

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
 Data File : PL056401.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2020 22:46  
 Operator : AJ\MA  
 Sample : L1431-07MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 23:31:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.497 | 4.016  | 199.8E6 | 63557189 | 19.081   | 21.736     |
| 28)                         | SA Decachlor... | 8.253 | 9.096  | 174.9E6 | 43404436 | 16.609   | 19.189     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.936 | 4.407  | 844.9E6 | 231.6E6  | 47.410   | 52.922     |
| 3)                          | MA gamma-BHC... | 4.220 | 4.691  | 778.9E6 | 206.2E6  | 47.572   | 50.293     |
| 4)                          | MA Heptachlor   | 4.522 | 5.199  | 820.7E6 | 202.7E6  | 51.120   | 56.666     |
| 5)                          | MB Aldrin       | 4.771 | 5.504  | 781.2E6 | 186.2E6  | 48.021   | 52.987     |
| 6)                          | B beta-BHC      | 4.470 | 4.864  | 312.7E6 | 84153978 | 47.469   | 51.331     |
| 7)                          | B delta-BHC     | 4.676 | 5.081  | 765.5E6 | 177.1E6  | 47.744   | 55.211     |
| 8)                          | B Heptachlo...  | 5.214 | 5.892  | 737.5E6 | 162.1E6  | 47.952   | 52.078     |
| 9)                          | A Endosulfan I  | 5.554 | 6.250  | 639.8E6 | 157.9E6  | 44.087   | 52.745     |
| 10)                         | B gamma-Chl...  | 5.441 | 6.127  | 757.1E6 | 168.7E6  | 48.277   | 53.040     |
| 11)                         | B alpha-Chl...  | 5.499 | 6.199  | 736.5E6 | 169.5E6  | 47.875   | 53.461     |
| 12)                         | B 4,4'-DDE      | 5.662 | 6.358  | 723.0E6 | 157.8E6  | 49.883   | 52.680     |
| 13)                         | MA Dieldrin     | 5.796 | 6.508  | 766.4E6 | 167.3E6  | 49.831   | 53.882     |
| 14)                         | MA Endrin       | 6.055 | 6.726  | 678.6E6 | 144.2E6  | 48.294   | 55.042     |
| 15)                         | B Endosulfa...  | 6.327 | 6.937  | 610.0E6 | 147.5E6  | 46.639   | 54.772     |
| 16)                         | A 4,4'-DDD      | 6.178 | 6.850  | 517.1E6 | 132.2E6  | 48.103   | 56.022     |
| 17)                         | MA 4,4'-DDT     | 6.419 | 7.149  | 559.9E6 | 132.1E6  | 51.230   | 57.528     |
| 18)                         | B Endrin al...  | 6.495 | 7.062  | 528.5E6 | 123.1E6  | 48.305   | 54.205     |
| 19)                         | B Endosulfa...  | 6.708 | 7.285  | 610.4E6 | 134.7E6  | 50.209   | 53.218     |
| 20)                         | A Methoxychlor  | 6.963 | 7.609  | 297.4E6 | 70478442 | 55.978   | 57.482     |
| 21)                         | B Endrin ke...  | 7.200 | 7.757  | 660.7E6 | 144.4E6  | 50.491   | 54.139     |
| 22)                         | Mirex           | 7.390 | 8.212  | 441.2E6 | 94452924 | 47.751   | 51.959     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0       | 186.2E6  | N.D.     | 1885.531 # |
| 25)                         | Chlordane-3     | 5.441 | 6.127  | 757.1E6 | 168.7E6  | 599.683  | 448.802 #  |
| 26)                         | Chlordane-4     | 5.499 | 6.199  | 736.5E6 | 169.5E6  | 680.627  | 385.695 #  |
| 27)                         | Chlordane-5     | 6.327 | 0.000  | 610.0E6 | 0        | 1470.399 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

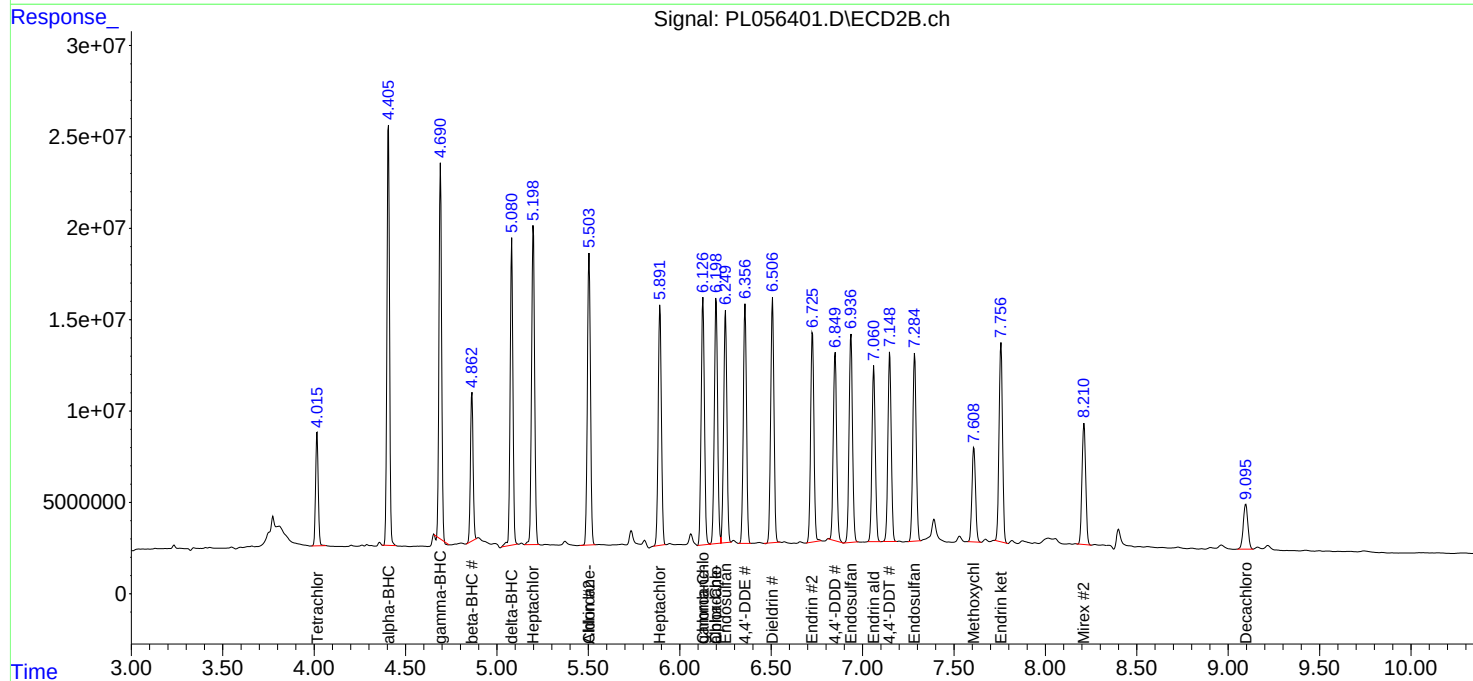
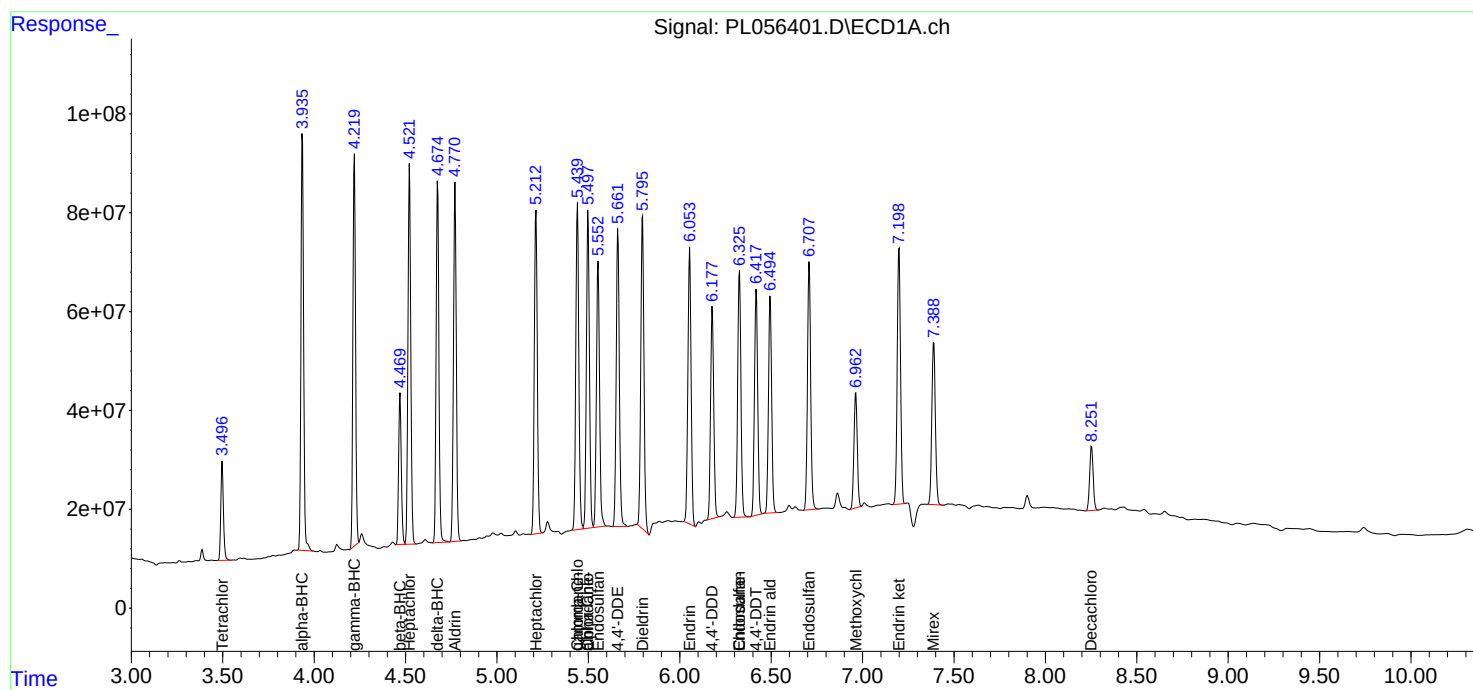
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

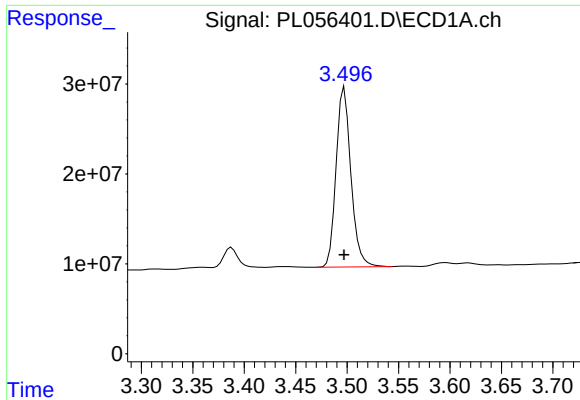
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020720\  
Data File : PL056401.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2020 22:46  
Operator : AJ\MA  
Sample : L1431-07MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 23:31:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 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

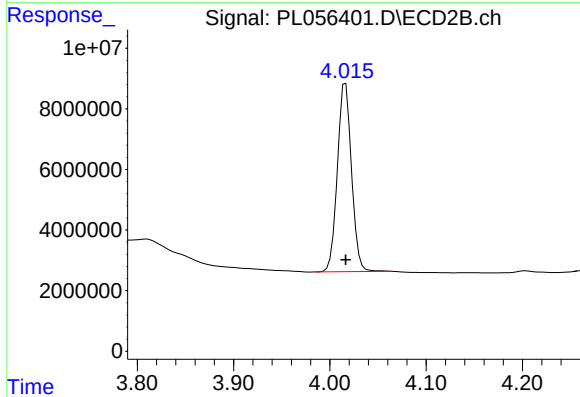




#1 Tetrachloro-m-xylene

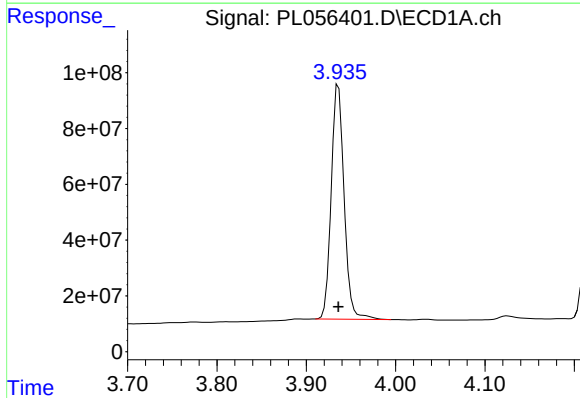
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 199834283  
Conc: 19.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



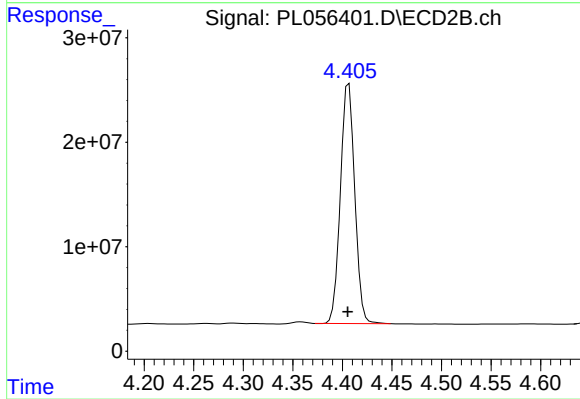
#1 Tetrachloro-m-xylene

R.T.: 4.016 min  
Delta R.T.: 0.000 min  
Response: 63557189  
Conc: 21.74 ng/ml



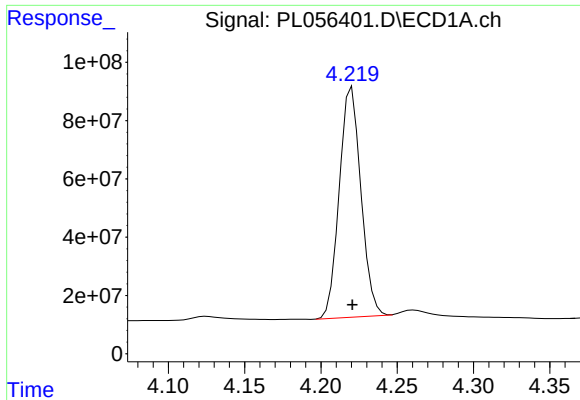
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 844852727  
Conc: 47.41 ng/ml



#2 alpha-BHC

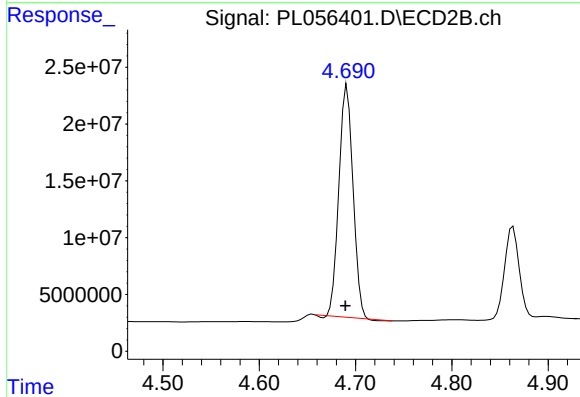
R.T.: 4.407 min  
Delta R.T.: 0.001 min  
Response: 231649532  
Conc: 52.92 ng/ml



#3 gamma-BHC (Lindane)

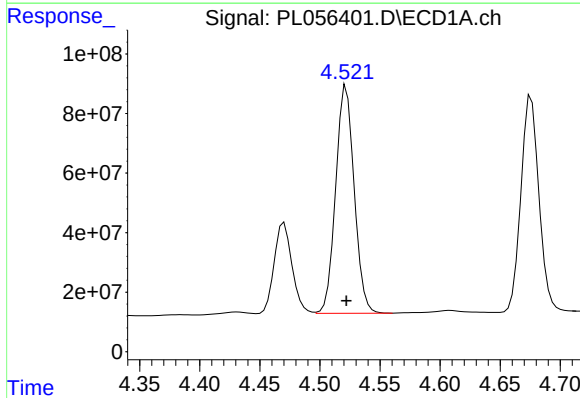
R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 778949674  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



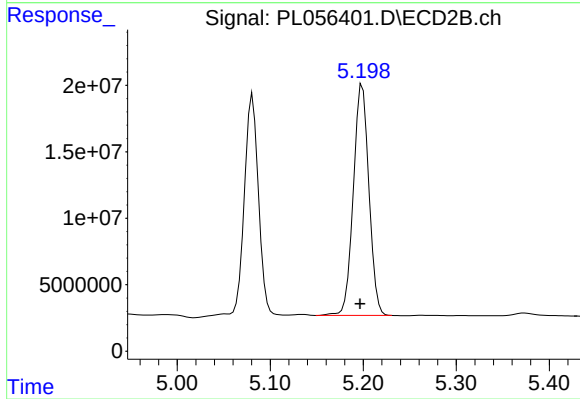
#3 gamma-BHC (Lindane)

R.T.: 4.691 min  
Delta R.T.: 0.002 min  
Response: 206237888  
Conc: 50.29 ng/ml



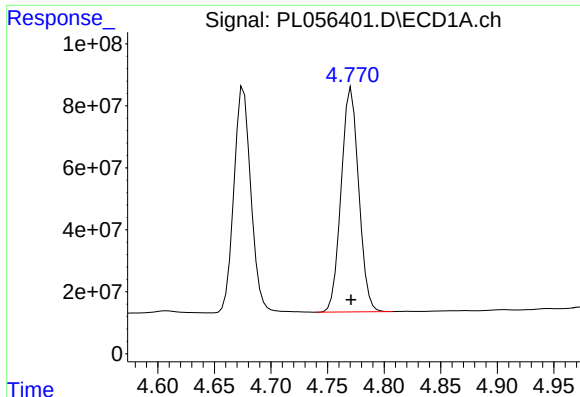
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 820708451  
Conc: 51.12 ng/ml



#4 Heptachlor

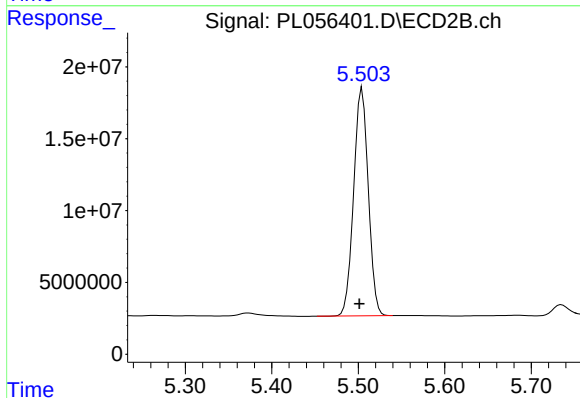
R.T.: 5.199 min  
Delta R.T.: 0.002 min  
Response: 202736624  
Conc: 56.67 ng/ml



#5 Aldrin

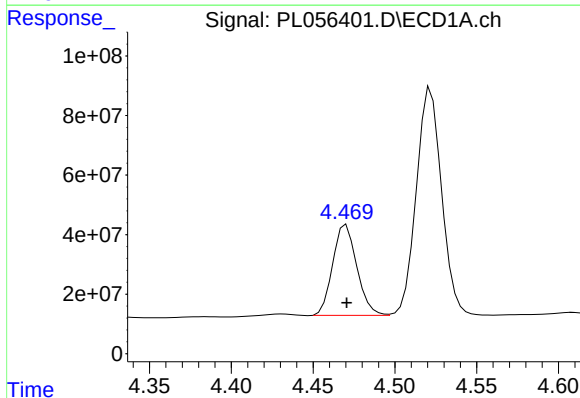
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 781172927  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



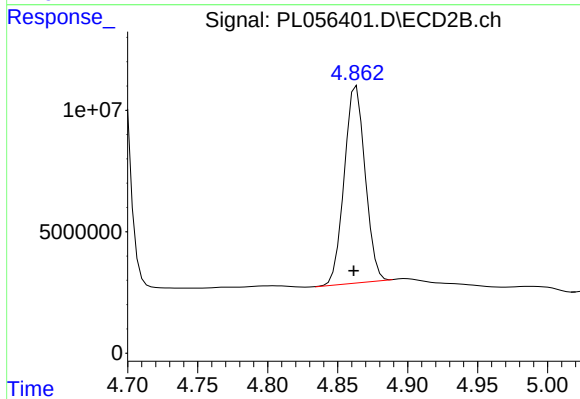
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.003 min  
Response: 186229859  
Conc: 52.99 ng/ml



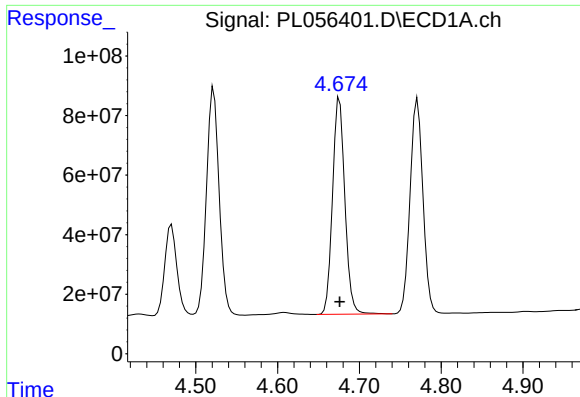
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 312673900  
Conc: 47.47 ng/ml



#6 beta-BHC

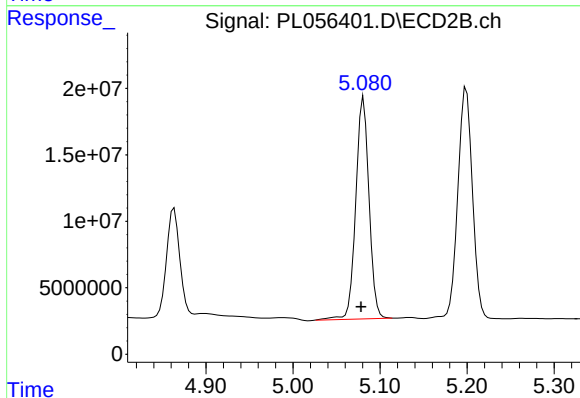
R.T.: 4.864 min  
Delta R.T.: 0.002 min  
Response: 84153978  
Conc: 51.33 ng/ml



#7 delta-BHC

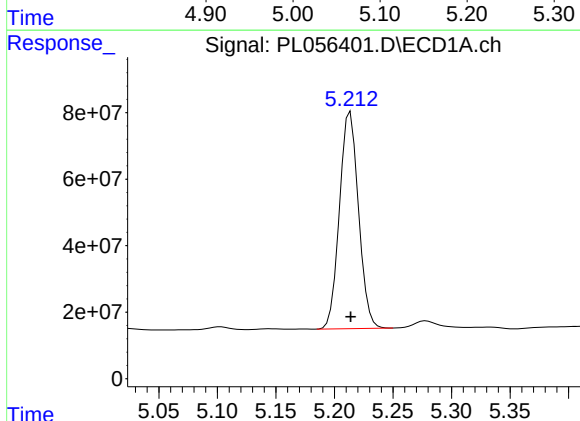
R.T.: 4.676 min  
Delta R.T.: 0.000 min  
Response: 765450944  
Conc: 47.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



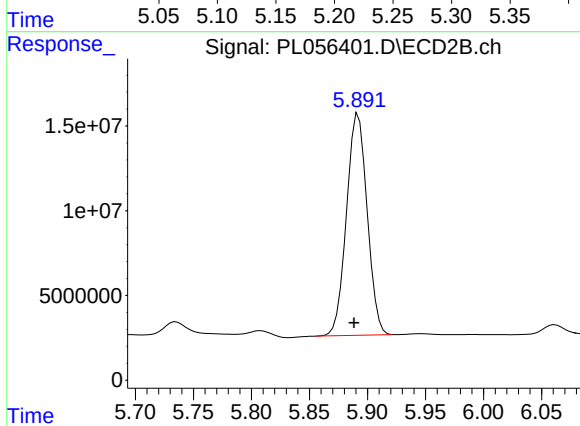
#7 delta-BHC

R.T.: 5.081 min  
Delta R.T.: 0.003 min  
Response: 177067878  
Conc: 55.21 ng/ml



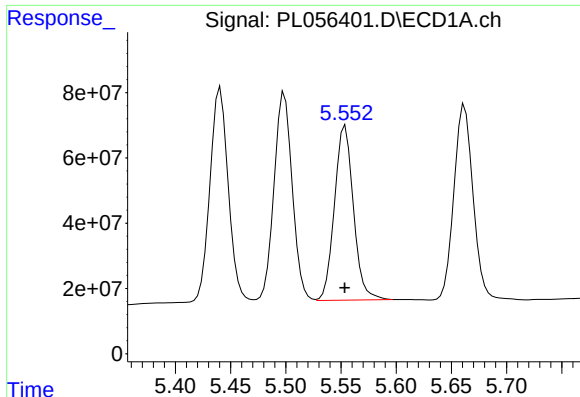
#8 Heptachlor epoxide

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 737536781  
Conc: 47.95 ng/ml



#8 Heptachlor epoxide

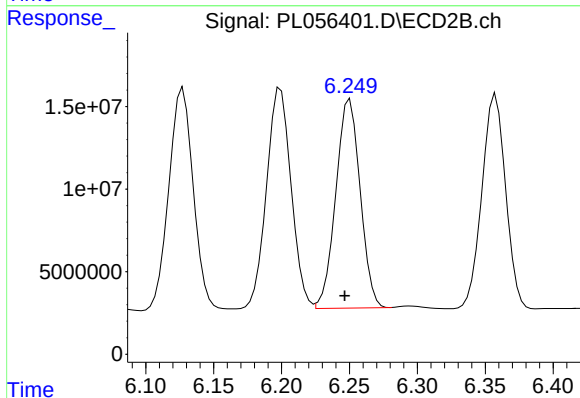
R.T.: 5.892 min  
Delta R.T.: 0.004 min  
Response: 162094268  
Conc: 52.08 ng/ml



#9 Endosulfan I

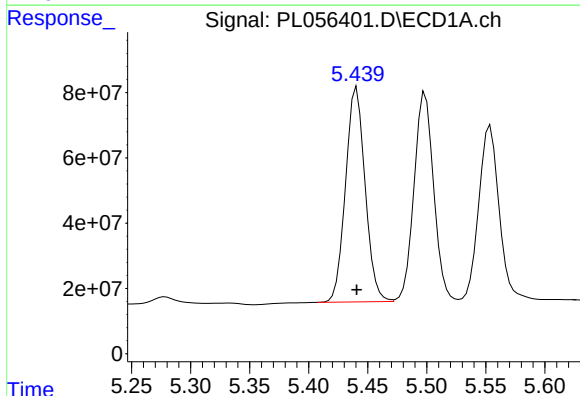
R.T.: 5.554 min  
Delta R.T.: 0.000 min  
Response: 639772506  
Conc: 44.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



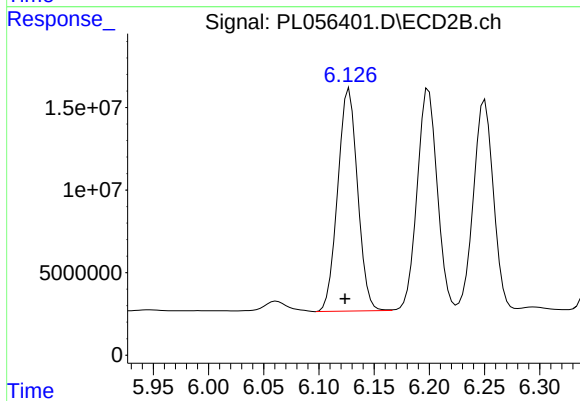
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.004 min  
Response: 157851700  
Conc: 52.74 ng/ml



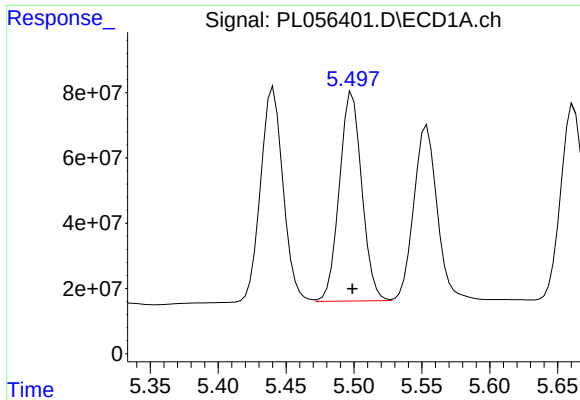
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 757124582  
Conc: 48.28 ng/ml



#10 gamma-Chlordane

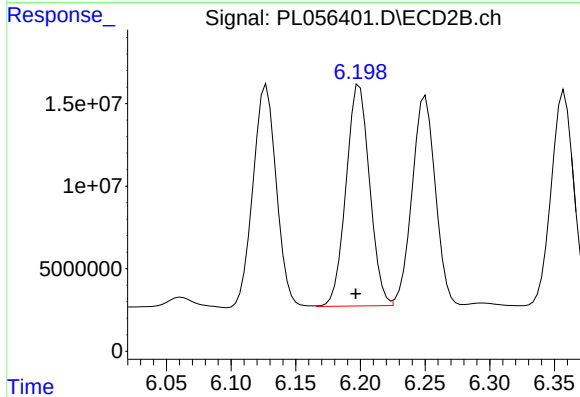
R.T.: 6.127 min  
Delta R.T.: 0.004 min  
Response: 168675503  
Conc: 53.04 ng/ml



#11 alpha-Chlordane

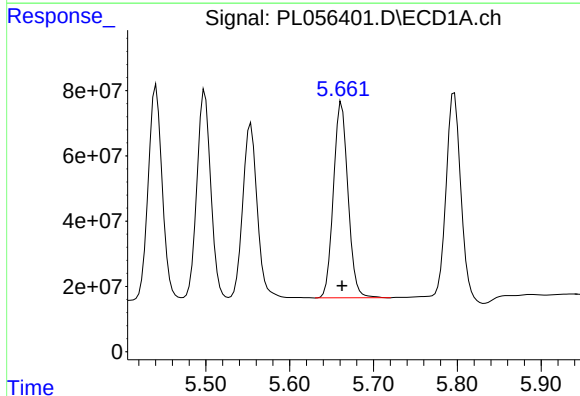
R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 736463848  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



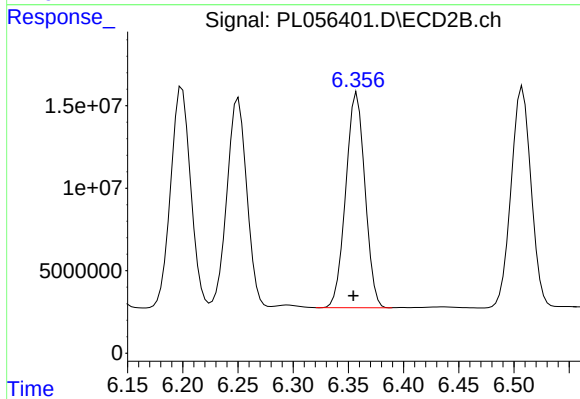
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.003 min  
Response: 169457091  
Conc: 53.46 ng/ml



#12 4,4'-DDE

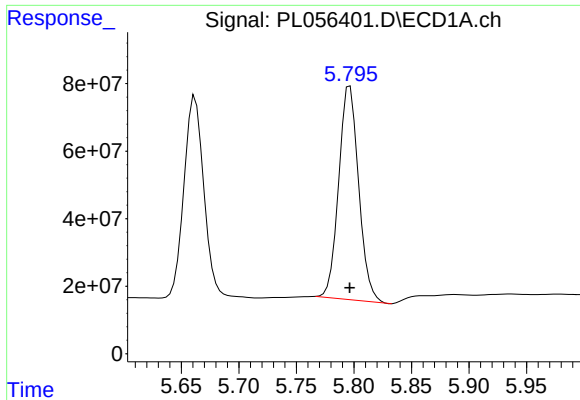
R.T.: 5.662 min  
Delta R.T.: 0.000 min  
Response: 722979890  
Conc: 49.88 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min  
Delta R.T.: 0.003 min  
Response: 157796242  
Conc: 52.68 ng/ml

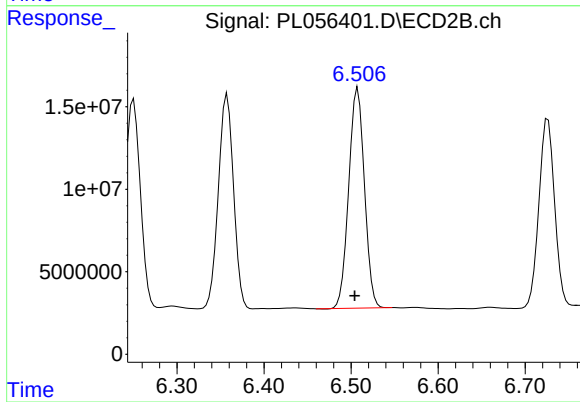




#13 Dieldrin

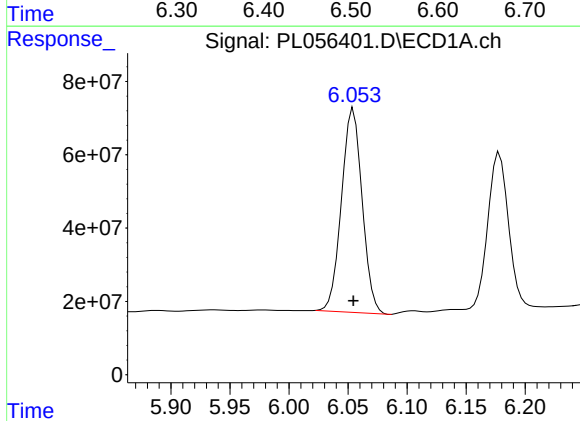
R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 766396484  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



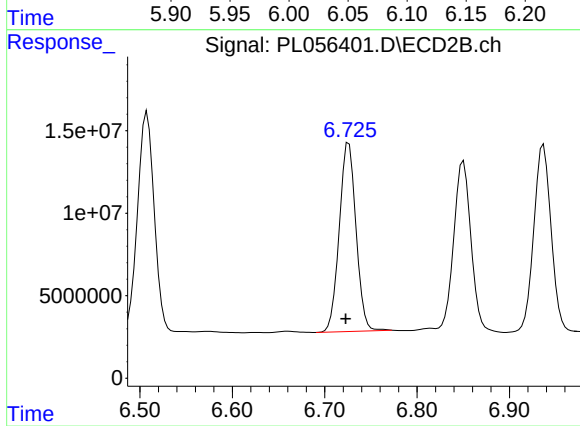
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.003 min  
Response: 167250517  
Conc: 53.88 ng/ml



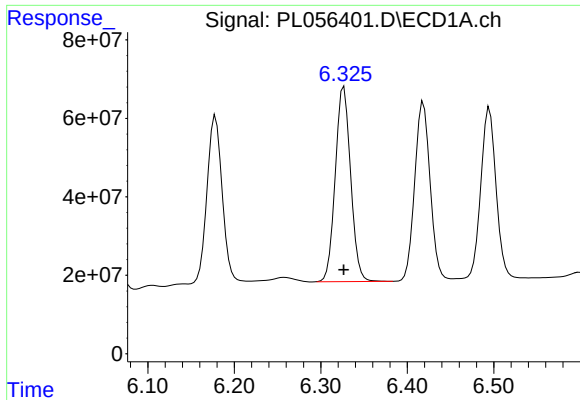
#14 Endrin

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 678614775  
Conc: 48.29 ng/ml



#14 Endrin

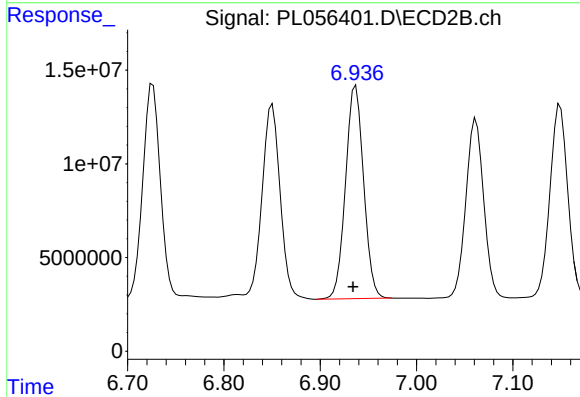
R.T.: 6.726 min  
Delta R.T.: 0.003 min  
Response: 144247772  
Conc: 55.04 ng/ml



#15 Endosulfan II

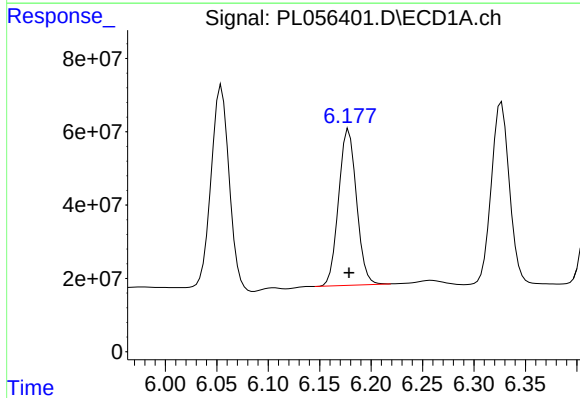
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 609968684  
Conc: 46.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



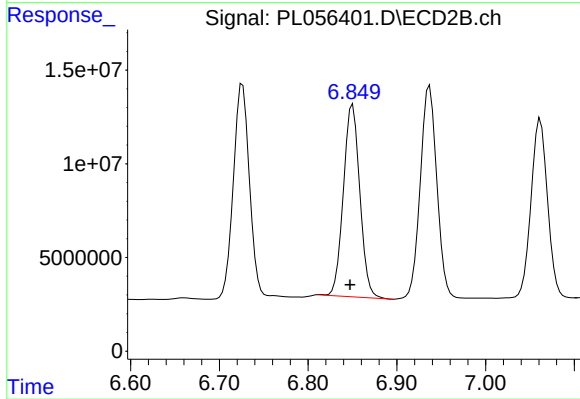
#15 Endosulfan II

R.T.: 6.937 min  
Delta R.T.: 0.003 min  
Response: 147450203  
Conc: 54.77 ng/ml



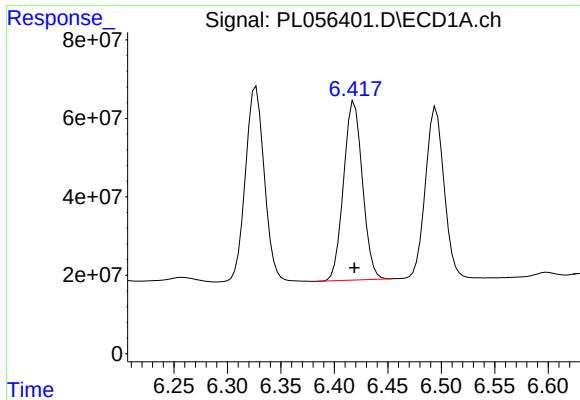
#16 4,4'-DDD

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 517063136  
Conc: 48.10 ng/ml



#16 4,4'-DDD

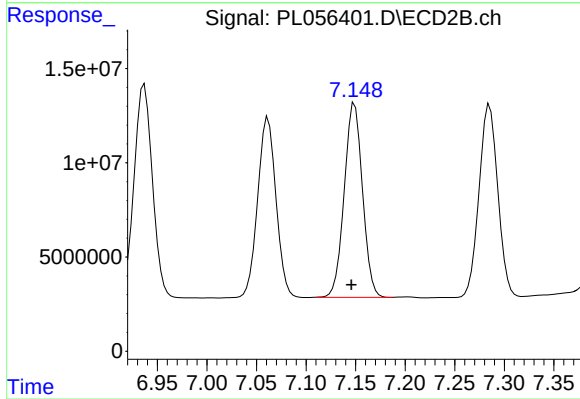
R.T.: 6.850 min  
Delta R.T.: 0.003 min  
Response: 132181602  
Conc: 56.02 ng/ml



#17 4,4'-DDT

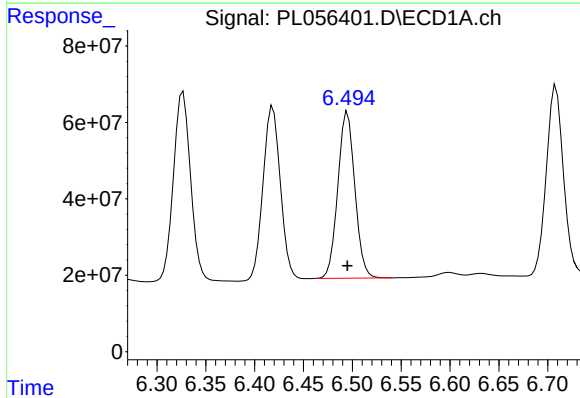
R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 559878507  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



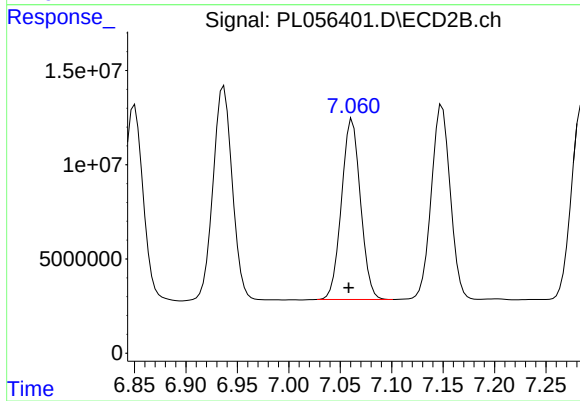
#17 4,4'-DDT

R.T.: 7.149 min  
Delta R.T.: 0.003 min  
Response: 132069612  
Conc: 57.53 ng/ml



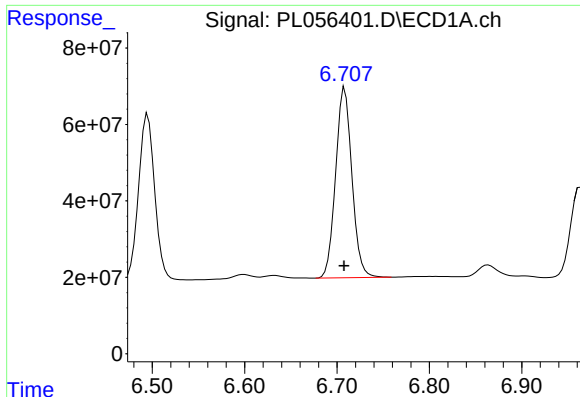
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.000 min  
Response: 528490504  
Conc: 48.30 ng/ml



#18 Endrin aldehyde

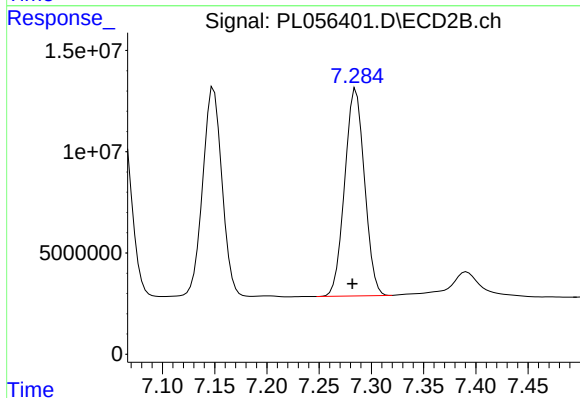
R.T.: 7.062 min  
Delta R.T.: 0.003 min  
Response: 123057134  
Conc: 54.20 ng/ml



#19 Endosulfan Sulfate

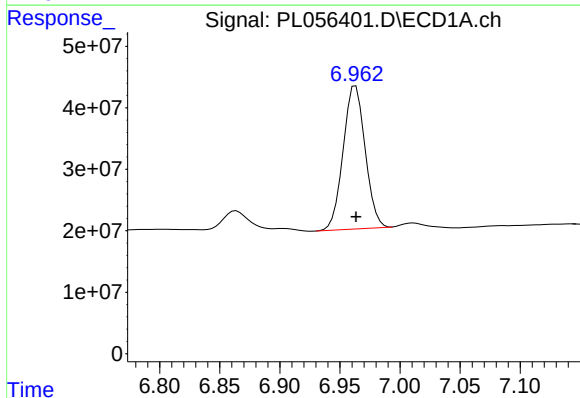
R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 610428693  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



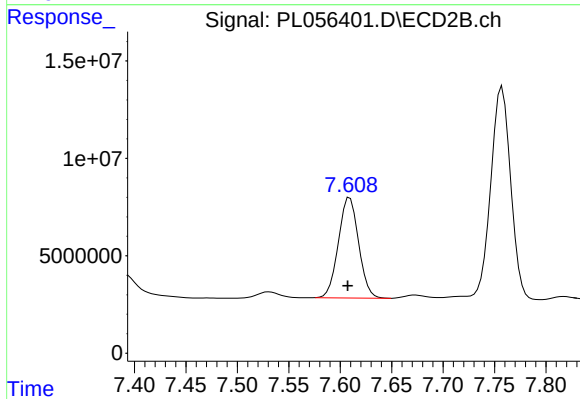
#19 Endosulfan Sulfate

R.T.: 7.285 min  
Delta R.T.: 0.003 min  
Response: 134681713  
Conc: 53.22 ng/ml



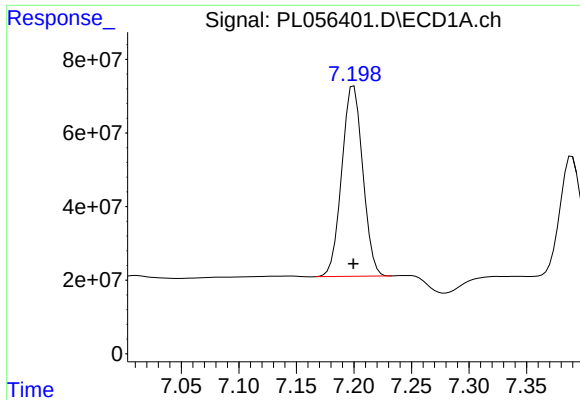
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 297365247  
Conc: 55.98 ng/ml



#20 Methoxychlor

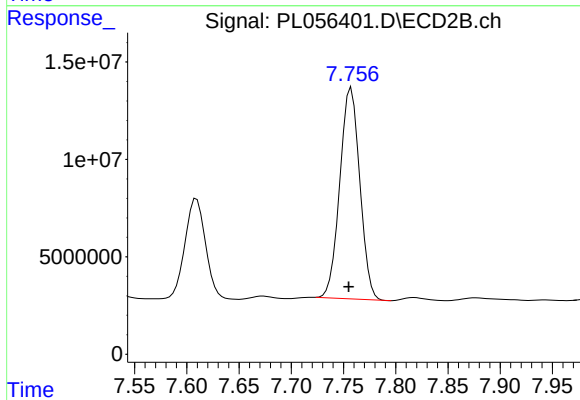
R.T.: 7.609 min  
Delta R.T.: 0.002 min  
Response: 70478442  
Conc: 57.48 ng/ml



#21 Endrin ketone

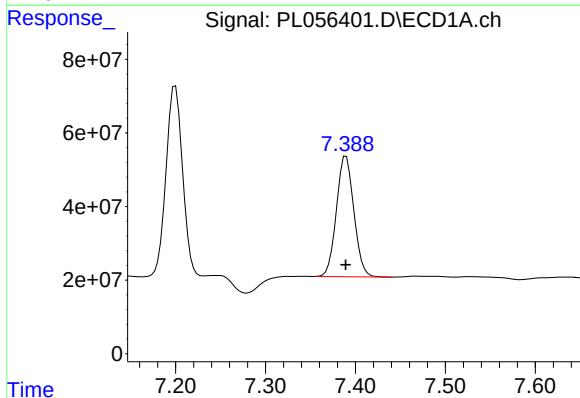
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 660683745  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



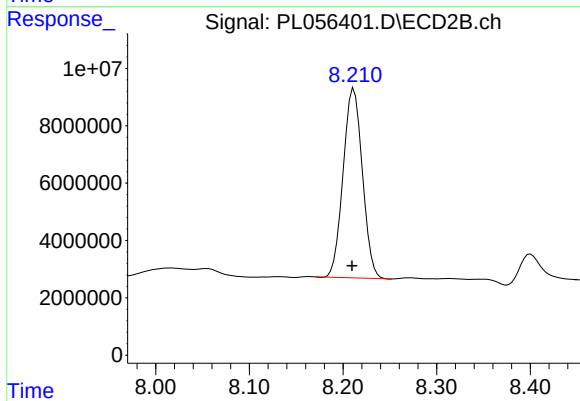
#21 Endrin ketone

R.T.: 7.757 min  
Delta R.T.: 0.002 min  
Response: 144381944  
Conc: 54.14 ng/ml



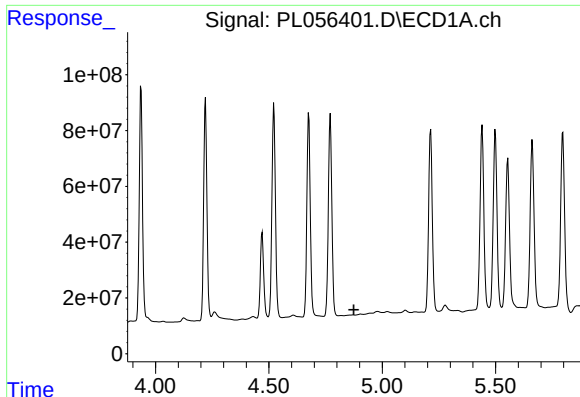
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 441198138  
Conc: 47.75 ng/ml



#22 Mirex

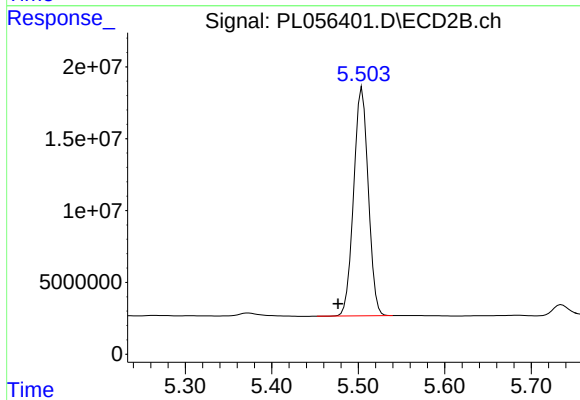
R.T.: 8.212 min  
Delta R.T.: 0.002 min  
Response: 94452924  
Conc: 51.96 ng/ml



#24 Chlordane-2

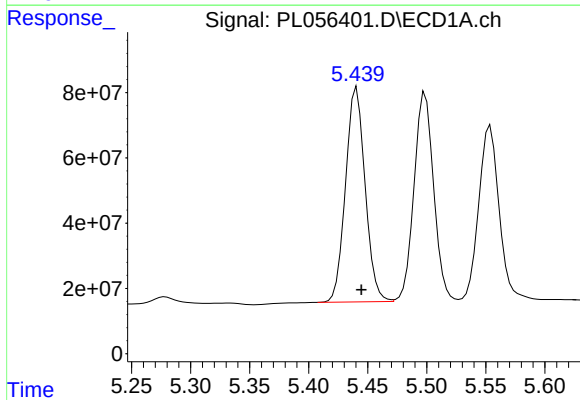
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



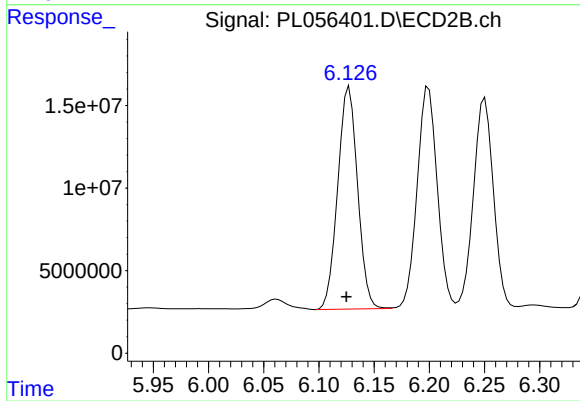
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.028 min  
Response: 186229859  
Conc: 1885.53 ng/ml



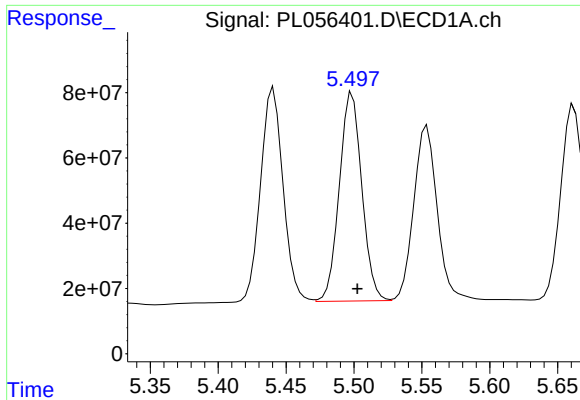
#25 Chlordane-3

R.T.: 5.441 min  
Delta R.T.: -0.004 min  
Response: 757124582  
Conc: 599.68 ng/ml



#25 Chlordane-3

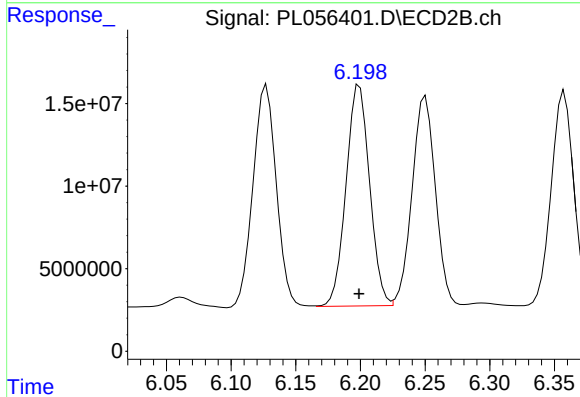
R.T.: 6.127 min  
Delta R.T.: 0.003 min  
Response: 168675503  
Conc: 448.80 ng/ml



#26 Chlordane-4

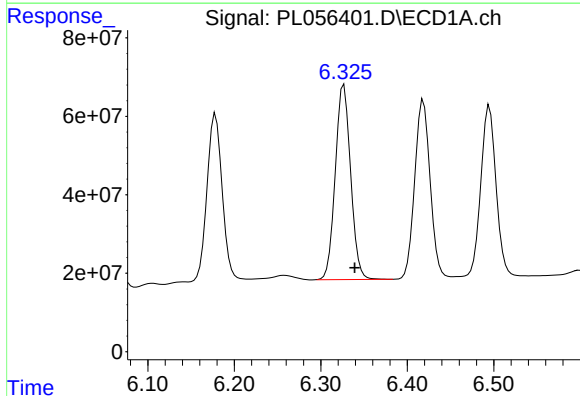
R.T.: 5.499 min  
Delta R.T.: -0.004 min  
Response: 736463848  
Conc: 680.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



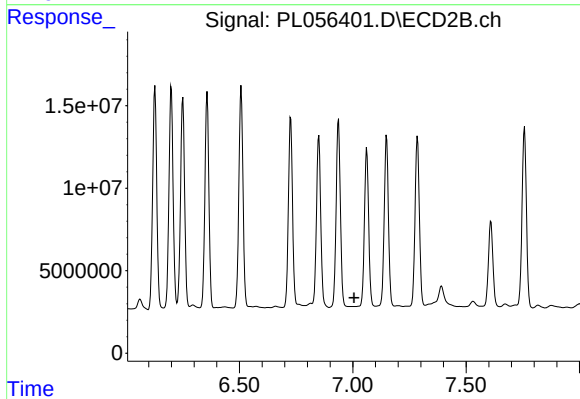
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 169457091  
Conc: 385.69 ng/ml



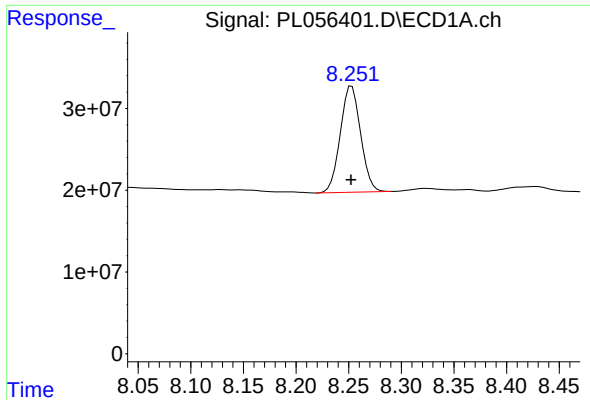
#27 Chlordane-5

R.T.: 6.327 min  
Delta R.T.: -0.013 min  
Response: 609968684  
Conc: 1470.40 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

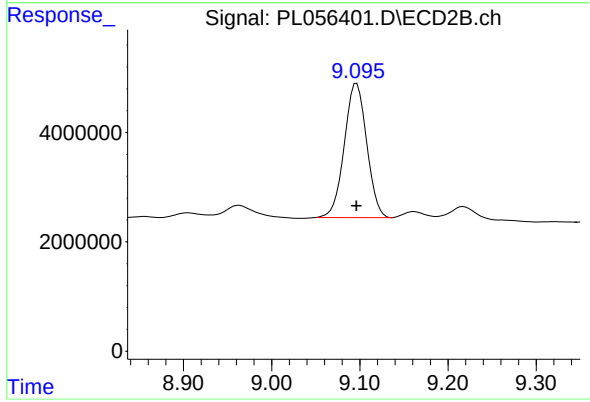
R.T.: 8.253 min

Delta R.T.: 0.000 min

Response: 174861029

Conc: 16.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.096 min

Delta R.T.: 0.000 min

Response: 43404436

Conc: 19.19 ng/ml