

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010220\  
 Data File : PL055460.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jan 2020 13:51  
 Operator : SG\AJ  
 Sample : PB125861BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125816BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 02 22:05:52 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 2019  
 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... | 3.535 | 4.048  | 161.9E6 | 44771092 | 15.395   | 16.944     |
| 28)                         | SA Decachlor... | 8.313 | 9.149  | 167.1E6 | 38846435 | 18.006   | 17.598     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.977 | 4.439  | 798.7E6 | 179.3E6  | 45.909   | 48.690     |
| 3)                          | MA gamma-BHC... | 4.264 | 4.725  | 734.2E6 | 166.8E6  | 44.527   | 48.786     |
| 4)                          | MA Heptachlor   | 4.569 | 5.234  | 773.0E6 | 157.3E6  | 47.343   | 50.010     |
| 5)                          | MB Aldrin       | 4.820 | 5.540  | 726.2E6 | 145.3E6  | 47.561   | 50.443     |
| 6)                          | B beta-BHC      | 4.515 | 4.896  | 313.8E6 | 75232094 | 45.759   | 45.812     |
| 7)                          | B delta-BHC     | 4.722 | 5.114  | 694.6E6 | 127.6E6  | 45.889   | 45.625     |
| 8)                          | B Heptachlo...  | 5.265 | 5.927  | 689.9E6 | 121.7E6  | 48.283   | 47.756     |
| 9)                          | A Endosulfan I  | 5.607 | 6.285  | 626.7E6 | 123.2E6  | 47.432   | 49.760     |
| 10)                         | B gamma-Chl...  | 5.493 | 6.161  | 720.8E6 | 131.9E6  | 49.474   | 49.706     |
| 11)                         | B alpha-Chl...  | 5.552 | 6.234  | 676.0E6 | 131.1E6  | 48.015   | 50.001     |
| 12)                         | B 4,4'-DDE      | 5.714 | 6.391  | 646.6E6 | 124.6E6  | 48.522   | 51.115     |
| 13)                         | MA Dieldrin     | 5.851 | 6.543  | 677.2E6 | 129.3E6  | 48.511   | 50.680     |
| 14)                         | MA Endrin       | 6.110 | 6.762  | 635.5E6 | 109.7E6  | 50.003   | 51.101     |
| 15)                         | B Endosulfa...  | 6.382 | 6.972  | 529.8E6 | 117.6E6  | 45.140   | 49.589     |
| 16)                         | A 4,4'-DDD      | 6.232 | 6.883  | 482.3E6 | 97460481 | 50.215   | 51.266     |
| 17)                         | MA 4,4'-DDT     | 6.474 | 7.183  | 532.9E6 | 102.5E6  | 52.939   | 52.228     |
| 18)                         | B Endrin al...  | 6.551 | 7.096  | 494.5E6 | 95715117 | 50.777   | 49.595     |
| 19)                         | B Endosulfa...  | 6.765 | 7.321  | 503.0E6 | 103.4E6  | 50.005   | 49.501     |
| 20)                         | A Methoxychlor  | 7.019 | 7.644  | 257.5E6 | 55584713 | 53.429   | 51.502     |
| 21)                         | B Endrin ke...  | 7.258 | 7.795  | 553.2E6 | 112.2E6  | 52.774   | 50.404     |
| 22)                         | Mirex           | 7.450 | 8.252  | 386.8E6 | 87194583 | 50.780   | 52.588     |
| 24)                         | Chlordane-2     | 0.000 | 5.540f | 0       | 145.3E6  | N.D.     | 1525.913 # |
| 25)                         | Chlordane-3     | 5.493 | 6.161  | 720.8E6 | 131.9E6  | 568.725  | 409.945 #  |
| 26)                         | Chlordane-4     | 5.552 | 6.234  | 676.0E6 | 131.1E6  | 645.820  | 341.115 #  |
| 27)                         | Chlordane-5     | 6.382 | 0.000  | 529.8E6 | 0        | 1359.602 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

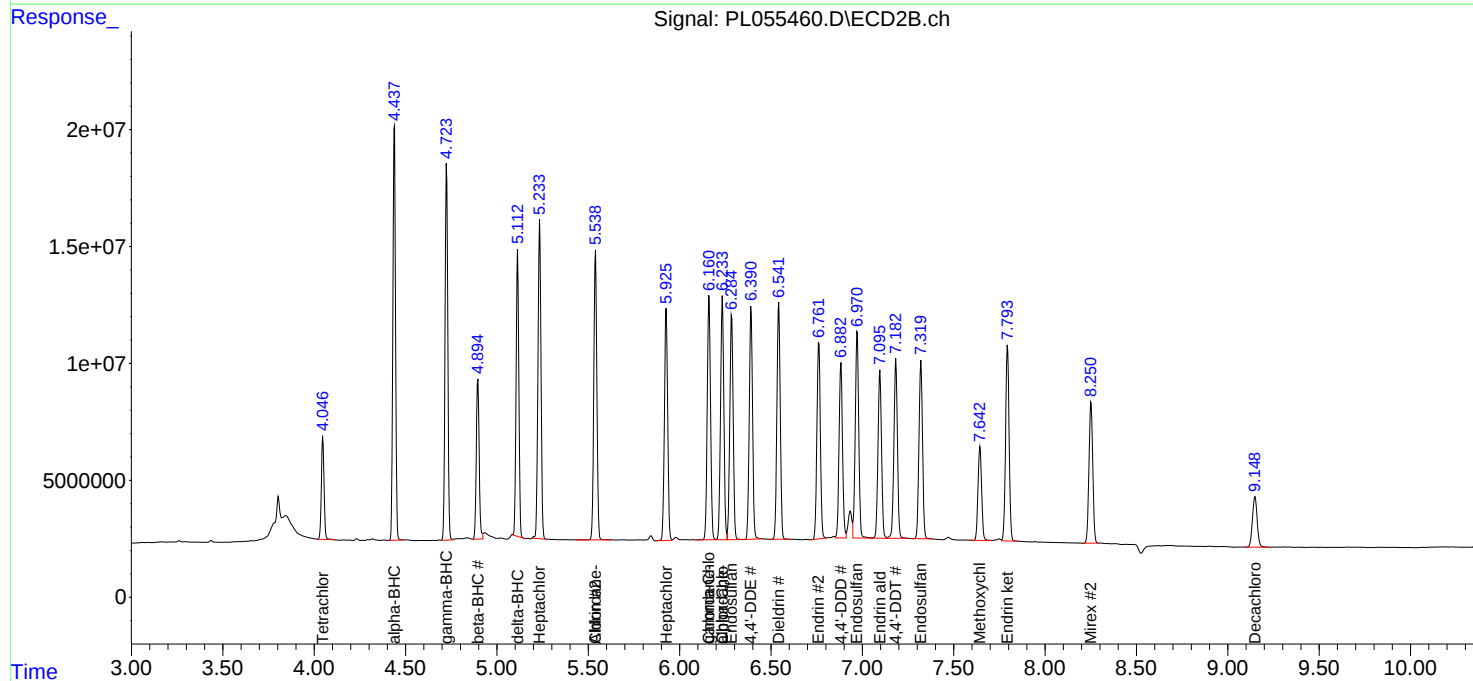
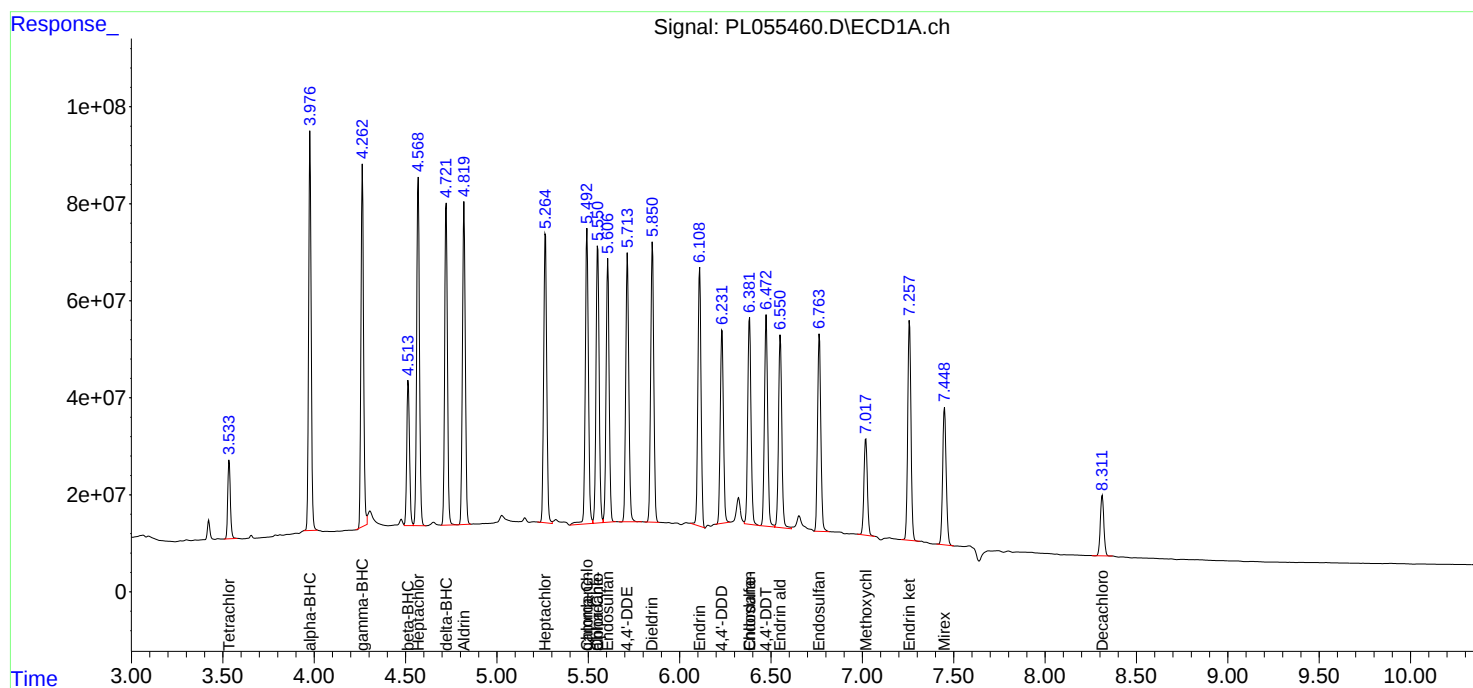
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

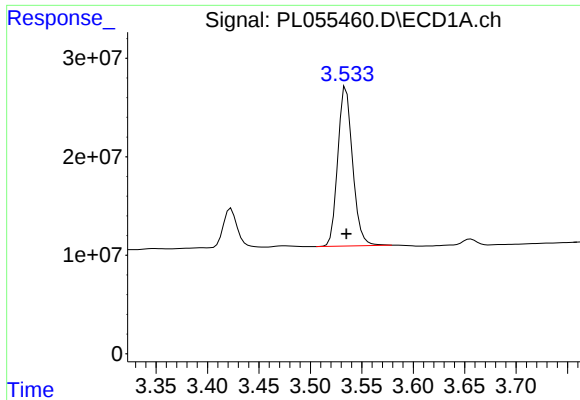
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010220\  
Data File : PL055460.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jan 2020 13:51  
Operator : SG\AJ  
Sample : PB125861BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 02 22:05:52 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 21 05:21:06 2019  
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

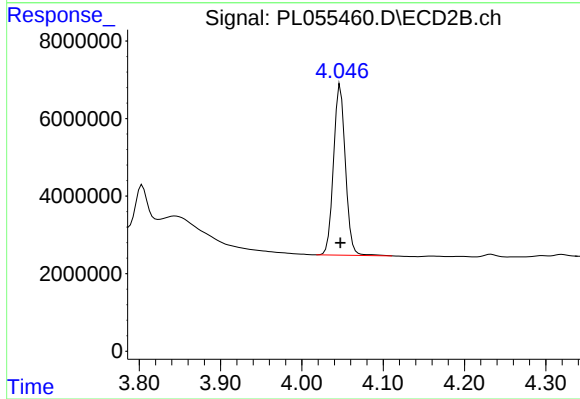




#1 Tetrachloro-m-xylene

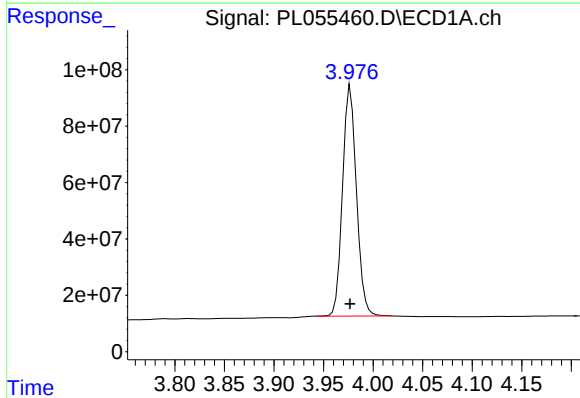
R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 161902323  
Conc: 15.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



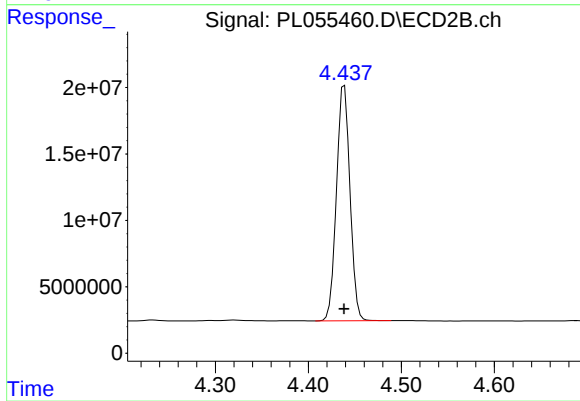
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 44771092  
Conc: 16.94 ng/ml



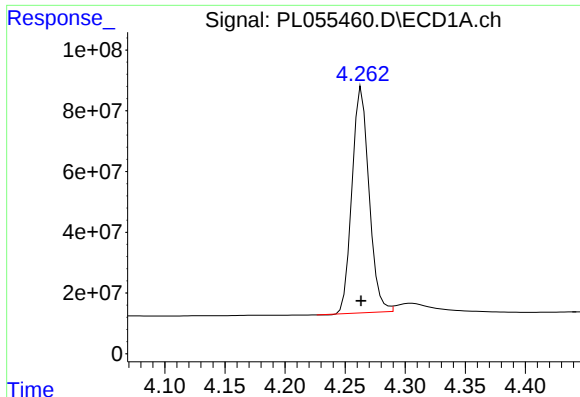
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 798702695  
Conc: 45.91 ng/ml



#2 alpha-BHC

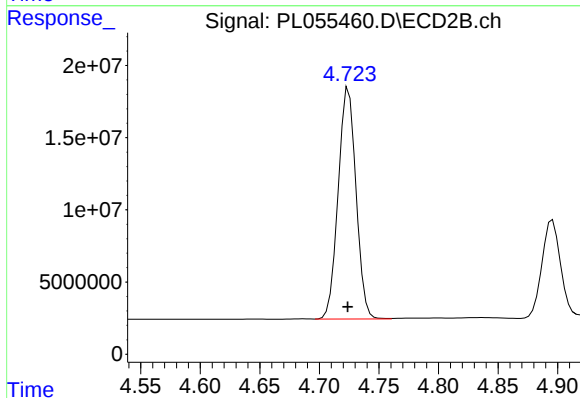
R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 179317432  
Conc: 48.69 ng/ml



#3 gamma-BHC (Lindane)

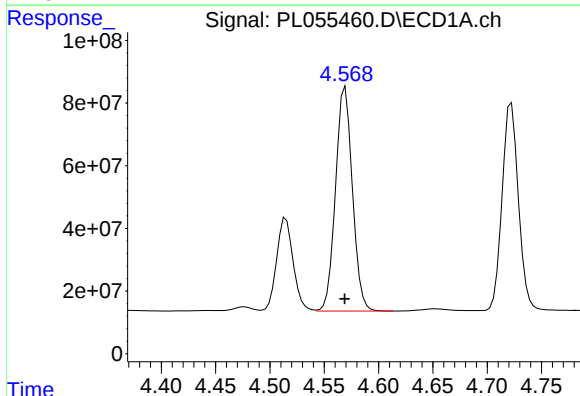
R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 734179958  
Conc: 44.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



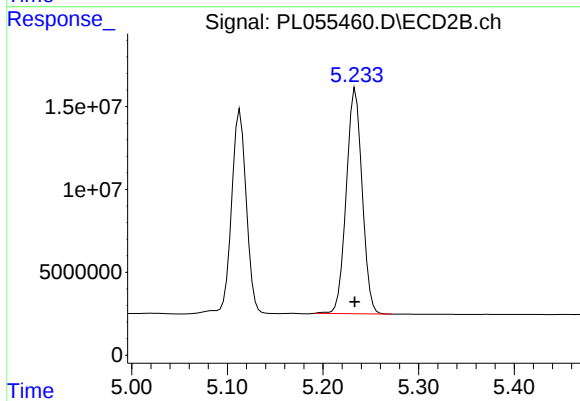
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 166779464  
Conc: 48.79 ng/ml



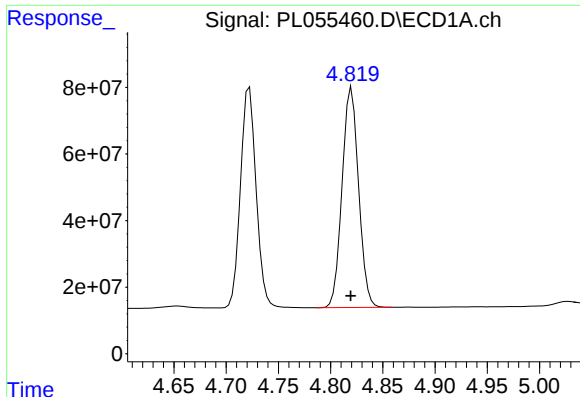
#4 Heptachlor

R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 772989740  
Conc: 47.34 ng/ml



#4 Heptachlor

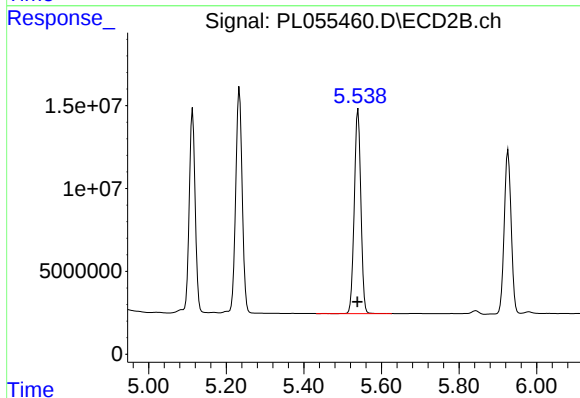
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 157336190  
Conc: 50.01 ng/ml



#5 Aldrin

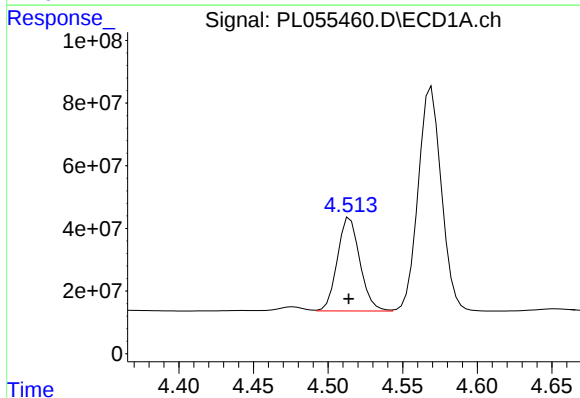
R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 726222839  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



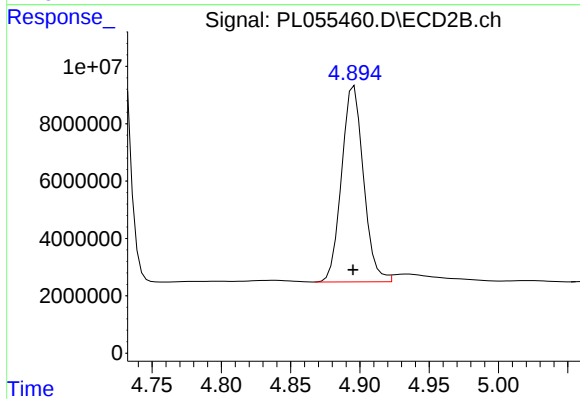
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 145250433  
Conc: 50.44 ng/ml



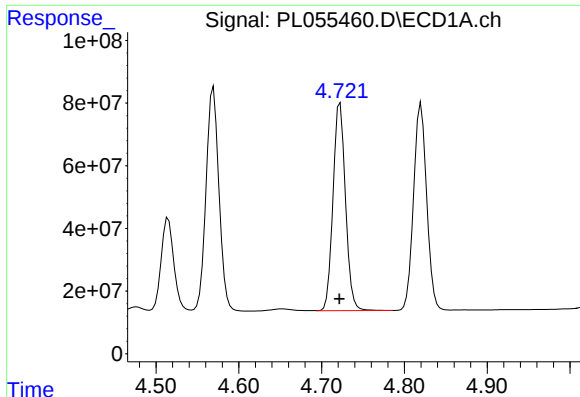
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 313788587  
Conc: 45.76 ng/ml



#6 beta-BHC

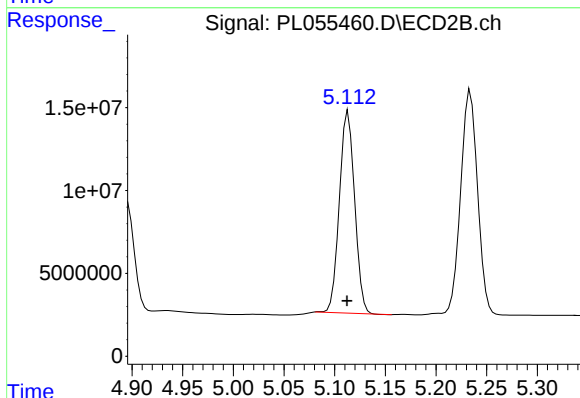
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 75232094  
Conc: 45.81 ng/ml



#7 delta-BHC

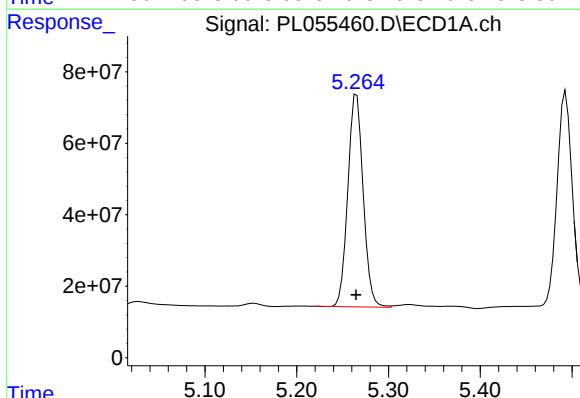
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 694585252  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



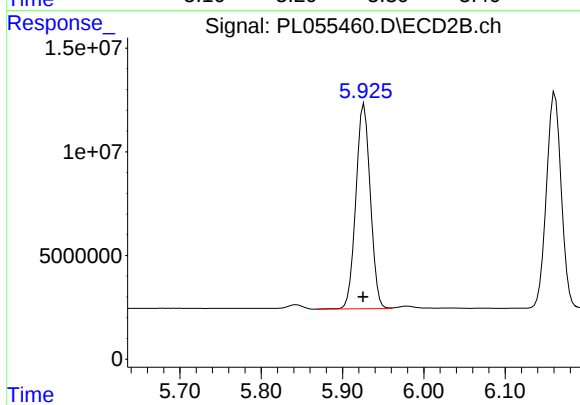
#7 delta-BHC

R.T.: 5.114 min  
Delta R.T.: 0.001 min  
Response: 127580614  
Conc: 45.62 ng/ml



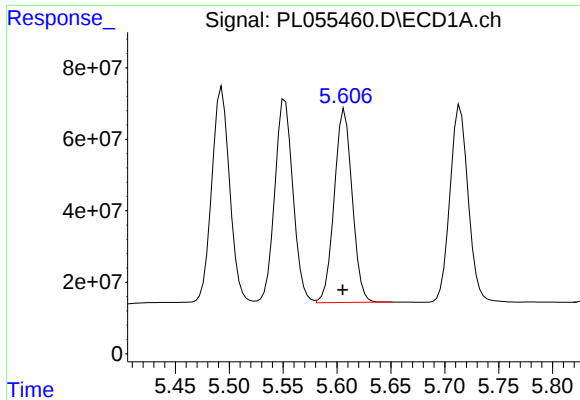
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 689925925  
Conc: 48.28 ng/ml



#8 Heptachlor epoxide

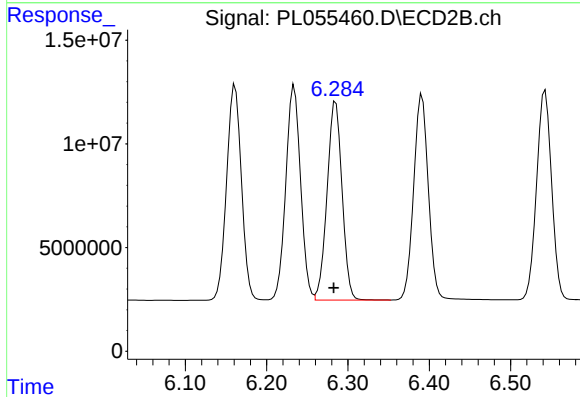
R.T.: 5.927 min  
Delta R.T.: 0.001 min  
Response: 121720642  
Conc: 47.76 ng/ml



#9 Endosulfan I

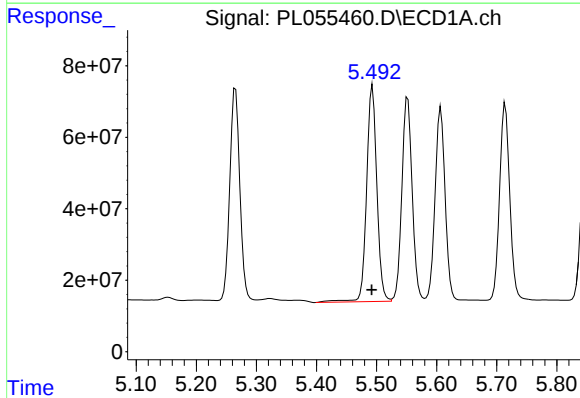
R.T.: 5.607 min  
Delta R.T.: 0.002 min  
Response: 626724857  
Conc: 47.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



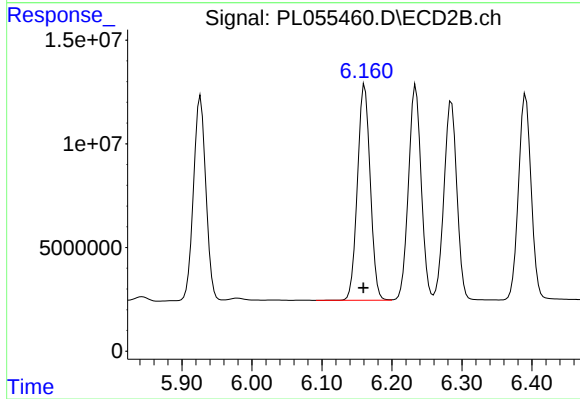
#9 Endosulfan I

R.T.: 6.285 min  
Delta R.T.: 0.002 min  
Response: 123245805  
Conc: 49.76 ng/ml



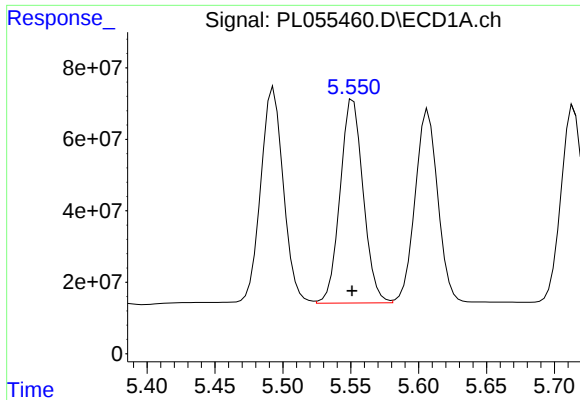
#10 gamma-Chlordane

R.T.: 5.493 min  
Delta R.T.: 0.001 min  
Response: 720837945  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

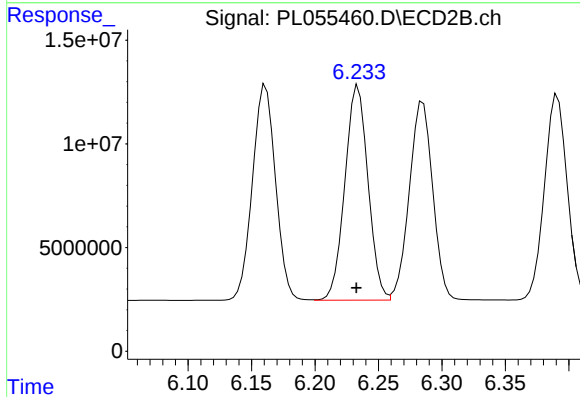
R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 131926282  
Conc: 49.71 ng/ml



#11 alpha-Chlordane

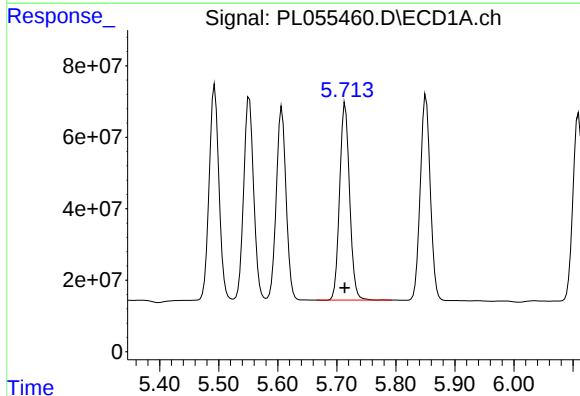
R.T.: 5.552 min  
Delta R.T.: 0.000 min  
Response: 676008352  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



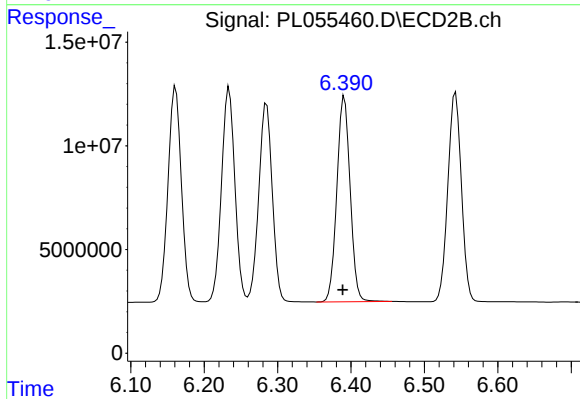
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 131117280  
Conc: 50.00 ng/ml



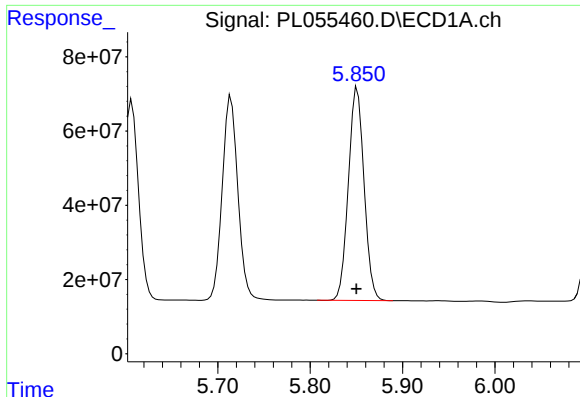
#12 4,4'-DDE

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 646616892  
Conc: 48.52 ng/ml



#12 4,4'-DDE

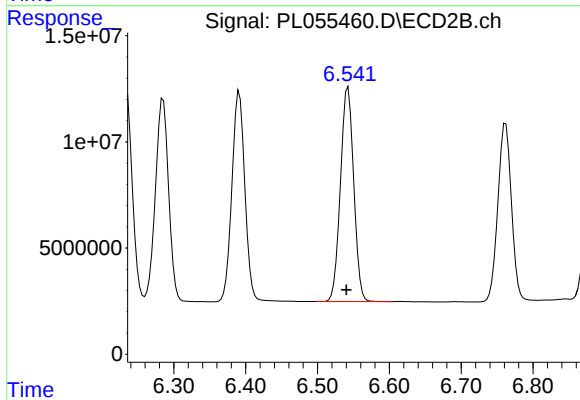
R.T.: 6.391 min  
Delta R.T.: 0.002 min  
Response: 124631043  
Conc: 51.11 ng/ml



#13 Dieldrin

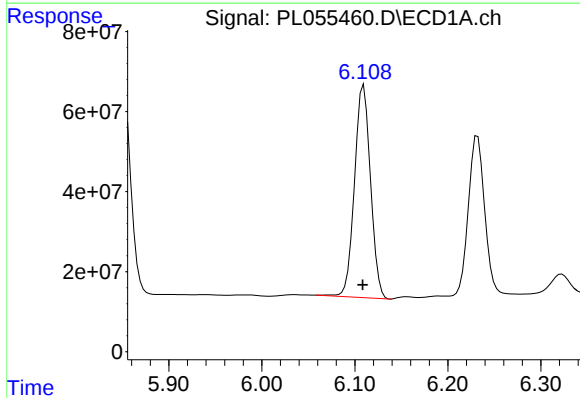
R.T.: 5.851 min  
Delta R.T.: 0.001 min  
Response: 677203245  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



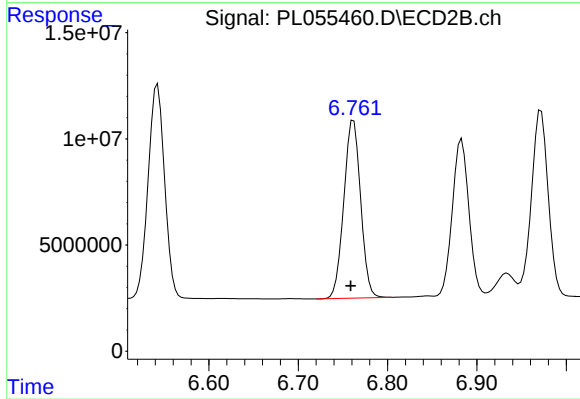
#13 Dieldrin

R.T.: 6.543 min  
Delta R.T.: 0.002 min  
Response: 129338221  
Conc: 50.68 ng/ml



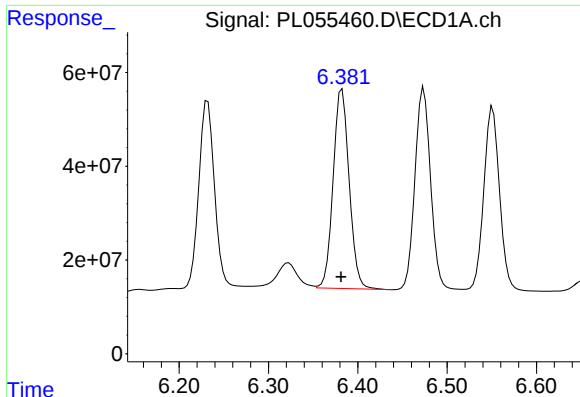
#14 Endrin

R.T.: 6.110 min  
Delta R.T.: 0.001 min  
Response: 635514950  
Conc: 50.00 ng/ml



#14 Endrin

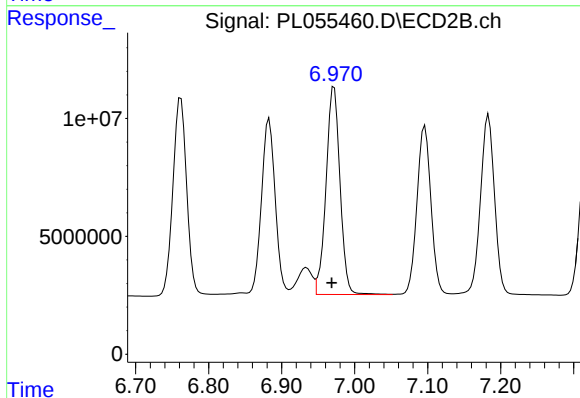
R.T.: 6.762 min  
Delta R.T.: 0.003 min  
Response: 109661375  
Conc: 51.10 ng/ml



#15 Endosulfan II

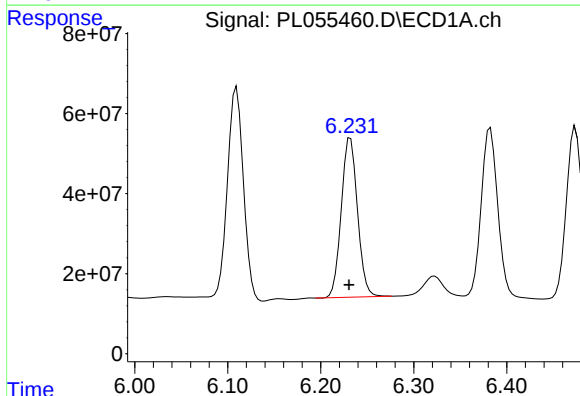
R.T.: 6.382 min  
Delta R.T.: 0.001 min  
Response: 529793614  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



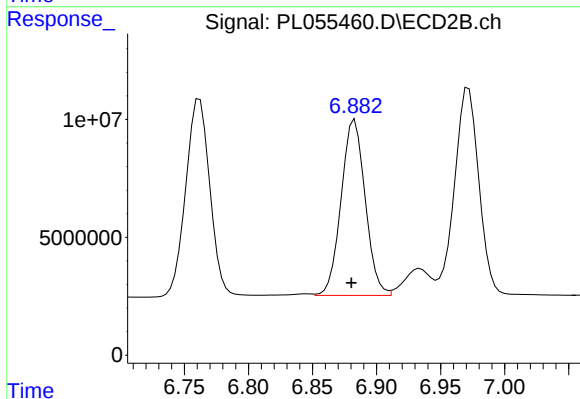
#15 Endosulfan II

R.T.: 6.972 min  
Delta R.T.: 0.003 min  
Response: 117562216  
Conc: 49.59 ng/ml



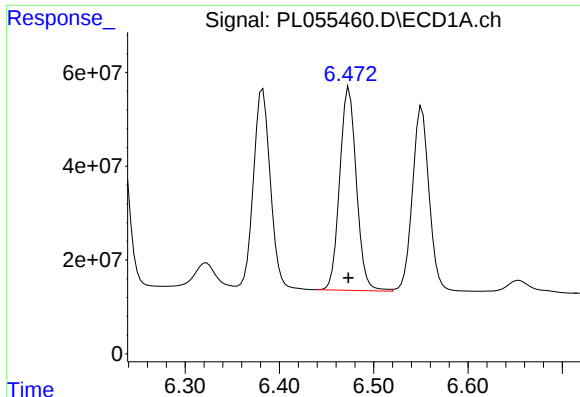
#16 4,4'-DDD

R.T.: 6.232 min  
Delta R.T.: 0.001 min  
Response: 482288738  
Conc: 50.21 ng/ml



#16 4,4'-DDD

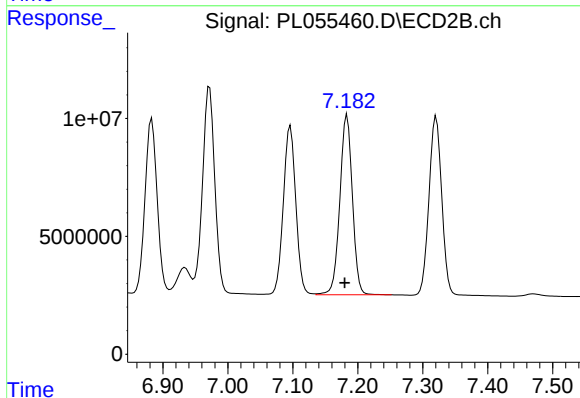
R.T.: 6.883 min  
Delta R.T.: 0.003 min  
Response: 97460481  
Conc: 51.27 ng/ml



#17 4,4'-DDT

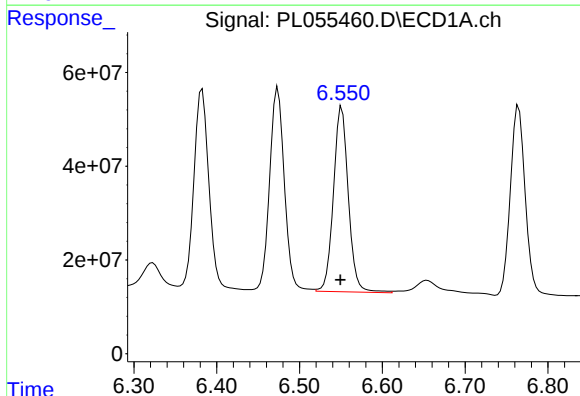
R.T.: 6.474 min  
Delta R.T.: 0.000 min  
Response: 532937564  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



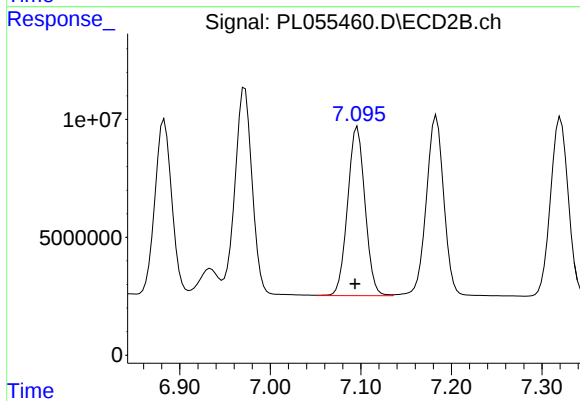
#17 4,4'-DDT

R.T.: 7.183 min  
Delta R.T.: 0.004 min  
Response: 102503395  
Conc: 52.23 ng/ml



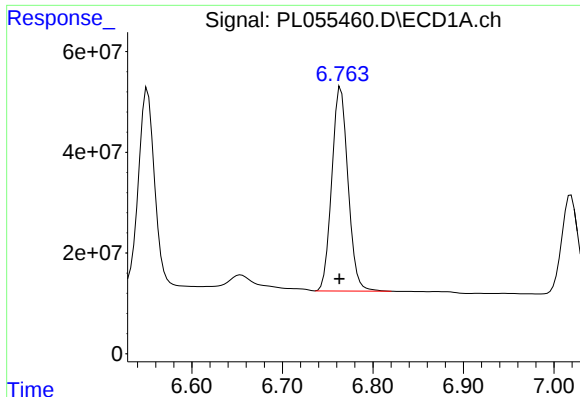
#18 Endrin aldehyde

R.T.: 6.551 min  
Delta R.T.: 0.002 min  
Response: 494528935  
Conc: 50.78 ng/ml



#18 Endrin aldehyde

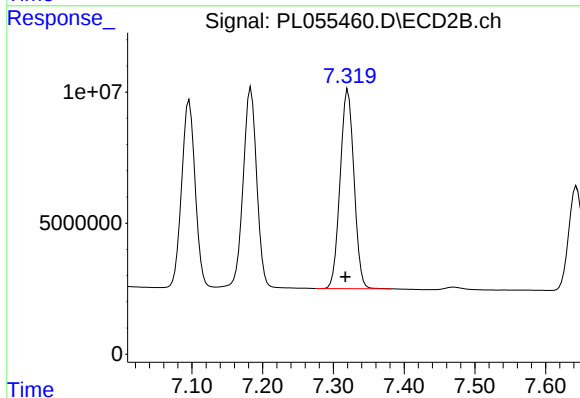
R.T.: 7.096 min  
Delta R.T.: 0.003 min  
Response: 95715117  
Conc: 49.60 ng/ml



#19 Endosulfan Sulfate

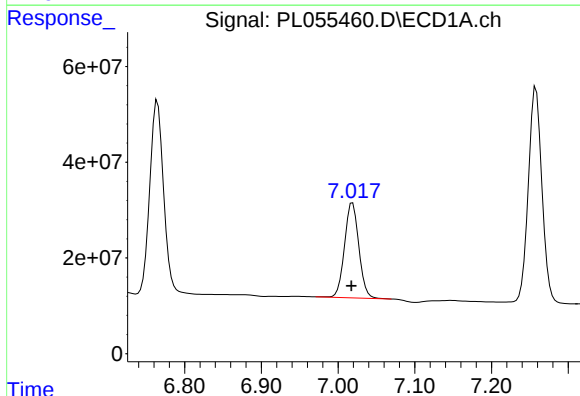
R.T.: 6.765 min  
Delta R.T.: 0.002 min  
Response: 502992371  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



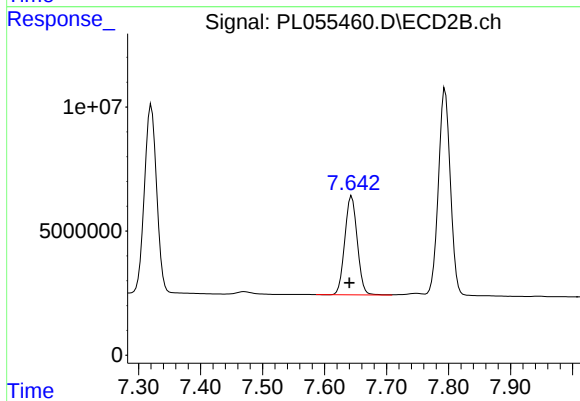
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: 0.004 min  
Response: 103385943  
Conc: 49.50 ng/ml



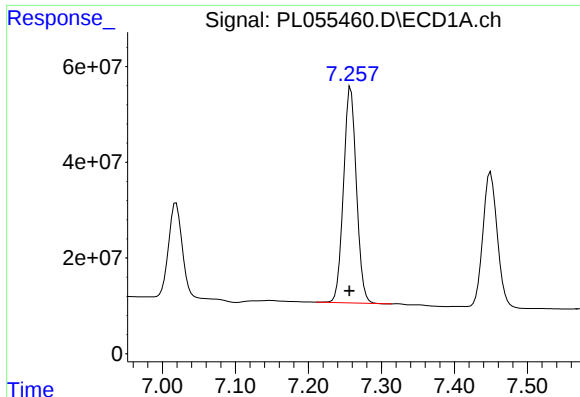
#20 Methoxychlor

R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 257497400  
Conc: 53.43 ng/ml



#20 Methoxychlor

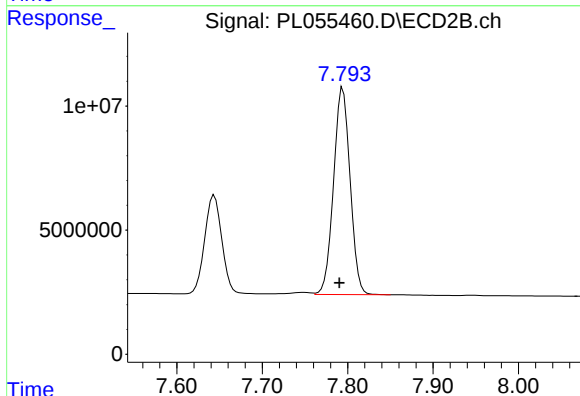
R.T.: 7.644 min  
Delta R.T.: 0.004 min  
Response: 55584713  
Conc: 51.50 ng/ml



#21 Endrin ketone

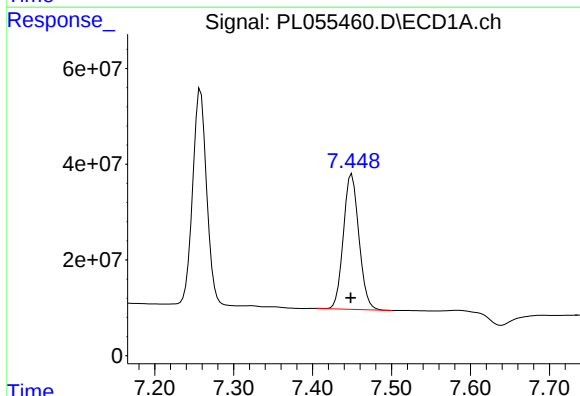
R.T.: 7.258 min  
Delta R.T.: 0.002 min  
Response: 553164165  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



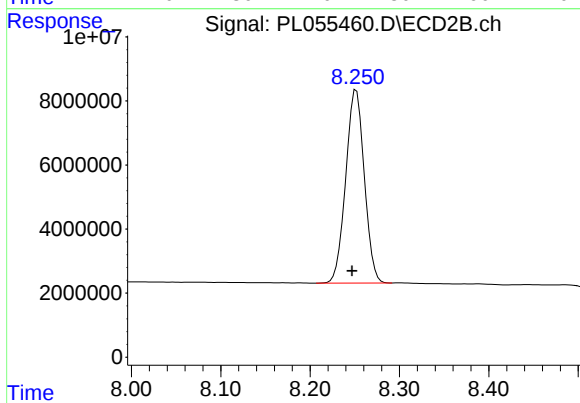
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: 0.004 min  
Response: 112248845  
Conc: 50.40 ng/ml



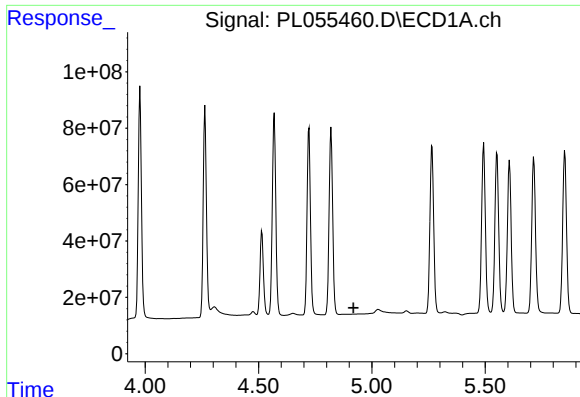
#22 Mirex

R.T.: 7.450 min  
Delta R.T.: 0.001 min  
Response: 386791567  
Conc: 50.78 ng/ml



#22 Mirex

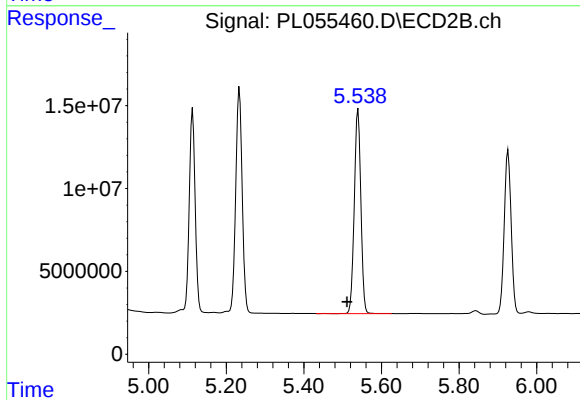
R.T.: 8.252 min  
Delta R.T.: 0.005 min  
Response: 87194583  
Conc: 52.59 ng/ml



#24 Chlordane-2

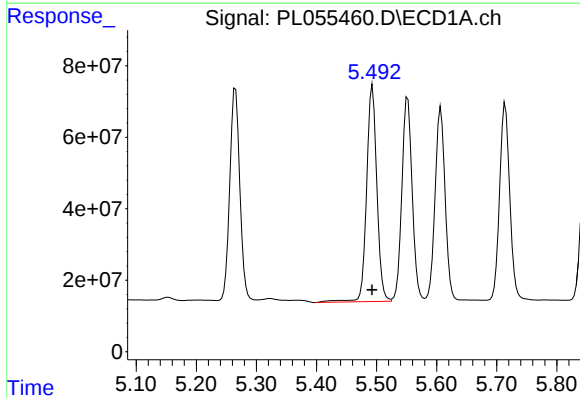
R.T.: 0.000 min  
Exp R.T.: 4.919 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



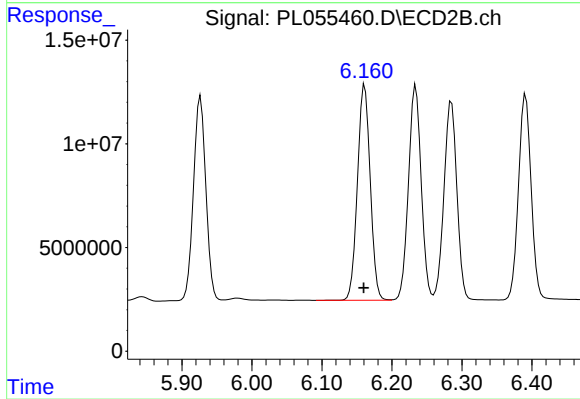
#24 Chlordane-2

R.T.: 5.540 min  
Delta R.T.: 0.028 min  
Response: 145250433  
Conc: 1525.91 ng/ml



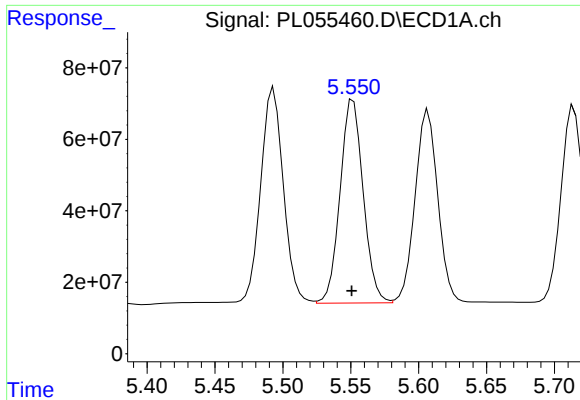
#25 Chlordane-3

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 720837945  
Conc: 568.72 ng/ml



#25 Chlordane-3

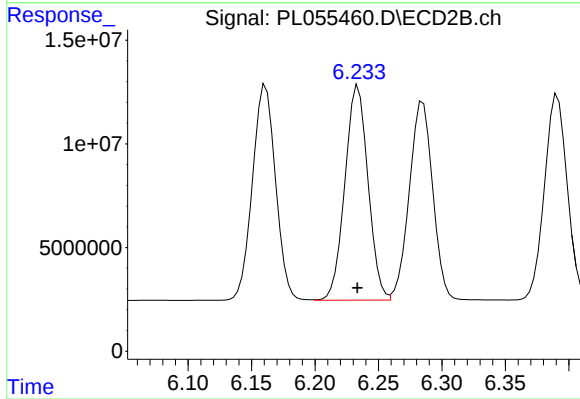
R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 131926282  
Conc: 409.95 ng/ml



#26 Chlordane-4

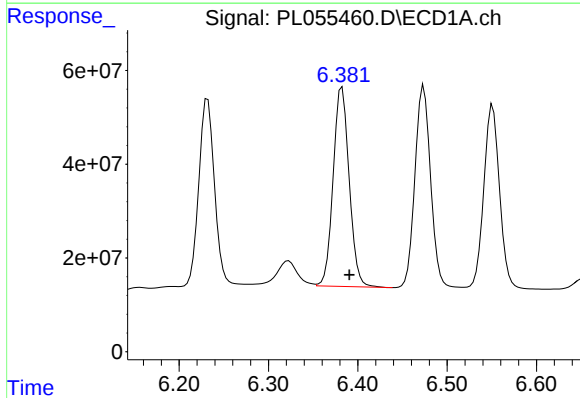
R.T.: 5.552 min  
Delta R.T.: 0.001 min  
Response: 676008352  
Conc: 645.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



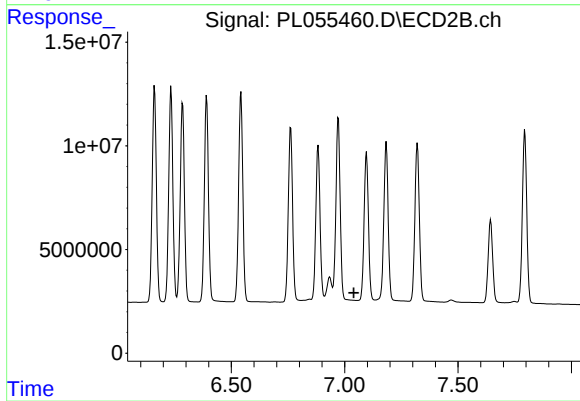
#26 Chlordane-4

R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 131117280  
Conc: 341.12 ng/ml



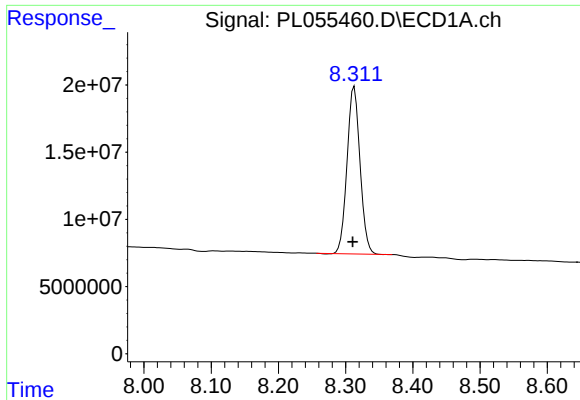
#27 Chlordane-5

R.T.: 6.382 min  
Delta R.T.: -0.008 min  
Response: 529793614  
Conc: 1359.60 ng/ml



#27 Chlordane-5

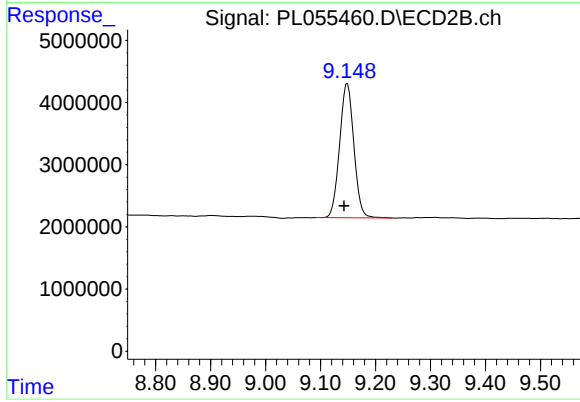
R.T.: 0.000 min  
Exp R.T.: 7.041 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.313 min  
Delta R.T.: 0.002 min  
Response: 167075234  
Conc: 18.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125816BS



#28 Decachlorobiphenyl

R.T.: 9.149 min  
Delta R.T.: 0.006 min  
Response: 38846435  
Conc: 17.60 ng/ml