

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072420\  
 Data File : PL060207.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2020 21:17  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 04:33:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465  | 4.012  | 96670329 | 133.6E6  | 49.979   | 50.401     |
| 28)                         | SA Decachlor... | 8.222  | 9.096  | 75157709 | 96299362 | 45.686   | 46.046     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.902  | 4.401  | 142.6E6  | 196.1E6  | 49.611   | 50.790     |
| 3)                          | MA gamma-BHC... | 4.185  | 4.687  | 124.4E6  | 182.1E6  | 50.362   | 50.213     |
| 4)                          | MA Heptachlor   | 4.488  | 5.198  | 110.2E6  | 165.8E6  | 49.157   | 49.290     |
| 5)                          | MB Aldrin       | 4.736  | 5.504  | 95986627 | 152.4E6  | 48.644   | 48.930     |
| 6)                          | B beta-BHC      | 4.436  | 4.857  | 50075441 | 75964095 | 49.033   | 50.246     |
| 7)                          | B delta-BHC     | 4.640  | 5.074  | 110.9E6  | 164.0E6  | 49.893   | 52.630     |
| 8)                          | B Heptachlo...  | 5.179  | 5.890  | 88778679 | 156.8E6  | 48.368   | 58.218     |
| 9)                          | A Endosulfan I  | 5.517  | 6.248  | 80923532 | 135.5E6  | 48.103   | 50.791     |
| 10)                         | B gamma-Chl...  | 5.406  | 6.125  | 87053778 | 157.9E6  | 47.986   | 55.125     |
| 11)                         | B alpha-Chl...  | 5.465  | 6.198  | 86598168 | 146.0E6  | 48.022   | 51.072     |
| 12)                         | B 4,4'-DDE      | 5.630  | 6.355  | 80047512 | 131.3E6  | 48.067   | 49.042     |
| 13)                         | MA Dieldrin     | 5.761  | 6.505  | 83666524 | 131.7E6  | 47.415   | 47.626     |
| 14)                         | MA Endrin       | 6.017  | 6.723  | 70385440 | 104.1E6  | 48.356   | 48.905     |
| 15)                         | B Endosulfa...  | 6.290  | 6.933  | 76642552 | 117.4E6  | 45.890   | 46.741     |
| 16)                         | A 4,4'-DDD      | 6.145  | 6.846  | 69167116 | 111.9E6  | 45.310   | 48.745     |
| 17)                         | MA 4,4'-DDT     | 6.386  | 7.145  | 60884224 | 93964605 | 46.828   | 47.721     |
| 18)                         | B Endrin al...  | 6.458  | 7.057  | 65292116 | 99419847 | 45.769   | 45.777     |
| 19)                         | B Endosulfa...  | 6.671  | 7.280  | 73617908 | 108.9E6  | 44.785   | 46.565     |
| 20)                         | A Methoxychlor  | 6.932  | 7.604  | 34604182 | 53413342 | 46.263   | 47.050     |
| 21)                         | B Endrin ke...  | 7.161  | 7.752  | 85575005 | 118.6E6  | 45.597   | 45.925     |
| 22)                         | Mirex           | 7.352  | 8.208  | 64059528 | 82779697 | 45.028   | 44.789     |
| 24)                         | Chlordane-2     | 0.000  | 5.504f | 0        | 152.4E6  | N.D.     | 1330.155 # |
| 25)                         | Chlordane-3     | 5.406  | 6.125  | 87053778 | 157.9E6  | 514.759  | 407.980    |
| 26)                         | Chlordane-4     | 5.465  | 6.198  | 86598168 | 146.0E6  | 620.688  | 315.464 #  |
| 27)                         | Chlordane-5     | 6.290f | 0.000  | 76642552 | 0        | 1350.756 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

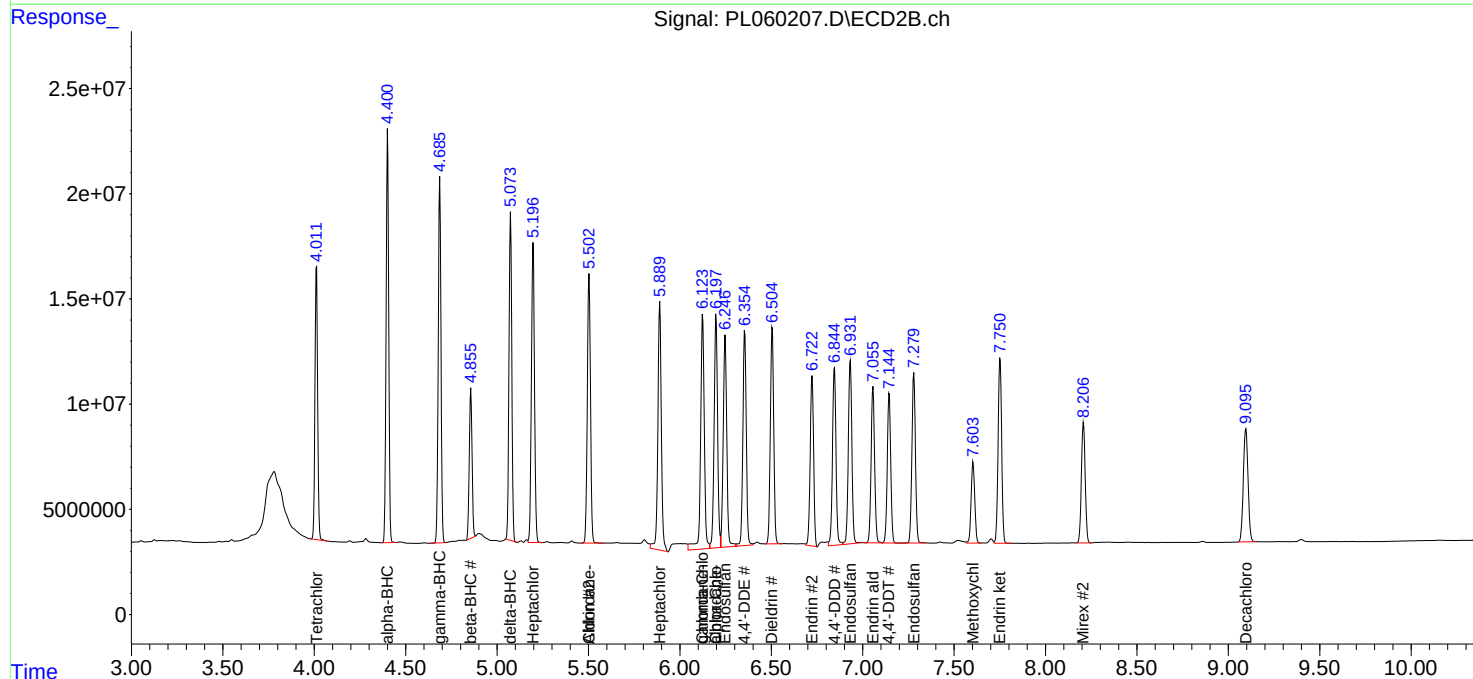
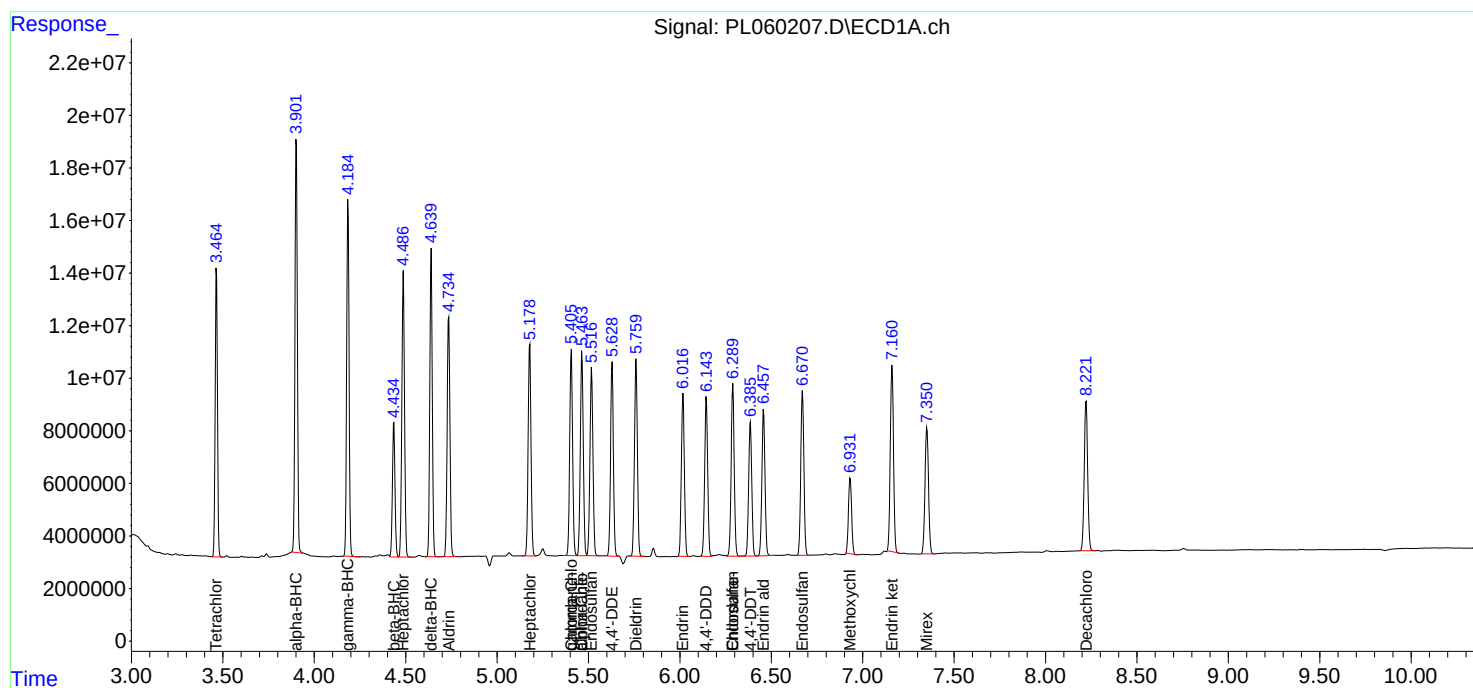
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

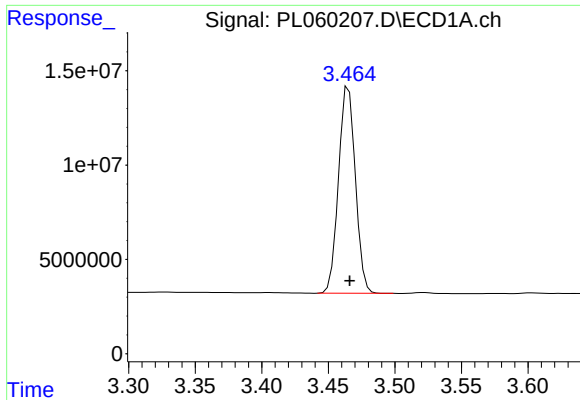
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072420\  
Data File : PL060207.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2020 21:17  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 04:33:50 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

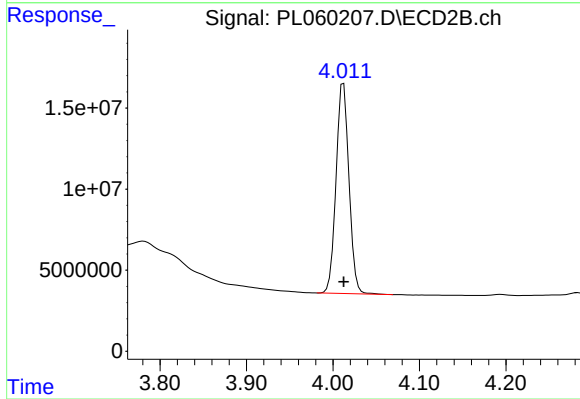




#1 Tetrachloro-m-xylene

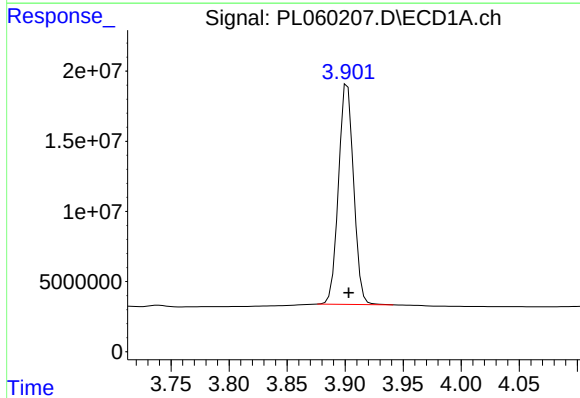
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 96670329  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



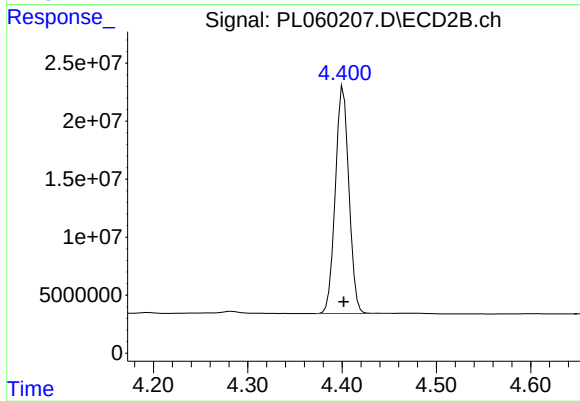
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 133571415  
Conc: 50.40 ng/ml



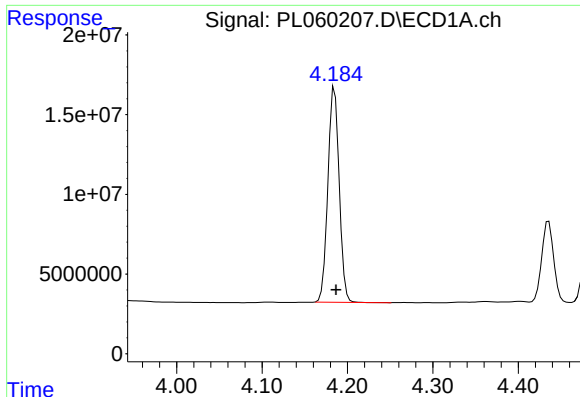
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 142596881  
Conc: 49.61 ng/ml



#2 alpha-BHC

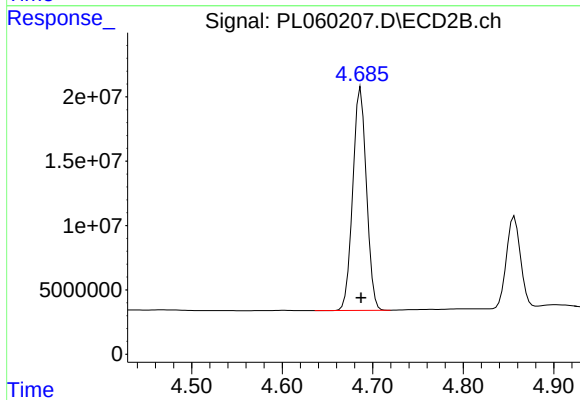
R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 196079080  
Conc: 50.79 ng/ml



#3 gamma-BHC (Lindane)

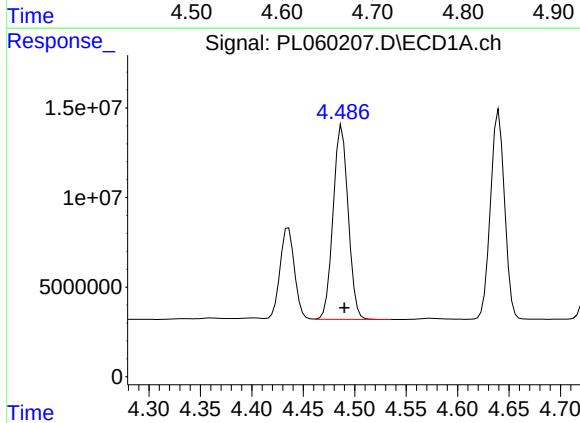
R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 124374460  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



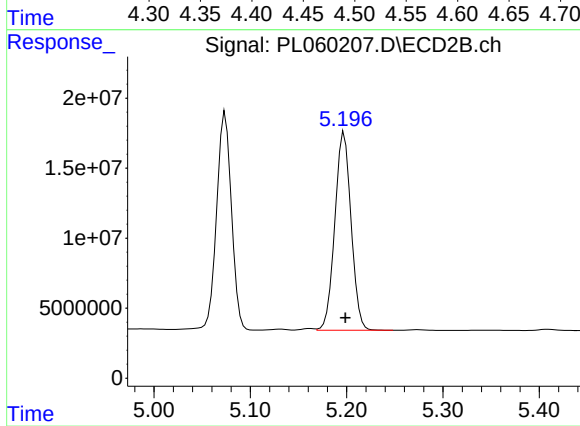
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 182121083  
Conc: 50.21 ng/ml



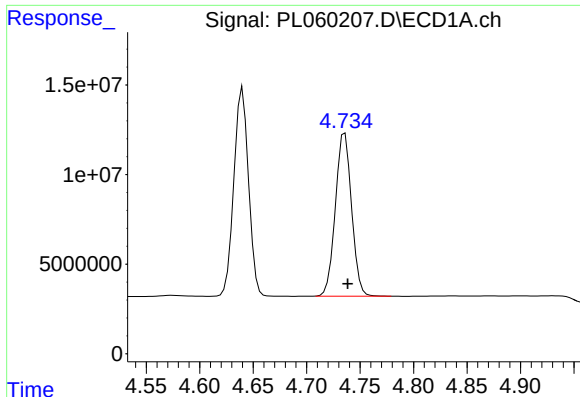
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 110245437  
Conc: 49.16 ng/ml



#4 Heptachlor

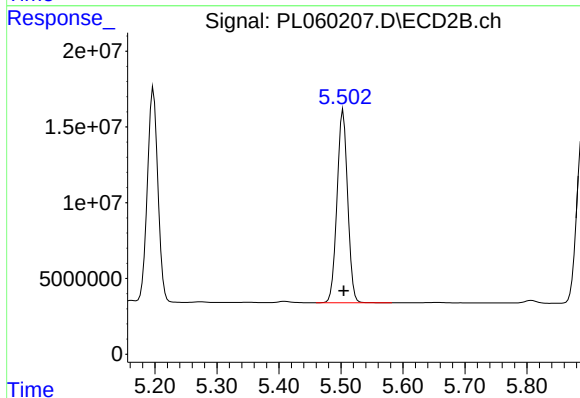
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 165817616  
Conc: 49.29 ng/ml



#5 Aldrin

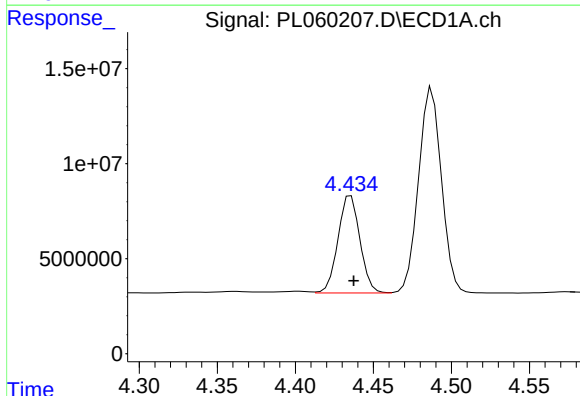
R.T.: 4.736 min  
Delta R.T.: -0.003 min  
Response: 95986627  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



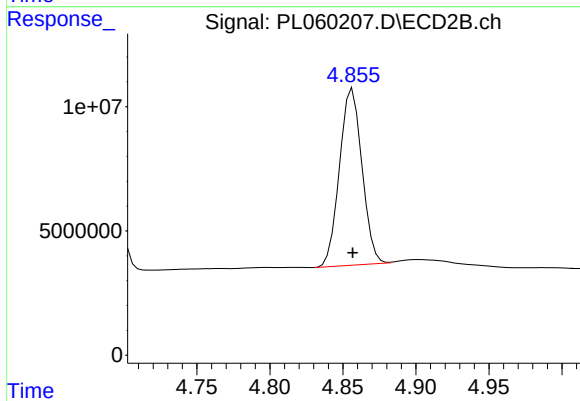
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: -0.001 min  
Response: 152402769  
Conc: 48.93 ng/ml



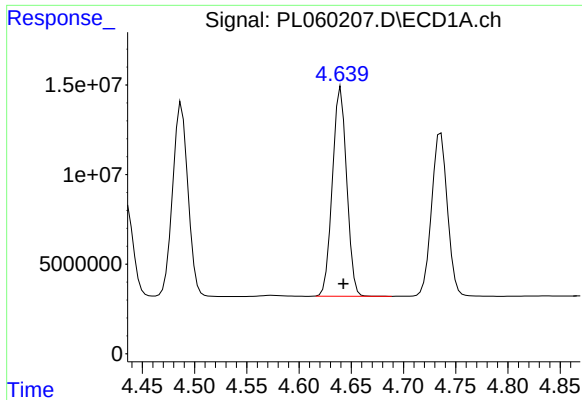
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.002 min  
Response: 50075441  
Conc: 49.03 ng/ml



#6 beta-BHC

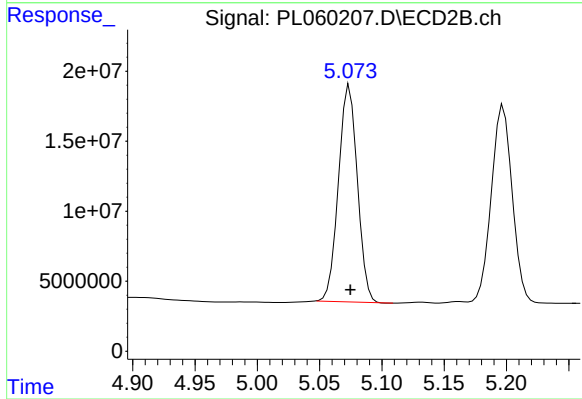
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 75964095  
Conc: 50.25 ng/ml



#7 delta-BHC

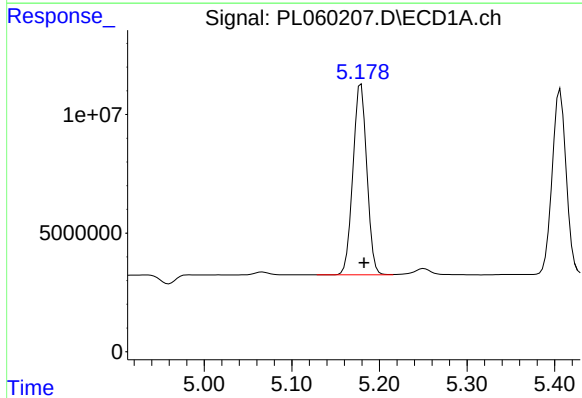
R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 110913507  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



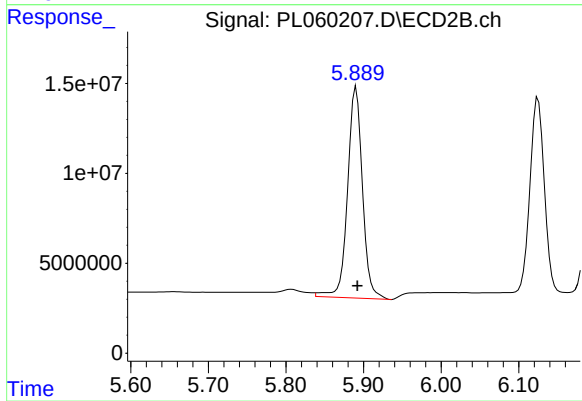
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 163980293  
Conc: 52.63 ng/ml



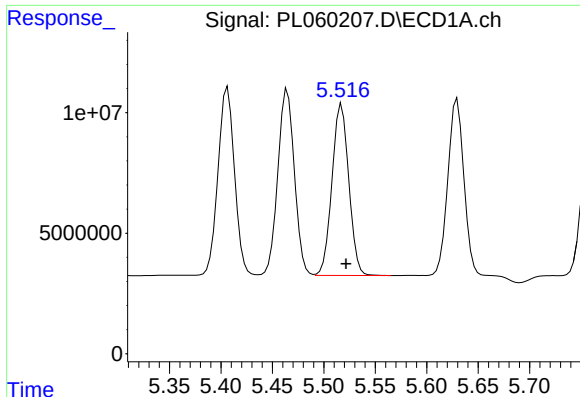
#8 Heptachlor epoxide

R.T.: 5.179 min  
Delta R.T.: -0.003 min  
Response: 88778679  
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

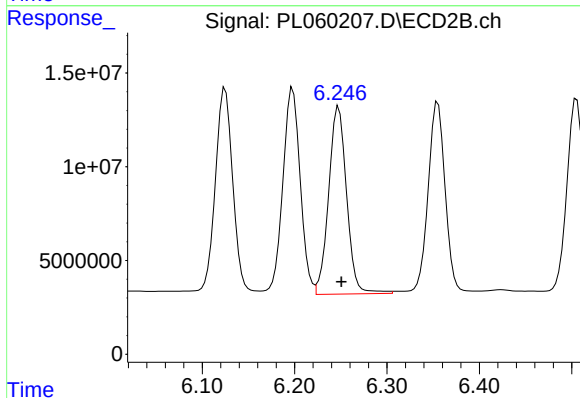
R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 156793533  
Conc: 58.22 ng/ml



#9 Endosulfan I

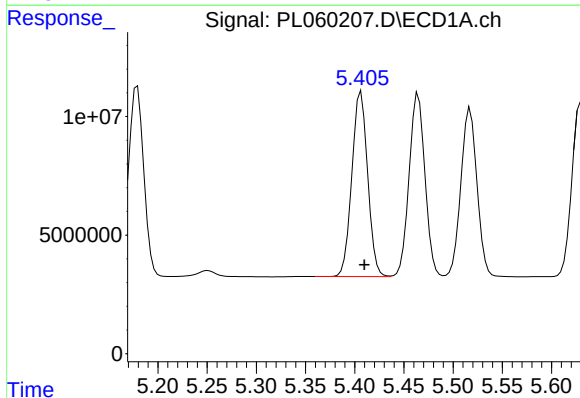
R.T.: 5.517 min  
Delta R.T.: -0.004 min  
Response: 80923532  
Conc: 48.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



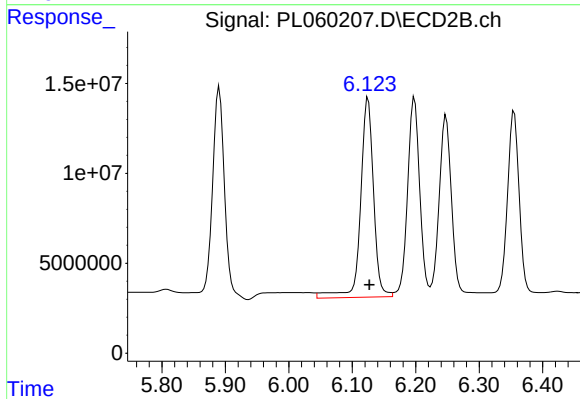
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 135474680  
Conc: 50.79 ng/ml



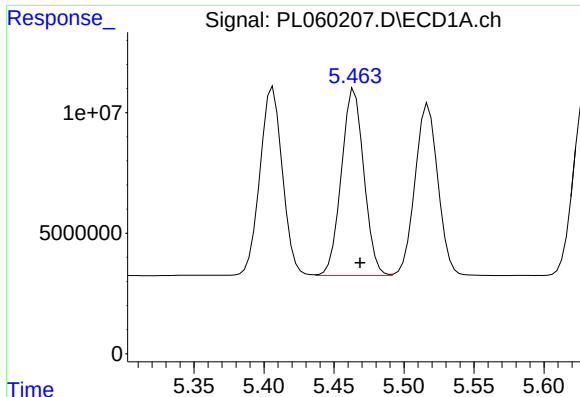
#10 gamma-Chlordane

R.T.: 5.406 min  
Delta R.T.: -0.004 min  
Response: 87053778  
Conc: 47.99 ng/ml



#10 gamma-Chlordane

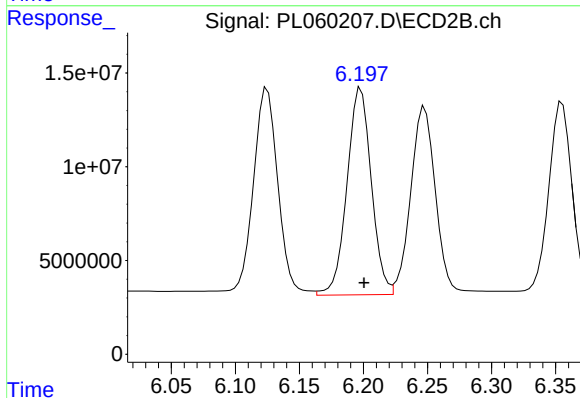
R.T.: 6.125 min  
Delta R.T.: -0.002 min  
Response: 157854635  
Conc: 55.12 ng/ml



#11 alpha-Chlordane

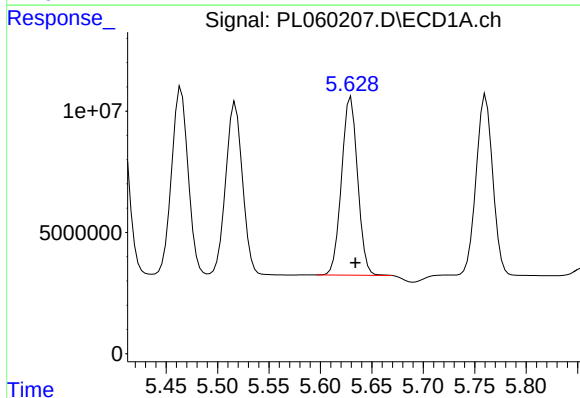
R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 86598168  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



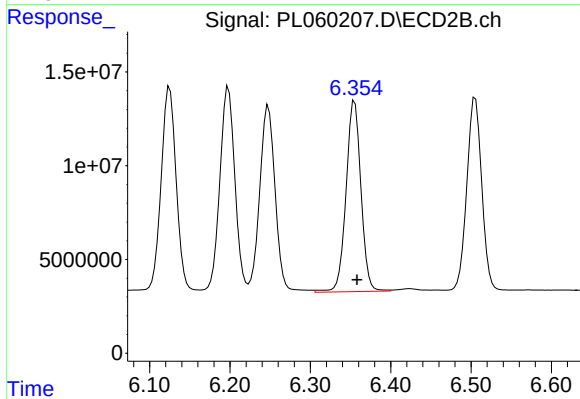
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.002 min  
Response: 146027947  
Conc: 51.07 ng/ml



#12 4,4'-DDE

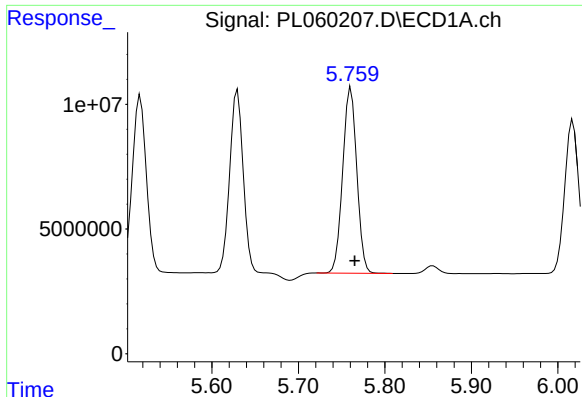
R.T.: 5.630 min  
Delta R.T.: -0.004 min  
Response: 80047512  
Conc: 48.07 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 131270962  
Conc: 49.04 ng/ml

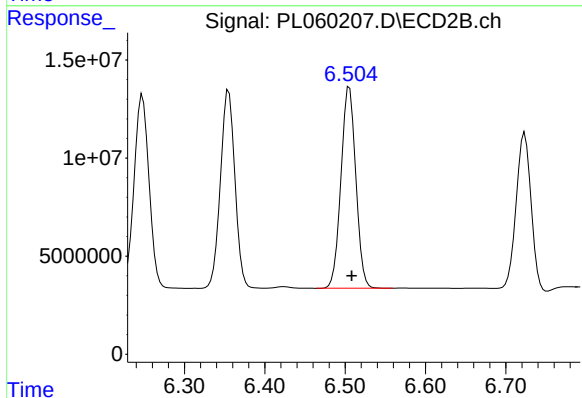




#13 Dieldrin

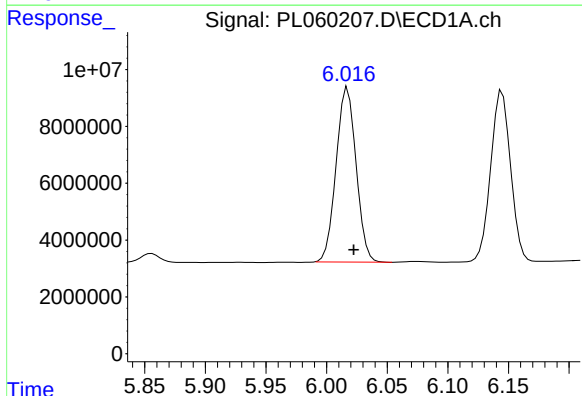
R.T.: 5.761 min  
Delta R.T.: -0.005 min  
Response: 83666524  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



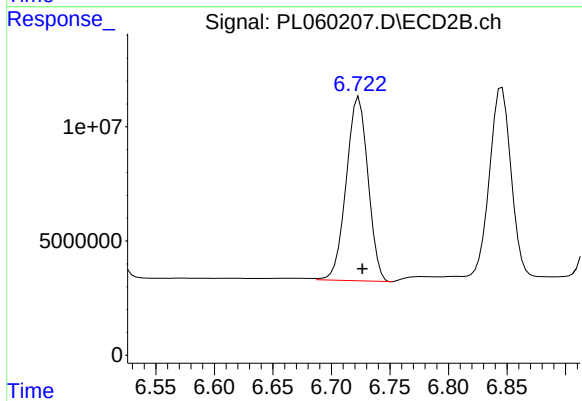
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 131745099  
Conc: 47.63 ng/ml



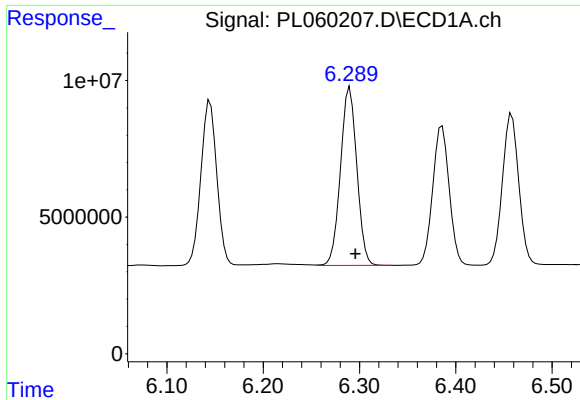
#14 Endrin

R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 70385440  
Conc: 48.36 ng/ml



#14 Endrin

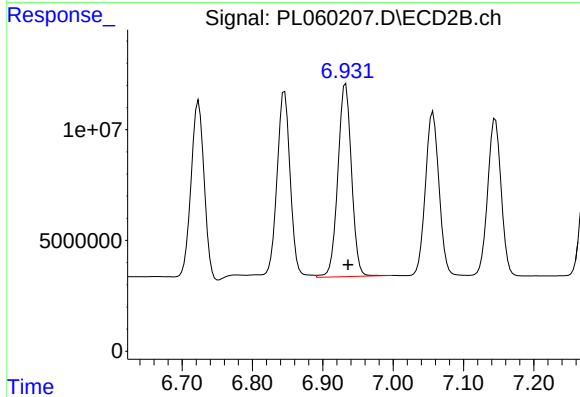
R.T.: 6.723 min  
Delta R.T.: -0.003 min  
Response: 104074334  
Conc: 48.90 ng/ml



#15 Endosulfan II

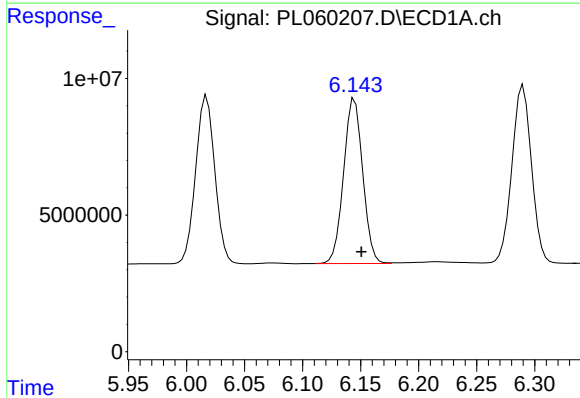
R.T.: 6.290 min  
Delta R.T.: -0.006 min  
Response: 76642552  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



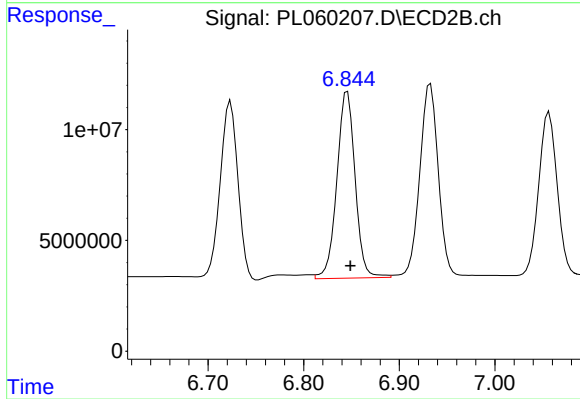
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 117395818  
Conc: 46.74 ng/ml



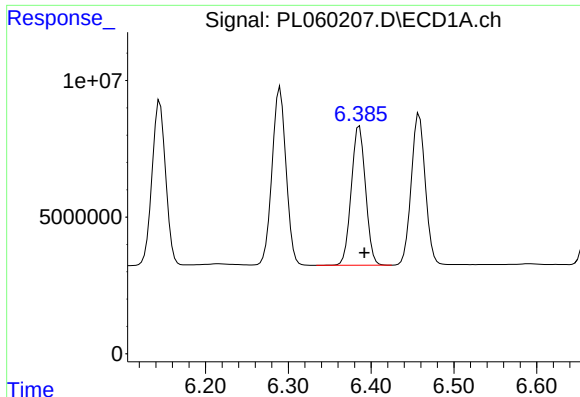
#16 4,4'-DDD

R.T.: 6.145 min  
Delta R.T.: -0.006 min  
Response: 69167116  
Conc: 45.31 ng/ml



#16 4,4'-DDD

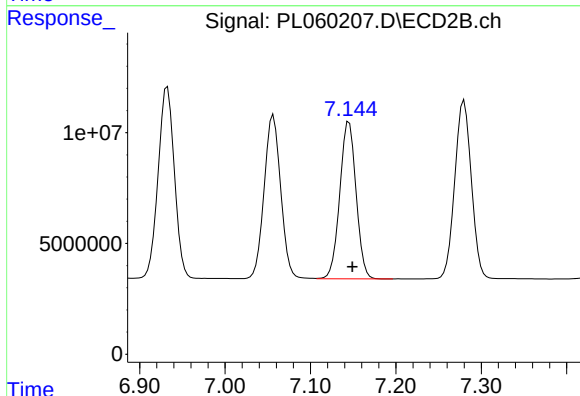
R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 111894691  
Conc: 48.75 ng/ml



#17 4,4'-DDT

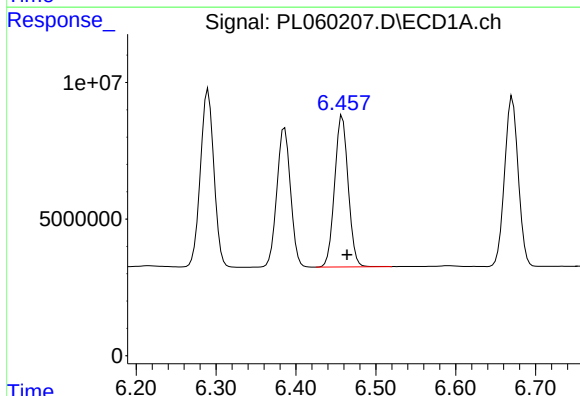
R.T.: 6.386 min  
Delta R.T.: -0.006 min  
Response: 60884224  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



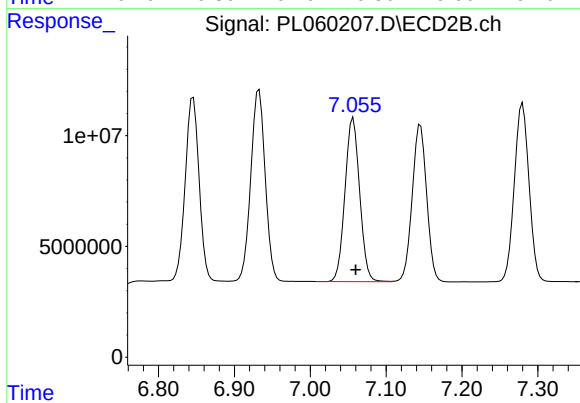
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.004 min  
Response: 93964605  
Conc: 47.72 ng/ml



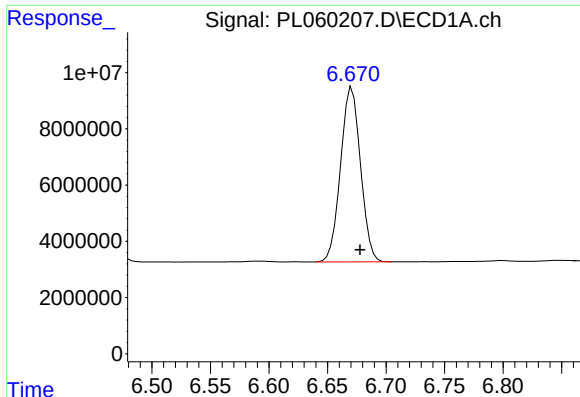
#18 Endrin aldehyde

R.T.: 6.458 min  
Delta R.T.: -0.006 min  
Response: 65292116  
Conc: 45.77 ng/ml



#18 Endrin aldehyde

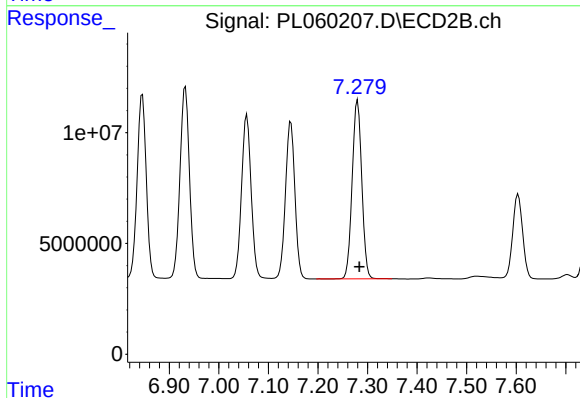
R.T.: 7.057 min  
Delta R.T.: -0.003 min  
Response: 99419847  
Conc: 45.78 ng/ml



#19 Endosulfan Sulfate

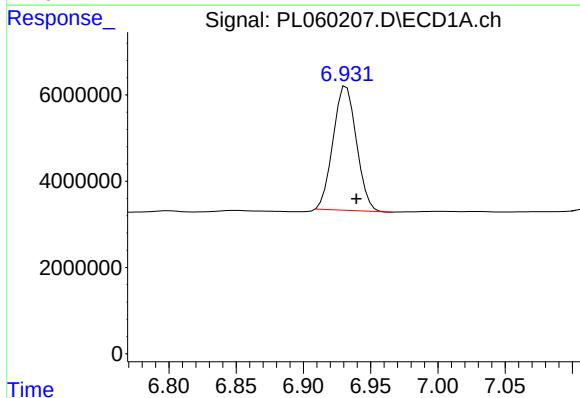
R.T.: 6.671 min  
Delta R.T.: -0.007 min  
Response: 73617908  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



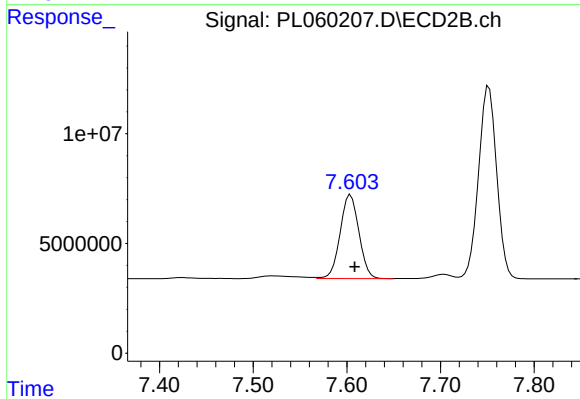
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.004 min  
Response: 108911295  
Conc: 46.56 ng/ml



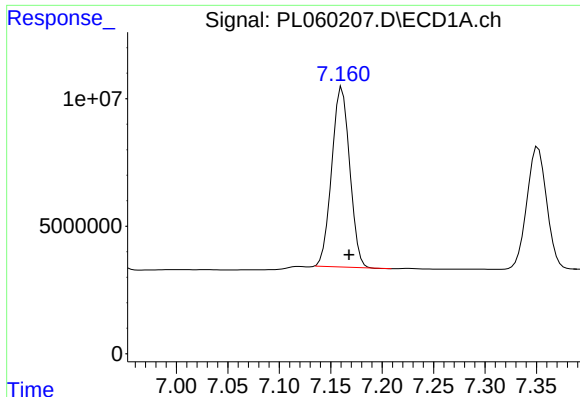
#20 Methoxychlor

R.T.: 6.932 min  
Delta R.T.: -0.007 min  
Response: 34604182  
Conc: 46.26 ng/ml



#20 Methoxychlor

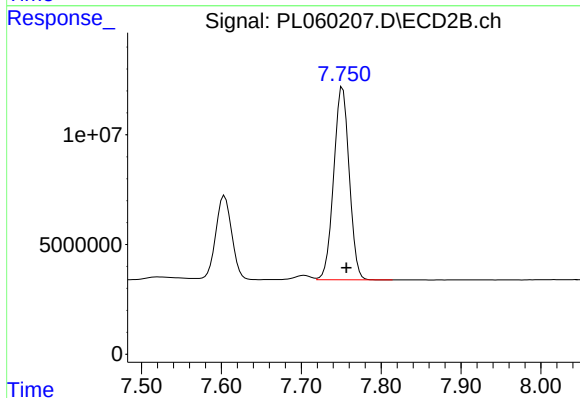
R.T.: 7.604 min  
Delta R.T.: -0.005 min  
Response: 53413342  
Conc: 47.05 ng/ml



#21 Endrin ketone

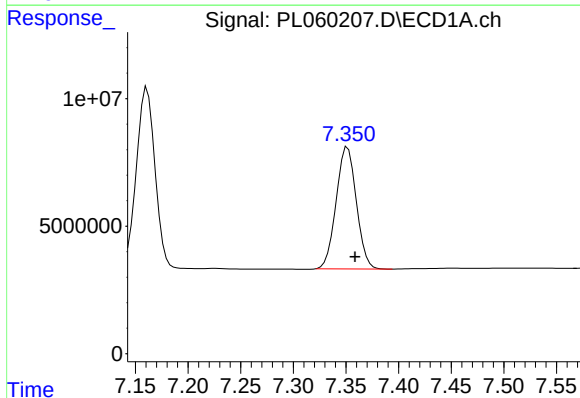
R.T.: 7.161 min  
Delta R.T.: -0.007 min  
Response: 85575005  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



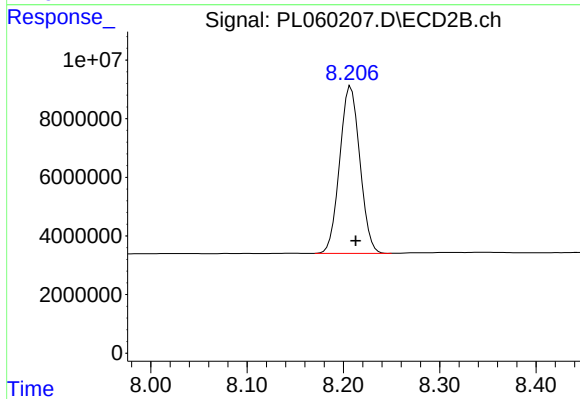
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.005 min  
Response: 118610185  
Conc: 45.92 ng/ml



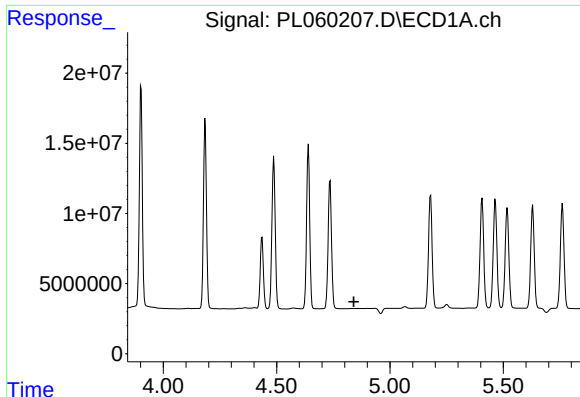
#22 Mirex

R.T.: 7.352 min  
Delta R.T.: -0.007 min  
Response: 64059528  
Conc: 45.03 ng/ml



#22 Mirex

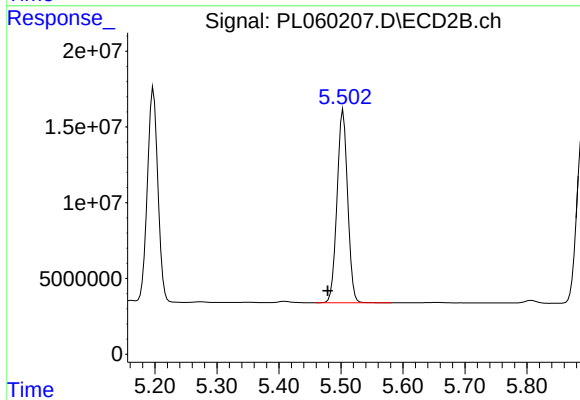
R.T.: 8.208 min  
Delta R.T.: -0.005 min  
Response: 82779697  
Conc: 44.79 ng/ml



#24 Chlordane-2

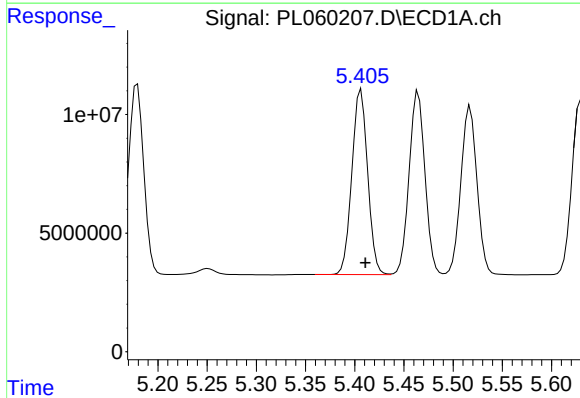
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



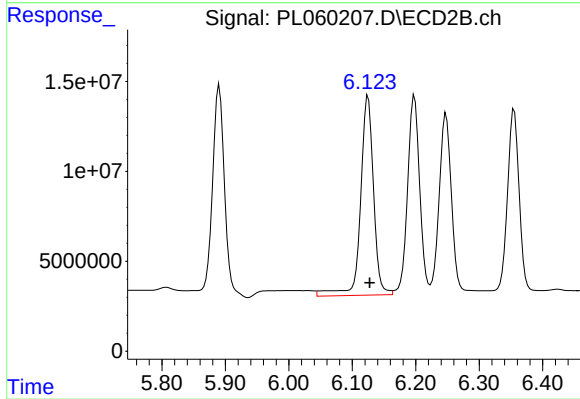
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 152402769  
Conc: 1330.16 ng/ml



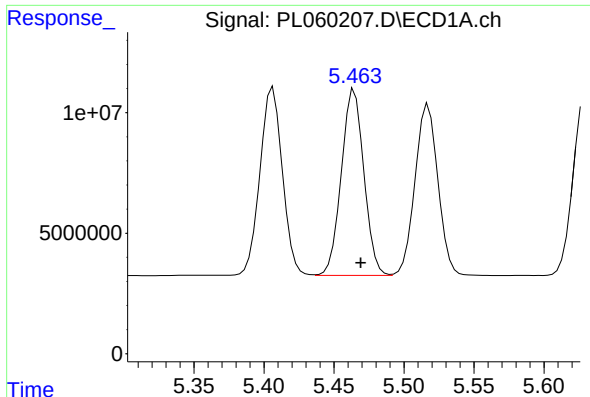
#25 Chlordane-3

R.T.: 5.406 min  
Delta R.T.: -0.004 min  
Response: 87053778  
Conc: 514.76 ng/ml



#25 Chlordane-3

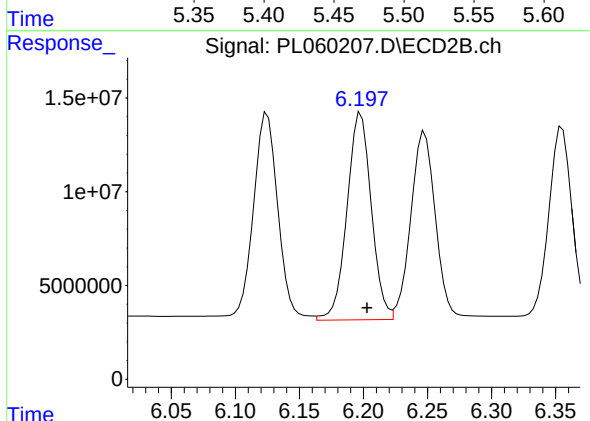
R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 157854635  
Conc: 407.98 ng/ml



#26 Chlordane-4

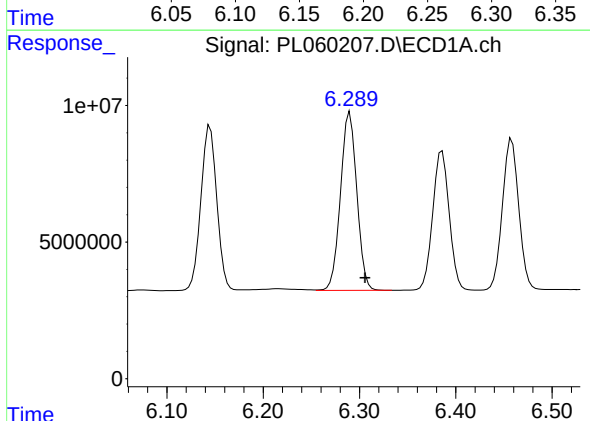
R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 86598168  
Conc: 620.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



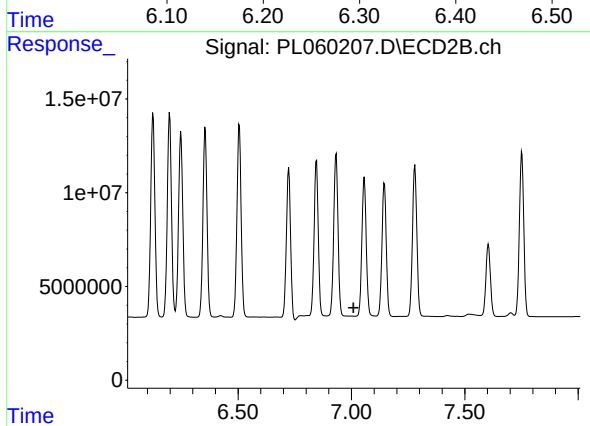
#26 Chlordane-4

R.T.: 6.198 min  
Delta R.T.: -0.005 min  
Response: 146027947  
Conc: 315.46 ng/ml



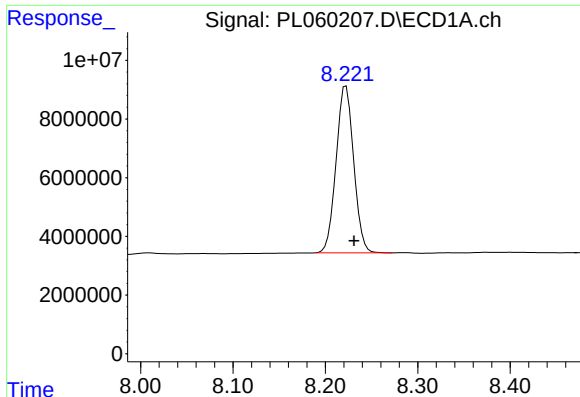
#27 Chlordane-5

R.T.: 6.290 min  
Delta R.T.: -0.016 min  
Response: 76642552  
Conc: 1350.76 ng/ml



#27 Chlordane-5

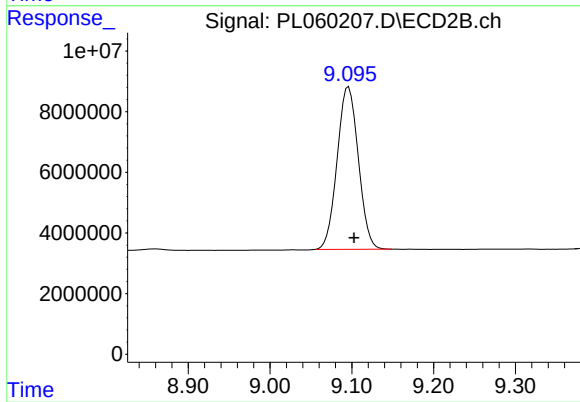
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.222 min  
Delta R.T.: -0.009 min  
Response: 75157709  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.007 min  
Response: 96299362  
Conc: 46.05 ng/ml