

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090820\  
 Data File : PL061271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2020 12:01  
 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: Sep 09 01:33:06 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... | 3.465 | 4.009  | 81896634 | 147.8E6  | 47.485   | 48.046    |
| 28)                         | SA Decachlor... | 8.217 | 9.099  | 79406469 | 111.1E6  | 47.596   | 46.974    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.902 | 4.400  | 122.1E6  | 223.3E6  | 47.712   | 48.357    |
| 3)                          | MA gamma-BHC... | 4.185 | 4.685  | 90827531 | 208.7E6  | 39.795   | 48.642    |
| 4)                          | MA Heptachlor   | 4.487 | 5.197  | 100.9E6  | 184.1E6  | 47.010   | 47.097    |
| 5)                          | MB Aldrin       | 4.735 | 5.503  | 91181486 | 178.7E6  | 47.491   | 47.295    |
| 6)                          | B beta-BHC      | 4.437 | 4.857  | 44964475 | 87767295 | 46.809   | 50.258    |
| 7)                          | B delta-BHC     | 4.641 | 5.074  | 104.1E6  | 151.5E6  | 48.043   | 47.504    |
| 8)                          | B Heptachlo...  | 5.178 | 5.891  | 88105047 | 126.5E6  | 47.285   | 42.377    |
| 9)                          | A Endosulfan I  | 5.516 | 6.249  | 81490588 | 150.3E6  | 47.367   | 46.855    |
| 10)                         | B gamma-Chl...  | 5.405 | 6.126  | 88103009 | 160.7E6  | 47.557   | 46.622    |
| 11)                         | B alpha-Chl...  | 5.463 | 6.199  | 87305355 | 163.5E6  | 47.129   | 46.980    |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.357  | 81378202 | 152.6E6  | 47.858   | 47.591    |
| 13)                         | MA Dieldrin     | 5.759 | 6.507  | 85755200 | 154.3E6  | 47.775   | 47.065    |
| 14)                         | MA Endrin       | 6.015 | 6.725  | 80676604 | 131.5E6  | 48.006   | 47.040    |
| 15)                         | B Endosulfa...  | 6.289 | 6.935  | 80994245 | 136.2E6  | 47.342   | 46.098    |
| 16)                         | A 4,4'-DDD      | 6.143 | 6.848  | 69350019 | 122.1E6  | 47.987   | 47.541    |
| 17)                         | MA 4,4'-DDT     | 6.384 | 7.148  | 69270832 | 121.0E6  | 50.449   | 48.327    |
| 18)                         | B Endrin al...  | 6.456 | 7.059  | 69736187 | 114.5E6  | 47.372   | 46.802    |
| 19)                         | B Endosulfa...  | 6.669 | 7.283  | 78050372 | 127.4E6  | 47.424   | 46.565    |
| 20)                         | A Methoxychlor  | 6.930 | 7.609  | 41740020 | 67512514 | 48.759   | 46.934    |
| 21)                         | B Endrin ke...  | 7.158 | 7.755  | 87536318 | 128.0E6  | 47.868   | 47.135    |
| 22)                         | Mirex           | 7.348 | 8.211  | 68976198 | 89065696 | 46.130   | 46.255    |
| 24)                         | Chlordane-2     | 0.000 | 5.448f | 0        | 12028917 | N.D.     | 98.487 #  |
| 25)                         | Chlordane-3     | 5.405 | 6.126  | 88103009 | 160.7E6  | 531.231  | 372.065 # |
| 26)                         | Chlordane-4     | 5.463 | 6.199  | 87305355 | 163.5E6  | 634.275  | 312.324 # |
| 27)                         | Chlordane-5     | 6.289 | 0.000  | 80994245 | 0        | 1441.004 | N.D. #    |
| -----                       |                 |       |        |          |          |          |           |

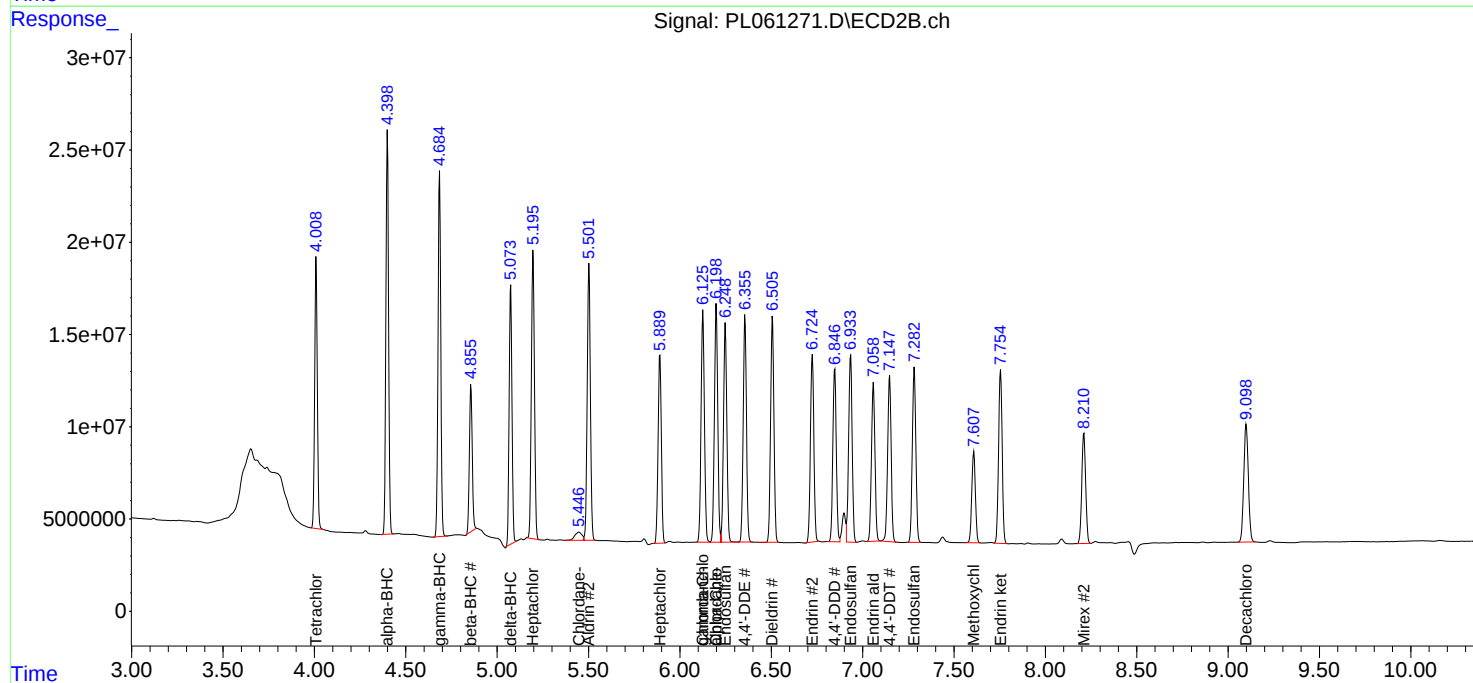
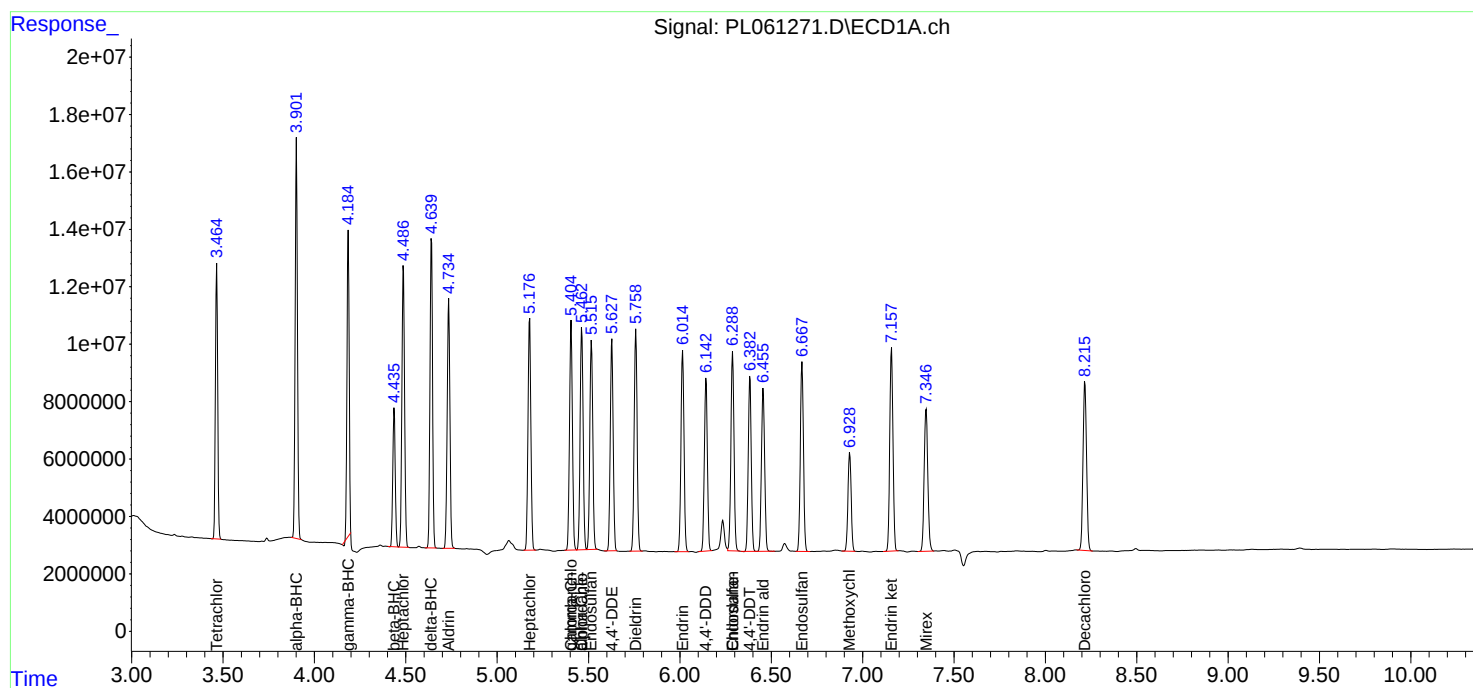
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

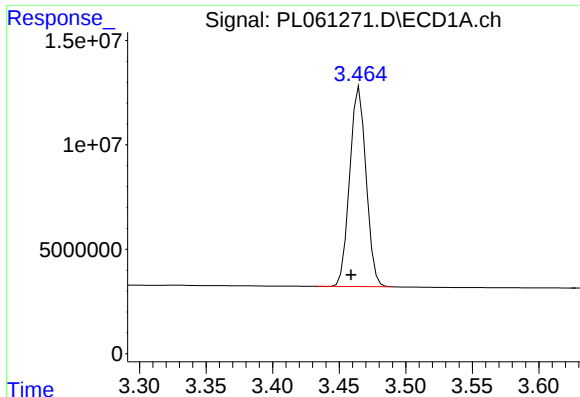
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090820\  
Data File : PL061271.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2020 12:01  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:33:06 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

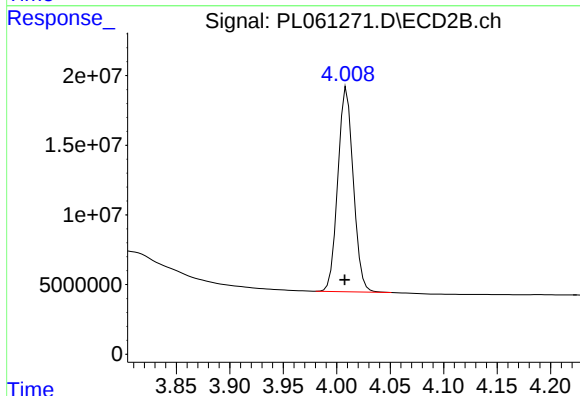




#1 Tetrachloro-m-xylene

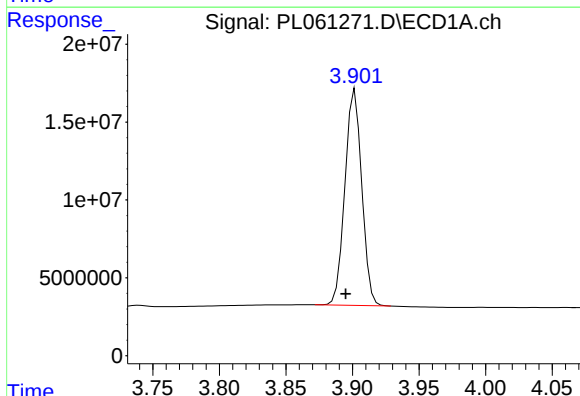
R.T.: 3.465 min  
Delta R.T.: 0.006 min  
Response: 81896634  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



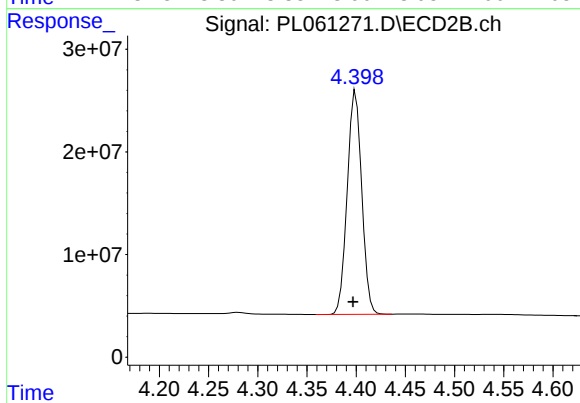
#1 Tetrachloro-m-xylene

R.T.: 4.009 min  
Delta R.T.: 0.002 min  
Response: 147786590  
Conc: 48.05 ng/ml



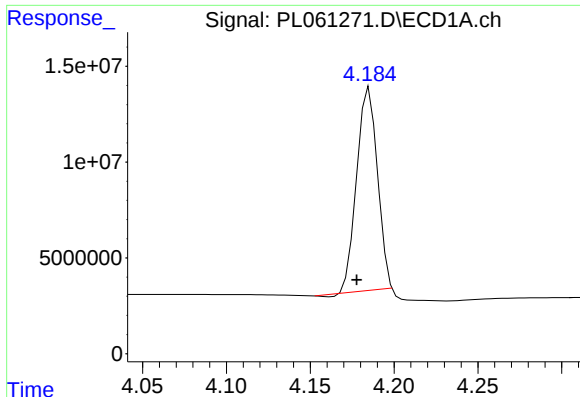
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.007 min  
Response: 122102242  
Conc: 47.71 ng/ml



#2 alpha-BHC

R.T.: 4.400 min  
Delta R.T.: 0.003 min  
Response: 223320937  
Conc: 48.36 ng/ml



#3 gamma-BHC (Lindane)

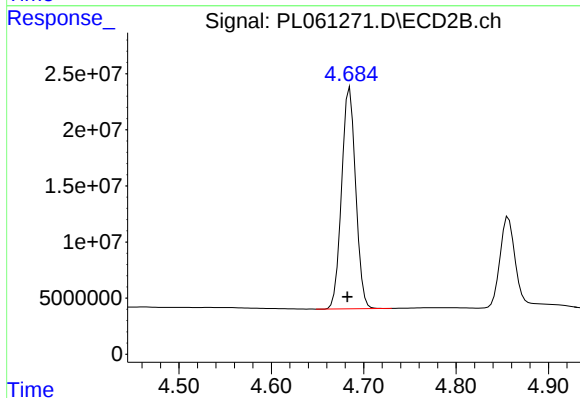
R.T.: 4.185 min

Delta R.T.: 0.008 min

Response: 90827531

Conc: 39.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



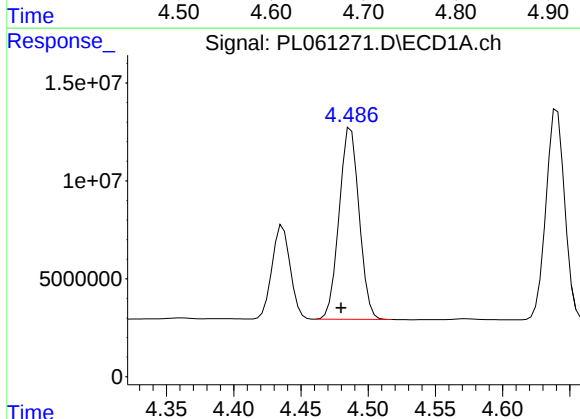
#3 gamma-BHC (Lindane)

R.T.: 4.685 min

Delta R.T.: 0.003 min

Response: 208691078

Conc: 48.64 ng/ml



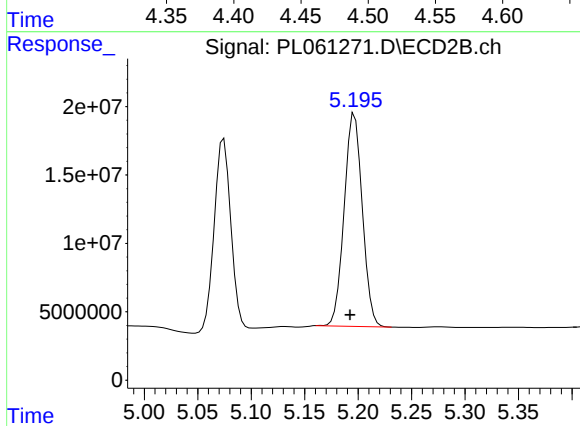
#4 Heptachlor

R.T.: 4.487 min

Delta R.T.: 0.007 min

Response: 100860636

Conc: 47.01 ng/ml



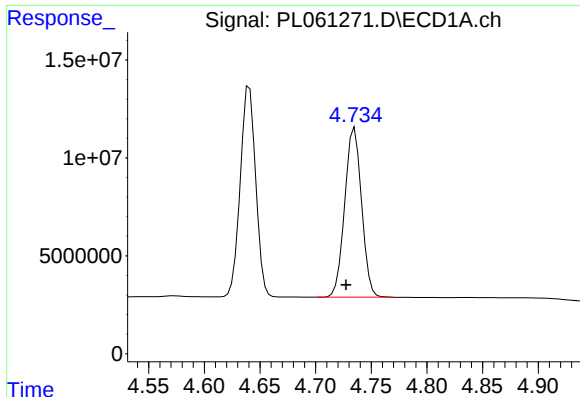
#4 Heptachlor

R.T.: 5.197 min

Delta R.T.: 0.004 min

Response: 184115556

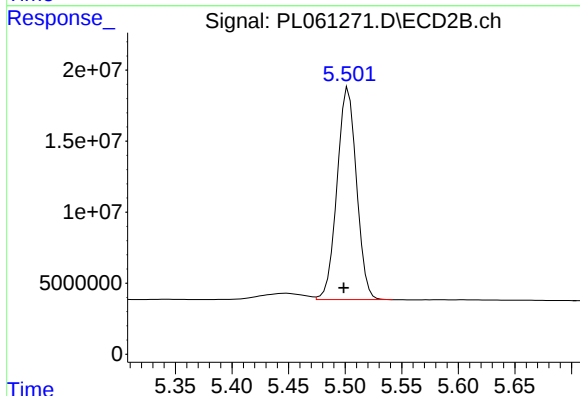
Conc: 47.10 ng/ml



#5 Aldrin

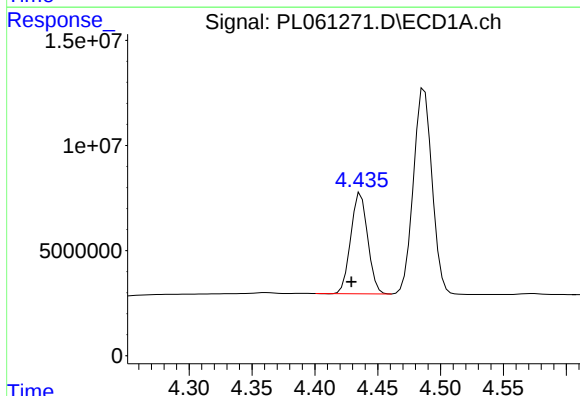
R.T.: 4.735 min  
Delta R.T.: 0.008 min  
Response: 91181486  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



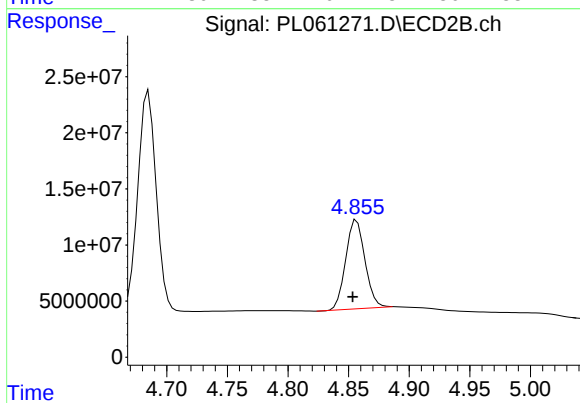
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.004 min  
Response: 178708042  
Conc: 47.29 ng/ml



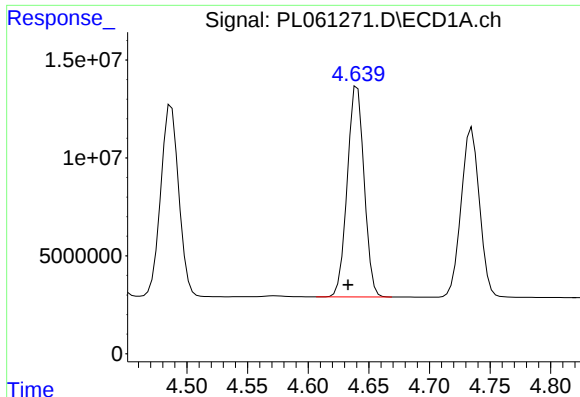
#6 beta-BHC

R.T.: 4.437 min  
Delta R.T.: 0.008 min  
Response: 44964475  
Conc: 46.81 ng/ml



#6 beta-BHC

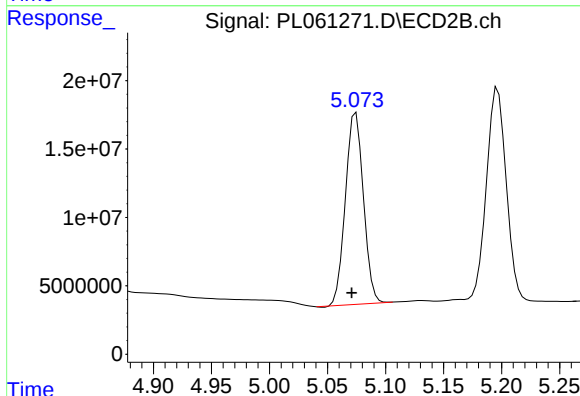
R.T.: 4.857 min  
Delta R.T.: 0.003 min  
Response: 87767295  
Conc: 50.26 ng/ml



#7 delta-BHC

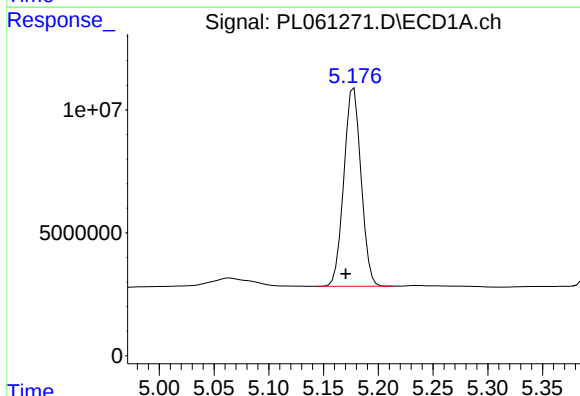
R.T.: 4.641 min  
Delta R.T.: 0.008 min  
Response: 104072620  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



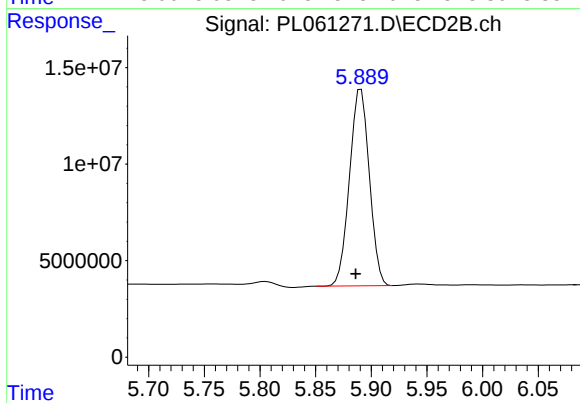
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.004 min  
Response: 151514752  
Conc: 47.50 ng/ml



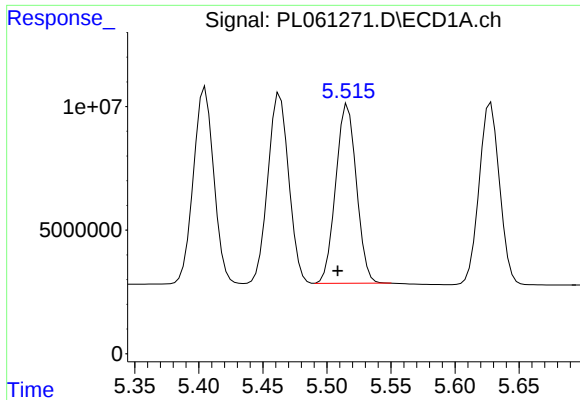
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: 0.007 min  
Response: 88105047  
Conc: 47.29 ng/ml



#8 Heptachlor epoxide

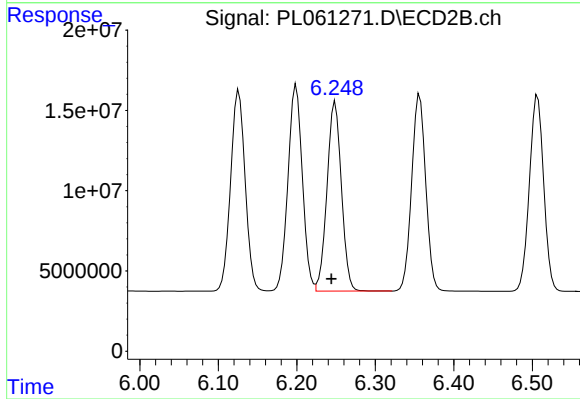
R.T.: 5.891 min  
Delta R.T.: 0.005 min  
Response: 126532937  
Conc: 42.38 ng/ml



#9 Endosulfan I

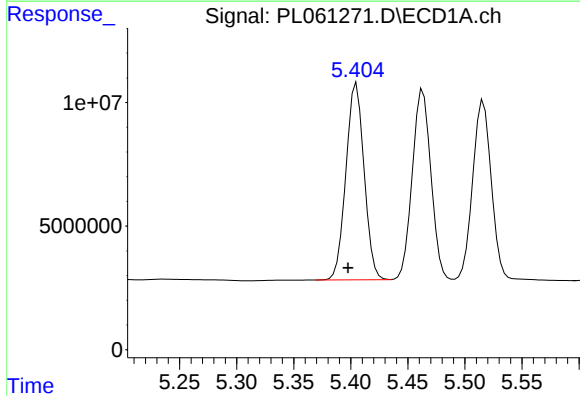
R.T.: 5.516 min  
Delta R.T.: 0.008 min  
Response: 81490588  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



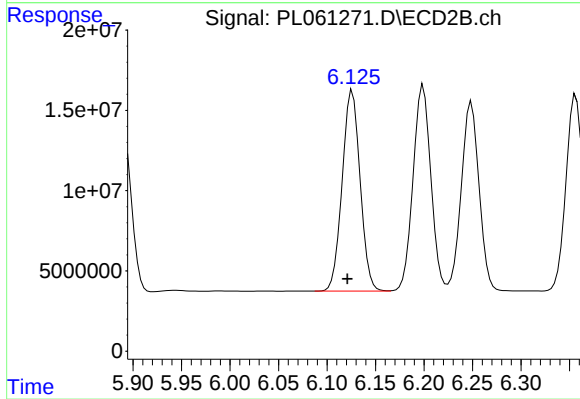
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.005 min  
Response: 150303400  
Conc: 46.85 ng/ml



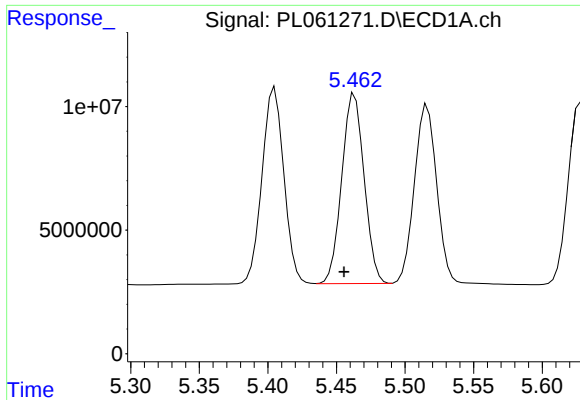
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: 0.007 min  
Response: 88103009  
Conc: 47.56 ng/ml



#10 gamma-Chlordane

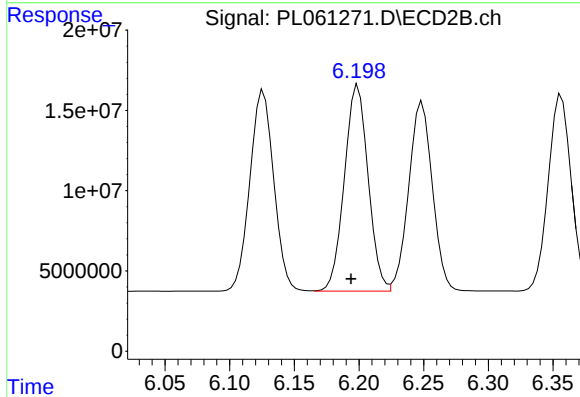
R.T.: 6.126 min  
Delta R.T.: 0.005 min  
Response: 160724039  
Conc: 46.62 ng/ml



#11 alpha-Chlordane

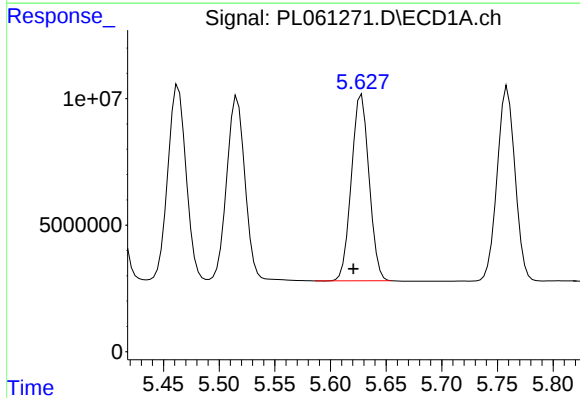
R.T.: 5.463 min  
Delta R.T.: 0.008 min  
Response: 87305355  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



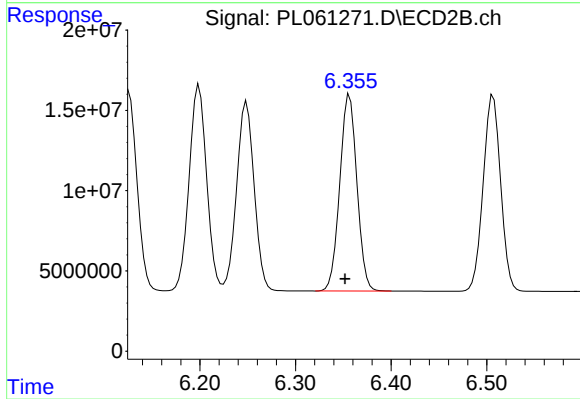
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.005 min  
Response: 163493410  
Conc: 46.98 ng/ml



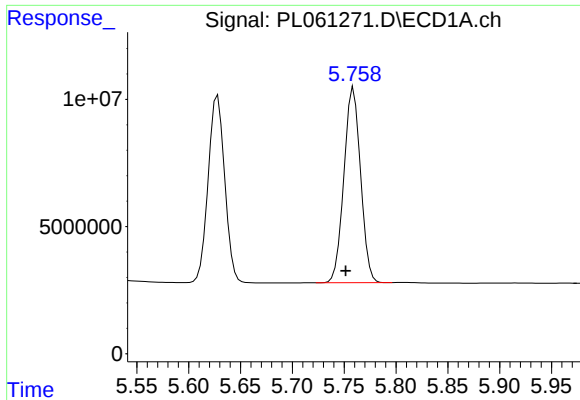
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.007 min  
Response: 81378202  
Conc: 47.86 ng/ml



#12 4,4'-DDE

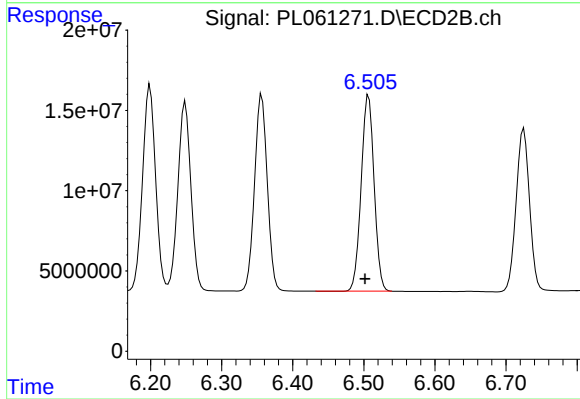
R.T.: 6.357 min  
Delta R.T.: 0.005 min  
Response: 152550777  
Conc: 47.59 ng/ml



#13 Dieldrin

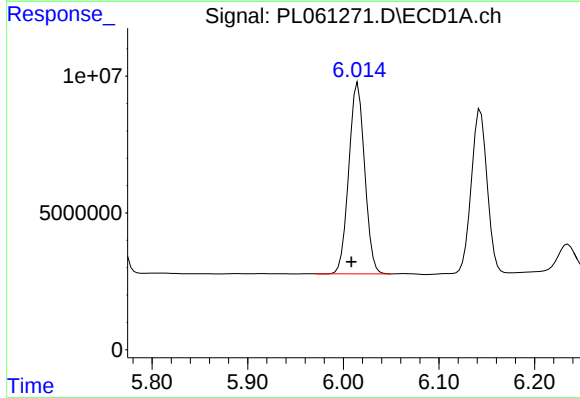
R.T.: 5.759 min  
Delta R.T.: 0.007 min  
Response: 85755200  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



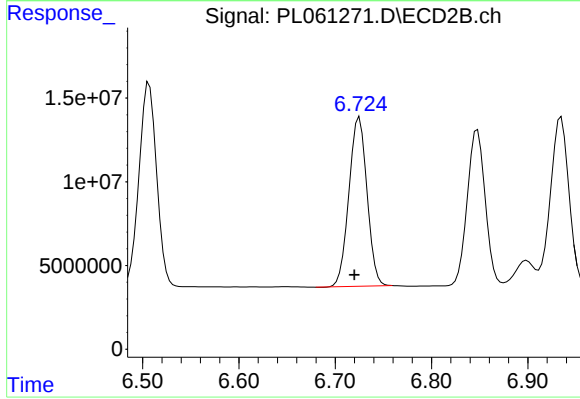
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.005 min  
Response: 154312539  
Conc: 47.06 ng/ml



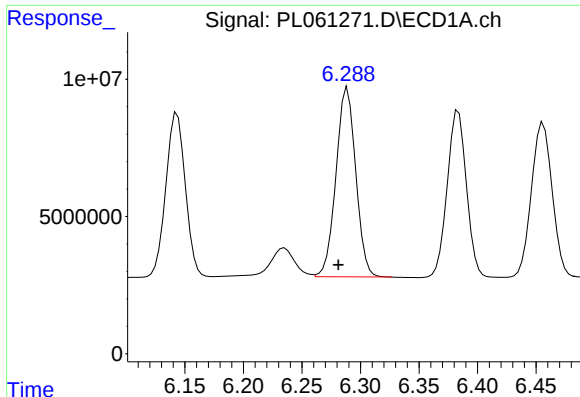
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.007 min  
Response: 80676604  
Conc: 48.01 ng/ml



#14 Endrin

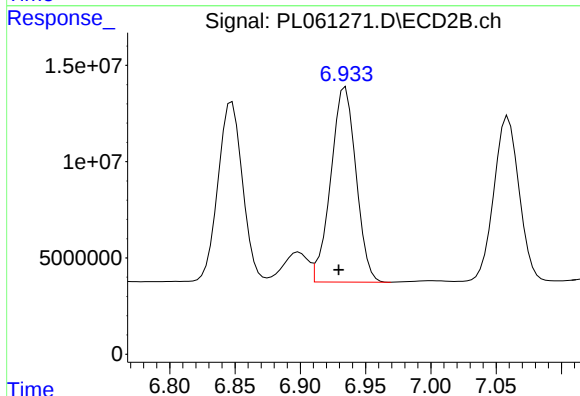
R.T.: 6.725 min  
Delta R.T.: 0.005 min  
Response: 131527861  
Conc: 47.04 ng/ml



#15 Endosulfan II

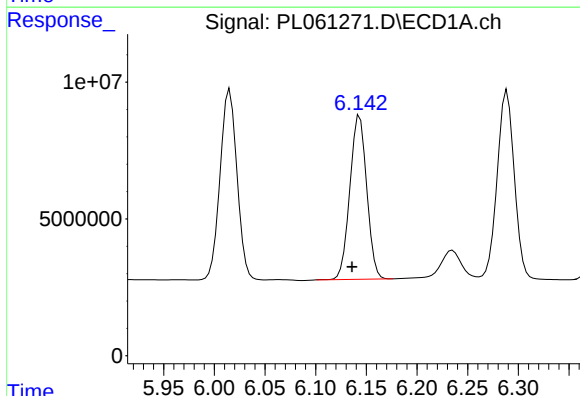
R.T.: 6.289 min  
Delta R.T.: 0.008 min  
Response: 80994245  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



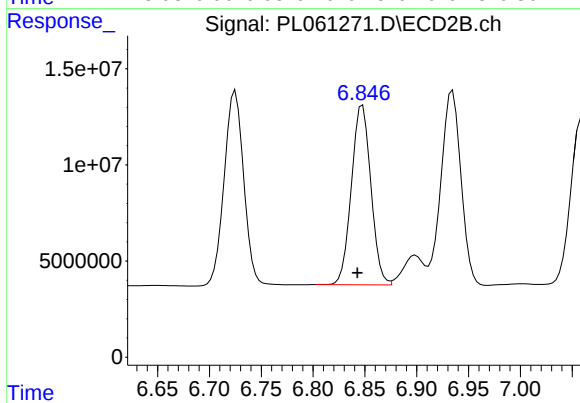
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.005 min  
Response: 136165153  
Conc: 46.10 ng/ml



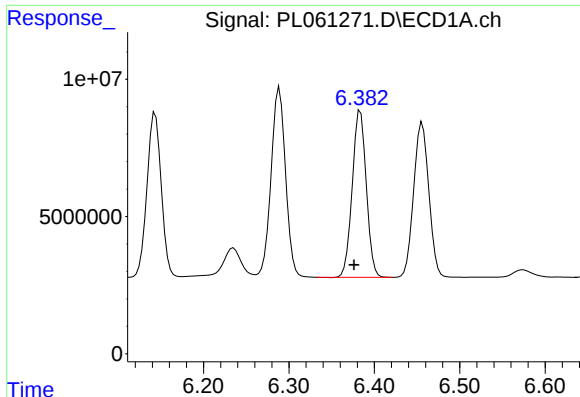
#16 4,4'-DDD

R.T.: 6.143 min  
Delta R.T.: 0.008 min  
Response: 69350019  
Conc: 47.99 ng/ml



#16 4,4'-DDD

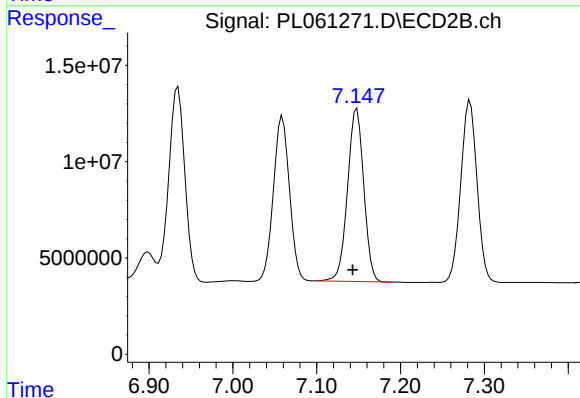
R.T.: 6.848 min  
Delta R.T.: 0.005 min  
Response: 122086220  
Conc: 47.54 ng/ml



#17 4,4'-DDT

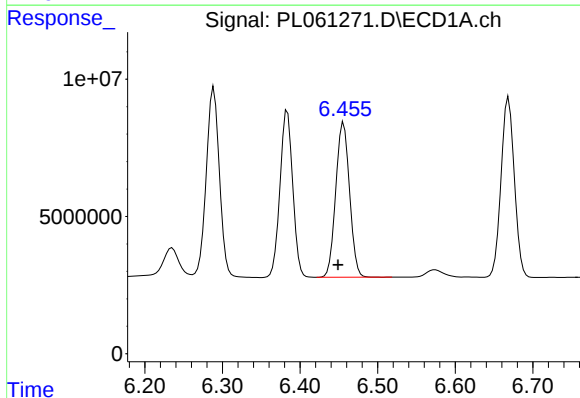
R.T.: 6.384 min  
Delta R.T.: 0.007 min  
Response: 69270832  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



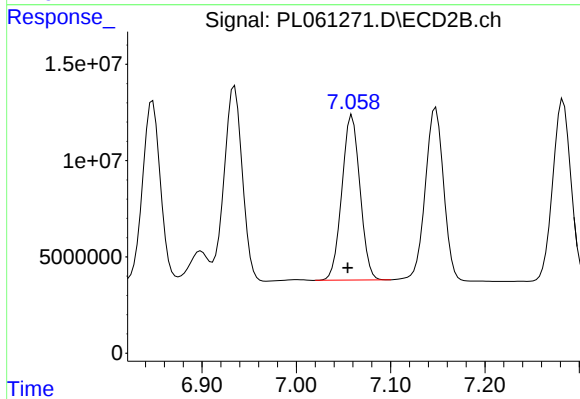
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.005 min  
Response: 120967152  
Conc: 48.33 ng/ml



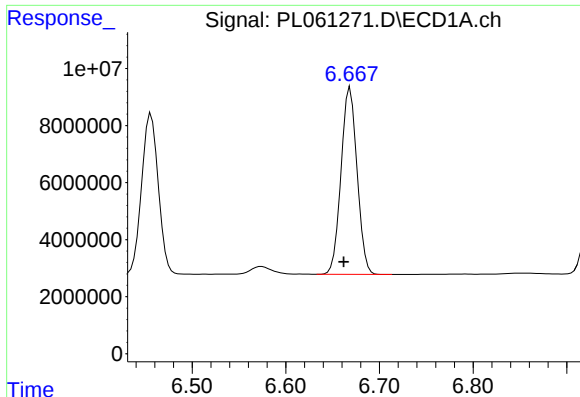
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: 0.007 min  
Response: 69736187  
Conc: 47.37 ng/ml



#18 Endrin aldehyde

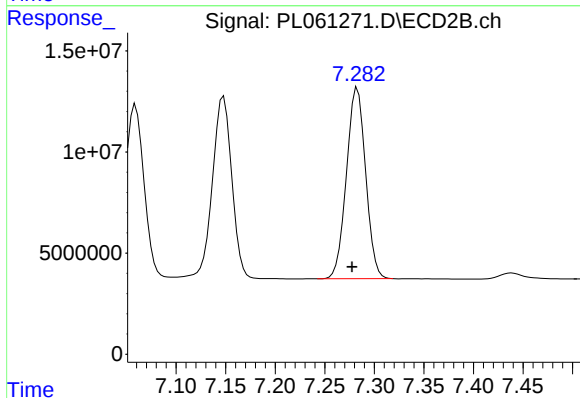
R.T.: 7.059 min  
Delta R.T.: 0.005 min  
Response: 114501173  
Conc: 46.80 ng/ml



#19 Endosulfan Sulfate

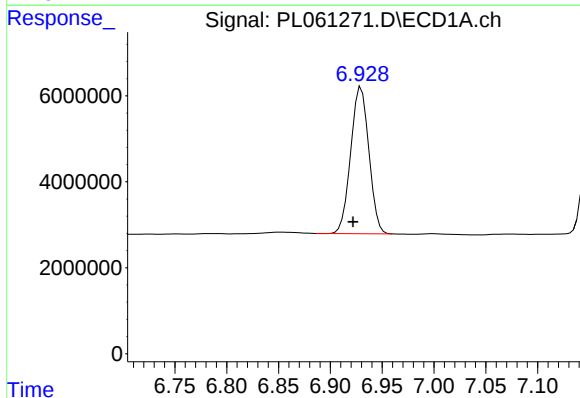
R.T.: 6.669 min  
Delta R.T.: 0.007 min  
Response: 78050372  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



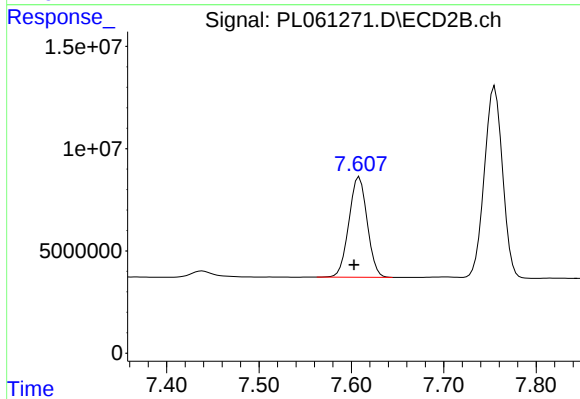
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.006 min  
Response: 127389388  
Conc: 46.57 ng/ml



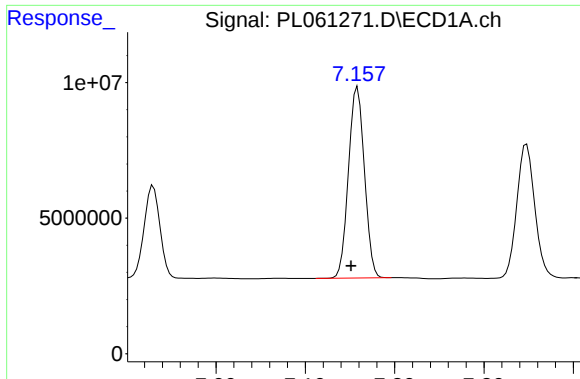
#20 Methoxychlor

R.T.: 6.930 min  
Delta R.T.: 0.008 min  
Response: 41740020  
Conc: 48.76 ng/ml



#20 Methoxychlor

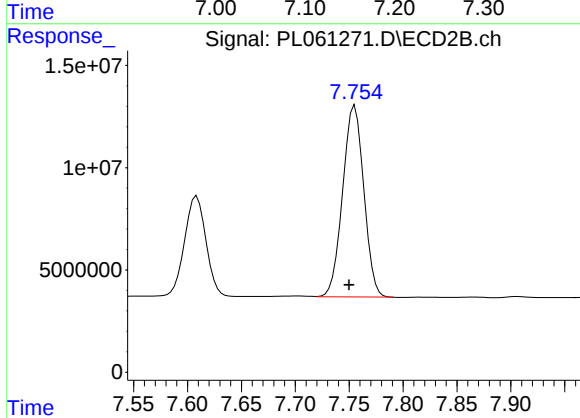
R.T.: 7.609 min  
Delta R.T.: 0.006 min  
Response: 67512514  
Conc: 46.93 ng/ml



#21 Endrin ketone

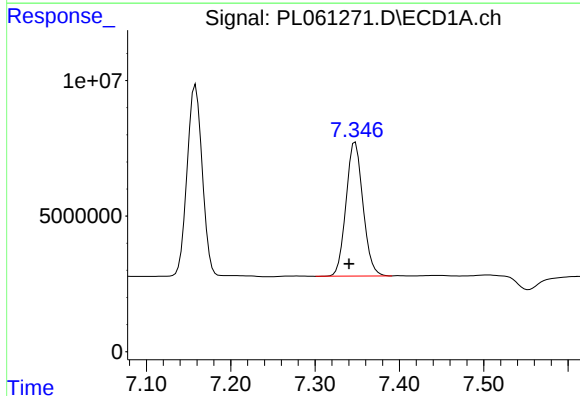
R.T.: 7.158 min  
Delta R.T.: 0.007 min  
Response: 87536318  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



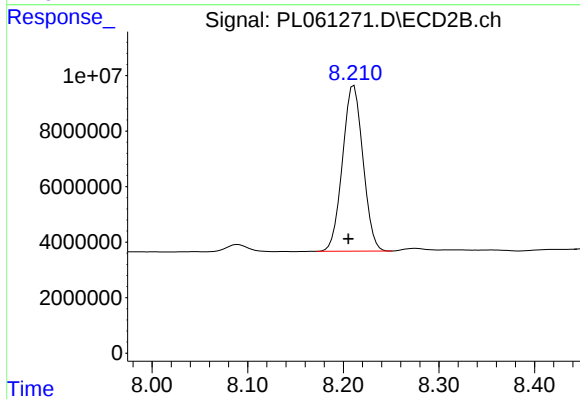
#21 Endrin ketone

R.T.: 7.755 min  
Delta R.T.: 0.005 min  
Response: 127962418  
Conc: 47.14 ng/ml



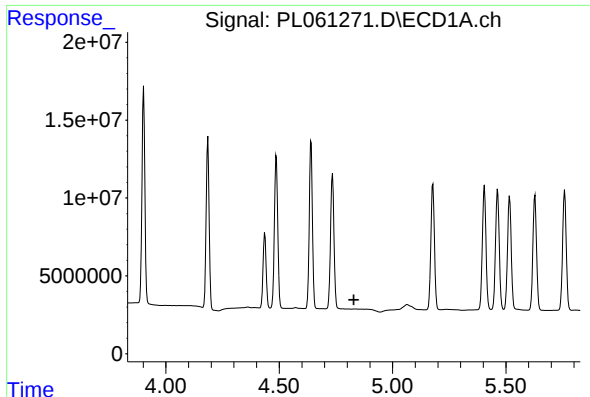
#22 Mirex

R.T.: 7.348 min  
Delta R.T.: 0.007 min  
Response: 68976198  
Conc: 46.13 ng/ml



#22 Mirex

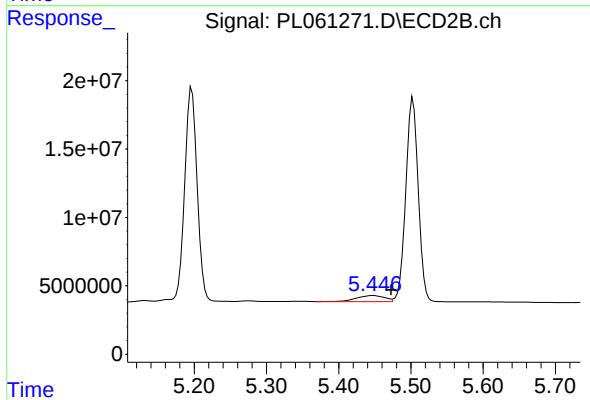
R.T.: 8.211 min  
Delta R.T.: 0.006 min  
Response: 89065696  
Conc: 46.25 ng/ml



#24 Chlordane-2

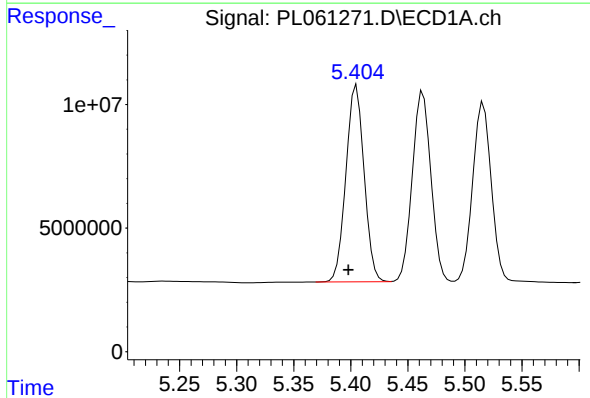
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



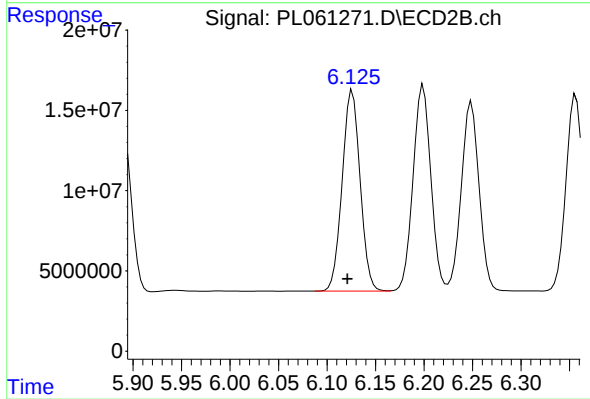
#24 Chlordane-2

R.T.: 5.448 min  
Delta R.T.: -0.025 min  
Response: 12028917  
Conc: 98.49 ng/ml



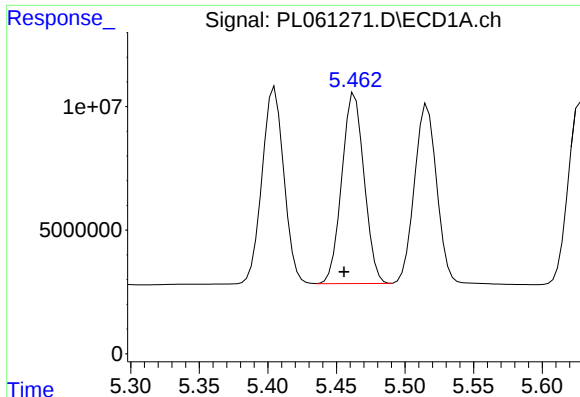
#25 Chlordane-3

R.T.: 5.405 min  
Delta R.T.: 0.007 min  
Response: 88103009  
Conc: 531.23 ng/ml



#25 Chlordane-3

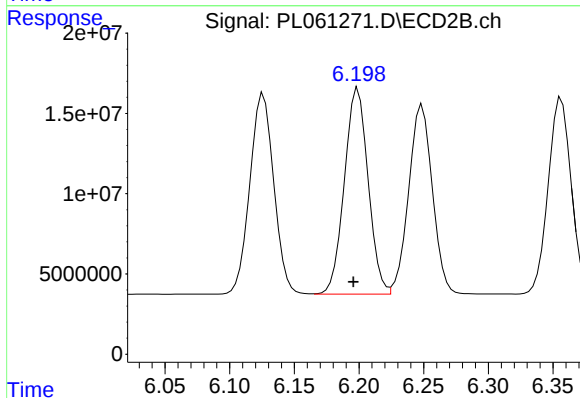
R.T.: 6.126 min  
Delta R.T.: 0.005 min  
Response: 160724039  
Conc: 372.07 ng/ml



#26 Chlordane-4

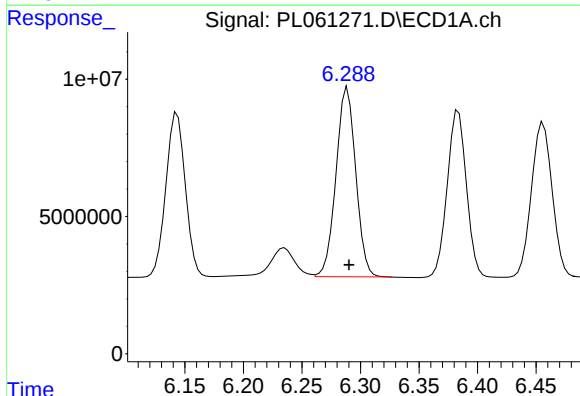
R.T.: 5.463 min  
Delta R.T.: 0.008 min  
Response: 87305355  
Conc: 634.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



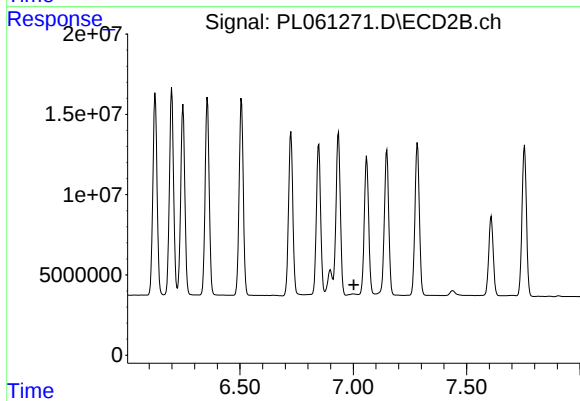
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: 0.003 min  
Response: 163493410  
Conc: 312.32 ng/ml



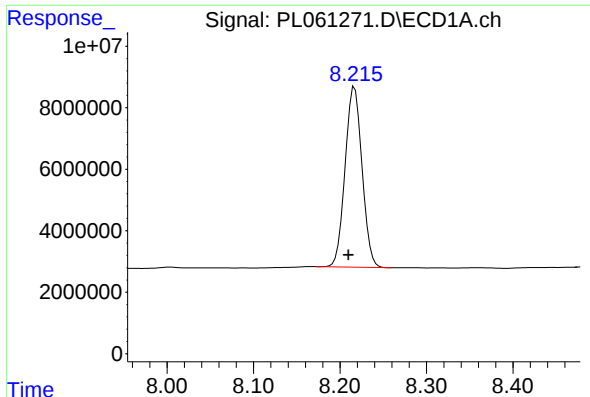
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.001 min  
Response: 80994245  
Conc: 1441.00 ng/ml



#27 Chlordane-5

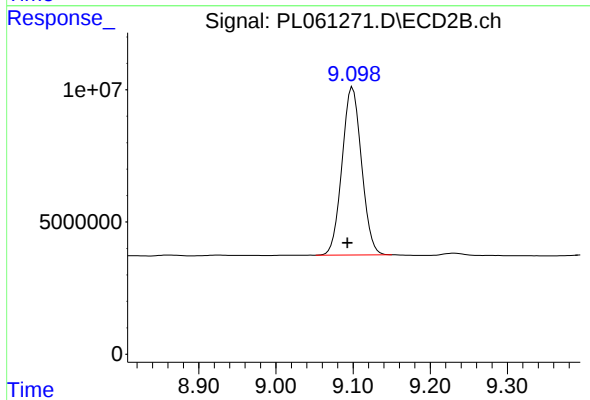
R.T.: 0.000 min  
Exp R.T. : 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.217 min  
Delta R.T.: 0.007 min  
Response: 79406469  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: 0.007 min  
Response: 111072220  
Conc: 46.97 ng/ml