

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040320\  
 Data File : PL057772.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2020 16:05  
 Operator : AJ\MA  
 Sample : PB128002BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB128002BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 06:58:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.457  | 3.956  | 207.4E6 | 43302303 | 20.569   | 19.954     |
| 28)                         | SA Decachlor... | 8.205  | 8.979  | 226.5E6 | 48641855 | 21.971   | 21.776     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.894  | 4.343  | 899.7E6 | 163.5E6  | 51.792   | 49.794     |
| 3)                          | MA gamma-BHC... | 4.178  | 4.626  | 792.9E6 | 159.6E6  | 54.552   | 49.118     |
| 4)                          | MA Heptachlor   | 4.478  | 5.128  | 852.7E6 | 172.7E6  | 53.194   | 51.448     |
| 5)                          | MB Aldrin       | 4.726  | 5.429  | 792.8E6 | 168.3E6  | 53.838   | 51.971     |
| 6)                          | B beta-BHC      | 4.430  | 4.799  | 348.1E6 | 74404259 | 55.113   | 53.582     |
| 7)                          | B delta-BHC     | 4.633  | 5.013  | 786.7E6 | 133.9E6  | 51.836   | 53.395     |
| 8)                          | B Heptachlo...  | 5.168  | 5.814  | 723.0E6 | 151.4E6  | 53.797   | 56.068     |
| 9)                          | A Endosulfan I  | 5.508  | 6.168  | 673.8E6 | 155.7E6  | 54.978   | 52.203     |
| 10)                         | B gamma-Chl...  | 5.396  | 6.048  | 736.1E6 | 171.1E6  | 54.198   | 52.812     |
| 11)                         | B alpha-Chl...  | 5.454  | 6.119  | 707.6E6 | 168.3E6  | 53.140   | 51.433     |
| 12)                         | B 4,4'-DDE      | 5.618  | 6.278  | 714.4E6 | 157.2E6  | 54.537   | 53.099     |
| 13)                         | MA Dieldrin     | 5.750  | 6.424  | 720.2E6 | 159.7E6  | 55.364   | 52.248     |
| 14)                         | MA Endrin       | 6.007  | 6.640  | 637.0E6 | 129.7E6  | 54.570   | 51.905     |
| 15)                         | B Endosulfa...  | 6.281  | 6.851  | 582.6E6 | 128.7E6  | 52.663   | 49.603     |
| 16)                         | A 4,4'-DDD      | 6.133  | 6.767  | 547.4E6 | 120.0E6  | 54.767   | 52.601     |
| 17)                         | MA 4,4'-DDT     | 6.373  | 7.063  | 561.2E6 | 115.5E6  | 55.296   | 51.846     |
| 18)                         | B Endrin al...  | 6.449  | 6.975  | 496.8E6 | 112.3E6  | 53.131   | 50.540     |
| 19)                         | B Endosulfa...  | 6.662  | 7.197  | 572.1E6 | 123.5E6  | 56.314   | 52.024     |
| 20)                         | A Methoxychlor  | 6.919  | 7.524  | 286.4E6 | 64591055 | 51.950   | 50.778     |
| 21)                         | B Endrin ke...  | 7.152  | 7.665  | 624.4E6 | 129.7E6  | 56.083   | 52.455     |
| 22)                         | Mirex           | 7.339  | 8.115  | 454.7E6 | 96646973 | 55.471   | 52.565     |
| 23)                         | Chlordane-1     | 4.353f | 0.000  | 2220652 | 0        | 6.004    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829  | 5.429f | 2156568 | 168.3E6  | 5.342    | 1612.622 # |
| 25)                         | Chlordane-3     | 5.396  | 6.048  | 736.1E6 | 171.1E6  | 602.050  | 395.458 #  |
| 26)                         | Chlordane-4     | 5.454  | 6.119  | 707.6E6 | 168.3E6  | 680.241  | 320.625 #  |
| 27)                         | Chlordane-5     | 6.281  | 0.000  | 582.6E6 | 0        | 1540.055 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

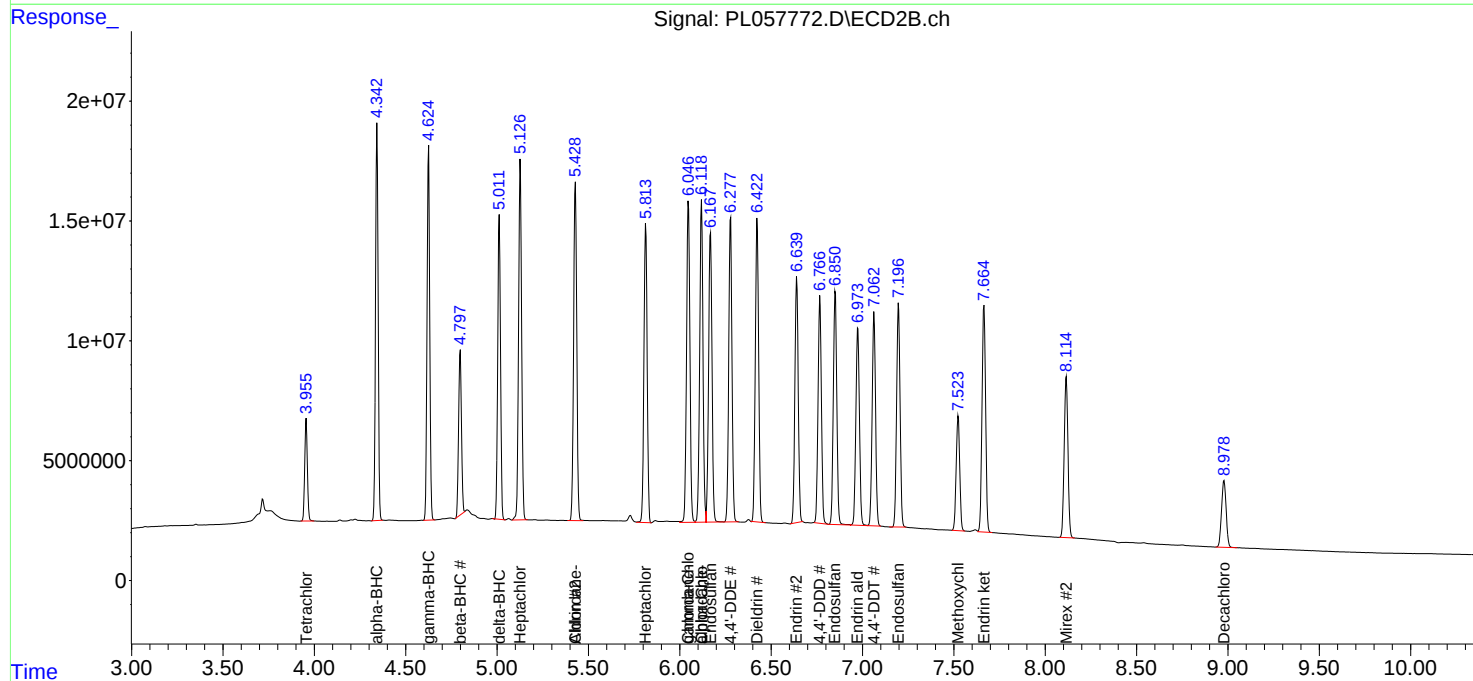
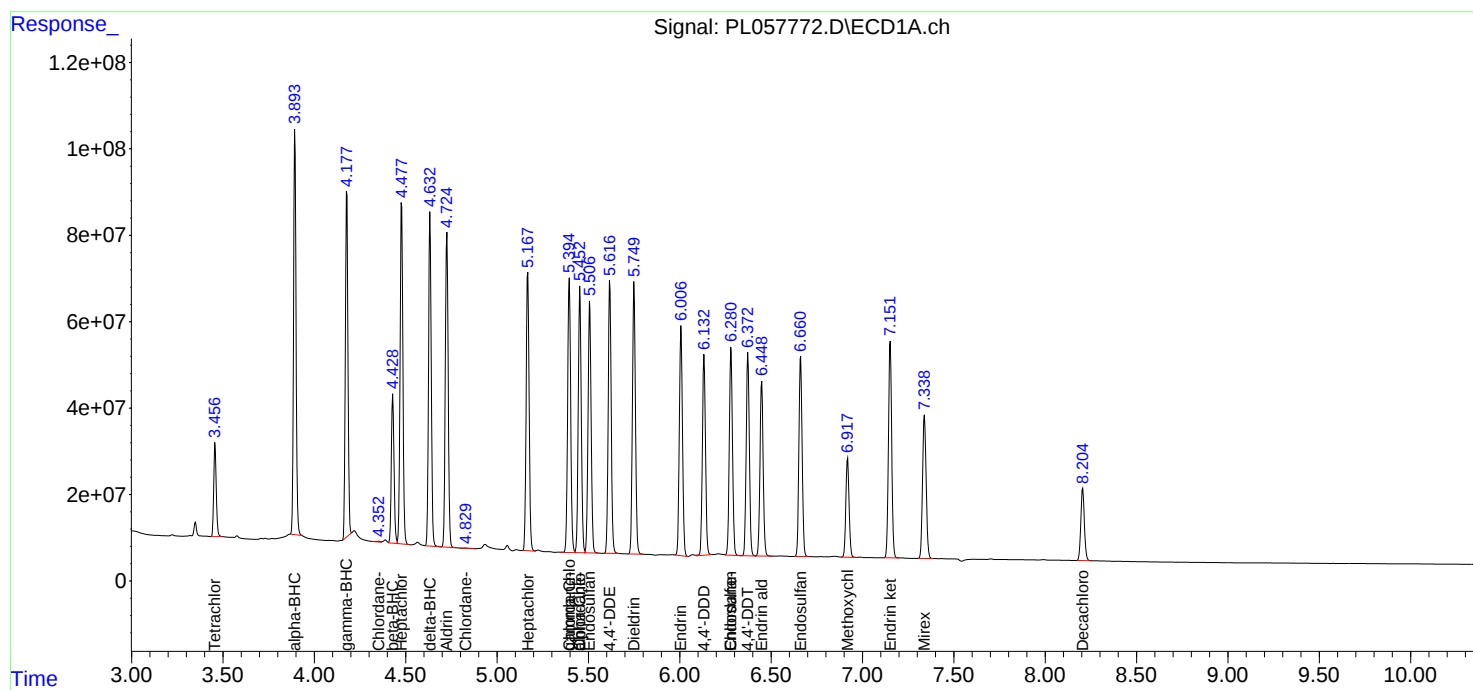
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

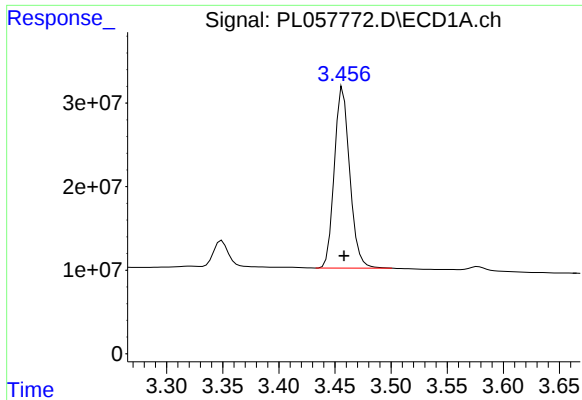
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040320\  
Data File : PL057772.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2020 16:05  
Operator : AJ\MA  
Sample : PB128002BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB128002BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 06:58:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

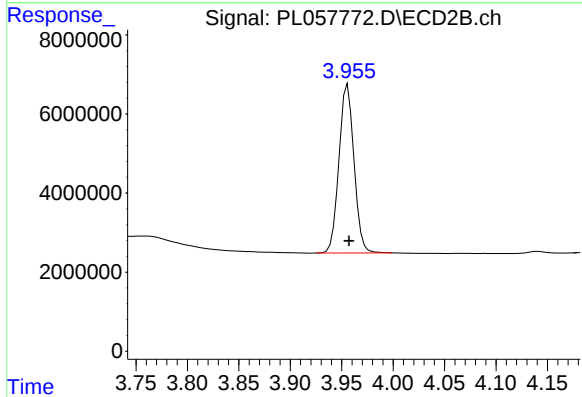




#1 Tetrachloro-m-xylene

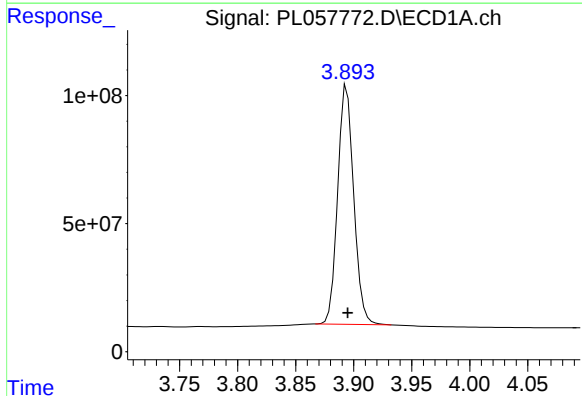
R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 207359450  
Conc: 20.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



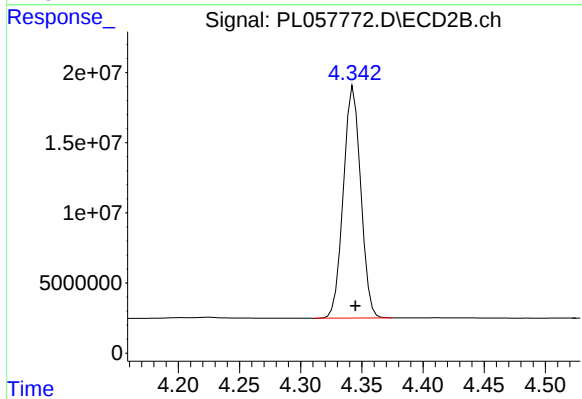
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 43302303  
Conc: 19.95 ng/ml



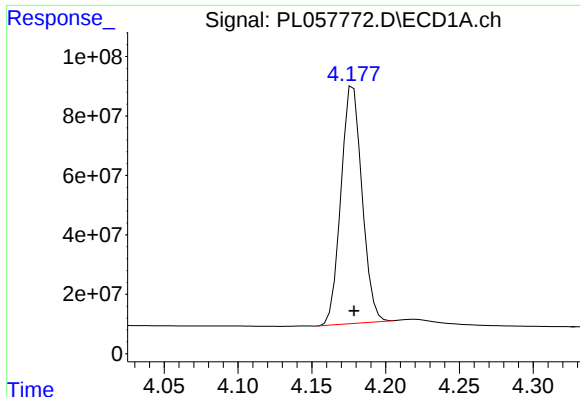
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 899717762  
Conc: 51.79 ng/ml



#2 alpha-BHC

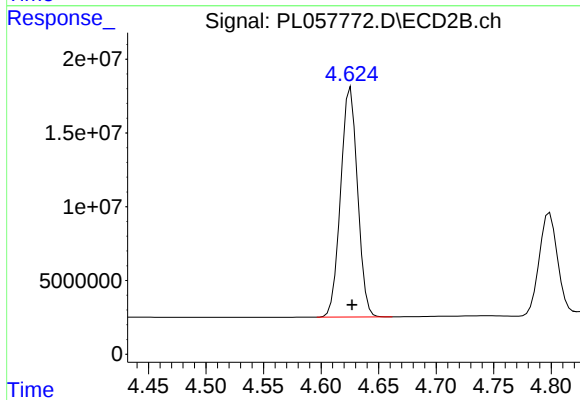
R.T.: 4.343 min  
Delta R.T.: -0.001 min  
Response: 163505989  
Conc: 49.79 ng/ml



#3 gamma-BHC (Lindane)

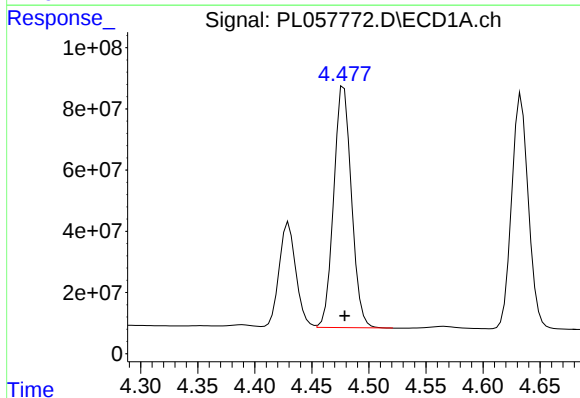
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 792927111  
Conc: 54.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



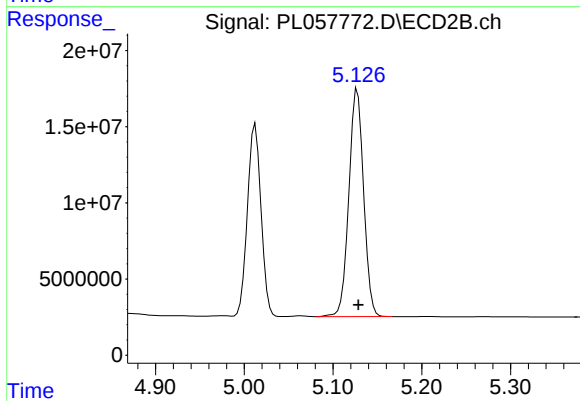
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.001 min  
Response: 159563462  
Conc: 49.12 ng/ml



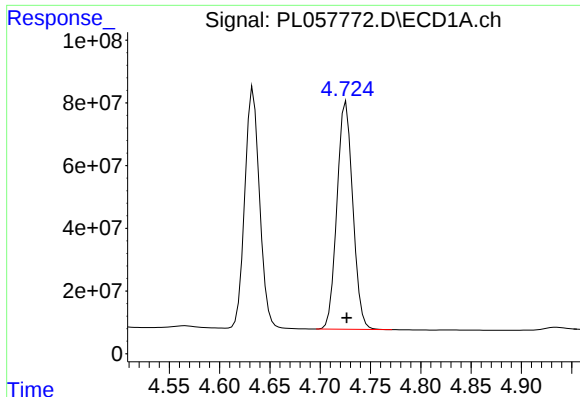
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 852717025  
Conc: 53.19 ng/ml



#4 Heptachlor

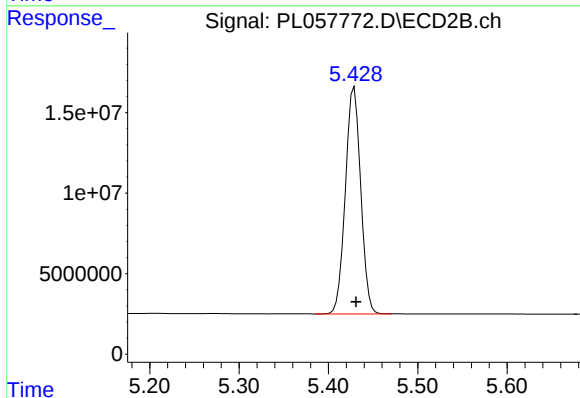
R.T.: 5.128 min  
Delta R.T.: -0.001 min  
Response: 172669146  
Conc: 51.45 ng/ml



#5 Aldrin

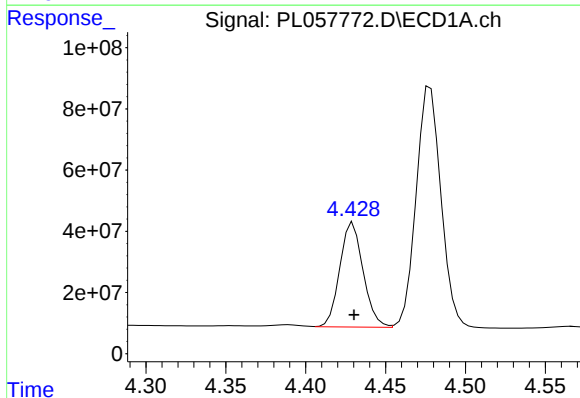
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 792765758  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



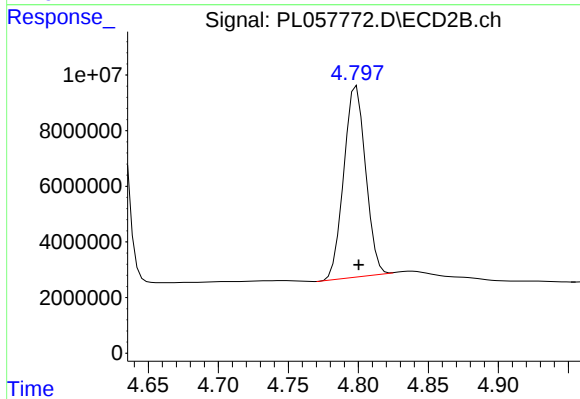
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 168291048  
Conc: 51.97 ng/ml



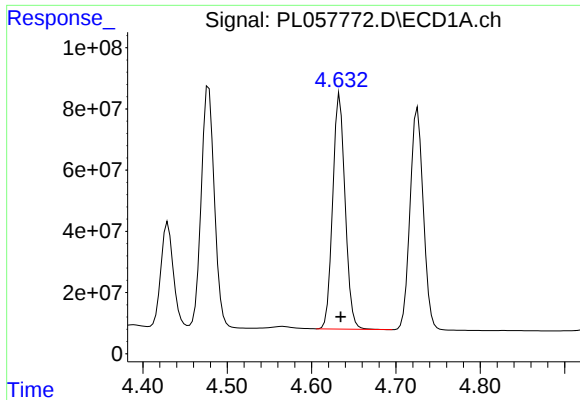
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 348056046  
Conc: 55.11 ng/ml



#6 beta-BHC

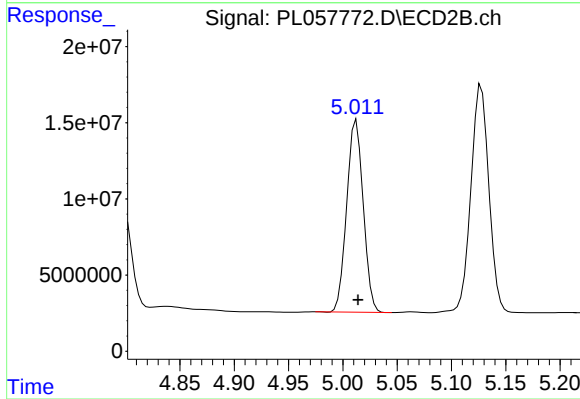
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 74404259  
Conc: 53.58 ng/ml



#7 delta-BHC

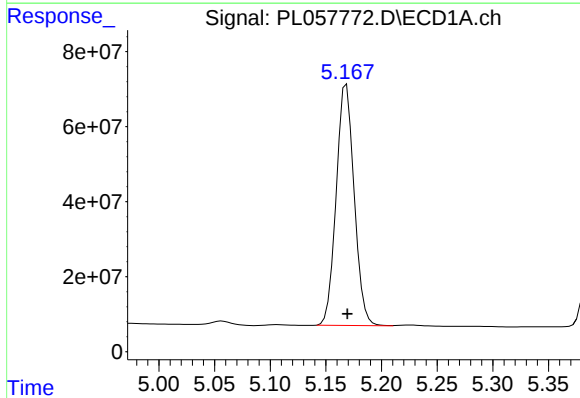
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 786667560  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



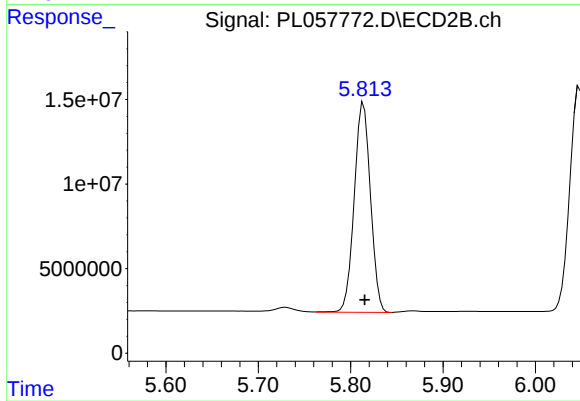
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: -0.001 min  
Response: 133856311  
Conc: 53.40 ng/ml



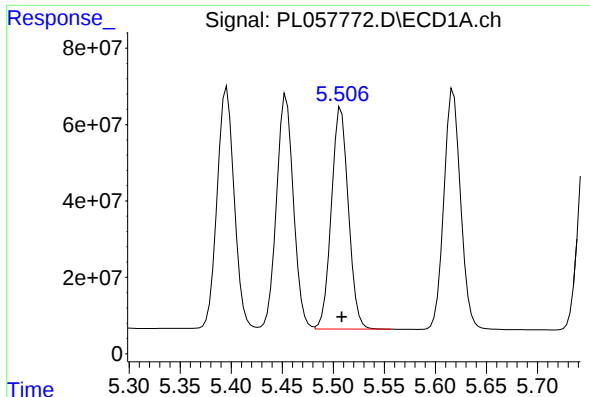
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 723027973  
Conc: 53.80 ng/ml



#8 Heptachlor epoxide

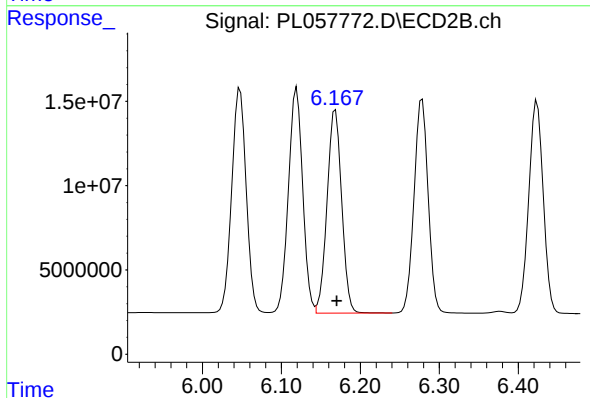
R.T.: 5.814 min  
Delta R.T.: -0.001 min  
Response: 151402332  
Conc: 56.07 ng/ml



#9 Endosulfan I

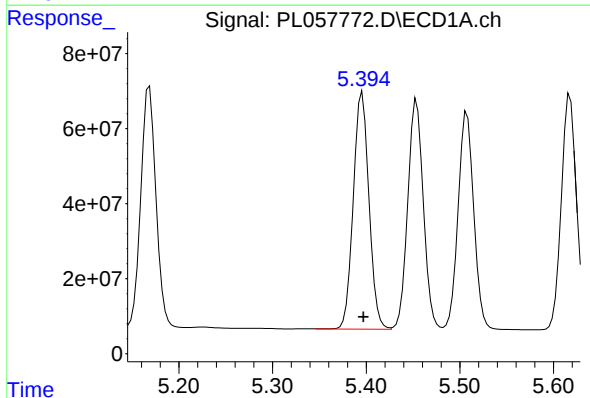
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 673841347  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



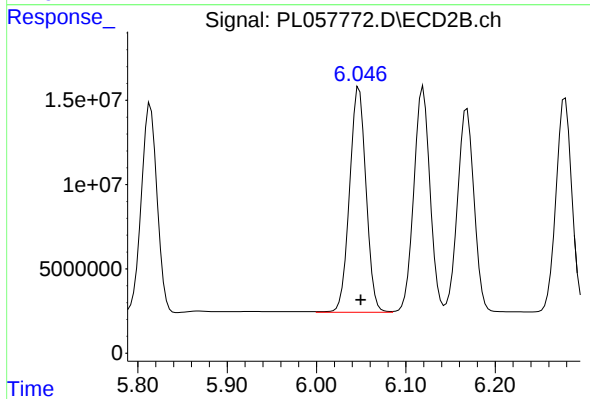
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 155657434  
Conc: 52.20 ng/ml



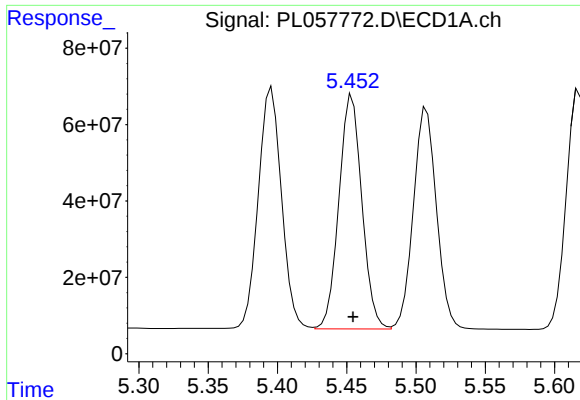
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 736075057  
Conc: 54.20 ng/ml



#10 gamma-Chlordane

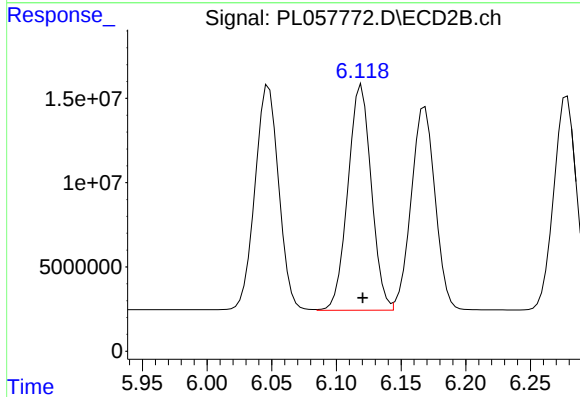
R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 171104359  
Conc: 52.81 ng/ml



#11 alpha-Chlordane

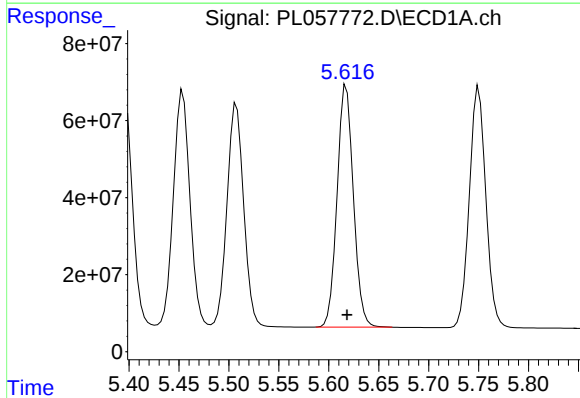
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 707593503  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



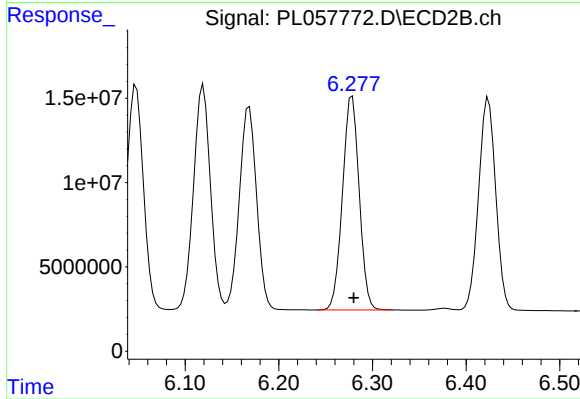
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 168308140  
Conc: 51.43 ng/ml



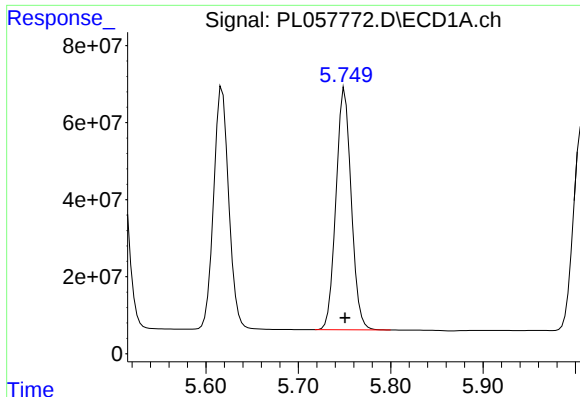
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 714436931  
Conc: 54.54 ng/ml



#12 4,4'-DDE

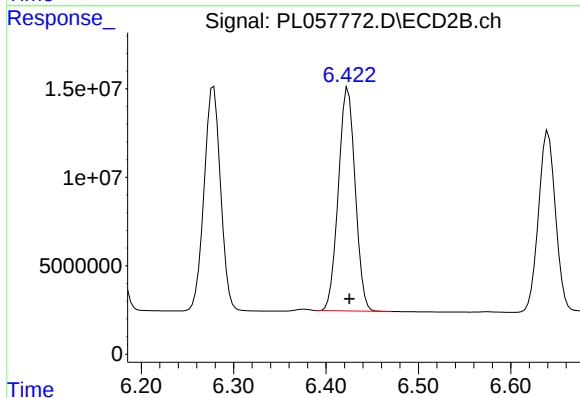
R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 157207999  
Conc: 53.10 ng/ml



#13 Dieldrin

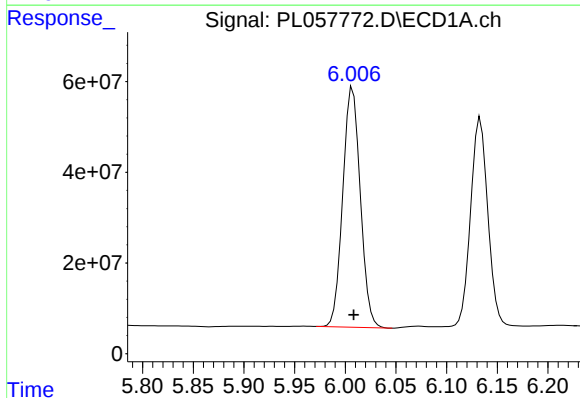
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 720225215  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



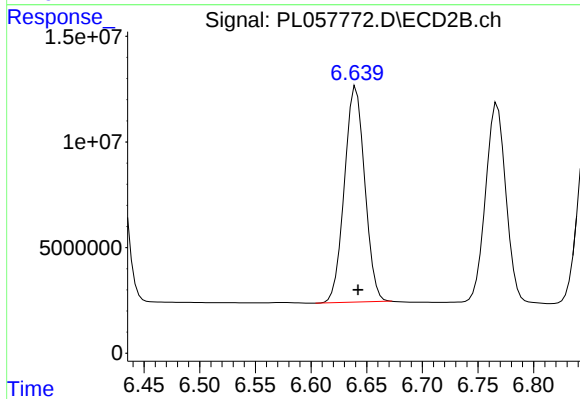
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 159650621  
Conc: 52.25 ng/ml



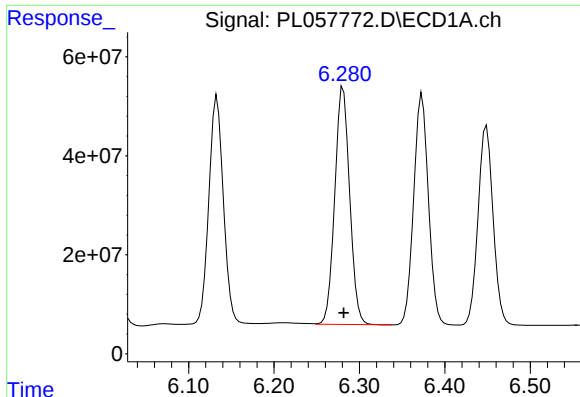
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 636979541  
Conc: 54.57 ng/ml



#14 Endrin

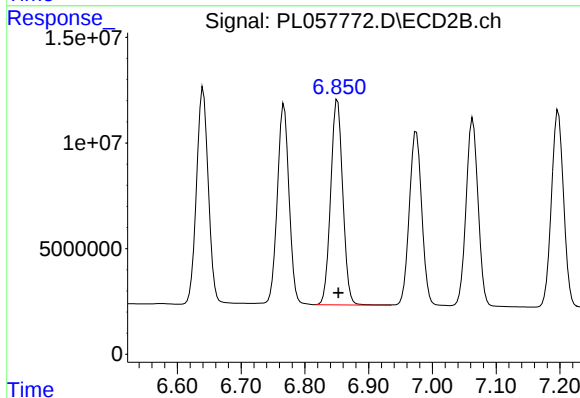
R.T.: 6.640 min  
Delta R.T.: -0.002 min  
Response: 129687197  
Conc: 51.91 ng/ml



#15 Endosulfan II

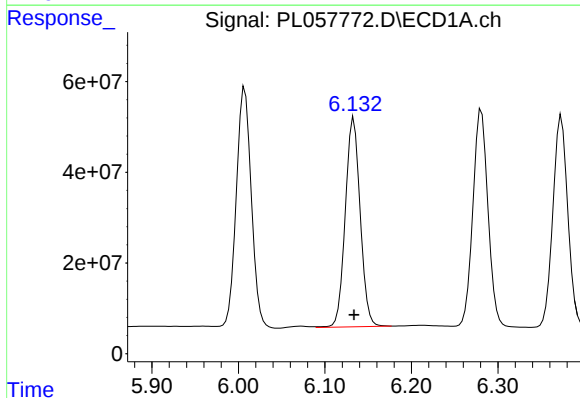
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 582564629  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



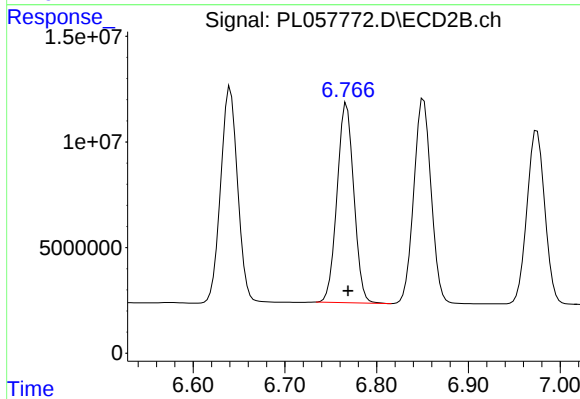
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 128651927  
Conc: 49.60 ng/ml



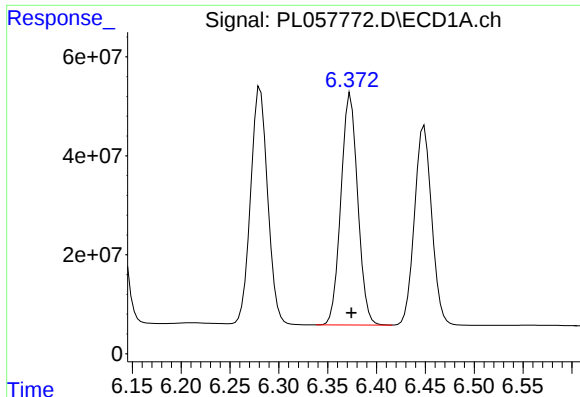
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 547370571  
Conc: 54.77 ng/ml



#16 4,4'-DDD

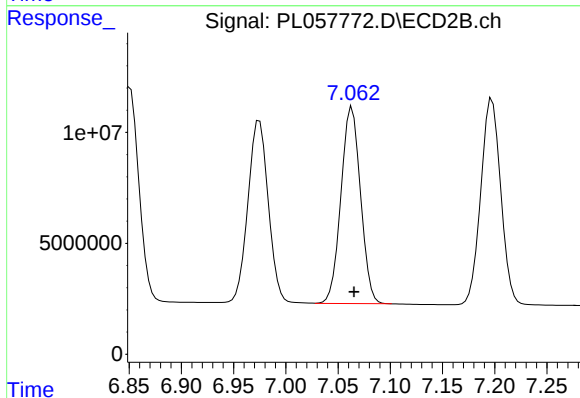
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 120044414  
Conc: 52.60 ng/ml



#17 4,4'-DDT

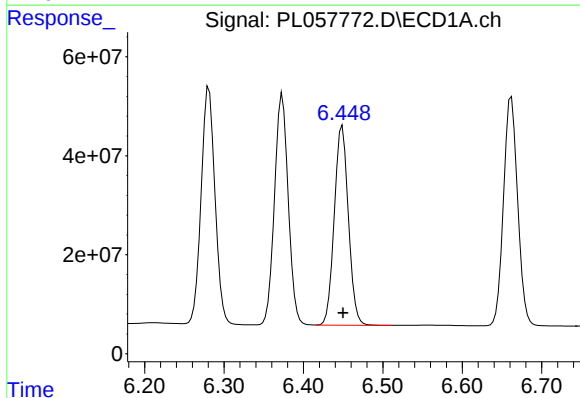
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 561224332  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



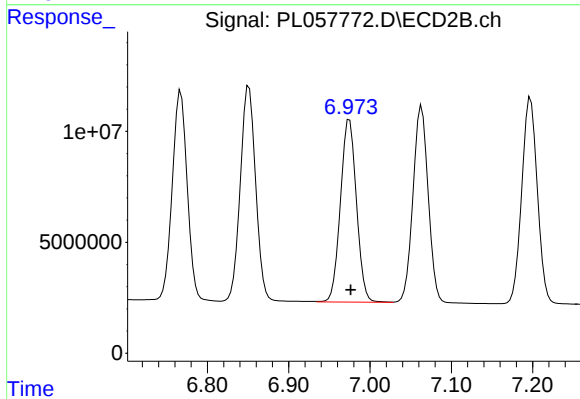
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.002 min  
Response: 115481287  
Conc: 51.85 ng/ml



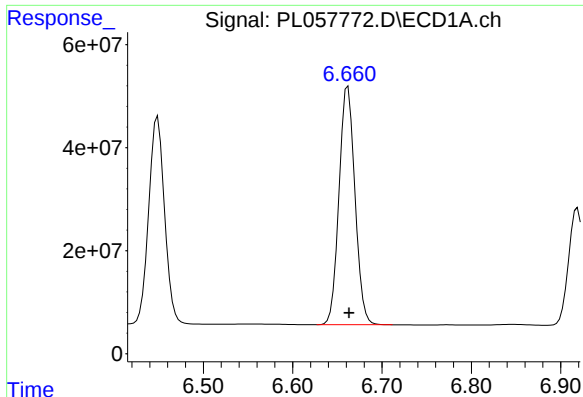
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 496751615  
Conc: 53.13 ng/ml



#18 Endrin aldehyde

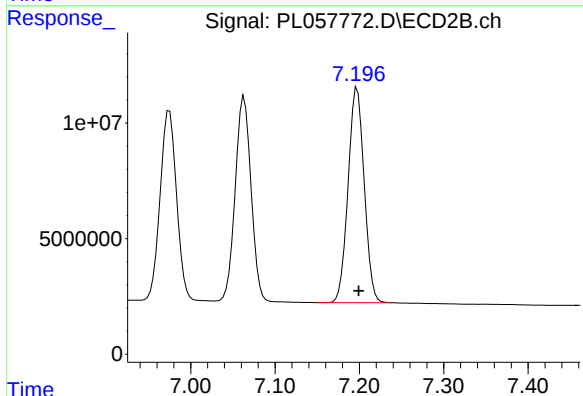
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 112282114  
Conc: 50.54 ng/ml



#19 Endosulfan Sulfate

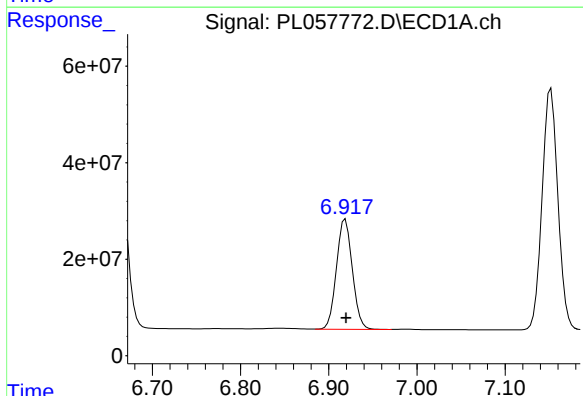
R.T.: 6.662 min  
Delta R.T.: -0.001 min  
Response: 572132674  
Conc: 56.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



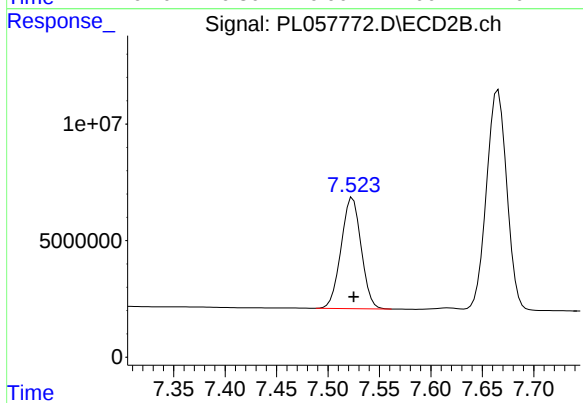
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.002 min  
Response: 123454110  
Conc: 52.02 ng/ml



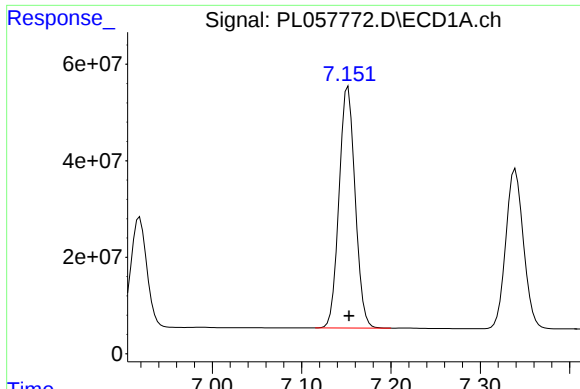
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 286382089  
Conc: 51.95 ng/ml



#20 Methoxychlor

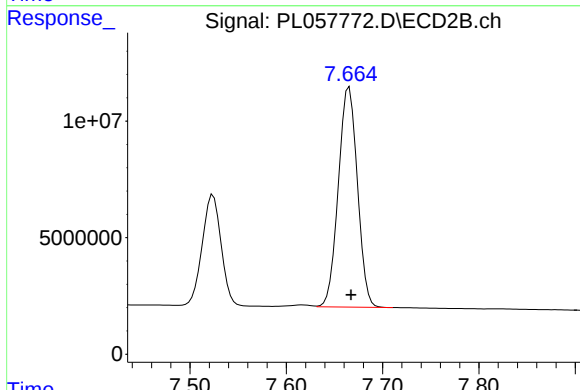
R.T.: 7.524 min  
Delta R.T.: -0.001 min  
Response: 64591055  
Conc: 50.78 ng/ml



#21 Endrin ketone

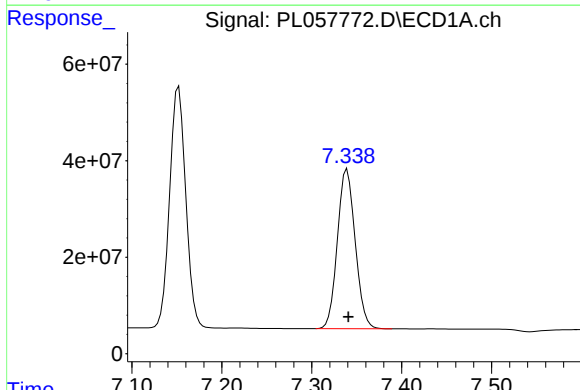
R.T.: 7.152 min  
Delta R.T.: -0.001 min  
Response: 624361419  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



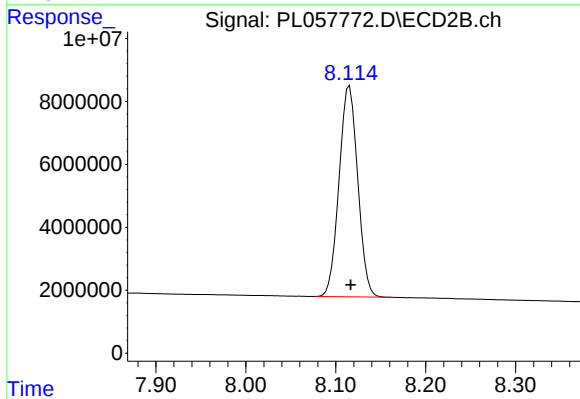
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 129668487  
Conc: 52.45 ng/ml



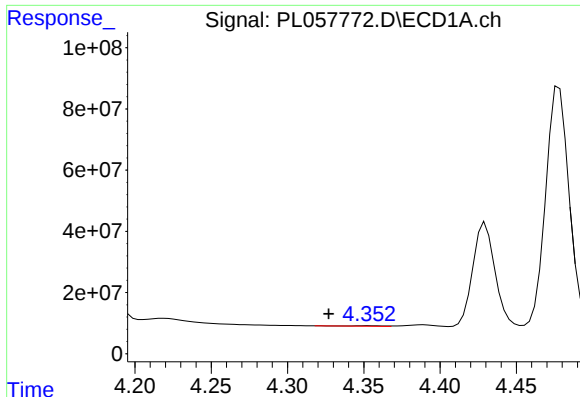
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 454702849  
Conc: 55.47 ng/ml



#22 Mirex

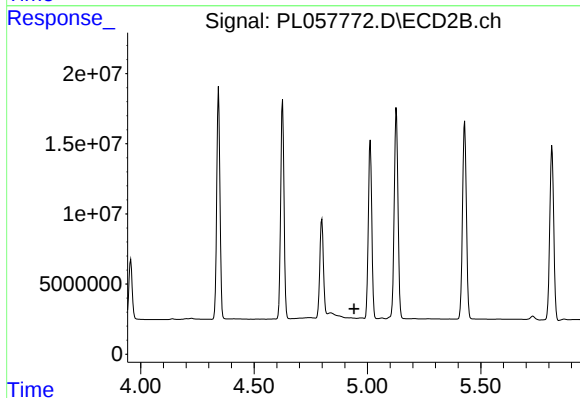
R.T.: 8.115 min  
Delta R.T.: -0.001 min  
Response: 96646973  
Conc: 52.56 ng/ml



#23 Chlordane-1

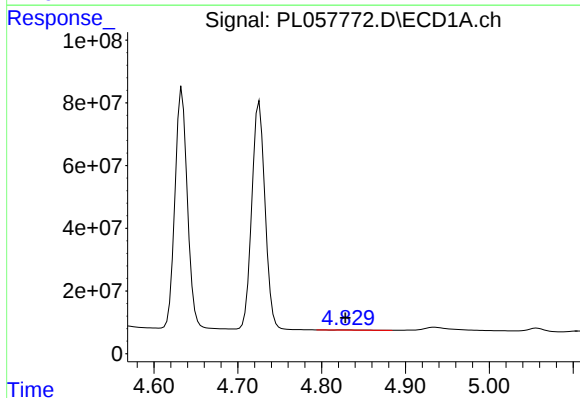
R.T.: 4.353 min  
Delta R.T.: 0.026 min  
Response: 2220652  
Conc: 6.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



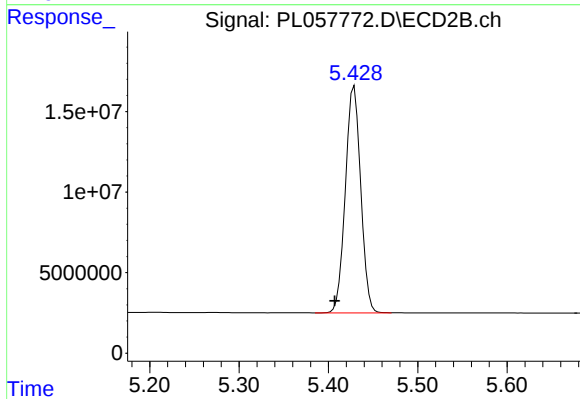
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



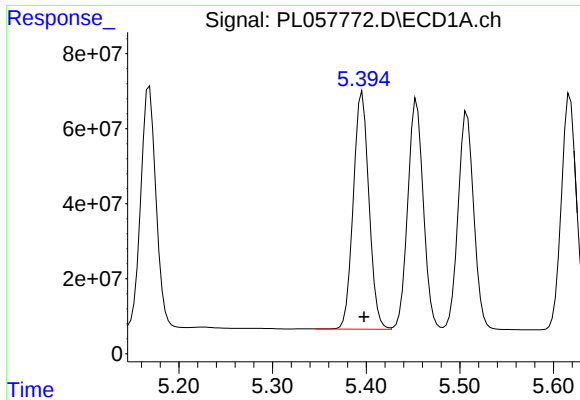
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 2156568  
Conc: 5.34 ng/ml



#24 Chlordane-2

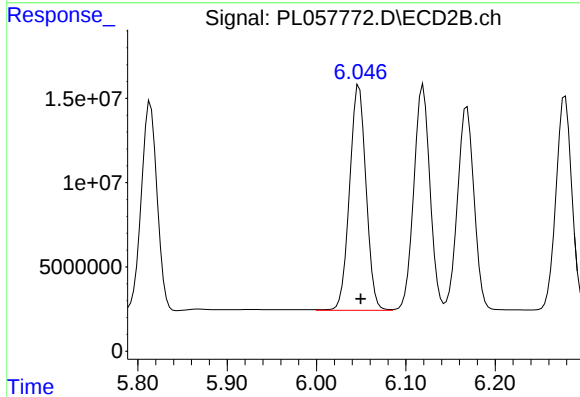
R.T.: 5.429 min  
Delta R.T.: 0.022 min  
Response: 168291048  
Conc: 1612.62 ng/ml



#25 Chlordane-3

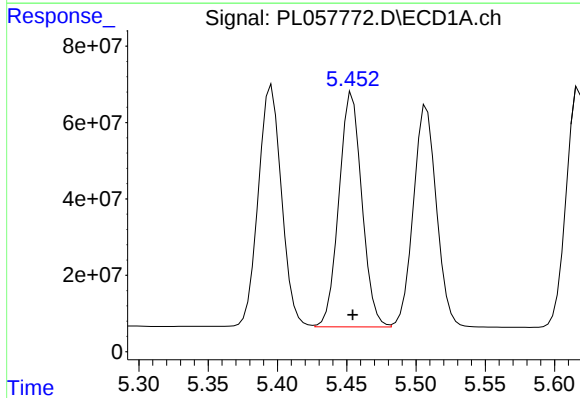
R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 736075057  
Conc: 602.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



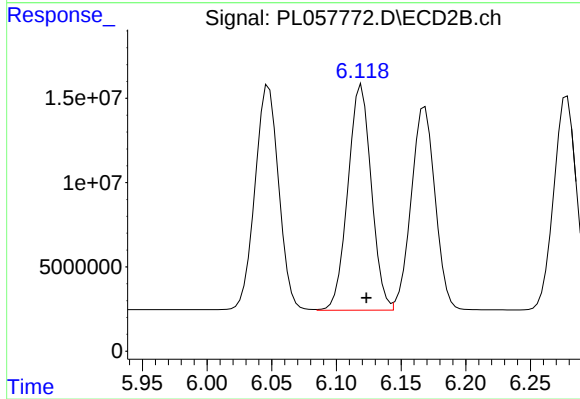
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 171104359  
Conc: 395.46 ng/ml



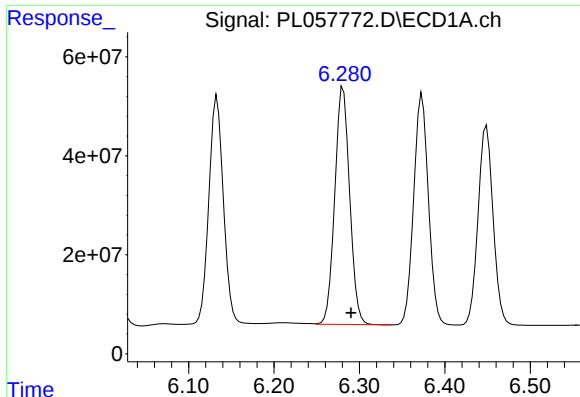
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 707593503  
Conc: 680.24 ng/ml



#26 Chlordane-4

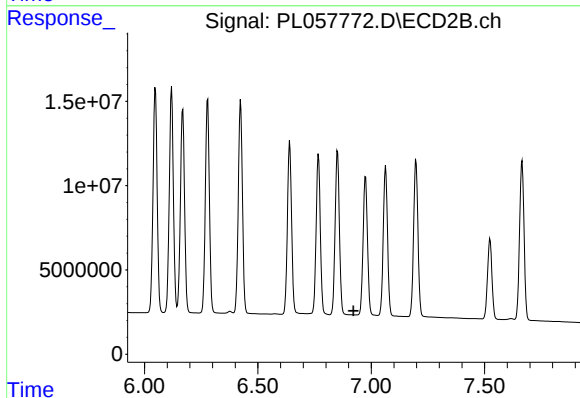
R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 168308140  
Conc: 320.63 ng/ml



#27 Chlordane-5

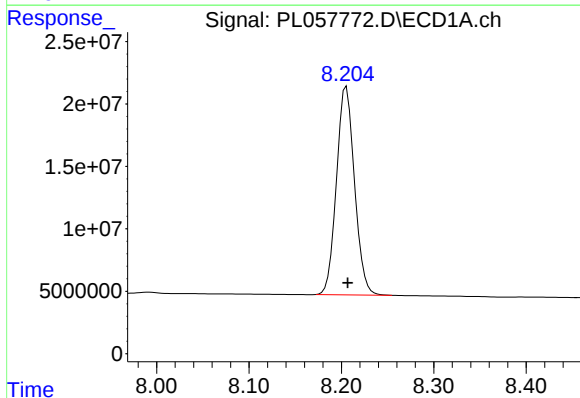
R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 582564629  
Conc: 1540.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128002BSD



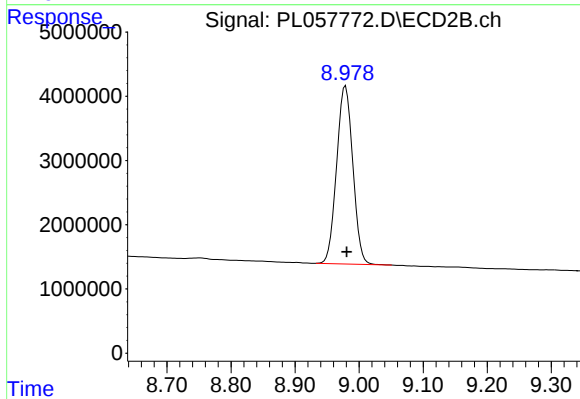
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.001 min  
Response: 226485915  
Conc: 21.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.002 min  
Response: 48641855  
Conc: 21.78 ng/ml