

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092120\  
 Data File : PL061627.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Sep 2020 12:31  
 Operator : DD\AJ  
 Sample : PB131751BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 15:21:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 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... | 3.459 | 4.006  | 36468563 | 63469162 | 21.145   | 20.634     |
| 28)                         | SA Decachlor... | 8.207 | 9.090  | 32180594 | 45340851 | 19.289   | 19.175     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.395  | 138.2E6  | 248.2E6  | 54.017   | 53.741     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.681  | 120.9E6  | 221.1E6  | 52.964   | 51.537     |
| 4)                          | MA Heptachlor   | 4.479 | 5.191  | 112.4E6  | 202.6E6  | 52.380   | 51.827     |
| 5)                          | MB Aldrin       | 4.726 | 5.497  | 102.9E6  | 192.4E6  | 53.619   | 50.919     |
| 6)                          | B beta-BHC      | 4.429 | 4.852  | 51928444 | 94158181 | 54.059   | 53.918     |
| 7)                          | B delta-BHC     | 4.632 | 5.070  | 116.8E6  | 186.0E6  | 53.934   | 58.303     |
| 8)                          | B Heptachlo...  | 5.169 | 5.884  | 96788652 | 167.5E6  | 51.946   | 56.105     |
| 9)                          | A Endosulfan I  | 5.507 | 6.242  | 90368034 | 159.6E6  | 52.527   | 49.760     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.119  | 97143932 | 173.4E6  | 52.438   | 50.298     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.192  | 95095597 | 170.7E6  | 51.334   | 49.053     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.350  | 91094863 | 162.3E6  | 53.572   | 50.630     |
| 13)                         | MA Dieldrin     | 5.750 | 6.500  | 96360539 | 165.3E6  | 53.683   | 50.428     |
| 14)                         | MA Endrin       | 6.007 | 6.718  | 83970808 | 131.4E6  | 49.966   | 47.007     |
| 15)                         | B Endosulfa...  | 6.279 | 6.928  | 83620268 | 135.7E6  | 48.877   | 45.928     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.841  | 78736624 | 131.7E6  | 54.482   | 51.302     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.141  | 71377628 | 115.1E6  | 51.983   | 45.989     |
| 18)                         | B Endrin al...  | 6.447 | 7.052  | 73115446 | 116.4E6  | 49.668   | 47.558     |
| 19)                         | B Endosulfa...  | 6.660 | 7.276  | 85865859 | 132.7E6  | 52.173   | 48.508     |
| 20)                         | A Methoxychlor  | 6.920 | 7.601  | 39976742 | 61497243 | 46.699   | 42.753     |
| 21)                         | B Endrin ke...  | 7.149 | 7.747  | 99053747 | 136.0E6  | 54.167   | 50.112     |
| 22)                         | Mirex           | 7.339 | 8.203  | 70064424 | 93088004 | 46.858   | 48.344     |
| 24)                         | Chlordane-2     | 0.000 | 5.497f | 0        | 192.4E6  | N.D.     | 1575.290 # |
| 25)                         | Chlordane-3     | 5.396 | 6.119  | 97143932 | 173.4E6  | 585.745  | 401.406 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.192  | 95095597 | 170.7E6  | 690.871  | 326.102 #  |
| 27)                         | Chlordane-5     | 6.279 | 0.000  | 83620268 | 0        | 1487.725 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

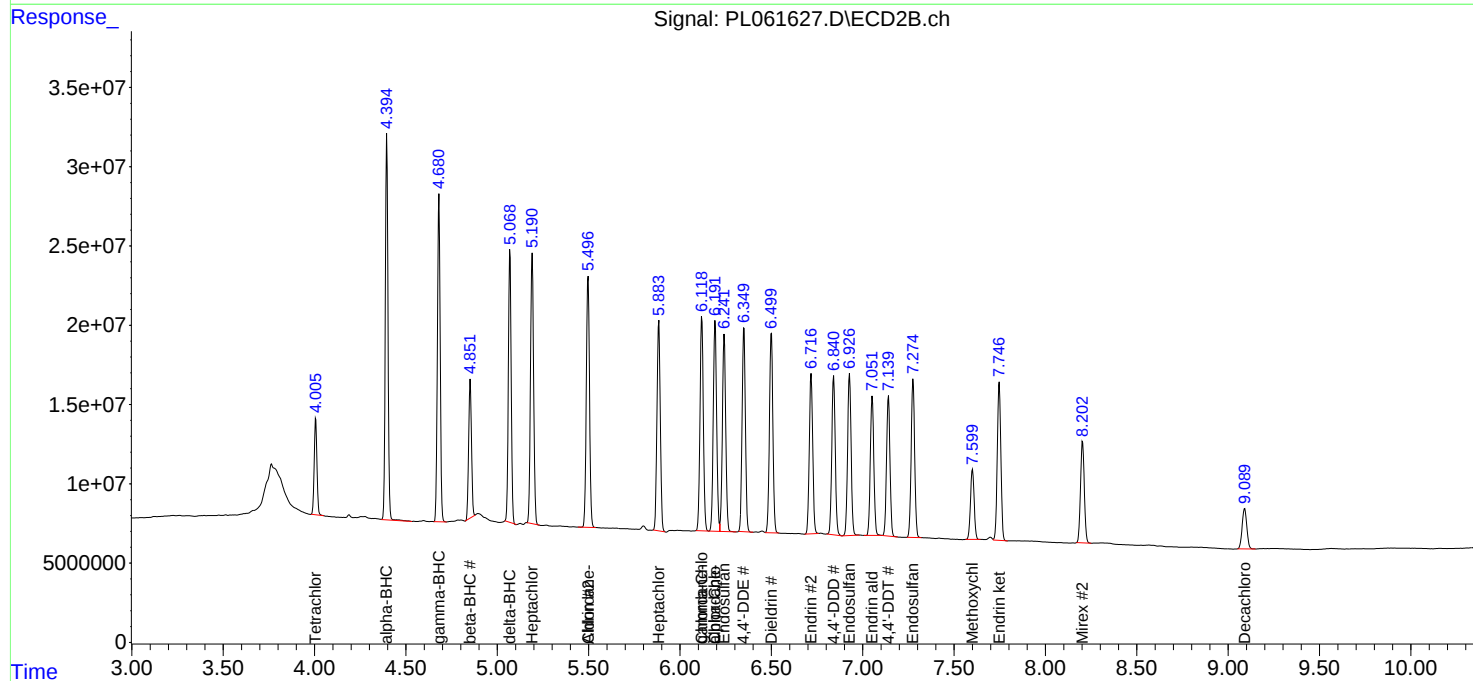
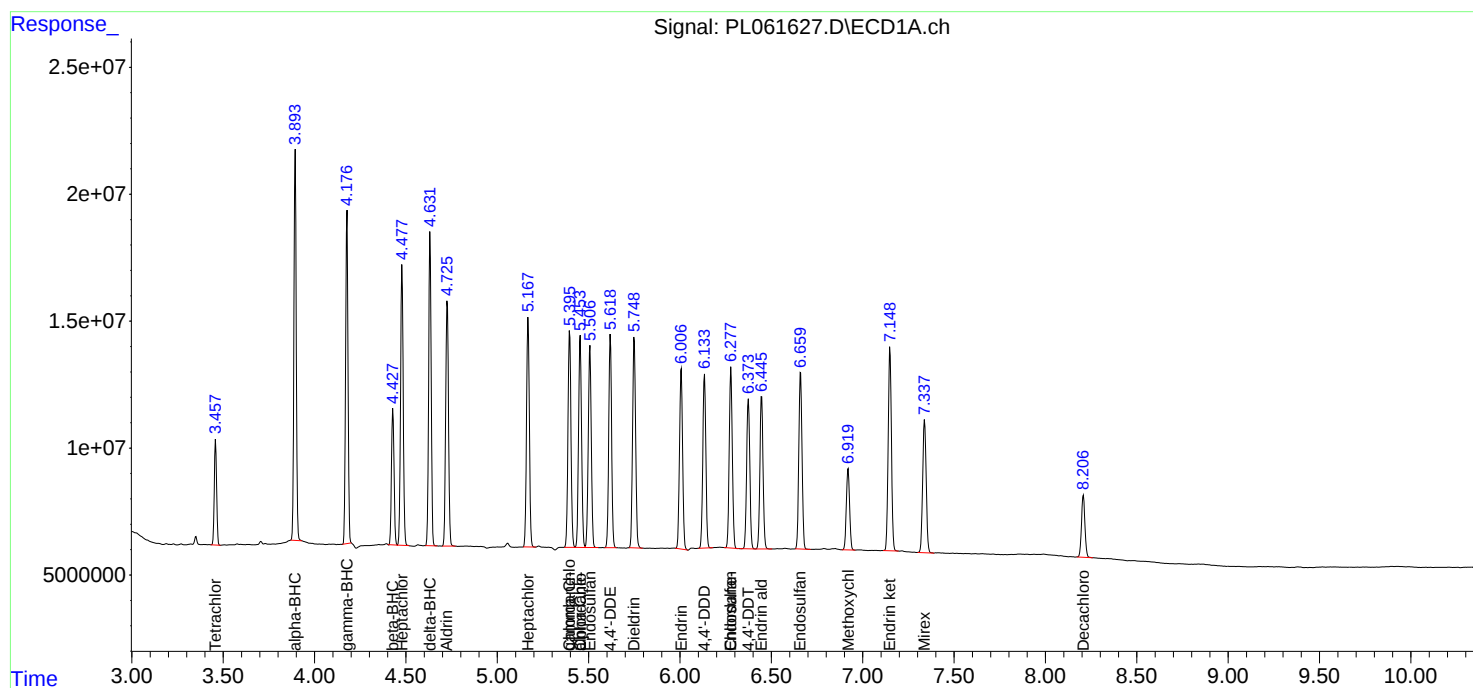
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

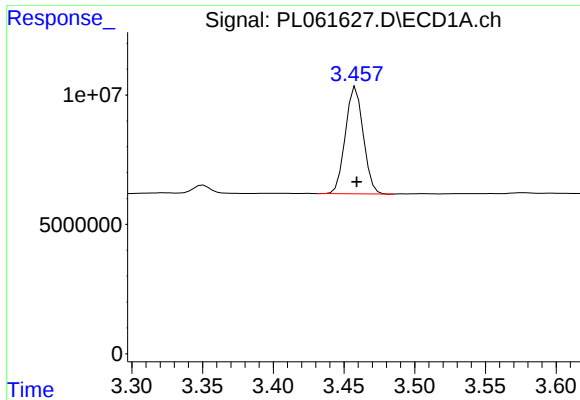
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092120\  
Data File : PL061627.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Sep 2020 12:31  
Operator : DD\AJ  
Sample : PB131751BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 15:21:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 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

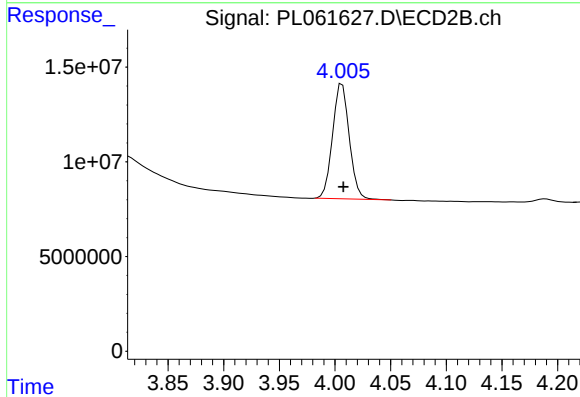




#1 Tetrachloro-m-xylene

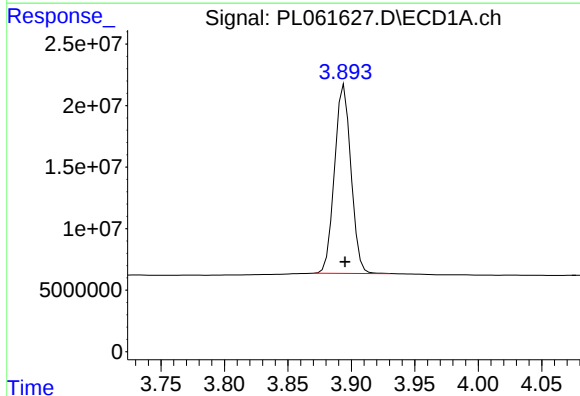
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 36468563  
Conc: 21.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



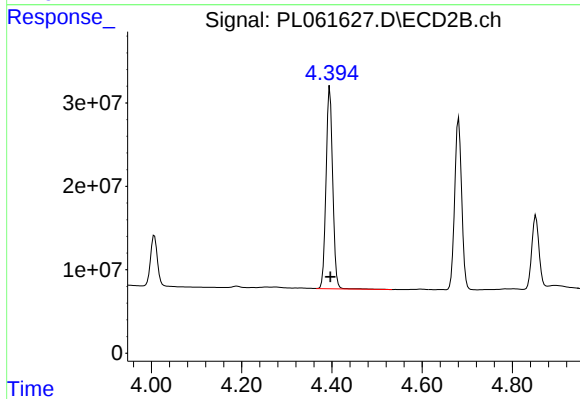
#1 Tetrachloro-m-xylene

R.T.: 4.006 min  
Delta R.T.: -0.001 min  
Response: 63469162  
Conc: 20.63 ng/ml



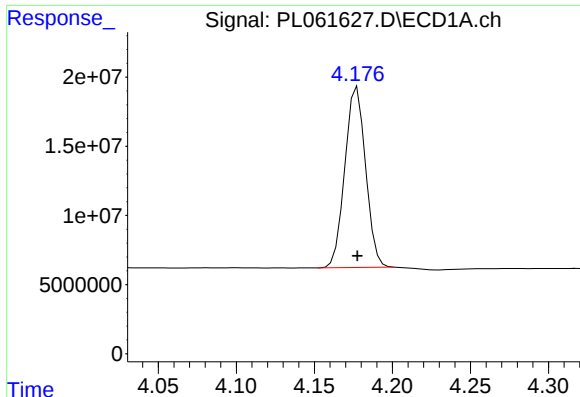
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 138236049  
Conc: 54.02 ng/ml



#2 alpha-BHC

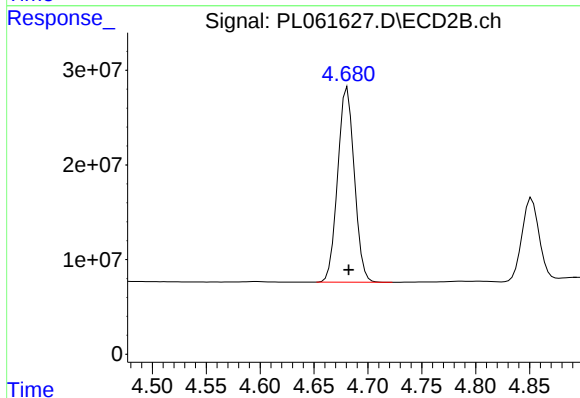
R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 248186666  
Conc: 53.74 ng/ml



#3 gamma-BHC (Lindane)

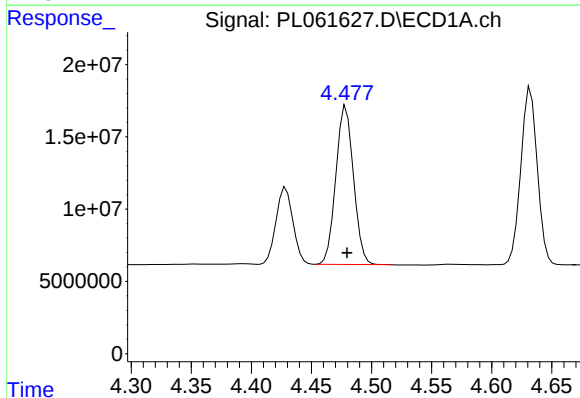
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 120882129  
Conc: 52.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



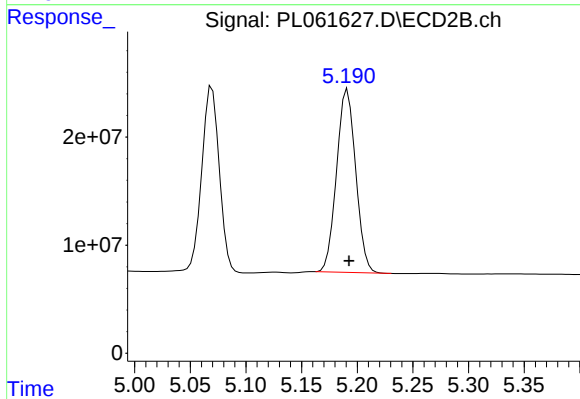
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: -0.001 min  
Response: 221113625  
Conc: 51.54 ng/ml



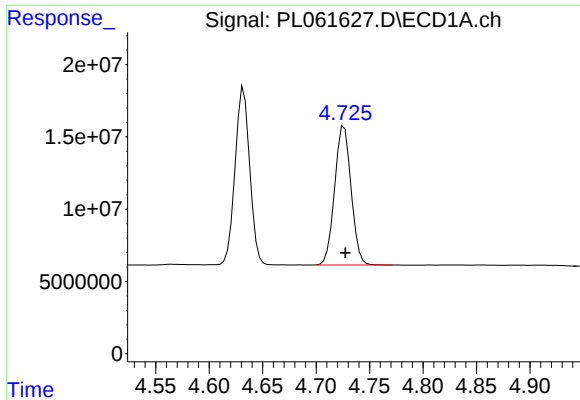
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: -0.001 min  
Response: 112382911  
Conc: 52.38 ng/ml



#4 Heptachlor

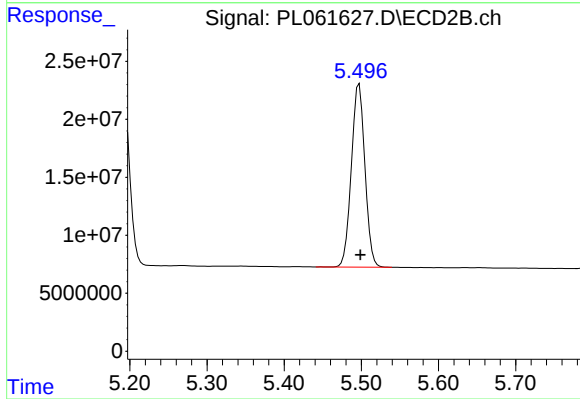
R.T.: 5.191 min  
Delta R.T.: -0.001 min  
Response: 202603925  
Conc: 51.83 ng/ml



#5 Aldrin

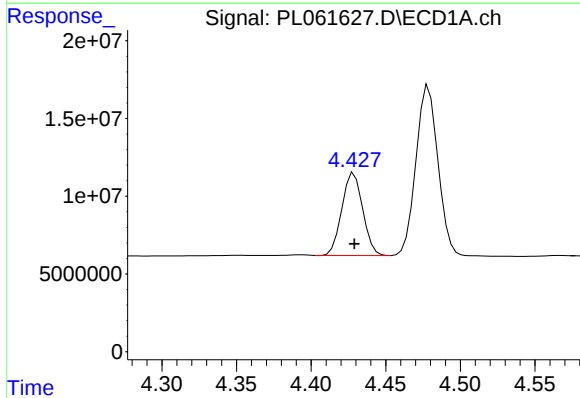
R.T.: 4.726 min  
Delta R.T.: -0.001 min  
Response: 102947230  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



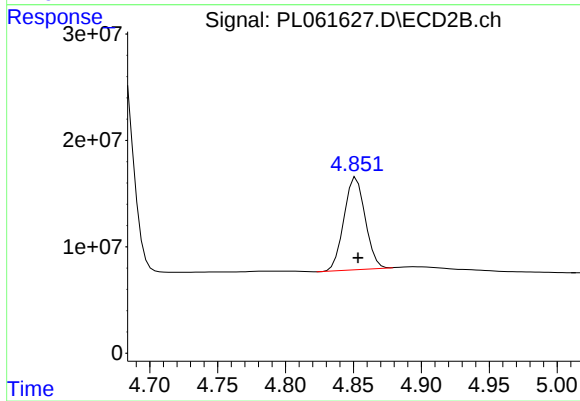
#5 Aldrin

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 192401368  
Conc: 50.92 ng/ml



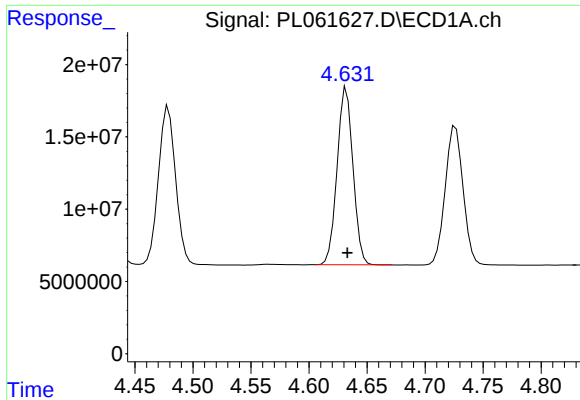
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 51928444  
Conc: 54.06 ng/ml



#6 beta-BHC

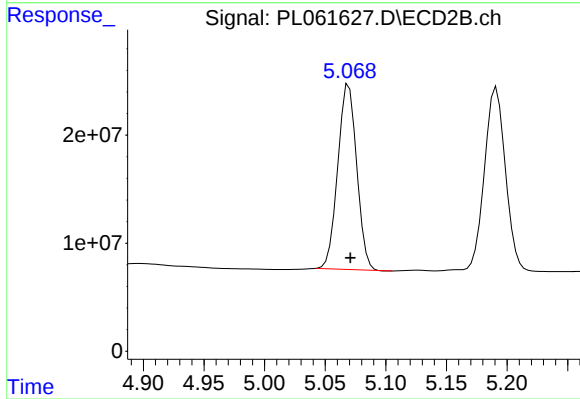
R.T.: 4.852 min  
Delta R.T.: -0.001 min  
Response: 94158181  
Conc: 53.92 ng/ml



#7 delta-BHC

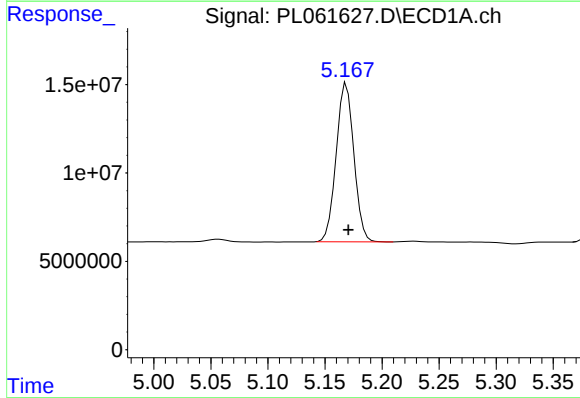
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 116833663  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



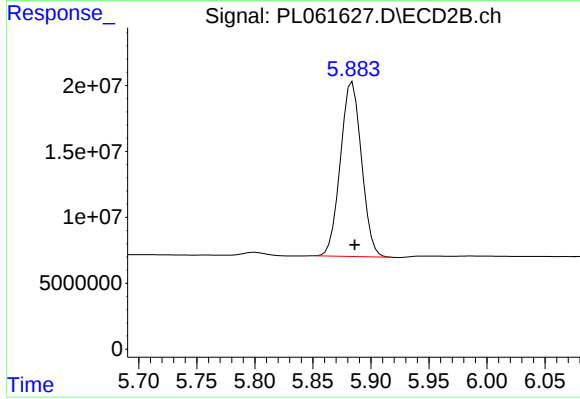
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 185958561  
Conc: 58.30 ng/ml



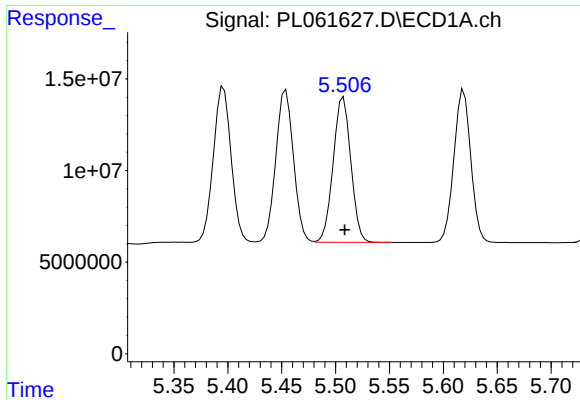
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 96788652  
Conc: 51.95 ng/ml



#8 Heptachlor epoxide

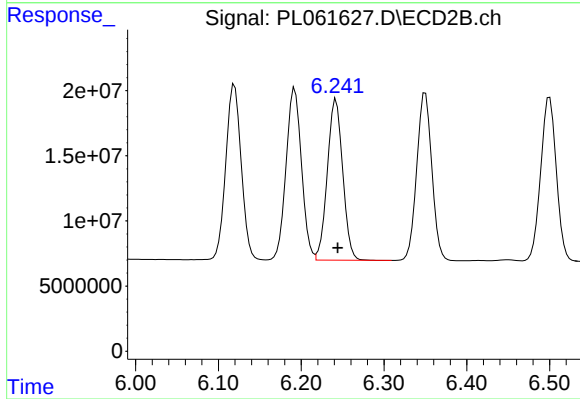
R.T.: 5.884 min  
Delta R.T.: -0.002 min  
Response: 167522378  
Conc: 56.10 ng/ml



#9 Endosulfan I

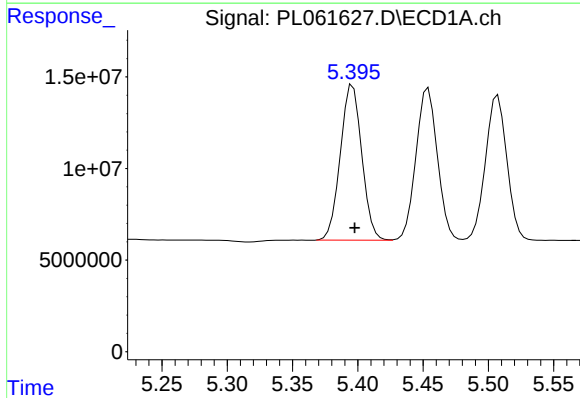
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 90368034  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



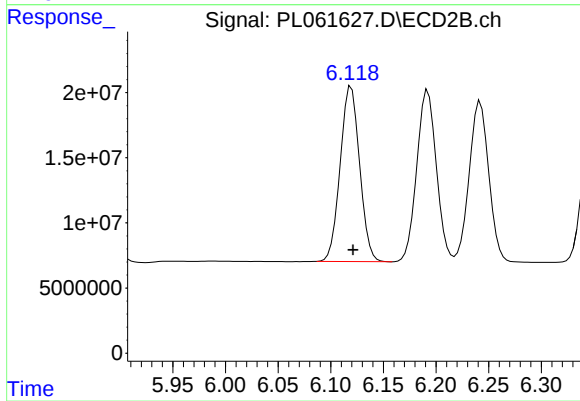
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: -0.002 min  
Response: 159622640  
Conc: 49.76 ng/ml



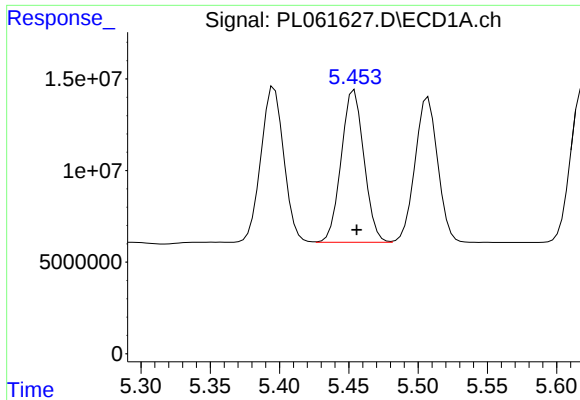
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 97143932  
Conc: 52.44 ng/ml



#10 gamma-Chlordane

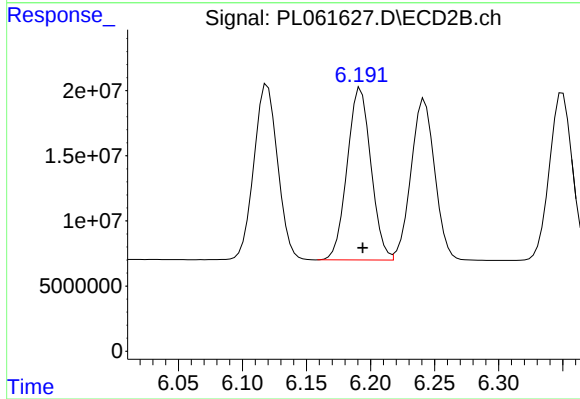
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 173398580  
Conc: 50.30 ng/ml



#11 alpha-Chlordane

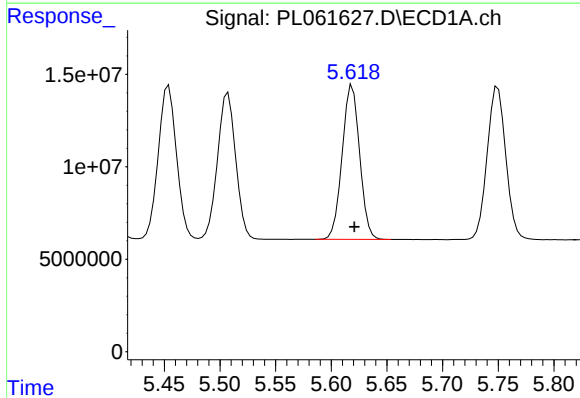
R.T.: 5.454 min  
Delta R.T.: -0.002 min  
Response: 95095597  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



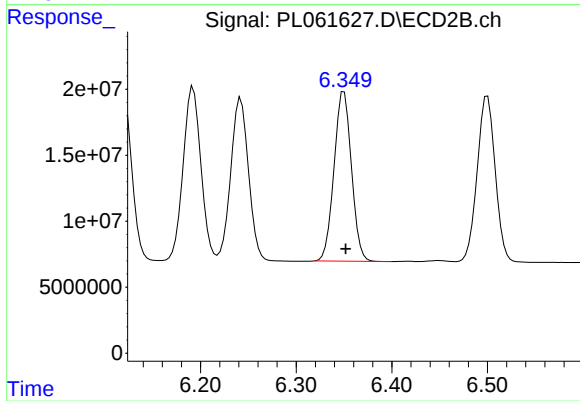
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 170705610  
Conc: 49.05 ng/ml



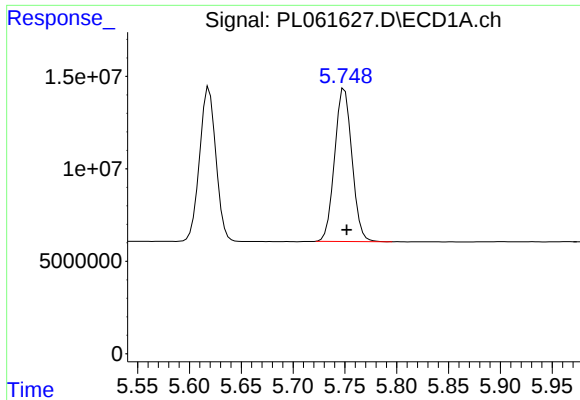
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: -0.002 min  
Response: 91094863  
Conc: 53.57 ng/ml



#12 4,4'-DDE

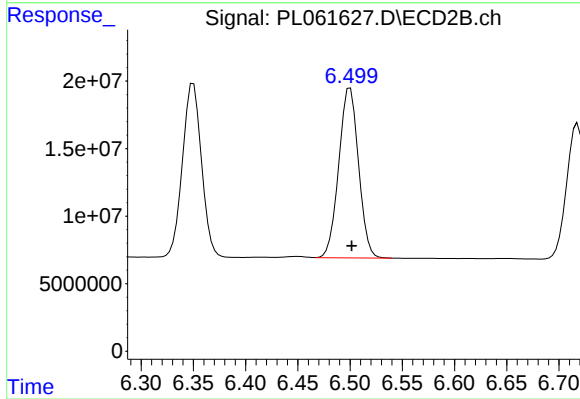
R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 162291114  
Conc: 50.63 ng/ml



#13 Dieldrin

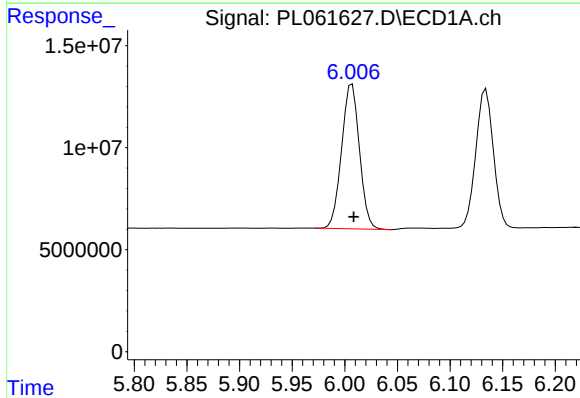
R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 96360539  
Conc: 53.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



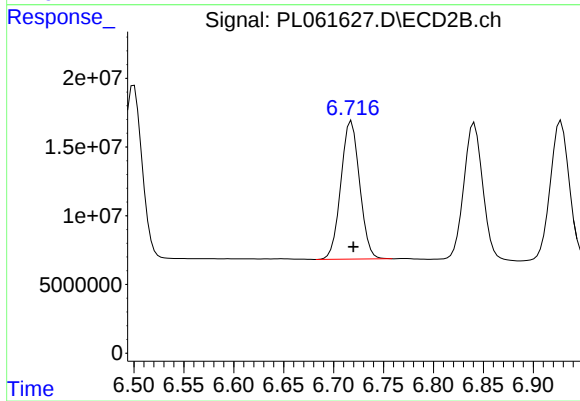
#13 Dieldrin

R.T.: 6.500 min  
Delta R.T.: -0.001 min  
Response: 165339385  
Conc: 50.43 ng/ml



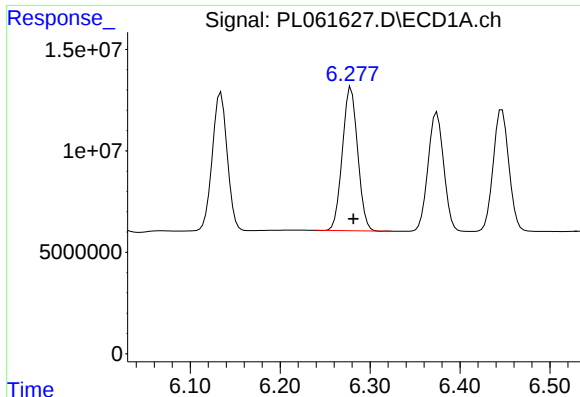
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.002 min  
Response: 83970808  
Conc: 49.97 ng/ml



#14 Endrin

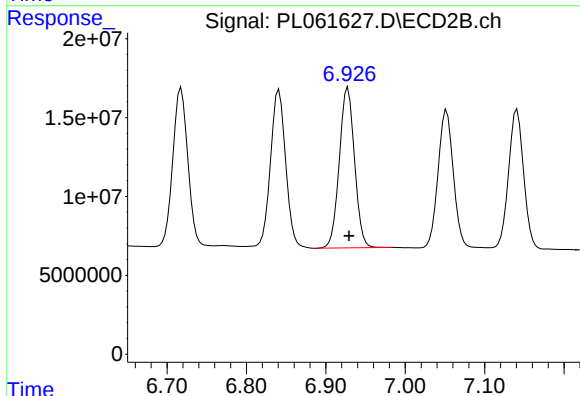
R.T.: 6.718 min  
Delta R.T.: -0.002 min  
Response: 131437165  
Conc: 47.01 ng/ml



#15 Endosulfan II

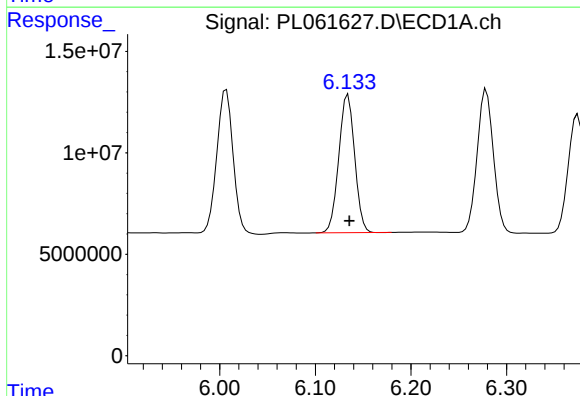
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 83620268  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



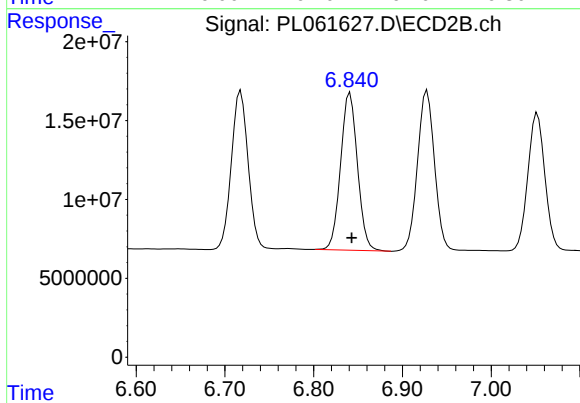
#15 Endosulfan II

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 135663703  
Conc: 45.93 ng/ml



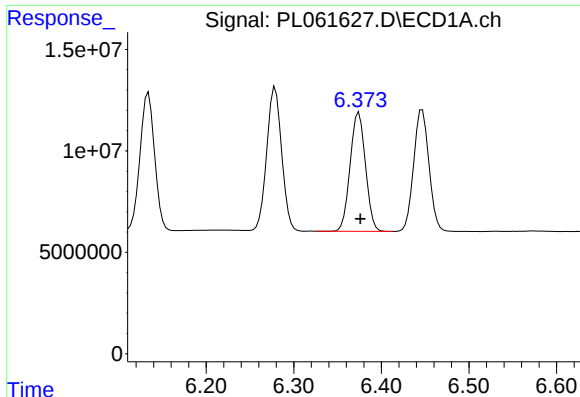
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 78736624  
Conc: 54.48 ng/ml



#16 4,4'-DDD

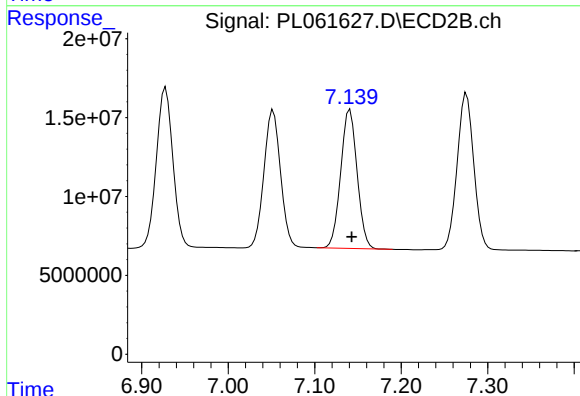
R.T.: 6.841 min  
Delta R.T.: -0.002 min  
Response: 131743519  
Conc: 51.30 ng/ml



#17 4,4'-DDT

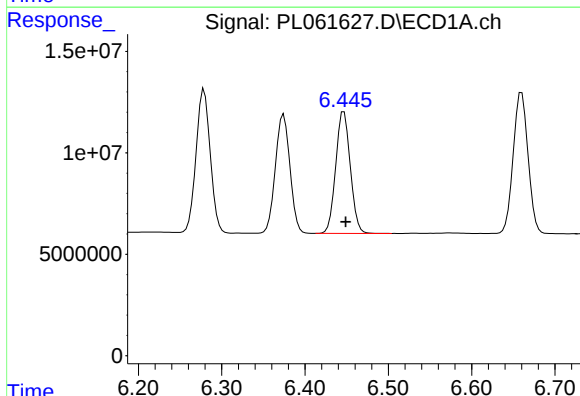
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 71377628  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



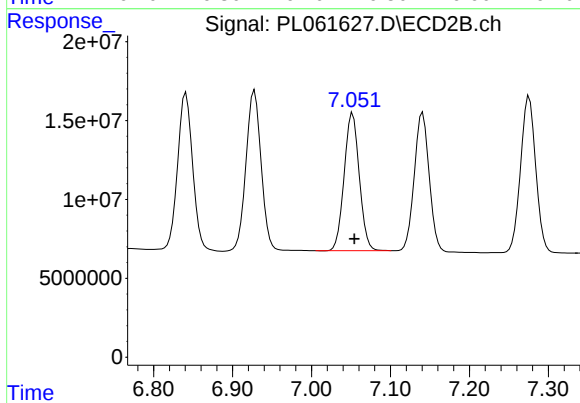
#17 4,4'-DDT

R.T.: 7.141 min  
Delta R.T.: -0.002 min  
Response: 115115457  
Conc: 45.99 ng/ml



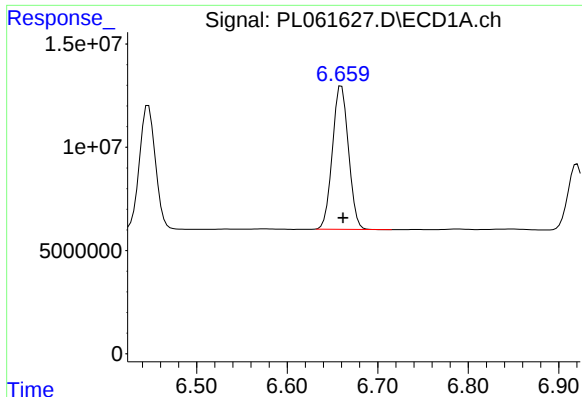
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 73115446  
Conc: 49.67 ng/ml



#18 Endrin aldehyde

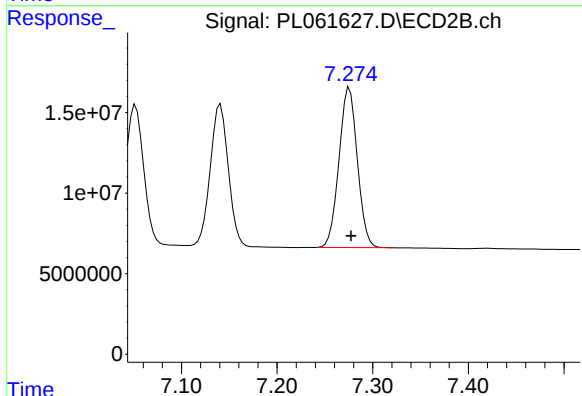
R.T.: 7.052 min  
Delta R.T.: -0.002 min  
Response: 116351926  
Conc: 47.56 ng/ml



#19 Endosulfan Sulfate

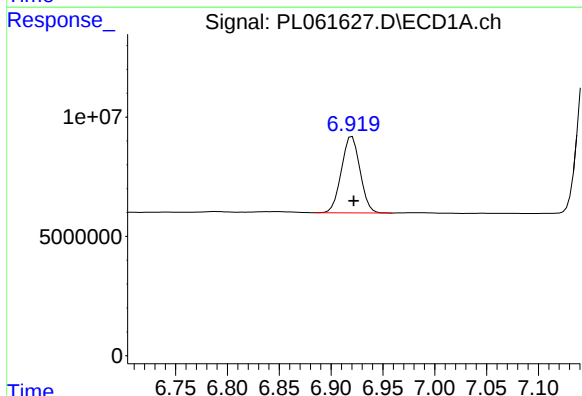
R.T.: 6.660 min  
Delta R.T.: -0.002 min  
Response: 85865859  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



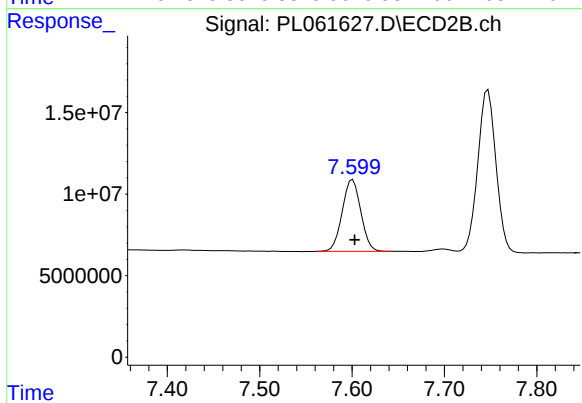
#19 Endosulfan Sulfate

R.T.: 7.276 min  
Delta R.T.: -0.002 min  
Response: 132703693  
Conc: 48.51 ng/ml



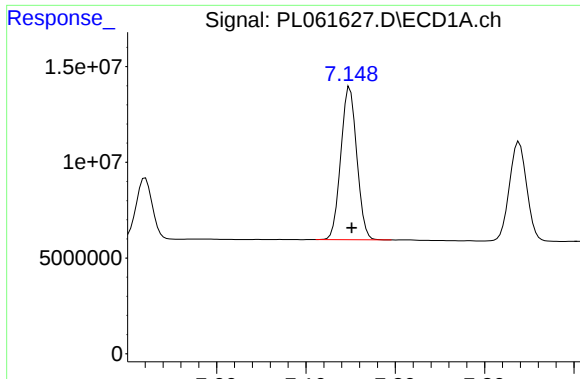
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 39976742  
Conc: 46.70 ng/ml



#20 Methoxychlor

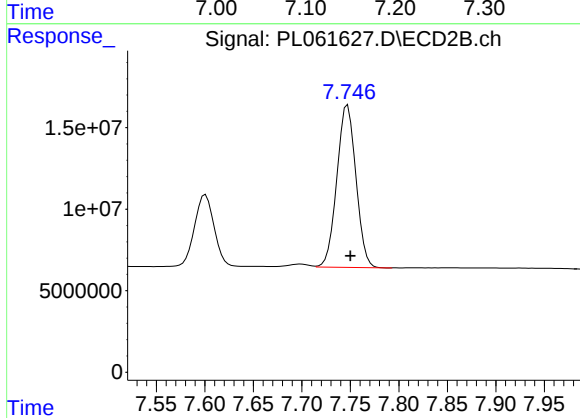
R.T.: 7.601 min  
Delta R.T.: -0.002 min  
Response: 61497243  
Conc: 42.75 ng/ml



#21 Endrin ketone

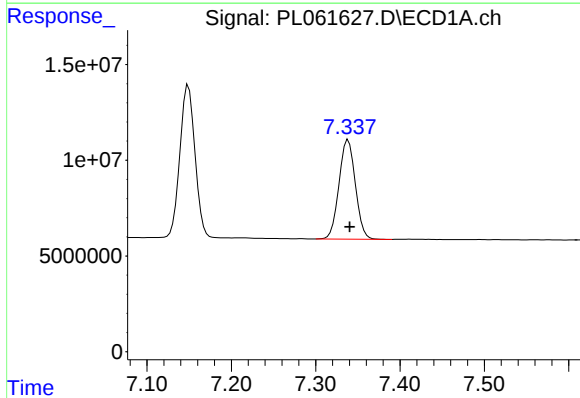
R.T.: 7.149 min  
Delta R.T.: -0.002 min  
Response: 99053747  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



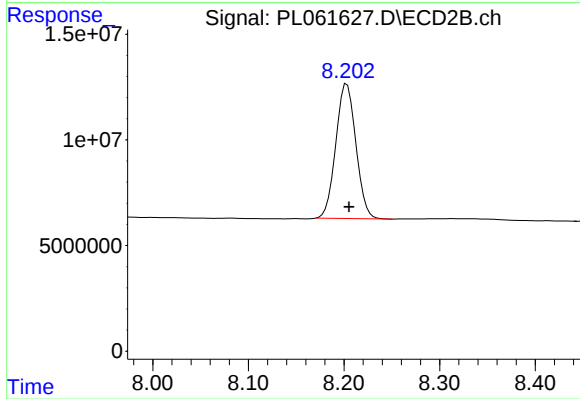
#21 Endrin ketone

R.T.: 7.747 min  
Delta R.T.: -0.003 min  
Response: 136043615  
Conc: 50.11 ng/ml



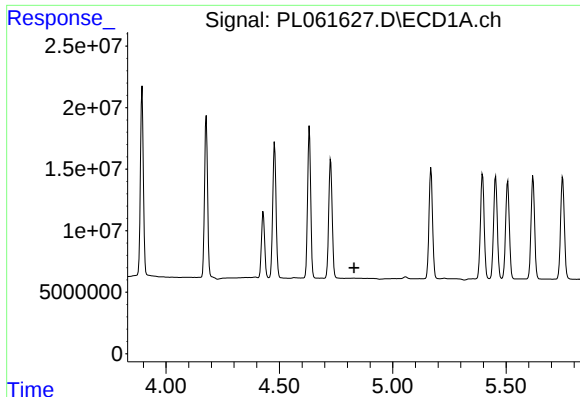
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.002 min  
Response: 70064424  
Conc: 46.86 ng/ml



#22 Mirex

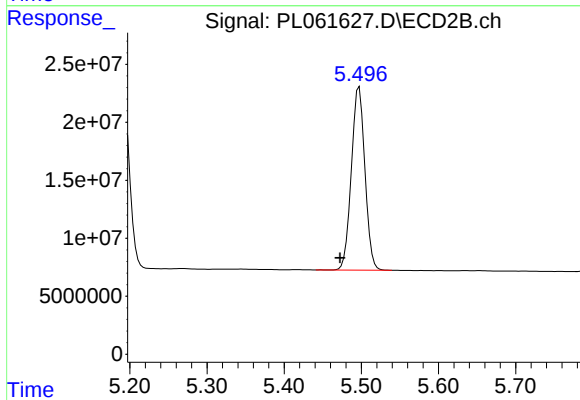
R.T.: 8.203 min  
Delta R.T.: -0.002 min  
Response: 93088004  
Conc: 48.34 ng/ml



#24 Chlordane-2

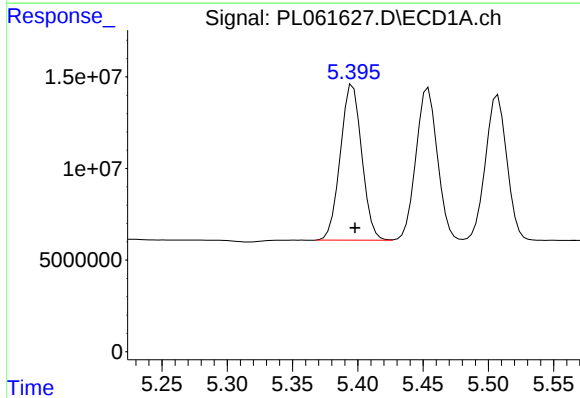
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



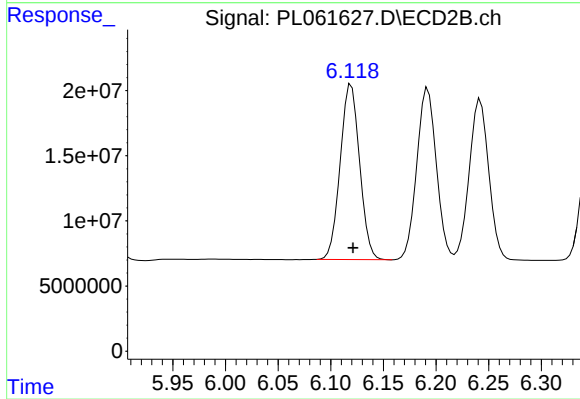
#24 Chlordane-2

R.T.: 5.497 min  
Delta R.T.: 0.025 min  
Response: 192401368  
Conc: 1575.29 ng/ml



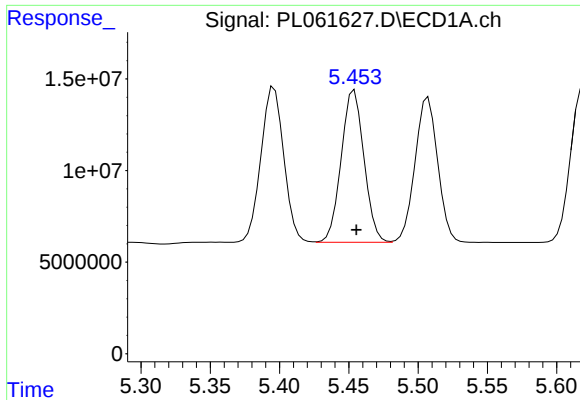
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 97143932  
Conc: 585.75 ng/ml



#25 Chlordane-3

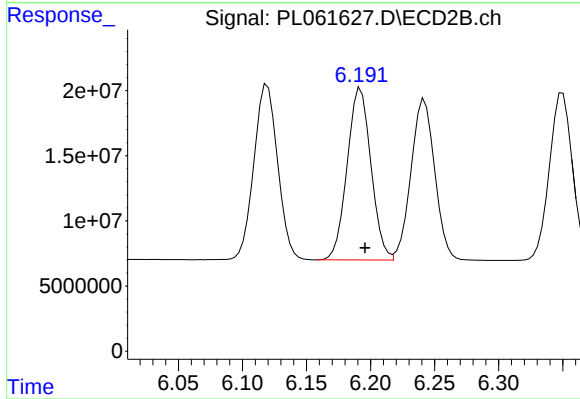
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 173398580  
Conc: 401.41 ng/ml



#26 Chlordane-4

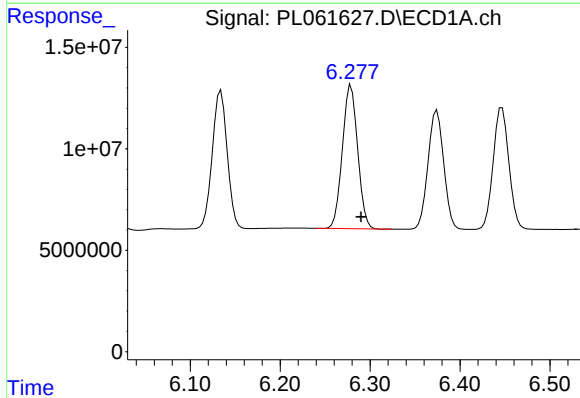
R.T.: 5.454 min  
Delta R.T.: -0.002 min  
Response: 95095597  
Conc: 690.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



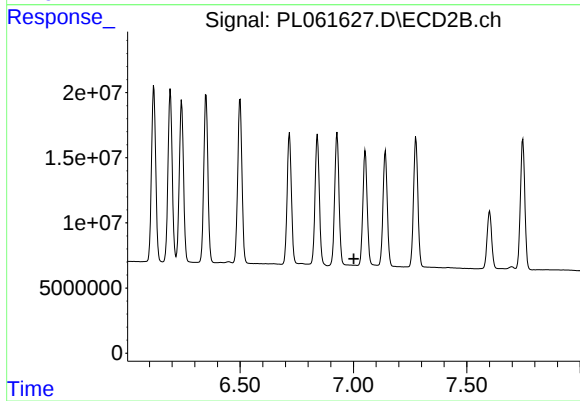
#26 Chlordane-4

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 170705610  
Conc: 326.10 ng/ml



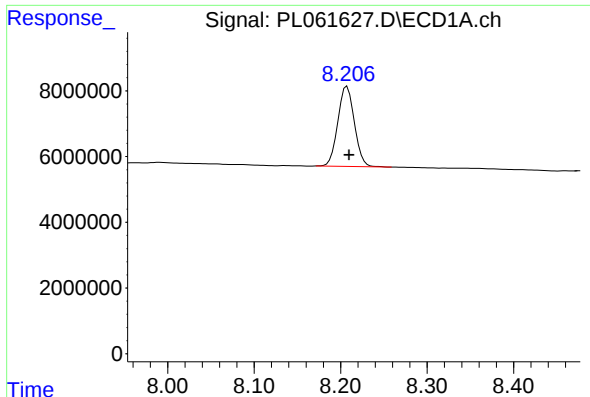
#27 Chlordane-5

R.T.: 6.279 min  
Delta R.T.: -0.011 min  
Response: 83620268  
Conc: 1487.72 ng/ml



#27 Chlordane-5

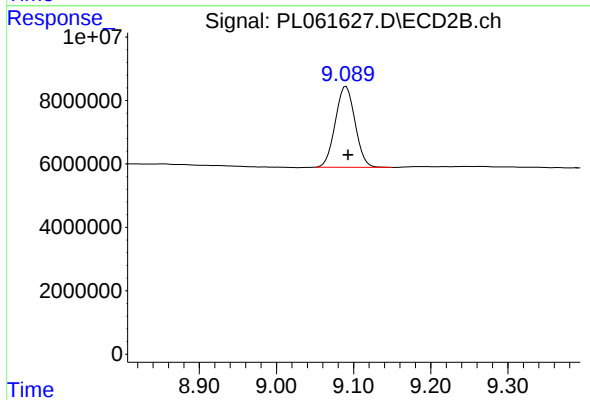
R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.002 min  
Response: 32180594  
Conc: 19.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.002 min  
Response: 45340851  
Conc: 19.18 ng/ml