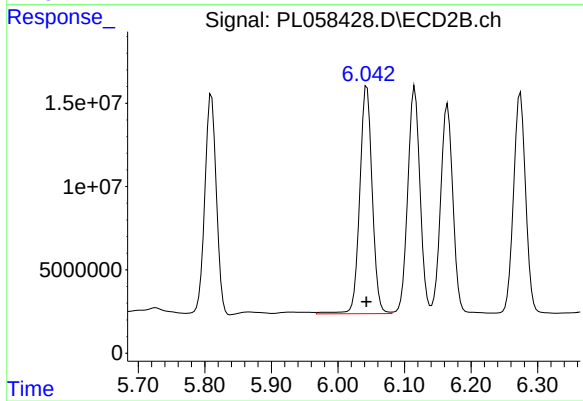
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 160919662  
Conc: 52.03 ng/ml



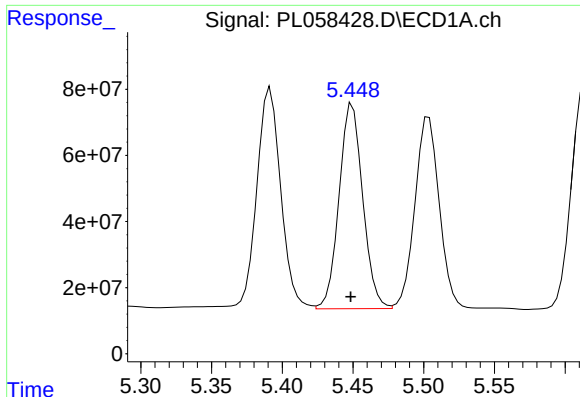
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 815939910  
Conc: 52.99 ng/ml



#10 gamma-Chlordane

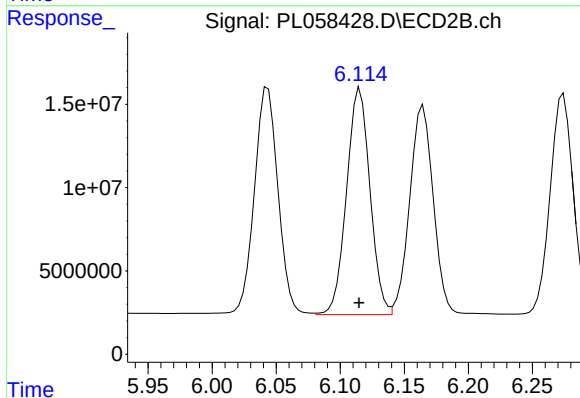
R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 178184719  
Conc: 52.78 ng/ml



#11 alpha-Chlordane

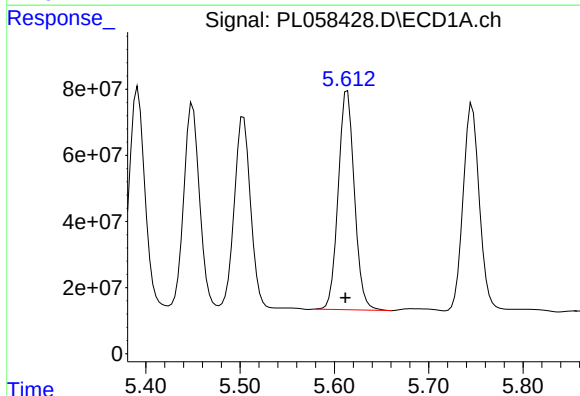
R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 724573638  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



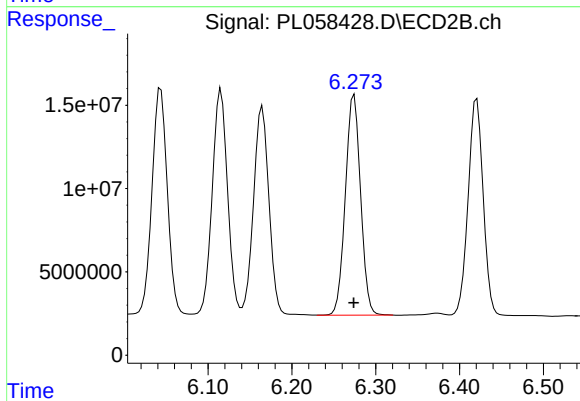
#11 alpha-Chlordane

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 173008690  
Conc: 50.88 ng/ml



#12 4,4'-DDE

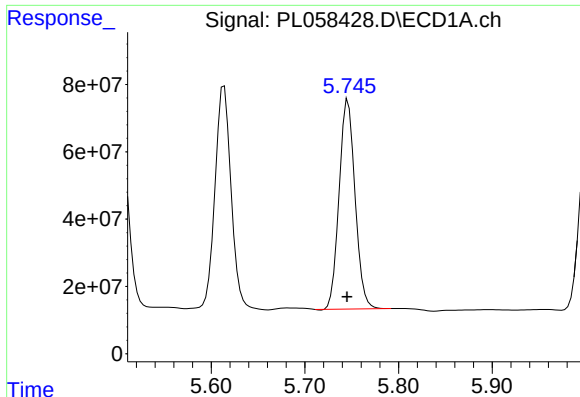
R.T.: 5.614 min  
Delta R.T.: 0.002 min  
Response: 789494179  
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 167305381  
Conc: 54.85 ng/ml

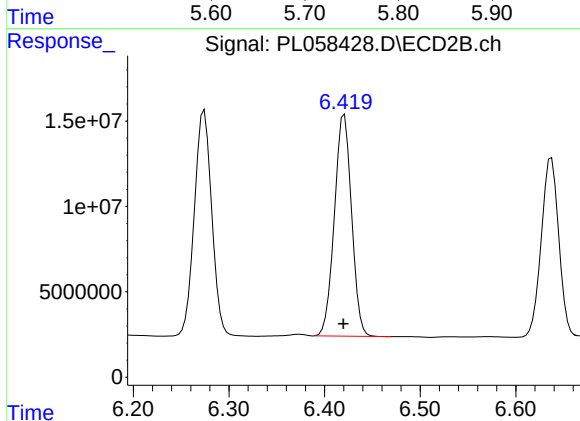




#13 Dieldrin

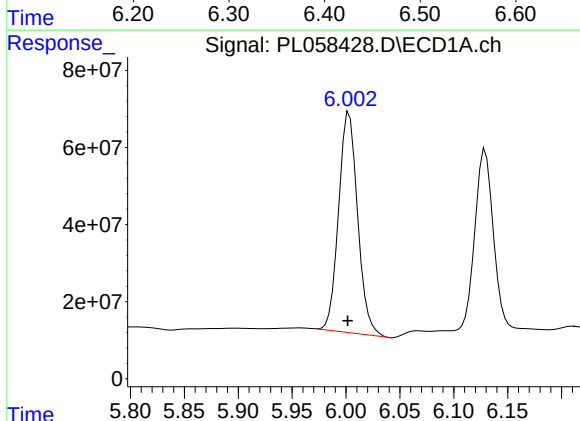
R.T.: 5.746 min  
Delta R.T.: 0.001 min  
Response: 737254702  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



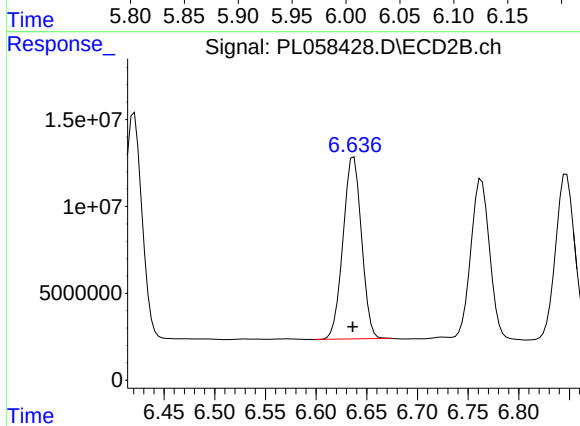
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 161694720  
Conc: 51.66 ng/ml



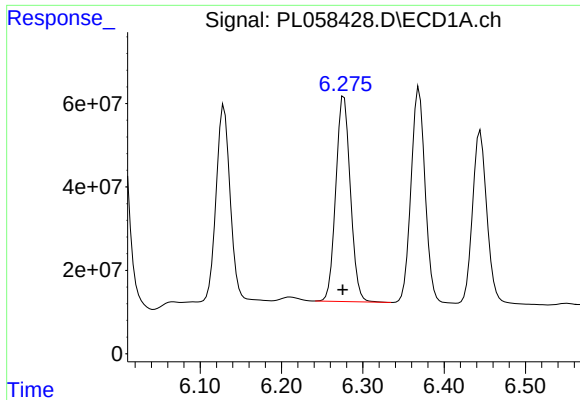
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: 0.001 min  
Response: 703861607  
Conc: 51.78 ng/ml



#14 Endrin

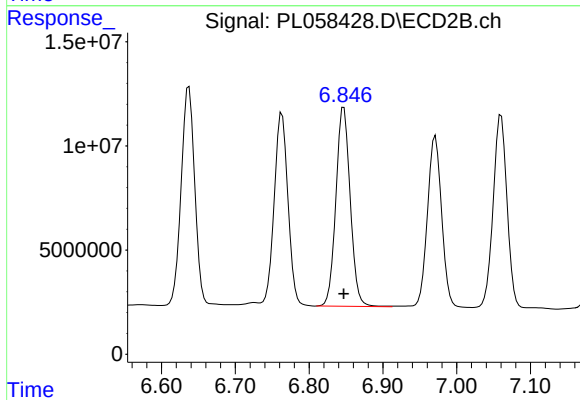
R.T.: 6.637 min  
Delta R.T.: 0.001 min  
Response: 132744039  
Conc: 51.63 ng/ml



#15 Endosulfan II

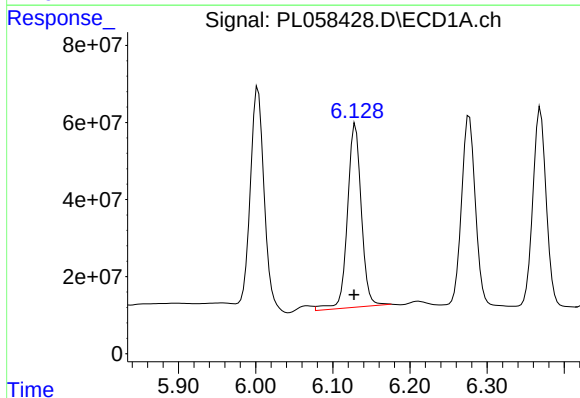
R.T.: 6.277 min  
Delta R.T.: 0.002 min  
Response: 613033904  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



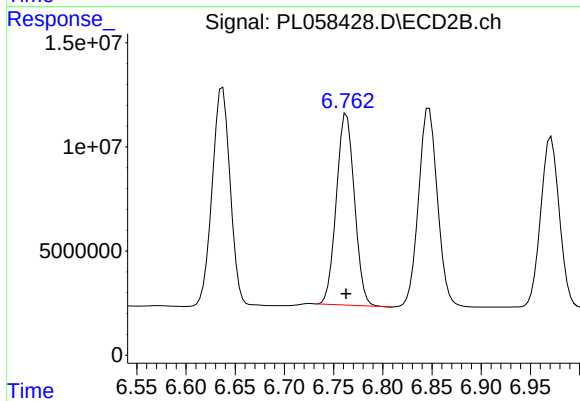
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 129086426  
Conc: 48.44 ng/ml



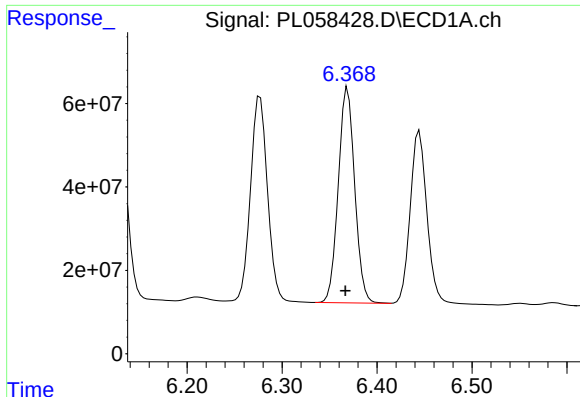
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: 0.002 min  
Response: 591636989  
Conc: 50.45 ng/ml



#16 4,4'-DDD

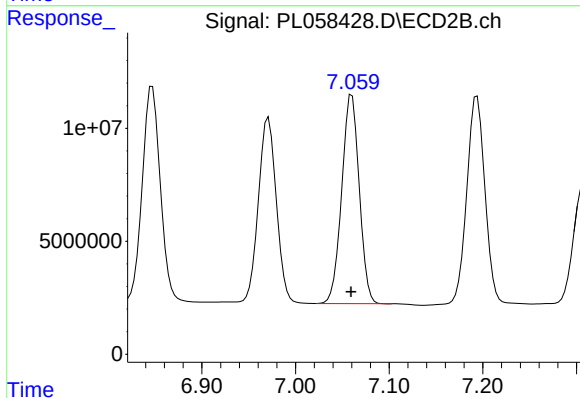
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 117708231  
Conc: 51.79 ng/ml



#17 4,4'-DDT

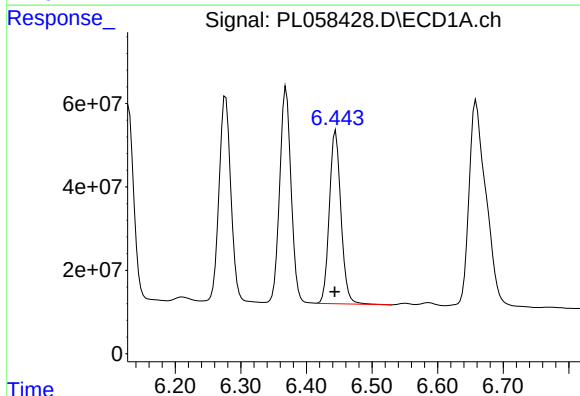
R.T.: 6.369 min  
Delta R.T.: 0.002 min  
Response: 622258798  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



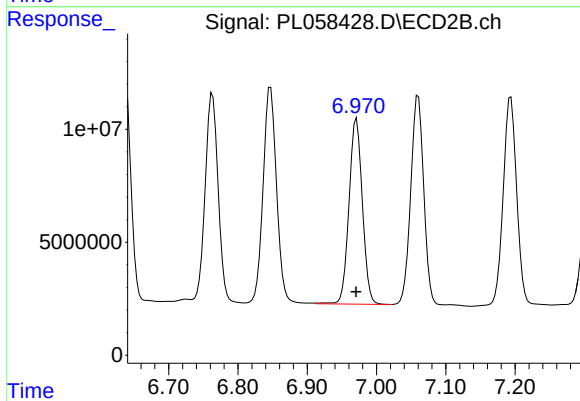
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 120118594  
Conc: 54.86 ng/ml



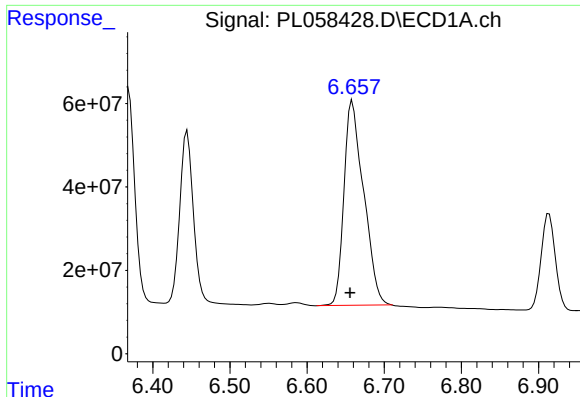
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: 0.002 min  
Response: 511946271  
Conc: 48.26 ng/ml



#18 Endrin aldehyde

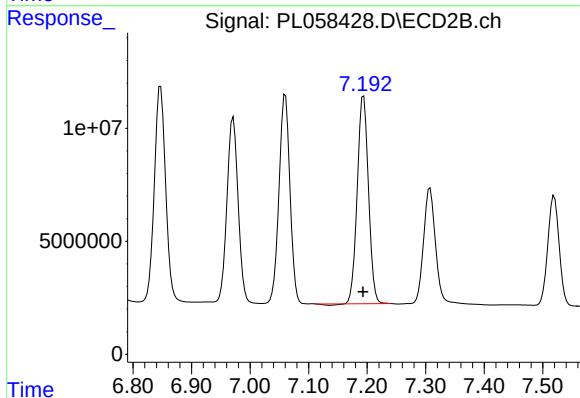
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 110008096  
Conc: 50.46 ng/ml



#19 Endosulfan Sulfate

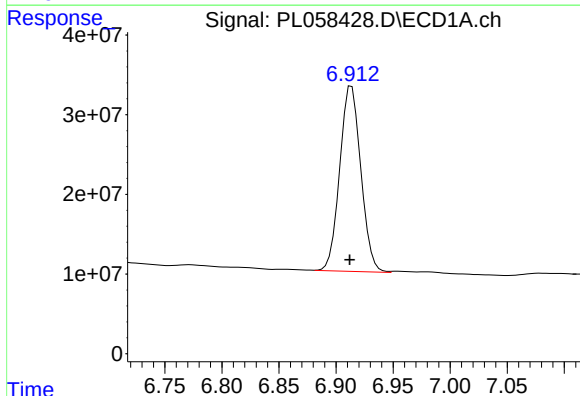
R.T.: 6.659 min  
Delta R.T.: 0.003 min  
Response: 864402273  
Conc: 74.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



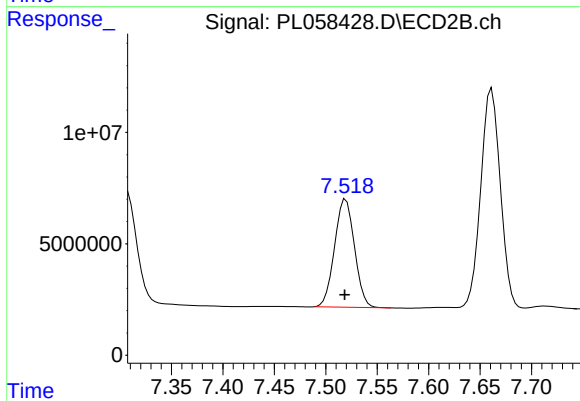
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.001 min  
Response: 122289101  
Conc: 51.71 ng/ml



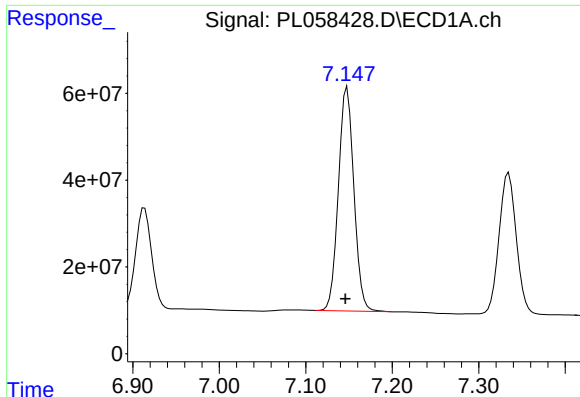
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: 0.002 min  
Response: 299540370  
Conc: 50.41 ng/ml



#20 Methoxychlor

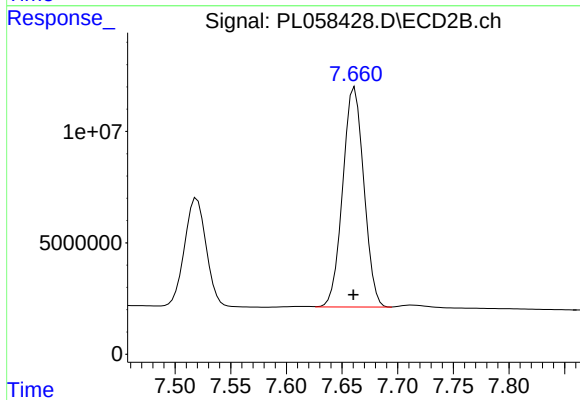
R.T.: 7.519 min  
Delta R.T.: 0.001 min  
Response: 65252848  
Conc: 52.65 ng/ml



#21 Endrin ketone

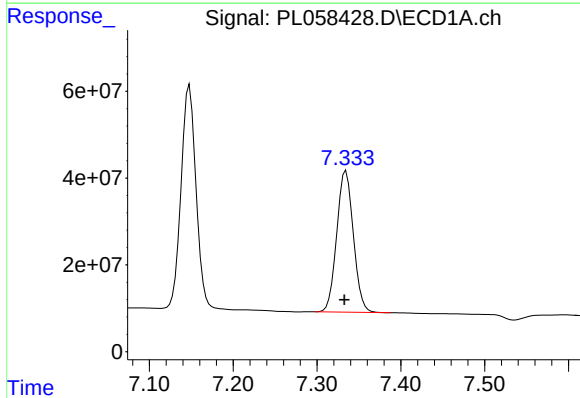
R.T.: 7.148 min  
Delta R.T.: 0.002 min  
Response: 638041385  
Conc: 53.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



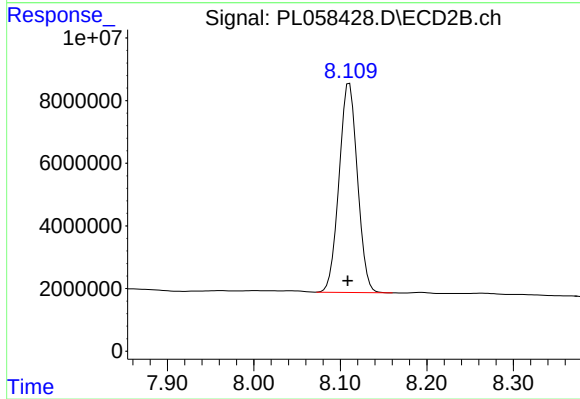
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.001 min  
Response: 130386186  
Conc: 53.49 ng/ml



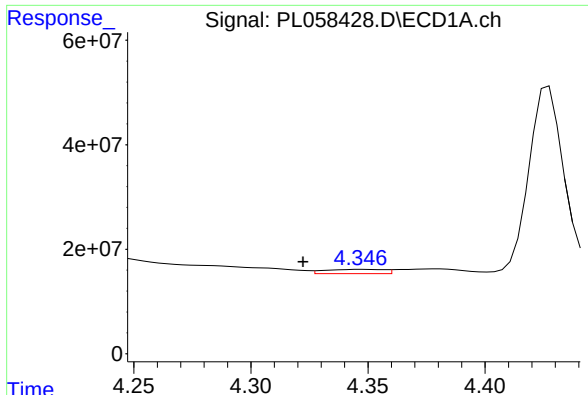
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: 0.002 min  
Response: 448964532  
Conc: 50.74 ng/ml



#22 Mirex

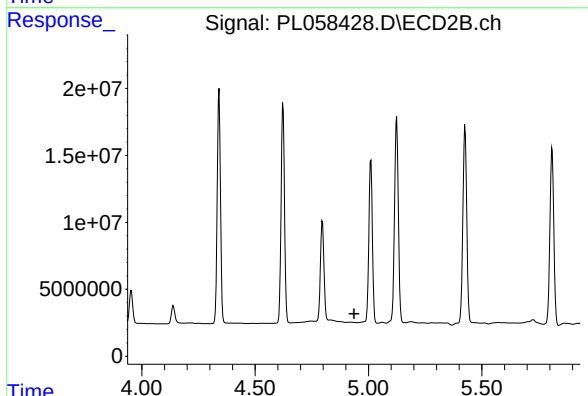
R.T.: 8.110 min  
Delta R.T.: 0.002 min  
Response: 97994030  
Conc: 51.32 ng/ml



#23 Chlordane-1

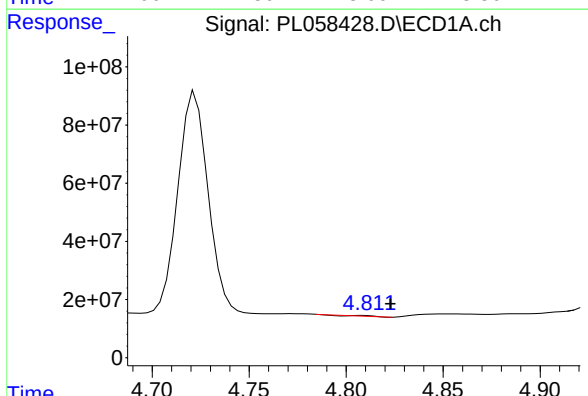
R.T.: 4.348 min  
Delta R.T.: 0.025 min  
Response: 14284632  
Conc: 33.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



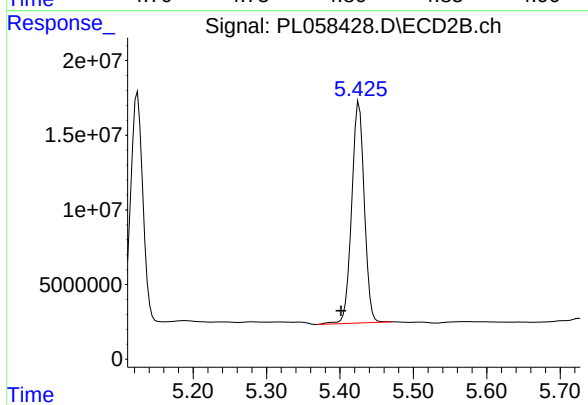
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.936 min  
Response: 0  
Conc: N.D.



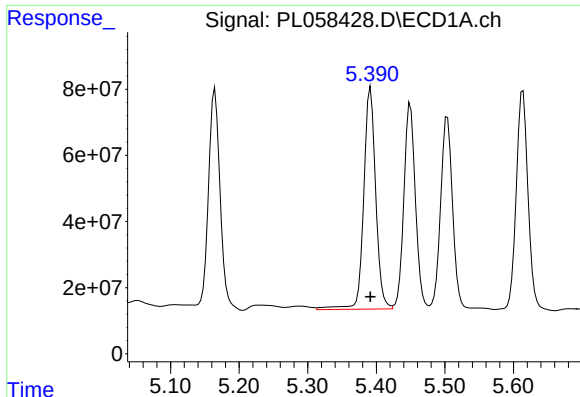
#24 Chlordane-2

R.T.: 4.809 min  
Delta R.T.: -0.014 min  
Response: 1813292  
Conc: 4.37 ng/ml



#24 Chlordane-2

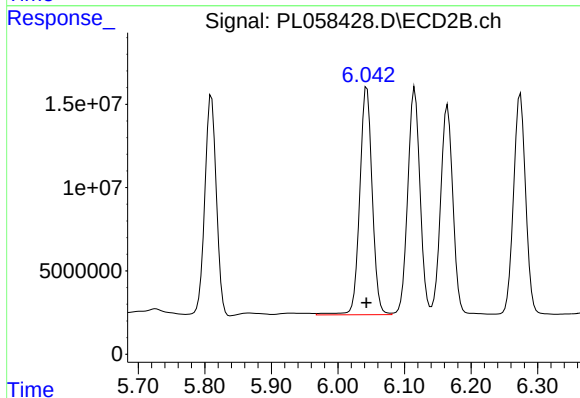
R.T.: 5.426 min  
Delta R.T.: 0.024 min  
Response: 176738923  
Conc: 1782.99 ng/ml



#25 Chlordane-3

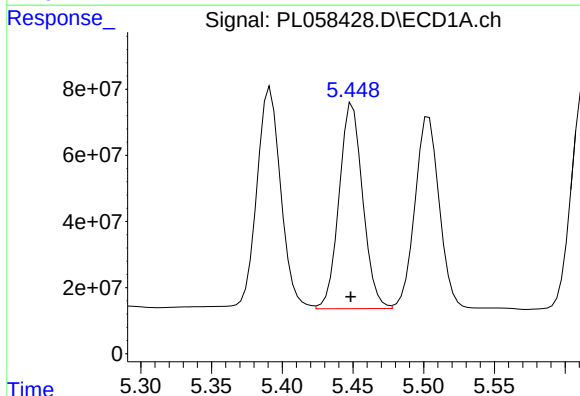
R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 815939910  
Conc: 621.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



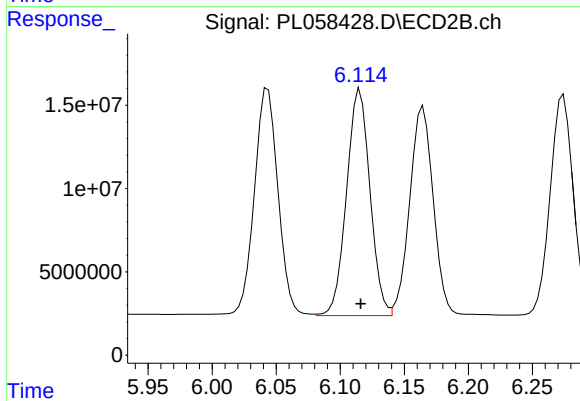
#25 Chlordane-3

R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 178184719  
Conc: 445.51 ng/ml



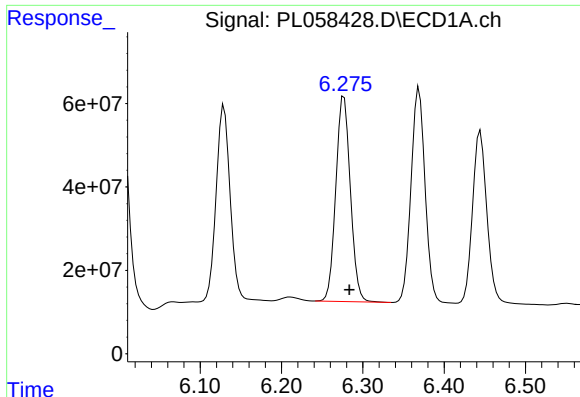
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 724573638  
Conc: 660.13 ng/ml



#26 Chlordane-4

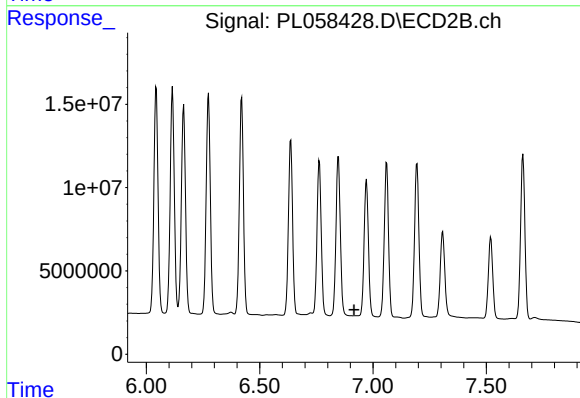
R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 173008690  
Conc: 355.95 ng/ml



#27 Chlordane-5

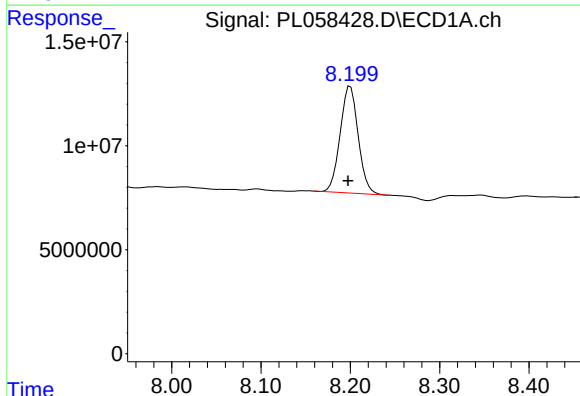
R.T.: 6.277 min  
Delta R.T.: -0.007 min  
Response: 613033904  
Conc: 1507.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MSD



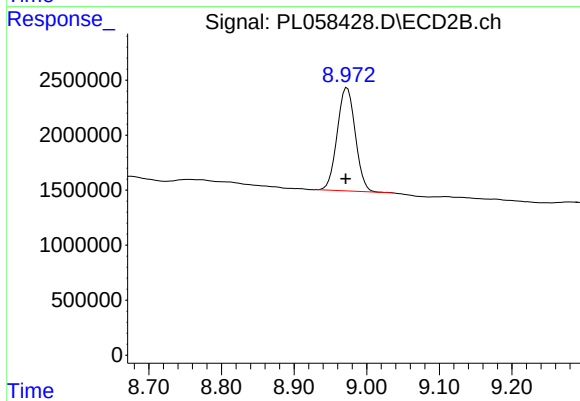
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.916 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: 0.003 min  
Response: 71735492  
Conc: 6.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.002 min  
Response: 16236347  
Conc: 7.32 ng/ml