

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081220\  
 Data File : PL060670.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2020 21:41  
 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: Aug 13 02:47:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 11 01:39:18 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... | 3.464 | 4.011  | 92203220 | 127.6E6  | 49.183   | 47.969     |
| 28)                         | SA Decachlor... | 8.220 | 9.098  | 72820863 | 84990445 | 39.895   | 45.299     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.901 | 4.401  | 141.3E6  | 194.5E6  | 48.767   | 47.366     |
| 3)                          | MA gamma-BHC... | 4.184 | 4.686  | 127.6E6  | 180.9E6  | 48.183   | 47.139     |
| 4)                          | MA Heptachlor   | 4.486 | 5.197  | 119.1E6  | 163.7E6  | 47.904   | 46.287     |
| 5)                          | MB Aldrin       | 4.735 | 5.503  | 104.9E6  | 151.0E6  | 47.946   | 45.998     |
| 6)                          | B beta-BHC      | 4.435 | 4.857  | 52448946 | 75453109 | 48.498   | 47.099     |
| 7)                          | B delta-BHC     | 4.640 | 5.075  | 120.8E6  | 155.7E6  | 48.929   | 57.273     |
| 8)                          | B Heptachlo...  | 5.178 | 5.890  | 99684174 | 143.0E6  | 47.147   | 56.024     |
| 9)                          | A Endosulfan I  | 5.516 | 6.249  | 91808699 | 126.7E6  | 46.572   | 44.730     |
| 10)                         | B gamma-Chl...  | 5.405 | 6.126  | 99323093 | 135.7E6  | 46.845   | 44.894     |
| 11)                         | B alpha-Chl...  | 5.463 | 6.199  | 98539004 | 135.7E6  | 46.434   | 44.137     |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.356  | 92182489 | 124.4E6  | 46.493   | 43.701     |
| 13)                         | MA Dieldrin     | 5.759 | 6.507  | 96135738 | 129.5E6  | 46.496   | 44.402     |
| 14)                         | MA Endrin       | 6.015 | 6.725  | 87199875 | 109.8E6  | 44.654   | 43.385     |
| 15)                         | B Endosulfa...  | 6.289 | 6.934  | 86144932 | 110.1E6  | 44.451   | 42.201     |
| 16)                         | A 4,4'-DDD      | 6.144 | 6.848  | 76159811 | 99543628 | 45.235   | 43.381     |
| 17)                         | MA 4,4'-DDT     | 6.384 | 7.147  | 73491404 | 95101368 | 44.460   | 43.505     |
| 18)                         | B Endrin al...  | 6.457 | 7.059  | 73448389 | 94142409 | 44.016   | 43.365     |
| 19)                         | B Endosulfa...  | 6.669 | 7.282  | 82598999 | 102.1E6  | 44.058   | 42.488     |
| 20)                         | A Methoxychlor  | 6.930 | 7.607  | 43220896 | 49075484 | 42.855   | 38.953     |
| 21)                         | B Endrin ke...  | 7.160 | 7.754  | 88969534 | 107.3E6  | 43.084   | 44.051     |
| 22)                         | Mirex           | 7.349 | 8.210  | 65508507 | 71880231 | 43.567   | 44.948     |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0        | 151.0E6  | N.D.     | 1530.745 # |
| 25)                         | Chlordane-3     | 5.405 | 6.126  | 99323093 | 135.7E6  | 566.732  | 374.818 #  |
| 26)                         | Chlordane-4     | 5.463 | 6.199  | 98539004 | 135.7E6  | 704.820  | 313.002 #  |
| 27)                         | Chlordane-5     | 6.289 | 0.000  | 86144932 | 0        | 1342.655 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

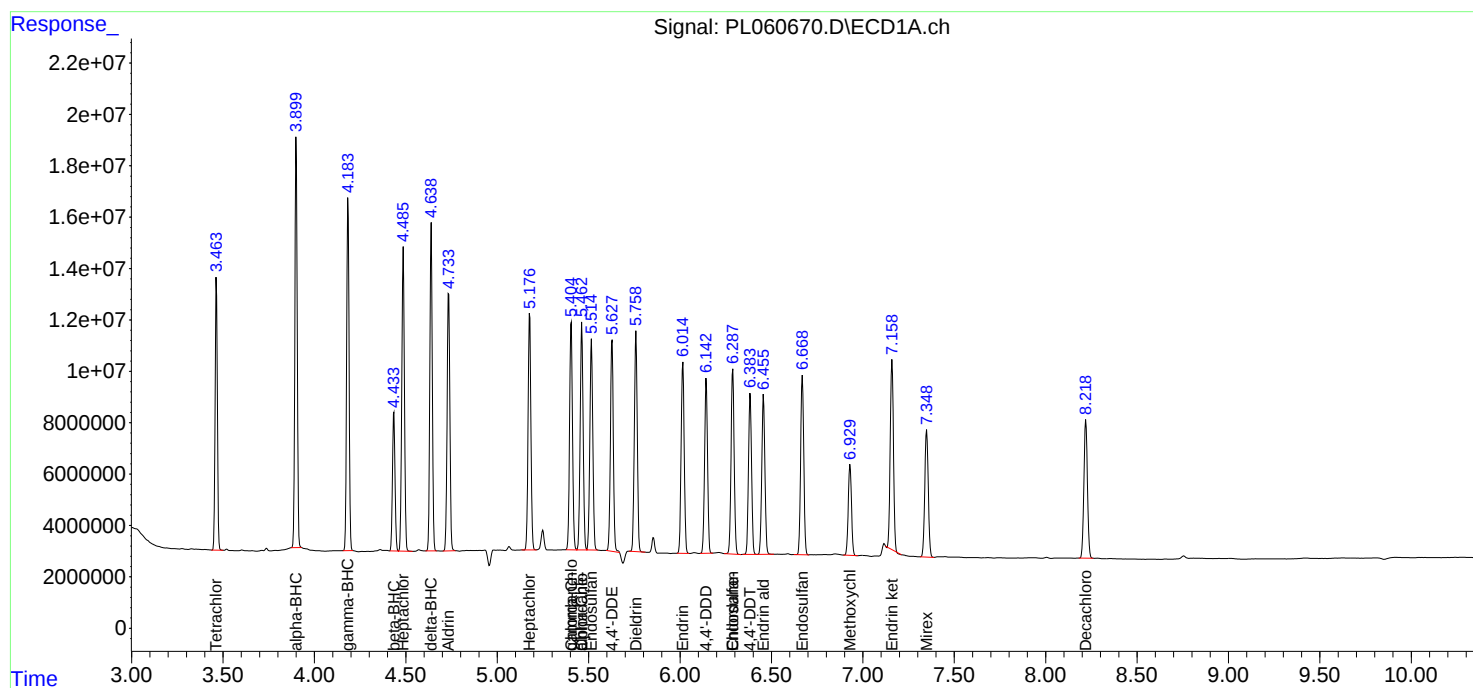
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

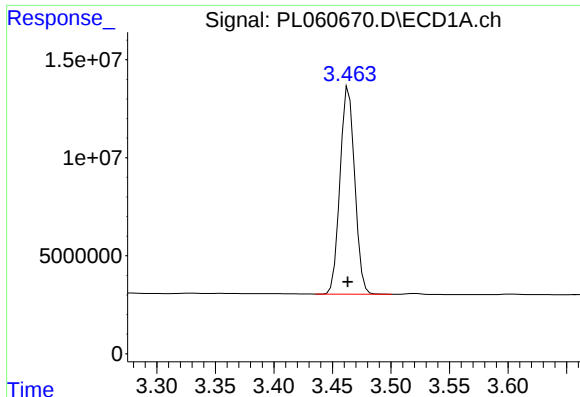
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081220\  
Data File : PL060670.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2020 21:41  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 02:47:55 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 11 01:39:18 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

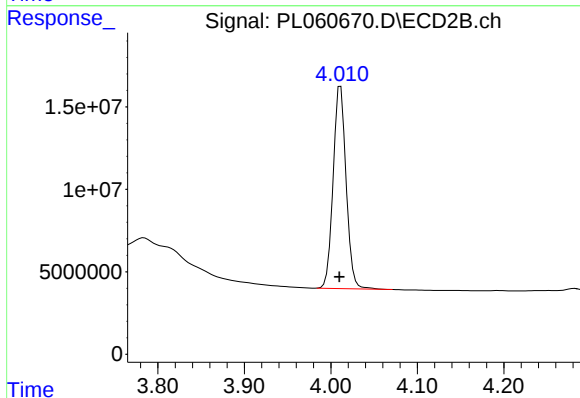




#1 Tetrachloro-m-xylene

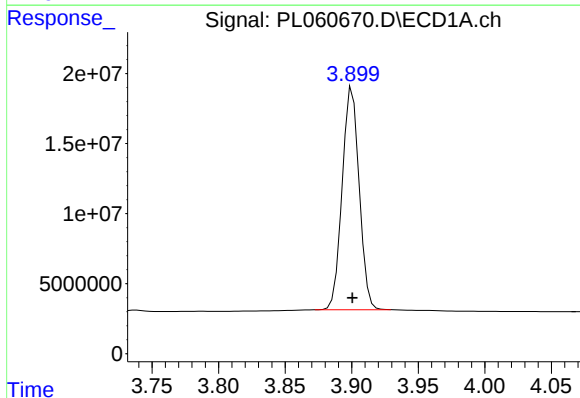
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 92203220  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



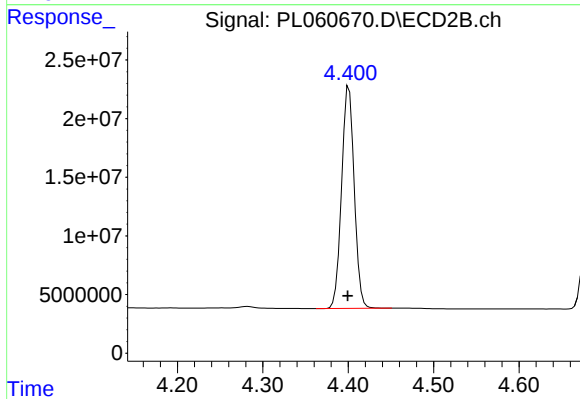
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.001 min  
Response: 127556803  
Conc: 47.97 ng/ml



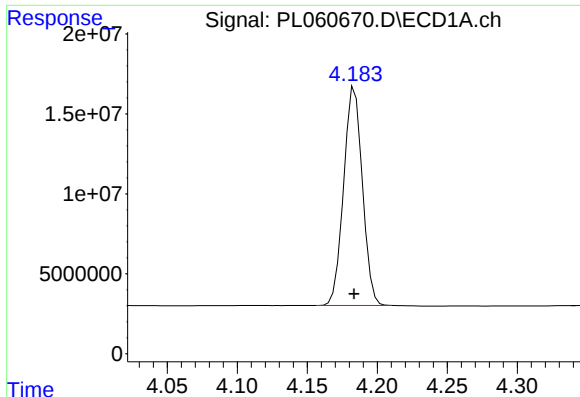
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 141336273  
Conc: 48.77 ng/ml



#2 alpha-BHC

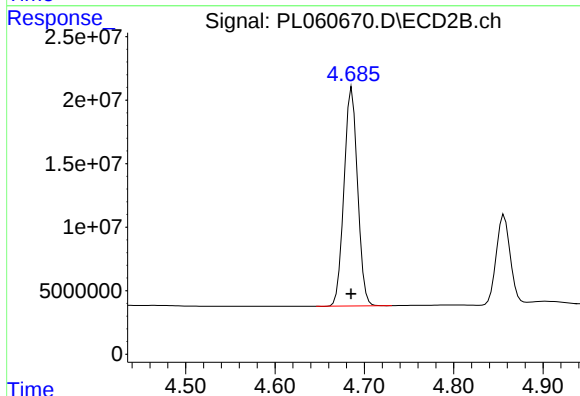
R.T.: 4.401 min  
Delta R.T.: 0.002 min  
Response: 194543838  
Conc: 47.37 ng/ml



#3 gamma-BHC (Lindane)

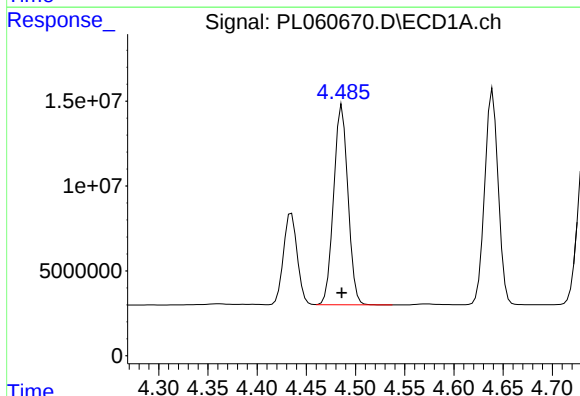
R.T.: 4.184 min  
Delta R.T.: 0.000 min  
Response: 127633967  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



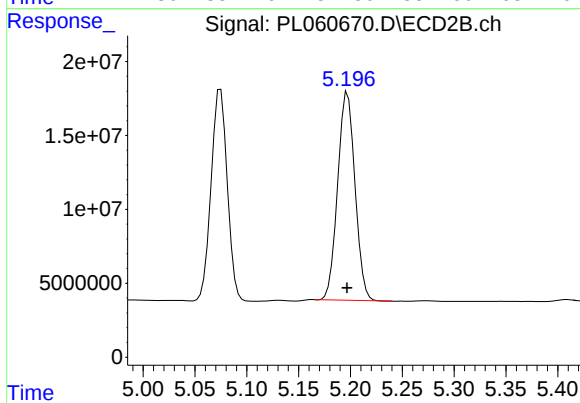
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.001 min  
Response: 180942263  
Conc: 47.14 ng/ml



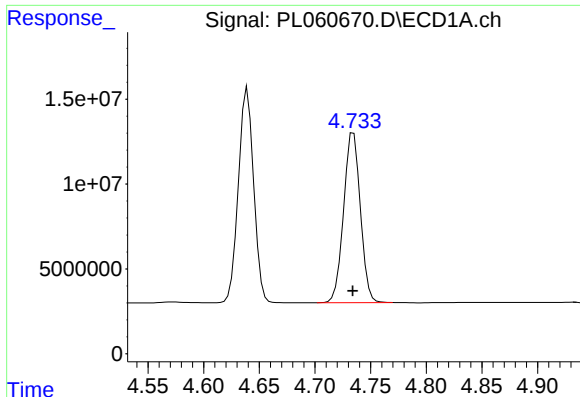
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 119080442  
Conc: 47.90 ng/ml



#4 Heptachlor

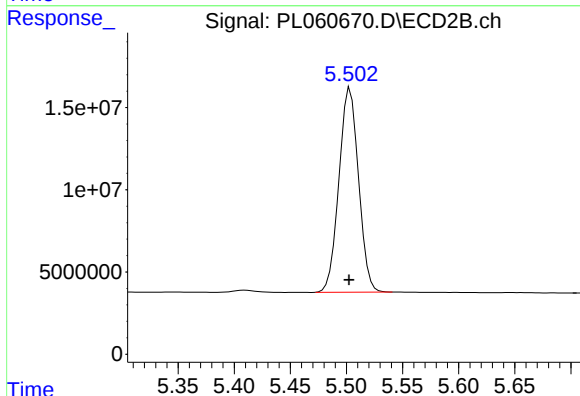
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 163730258  
Conc: 46.29 ng/ml



#5 Aldrin

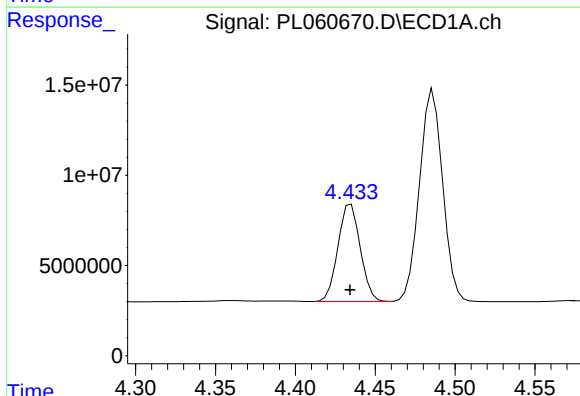
R.T.: 4.735 min  
Delta R.T.: 0.000 min  
Response: 104937513  
Conc: 47.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



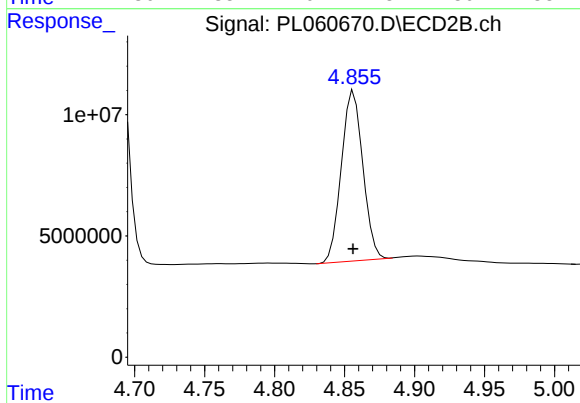
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.001 min  
Response: 150974849  
Conc: 46.00 ng/ml



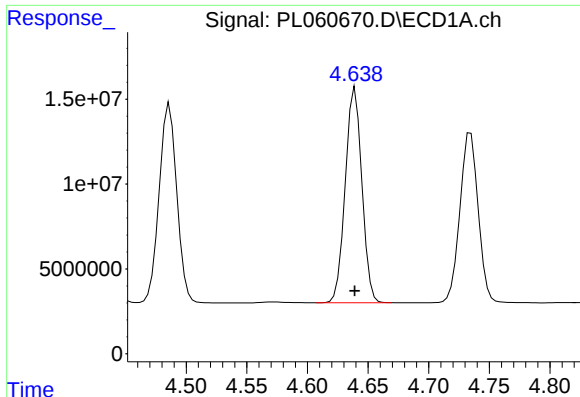
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 52448946  
Conc: 48.50 ng/ml



#6 beta-BHC

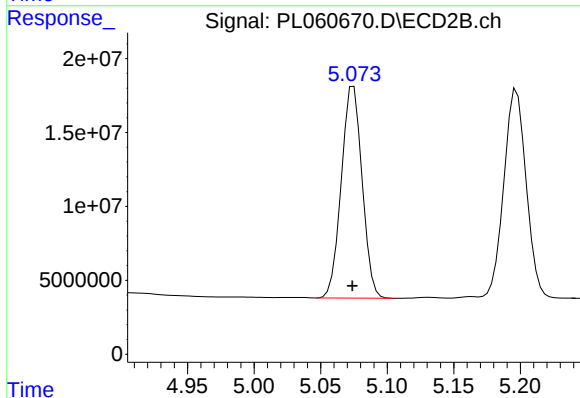
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 75453109  
Conc: 47.10 ng/ml



#7 delta-BHC

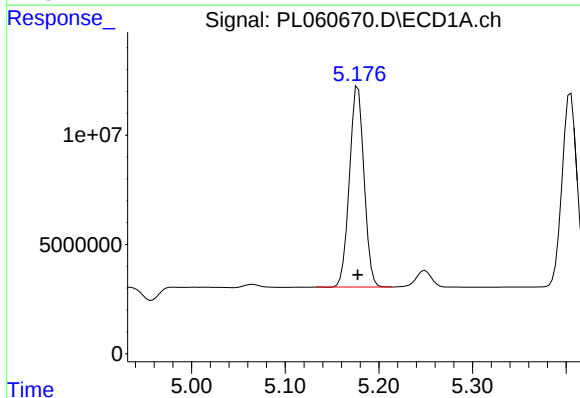
R.T.: 4.640 min  
Delta R.T.: 0.000 min  
Response: 120823395  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



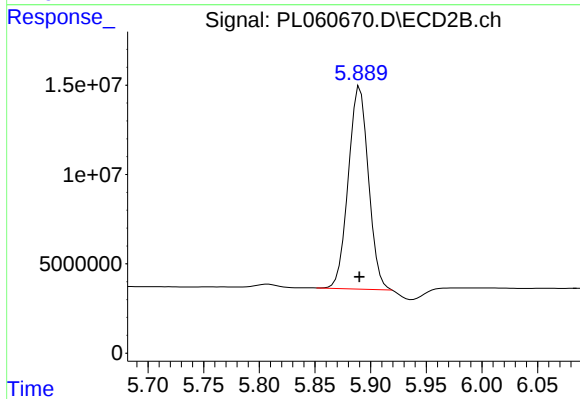
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 155705652  
Conc: 57.27 ng/ml



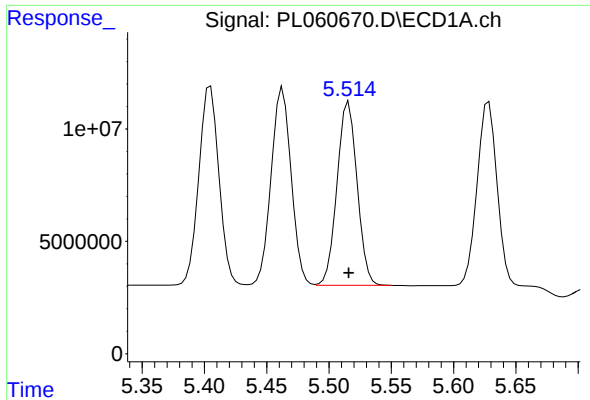
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: 0.000 min  
Response: 99684174  
Conc: 47.15 ng/ml



#8 Heptachlor epoxide

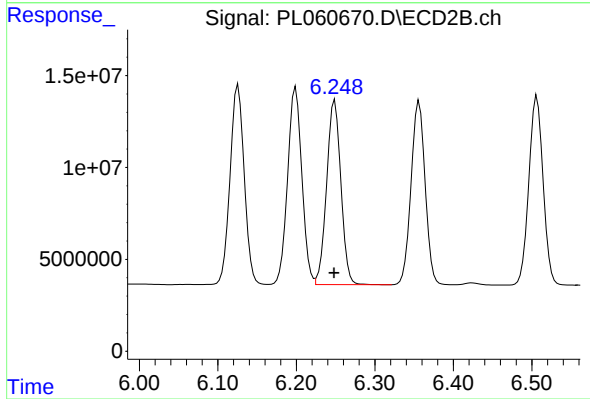
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 142972722  
Conc: 56.02 ng/ml



#9 Endosulfan I

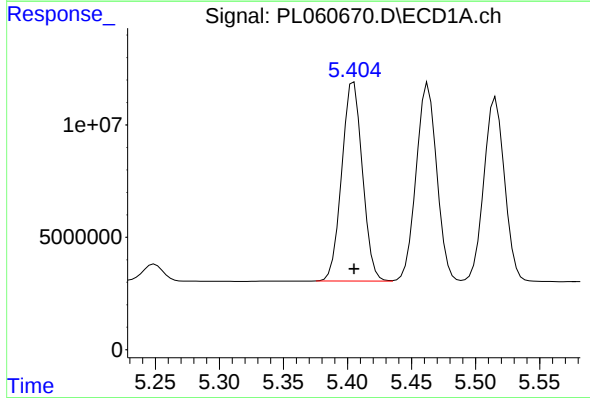
R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 91808699  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



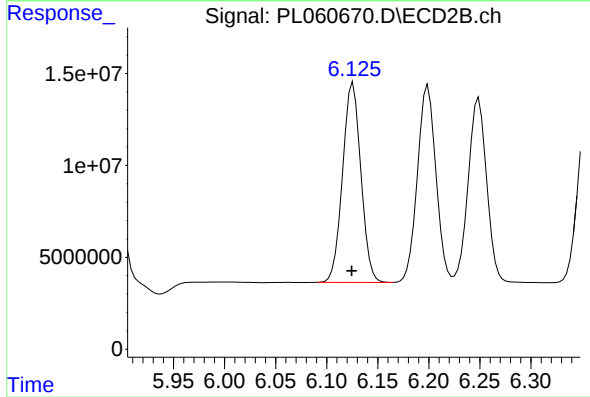
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 126687973  
Conc: 44.73 ng/ml



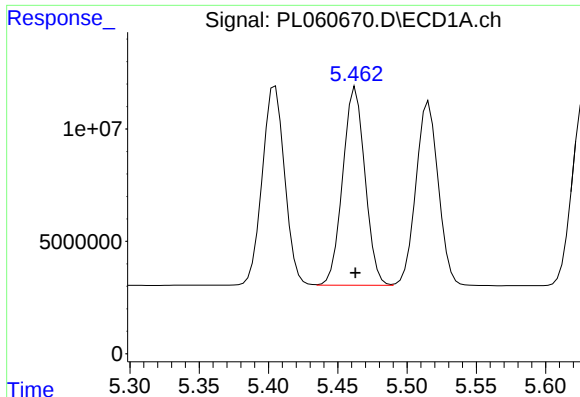
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 99323093  
Conc: 46.85 ng/ml



#10 gamma-Chlordane

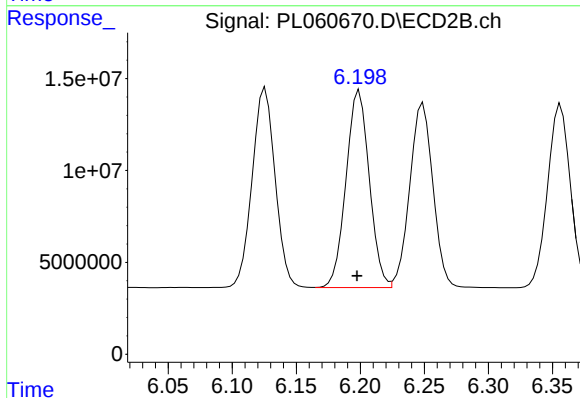
R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 135724415  
Conc: 44.89 ng/ml



#11 alpha-Chlordane

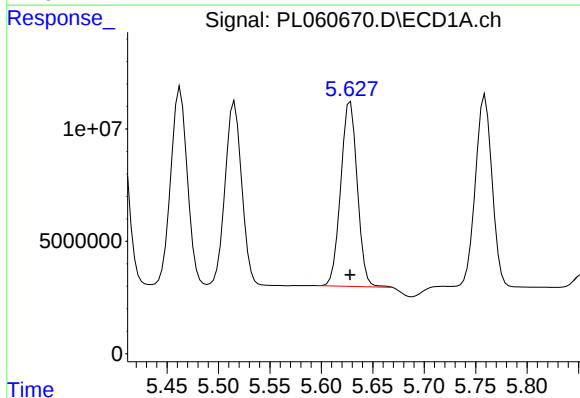
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 98539004  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



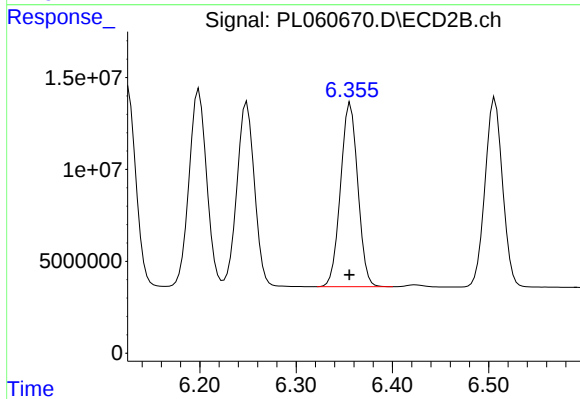
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.002 min  
Response: 135686040  
Conc: 44.14 ng/ml



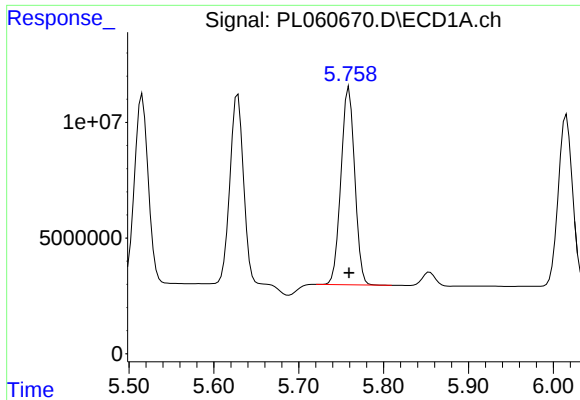
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 92182489  
Conc: 46.49 ng/ml



#12 4,4'-DDE

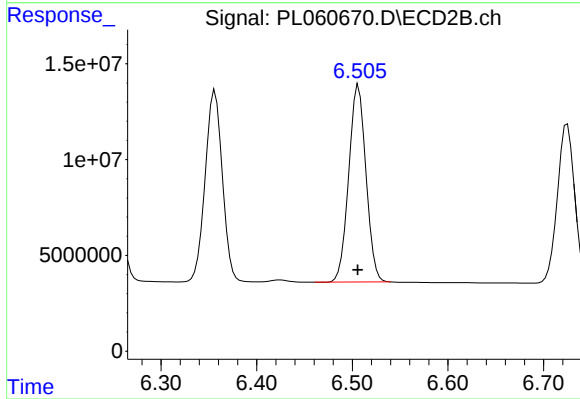
R.T.: 6.356 min  
Delta R.T.: 0.001 min  
Response: 124399827  
Conc: 43.70 ng/ml



#13 Dieldrin

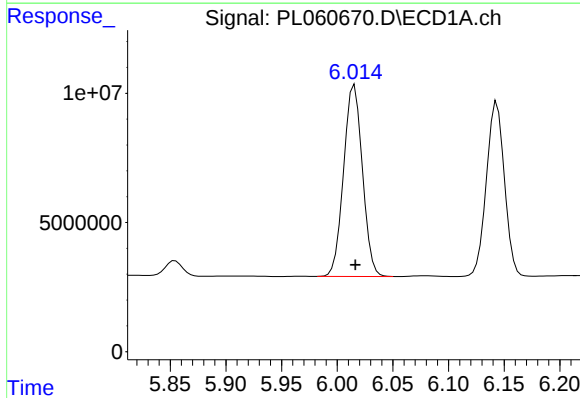
R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 96135738  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



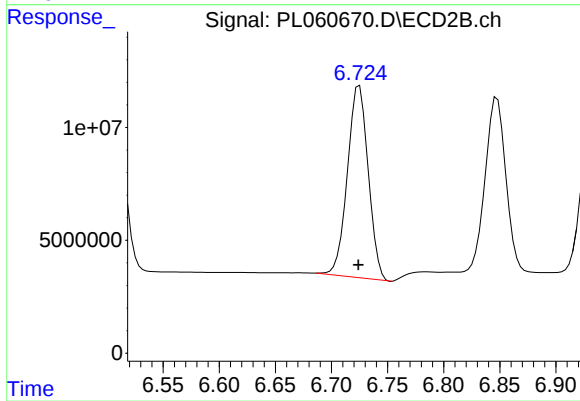
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.000 min  
Response: 129465480  
Conc: 44.40 ng/ml



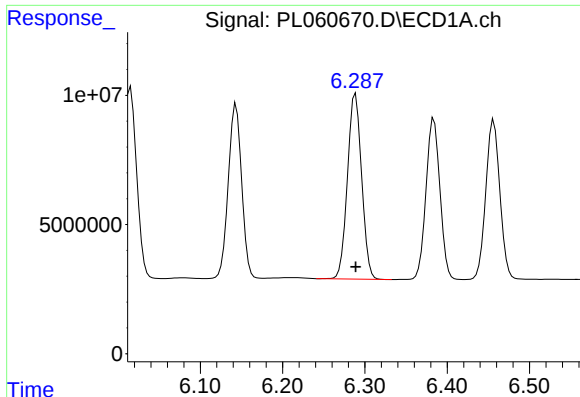
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 87199875  
Conc: 44.65 ng/ml



#14 Endrin

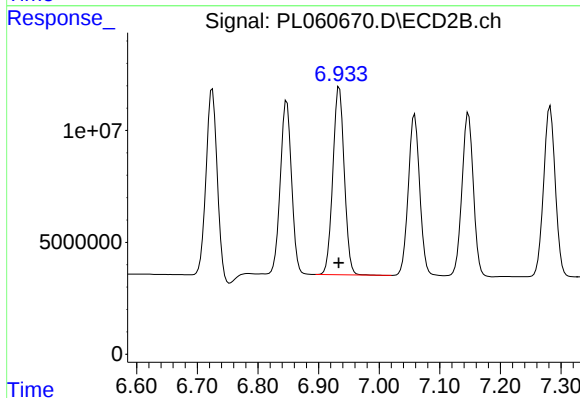
R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 109782763  
Conc: 43.39 ng/ml



#15 Endosulfan II

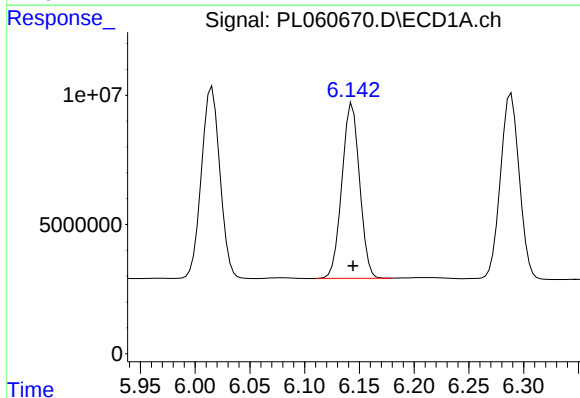
R.T.: 6.289 min  
Delta R.T.: 0.000 min  
Response: 86144932  
Conc: 44.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



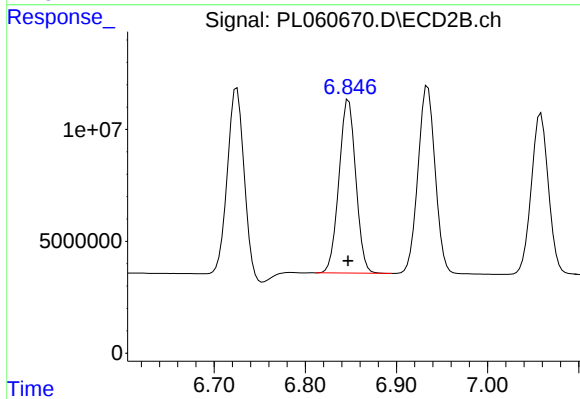
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.001 min  
Response: 110077465  
Conc: 42.20 ng/ml



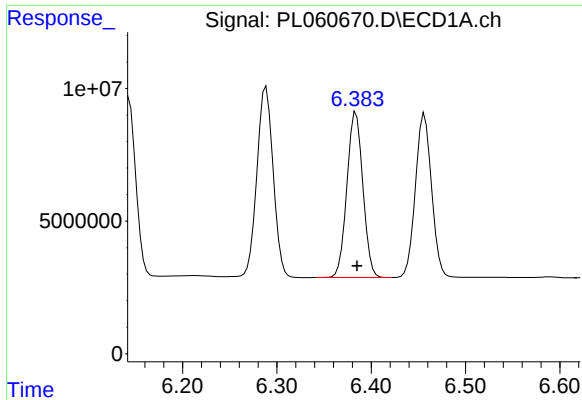
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 76159811  
Conc: 45.24 ng/ml



#16 4,4'-DDD

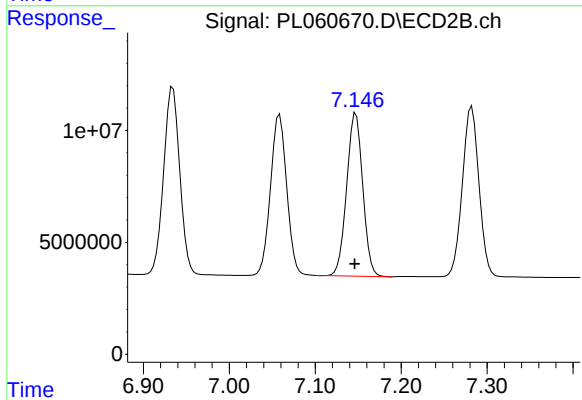
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 99543628  
Conc: 43.38 ng/ml



#17 4,4'-DDT

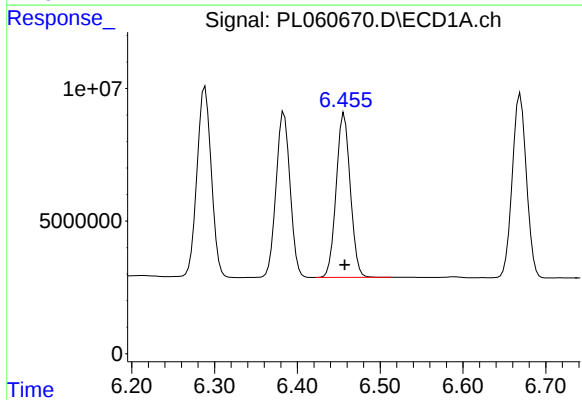
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 73491404  
Conc: 44.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



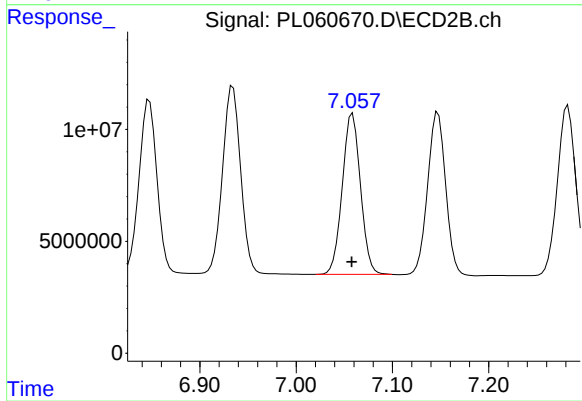
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.001 min  
Response: 95101368  
Conc: 43.50 ng/ml



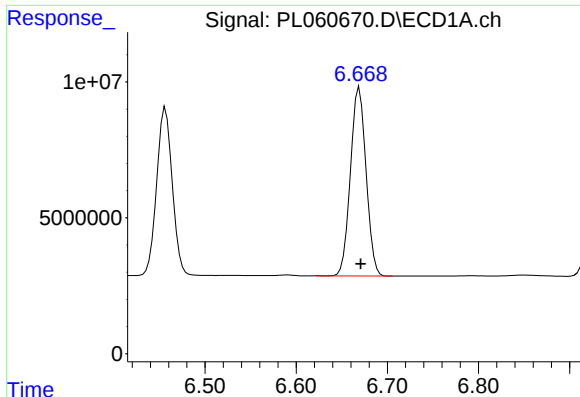
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 73448389  
Conc: 44.02 ng/ml



#18 Endrin aldehyde

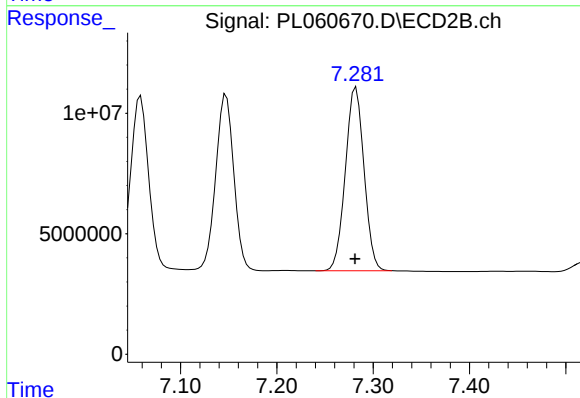
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 94142409  
Conc: 43.37 ng/ml



#19 Endosulfan Sulfate

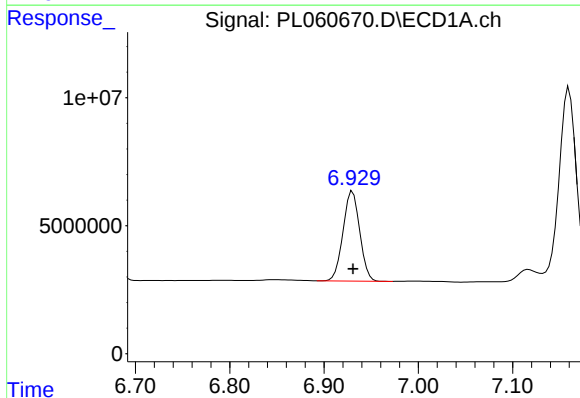
R.T.: 6.669 min  
Delta R.T.: -0.001 min  
Response: 82598999  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



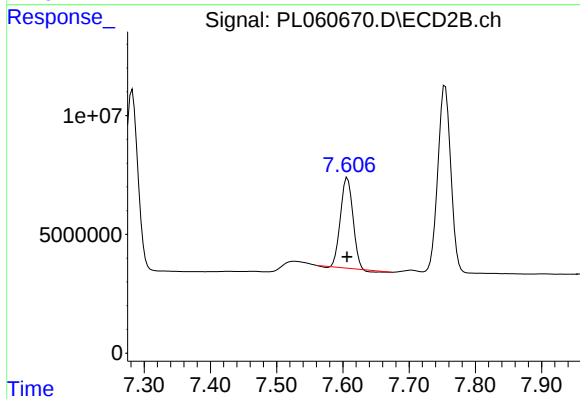
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 102096337  
Conc: 42.49 ng/ml



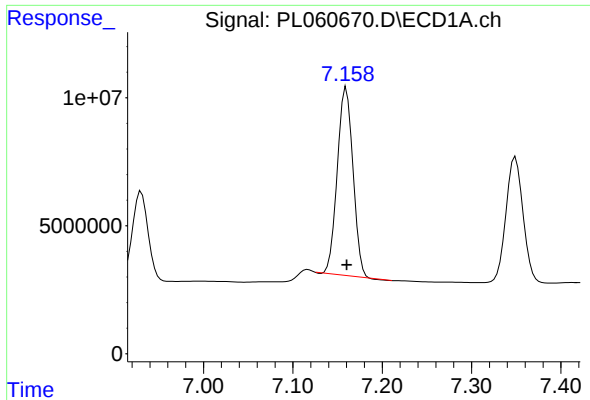
#20 Methoxychlor

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 43220896  
Conc: 42.85 ng/ml



#20 Methoxychlor

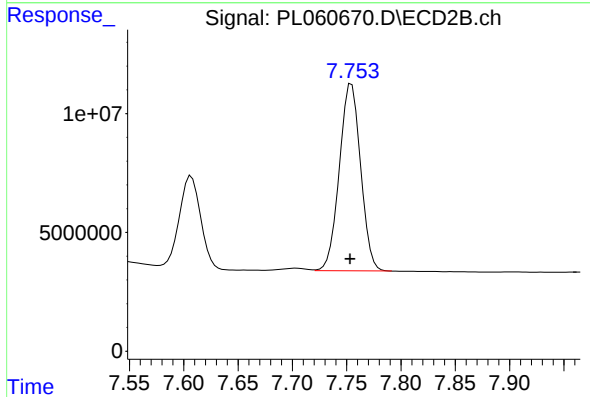
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 49075484  
Conc: 38.95 ng/ml



#21 Endrin ketone

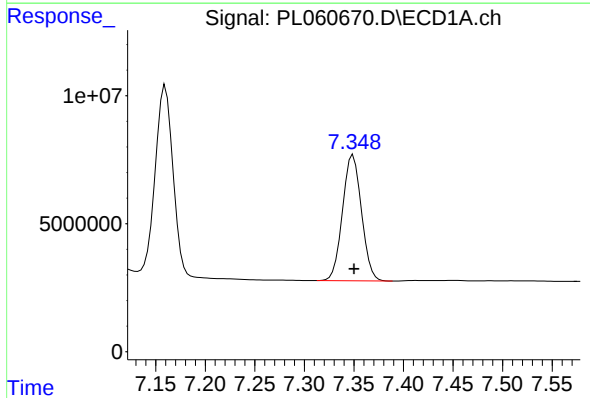
R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 88969534  
Conc: 43.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



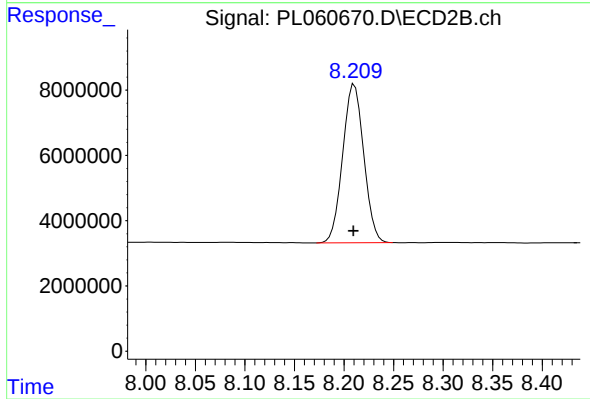
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.001 min  
Response: 107347812  
Conc: 44.05 ng/ml



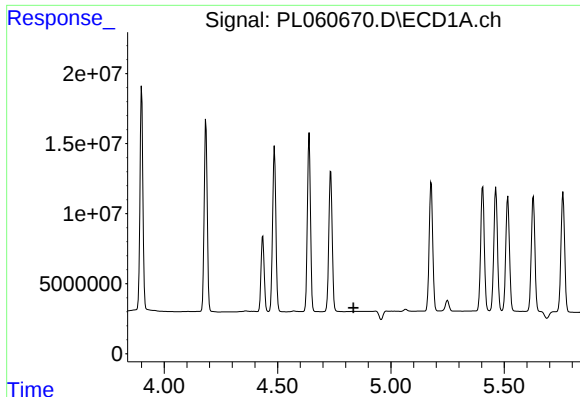
#22 Mirex

R.T.: 7.349 min  
Delta R.T.: -0.001 min  
Response: 65508507  
Conc: 43.57 ng/ml



#22 Mirex

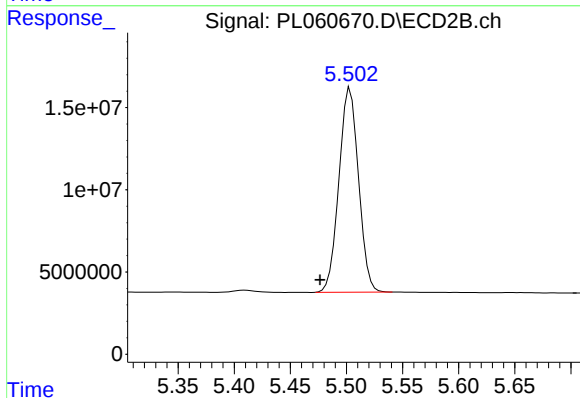
R.T.: 8.210 min  
Delta R.T.: 0.001 min  
Response: 71880231  
Conc: 44.95 ng/ml



#24 Chlordane-2

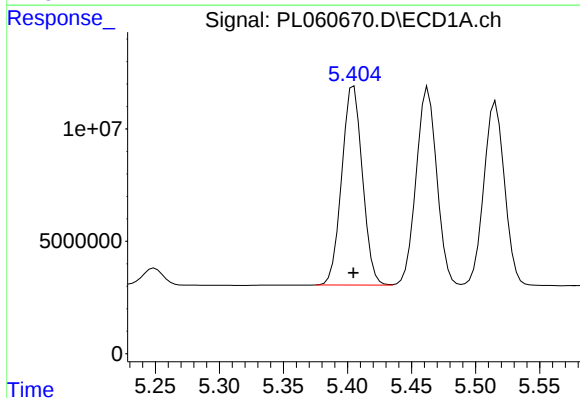
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



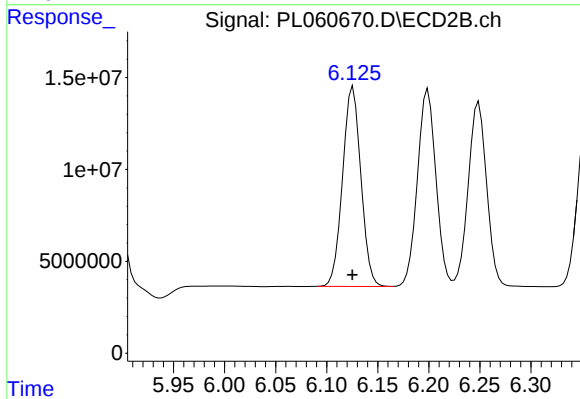
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.027 min  
Response: 150974849  
Conc: 1530.74 ng/ml



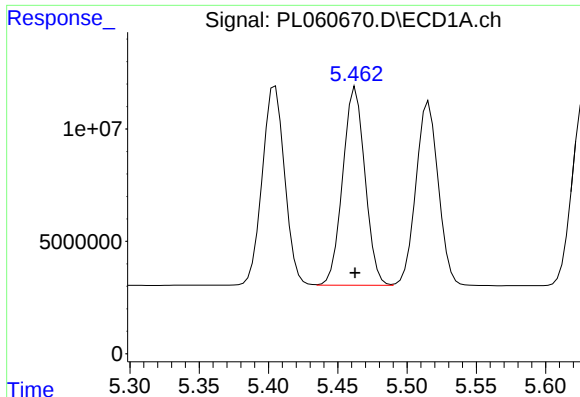
#25 Chlordane-3

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 99323093  
Conc: 566.73 ng/ml



#25 Chlordane-3

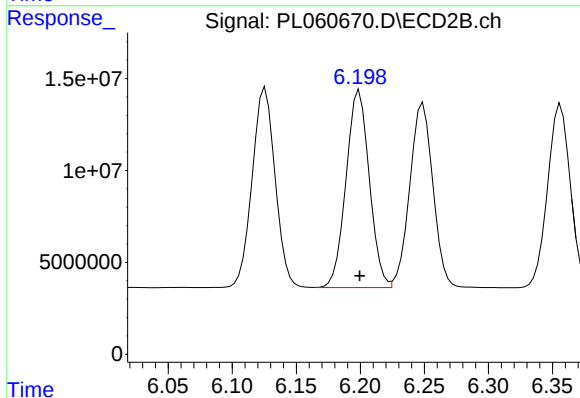
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 135724415  
Conc: 374.82 ng/ml



#26 Chlordane-4

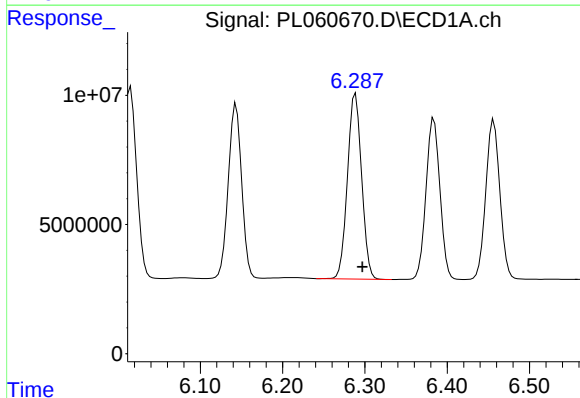
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 98539004  
Conc: 704.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



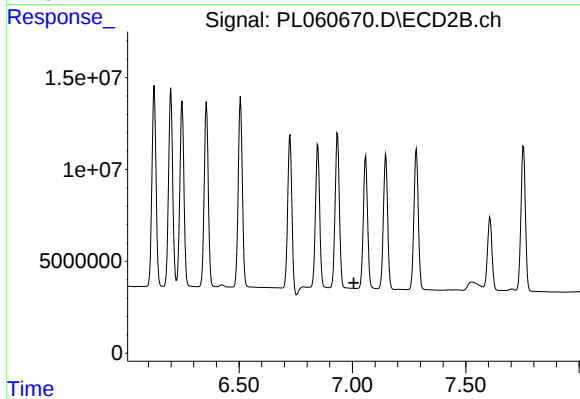
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 135686040  
Conc: 313.00 ng/ml



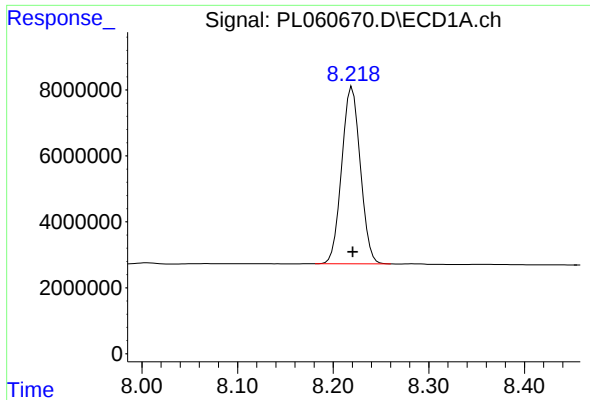
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.008 min  
Response: 86144932  
Conc: 1342.65 ng/ml



#27 Chlordane-5

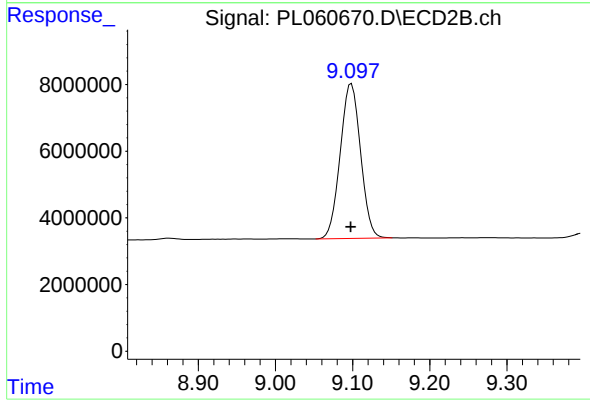
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.220 min  
Delta R.T.: 0.000 min  
Response: 72820863  
Conc: 39.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: 0.000 min  
Response: 84990445  
Conc: 45.30 ng/ml