

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050323\  
 Data File : PL082468.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 May 2023 17:58  
 Operator : AR\AJ  
 Sample : PB152546BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB152546BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 21:45:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 2023  
 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... | 3.323 | 2.645 | 55957327 | 45768756 | 20.948 | 19.756 |
| 2)                          | SA Decachlor... | 8.747 | 7.757 | 44678711 | 48154128 | 23.403 | 21.097 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.773 | 3.143 | 219.6E6  | 172.3E6  | 55.184 | 50.631 |
| 3)                          | MA gamma-BHC... | 4.101 | 3.469 | 203.1E6  | 161.9E6  | 54.327 | 50.362 |
| 4)                          | MA Heptachlor   | 4.680 | 3.801 | 196.6E6  | 166.0E6  | 53.817 | 48.483 |
| 5)                          | MB Aldrin       | 5.017 | 4.078 | 184.4E6  | 162.7E6  | 55.916 | 51.663 |
| 6)                          | B beta-BHC      | 4.304 | 3.770 | 87165191 | 66611122 | 51.108 | 48.821 |
| 7)                          | B delta-BHC     | 4.546 | 3.996 | 202.2E6  | 157.4E6  | 56.200 | 51.310 |
| 8)                          | B Heptachlo...  | 5.443 | 4.580 | 162.6E6  | 144.5E6  | 53.294 | 50.151 |
| 9)                          | A Endosulfan I  | 5.824 | 4.948 | 154.0E6  | 133.9E6  | 55.540 | 50.151 |
| 10)                         | B gamma-Chl...  | 5.698 | 4.829 | 173.7E6  | 145.8E6  | 57.774 | 50.239 |
| 11)                         | B alpha-Chl...  | 5.776 | 4.892 | 166.4E6  | 144.4E6  | 55.750 | 49.747 |
| 12)                         | B 4,4'-DDE      | 5.954 | 5.083 | 146.4E6  | 124.9E6  | 57.578 | 54.343 |
| 13)                         | MA Dieldrin     | 6.098 | 5.212 | 155.8E6  | 138.3E6  | 56.457 | 51.208 |
| 14)                         | MA Endrin       | 6.325 | 5.486 | 130.9E6  | 119.0E6  | 54.005 | 48.656 |
| 15)                         | B Endosulfa...  | 6.549 | 5.783 | 128.4E6  | 118.6E6  | 52.757 | 52.597 |
| 16)                         | A 4,4'-DDD      | 6.471 | 5.637 | 120.4E6  | 106.4E6  | 59.408 | 56.902 |
| 17)                         | MA 4,4'-DDT     | 6.781 | 5.886 | 120.0E6  | 106.1E6  | 52.459 | 50.221 |
| 18)                         | B Endrin al...  | 6.678 | 5.963 | 108.0E6  | 97408665 | 57.302 | 52.052 |
| 19)                         | B Endosulfa...  | 6.913 | 6.185 | 131.0E6  | 120.6E6  | 55.227 | 51.228 |
| 20)                         | A Methoxychlor  | 7.263 | 6.465 | 63701730 | 59361815 | 52.200 | 48.985 |
| 21)                         | B Endrin ke...  | 7.393 | 6.691 | 138.3E6  | 139.7E6  | 57.752 | 55.038 |
| 22)                         | Mirex           | 7.857 | 6.862 | 98072743 | 106.1E6  | 50.131 | 46.032 |
| -----                       |                 |       |       |          |          |        |        |

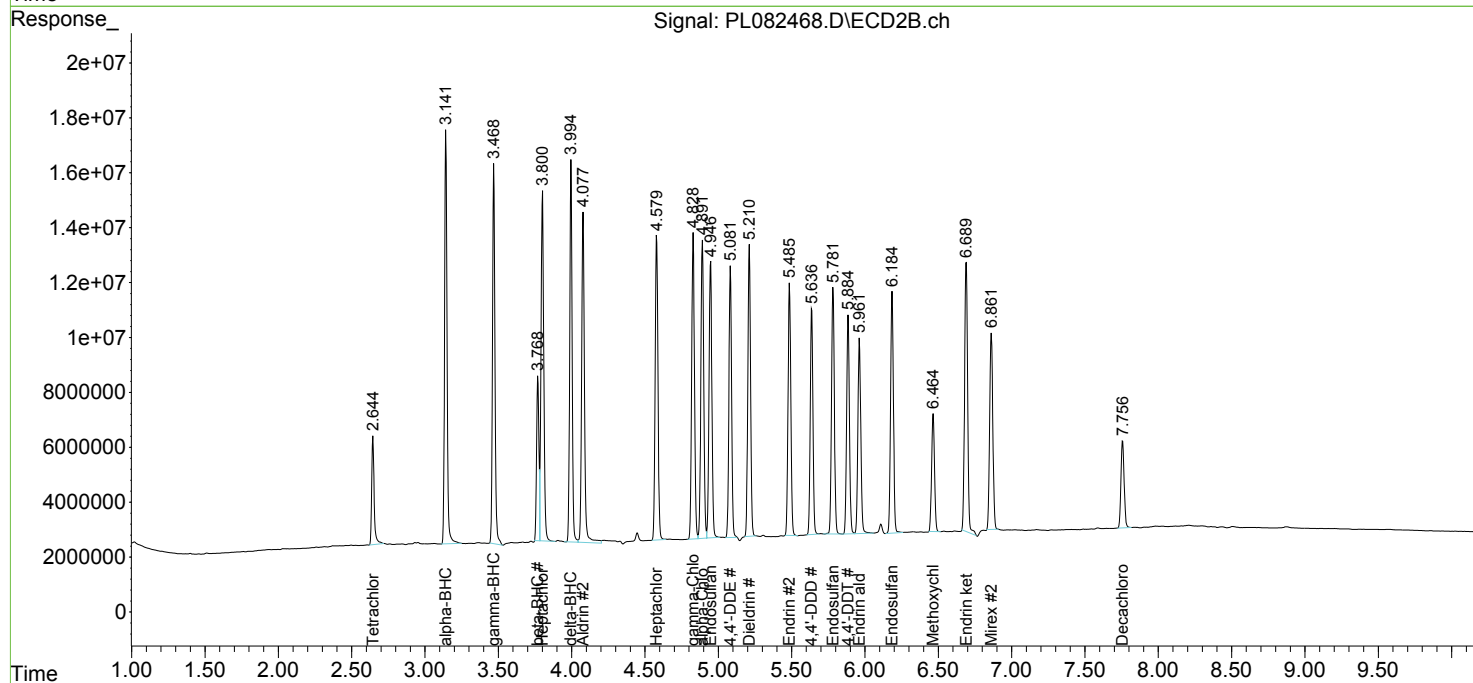
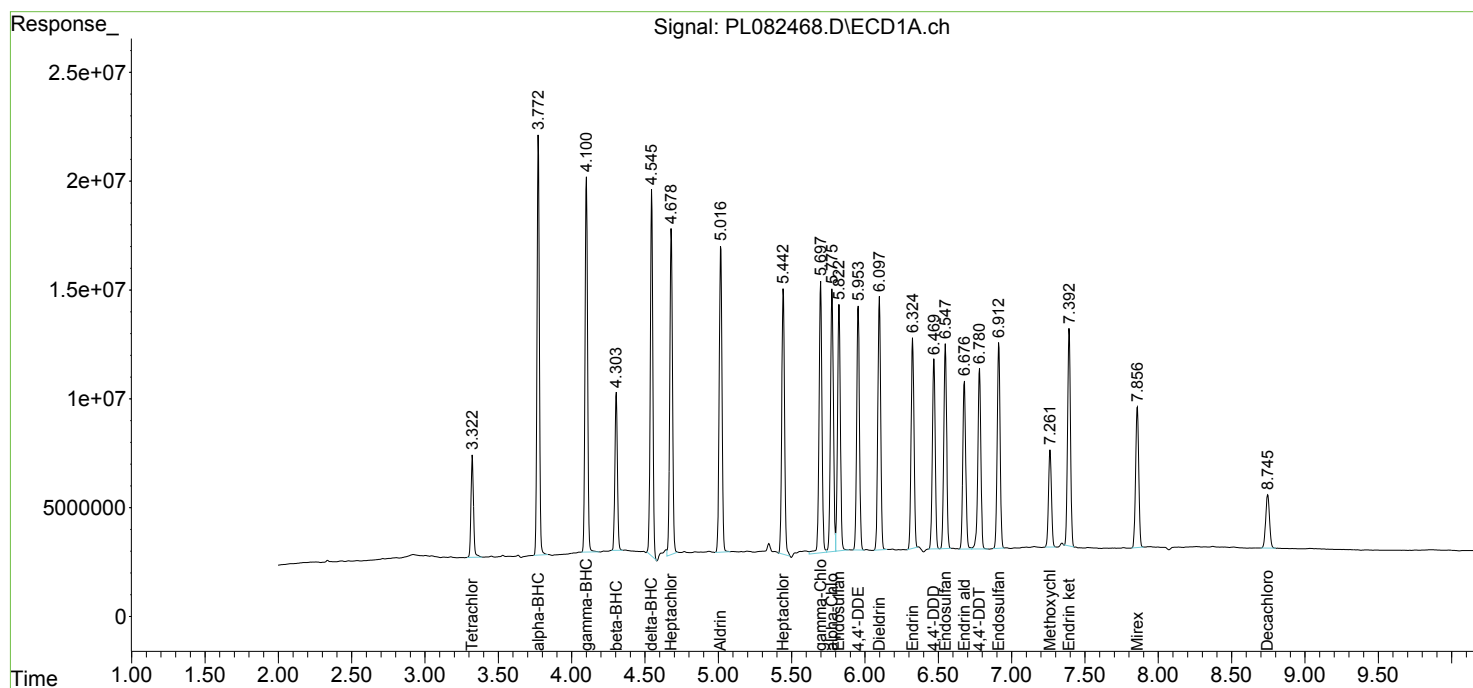
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

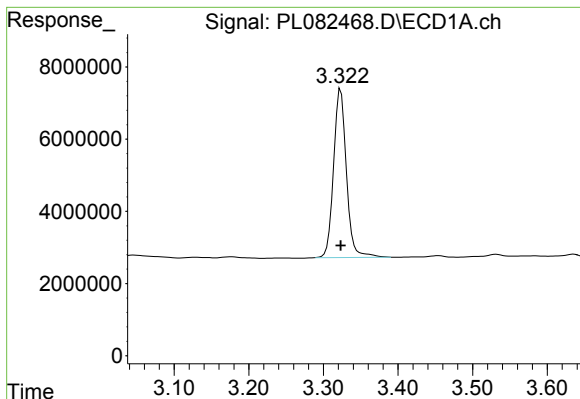
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050323\  
Data File : PL082468.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 May 2023 17:58  
Operator : AR\AJ  
Sample : PB152546BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 03 21:45:57 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 2023  
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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

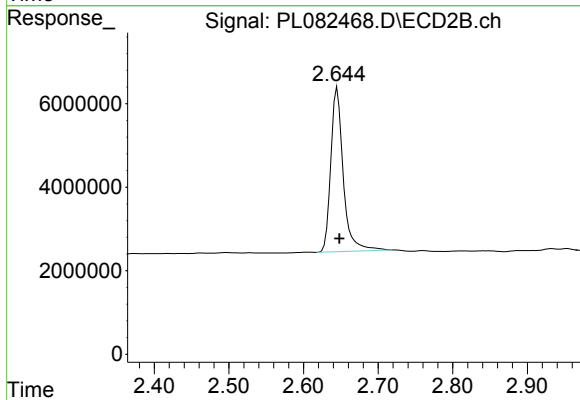




#1 Tetrachloro-m-xylene

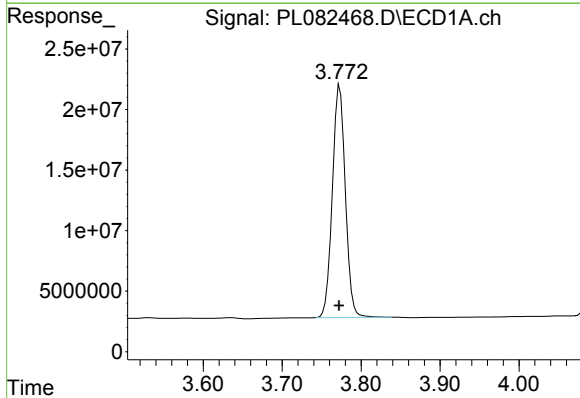
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 55957327  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



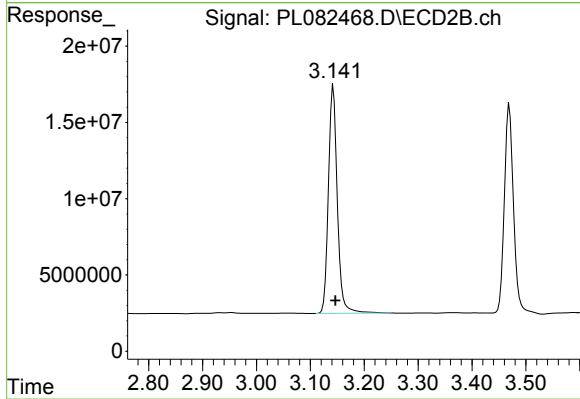
#1 Tetrachloro-m-xylene

R.T.: 2.645 min  
Delta R.T.: -0.003 min  
Response: 45768756  
Conc: 19.76 ng/ml



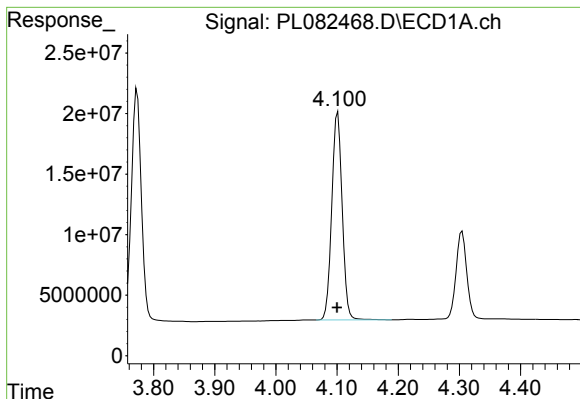
#2 alpha-BHC

R.T.: 3.773 min  
Delta R.T.: 0.000 min  
Response: 219644239  
Conc: 55.18 ng/ml



#2 alpha-BHC

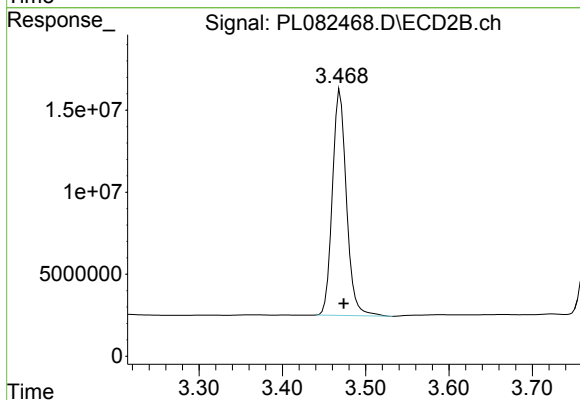
R.T.: 3.143 min  
Delta R.T.: -0.004 min  
Response: 172323086  
Conc: 50.63 ng/ml



#3 gamma-BHC (Lindane)

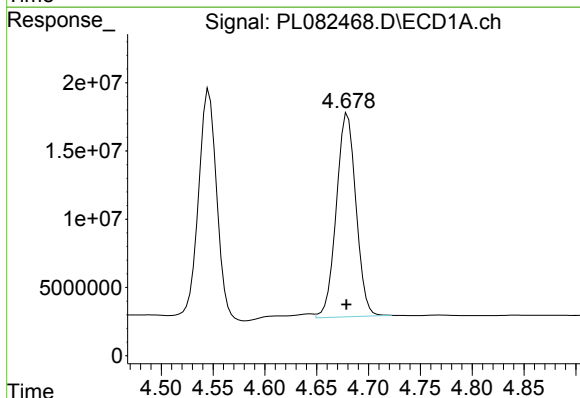
R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 203125693  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



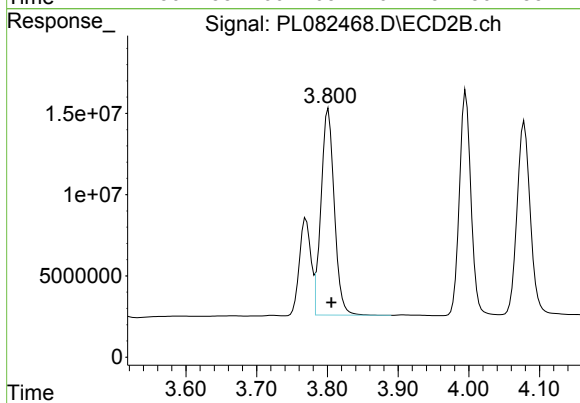
#3 gamma-BHC (Lindane)

R.T.: 3.469 min  
Delta R.T.: -0.004 min  
Response: 161929209  
Conc: 50.36 ng/ml



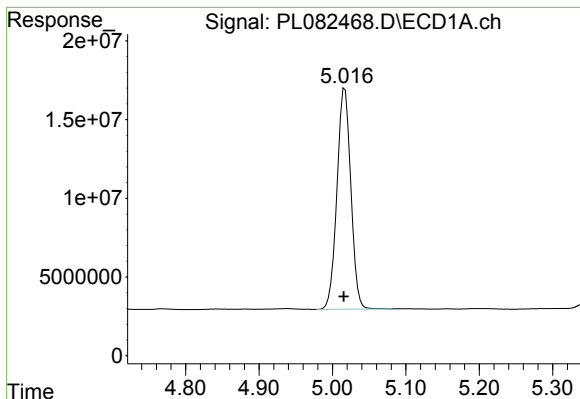
#4 Heptachlor

R.T.: 4.680 min  
Delta R.T.: 0.001 min  
Response: 196644113  
Conc: 53.82 ng/ml



#4 Heptachlor

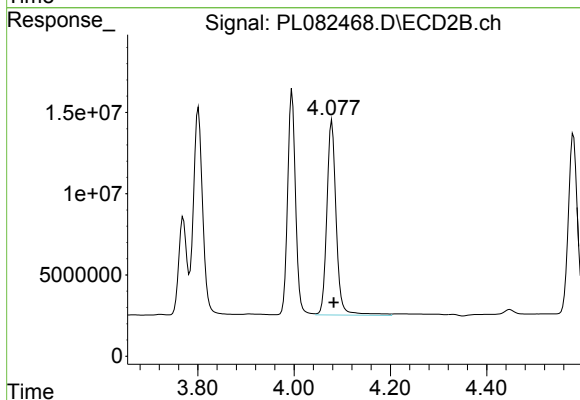
R.T.: 3.801 min  
Delta R.T.: -0.004 min  
Response: 165970428  
Conc: 48.48 ng/ml



#5 Aldrin

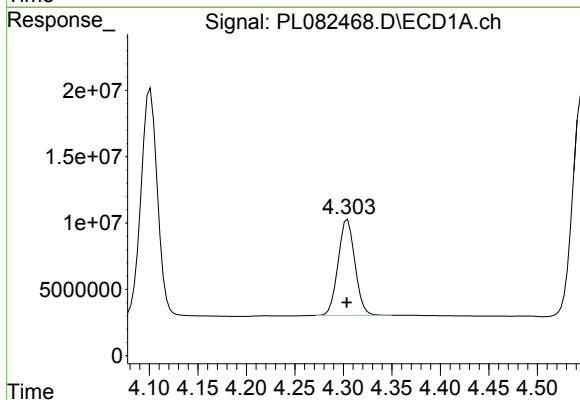
R.T.: 5.017 min  
Delta R.T.: 0.001 min  
Response: 184388905  
Conc: 55.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



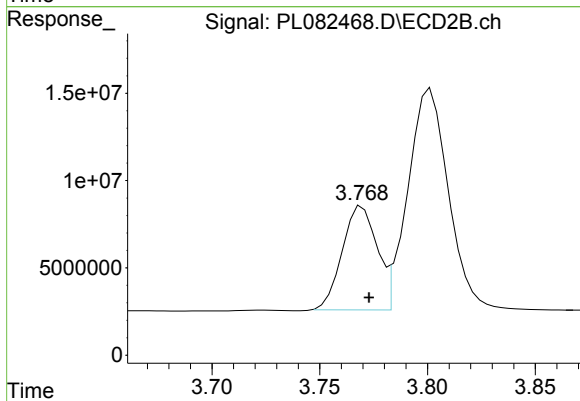
#5 Aldrin

R.T.: 4.078 min  
Delta R.T.: -0.004 min  
Response: 162731070  
Conc: 51.66 ng/ml



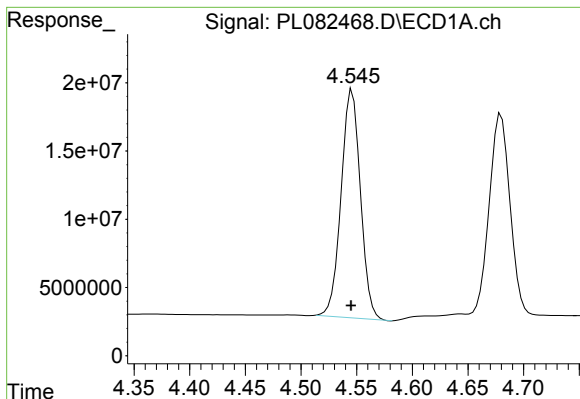
#6 beta-BHC

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 87165191  
Conc: 51.11 ng/ml



#6 beta-BHC

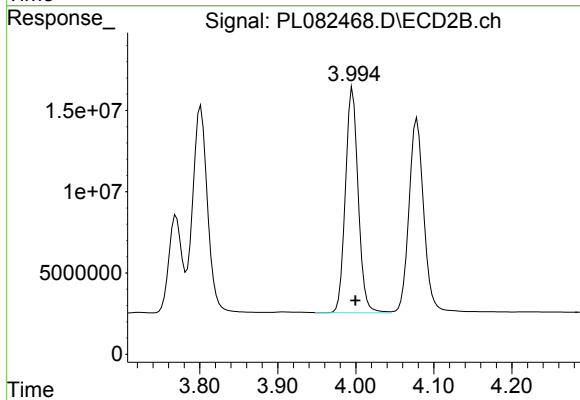
R.T.: 3.770 min  
Delta R.T.: -0.003 min  
Response: 66611122  
Conc: 48.82 ng/ml



#7 delta-BHC

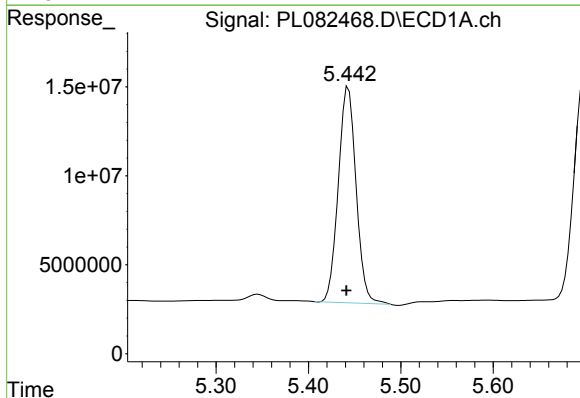
R.T.: 4.546 min  
Delta R.T.: 0.000 min  
Response: 202196724  
Conc: 56.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



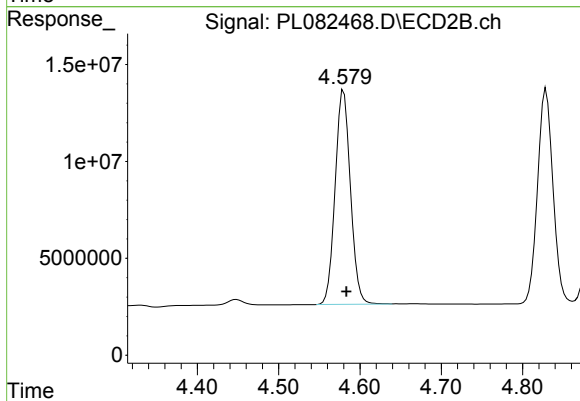
#7 delta-BHC

R.T.: 3.996 min  
Delta R.T.: -0.004 min  
Response: 157386464  
Conc: 51.31 ng/ml



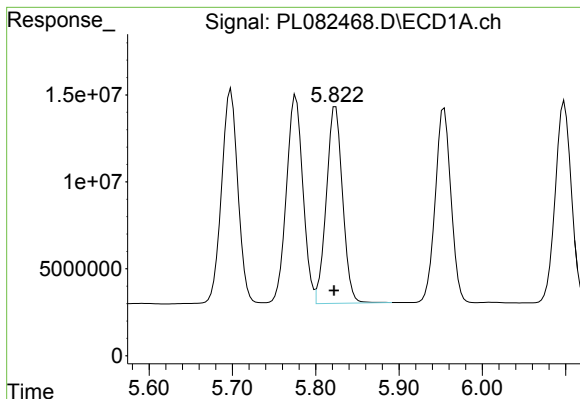
#8 Heptachlor epoxide

R.T.: 5.443 min  
Delta R.T.: 0.002 min  
Response: 162565727  
Conc: 53.29 ng/ml



#8 Heptachlor epoxide

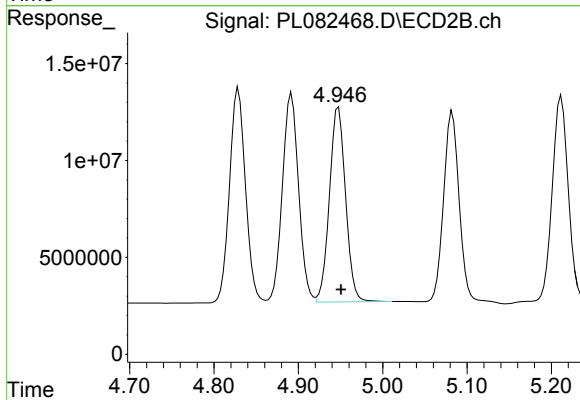
R.T.: 4.580 min  
Delta R.T.: -0.003 min  
Response: 144479411  
Conc: 50.15 ng/ml



#9 Endosulfan I

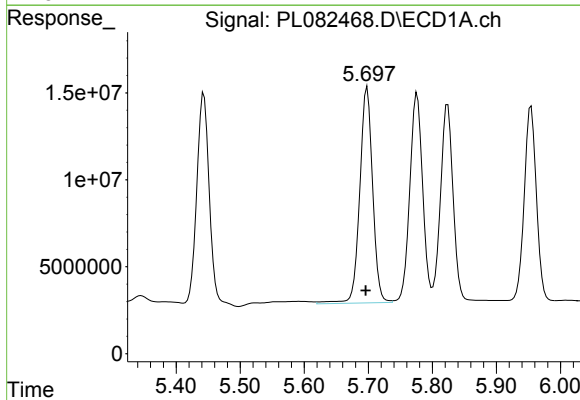
R.T.: 5.824 min  
Delta R.T.: 0.002 min  
Response: 153997405  
Conc: 55.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



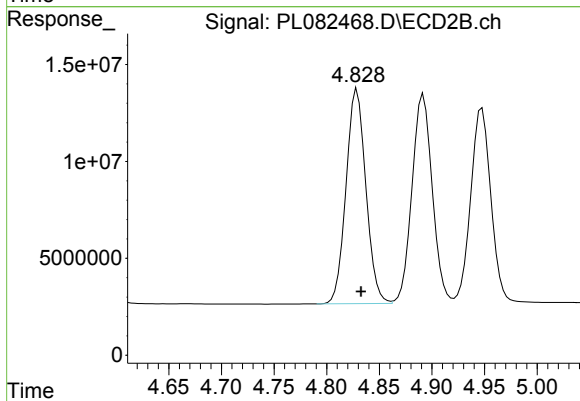
#9 Endosulfan I

R.T.: 4.948 min  
Delta R.T.: -0.003 min  
Response: 133876095  
Conc: 50.15 ng/ml



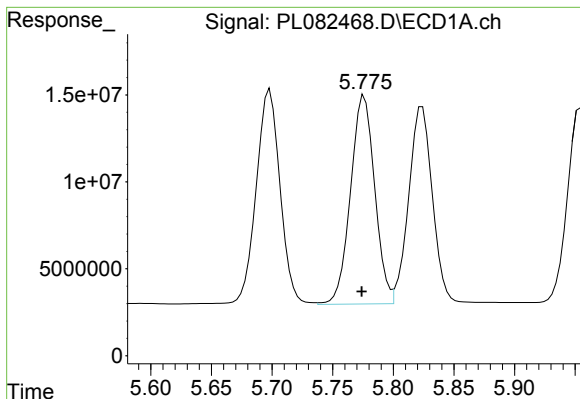
#10 gamma-Chlordane

R.T.: 5.698 min  
Delta R.T.: 0.002 min  
Response: 173717921  
Conc: 57.77 ng/ml



#10 gamma-Chlordane

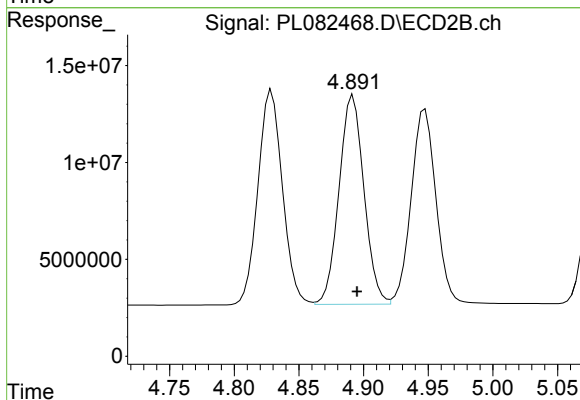
R.T.: 4.829 min  
Delta R.T.: -0.004 min  
Response: 145785564  
Conc: 50.24 ng/ml



#11 alpha-Chlordane

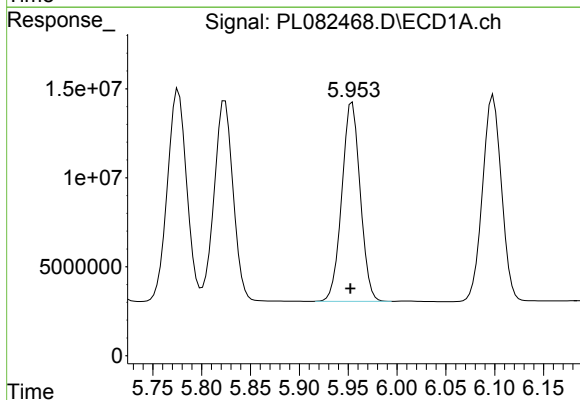
R.T.: 5.776 min  
Delta R.T.: 0.002 min  
Response: 166393144  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



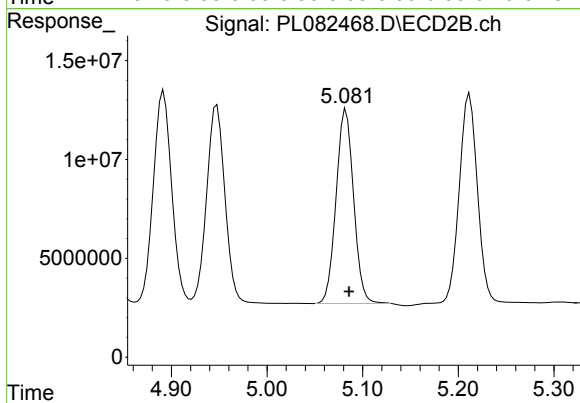
#11 alpha-Chlordane

R.T.: 4.892 min  
Delta R.T.: -0.003 min  
Response: 144407896  
Conc: 49.75 ng/ml



#12 4,4'-DDE

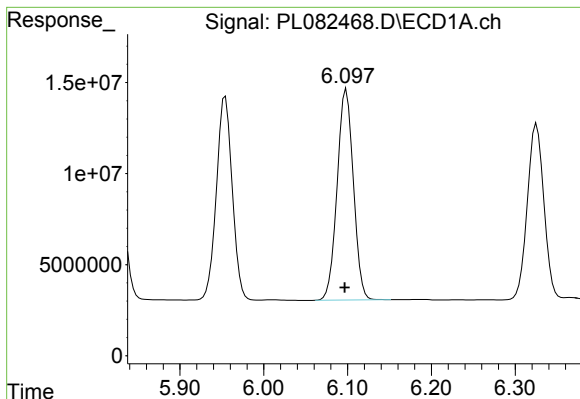
R.T.: 5.954 min  
Delta R.T.: 0.002 min  
Response: 146365480  
Conc: 57.58 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min  
Delta R.T.: -0.003 min  
Response: 124931534  
Conc: 54.34 ng/ml

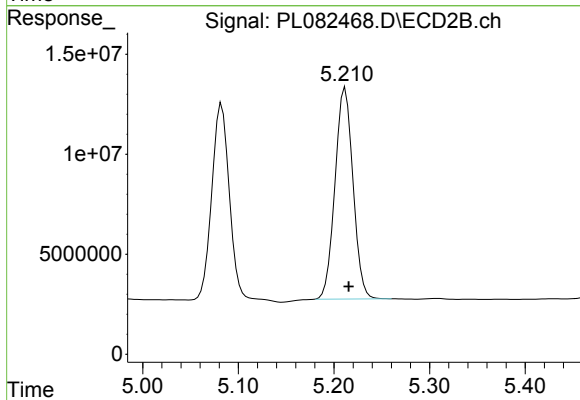




#13 Dieldrin

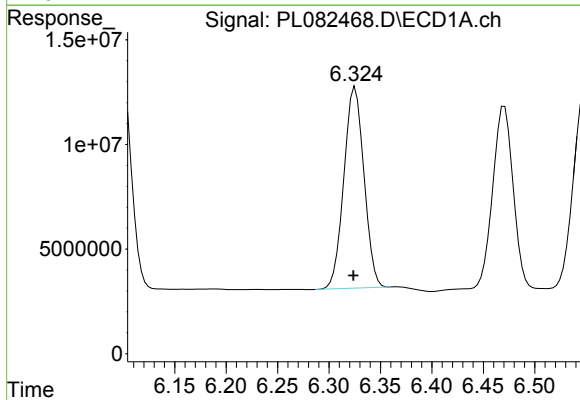
R.T.: 6.098 min  
Delta R.T.: 0.002 min  
Response: 155772364  
Conc: 56.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



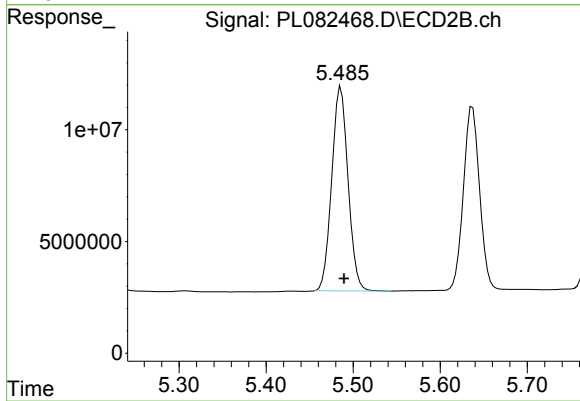
#13 Dieldrin

R.T.: 5.212 min  
Delta R.T.: -0.004 min  
Response: 138282126  
Conc: 51.21 ng/ml



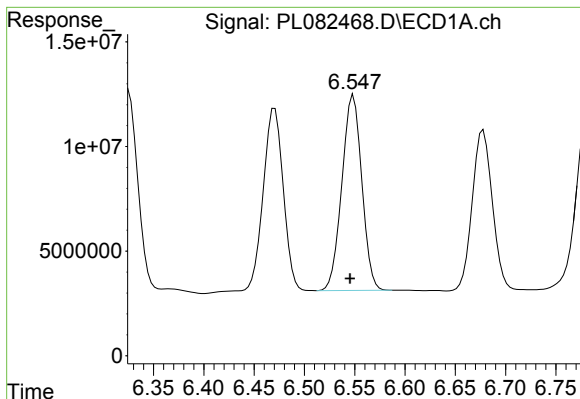
#14 Endrin

R.T.: 6.325 min  
Delta R.T.: 0.002 min  
Response: 130938129  
Conc: 54.01 ng/ml



#14 Endrin

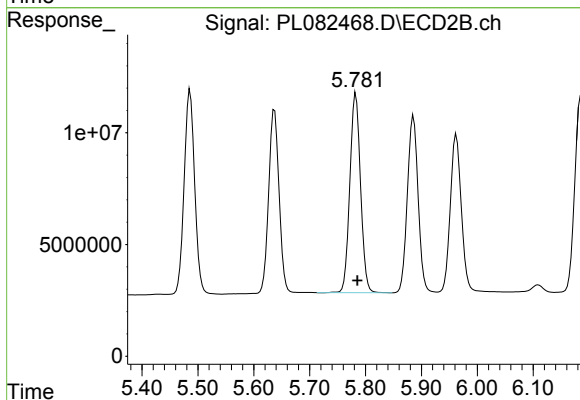
R.T.: 5.486 min  
Delta R.T.: -0.004 min  
Response: 119011382  
Conc: 48.66 ng/ml



#15 Endosulfan II

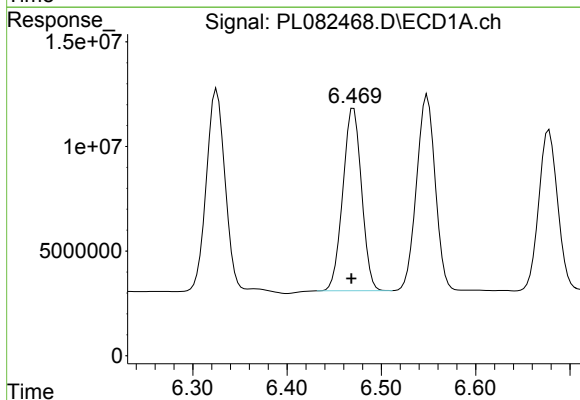
R.T.: 6.549 min  
Delta R.T.: 0.003 min  
Response: 128441281  
Conc: 52.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



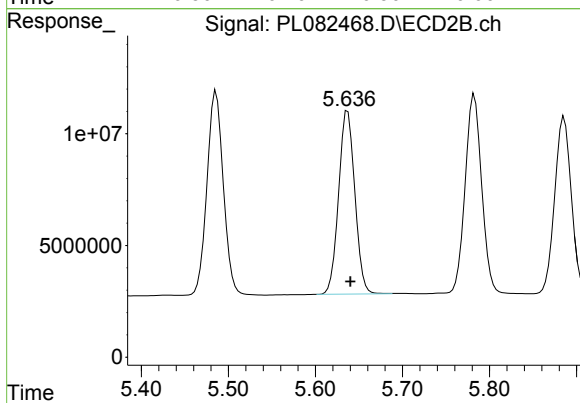
#15 Endosulfan II

R.T.: 5.783 min  
Delta R.T.: -0.003 min  
Response: 118558733  
Conc: 52.60 ng/ml



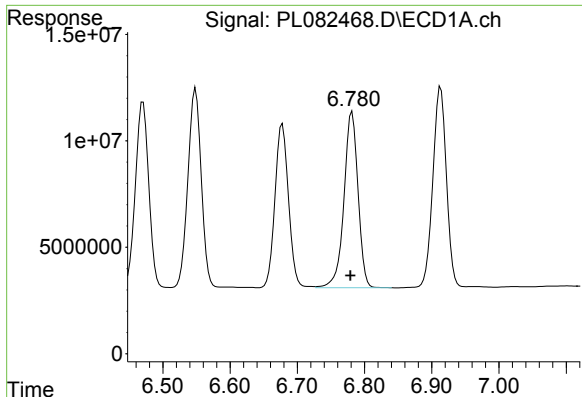
#16 4,4'-DDD

R.T.: 6.471 min  
Delta R.T.: 0.002 min  
Response: 120431260  
Conc: 59.41 ng/ml



#16 4,4'-DDD

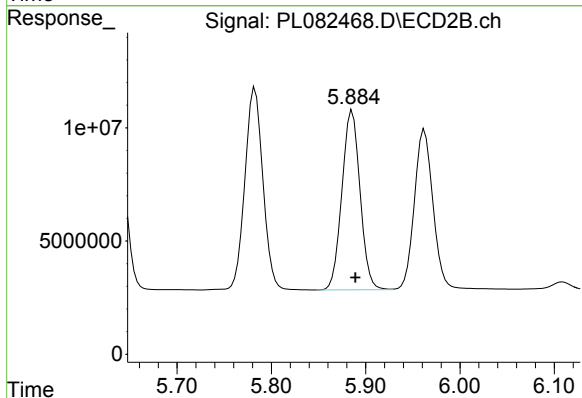
R.T.: 5.637 min  
Delta R.T.: -0.003 min  
Response: 106429868  
Conc: 56.90 ng/ml



#17 4,4'-DDT

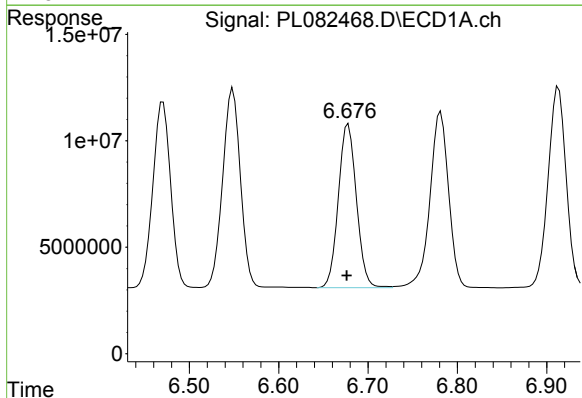
R.T.: 6.781 min  
Delta R.T.: 0.002 min  
Response: 120011729  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



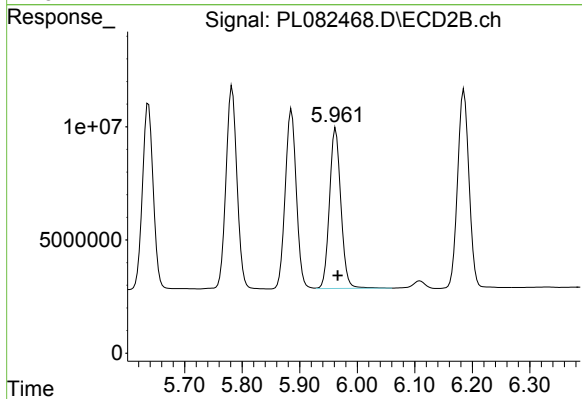
#17 4,4'-DDT

R.T.: 5.886 min  
Delta R.T.: -0.003 min  
Response: 106097540  
Conc: 50.22 ng/ml



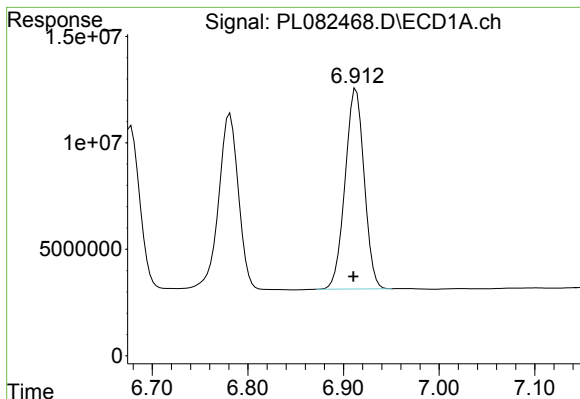
#18 Endrin aldehyde

R.T.: 6.678 min  
Delta R.T.: 0.002 min  
Response: 107966600  
Conc: 57.30 ng/ml



#18 Endrin aldehyde

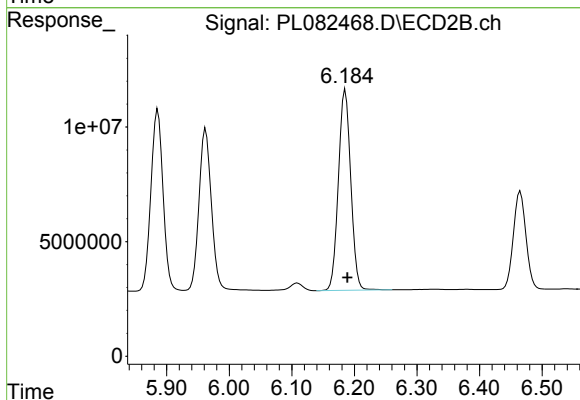
R.T.: 5.963 min  
Delta R.T.: -0.004 min  
Response: 97408665  
Conc: 52.05 ng/ml



#19 Endosulfan Sulfate

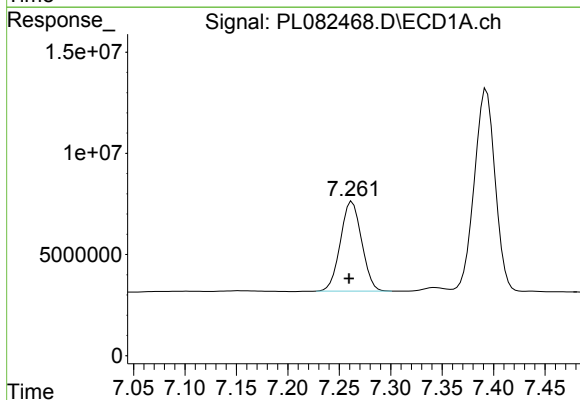
R.T.: 6.913 min  
Delta R.T.: 0.003 min  
Response: 130973416  
Conc: 55.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



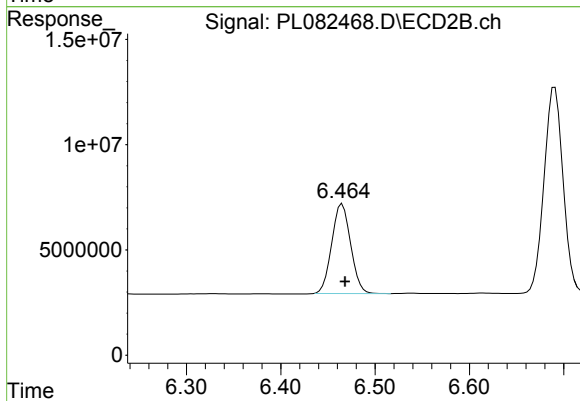
#19 Endosulfan Sulfate

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 120605990  
Conc: 51.23 ng/ml



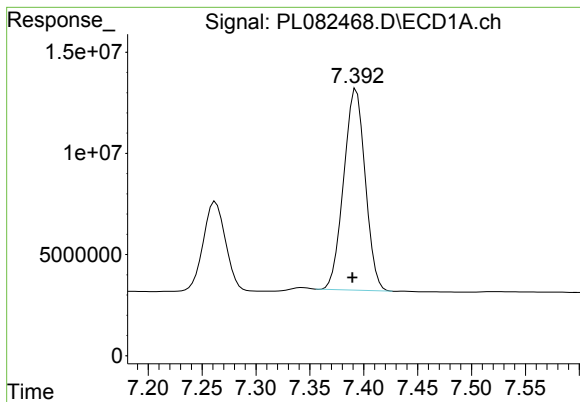
#20 Methoxychlor

R.T.: 7.263 min  
Delta R.T.: 0.003 min  
Response: 63701730  
Conc: 52.20 ng/ml



#20 Methoxychlor

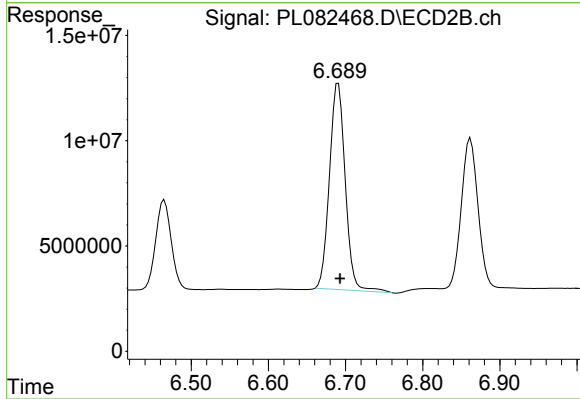
R.T.: 6.465 min  
Delta R.T.: -0.003 min  
Response: 59361815  
Conc: 48.99 ng/ml



#21 Endrin ketone

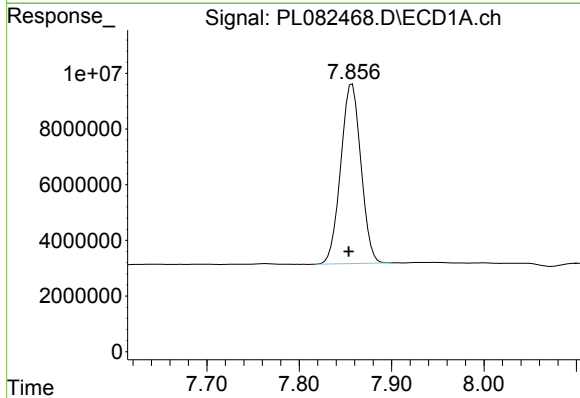
R.T.: 7.393 min  
Delta R.T.: 0.004 min  
Response: 138282213  
Conc: 57.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



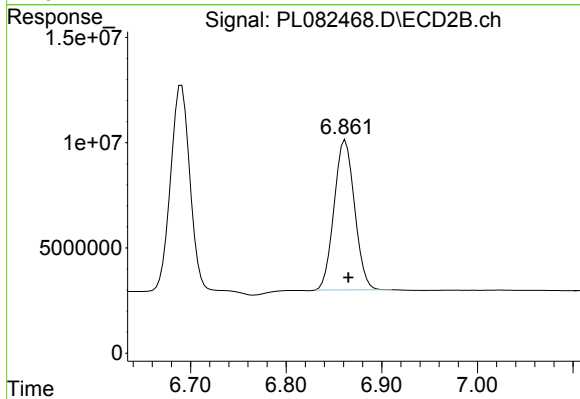
#21 Endrin ketone

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 139697536  
Conc: 55.04 ng/ml



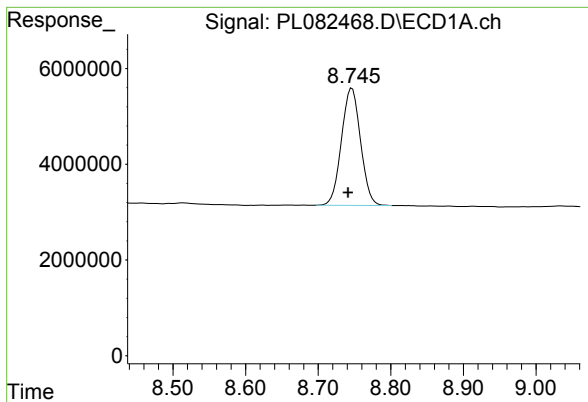
#22 Mirex

R.T.: 7.857 min  
Delta R.T.: 0.004 min  
Response: 98072743  
Conc: 50.13 ng/ml



#22 Mirex

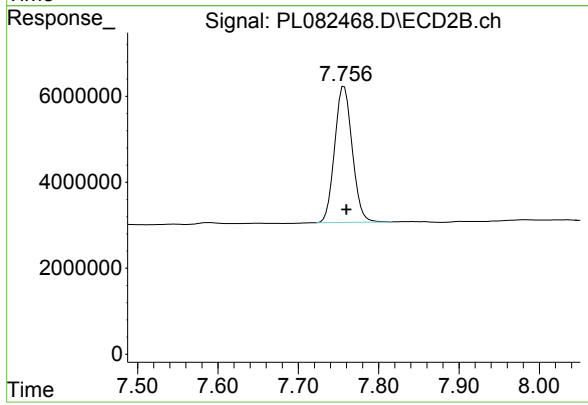
R.T.: 6.862 min  
Delta R.T.: -0.003 min  
Response: 106071093  
Conc: 46.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: 0.006 min  
Response: 44678711  
Conc: 23.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152546BS



#28 Decachlorobiphenyl

R.T.: 7.757 min  
Delta R.T.: -0.003 min  
Response: 48154128  
Conc: 21.10 ng/ml