

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
 Data File : PL083279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jun 2023 12:18  
 Operator : AR\AJ  
 Sample : PB153260BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 22:11:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.316  | 2.633  | 53962154 | 44610374 | 18.361   | 17.184     |
| 28)                         | SA Decachlor... | 8.737  | 7.738  | 44445458 | 49714431 | 21.191   | 19.993     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.766  | 3.129  | 219.3E6  | 170.4E6  | 49.411   | 45.663     |
| 3)                          | MA gamma-BHC... | 4.094  | 3.455  | 203.9E6  | 158.2E6  | 49.206   | 47.448     |
| 4)                          | MA Heptachlor   | 4.672  | 3.786  | 192.7E6  | 167.0E6  | 50.405   | 45.623     |
| 5)                          | MB Aldrin       | 5.009  | 4.062  | 182.3E6  | 153.6E6  | 51.810   | 47.196     |
| 6)                          | B beta-BHC      | 4.299  | 3.756  | 89141594 | 66726103 | 47.347   | 46.659     |
| 7)                          | B delta-BHC     | 4.540  | 3.981  | 201.4E6  | 154.5E6  | 58.569   | 47.157     |
| 8)                          | B Heptachlo...  | 5.435  | 4.563  | 165.6E6  | 141.5E6  | 51.777   | 47.689     |
| 9)                          | A Endosulfan I  | 5.817  | 4.930  | 154.3E6  | 133.3E6  | 51.436   | 47.695     |
| 10)                         | B gamma-Chl...  | 5.690  | 4.812  | 170.4E6  | 143.9E6  | 53.622   | 47.915     |
| 11)                         | B alpha-Chl...  | 5.768  | 4.874  | 165.2E6  | 143.6E6  | 51.489   | 47.820     |
| 12)                         | B 4,4'-DDE      | 5.947  | 5.065  | 146.5E6  | 122.8E6  | 53.133   | 50.544     |
| 13)                         | MA Dieldrin     | 6.091  | 5.194  | 155.9E6  | 133.4E6  | 51.820   | 47.258     |
| 14)                         | MA Endrin       | 6.318  | 5.468  | 129.8E6  | 115.4E6  | 48.312   | 45.480     |
| 15)                         | B Endosulfa...  | 6.541  | 5.766  | 132.2E6  | 115.2E6  | 49.988   | 46.565     |
| 16)                         | A 4,4'-DDD      | 6.463  | 5.620  | 123.3E6  | 104.4E6  | 56.734   | 54.258     |
| 17)                         | MA 4,4'-DDT     | 6.775  | 5.868  | 118.6E6  | 99671146 | 47.394   | 44.675     |
| 18)                         | B Endrin al...  | 6.672  | 5.945  | 103.9E6  | 93391449 | 51.679   | 47.228     |
| 19)                         | B Endosulfa...  | 6.906  | 6.168  | 130.4E6  | 118.1E6  | 50.870   | 48.210     |
| 20)                         | A Methoxychlor  | 7.256  | 6.447  | 61559278 | 56477772 | 46.552   | 44.410     |
| 21)                         | B Endrin ke...  | 7.386  | 6.672  | 136.3E6  | 134.1E6  | 53.439   | 49.591     |
| 22)                         | Mirex           | 7.848  | 6.843  | 111.2E6  | 117.3E6  | 53.065   | 50.118     |
| 23)                         | Chlordane-1     | 0.000  | 3.633  | 0        | 99730    | N.D.     | 1.209 #    |
| 24)                         | Chlordane-2     | 5.009f | 4.209f | 182.3E6  | 808140   | 1654.643 | 9.077 #    |
| 25)                         | Chlordane-3     | 5.690  | 4.812  | 170.4E6  | 143.9E6  | 410.588  | 539.985 #  |
| 26)                         | Chlordane-4     | 5.768  | 4.874  | 165.2E6  | 143.6E6  | 326.326  | 509.510 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.766  | 0        | 115.2E6  | N.D.     | 1185.962 # |
| -----                       |                 |        |        |          |          |          |            |

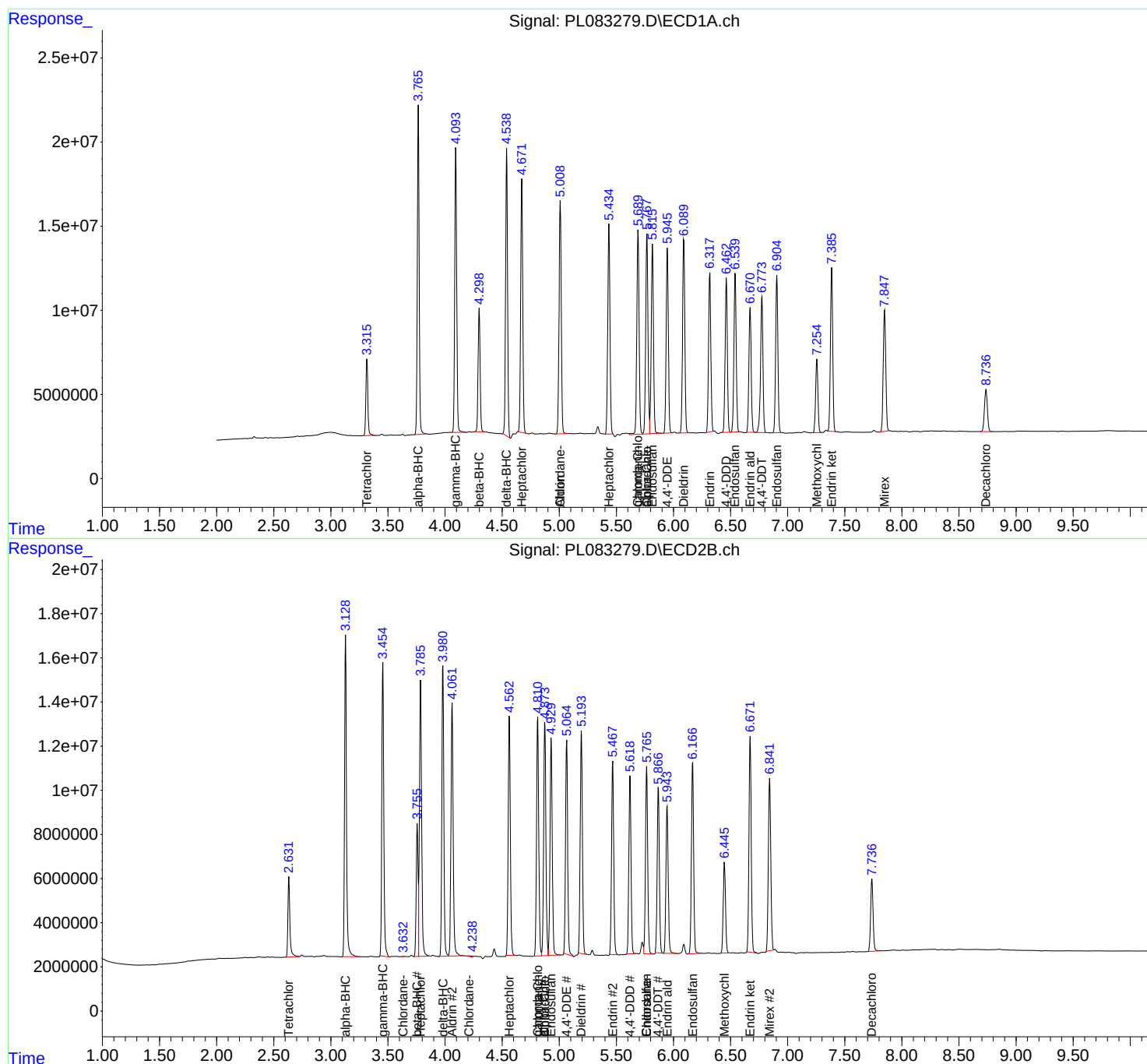
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

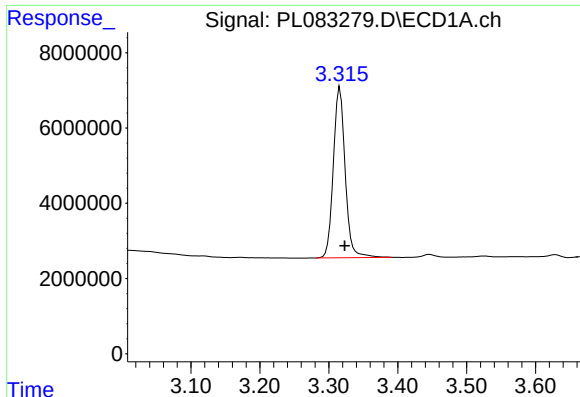
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
Data File : PL083279.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jun 2023 12:18  
Operator : AR\AJ  
Sample : PB153260BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 22:11:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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

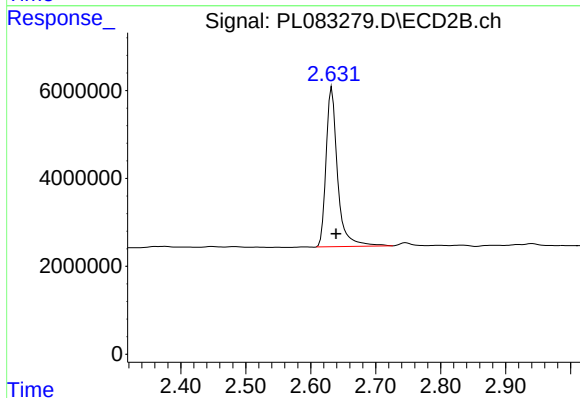




#1 Tetrachloro-m-xylene

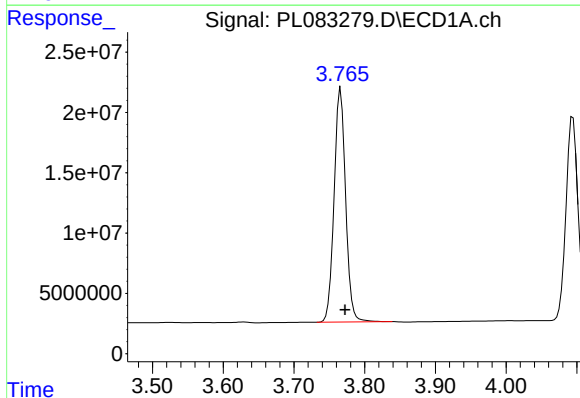
R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 53962154  
Conc: 18.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



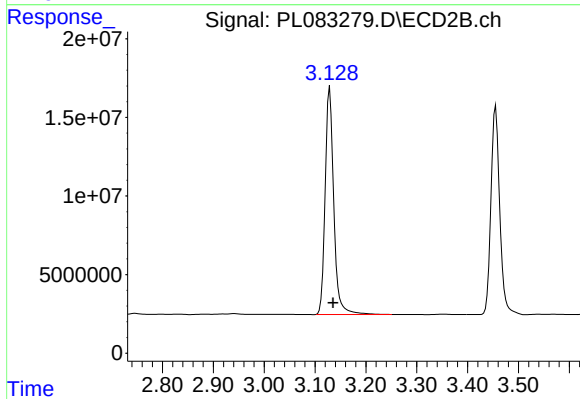
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: -0.006 min  
Response: 44610374  
Conc: 17.18 ng/ml



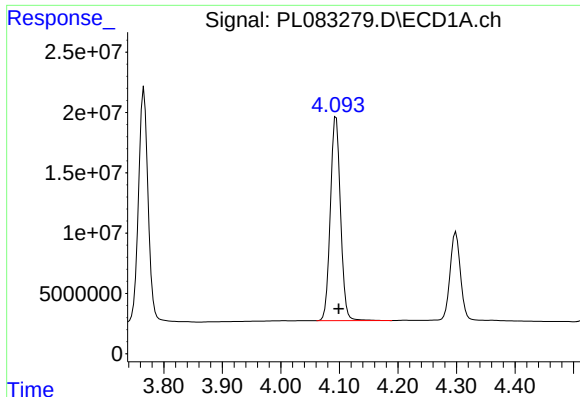
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: -0.006 min  
Response: 219346810  
Conc: 49.41 ng/ml



#2 alpha-BHC

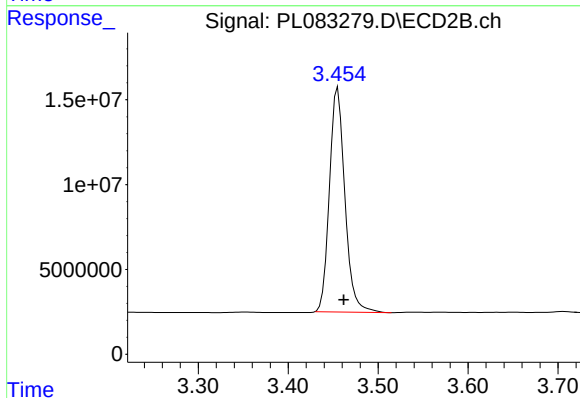
R.T.: 3.129 min  
Delta R.T.: -0.006 min  
Response: 170387672  
Conc: 45.66 ng/ml



#3 gamma-BHC (Lindane)

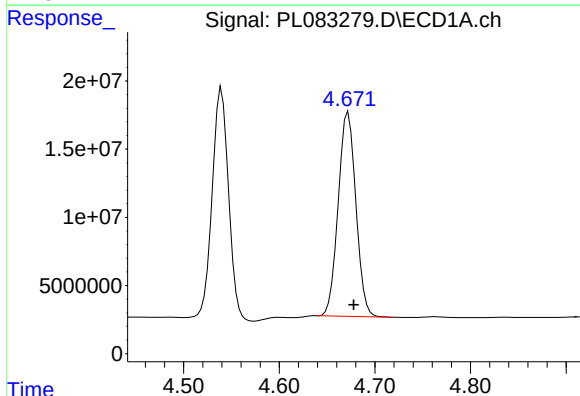
R.T.: 4.094 min  
Delta R.T.: -0.005 min  
Response: 203855740  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



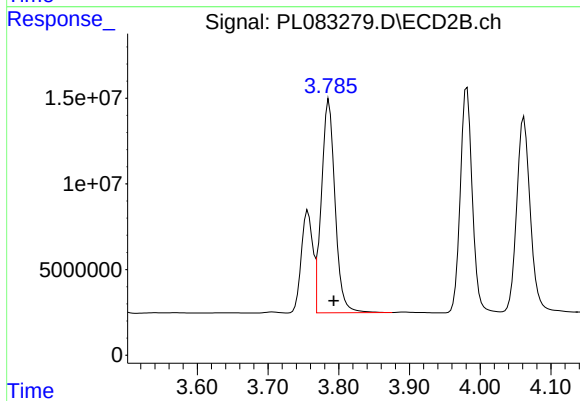
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: -0.007 min  
Response: 158157650  
Conc: 47.45 ng/ml



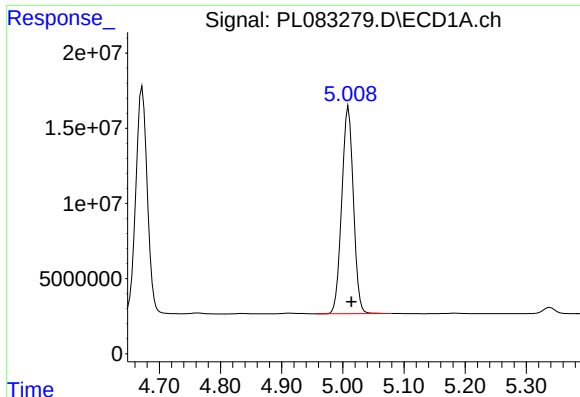
#4 Heptachlor

R.T.: 4.672 min  
Delta R.T.: -0.006 min  
Response: 192670179  
Conc: 50.40 ng/ml



#4 Heptachlor

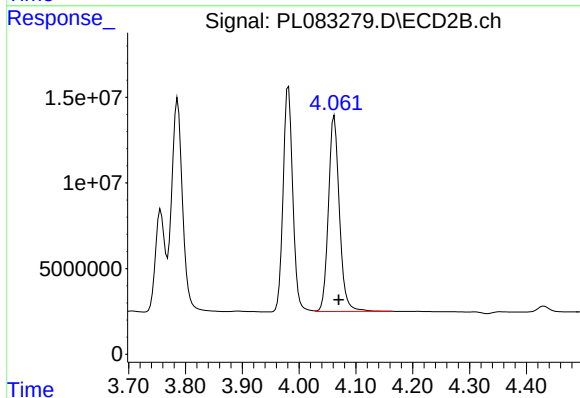
R.T.: 3.786 min  
Delta R.T.: -0.007 min  
Response: 167030194  
Conc: 45.62 ng/ml



#5 Aldrin

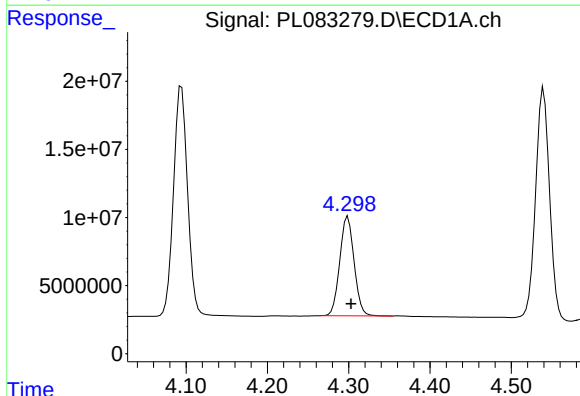
R.T.: 5.009 min  
Delta R.T.: -0.005 min  
Response: 182272328  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



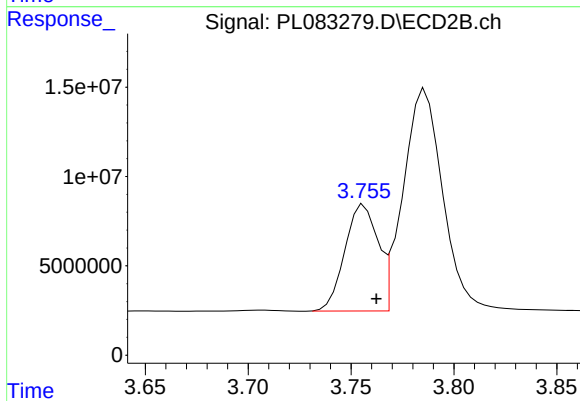
#5 Aldrin

R.T.: 4.062 min  
Delta R.T.: -0.008 min  
Response: 153557615  
Conc: 47.20 ng/ml



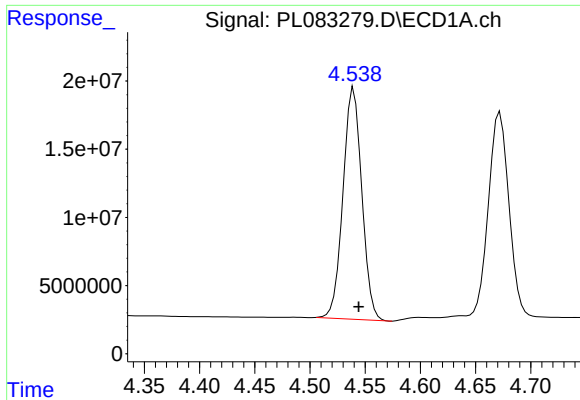
#6 beta-BHC

R.T.: 4.299 min  
Delta R.T.: -0.004 min  
Response: 89141594  
Conc: 47.35 ng/ml



#6 beta-BHC

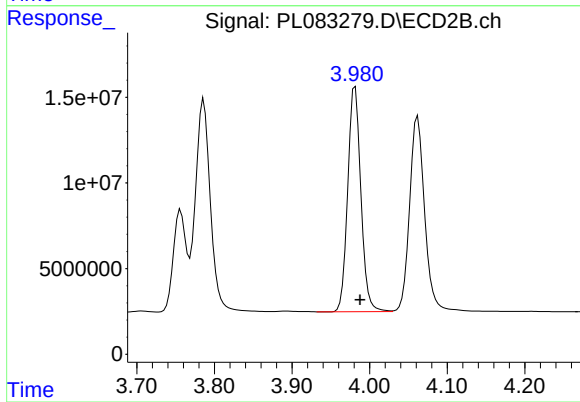
R.T.: 3.756 min  
Delta R.T.: -0.006 min  
Response: 66726103  
Conc: 46.66 ng/ml



#7 delta-BHC

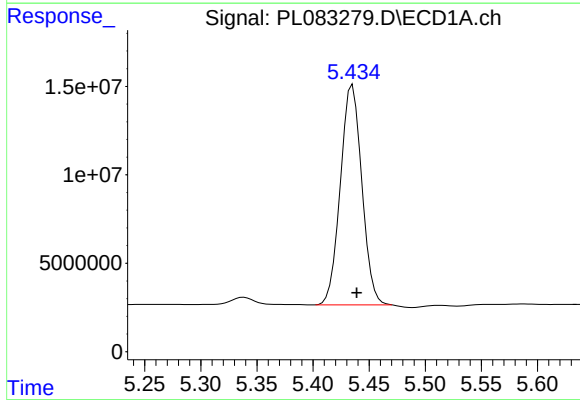
R.T.: 4.540 min  
Delta R.T.: -0.004 min  
Response: 201413839  
Conc: 58.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



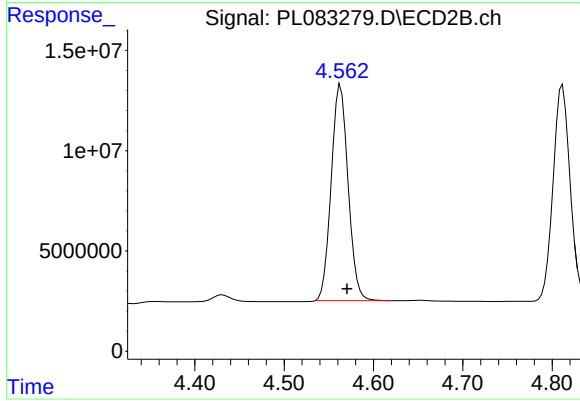
#7 delta-BHC

R.T.: 3.981 min  
Delta R.T.: -0.007 min  
Response: 154506314  
Conc: 47.16 ng/ml



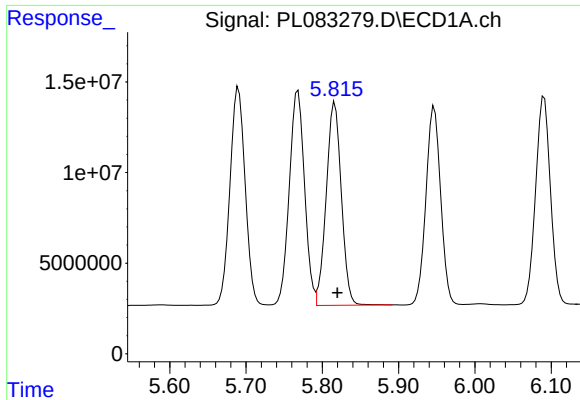
#8 Heptachlor epoxide

R.T.: 5.435 min  
Delta R.T.: -0.004 min  
Response: 165618874  
Conc: 51.78 ng/ml



#8 Heptachlor epoxide

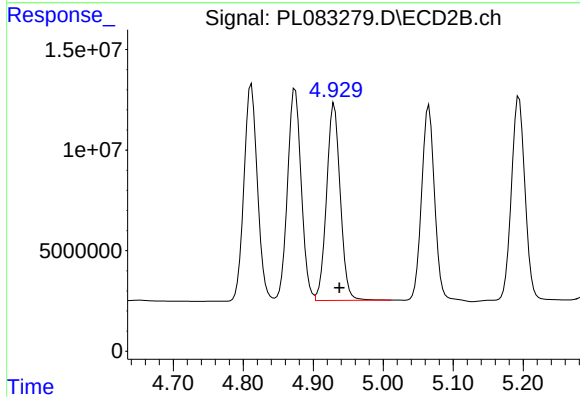
R.T.: 4.563 min  
Delta R.T.: -0.007 min  
Response: 141537131  
Conc: 47.69 ng/ml



#9 Endosulfan I

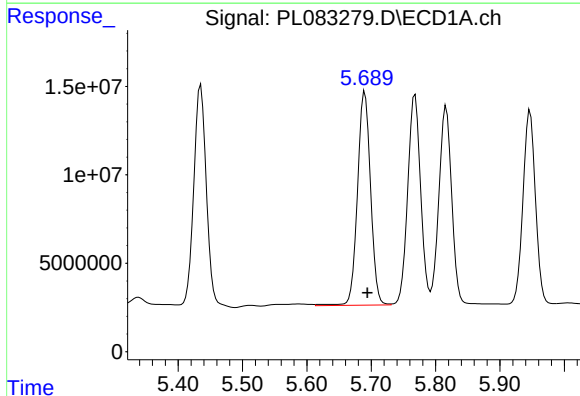
R.T.: 5.817 min  
Delta R.T.: -0.003 min  
Response: 154339110  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



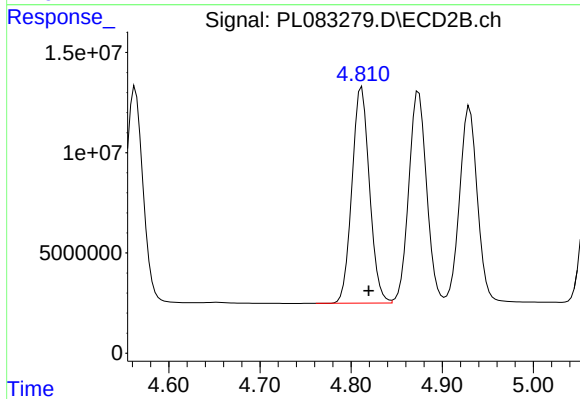
#9 Endosulfan I

R.T.: 4.930 min  
Delta R.T.: -0.007 min  
Response: 133277715  
Conc: 47.70 ng/ml



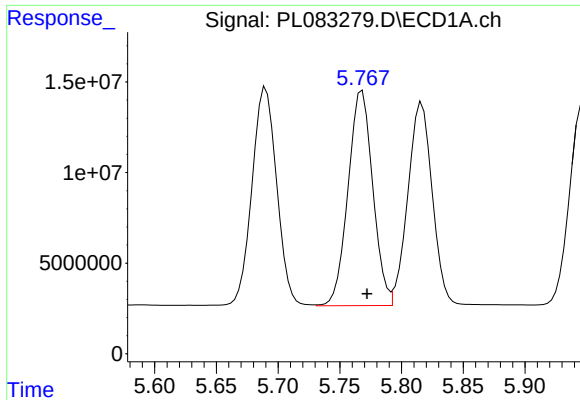
#10 gamma-Chlordane

R.T.: 5.690 min  
Delta R.T.: -0.004 min  
Response: 170354167  
Conc: 53.62 ng/ml



#10 gamma-Chlordane

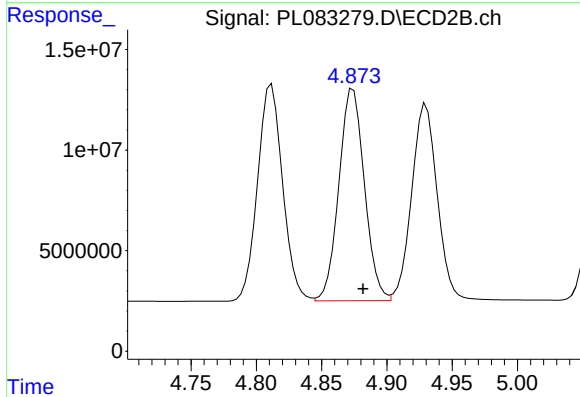
R.T.: 4.812 min  
Delta R.T.: -0.007 min  
Response: 143908649  
Conc: 47.92 ng/ml



#11 alpha-Chlordane

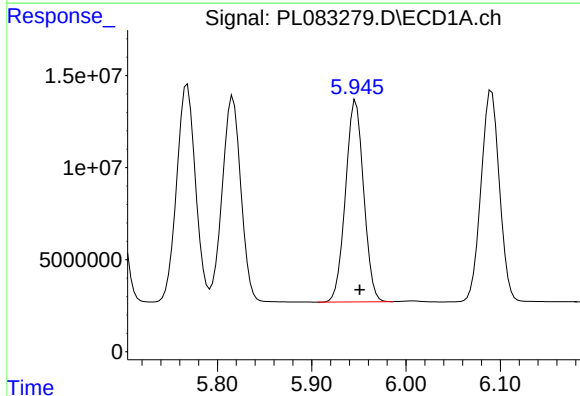
R.T.: 5.768 min  
Delta R.T.: -0.004 min  
Response: 165243807  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



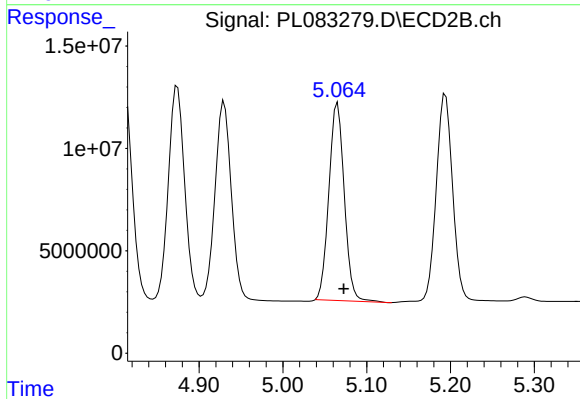
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.008 min  
Response: 143555072  
Conc: 47.82 ng/ml



#12 4,4'-DDE

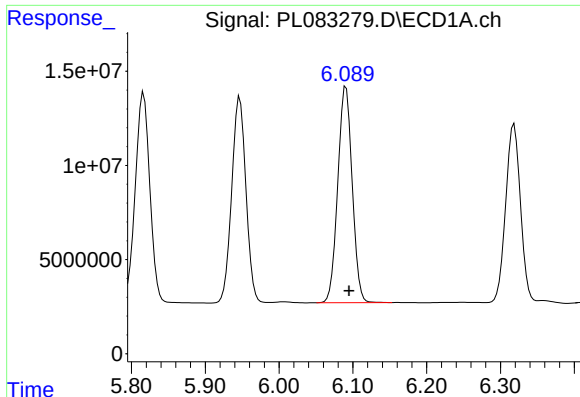
R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 146461470  
Conc: 53.13 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min  
Delta R.T.: -0.007 min  
Response: 122759501  
Conc: 50.54 ng/ml

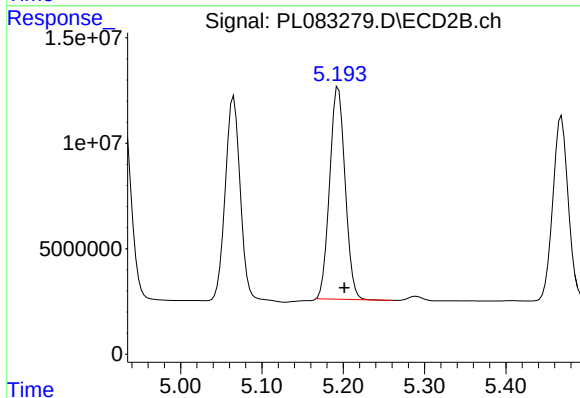




#13 Dieldrin

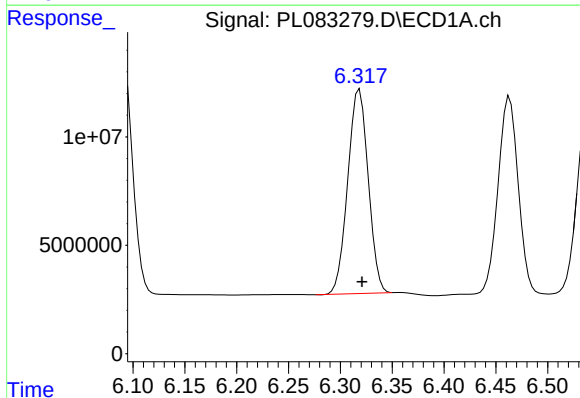
R.T.: 6.091 min  
Delta R.T.: -0.004 min  
Response: 155865257  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



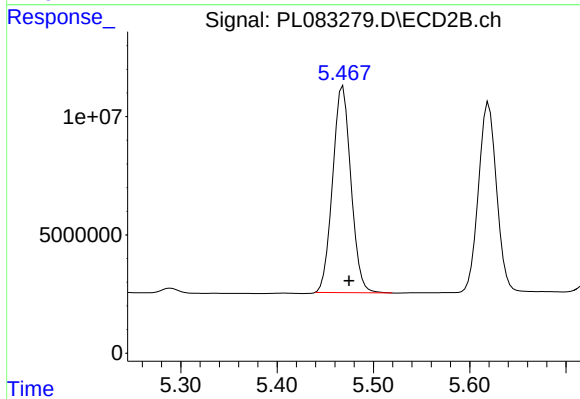
#13 Dieldrin

R.T.: 5.194 min  
Delta R.T.: -0.007 min  
Response: 133406730  
Conc: 47.26 ng/ml



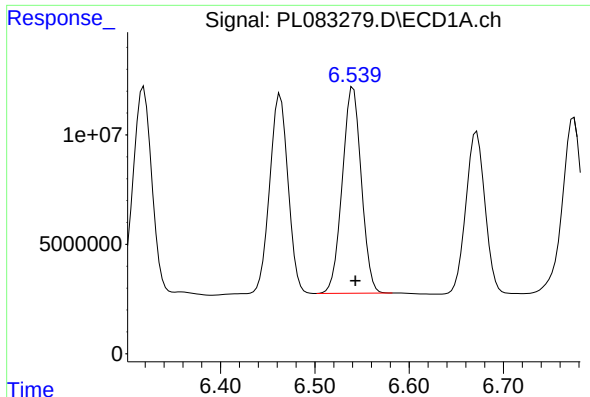
#14 Endrin

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 129826506  
Conc: 48.31 ng/ml



#14 Endrin

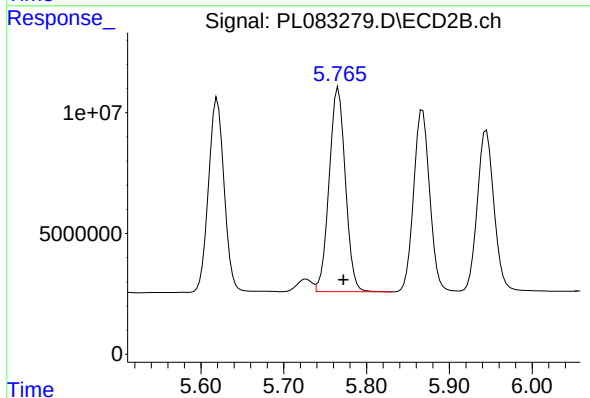
R.T.: 5.468 min  
Delta R.T.: -0.007 min  
Response: 115379613  
Conc: 45.48 ng/ml



#15 Endosulfan II

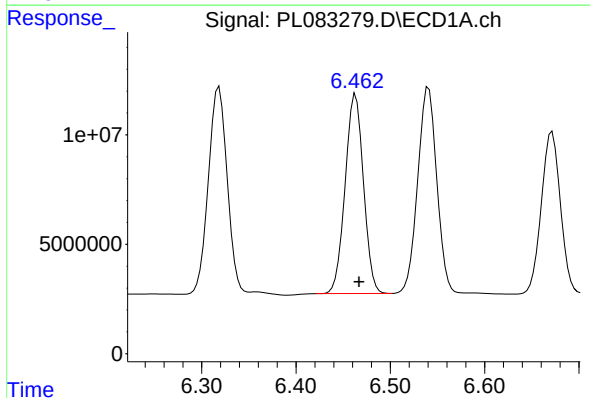
R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 132190665  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



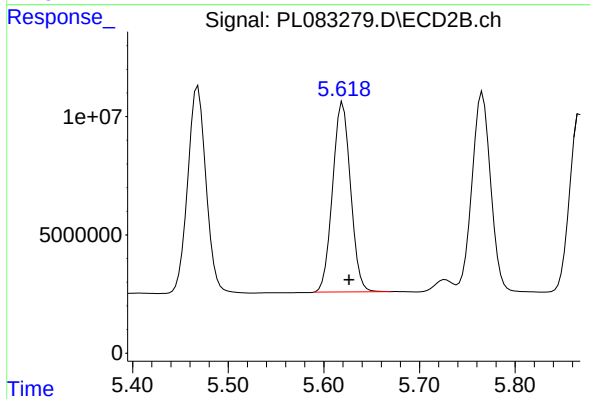
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: -0.006 min  
Response: 115211757  
Conc: 46.57 ng/ml



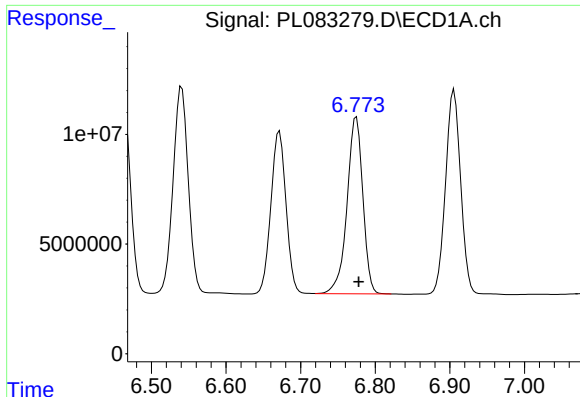
#16 4,4'-DDD

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 123287174  
Conc: 56.73 ng/ml



#16 4,4'-DDD

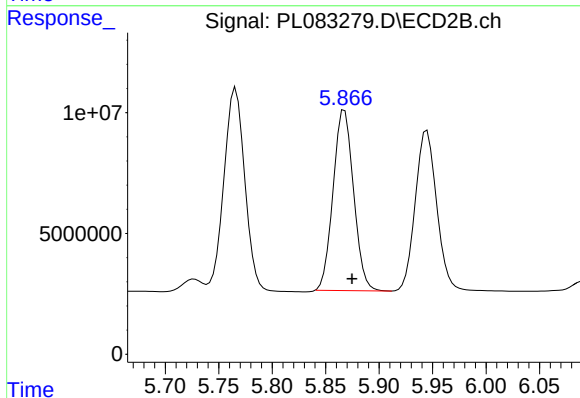
R.T.: 5.620 min  
Delta R.T.: -0.006 min  
Response: 104350188  
Conc: 54.26 ng/ml



#17 4,4'-DDT

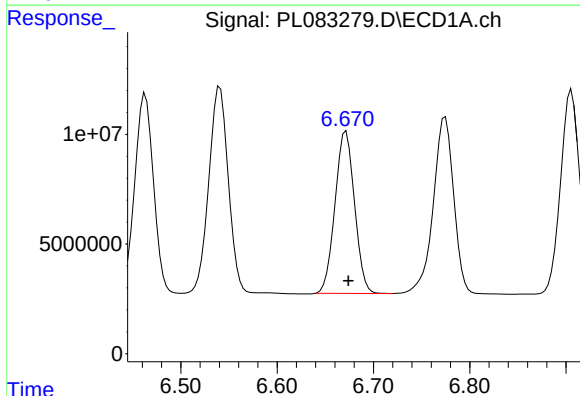
R.T.: 6.775 min  
Delta R.T.: -0.003 min  
Response: 118635124  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



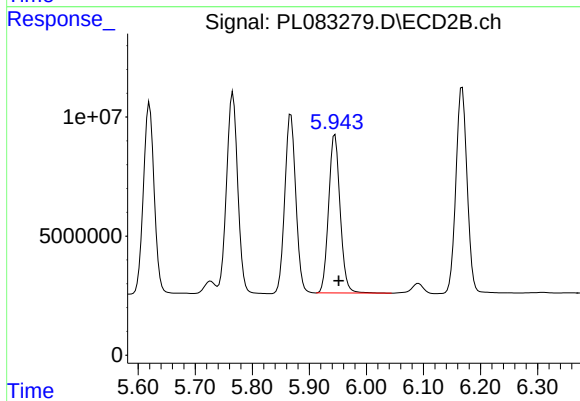
#17 4,4'-DDT

R.T.: 5.868 min  
Delta R.T.: -0.007 min  
Response: 99671146  
Conc: 44.68 ng/ml



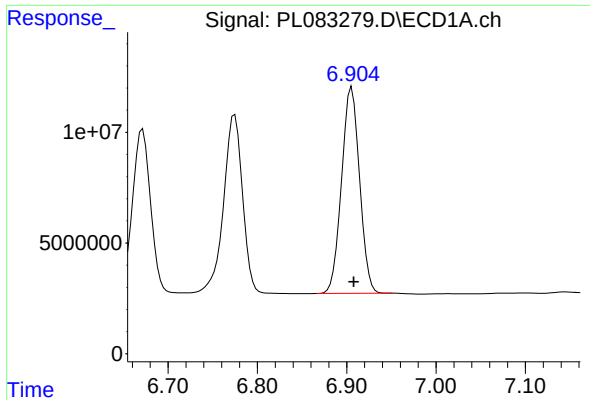
#18 Endrin aldehyde

R.T.: 6.672 min  
Delta R.T.: -0.002 min  
Response: 103907527  
Conc: 51.68 ng/ml



#18 Endrin aldehyde

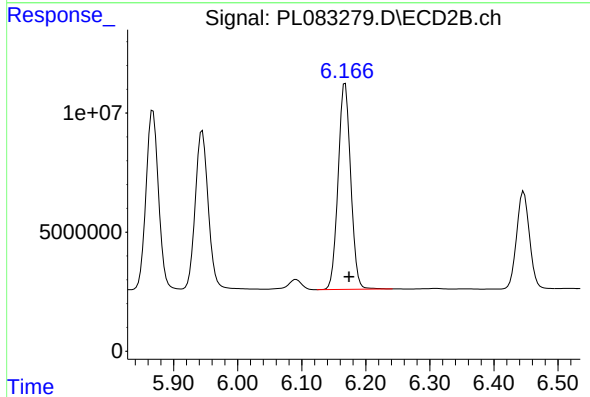
R.T.: 5.945 min  
Delta R.T.: -0.007 min  
Response: 93391449  
Conc: 47.23 ng/ml



#19 Endosulfan Sulfate

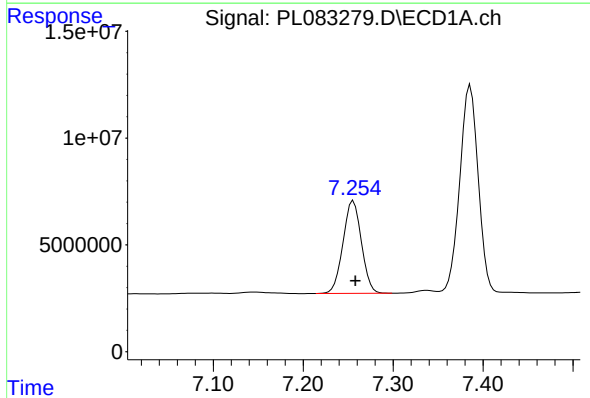
R.T.: 6.906 min  
Delta R.T.: -0.002 min  
Response: 130416075  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



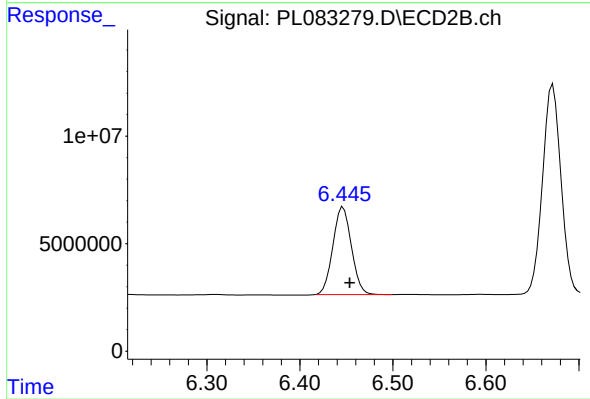
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: -0.006 min  
Response: 118066049  
Conc: 48.21 ng/ml



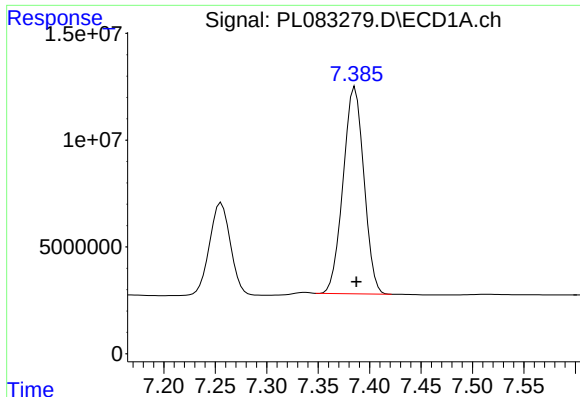
#20 Methoxychlor

R.T.: 7.256 min  
Delta R.T.: -0.002 min  
Response: 61559278  
Conc: 46.55 ng/ml



#20 Methoxychlor

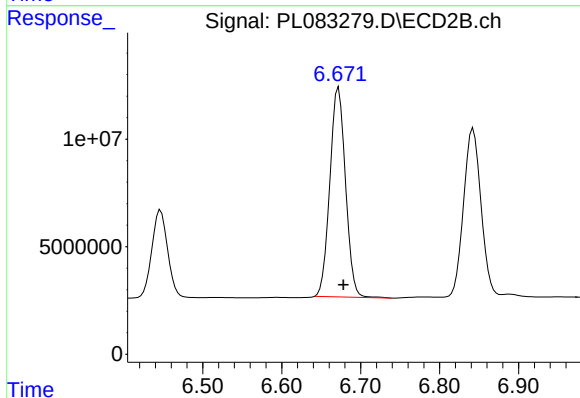
R.T.: 6.447 min  
Delta R.T.: -0.007 min  
Response: 56477772  
Conc: 44.41 ng/ml



#21 Endrin ketone

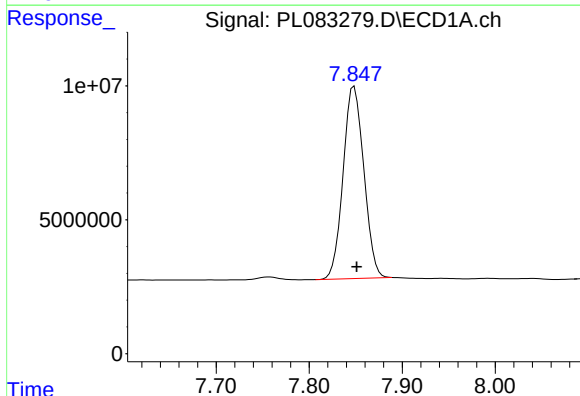
R.T.: 7.386 min  
Delta R.T.: -0.001 min  
Response: 136311541  
Conc: 53.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



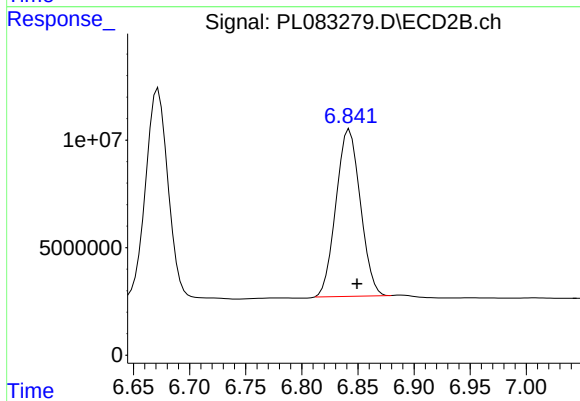
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: -0.006 min  
Response: 134086337  
Conc: 49.59 ng/ml



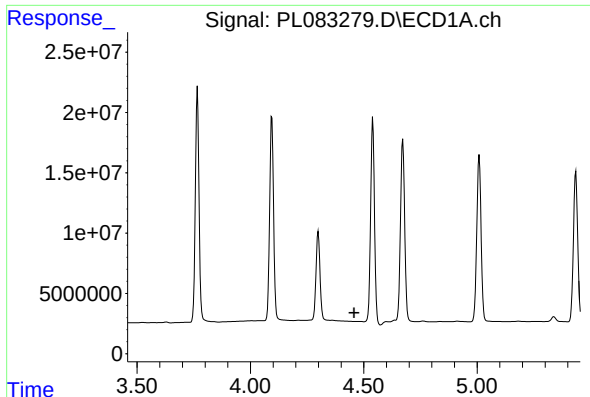
#22 Mirex

R.T.: 7.848 min  
Delta R.T.: -0.003 min  
Response: 111225356  
Conc: 53.06 ng/ml



#22 Mirex

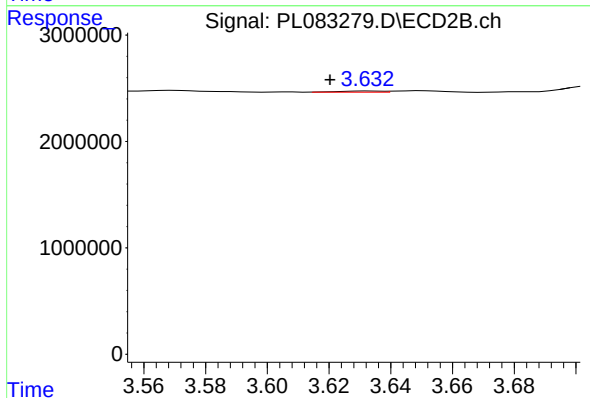
R.T.: 6.843 min  
Delta R.T.: -0.007 min  
Response: 117266834  
Conc: 50.12 ng/ml



#23 Chlordane-1

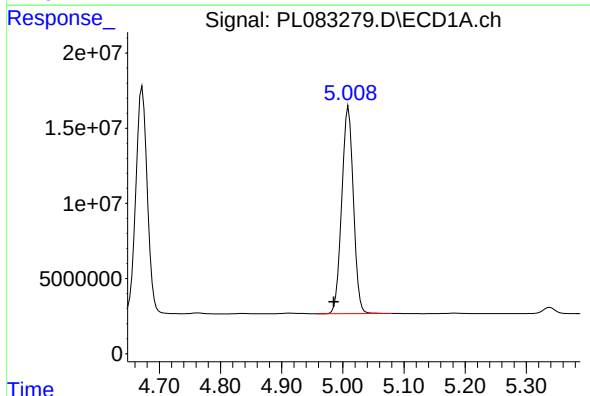
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



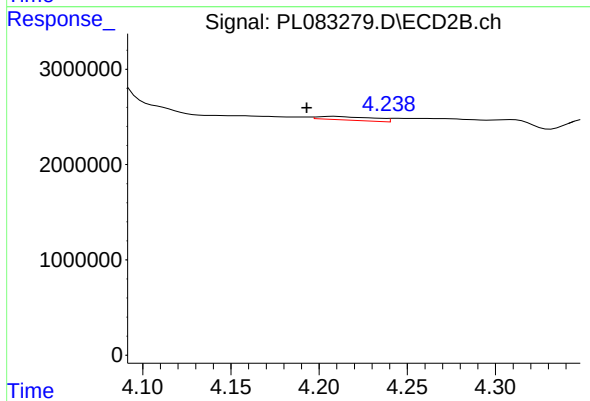
#23 Chlordane-1

R.T.: 3.633 min  
Delta R.T.: 0.013 min  
Response: 99730  
Conc: 1.21 ng/ml



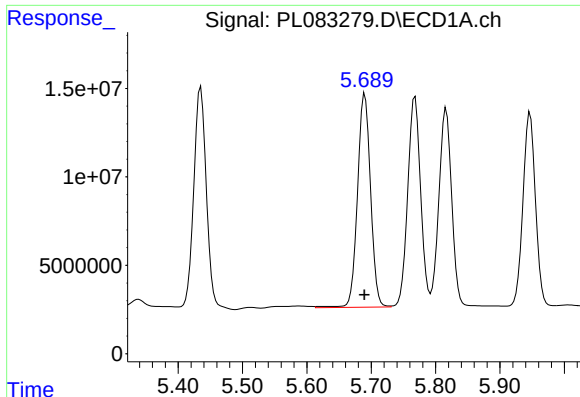
#24 Chlordane-2

R.T.: 5.009 min  
Delta R.T.: 0.024 min  
Response: 182272328  
Conc: 1654.64 ng/ml



#24 Chlordane-2

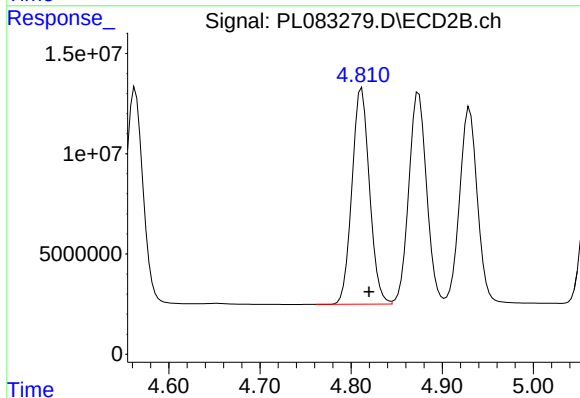
R.T.: 4.209 min  
Delta R.T.: 0.016 min  
Response: 808140  
Conc: 9.08 ng/ml



#25 Chlordane-3

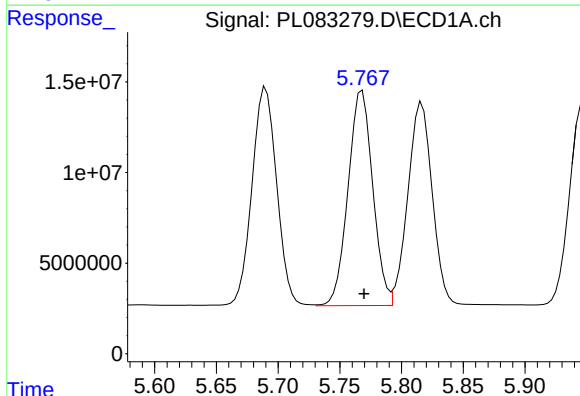
R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 170354167  
Conc: 410.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



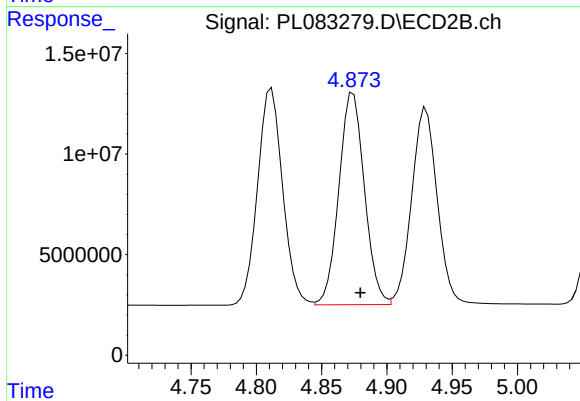
#25 Chlordane-3

R.T.: 4.812 min  
Delta R.T.: -0.008 min  
Response: 143908649  
Conc: 539.99 ng/ml



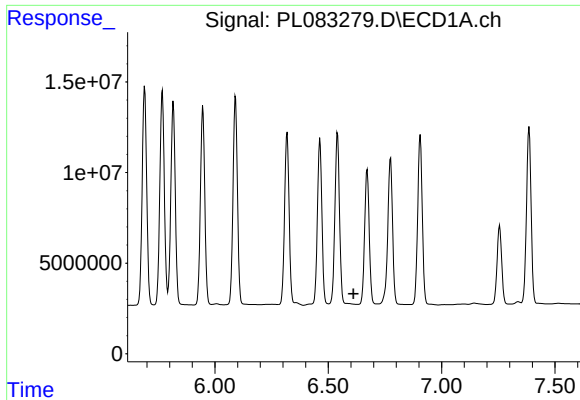
#26 Chlordane-4

R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 165243807  
Conc: 326.33 ng/ml



#26 Chlordane-4

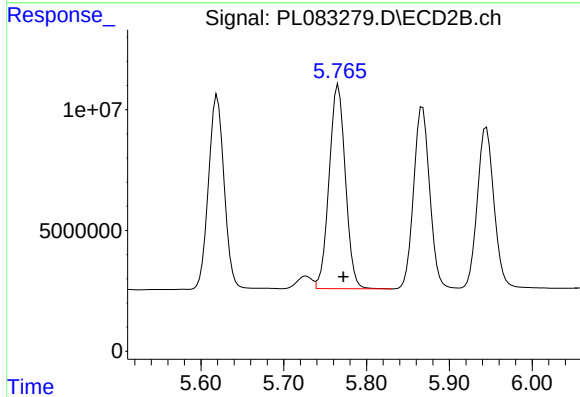
R.T.: 4.874 min  
Delta R.T.: -0.006 min  
Response: 143555072  
Conc: 509.51 ng/ml



#27 Chlordane-5

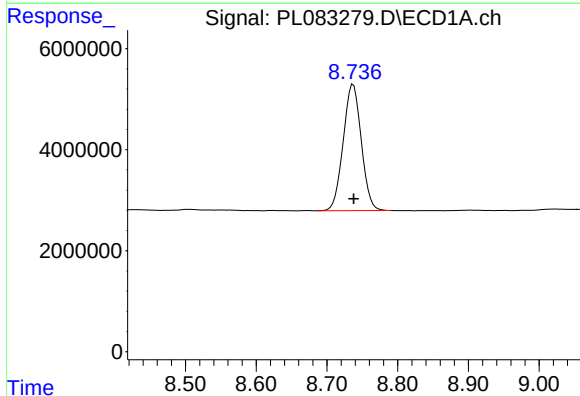
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



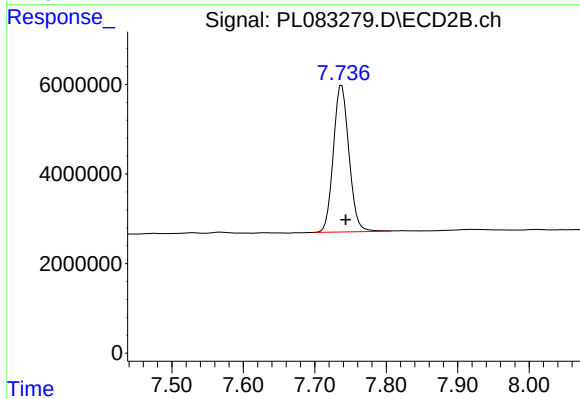
#27 Chlordane-5

R.T.: 5.766 min  
Delta R.T.: -0.006 min  
Response: 115211757  
Conc: 1185.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.737 min  
Delta R.T.: 0.000 min  
Response: 44445458  
Conc: 21.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.738 min  
Delta R.T.: -0.006 min  
Response: 49714431  
Conc: 19.99 ng/ml