

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
 Data File : PL058427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2020 16:28  
 Operator : AJ\MA  
 Sample : L2428-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-7MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 01:02:39 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  | 25814996 | 11.037   | 11.944     |
| 28)                         | SA Decachlor... | 8.199  | 8.973  | 71134533 | 16345092 | 6.578    | 7.367      |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.892  | 4.341  | 943.1E6  | 177.7E6  | 51.499   | 53.658     |
| 3)                          | MA gamma-BHC... | 4.175  | 4.624  | 864.3E6  | 173.3E6  | 50.068   | 52.369     |
| 4)                          | MA Heptachlor   | 4.475  | 5.125  | 852.5E6  | 181.9E6  | 48.244   | 52.665     |
| 5)                          | MB Aldrin       | 4.722  | 5.426  | 827.8E6  | 179.4E6  | 49.906   | 53.094     |
| 6)                          | B beta-BHC      | 4.427  | 4.797  | 381.7E6  | 81383229 | 53.413   | 55.856     |
| 7)                          | B delta-BHC     | 4.631  | 5.011  | 768.0E6  | 130.6E6  | 45.206   | 51.941     |
| 8)                          | B Heptachlo...  | 5.165  | 5.811  | 816.6E6  | 158.6E6  | 53.765   | 49.536     |
| 9)                          | A Endosulfan I  | 5.503  | 6.165  | 698.0E6  | 164.5E6  | 49.445   | 53.184     |
| 10)                         | B gamma-Chl...  | 5.392  | 6.044  | 826.4E6  | 182.5E6  | 53.671   | 54.068     |
| 11)                         | B alpha-Chl...  | 5.450  | 6.116  | 730.9E6  | 176.8E6  | 48.195   | 52.006     |
| 12)                         | B 4,4'-DDE      | 5.613  | 6.275  | 791.2E6  | 170.1E6  | 52.329   | 55.760     |
| 13)                         | MA Dieldrin     | 5.746  | 6.421  | 725.9E6  | 163.4E6  | 48.689   | 52.220     |
| 14)                         | MA Endrin       | 6.003  | 6.637  | 709.7E6  | 131.7E6  | 52.208   | 51.218     |
| 15)                         | B Endosulfa...  | 6.276  | 6.848  | 612.4E6  | 129.8E6  | 48.404   | 48.697     |
| 16)                         | A 4,4'-DDD      | 6.129  | 6.764  | 586.1E6  | 116.8E6  | 49.979   | 51.389     |
| 17)                         | MA 4,4'-DDT     | 6.368  | 7.060  | 624.8E6  | 126.8E6  | 53.548   | 57.909     |
| 18)                         | B Endrin al...  | 6.445  | 6.971  | 519.9E6  | 114.5E6  | 49.015   | 52.513     |
| 19)                         | B Endosulfa...  | 6.658  | 7.194  | 821.4E6  | 120.8E6  | 70.817   | 51.068 #   |
| 20)                         | A Methoxychlor  | 6.914  | 7.519  | 294.1E6  | 65599066 | 49.499   | 52.926     |
| 21)                         | B Endrin ke...  | 7.148  | 7.661  | 637.0E6  | 131.4E6  | 53.763   | 53.915     |
| 22)                         | Mirex           | 7.334  | 8.110  | 450.1E6  | 97590901 | 50.871   | 51.104     |
| 23)                         | Chlordane-1     | 4.349f | 0.000  | 16356772 | 0        | 38.053   | N.D. #     |
| 24)                         | Chlordane-2     | 4.809  | 5.426f | 2403058  | 179.4E6  | 5.787    | 1810.136 # |
| 25)                         | Chlordane-3     | 5.392  | 6.044  | 826.4E6  | 182.5E6  | 629.216  | 456.333 #  |
| 26)                         | Chlordane-4     | 5.450  | 6.116  | 730.9E6  | 176.8E6  | 665.901  | 363.853 #  |
| 27)                         | Chlordane-5     | 6.276  | 0.000  | 612.4E6  | 0        | 1505.664 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

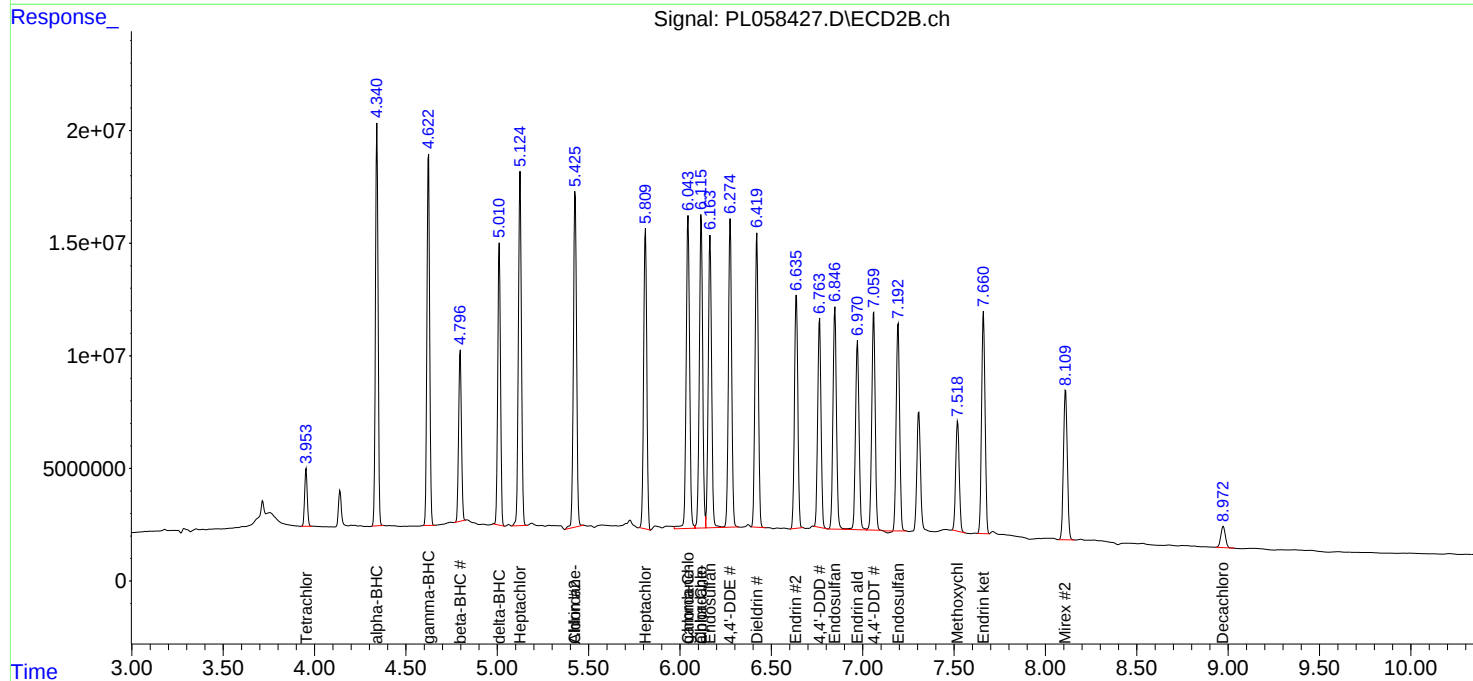
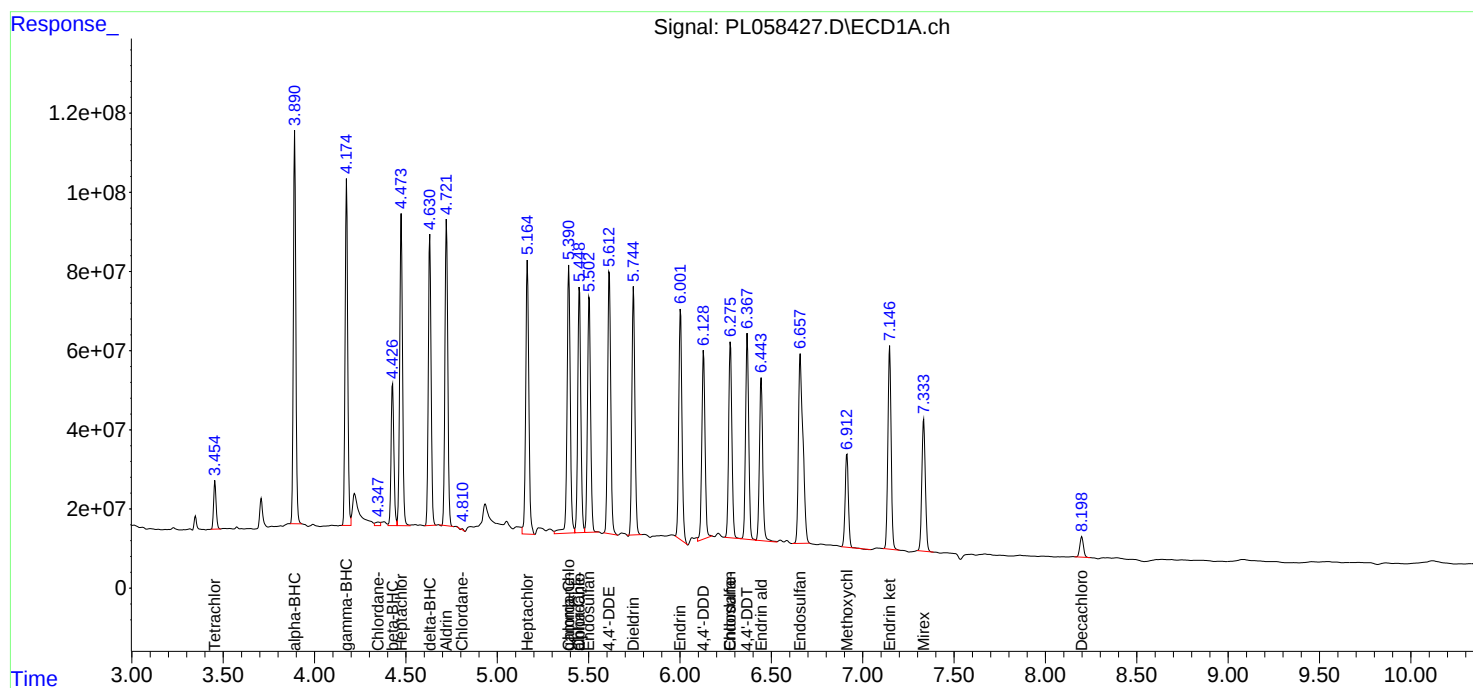
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

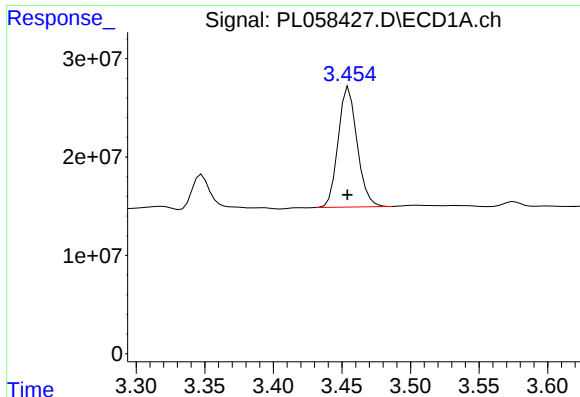
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042820\  
Data File : PL058427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2020 16:28  
Operator : AJ\MA  
Sample : L2428-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 01:02:39 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

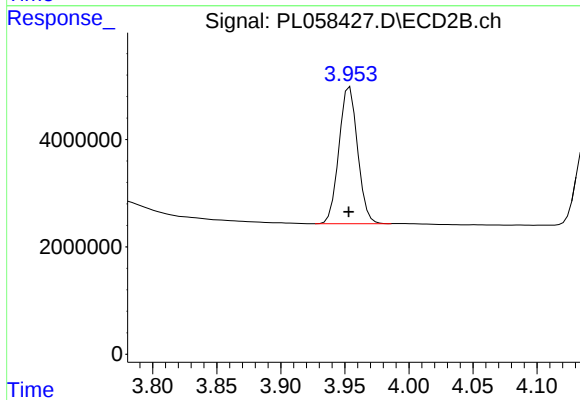




#1 Tetrachloro-m-xylene

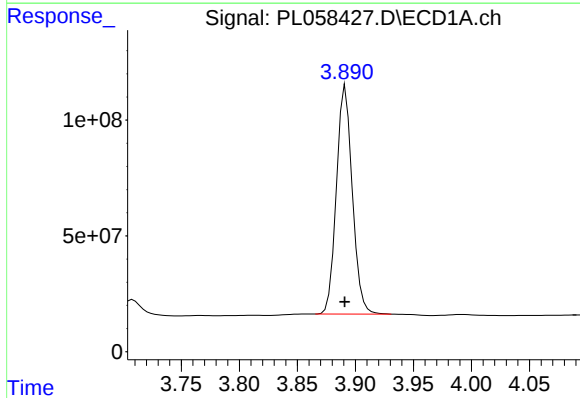
R.T.: 3.455 min  
Delta R.T.: 0.001 min  
Response: 117461590  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



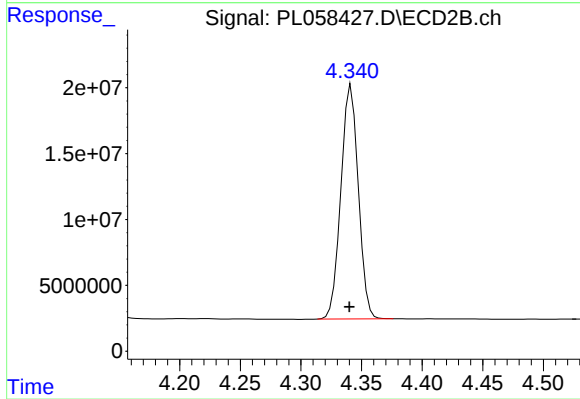
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 25814996  
Conc: 11.94 ng/ml



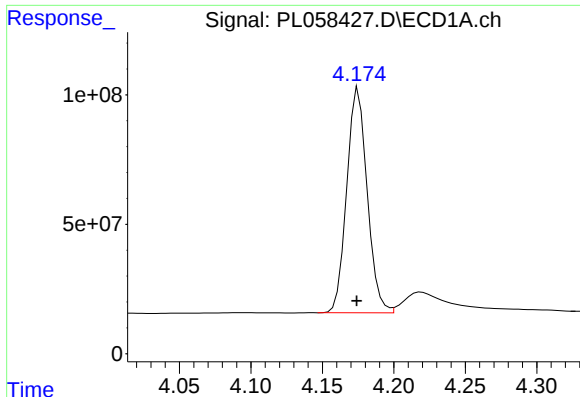
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: 0.000 min  
Response: 943144369  
Conc: 51.50 ng/ml



#2 alpha-BHC

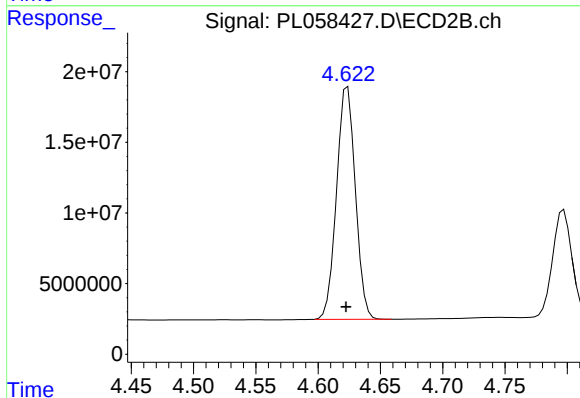
R.T.: 4.341 min  
Delta R.T.: 0.001 min  
Response: 177698715  
Conc: 53.66 ng/ml



#3 gamma-BHC (Lindane)

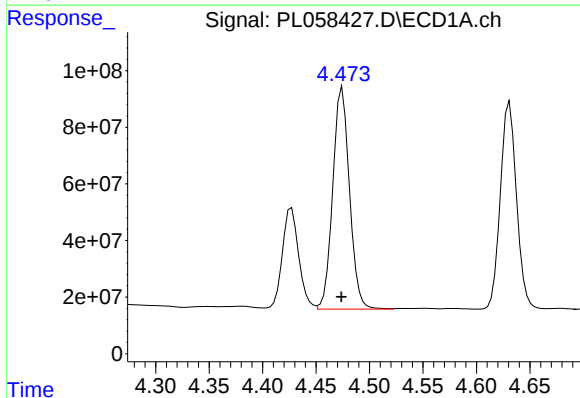
R.T.: 4.175 min  
Delta R.T.: 0.001 min  
Response: 864326860  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



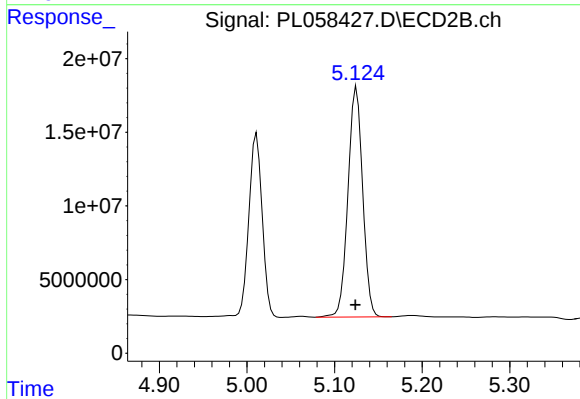
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: 0.001 min  
Response: 173268323  
Conc: 52.37 ng/ml



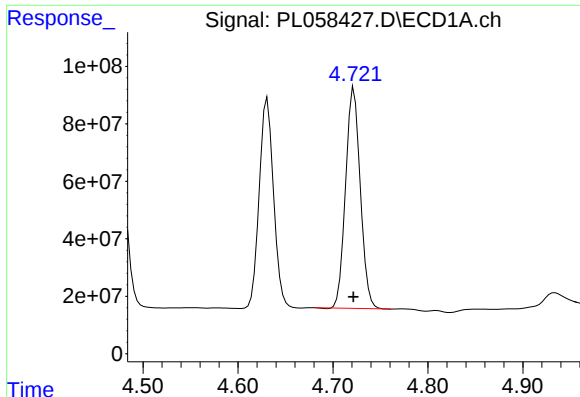
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 852464920  
Conc: 48.24 ng/ml



#4 Heptachlor

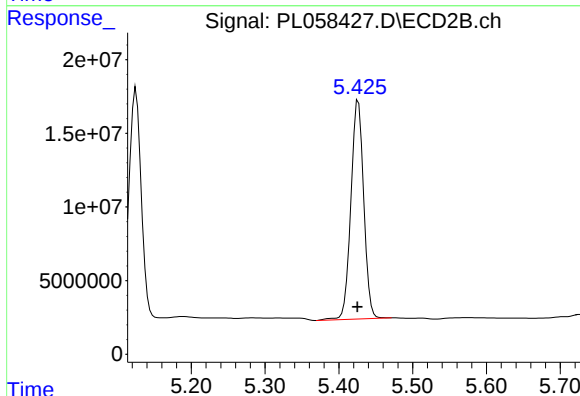
R.T.: 5.125 min  
Delta R.T.: 0.001 min  
Response: 181922313  
Conc: 52.67 ng/ml



#5 Aldrin

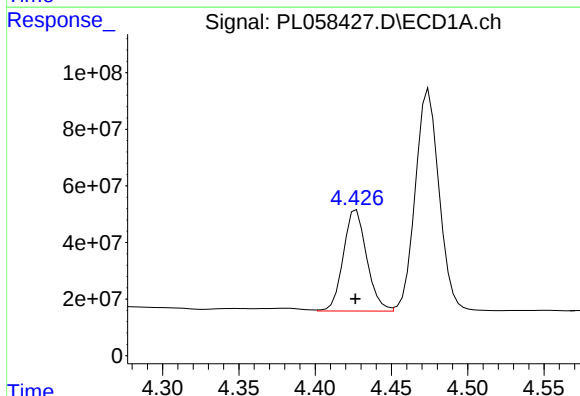
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 827763364  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



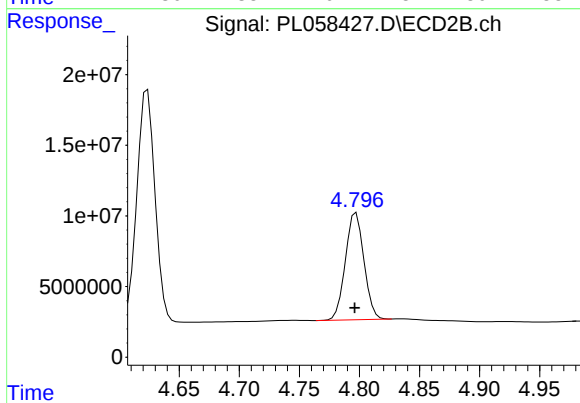
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: 0.001 min  
Response: 179429963  
Conc: 53.09 ng/ml



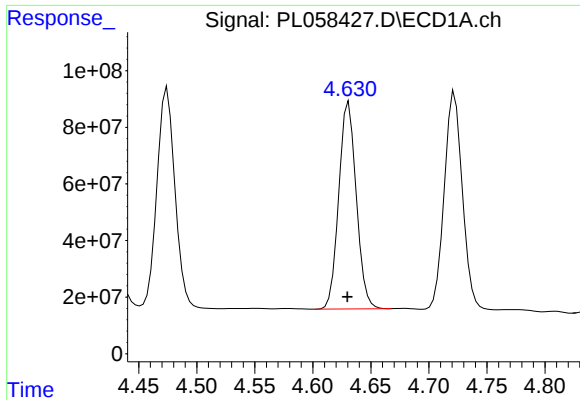
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 381733209  
Conc: 53.41 ng/ml



#6 beta-BHC

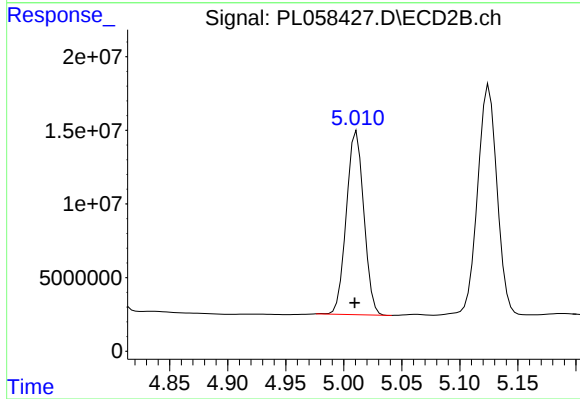
R.T.: 4.797 min  
Delta R.T.: 0.001 min  
Response: 81383229  
Conc: 55.86 ng/ml



#7 delta-BHC

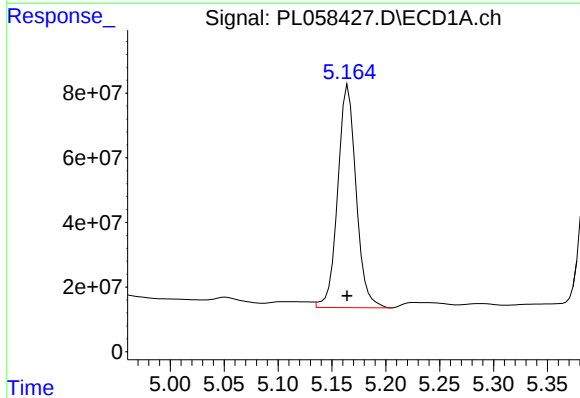
R.T.: 4.631 min  
Delta R.T.: 0.001 min  
Response: 768005170  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



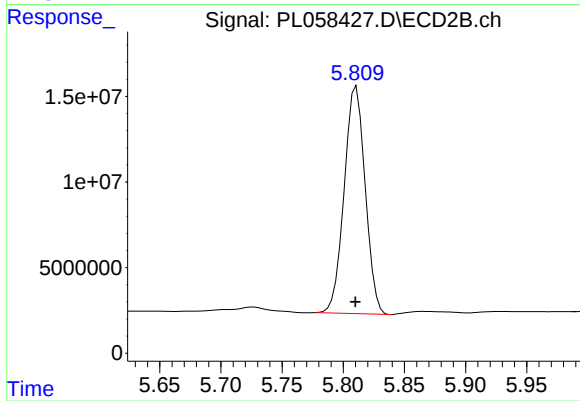
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: 0.002 min  
Response: 130584308  
Conc: 51.94 ng/ml



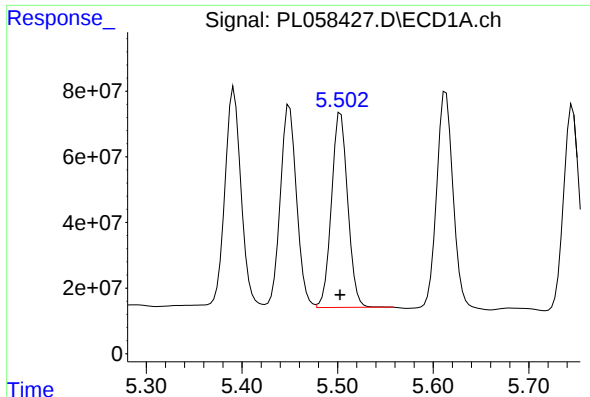
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 816617726  
Conc: 53.77 ng/ml



#8 Heptachlor epoxide

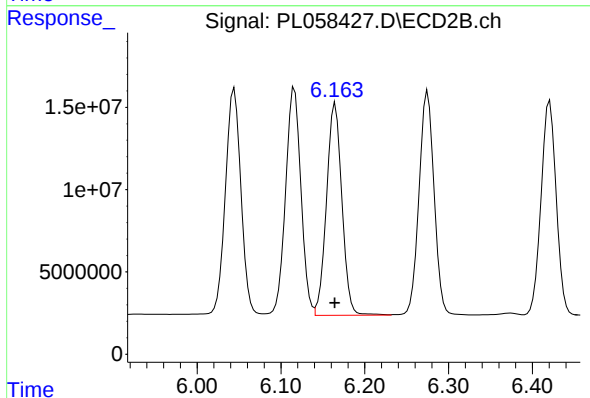
R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 158603113  
Conc: 49.54 ng/ml



#9 Endosulfan I

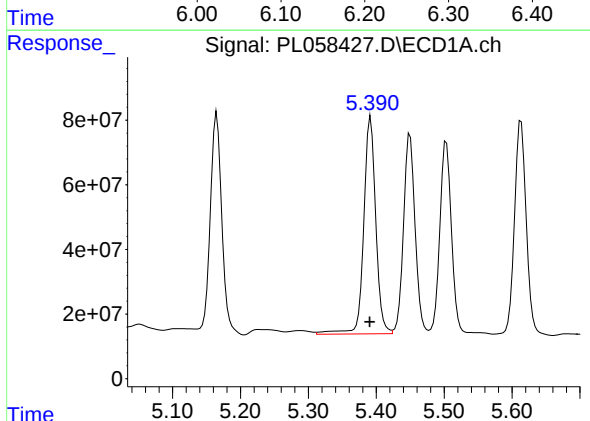
R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 697982197  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



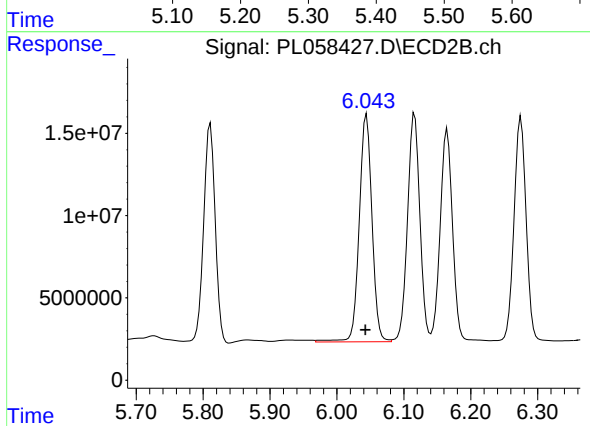
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 164496368  
Conc: 53.18 ng/ml



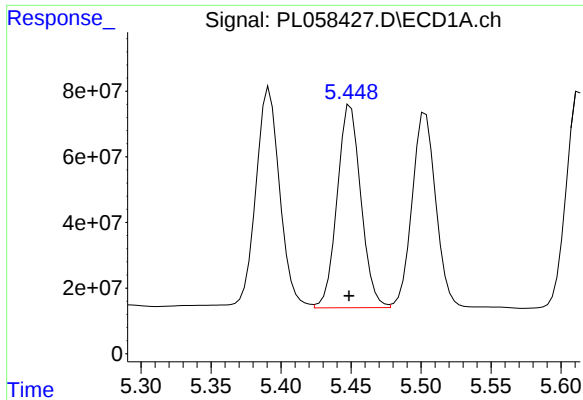
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 826448565  
Conc: 53.67 ng/ml



#10 gamma-Chlordane

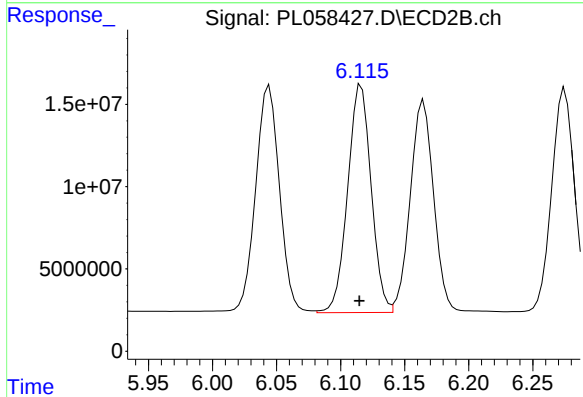
R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 182515362  
Conc: 54.07 ng/ml



#11 alpha-Chlordane

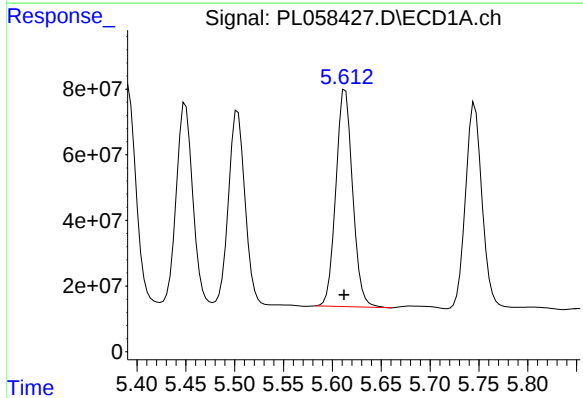
R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 730907031  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



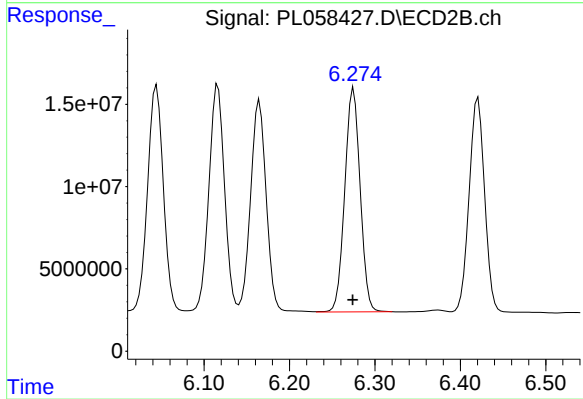
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 176849218  
Conc: 52.01 ng/ml



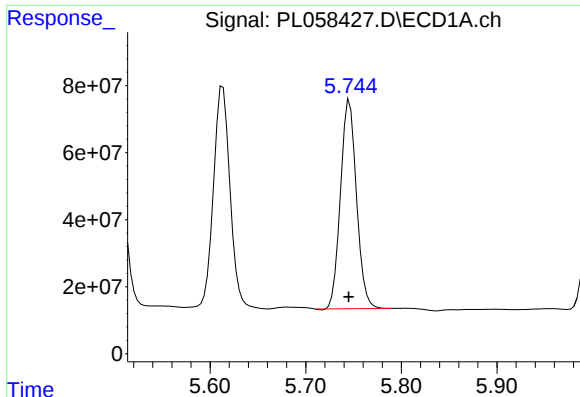
#12 4,4'-DDE

R.T.: 5.613 min  
Delta R.T.: 0.002 min  
Response: 791210957  
Conc: 52.33 ng/ml



#12 4,4'-DDE

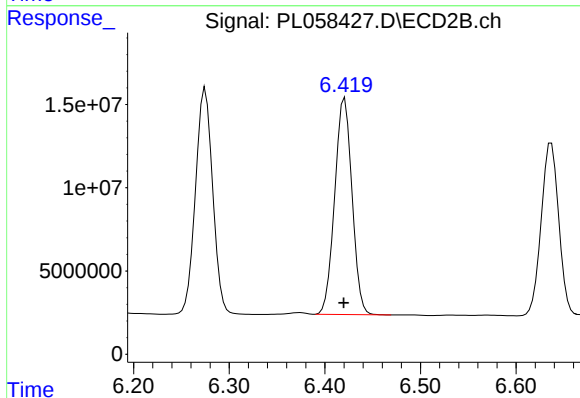
R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 170092664  
Conc: 55.76 ng/ml



#13 Dieldrin

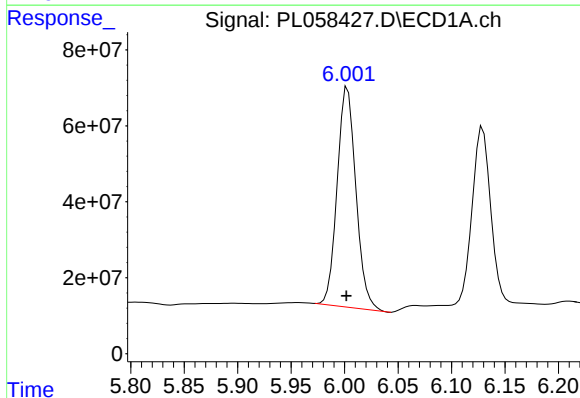
R.T.: 5.746 min  
Delta R.T.: 0.000 min  
Response: 725907981  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



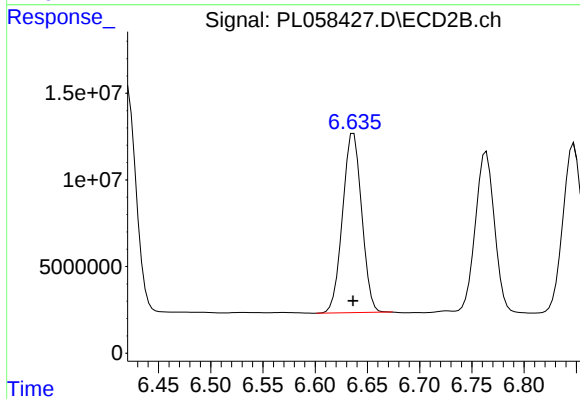
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: 0.001 min  
Response: 163441177  
Conc: 52.22 ng/ml



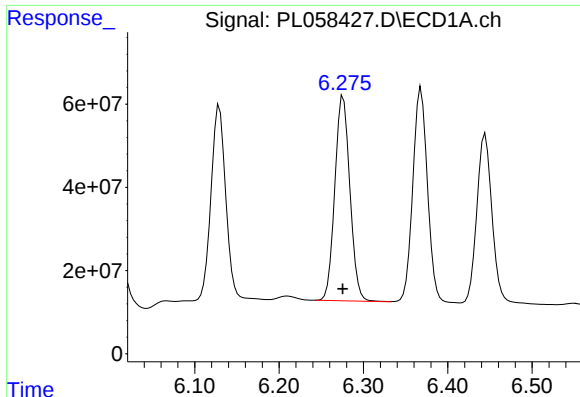
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: 0.001 min  
Response: 709703827  
Conc: 52.21 ng/ml



#14 Endrin

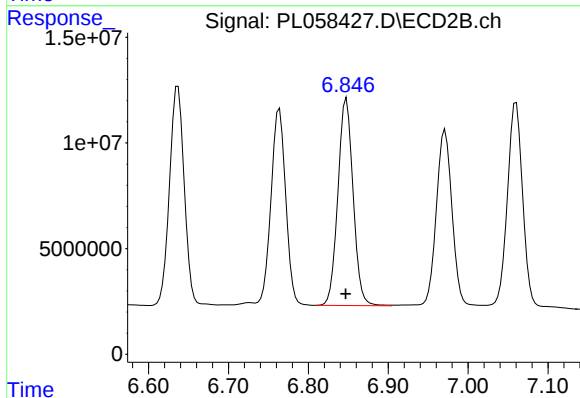
R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 131682413  
Conc: 51.22 ng/ml



#15 Endosulfan II

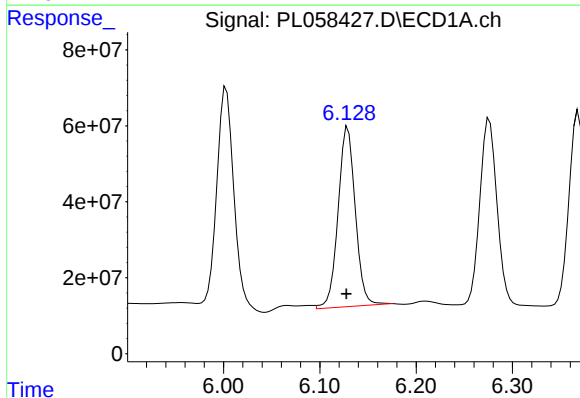
R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 612432057  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



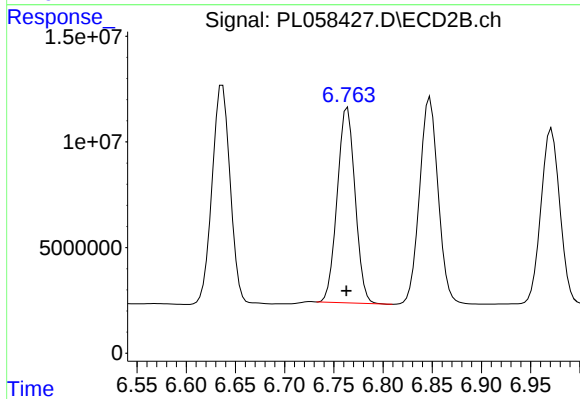
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: 0.001 min  
Response: 129760445  
Conc: 48.70 ng/ml



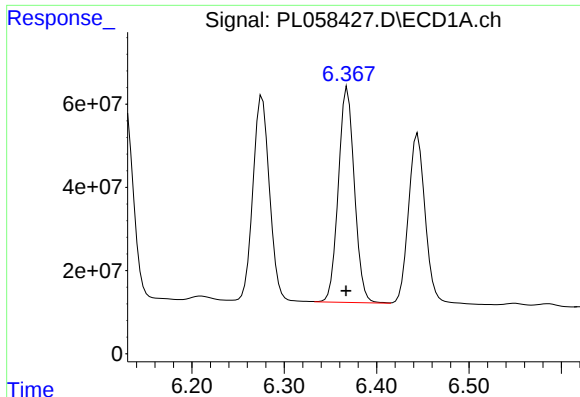
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: 0.002 min  
Response: 586100348  
Conc: 49.98 ng/ml



#16 4,4'-DDD

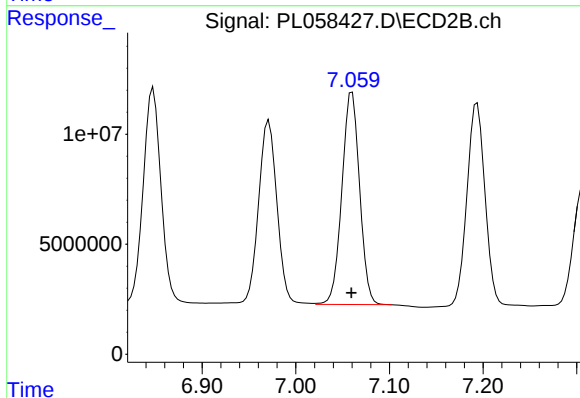
R.T.: 6.764 min  
Delta R.T.: 0.001 min  
Response: 116798919  
Conc: 51.39 ng/ml



#17 4,4'-DDT

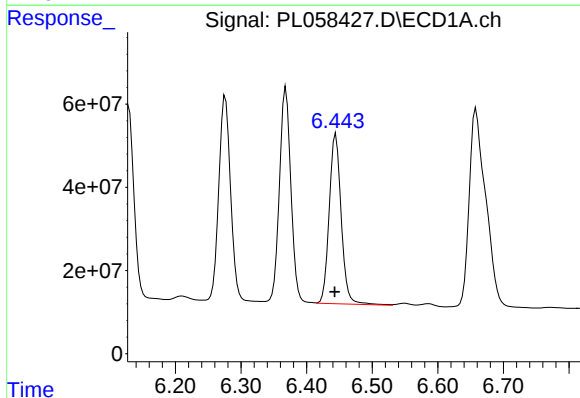
R.T.: 6.368 min  
Delta R.T.: 0.001 min  
Response: 624841973  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



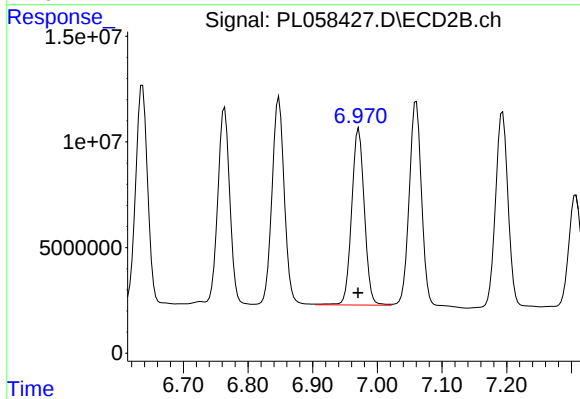
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 126799859  
Conc: 57.91 ng/ml



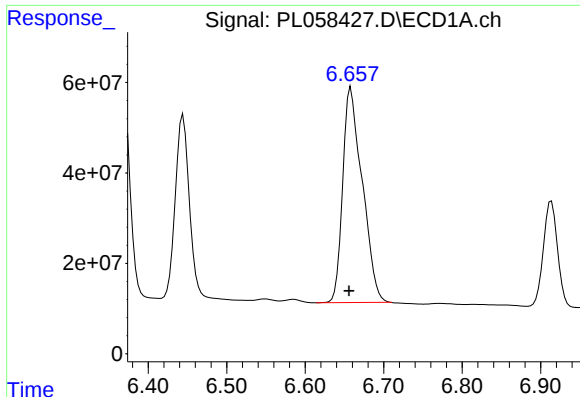
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: 0.002 min  
Response: 519917727  
Conc: 49.02 ng/ml



#18 Endrin aldehyde

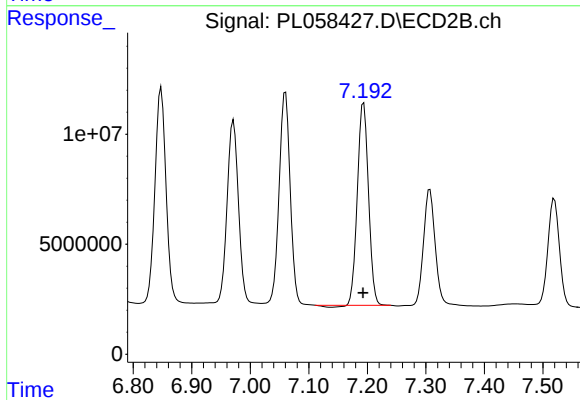
R.T.: 6.971 min  
Delta R.T.: 0.001 min  
Response: 114492181  
Conc: 52.51 ng/ml



#19 Endosulfan Sulfate

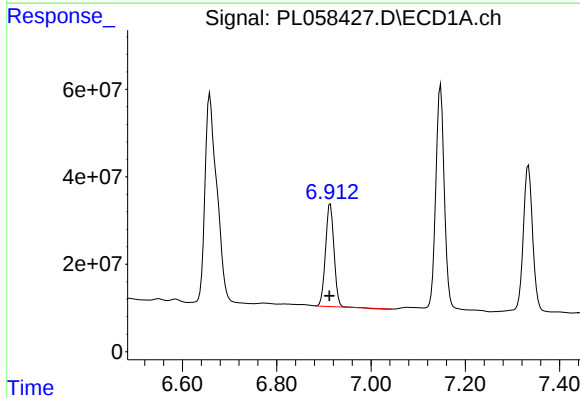
R.T.: 6.658 min  
Delta R.T.: 0.002 min  
Response: 821403237  
Conc: 70.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



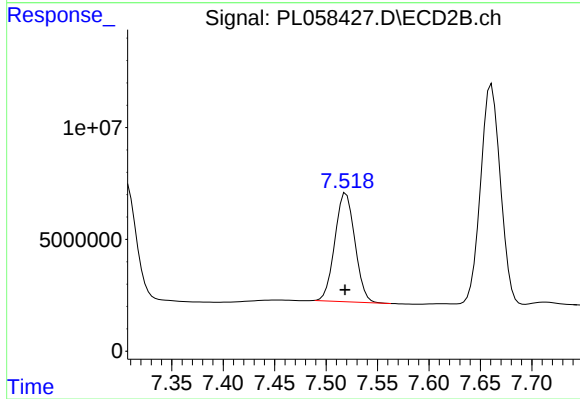
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 120770900  
Conc: 51.07 ng/ml



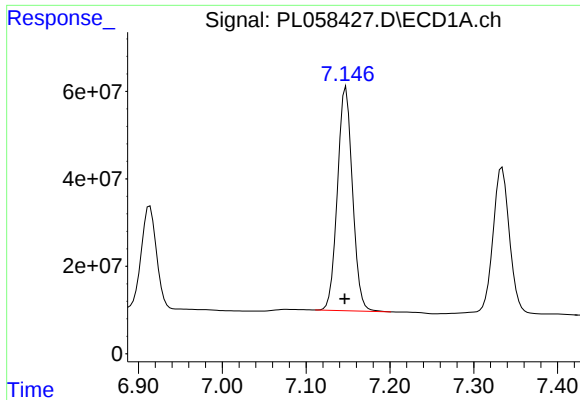
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: 0.002 min  
Response: 294110515  
Conc: 49.50 ng/ml



#20 Methoxychlor

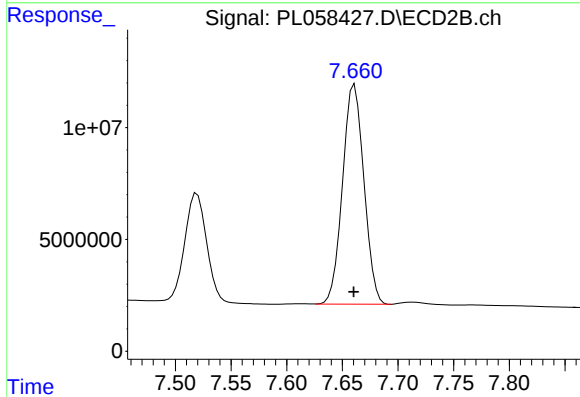
R.T.: 7.519 min  
Delta R.T.: 0.001 min  
Response: 65599066  
Conc: 52.93 ng/ml



#21 Endrin ketone

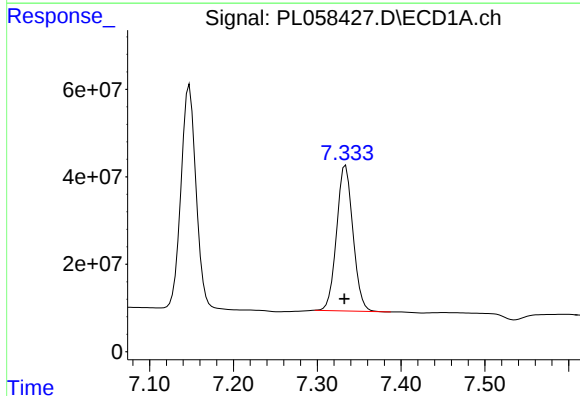
R.T.: 7.148 min  
Delta R.T.: 0.001 min  
Response: 637035092  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



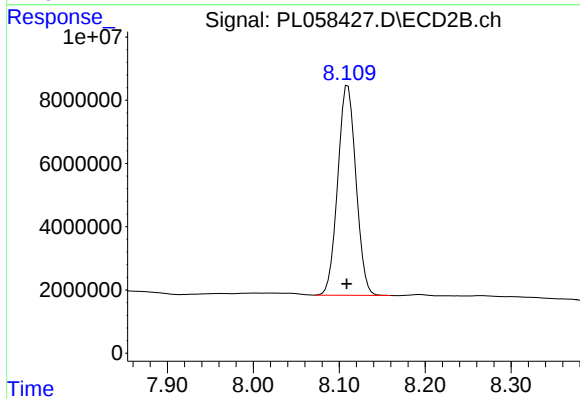
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 131433359  
Conc: 53.91 ng/ml



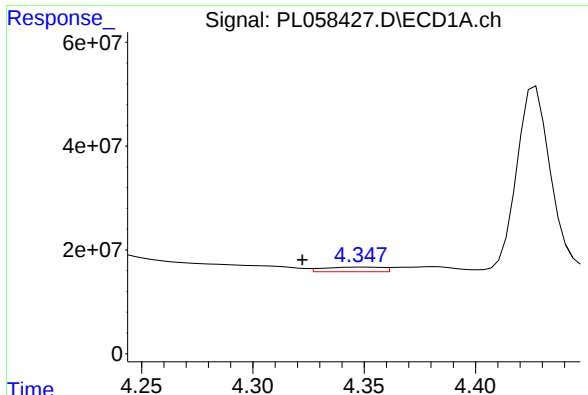
#22 Mirex

R.T.: 7.334 min  
Delta R.T.: 0.001 min  
Response: 450099837  
Conc: 50.87 ng/ml



#22 Mirex

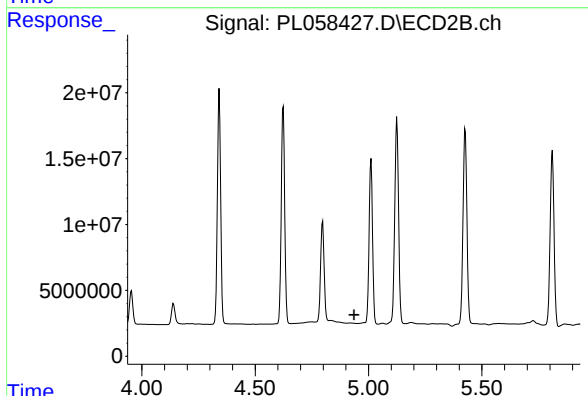
R.T.: 8.110 min  
Delta R.T.: 0.001 min  
Response: 97590901  
Conc: 51.10 ng/ml



#23 Chlordane-1

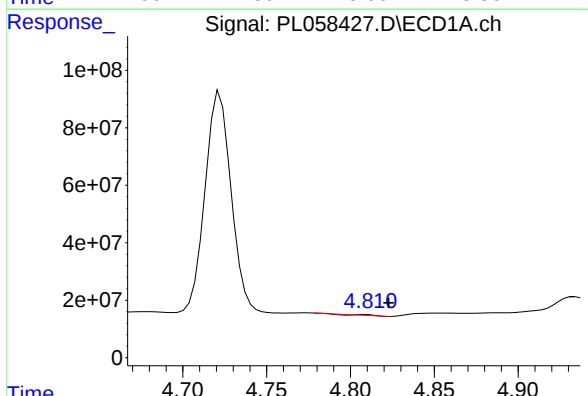
R.T.: 4.349 min  
Delta R.T.: 0.027 min  
Response: 16356772  
Conc: 38.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



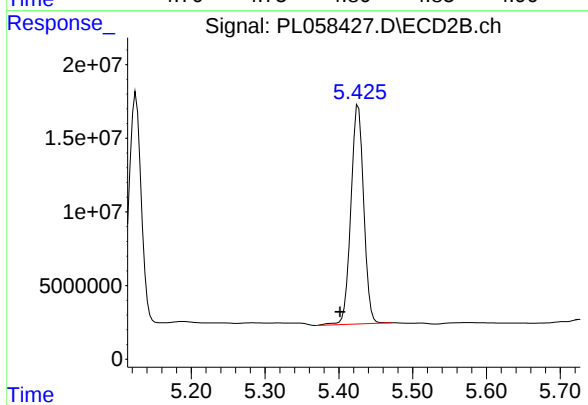
#23 Chlordane-1

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



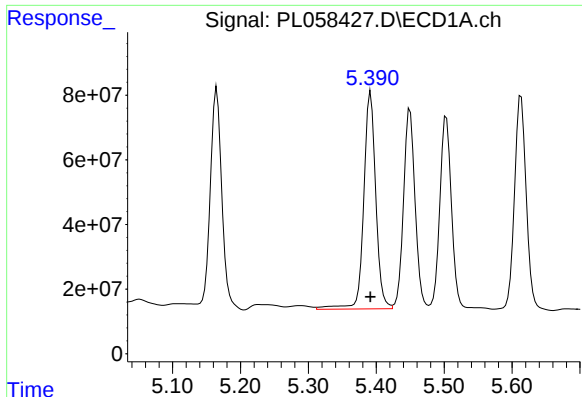
#24 Chlordane-2

R.T.: 4.809 min  
Delta R.T.: -0.014 min  
Response: 2403058  
Conc: 5.79 ng/ml



#24 Chlordane-2

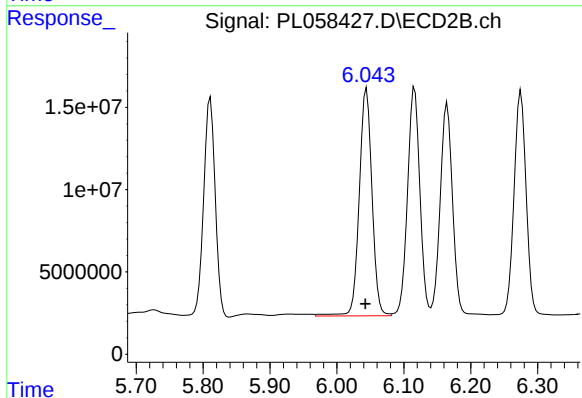
R.T.: 5.426 min  
Delta R.T.: 0.025 min  
Response: 179429963  
Conc: 1810.14 ng/ml



#25 Chlordane-3

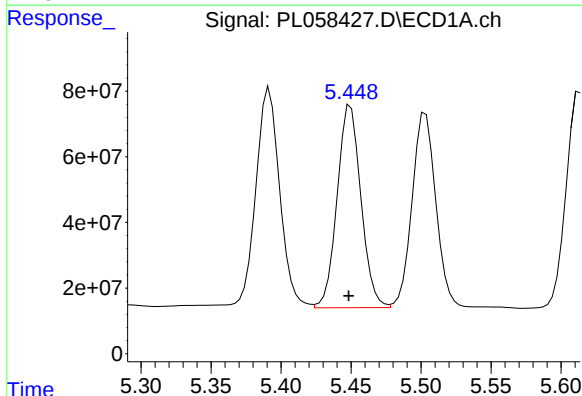
R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 826448565  
Conc: 629.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



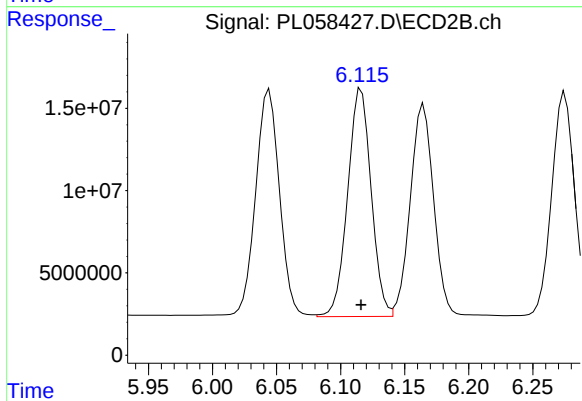
#25 Chlordane-3

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 182515362  
Conc: 456.33 ng/ml



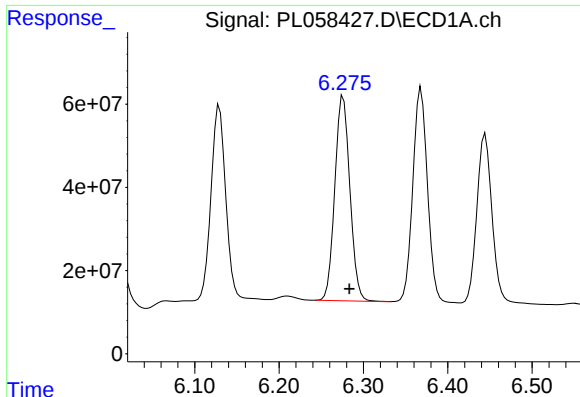
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: 0.001 min  
Response: 730907031  
Conc: 665.90 ng/ml



#26 Chlordane-4

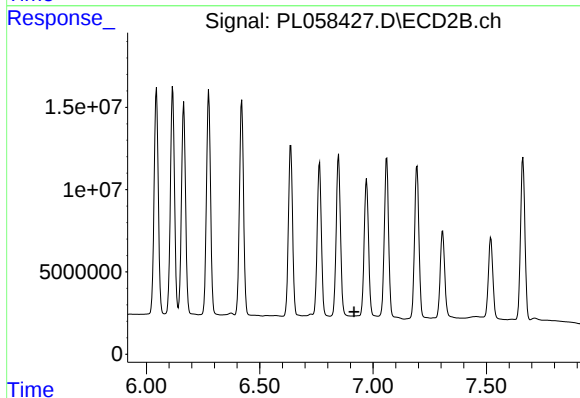
R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 176849218  
Conc: 363.85 ng/ml



#27 Chlordane-5

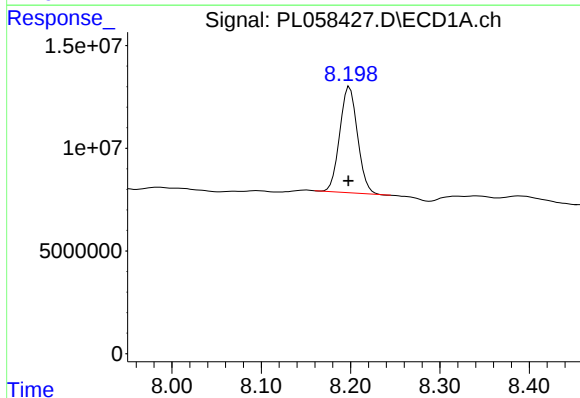
R.T.: 6.276 min  
Delta R.T.: -0.007 min  
Response: 612432057  
Conc: 1505.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-7MS



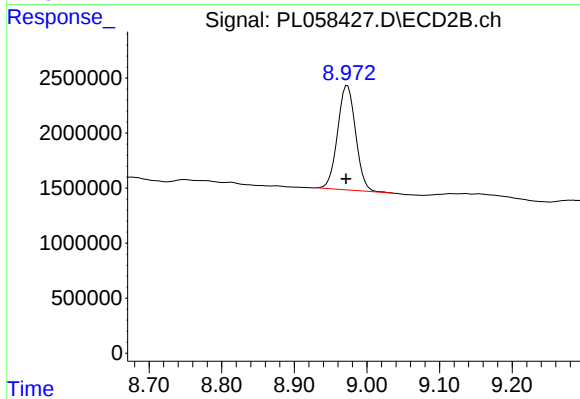
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.002 min  
Response: 71134533  
Conc: 6.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.002 min  
Response: 16345092  
Conc: 7.37 ng/ml