

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041720\  
 Data File : PL058136.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2020 14:23  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 00:33:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.456 | 3.954  | 482.4E6  | 96400412 | 47.857   | 44.421     |
| 28)                         | SA Decachlor... | 8.201 | 8.973  | 457.4E6  | 95071621 | 44.376   | 42.561     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.892 | 4.341  | 839.6E6  | 150.6E6  | 48.332   | 45.863     |
| 3)                          | MA gamma-BHC... | 4.176 | 4.623  | 770.3E6  | 150.3E6  | 52.993   | 46.276     |
| 4)                          | MA Heptachlor   | 4.475 | 5.125  | 799.5E6  | 159.6E6  | 49.875   | 47.561     |
| 5)                          | MB Aldrin       | 4.723 | 5.426  | 755.6E6  | 153.5E6  | 51.311   | 47.394     |
| 6)                          | B beta-BHC      | 4.428 | 4.797  | 319.8E6  | 65081126 | 50.638   | 46.868     |
| 7)                          | B delta-BHC     | 4.631 | 5.010  | 788.1E6  | 134.4E6  | 51.932   | 53.614     |
| 8)                          | B Heptachlo...  | 5.166 | 5.811  | 673.8E6  | 161.9E6  | 50.135   | 59.947     |
| 9)                          | A Endosulfan I  | 5.505 | 6.165  | 614.2E6  | 140.7E6  | 50.114   | 47.173     |
| 10)                         | B gamma-Chl...  | 5.393 | 6.045  | 684.4E6  | 154.0E6  | 50.391   | 47.536     |
| 11)                         | B alpha-Chl...  | 5.451 | 6.116  | 656.2E6  | 154.1E6  | 49.282   | 47.092     |
| 12)                         | B 4,4'-DDE      | 5.615 | 6.275  | 600.2E6  | 138.4E6  | 45.817   | 46.744     |
| 13)                         | MA Dieldrin     | 5.747 | 6.421  | 651.1E6  | 143.7E6  | 50.050   | 47.032     |
| 14)                         | MA Endrin       | 6.004 | 6.638  | 580.0E6  | 117.6E6  | 49.688   | 47.052     |
| 15)                         | B Endosulfa...  | 6.277 | 6.848  | 535.8E6  | 117.1E6  | 48.435   | 45.156     |
| 16)                         | A 4,4'-DDD      | 6.130 | 6.764  | 506.7E6  | 106.5E6  | 50.702   | 46.650     |
| 17)                         | MA 4,4'-DDT     | 6.370 | 7.060  | 484.3E6  | 99102799 | 47.720   | 44.493     |
| 18)                         | B Endrin al...  | 6.445 | 6.972  | 448.4E6  | 98139644 | 47.961   | 44.174     |
| 19)                         | B Endosulfa...  | 6.659 | 7.194  | 491.9E6  | 105.3E6  | 48.417   | 44.360     |
| 20)                         | A Methoxychlor  | 6.914 | 7.520  | 247.9E6  | 53849009 | 44.965   | 42.334     |
| 21)                         | B Endrin ke...  | 7.149 | 7.662  | 532.6E6  | 111.0E6  | 47.841   | 44.897     |
| 22)                         | Mirex           | 7.336 | 8.111  | 376.4E6  | 81811803 | 45.914   | 44.496     |
| 23)                         | Chlordane-1     | 4.330 | 0.000  | 456236   | 0        | 1.234    | N.D. #     |
| 24)                         | Chlordane-2     | 4.826 | 5.426f | 39771139 | 153.5E6  | 98.513   | 1470.591 # |
| 25)                         | Chlordane-3     | 5.393 | 6.045  | 684.4E6  | 154.0E6  | 559.763  | 355.954 #  |
| 26)                         | Chlordane-4     | 5.451 | 6.116  | 656.2E6  | 154.1E6  | 630.861  | 293.561 #  |
| 27)                         | Chlordane-5     | 6.277 | 0.000  | 535.8E6  | 0        | 1416.408 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

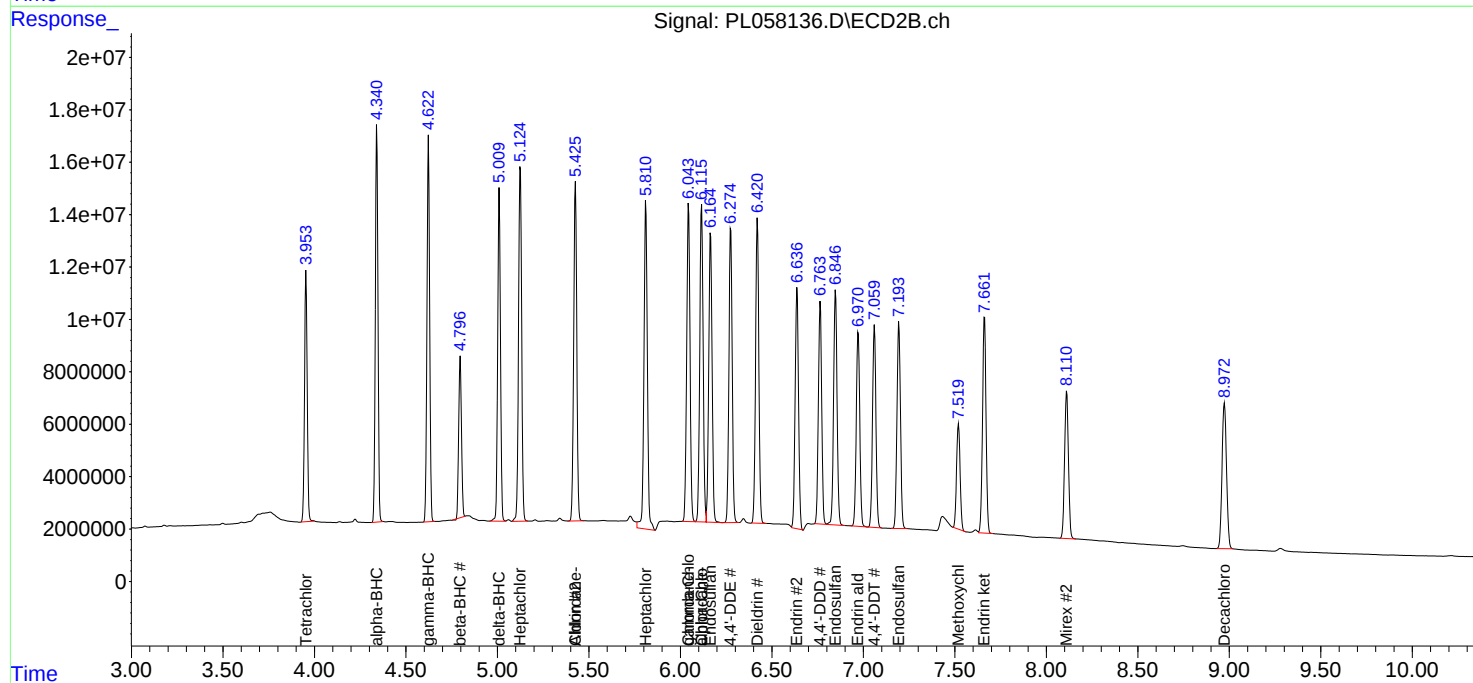
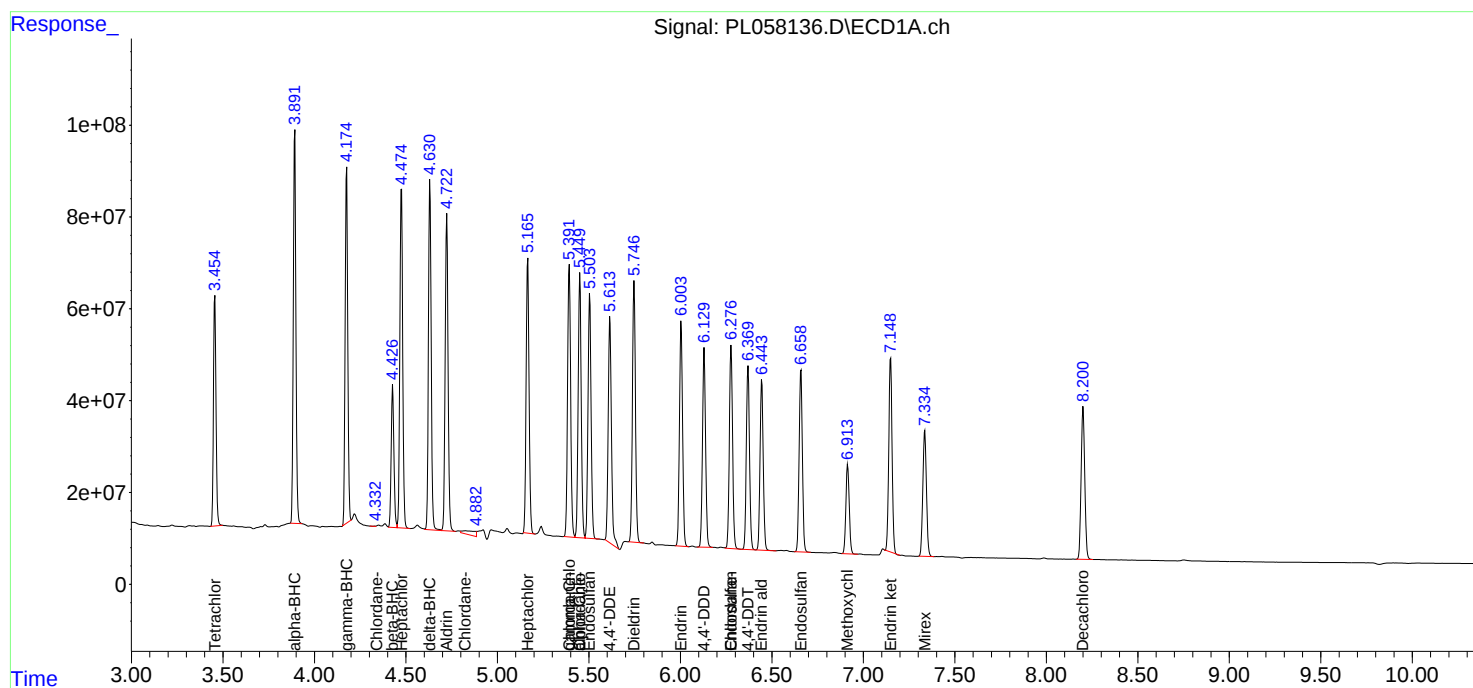
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

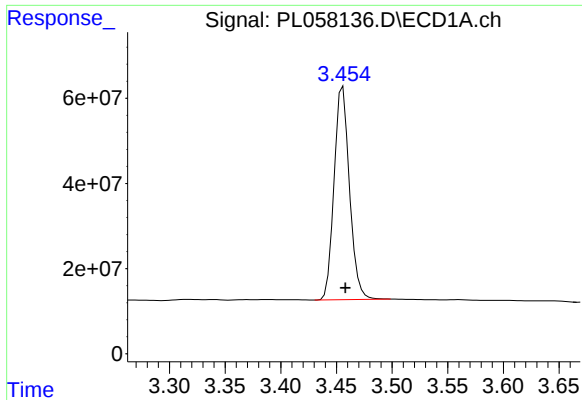
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041720\  
Data File : PL058136.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2020 14:23  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 00:33:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

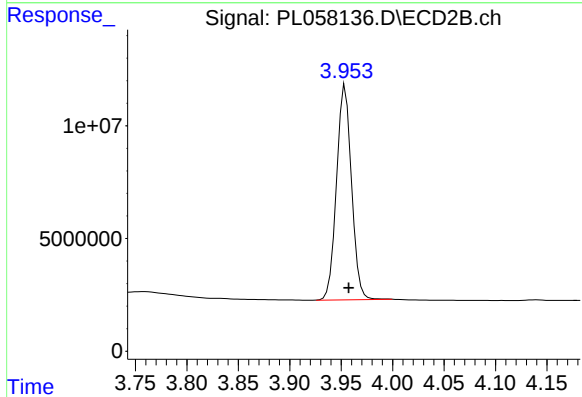




#1 Tetrachloro-m-xylene

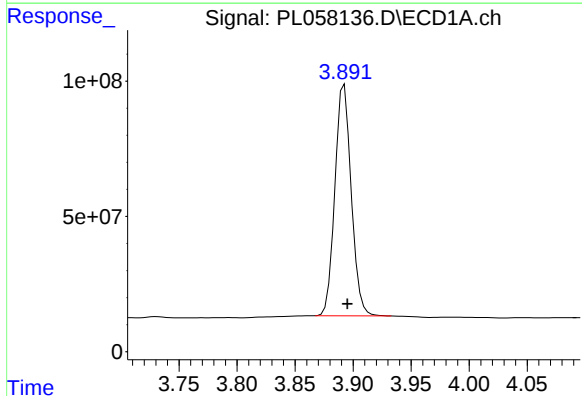
R.T.: 3.456 min  
Delta R.T.: -0.002 min  
Response: 482443361  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



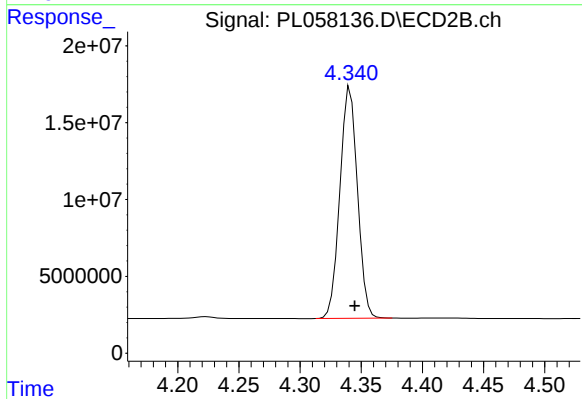
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 96400412  
Conc: 44.42 ng/ml



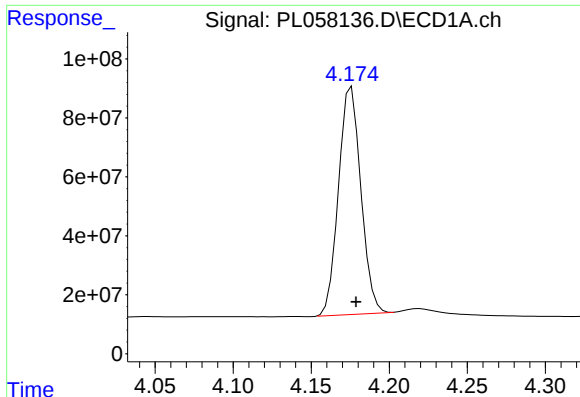
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.003 min  
Response: 839624843  
Conc: 48.33 ng/ml



#2 alpha-BHC

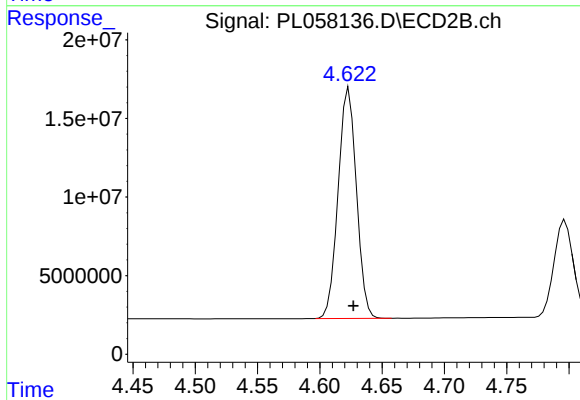
R.T.: 4.341 min  
Delta R.T.: -0.004 min  
Response: 150597744  
Conc: 45.86 ng/ml



#3 gamma-BHC (Lindane)

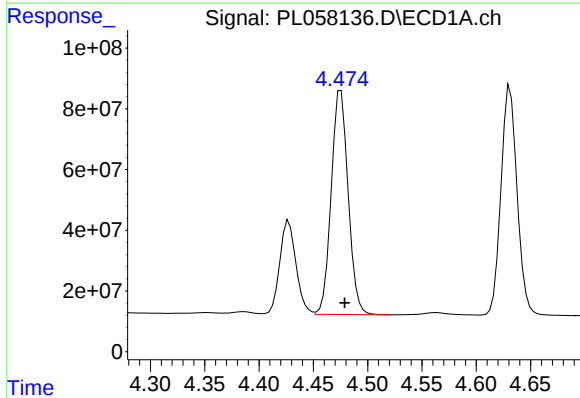
R.T.: 4.176 min  
Delta R.T.: -0.003 min  
Response: 770262145  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



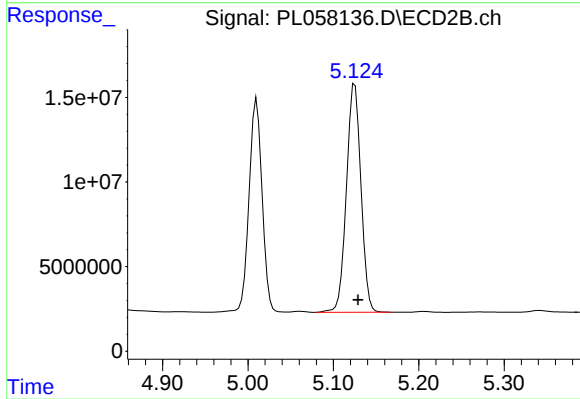
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 150332383  
Conc: 46.28 ng/ml



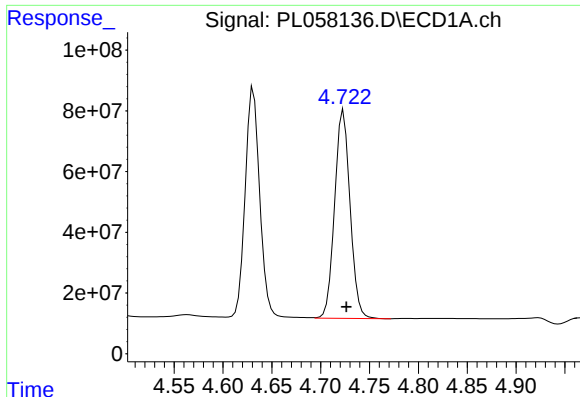
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: -0.003 min  
Response: 799515883  
Conc: 49.88 ng/ml



#4 Heptachlor

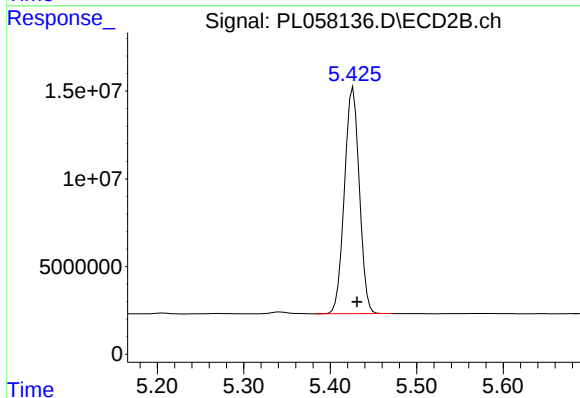
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 159622080  
Conc: 47.56 ng/ml



#5 Aldrin

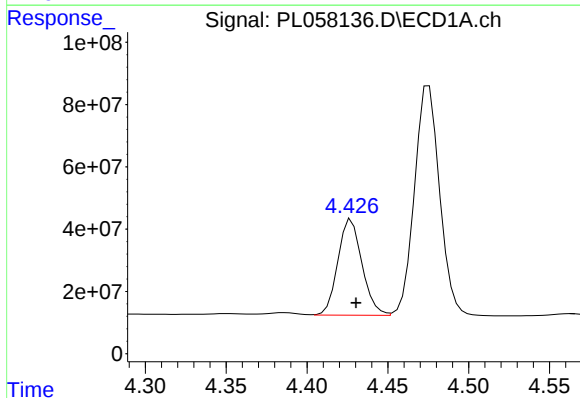
R.T.: 4.723 min  
Delta R.T.: -0.003 min  
Response: 75553541  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



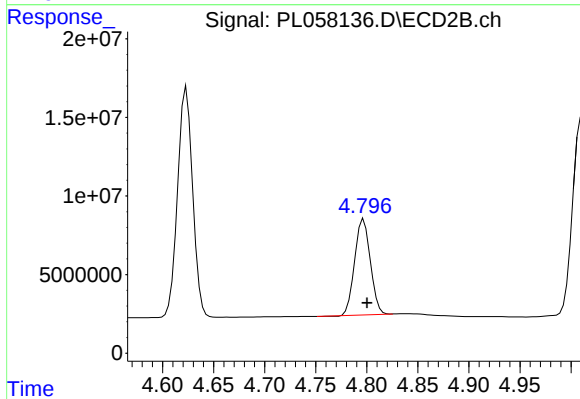
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.005 min  
Response: 153468869  
Conc: 47.39 ng/ml



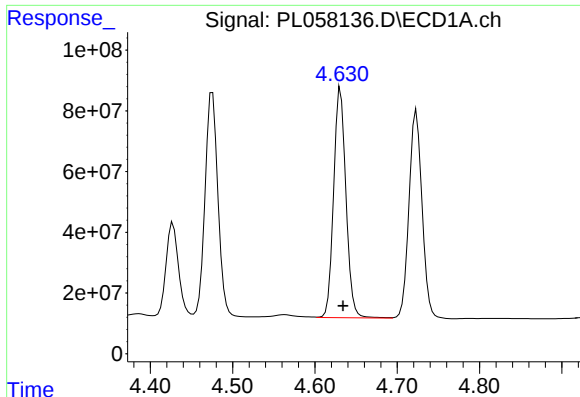
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 319794083  
Conc: 50.64 ng/ml



#6 beta-BHC

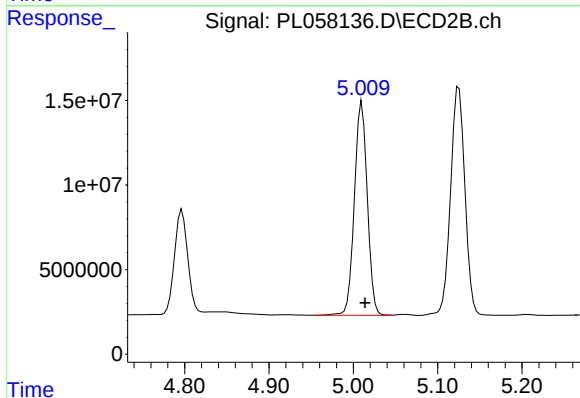
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 65081126  
Conc: 46.87 ng/ml



#7 delta-BHC

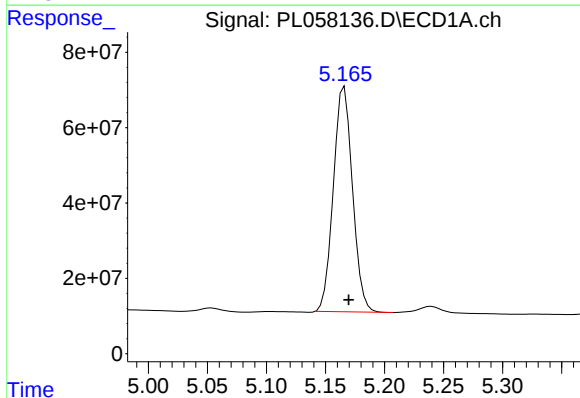
R.T.: 4.631 min  
Delta R.T.: -0.003 min  
Response: 788135091  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



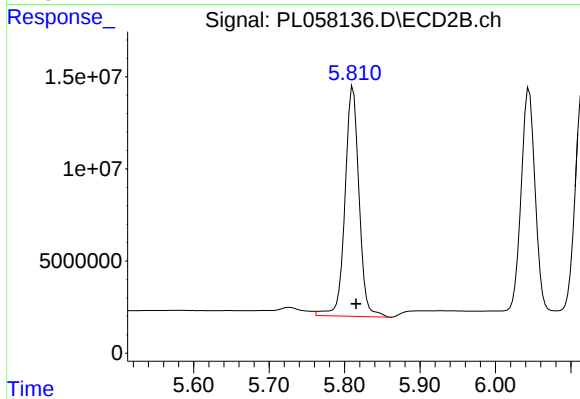
#7 delta-BHC

R.T.: 5.010 min  
Delta R.T.: -0.004 min  
Response: 134427163  
Conc: 53.61 ng/ml



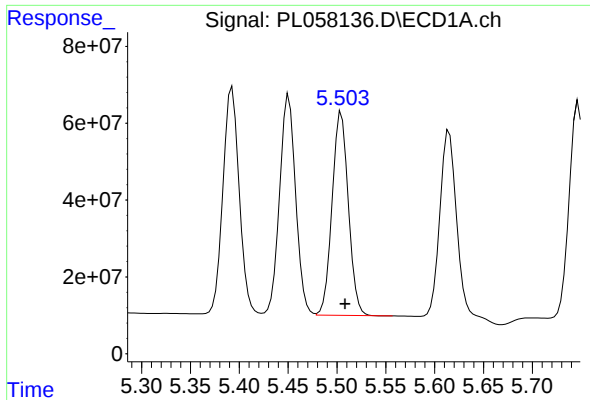
#8 Heptachlor epoxide

R.T.: 5.166 min  
Delta R.T.: -0.003 min  
Response: 673814102  
Conc: 50.14 ng/ml



#8 Heptachlor epoxide

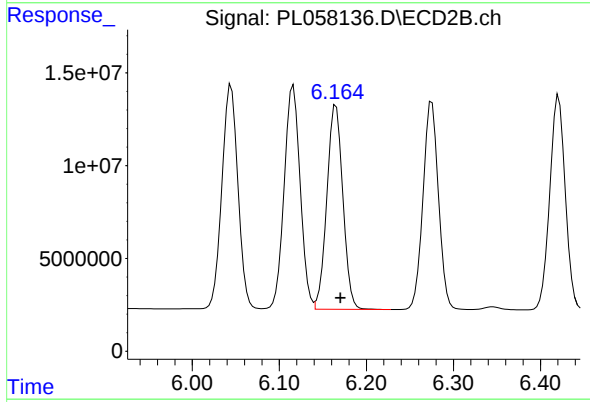
R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 161875565  
Conc: 59.95 ng/ml



#9 Endosulfan I

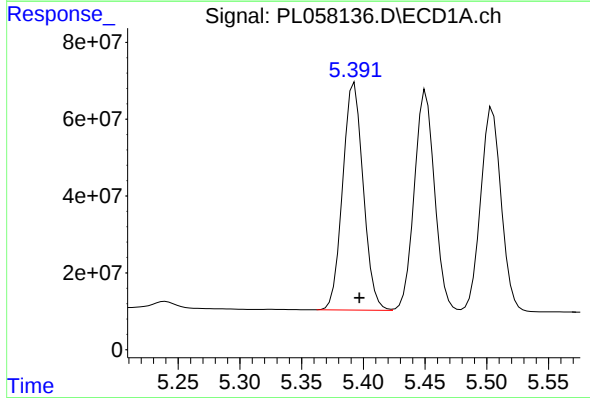
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 614227913  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



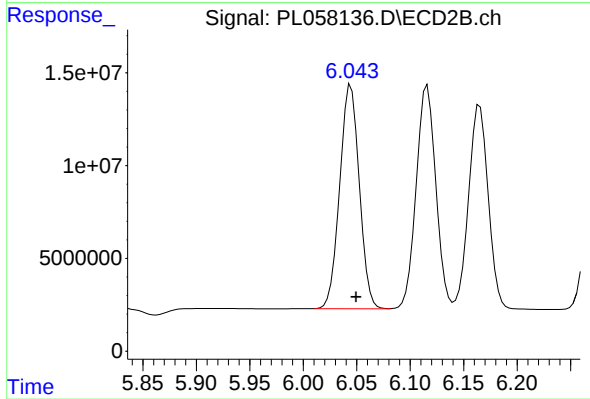
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 140658450  
Conc: 47.17 ng/ml



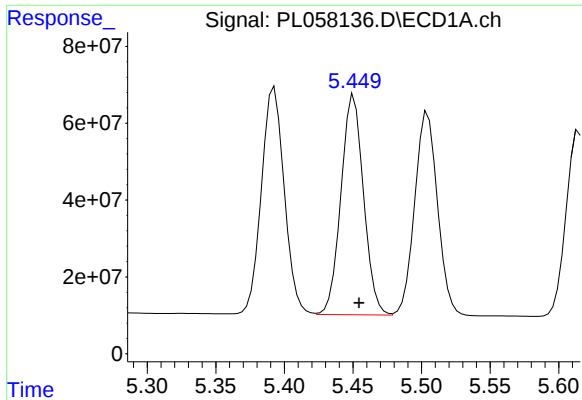
#10 gamma-Chlordane

R.T.: 5.393 min  
Delta R.T.: -0.004 min  
Response: 684373724  
Conc: 50.39 ng/ml



#10 gamma-Chlordane

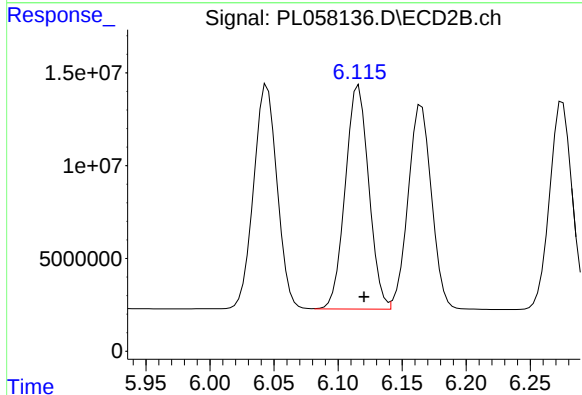
R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 154011884  
Conc: 47.54 ng/ml



#11 alpha-Chlordane

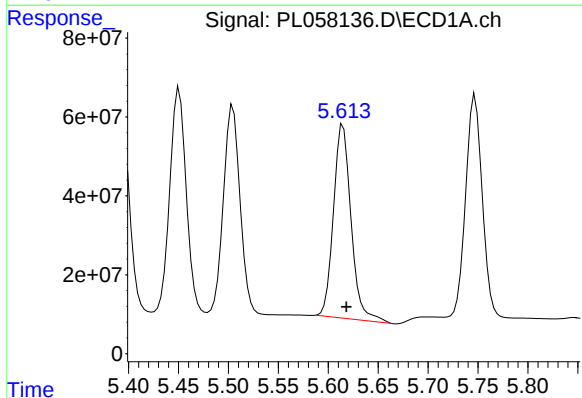
R.T.: 5.451 min  
Delta R.T.: -0.004 min  
Response: 656228063  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



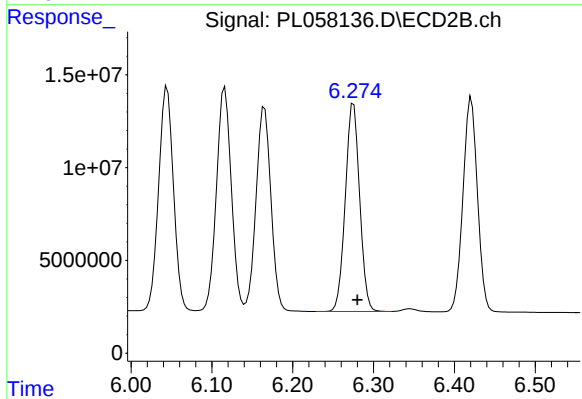
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: -0.004 min  
Response: 154101217  
Conc: 47.09 ng/ml



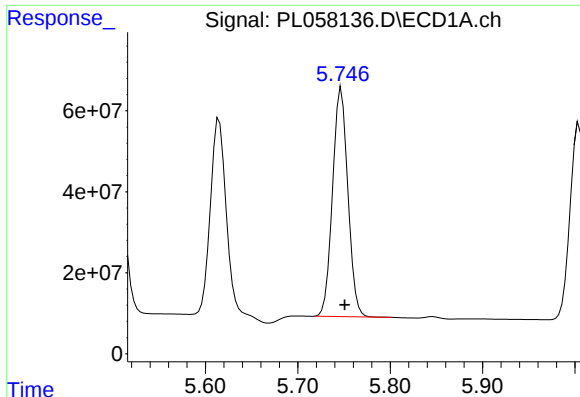
#12 4,4'-DDE

R.T.: 5.615 min  
Delta R.T.: -0.003 min  
Response: 600208818  
Conc: 45.82 ng/ml



#12 4,4'-DDE

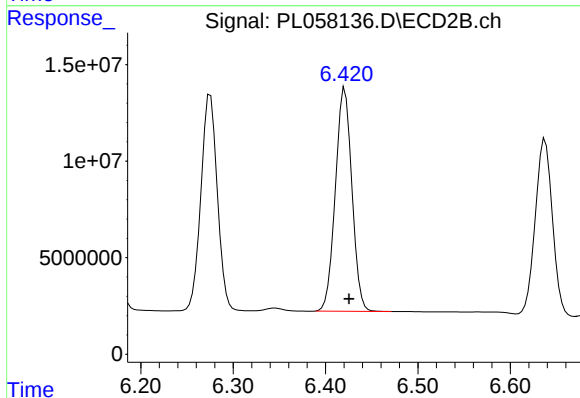
R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 138392475  
Conc: 46.74 ng/ml



#13 Dieldrin

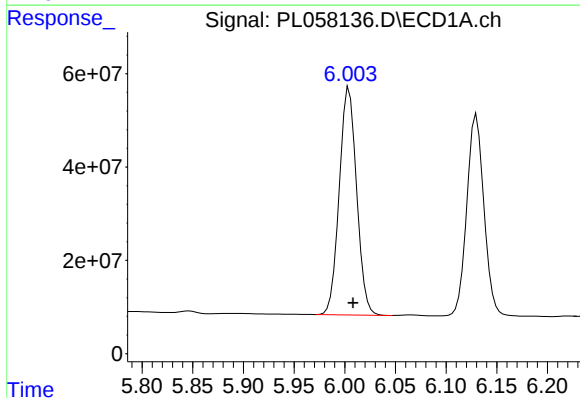
R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 651096491  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



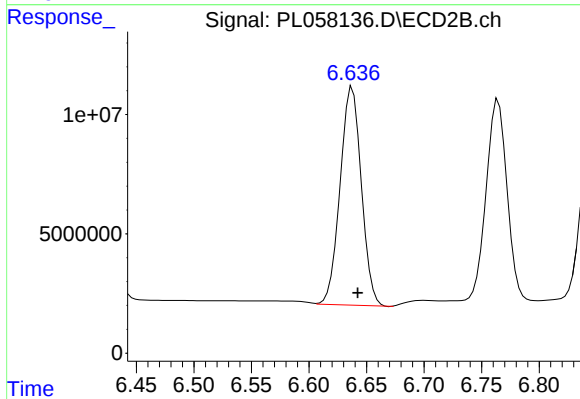
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: -0.005 min  
Response: 143712120  
Conc: 47.03 ng/ml



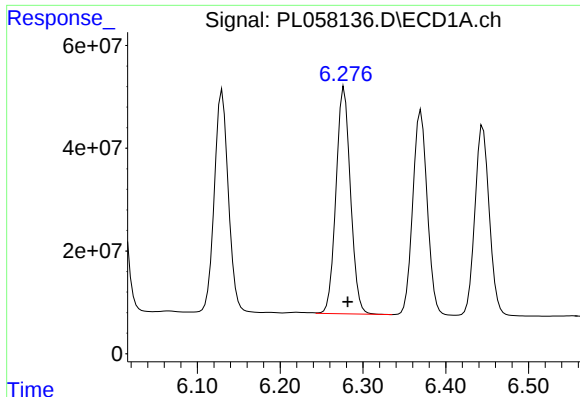
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.004 min  
Response: 579997093  
Conc: 49.69 ng/ml



#14 Endrin

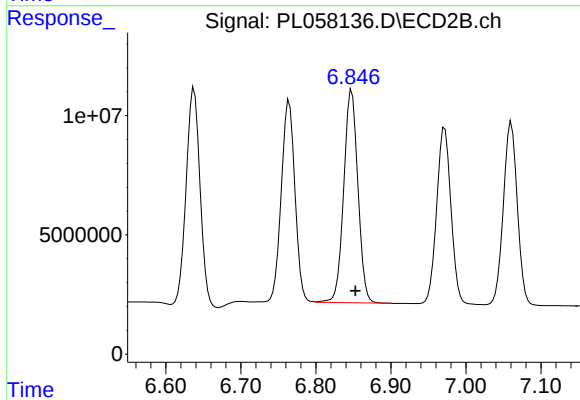
R.T.: 6.638 min  
Delta R.T.: -0.005 min  
Response: 117560208  
Conc: 47.05 ng/ml



#15 Endosulfan II

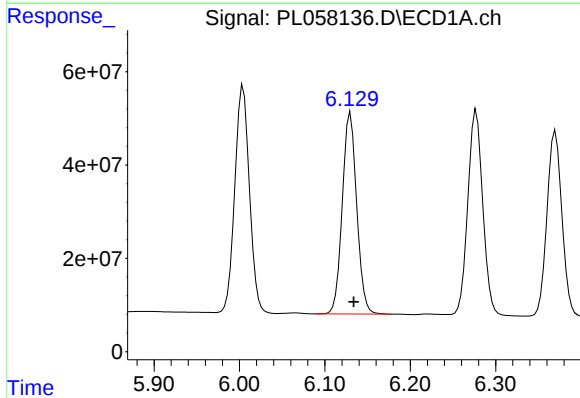
R.T.: 6.277 min  
Delta R.T.: -0.004 min  
Response: 535791950  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



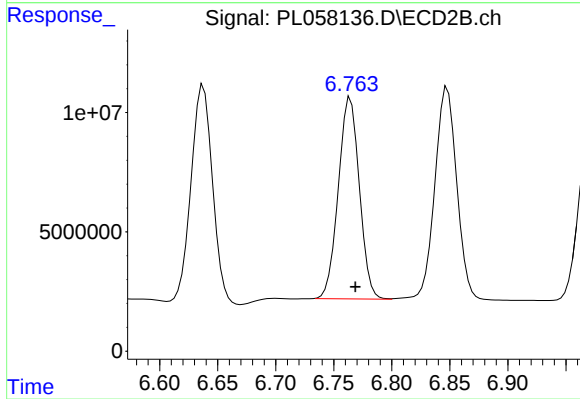
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.005 min  
Response: 117118211  
Conc: 45.16 ng/ml



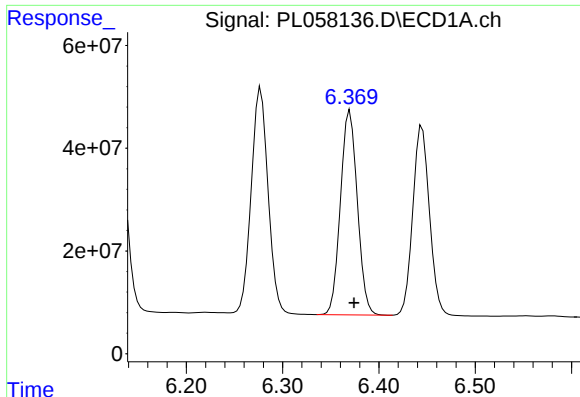
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 506740411  
Conc: 50.70 ng/ml



#16 4,4'-DDD

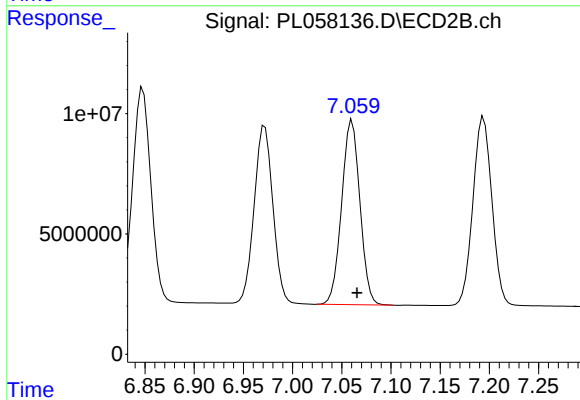
R.T.: 6.764 min  
Delta R.T.: -0.004 min  
Response: 106464224  
Conc: 46.65 ng/ml



#17 4,4'-DDT

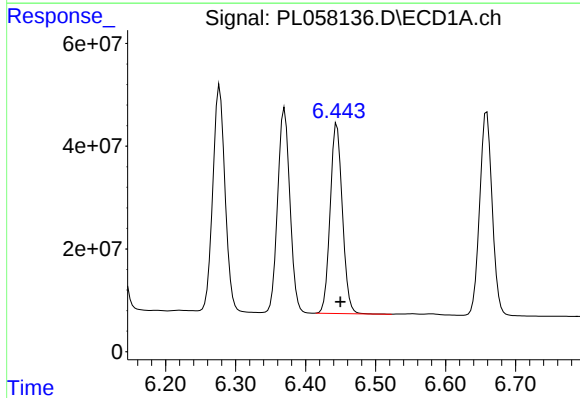
R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 484334812  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



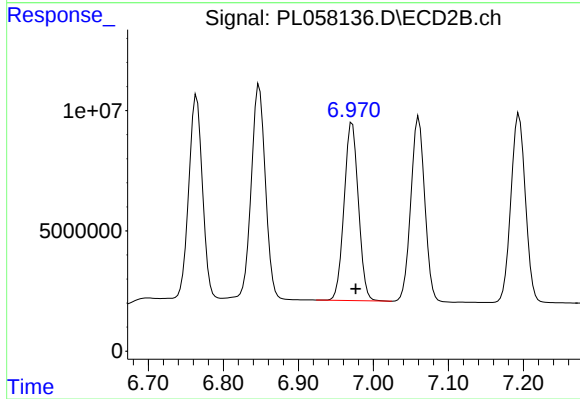
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: -0.005 min  
Response: 99102799  
Conc: 44.49 ng/ml



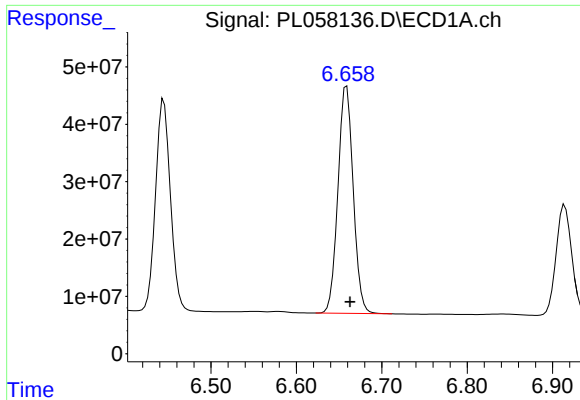
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.005 min  
Response: 448415912  
Conc: 47.96 ng/ml



#18 Endrin aldehyde

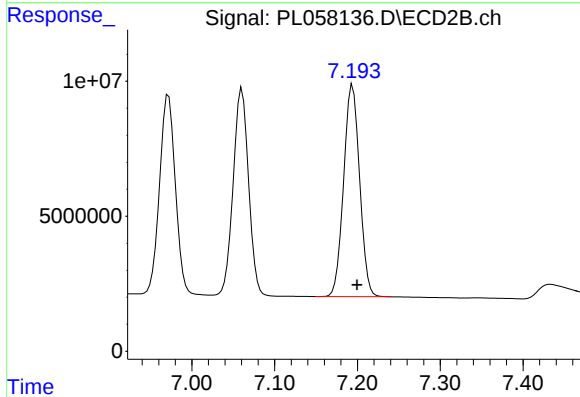
R.T.: 6.972 min  
Delta R.T.: -0.005 min  
Response: 98139644  
Conc: 44.17 ng/ml



#19 Endosulfan Sulfate

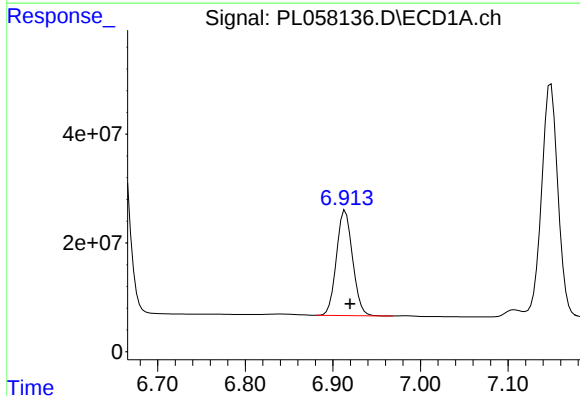
R.T.: 6.659 min  
Delta R.T.: -0.004 min  
Response: 491902099  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



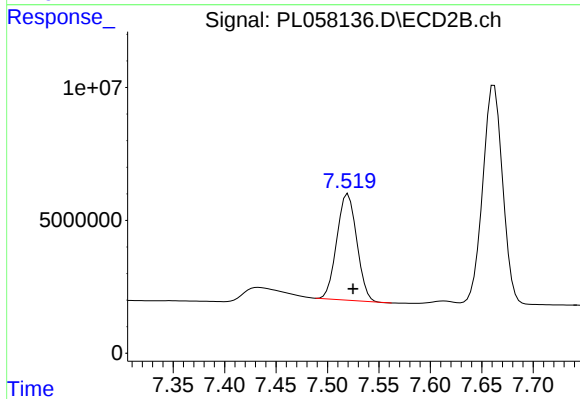
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: -0.005 min  
Response: 105268239  
Conc: 44.36 ng/ml



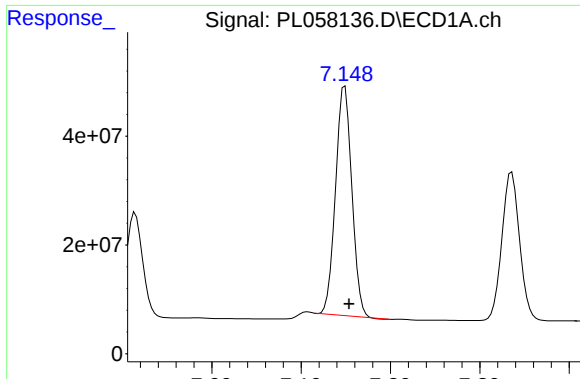
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: -0.005 min  
Response: 247872023  
Conc: 44.96 ng/ml



#20 Methoxychlor

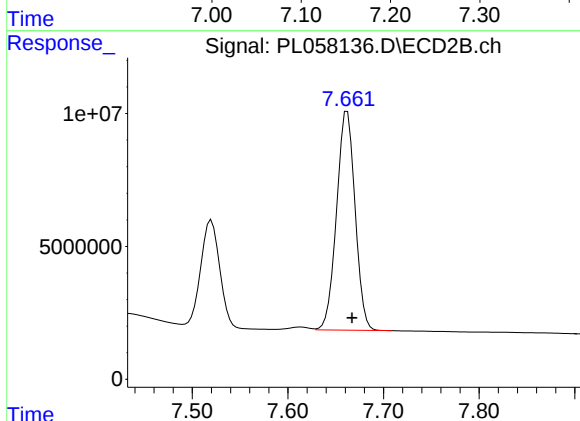
R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 53849009  
Conc: 42.33 ng/ml



#21 Endrin ketone

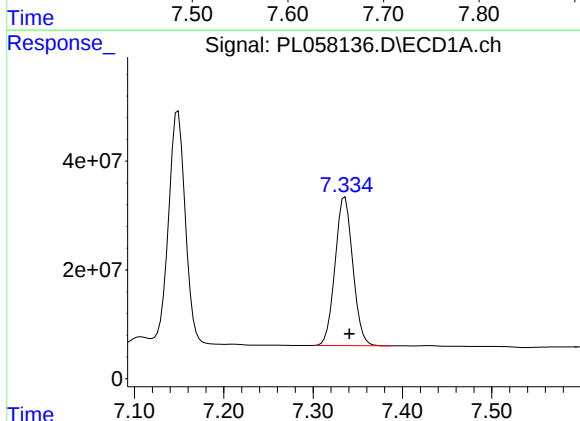
R.T.: 7.149 min  
Delta R.T.: -0.005 min  
Response: 532606983  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



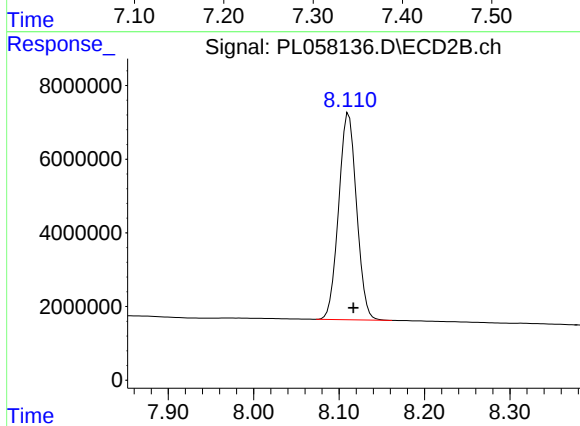
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 110984905  
Conc: 44.90 ng/ml



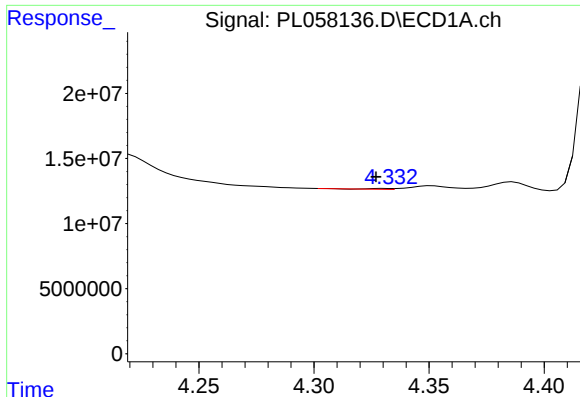
#22 Mirex

R.T.: 7.336 min  
Delta R.T.: -0.005 min  
Response: 376365425  
Conc: 45.91 ng/ml



#22 Mirex

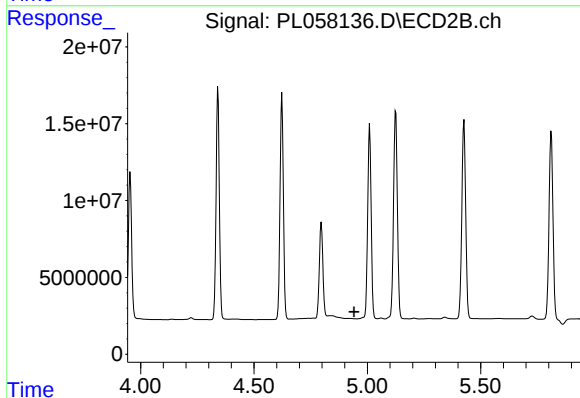
R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 81811803  
Conc: 44.50 ng/ml



#23 Chlordane-1

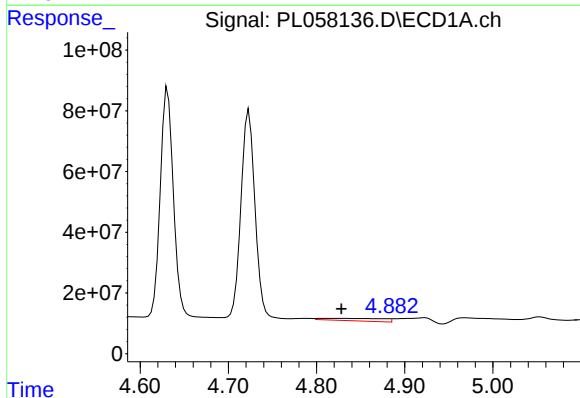
R.T.: 4.330 min  
Delta R.T.: 0.003 min  
Response: 456236  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



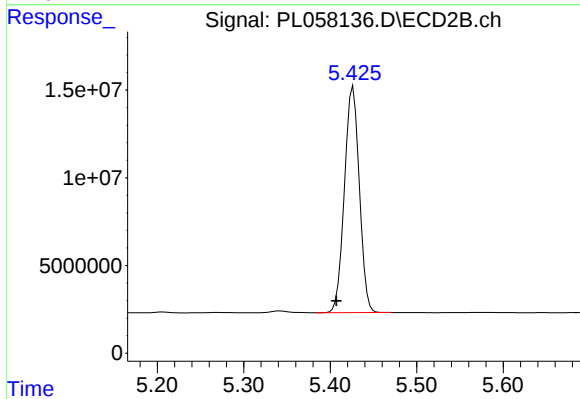
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



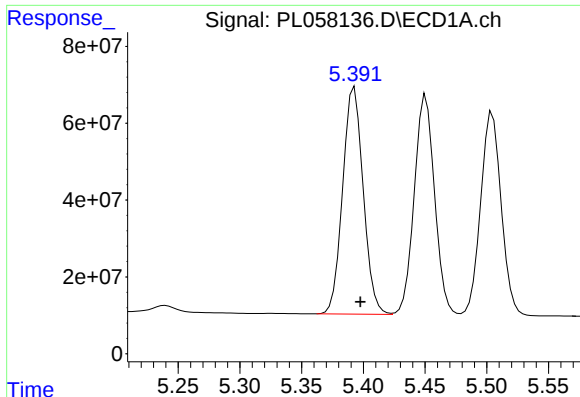
#24 Chlordane-2

R.T.: 4.826 min  
Delta R.T.: -0.003 min  
Response: 39771139  
Conc: 98.51 ng/ml



#24 Chlordane-2

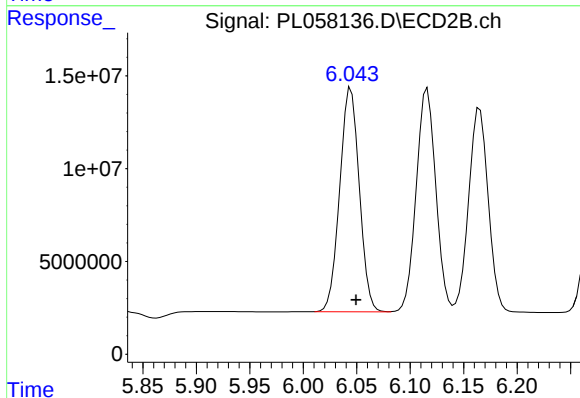
R.T.: 5.426 min  
Delta R.T.: 0.019 min  
Response: 153468869  
Conc: 1470.59 ng/ml



#25 Chlordane-3

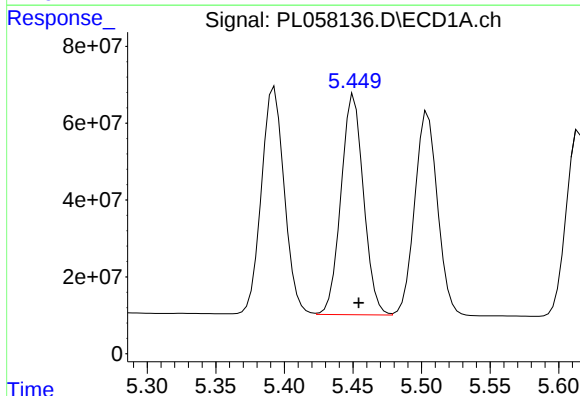
R.T.: 5.393 min  
Delta R.T.: -0.005 min  
Response: 684373724  
Conc: 559.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



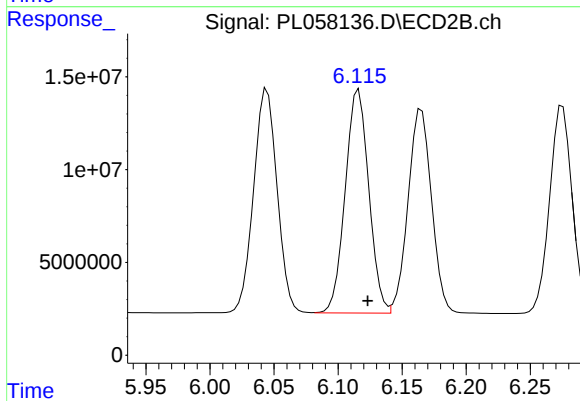
#25 Chlordane-3

R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 154011884  
Conc: 355.95 ng/ml



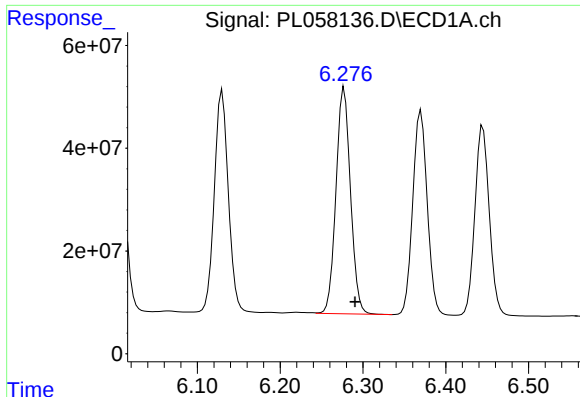
#26 Chlordane-4

R.T.: 5.451 min  
Delta R.T.: -0.004 min  
Response: 656228063  
Conc: 630.86 ng/ml



#26 Chlordane-4

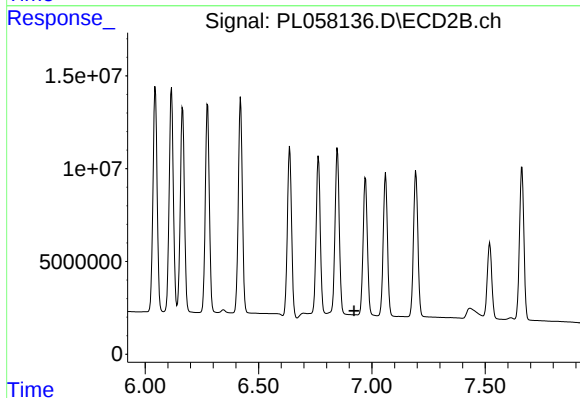
R.T.: 6.116 min  
Delta R.T.: -0.007 min  
Response: 154101217  
Conc: 293.56 ng/ml



#27 Chlordane-5

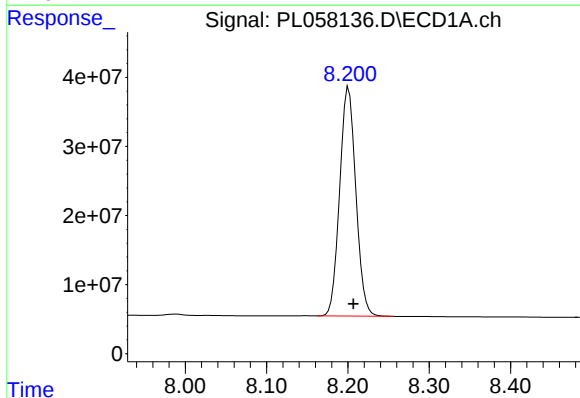
R.T.: 6.277 min  
Delta R.T.: -0.013 min  
Response: 535791950  
Conc: 1416.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



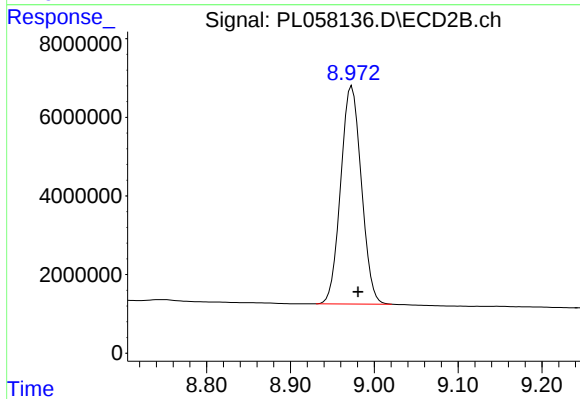
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.006 min  
Response: 457447266  
Conc: 44.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: -0.008 min  
Response: 95071621  
Conc: 42.56 ng/ml