

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121218\  
 Data File : PL043010.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2018 13:07  
 Operator : AJ\SJ  
 Sample : J6195-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-01-120518-AMSD

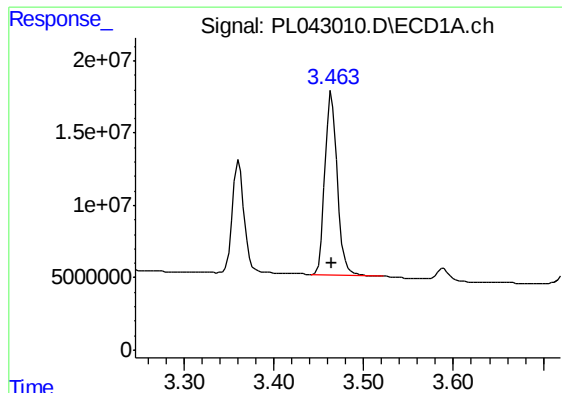
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 02:42:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: 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 | 4.099 | 121.4E6 | 66894977 | 19.801   | 22.570     |
| 28)                         | SA Decachlor... | 8.201 | 9.228 | 127.5E6 | 52809254 | 19.523   | 20.245     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.904 | 4.494 | 568.8E6 | 272.2E6  | 60.174   | 60.171     |
| 3)                          | MA gamma-BHC... | 4.187 | 4.783 | 529.4E6 | 256.4E6  | 61.311   | 61.121     |
| 4)                          | MA Heptachlor   | 4.482 | 5.298 | 535.7E6 | 248.5E6  | 60.376   | 60.656     |
| 5)                          | MB Aldrin       | 4.728 | 5.607 | 492.8E6 | 239.7E6  | 58.121   | 58.711     |
| 6)                          | B beta-BHC      | 4.441 | 4.952 | 216.9E6 | 105.9E6  | 58.792   | 62.541     |
| 7)                          | B delta-BHC     | 4.643 | 5.173 | 410.9E6 | 215.1E6  | 50.738   | 50.063     |
| 8)                          | B Heptachlor... | 5.171 | 5.995 | 478.9E6 | 228.9E6  | 60.409   | 60.356     |
| 9)                          | A Endosulfan I  | 5.508 | 6.355 | 433.4E6 | 205.7E6  | 59.163   | 60.596     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.230 | 474.3E6 | 219.5E6  | 58.831   | 59.757     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.303 | 459.4E6 | 213.8E6  | 57.860   | 59.461     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.457 | 414.8E6 | 214.1E6  | 59.909   | 59.094     |
| 13)                         | MA Dieldrin     | 5.751 | 6.613 | 468.0E6 | 220.5E6  | 60.192   | 60.817     |
| 14)                         | MA Endrin       | 6.007 | 6.833 | 414.7E6 | 182.2E6  | 57.594   | 58.366     |
| 15)                         | B Endosulfa...  | 6.282 | 7.041 | 396.2E6 | 183.5E6  | 59.555   | 60.591     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.950 | 349.0E6 | 177.1E6  | 61.538   | 60.390     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.250 | 358.4E6 | 169.1E6  | 60.240   | 57.568     |
| 18)                         | B Endrin al...  | 6.450 | 7.166 | 322.6E6 | 149.5E6  | 58.544   | 59.590     |
| 19)                         | B Endosulfa...  | 6.663 | 7.389 | 374.5E6 | 171.7E6  | 55.899   | 57.124     |
| 20)                         | A Methoxychlor  | 6.920 | 7.706 | 191.4E6 | 85193102 | 57.044   | 56.482     |
| 21)                         | B Endrin ke...  | 7.152 | 7.863 | 429.3E6 | 180.2E6  | 59.376   | 58.959     |
| 23)                         | Chlordane-1     | 4.337 | 5.173 | 1443793 | 215.1E6  | 5.373    | 1522.291 # |
| 24)                         | Chlordane-2     | 0.000 | 5.607 | 0       | 239.7E6  | N.D.     | 1670.775 # |
| 25)                         | Chlordane-3     | 5.396 | 6.230 | 474.3E6 | 219.5E6  | 570.709  | 447.022    |
| 26)                         | Chlordane-4     | 5.454 | 6.303 | 459.4E6 | 213.8E6  | 607.544  | 374.681 #  |
| 27)                         | Chlordane-5     | 6.282 | 7.166 | 396.2E6 | 149.5E6  | 1651.678 | 1274.895   |
| -----                       |                 |       |       |         |          |          |            |

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

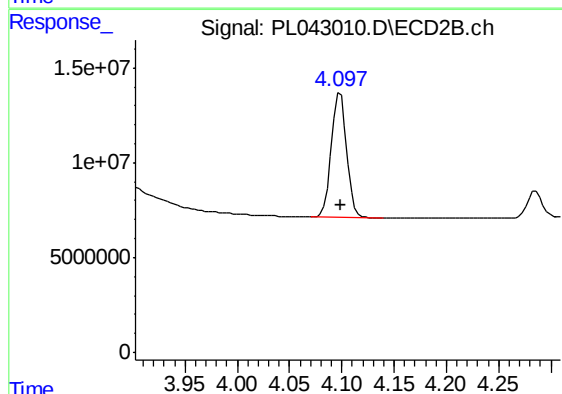




#1 Tetrachloro-m-xylene

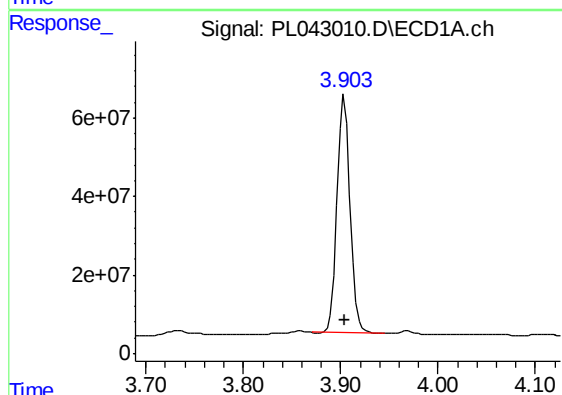
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 121435099  
Conc: 19.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



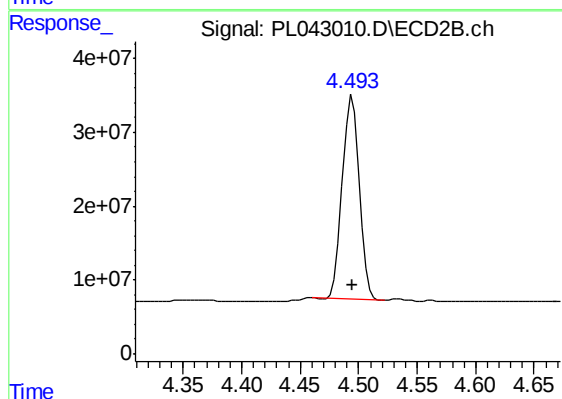
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 66894977  
Conc: 22.57 ng/ml



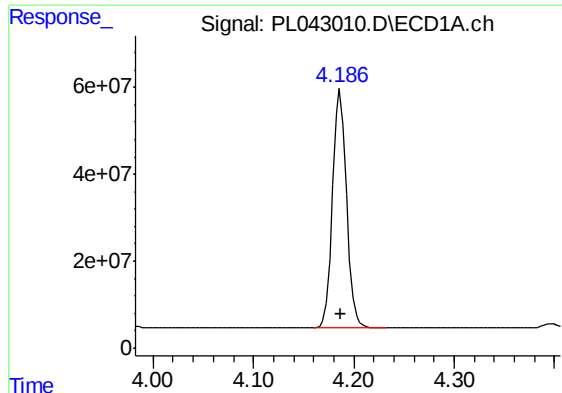
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 568845138  
Conc: 60.17 ng/ml



#2 alpha-BHC

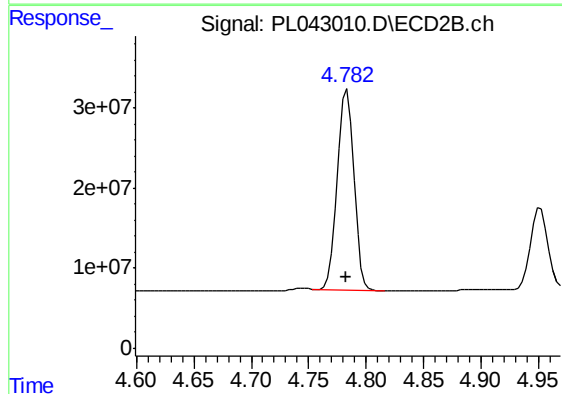
R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 272179560  
Conc: 60.17 ng/ml



#3 gamma-BHC (Lindane)

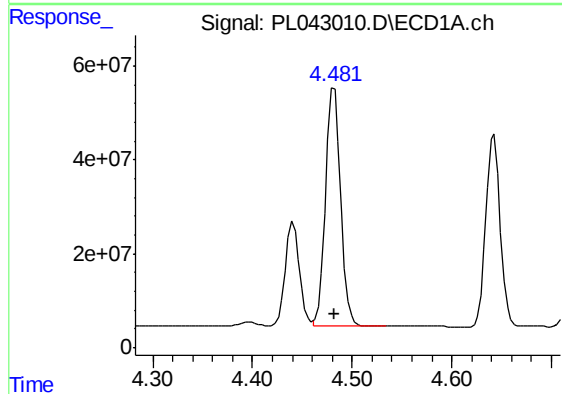
R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 529390899  
Conc: 61.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



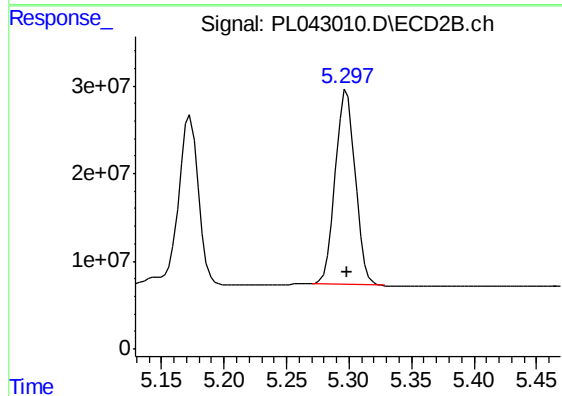
#3 gamma-BHC (Lindane)

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 256352754  
Conc: 61.12 ng/ml



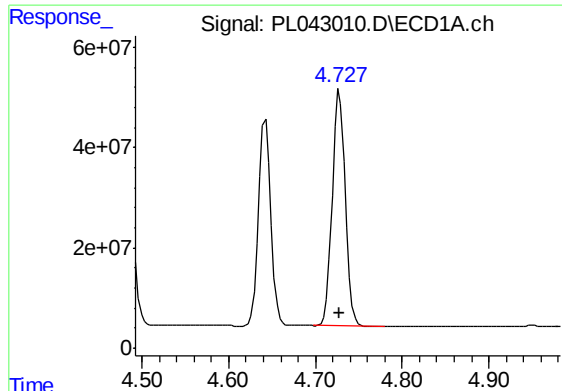
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 535690638  
Conc: 60.38 ng/ml



#4 Heptachlor

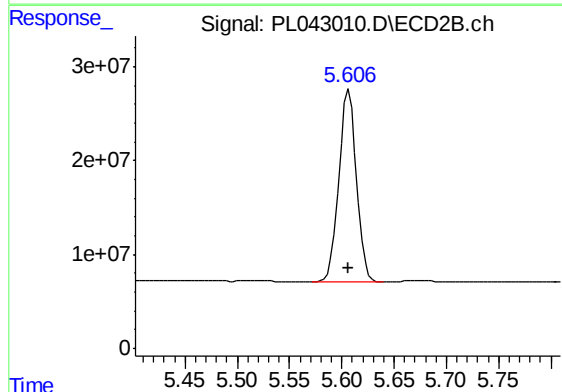
R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 248468203  
Conc: 60.66 ng/ml



#5 Aldrin

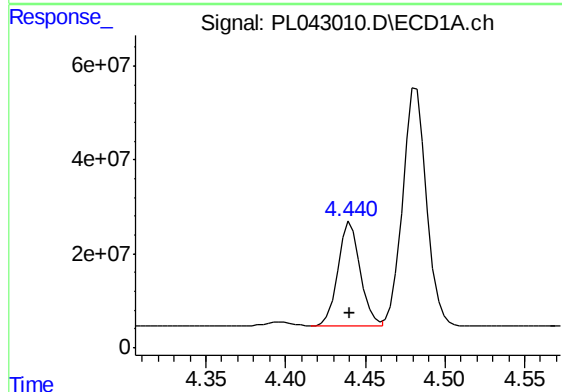
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 492787185  
Conc: 58.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



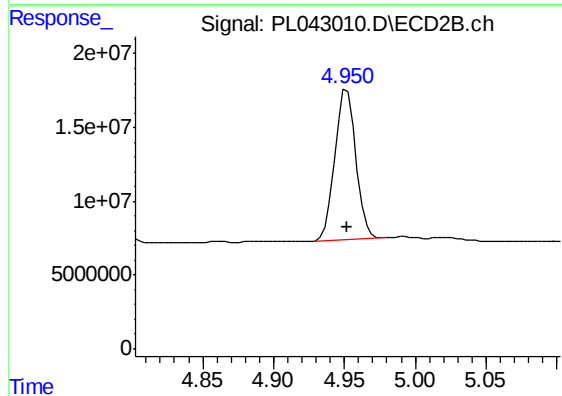
#5 Aldrin

R.T.: 5.607 min  
Delta R.T.: 0.000 min  
Response: 239659066  
Conc: 58.71 ng/ml



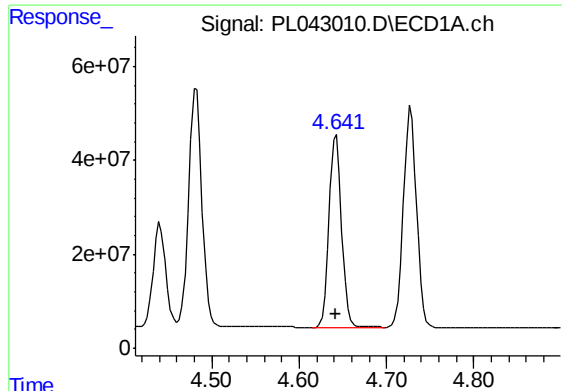
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 216854989  
Conc: 58.79 ng/ml



#6 beta-BHC

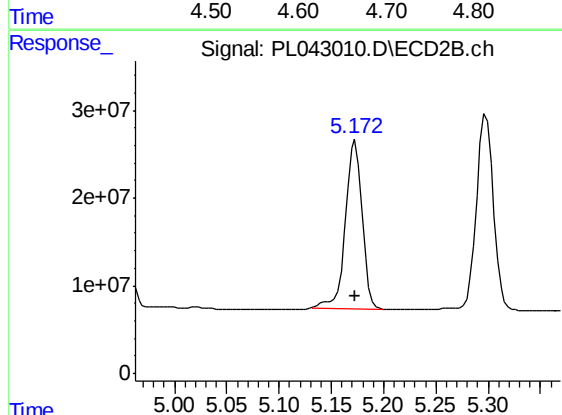
R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 105877670  
Conc: 62.54 ng/ml



#7 delta-BHC

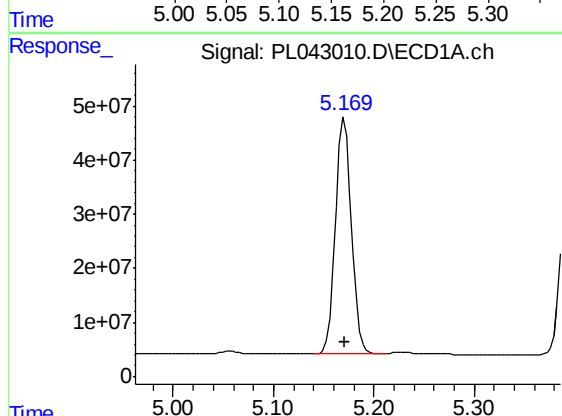
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 410886033  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



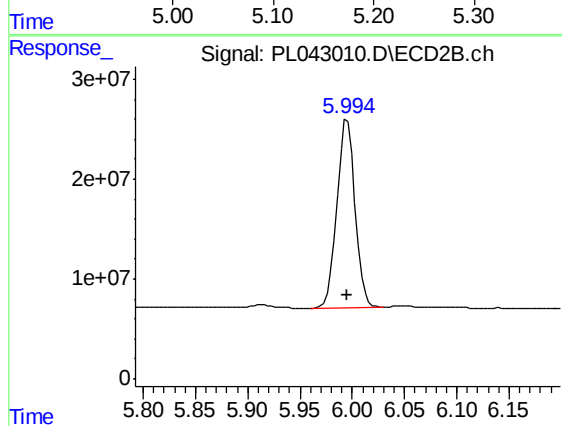
#7 delta-BHC

R.T.: 5.173 min  
Delta R.T.: 0.000 min  
Response: 215149964  
Conc: 50.06 ng/ml



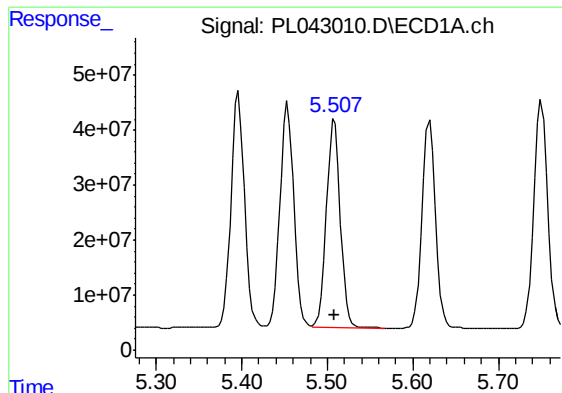
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 478855308  
Conc: 60.41 ng/ml



#8 Heptachlor epoxide

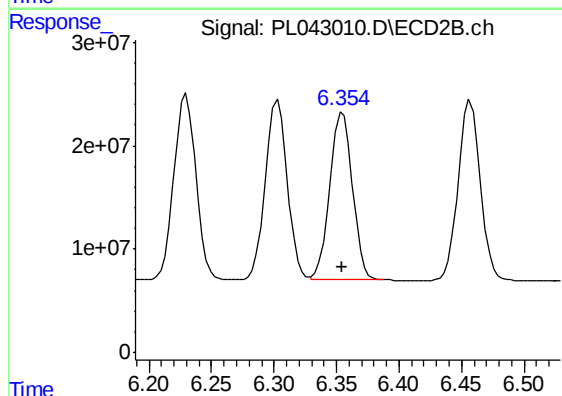
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 228871398  
Conc: 60.36 ng/ml



#9 Endosulfan I

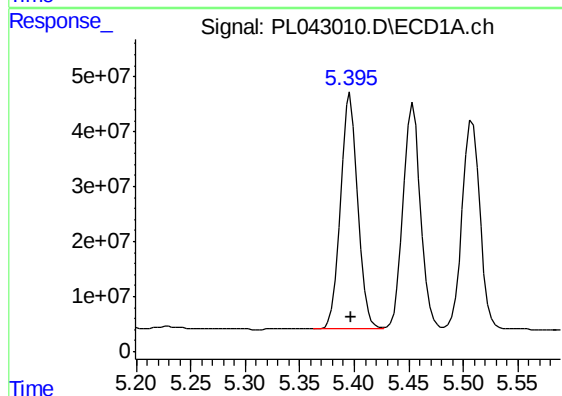
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 433411850  
Conc: 59.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



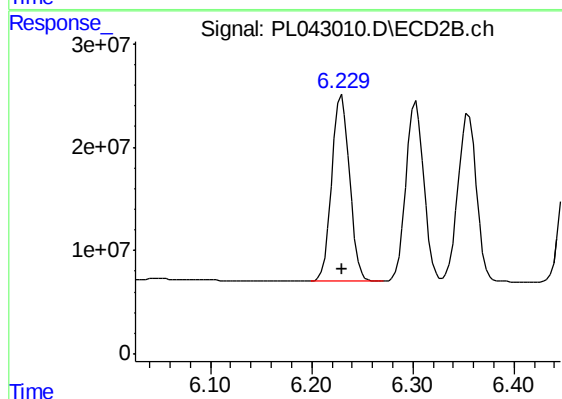
#9 Endosulfan I

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 205742675  
Conc: 60.60 ng/ml



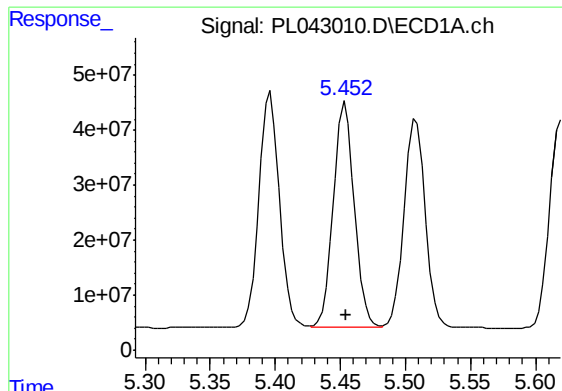
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 474283281  
Conc: 58.83 ng/ml



#10 gamma-Chlordane

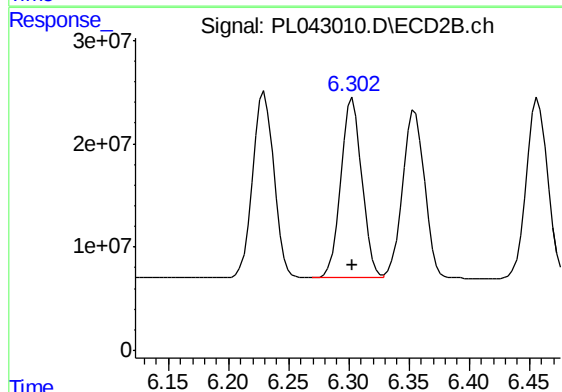
R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 219520801  
Conc: 59.76 ng/ml



#11 alpha-Chlordane

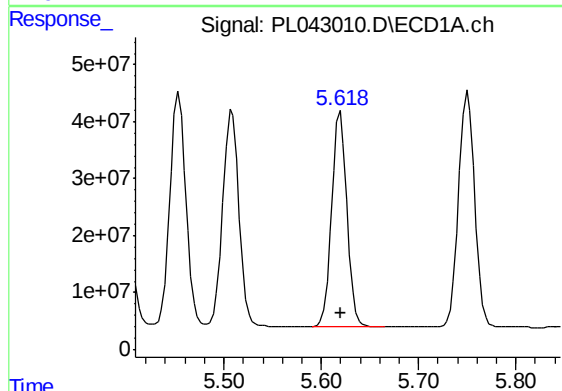
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 459363230  
Conc: 57.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



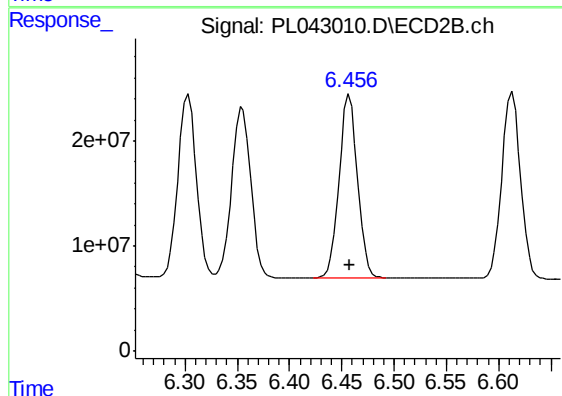
#11 alpha-Chlordane

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 213848827  
Conc: 59.46 ng/ml



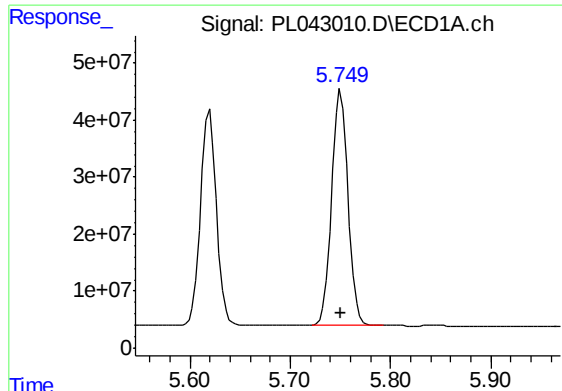
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 414751642  
Conc: 59.91 ng/ml



#12 4,4'-DDE

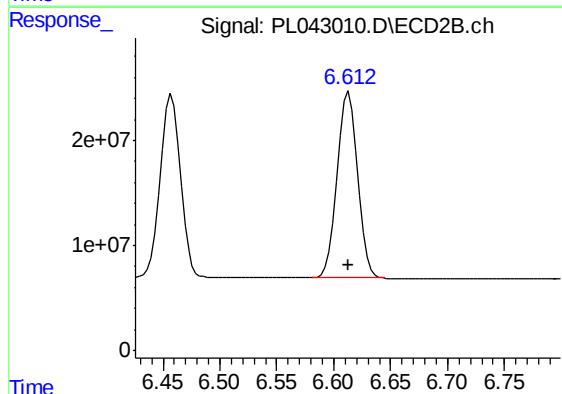
R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 214141095  
Conc: 59.09 ng/ml



#13 Dieldrin

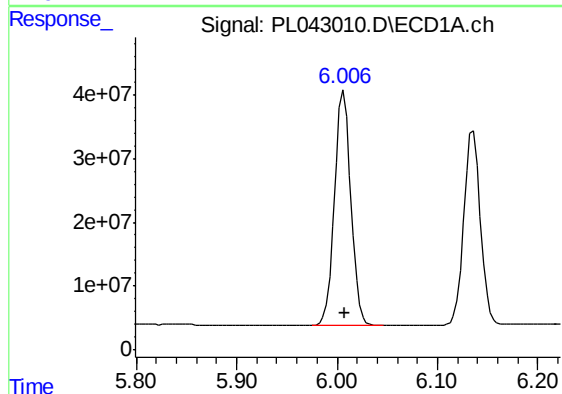
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 467982219  
Conc: 60.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



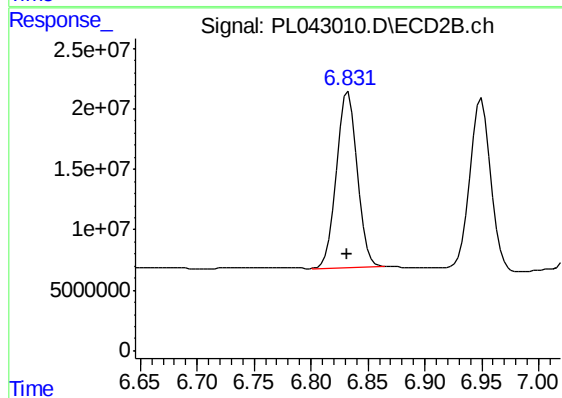
#13 Dieldrin

R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 220501898  
Conc: 60.82 ng/ml



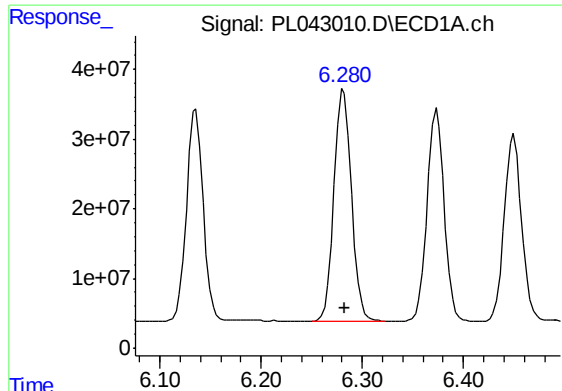
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 414704832  
Conc: 57.59 ng/ml



#14 Endrin

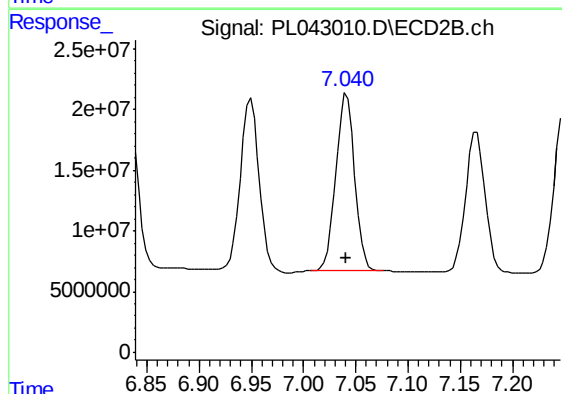
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 182215287  
Conc: 58.37 ng/ml



#15 Endosulfan II

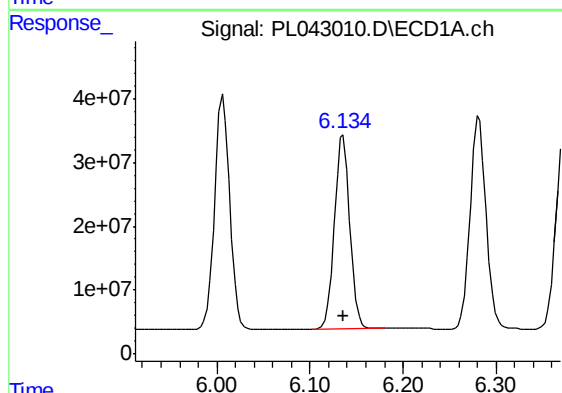
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 396163241  
Conc: 59.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



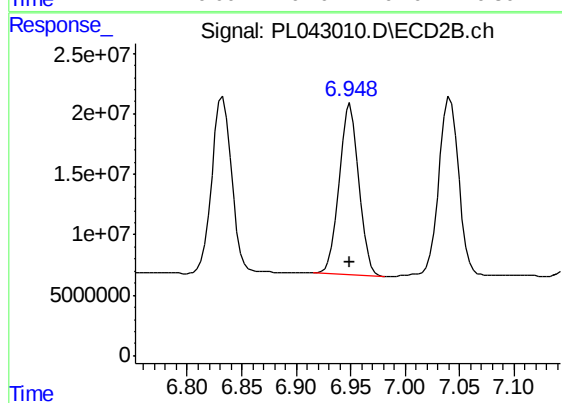
#15 Endosulfan II

R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 183463828  
Conc: 60.59 ng/ml



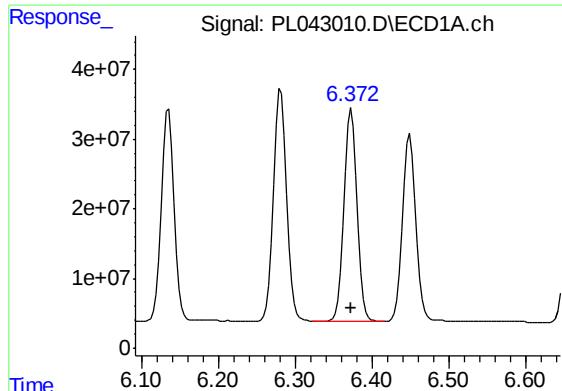
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 348985093  
Conc: 61.54 ng/ml



#16 4,4'-DDD

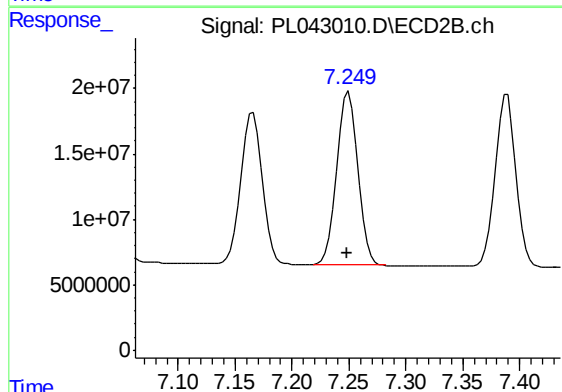
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 177098544  
Conc: 60.39 ng/ml



#17 4,4'-DDT

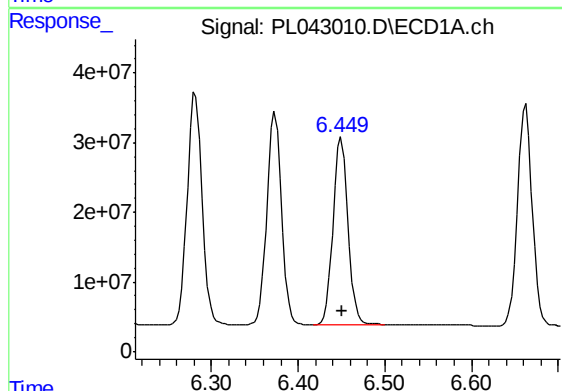
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 358365785  
Conc: 60.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



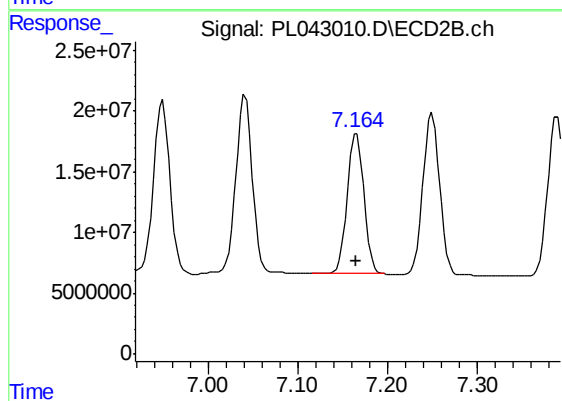
#17 4,4'-DDT

R.T.: 7.250 min  
Delta R.T.: 0.000 min  
Response: 169079116  
Conc: 57.57 ng/ml



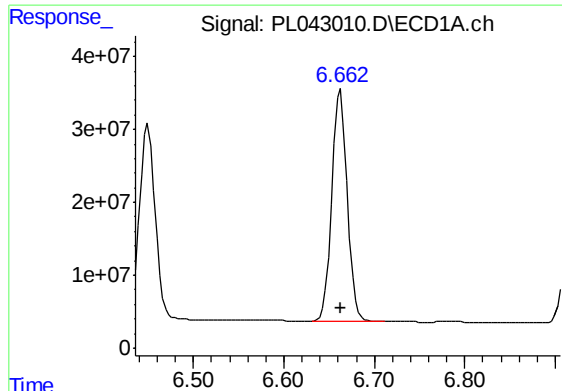
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 322617102  
Conc: 58.54 ng/ml



#18 Endrin aldehyde

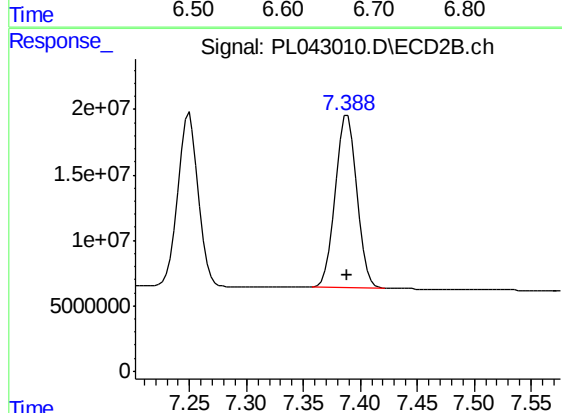
R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 149467537  
Conc: 59.59 ng/ml



#19 Endosulfan Sulfate

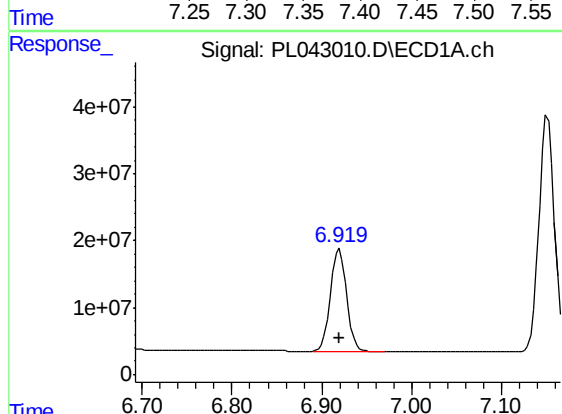
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 374458475  
Conc: 55.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



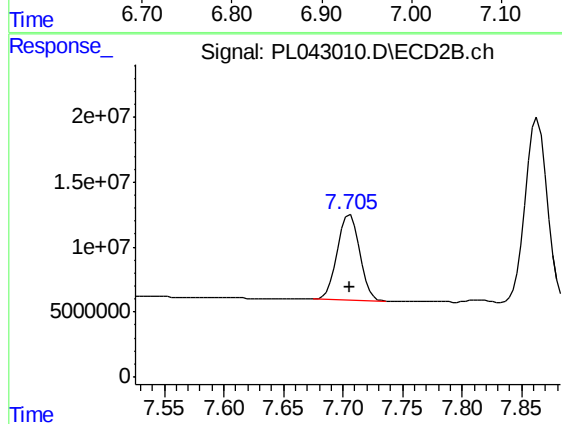
#19 Endosulfan Sulfate

R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 171749577  
Conc: 57.12 ng/ml



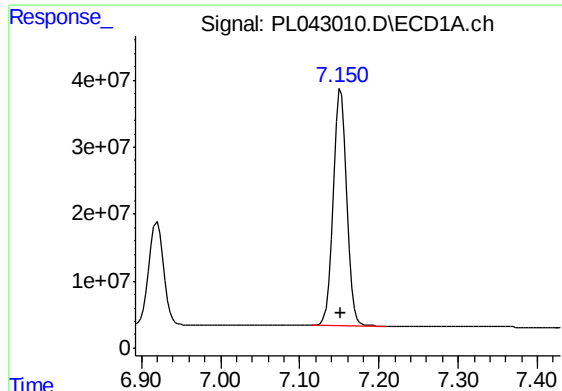
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 191405523  
Conc: 57.04 ng/ml



#20 Methoxychlor

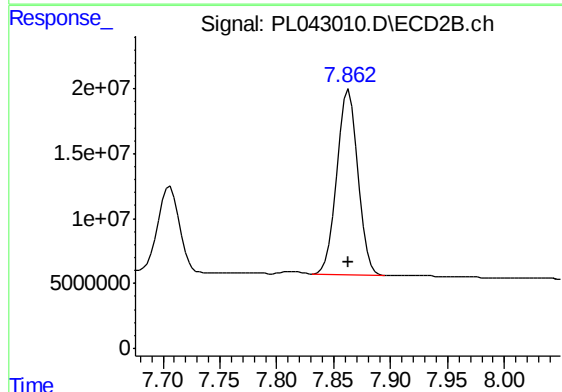
R.T.: 7.706 min  
Delta R.T.: 0.000 min  
Response: 85193102  
Conc: 56.48 ng/ml



#21 Endrin ketone

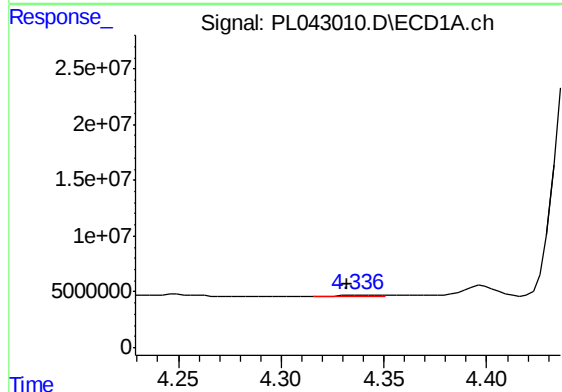
R.T.: 7.152 min  
Delta R.T.: 0.000 min  
Response: 429331343  
Conc: 59.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



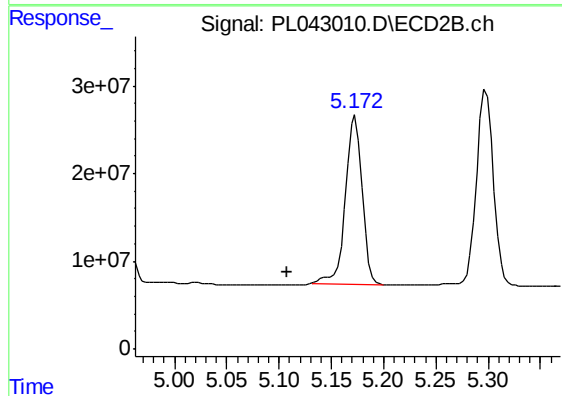
#21 Endrin ketone

R.T.: 7.863 min  
Delta R.T.: 0.000 min  
Response: 180215996  
Conc: 58.96 ng/ml



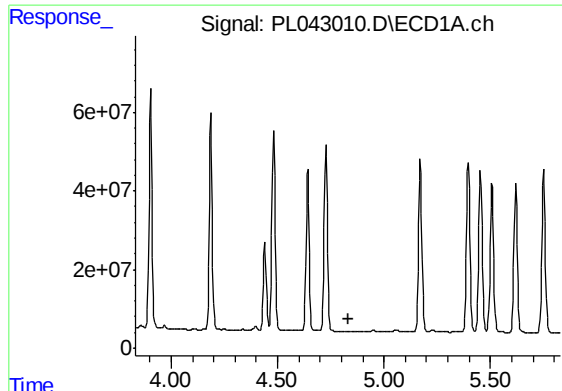
#23 Chlordane-1

R.T.: 4.337 min  
Delta R.T.: 0.005 min  
Response: 1443793  
Conc: 5.37 ng/ml



#23 Chlordane-1

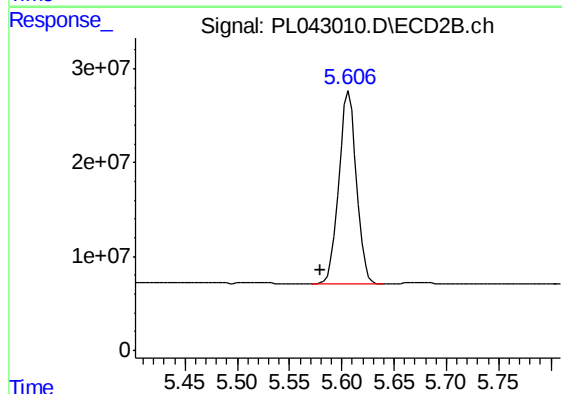
R.T.: 5.173 min  
Delta R.T.: 0.065 min  
Response: 215149964  
Conc: 1522.29 ng/ml



#24 Chlordane-2

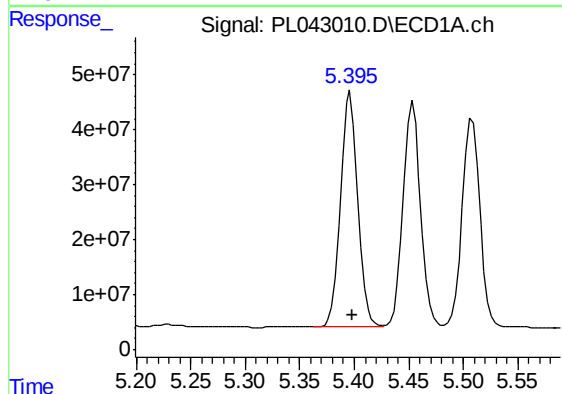
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



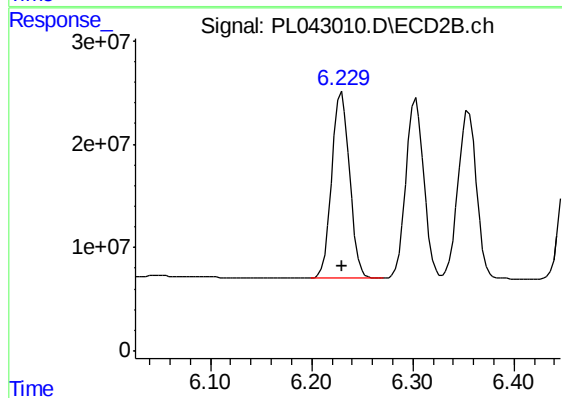
#24 Chlordane-2

R.T.: 5.607 min  
Delta R.T.: 0.028 min  
Response: 239659066  
Conc: 1670.77 ng/ml



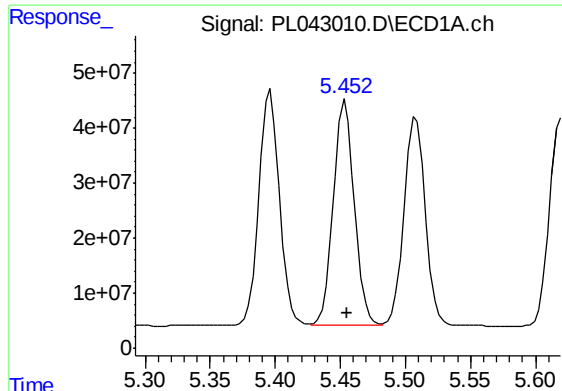
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 474283281  
Conc: 570.71 ng/ml



#25 Chlordane-3

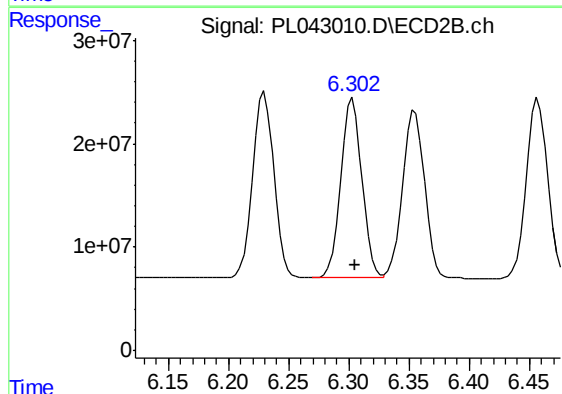
R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 219520801  
Conc: 447.02 ng/ml



#26 Chlordane-4

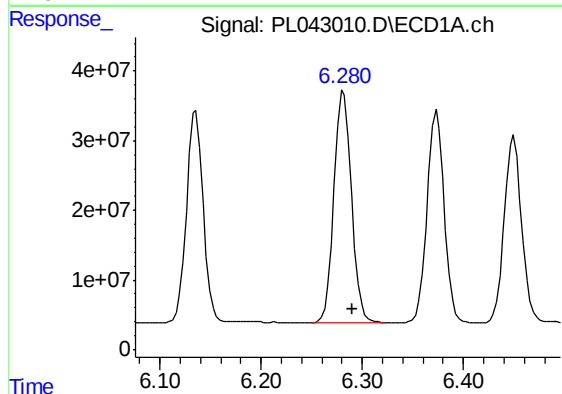
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 459363230  
Conc: 607.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



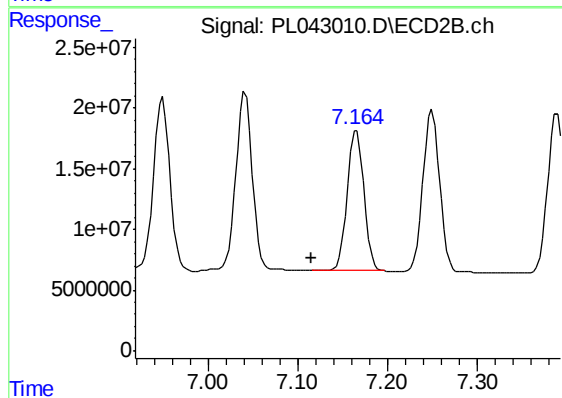
#26 Chlordane-4

R.T.: 6.303 min  
Delta R.T.: -0.002 min  
Response: 213848827  
Conc: 374.68 ng/ml



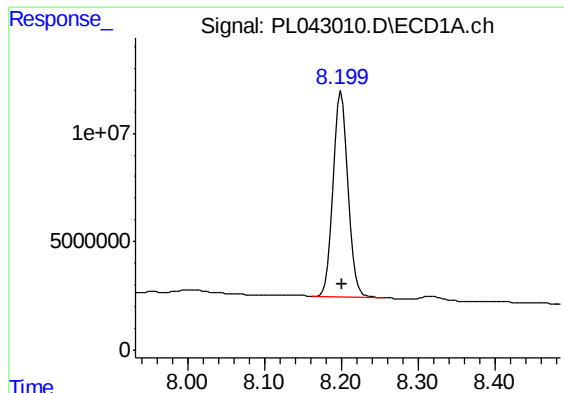
#27 Chlordane-5

R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 396163241  
Conc: 1651.68 ng/ml



#27 Chlordane-5

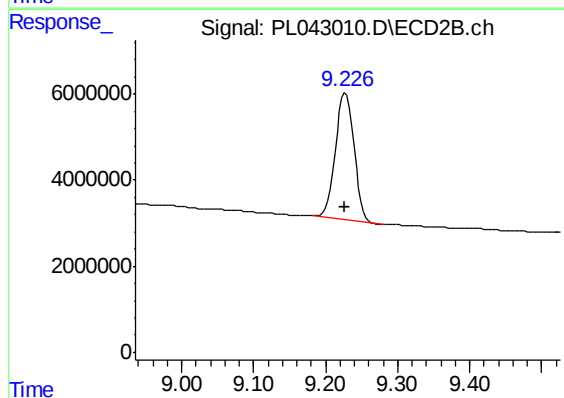
R.T.: 7.166 min  
Delta R.T.: 0.050 min  
Response: 149467537  
Conc: 1274.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 127483503  
Conc: 19.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-01-120518-AMSD



#28 Decachlorobiphenyl

R.T.: 9.228 min  
Delta R.T.: 0.000 min  
Response: 52809254  
Conc: 20.25 ng/ml