

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043092.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2018 17:20  
 Operator : AJ\SJ  
 Sample : J6357-02MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-01AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 00:26:13 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1    | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|-----------|----------|----------|------------|
| -----                       |                 |        |       |           |          |          |            |
| System Monitoring Compounds |                 |        |       |           |          |          |            |
| 1)                          | SA Tetrachlo... | 3.464  | 4.097 | 125.8E6   | 68042306 | 20.509   | 22.957     |
| 28)                         | SA Decachlor... | 8.198  | 9.225 | 115.5E6   | 46030214 | 17.693   | 17.646     |
| Target Compounds            |                 |        |       |           |          |          |            |
| 2)                          | A alpha-BHC     | 3.903  | 4.493 | 486.0E6   | 235.0E6  | 51.405   | 51.952     |
| 3)                          | MA gamma-BHC... | 4.186  | 4.782 | 449.0E6   | 222.9E6  | 52.003   | 53.135     |
| 4)                          | MA Heptachlor   | 4.481  | 5.297 | 460.0E6   | 214.8E6  | 51.847   | 52.447     |
| 5)                          | MB Aldrin       | 4.727  | 5.606 | 432.0E6   | 212.8E6  | 50.950   | 52.125     |
| 6)                          | B beta-BHC      | 4.440  | 4.951 | 185.4E6   | 83975020 | 50.257   | 49.603     |
| 7)                          | B delta-BHC     | 4.641  | 5.172 | 370.6E6   | 204.8E6  | 45.757   | 47.653     |
| 8)                          | B Heptachlo...  | 5.170  | 5.994 | 394.8E6   | 203.1E6  | 49.806   | 53.550     |
| 9)                          | A Endosulfan I  | 5.507  | 6.353 | 340.0E6   | 170.5E6  | 46.405   | 50.204     |
| 10)                         | B gamma-Chl...  | 5.395  | 6.229 | 391.2E6   | 190.3E6  | 48.522   | 51.810     |
| 11)                         | B alpha-Chl...  | 5.453  | 6.302 | 381.7E6   | 182.3E6  | 48.081   | 50.683     |
| 12)                         | B 4,4'-DDE      | 5.619  | 6.456 | 352.7E6   | 184.5E6  | 50.951   | 50.918     |
| 13)                         | MA Dieldrin     | 5.750  | 6.611 | 464.5E6   | 229.7E6  | 59.739   | 63.344     |
| 14)                         | MA Endrin       | 6.005  | 6.831 | 362.6E6   | 161.2E6  | 50.358   | 51.621     |
| 15)                         | B Endosulfa...  | 6.280  | 7.039 | 319.8E6   | 147.1E6  | 48.069   | 48.569     |
| 16)                         | A 4,4'-DDD      | 6.134  | 6.951 | 284.2E6   | 270.9E6  | 50.107   | 92.363 #   |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.248 | 431.6E6   | 51184652 | 72.547   | 17.427 #   |
| 18)                         | B Endrin al...  | 6.450  | 7.164 | 197.7E6   | 138.2E6  | 35.874   | 55.105 #   |
| 19)                         | B Endosulfa...  | 6.658  | 7.387 | 495.1E6   | 92796044 | 73.908   | 30.864 #   |
| 20)                         | A Methoxychlor  | 6.956f | 7.704 | -76392121 | 69146187 | N.D.     | 45.843     |
| 21)                         | B Endrin ke...  | 7.150  | 7.861 | 427.9E6   | 57611399 | 59.177   | 18.848 #   |
| 23)                         | Chlordane-1     | 4.337  | 5.172 | 4600970   | 204.8E6  | 17.123   | 1448.991 # |
| 24)                         | Chlordane-2     | 0.000  | 5.606 | 0         | 212.8E6  | N.D.     | 1483.339 # |
| 25)                         | Chlordane-3     | 5.395  | 6.229 | 391.2E6   | 190.3E6  | 470.708  | 387.576    |
| 26)                         | Chlordane-4     | 5.453  | 6.302 | 381.7E6   | 182.3E6  | 504.858  | 319.366 #  |
| 27)                         | Chlordane-5     | 6.280  | 7.164 | 319.8E6   | 138.2E6  | 1333.129 | 1178.948   |
| -----                       |                 |        |       |           |          |          |            |

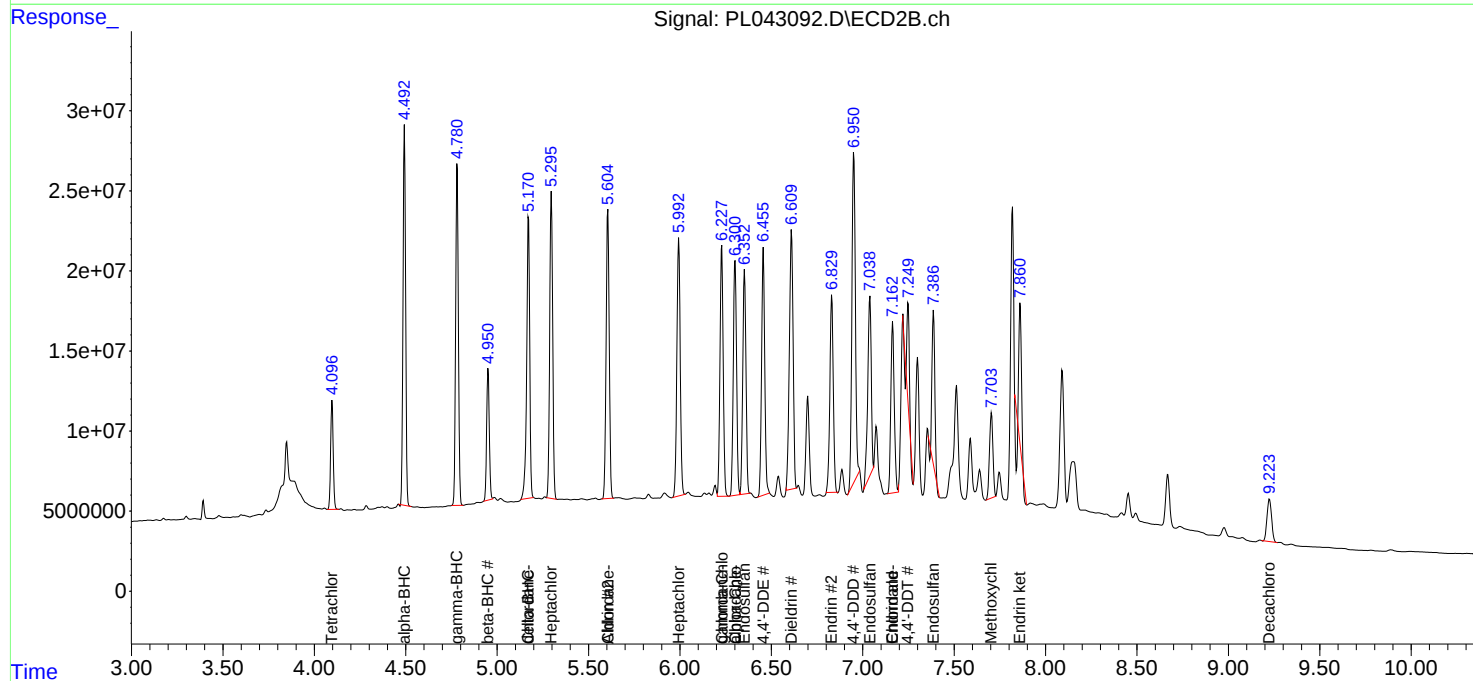
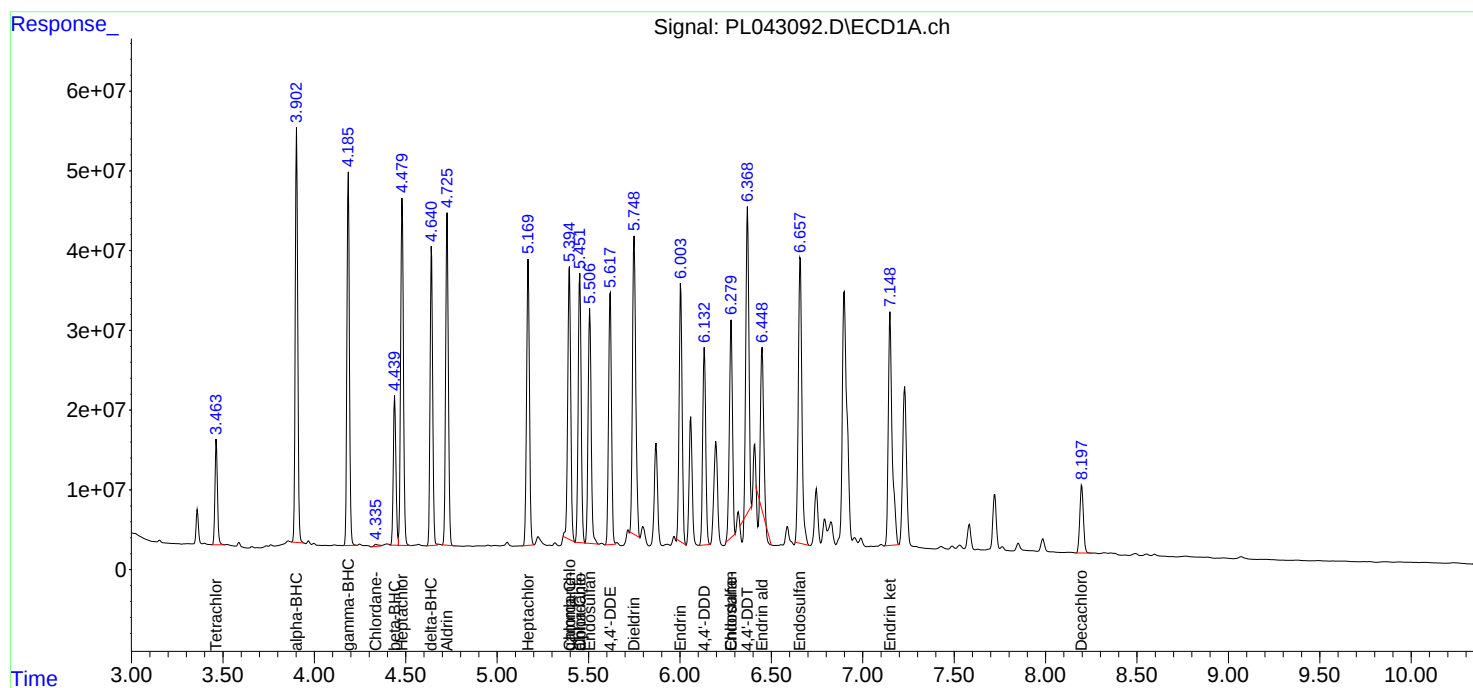
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

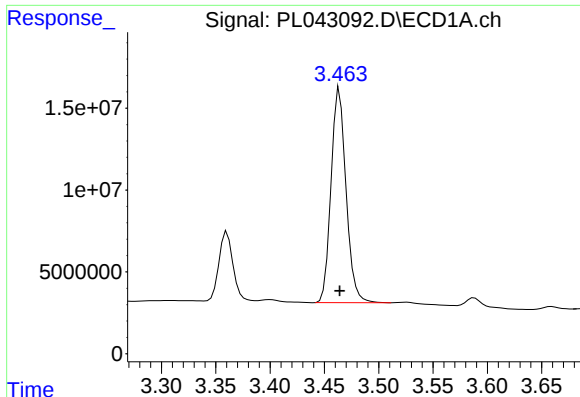
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
Data File : PL043092.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2018 17:20  
Operator : AJ\SJ  
Sample : J6357-02MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 00:26:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

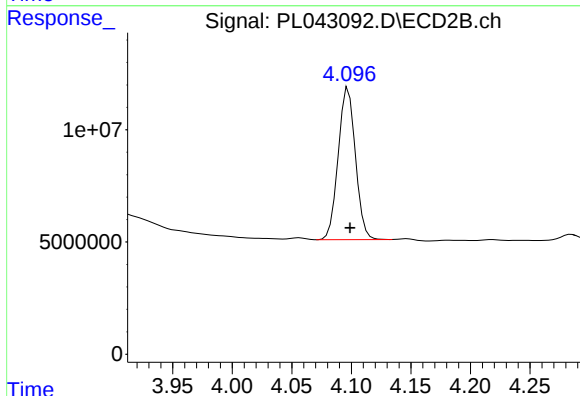




#1 Tetrachloro-m-xylene

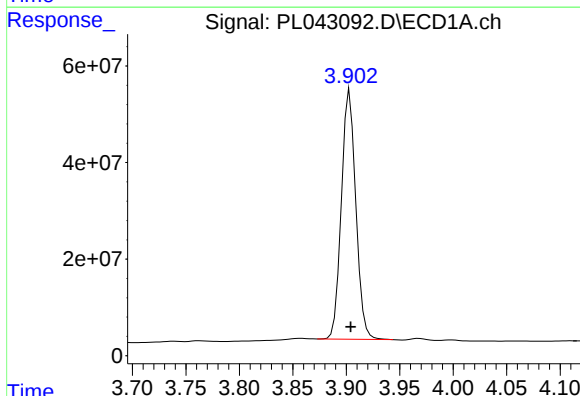
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 125782250  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



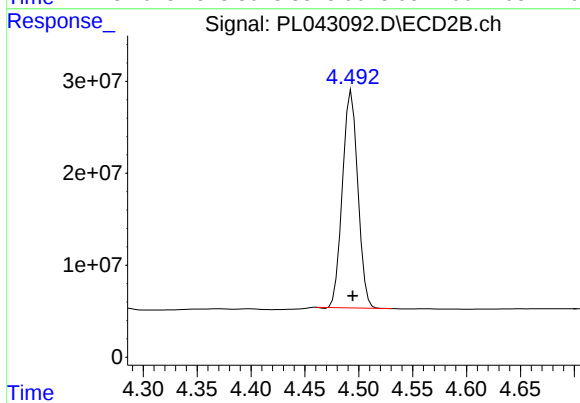
#1 Tetrachloro-m-xylene

R.T.: 4.097 min  
Delta R.T.: -0.002 min  
Response: 68042306  
Conc: 22.96 ng/ml



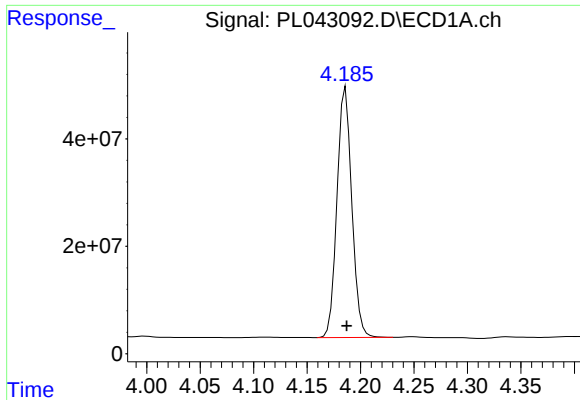
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 485954584  
Conc: 51.41 ng/ml



#2 alpha-BHC

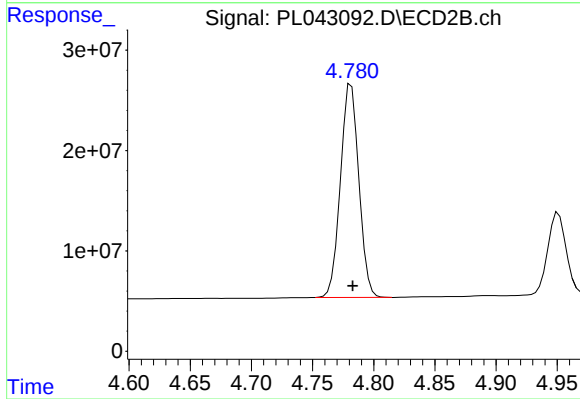
R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 235002728  
Conc: 51.95 ng/ml



#3 gamma-BHC (Lindane)

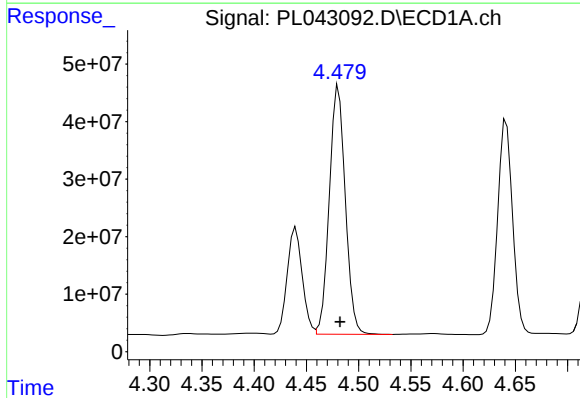
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 449018495  
Conc: 52.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



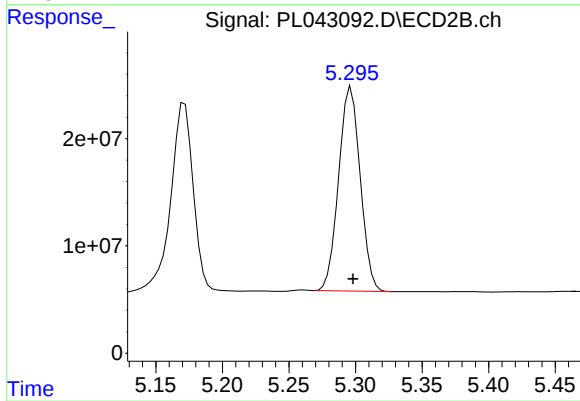
#3 gamma-BHC (Lindane)

R.T.: 4.782 min  
Delta R.T.: -0.001 min  
Response: 222859509  
Conc: 53.14 ng/ml



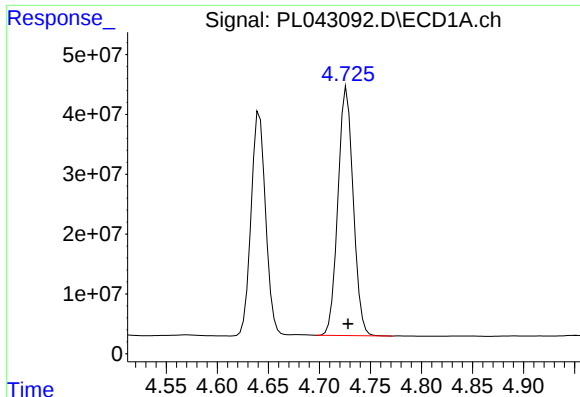
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.001 min  
Response: 460017645  
Conc: 51.85 ng/ml



#4 Heptachlor

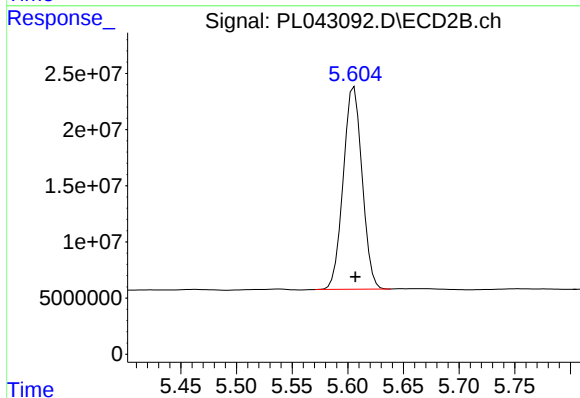
R.T.: 5.297 min  
Delta R.T.: -0.001 min  
Response: 214842169  
Conc: 52.45 ng/ml



#5 Aldrin

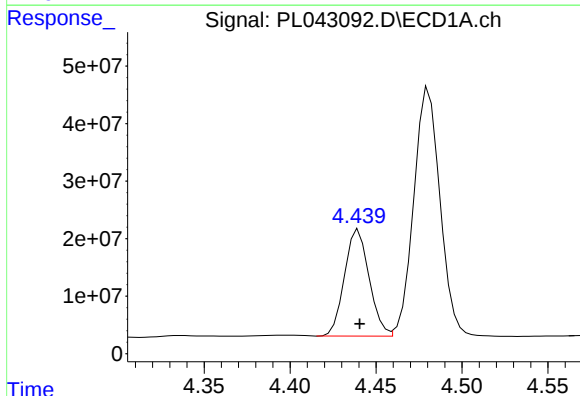
R.T.: 4.727 min  
Delta R.T.: -0.001 min  
Response: 431985138  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



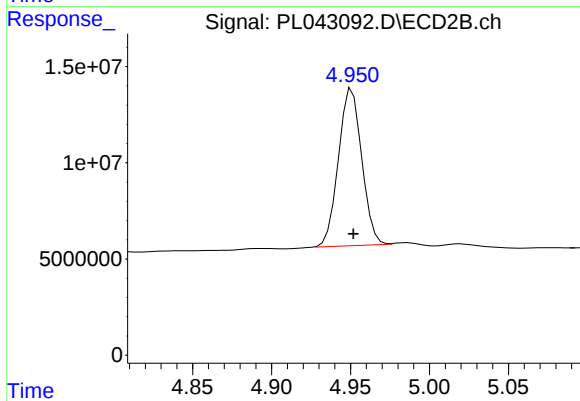
#5 Aldrin

R.T.: 5.606 min  
Delta R.T.: -0.001 min  
Response: 212772930  
Conc: 52.12 ng/ml



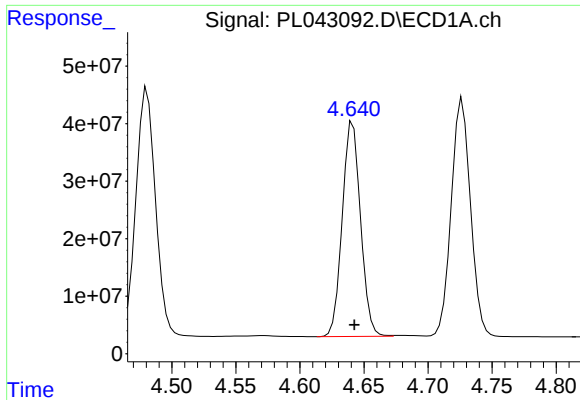
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 185373224  
Conc: 50.26 ng/ml



#6 beta-BHC

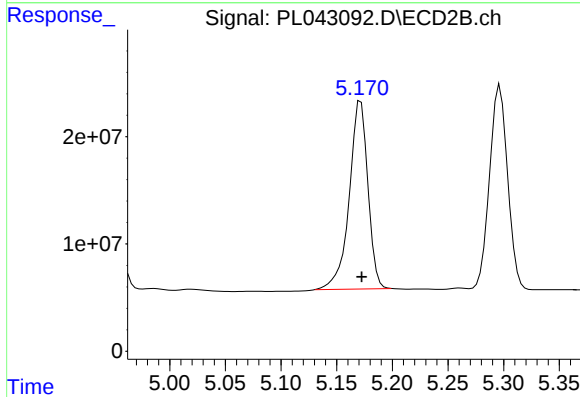
R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 83975020  
Conc: 49.60 ng/ml



#7 delta-BHC

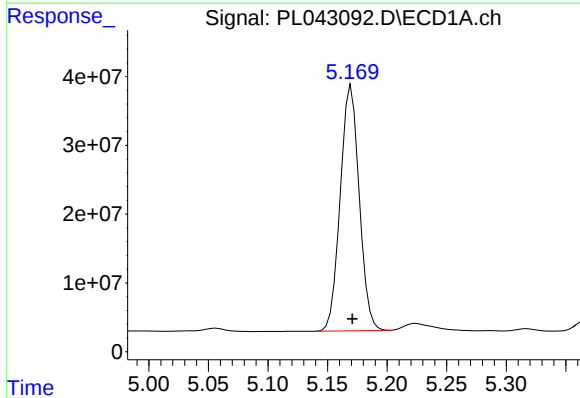
R.T.: 4.641 min  
Delta R.T.: -0.001 min  
Response: 370552658  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



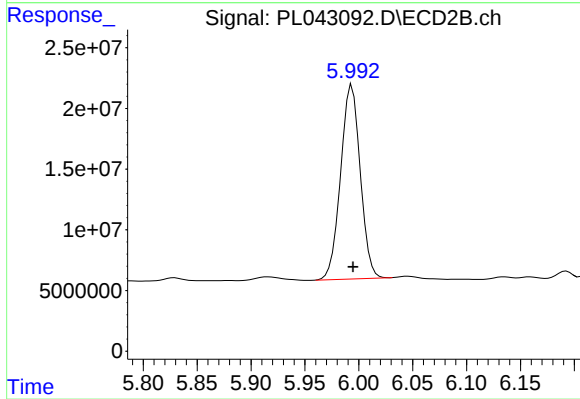
#7 delta-BHC

R.T.: 5.172 min  
Delta R.T.: -0.001 min  
Response: 204790260  
Conc: 47.65 ng/ml



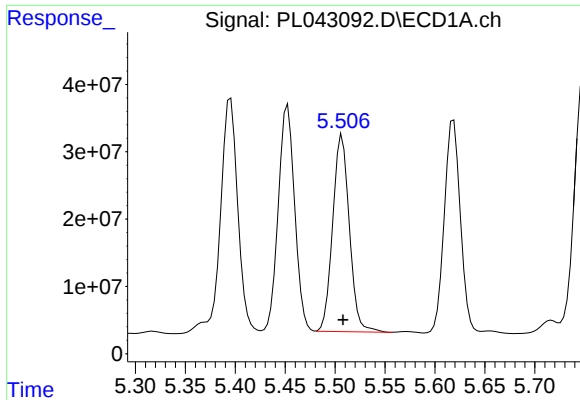
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 394808529  
Conc: 49.81 ng/ml



#8 Heptachlor epoxide

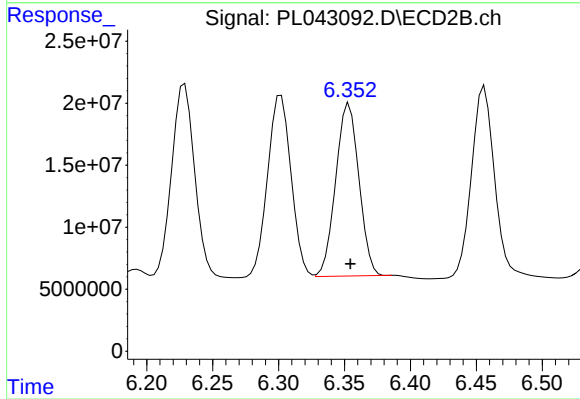
R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 203062005  
Conc: 53.55 ng/ml



#9 Endosulfan I

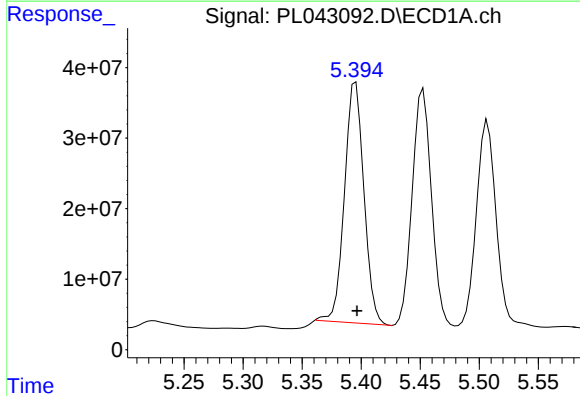
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 339953681  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



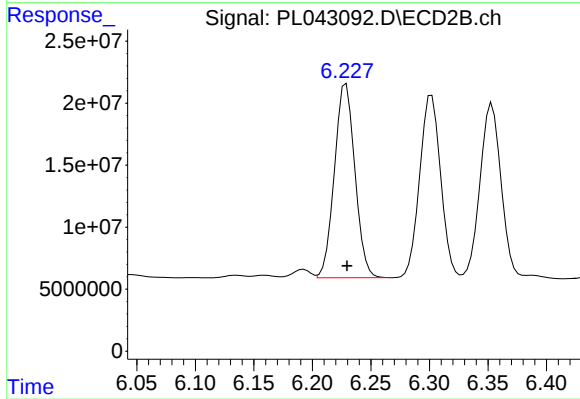
#9 Endosulfan I

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 170459371  
Conc: 50.20 ng/ml



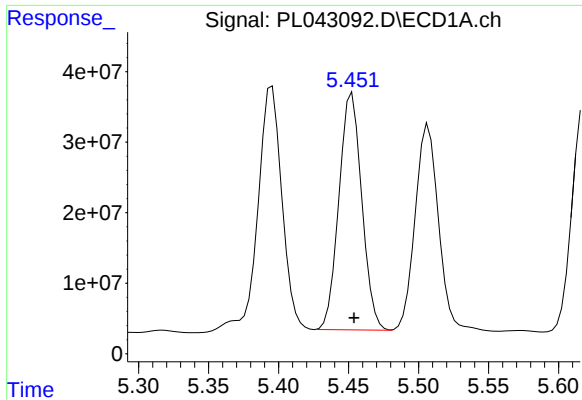
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: -0.001 min  
Response: 391178011  
Conc: 48.52 ng/ml



#10 gamma-Chlordane

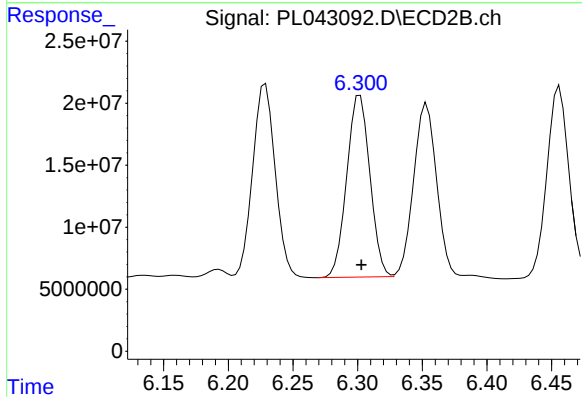
R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 190328553  
Conc: 51.81 ng/ml



#11 alpha-Chlordane

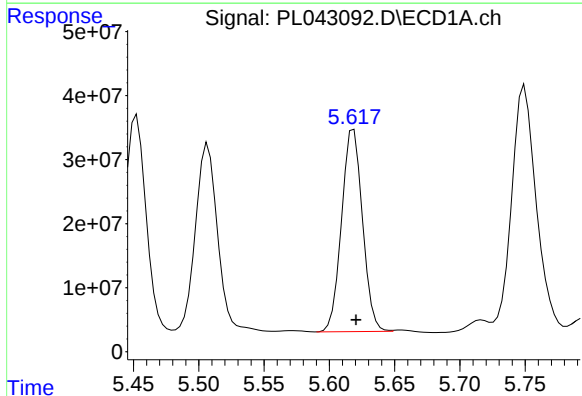
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 381722313  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



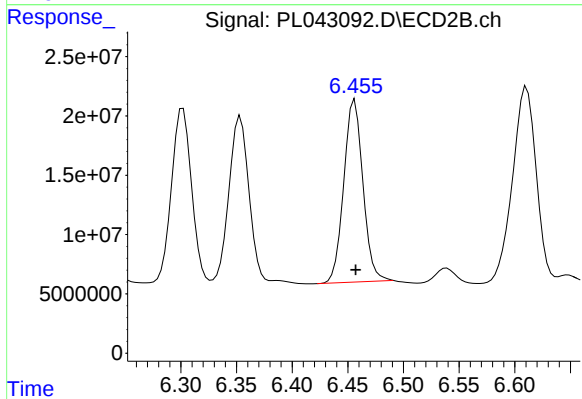
#11 alpha-Chlordane

R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 182277824  
Conc: 50.68 ng/ml



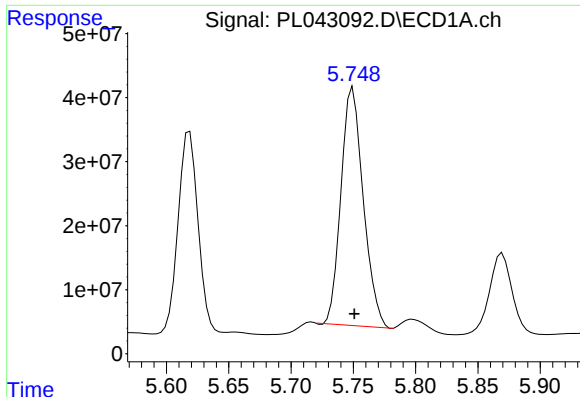
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: -0.002 min  
Response: 352732530  
Conc: 50.95 ng/ml



#12 4,4'-DDE

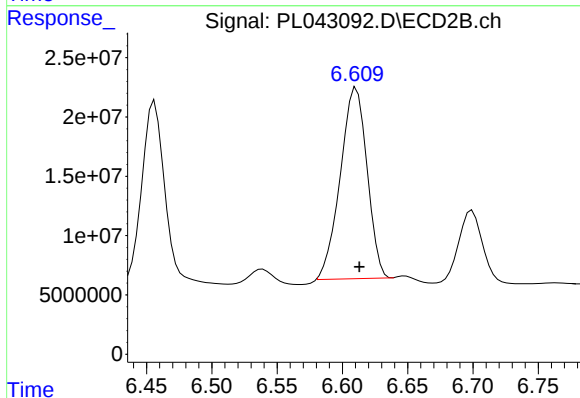
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 184513263  
Conc: 50.92 ng/ml



#13 Dieldrin

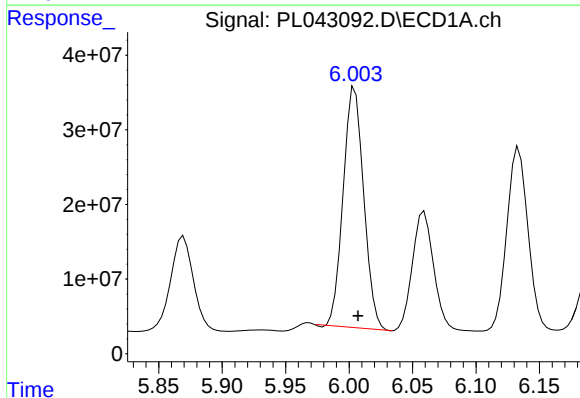
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 464460539  
Conc: 59.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



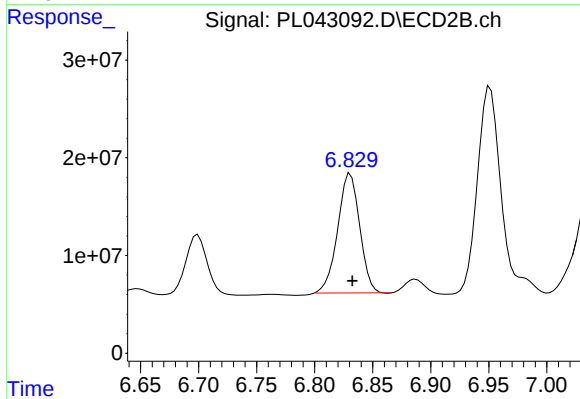
#13 Dieldrin

R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 229664090  
Conc: 63.34 ng/ml



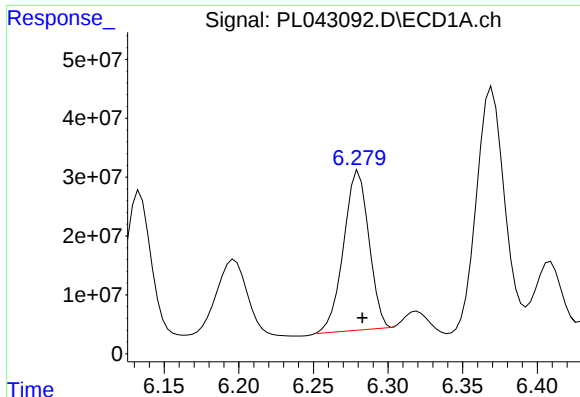
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 362600456  
Conc: 50.36 ng/ml



#14 Endrin

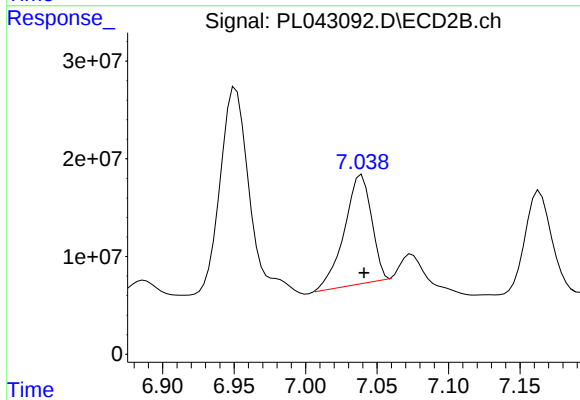
R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 161159479  
Conc: 51.62 ng/ml



#15 Endosulfan II

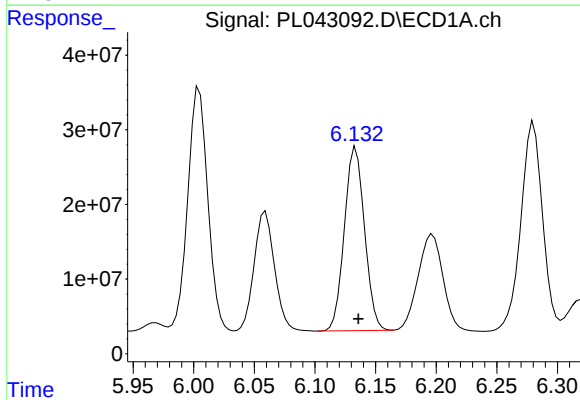
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 319757637  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



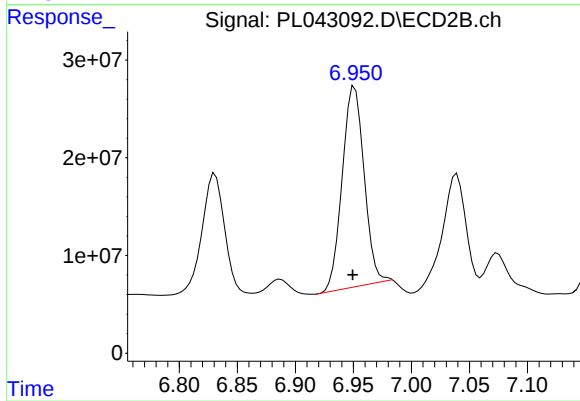
#15 Endosulfan II

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 147062763  
Conc: 48.57 ng/ml



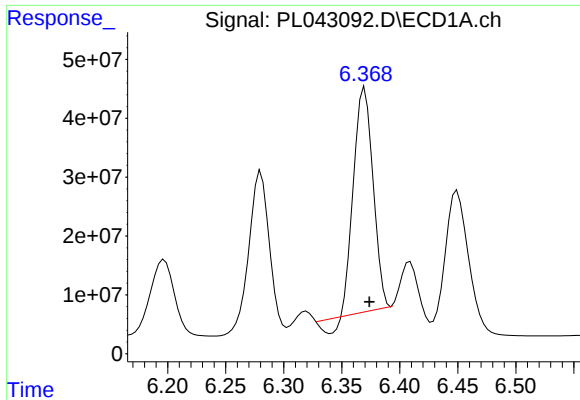
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 284157999  
Conc: 50.11 ng/ml



#16 4,4'-DDD

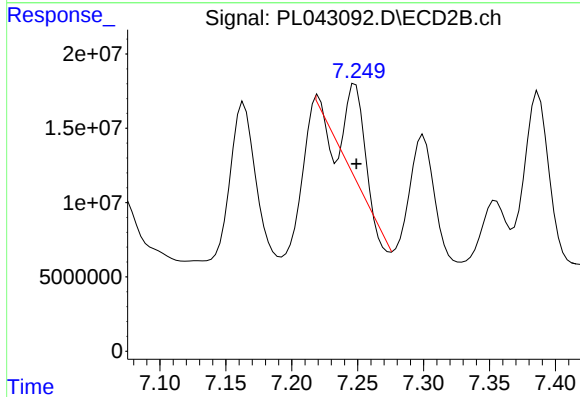
R.T.: 6.951 min  
Delta R.T.: 0.002 min  
Response: 270861974  
Conc: 92.36 ng/ml



#17 4,4'-DDT

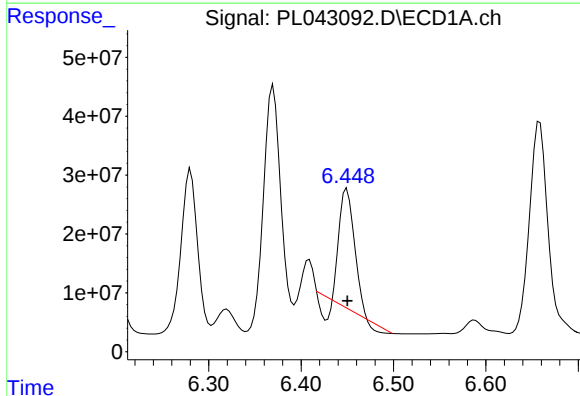
R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 431577059  
Conc: 72.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



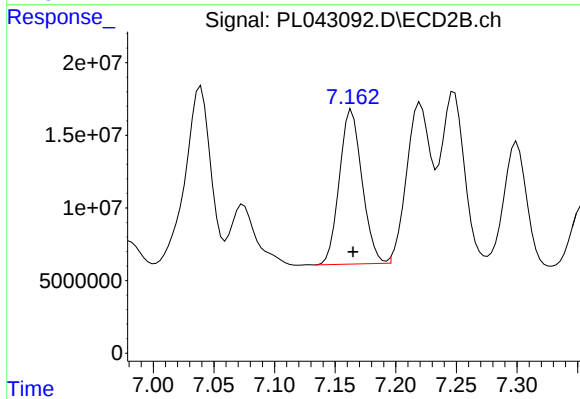
#17 4,4'-DDT

R.T.: 7.248 min  
Delta R.T.: 0.000 min  
Response: 51184652  
Conc: 17.43 ng/ml



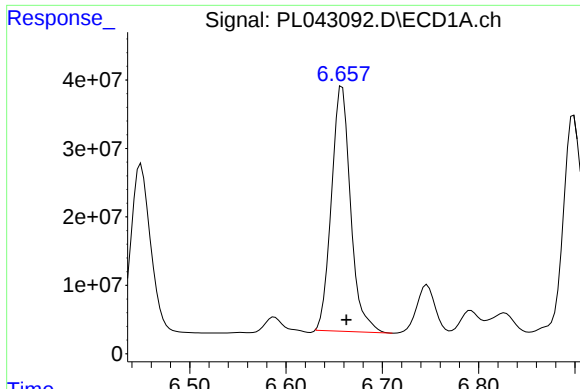
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 197689148  
Conc: 35.87 ng/ml



#18 Endrin aldehyde

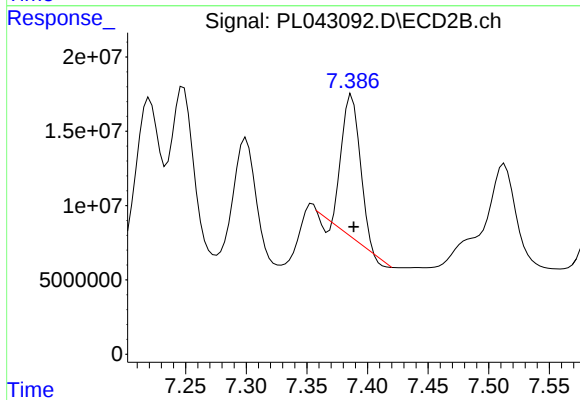
R.T.: 7.164 min  
Delta R.T.: -0.001 min  
Response: 138218723  
Conc: 55.10 ng/ml



#19 Endosulfan Sulfate

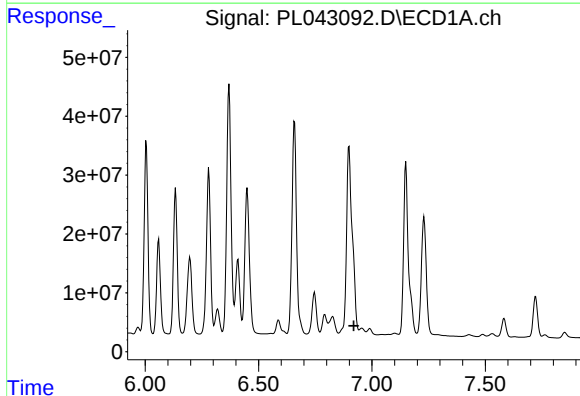
R.T.: 6.658 min  
Delta R.T.: -0.004 min  
Response: 495097225  
Conc: 73.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



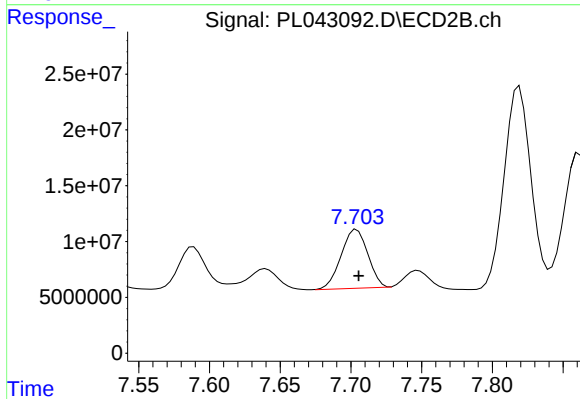
#19 Endosulfan Sulfate

R.T.: 7.387 min  
Delta R.T.: -0.001 min  
Response: 92796044  
Conc: 30.86 ng/ml



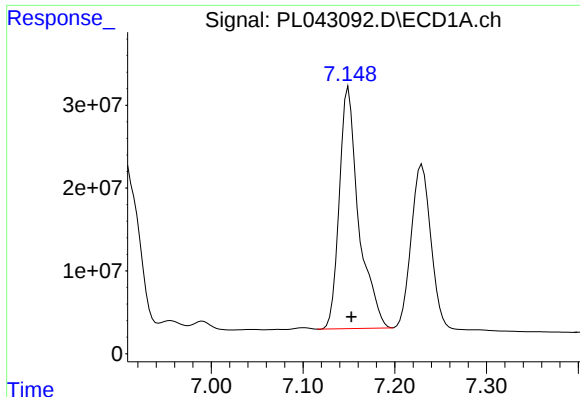
#20 Methoxychlor

R.T.: 6.956 min  
Delta R.T.: 0.036 min  
Response: -76392121  
Conc: N.D.



#20 Methoxychlor

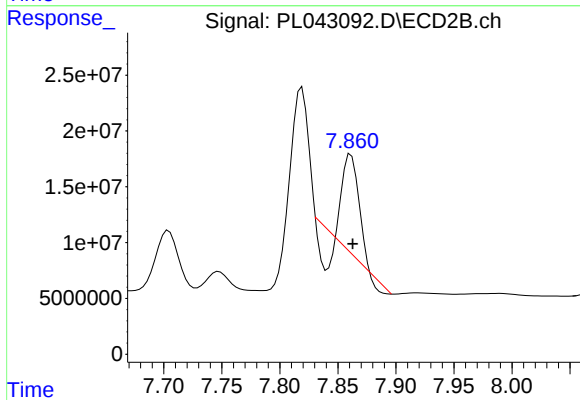
R.T.: 7.704 min  
Delta R.T.: -0.001 min  
Response: 69146187  
Conc: 45.84 ng/ml



#21 Endrin ketone

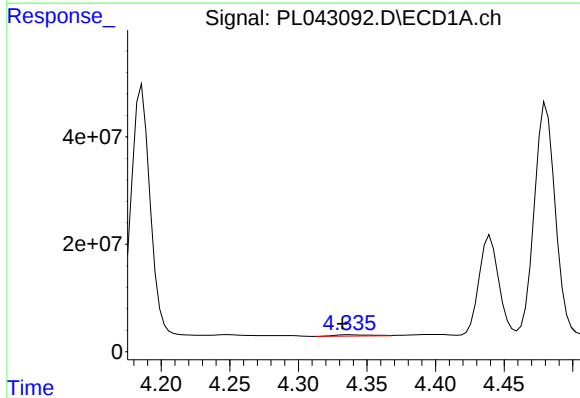
R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 427891595  
Conc: 59.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



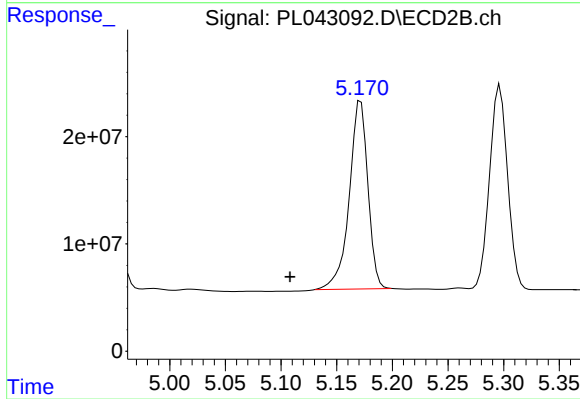
#21 Endrin ketone

R.T.: 7.861 min  
Delta R.T.: -0.002 min  
Response: 57611399  
Conc: 18.85 ng/ml



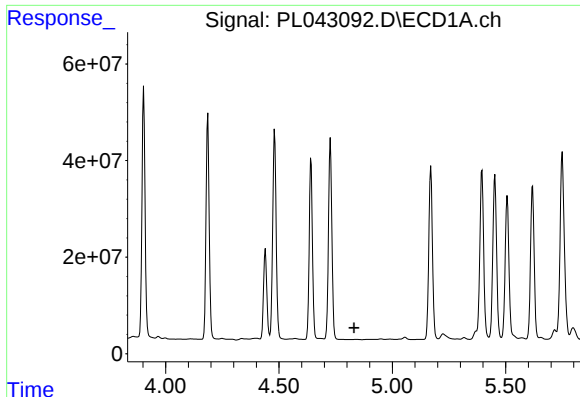
#23 Chlordane-1

R.T.: 4.337 min  
Delta R.T.: 0.005 min  
Response: 4600970  
Conc: 17.12 ng/ml



#23 Chlordane-1

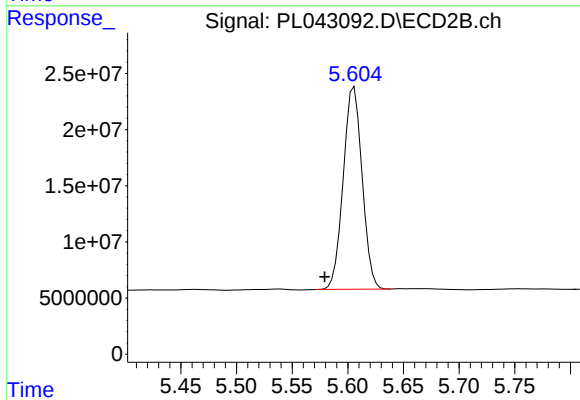
R.T.: 5.172 min  
Delta R.T.: 0.064 min  
Response: 204790260  
Conc: 1448.99 ng/ml



#24 Chlordane-2

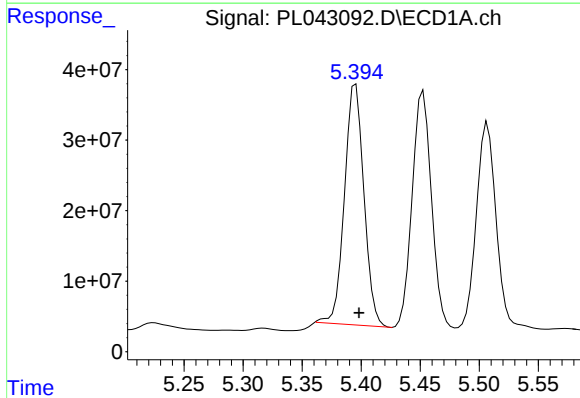
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



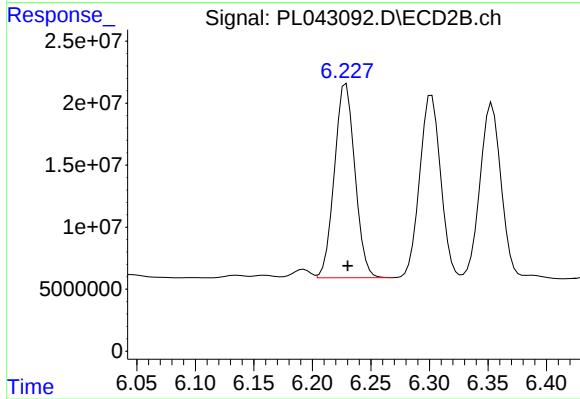
#24 Chlordane-2

R.T.: 5.606 min  
Delta R.T.: 0.027 min  
Response: 212772930  
Conc: 1483.34 ng/ml



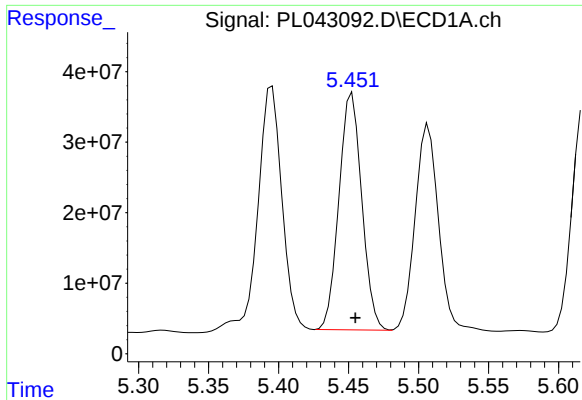
#25 Chlordane-3

R.T.: 5.395 min  
Delta R.T.: -0.003 min  
Response: 391178011  
Conc: 470.71 ng/ml



#25 Chlordane-3

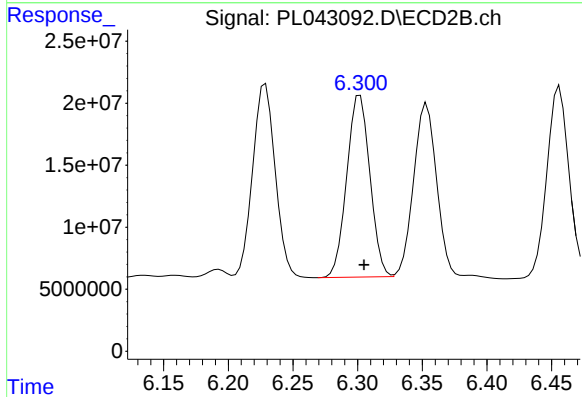
R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 190328553  
Conc: 387.58 ng/ml



#26 Chlordane-4

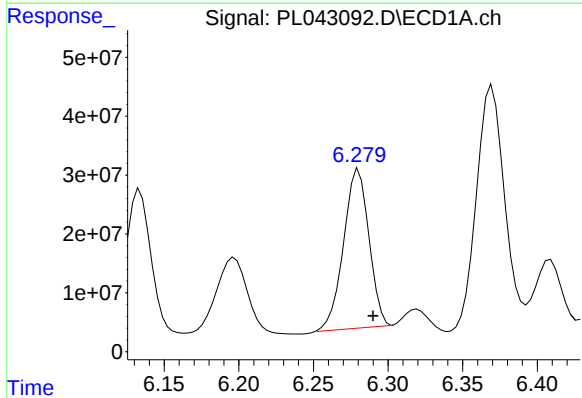
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 381722313  
Conc: 504.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



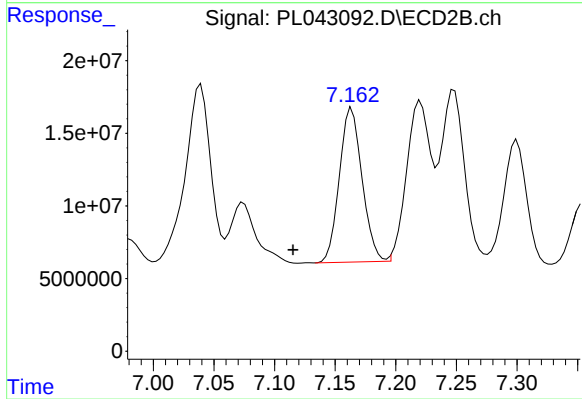
#26 Chlordane-4

R.T.: 6.302 min  
Delta R.T.: -0.003 min  
Response: 182277824  
Conc: 319.37 ng/ml



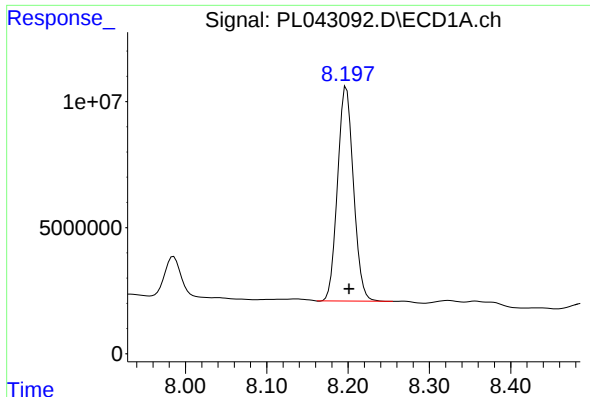
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 319757637  
Conc: 1333.13 ng/ml



#27 Chlordane-5

R.T.: 7.164 min  
Delta R.T.: 0.048 min  
Response: 138218723  
Conc: 1178.95 ng/ml



#28 Decachlorobiphenyl

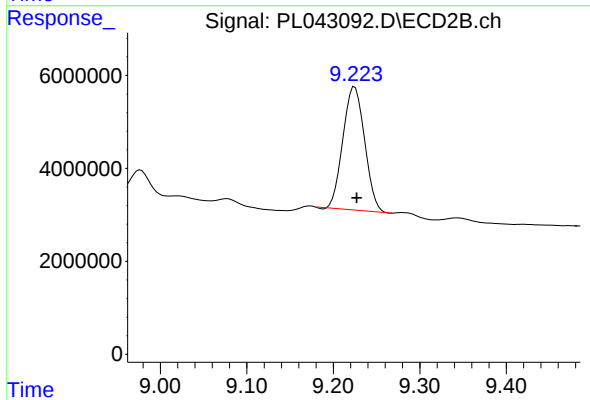
R.T.: 8.198 min

Delta R.T.: -0.003 min

Response: 115535980

Conc: 17.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-01AMS



#28 Decachlorobiphenyl

R.T.: 9.225 min

Delta R.T.: -0.002 min

Response: 46030214

Conc: 17.65 ng/ml