

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
 Data File : PL081510.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2023 17:09  
 Operator : AR\AJ  
 Sample : PB151474BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 21:58:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.331  | 2.661 | 45627546 | 42522147 | 21.118   | 21.011    |
| 28)                         | SA Decachlor... | 8.754  | 7.782 | 35806467 | 45782136 | 23.487   | 23.900    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.780  | 3.161 | 141.3E6  | 130.1E6  | 44.421   | 44.386    |
| 3)                          | MA gamma-BHC... | 4.109  | 3.489 | 134.0E6  | 123.7E6  | 45.282   | 44.969    |
| 4)                          | MA Heptachlor   | 4.688  | 3.823 | 126.9E6  | 126.4E6  | 45.972   | 45.804    |
| 5)                          | MB Aldrin       | 5.025  | 4.100 | 119.3E6  | 118.1E6  | 46.874   | 45.063    |
| 6)                          | B beta-BHC      | 4.311  | 3.788 | 60572471 | 51747355 | 44.005   | 44.586    |
| 7)                          | B delta-BHC     | 4.553  | 4.015 | 126.1E6  | 114.3E6  | 45.366   | 44.889    |
| 8)                          | B Heptachlo...  | 5.451  | 4.602 | 111.1E6  | 111.7E6  | 47.079   | 46.206    |
| 9)                          | A Endosulfan I  | 5.832  | 4.970 | 100.7E6  | 104.0E6  | 47.650   | 45.964    |
| 10)                         | B gamma-Chl...  | 5.706  | 4.851 | 111.7E6  | 112.9E6  | 48.949   | 46.116    |
| 11)                         | B alpha-Chl...  | 5.785  | 4.915 | 108.1E6  | 112.4E6  | 47.970   | 45.899    |
| 12)                         | B 4,4'-DDE      | 5.962  | 5.105 | 93570453 | 90902714 | 47.823   | 46.311    |
| 13)                         | MA Dieldrin     | 6.107  | 5.234 | 97862673 | 105.7E6  | 46.757   | 46.895    |
| 14)                         | MA Endrin       | 6.334  | 5.509 | 82807190 | 89509387 | 45.562   | 44.540    |
| 15)                         | B Endosulfa...  | 6.556  | 5.805 | 83308821 | 86153180 | 47.783   | 46.728    |
| 16)                         | A 4,4'-DDD      | 6.477  | 5.660 | 75748523 | 76487069 | 49.207   | 49.858    |
| 17)                         | MA 4,4'-DDT     | 6.789  | 5.909 | 76333558 | 78212472 | 48.090   | 48.751    |
| 18)                         | B Endrin al...  | 6.686  | 5.986 | 7872493  | 72040781 | 5.500    | 47.550 #  |
| 19)                         | B Endosulfa...  | 6.920  | 6.208 | 85410904 | 81874789 | 47.569   | 42.598    |
| 20)                         | A Methoxychlor  | 7.270  | 6.489 | 40031641 | 38655159 | 46.475   | 41.650    |
| 21)                         | B Endrin ke...  | 7.400  | 6.714 | 90199912 | 98965045 | 49.724   | 45.964    |
| 22)                         | Mirex           | 7.865  | 6.886 | 70008591 | 87563391 | 47.980   | 45.496    |
| 24)                         | Chlordane-2     | 5.025f | 4.242 | 119.3E6  | 329139   | 1191.593 | 3.215 #   |
| 25)                         | Chlordane-3     | 5.706  | 4.851 | 111.7E6  | 112.9E6  | 305.367  | 417.670 # |
| 26)                         | Chlordane-4     | 5.785  | 4.915 | 108.1E6  | 112.4E6  | 245.882  | 400.182 # |
| 27)                         | Chlordane-5     | 6.609f | 5.580 | 227933   | 195879   | 3.024    | 2.835     |
| -----                       |                 |        |       |          |          |          |           |

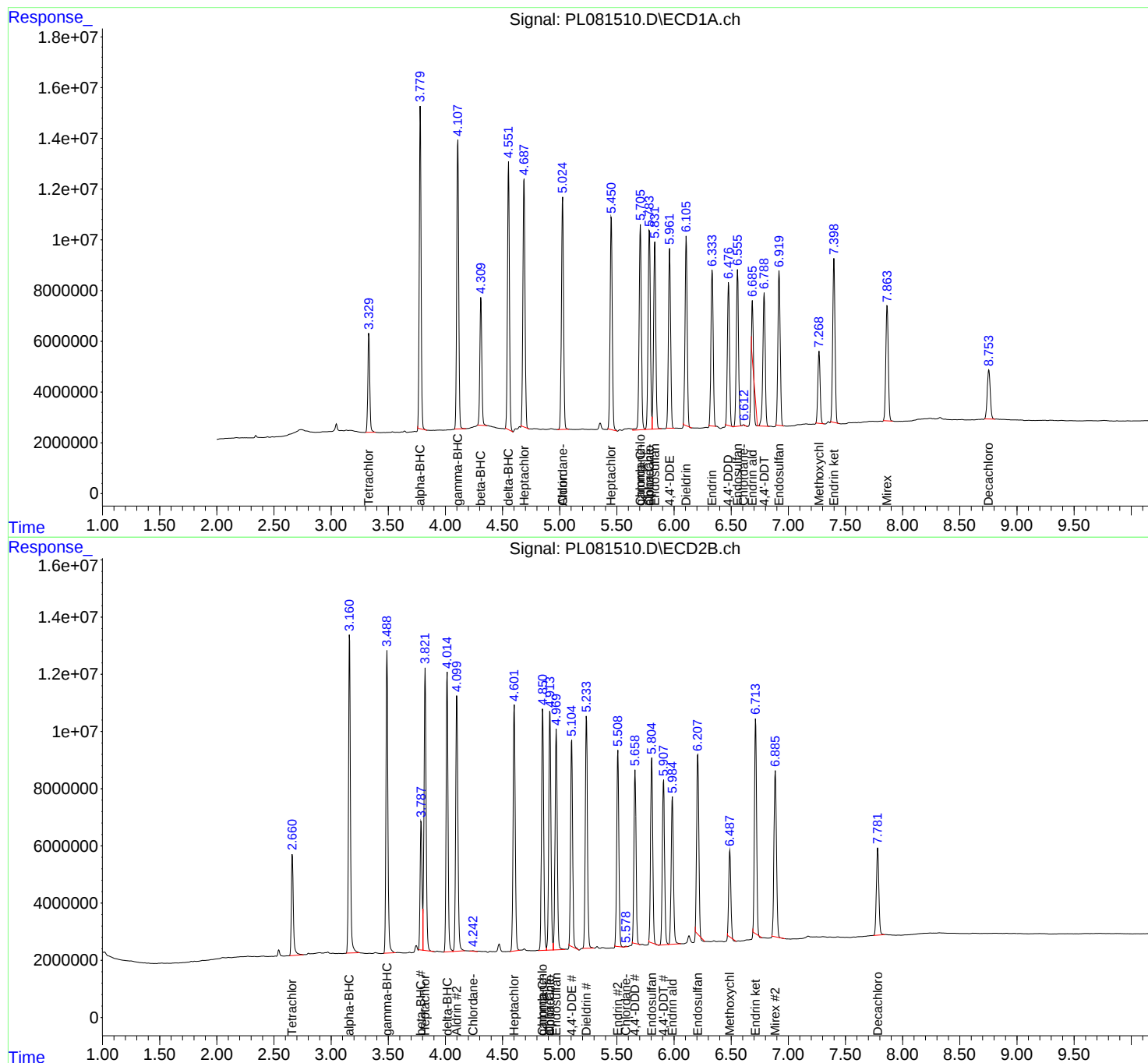
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

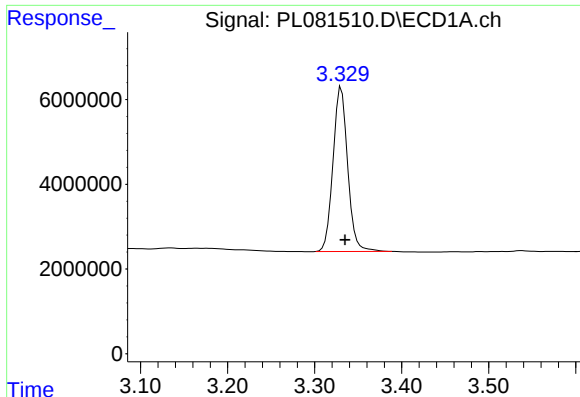
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
Data File : PL081510.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2023 17:09  
Operator : AR\AJ  
Sample : PB151474BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 21:58:59 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 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

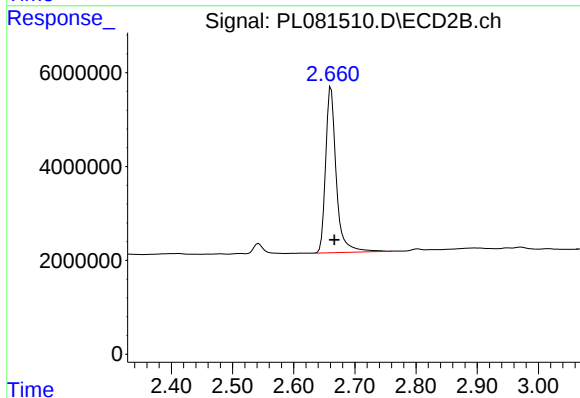




#1 Tetrachloro-m-xylene

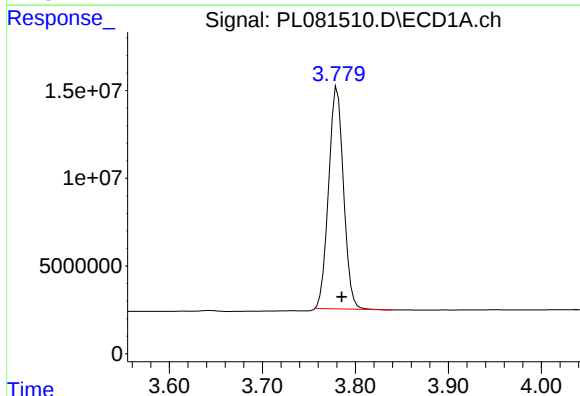
R.T.: 3.331 min  
Delta R.T.: -0.004 min  
Response: 45627546  
Conc: 21.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



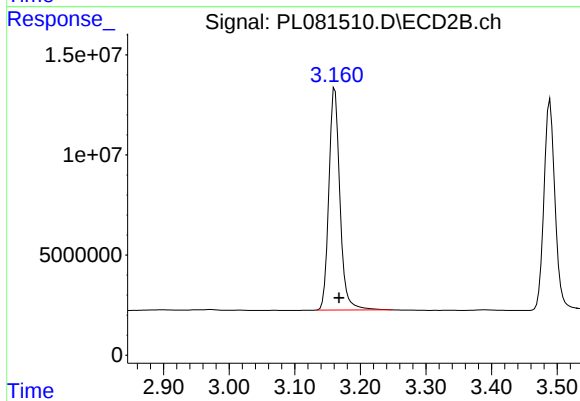
#1 Tetrachloro-m-xylene

R.T.: 2.661 min  
Delta R.T.: -0.005 min  
Response: 42522147  
Conc: 21.01 ng/ml



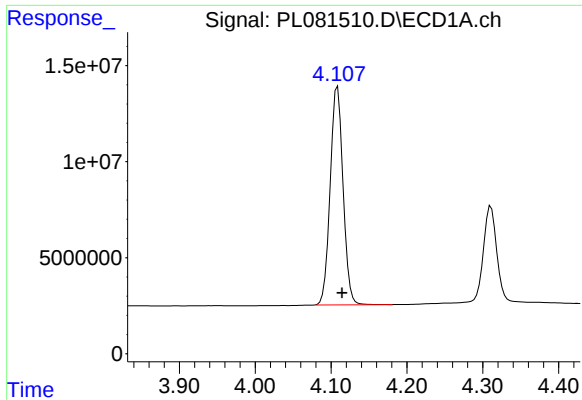
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: -0.005 min  
Response: 141315711  
Conc: 44.42 ng/ml



#2 alpha-BHC

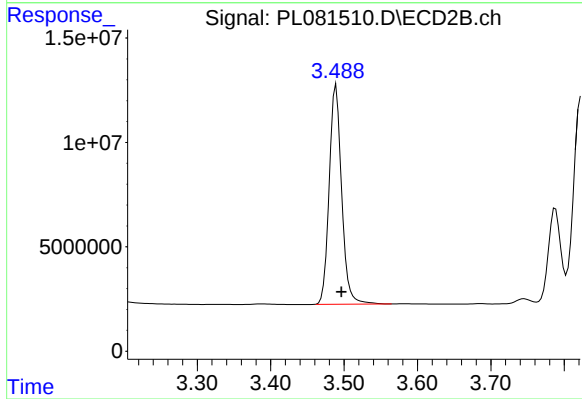
R.T.: 3.161 min  
Delta R.T.: -0.006 min  
Response: 130079540  
Conc: 44.39 ng/ml



#3 gamma-BHC (Lindane)

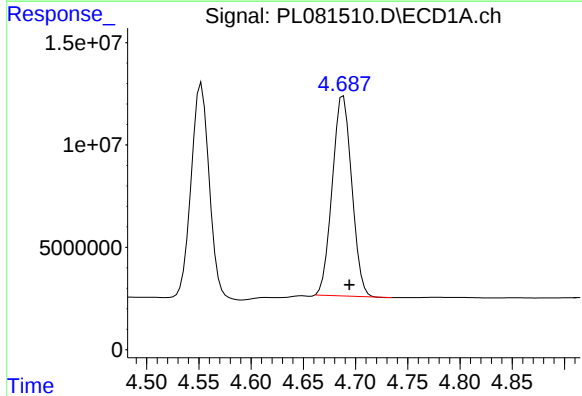
R.T.: 4.109 min  
Delta R.T.: -0.006 min  
Response: 133970770  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



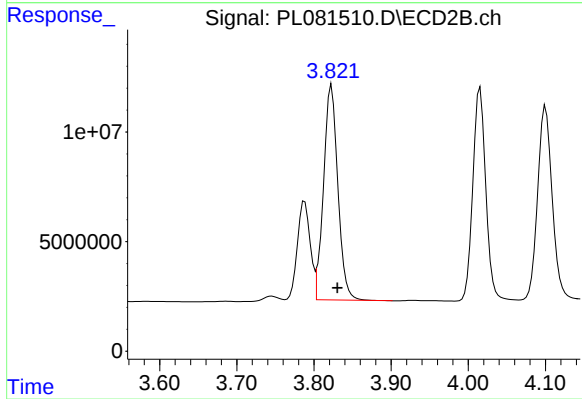
#3 gamma-BHC (Lindane)

R.T.: 3.489 min  
Delta R.T.: -0.007 min  
Response: 123711892  
Conc: 44.97 ng/ml



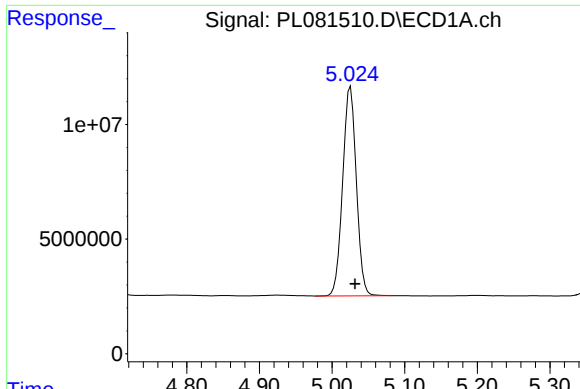
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: -0.006 min  
Response: 126854752  
Conc: 45.97 ng/ml



#4 Heptachlor

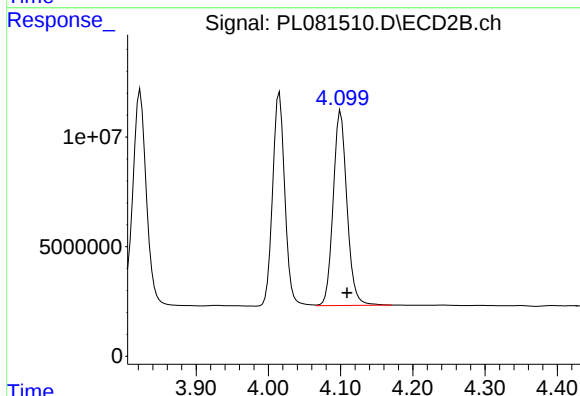
R.T.: 3.823 min  
Delta R.T.: -0.008 min  
Response: 126396674  
Conc: 45.80 ng/ml



#5 Aldrin

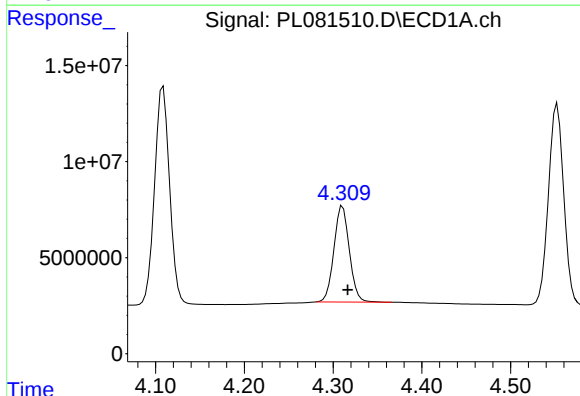
R.T.: 5.025 min  
Delta R.T.: -0.006 min  
Response: 119254471  
Conc: 46.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



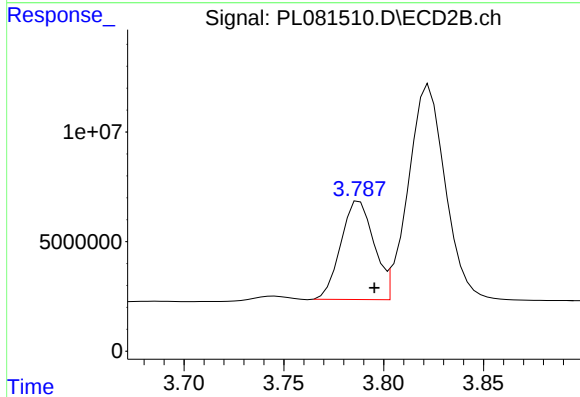
#5 Aldrin

R.T.: 4.100 min  
Delta R.T.: -0.009 min  
Response: 118144129  
Conc: 45.06 ng/ml



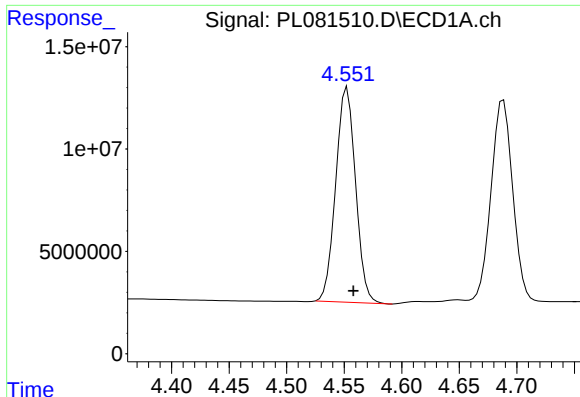
#6 beta-BHC

R.T.: 4.311 min  
Delta R.T.: -0.006 min  
Response: 60572471  
Conc: 44.01 ng/ml



#6 beta-BHC

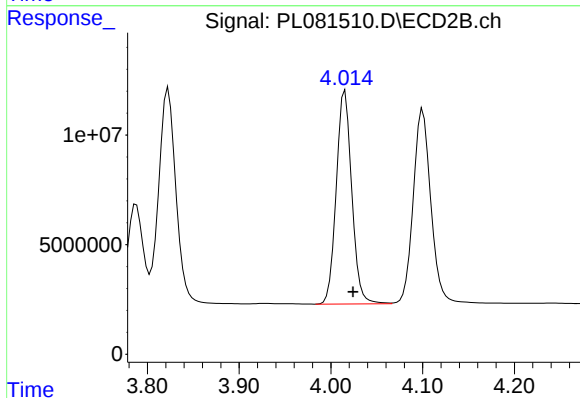
R.T.: 3.788 min  
Delta R.T.: -0.007 min  
Response: 51747355  
Conc: 44.59 ng/ml



#7 delta-BHC

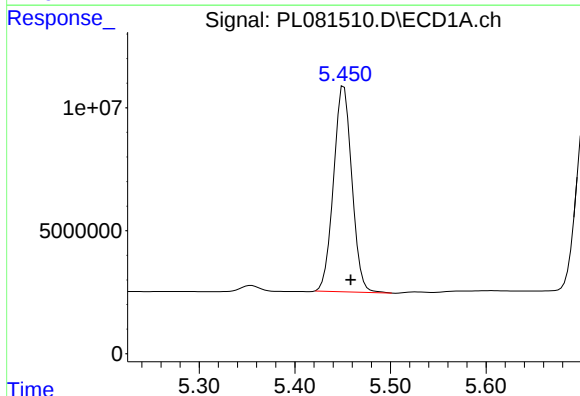
R.T.: 4.553 min  
Delta R.T.: -0.006 min  
Response: 126080525  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



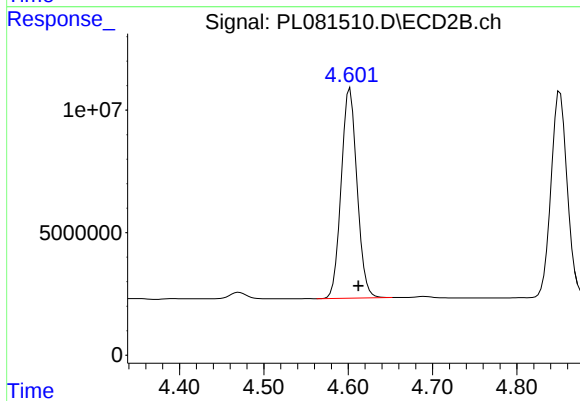
#7 delta-BHC

R.T.: 4.015 min  
Delta R.T.: -0.009 min  
Response: 114316080  
Conc: 44.89 ng/ml



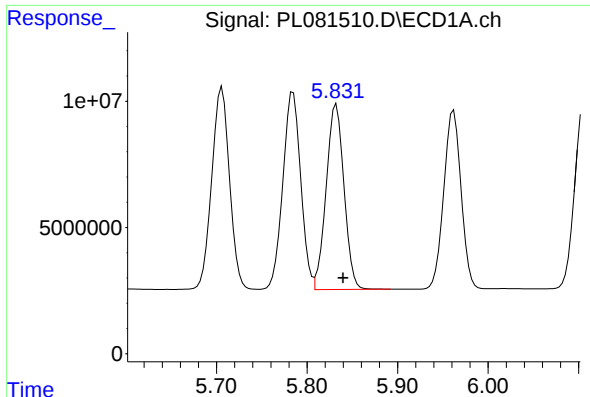
#8 Heptachlor epoxide

R.T.: 5.451 min  
Delta R.T.: -0.007 min  
Response: 111106534  
Conc: 47.08 ng/ml



#8 Heptachlor epoxide

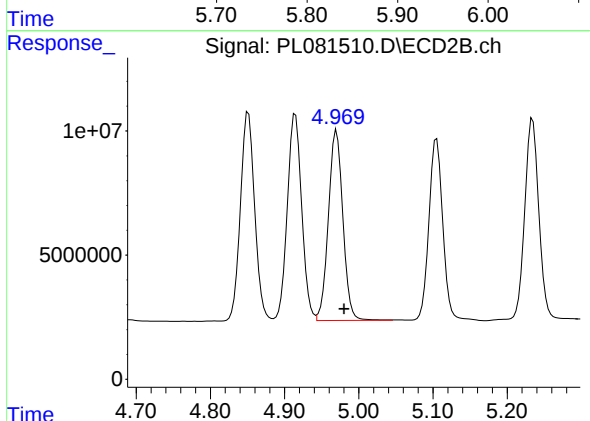
R.T.: 4.602 min  
Delta R.T.: -0.010 min  
Response: 111729743  
Conc: 46.21 ng/ml



#9 Endosulfan I

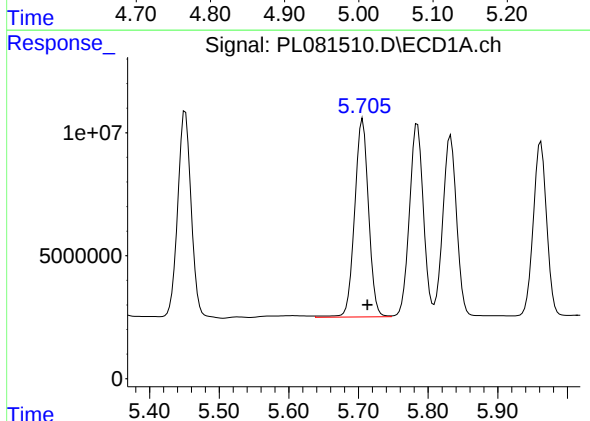
R.T.: 5.832 min  
Delta R.T.: -0.007 min  
Response: 100671376  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



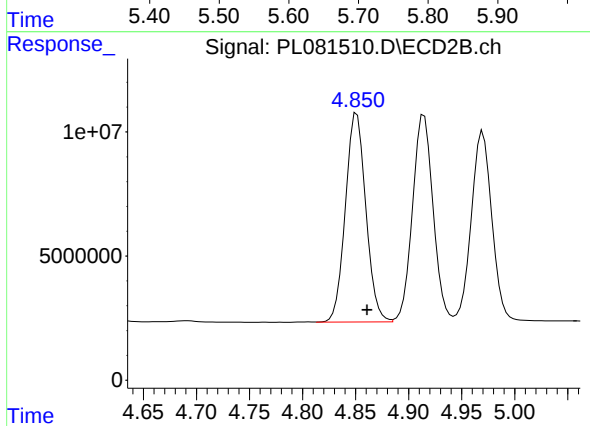
#9 Endosulfan I

R.T.: 4.970 min  
Delta R.T.: -0.010 min  
Response: 104047376  
Conc: 45.96 ng/ml



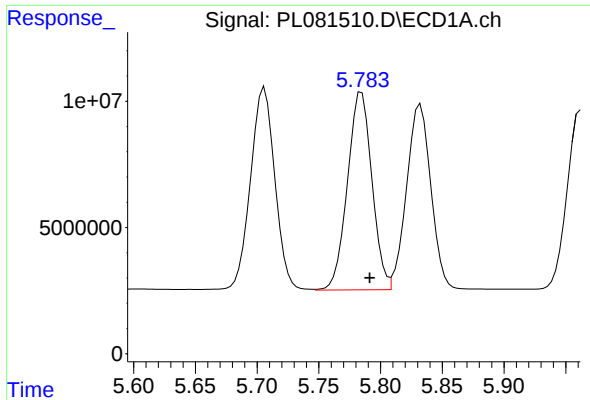
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: -0.007 min  
Response: 111696229  
Conc: 48.95 ng/ml



#10 gamma-Chlordane

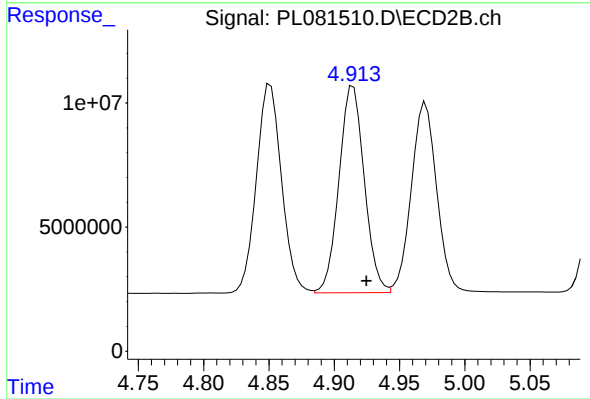
R.T.: 4.851 min  
Delta R.T.: -0.010 min  
Response: 112879916  
Conc: 46.12 ng/ml



#11 alpha-Chlordane

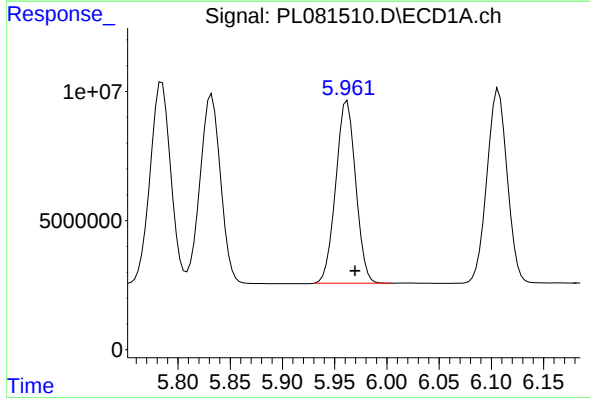
R.T.: 5.785 min  
Delta R.T.: -0.007 min  
Response: 108073186  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



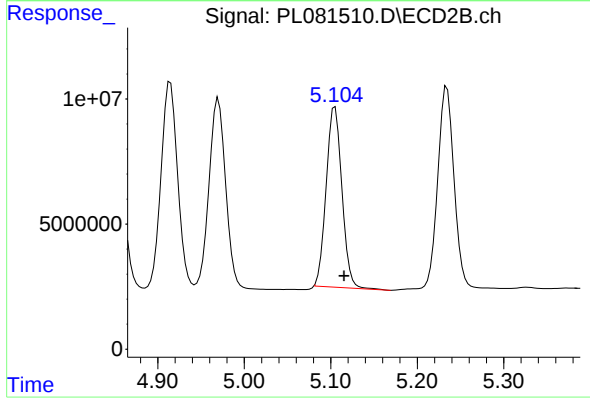
#11 alpha-Chlordane

R.T.: 4.915 min  
Delta R.T.: -0.010 min  
Response: 112386735  
Conc: 45.90 ng/ml



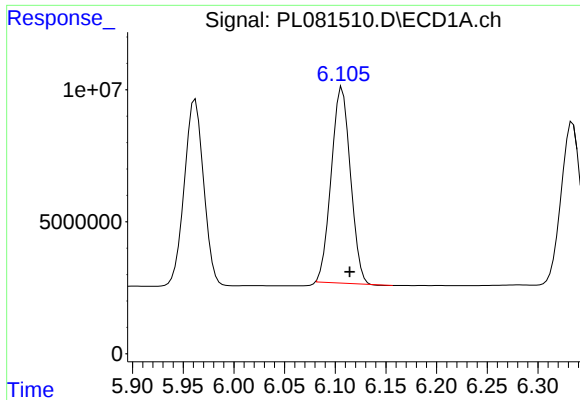
#12 4,4'-DDE

R.T.: 5.962 min  
Delta R.T.: -0.008 min  
Response: 93570453  
Conc: 47.82 ng/ml



#12 4,4'-DDE

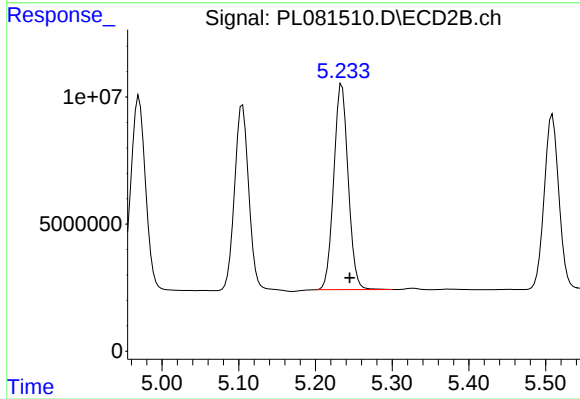
R.T.: 5.105 min  
Delta R.T.: -0.010 min  
Response: 90902714  
Conc: 46.31 ng/ml



#13 Dieldrin

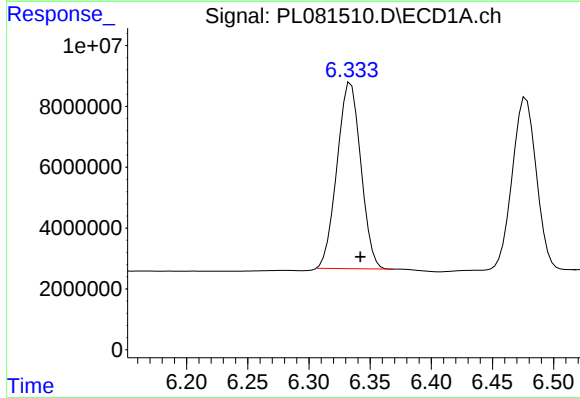
R.T.: 6.107 min  
Delta R.T.: -0.007 min  
Response: 97862673  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



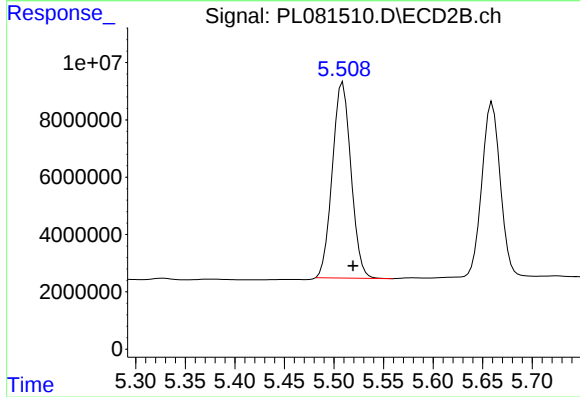
#13 Dieldrin

R.T.: 5.234 min  
Delta R.T.: -0.011 min  
Response: 105718755  
Conc: 46.90 ng/ml



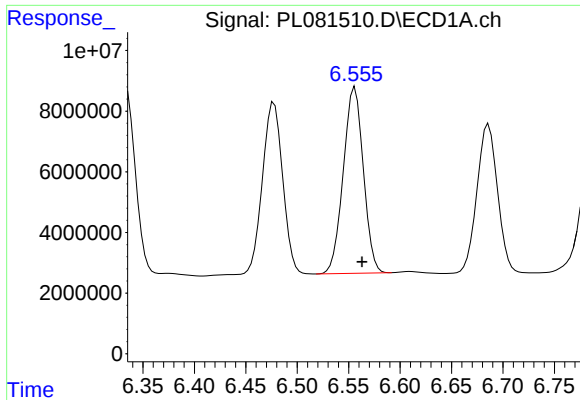
#14 Endrin

R.T.: 6.334 min  
Delta R.T.: -0.008 min  
Response: 82807190  
Conc: 45.56 ng/ml



#14 Endrin

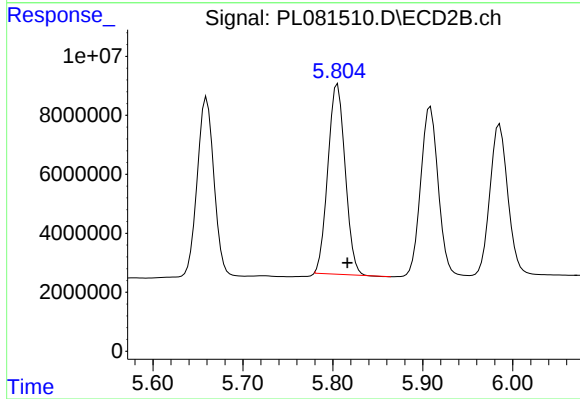
R.T.: 5.509 min  
Delta R.T.: -0.010 min  
Response: 89509387  
Conc: 44.54 ng/ml



#15 Endosulfan II

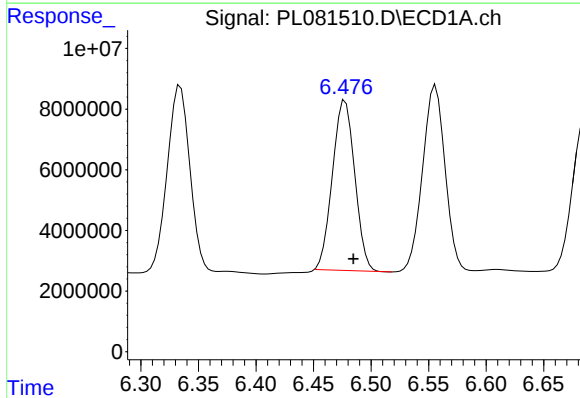
R.T.: 6.556 min  
Delta R.T.: -0.007 min  
Response: 83308821  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



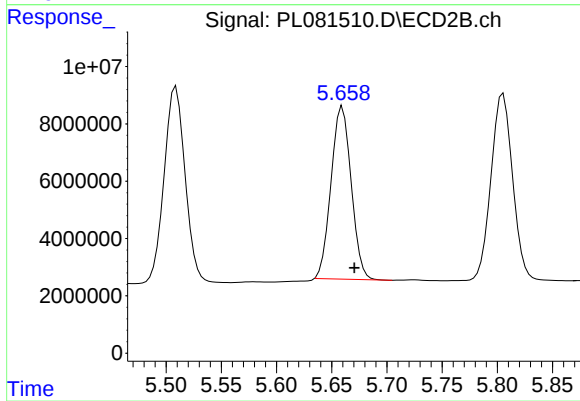
#15 Endosulfan II

R.T.: 5.805 min  
Delta R.T.: -0.011 min  
Response: 86153180  
Conc: 46.73 ng/ml



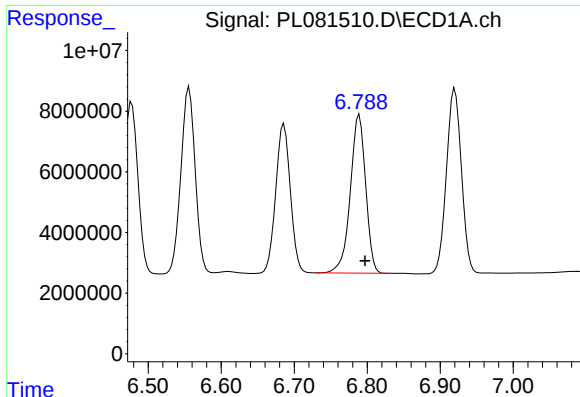
#16 4,4'-DDD

R.T.: 6.477 min  
Delta R.T.: -0.007 min  
Response: 75748523  
Conc: 49.21 ng/ml



#16 4,4'-DDD

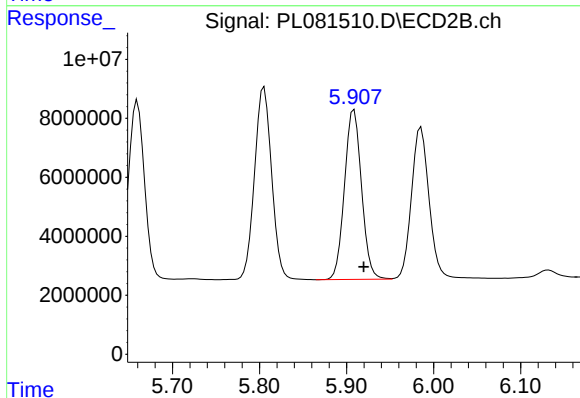
R.T.: 5.660 min  
Delta R.T.: -0.011 min  
Response: 76487069  
Conc: 49.86 ng/ml



#17 4,4'-DDT

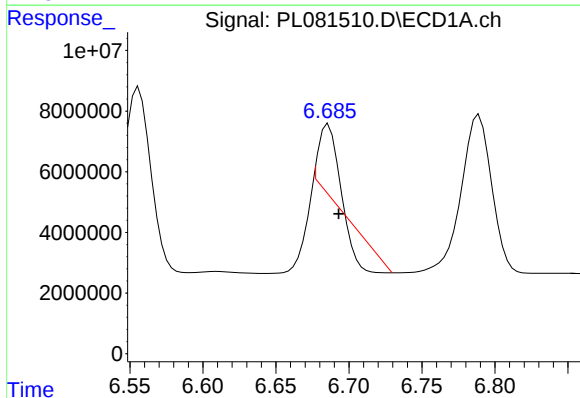
R.T.: 6.789 min  
Delta R.T.: -0.008 min  
Response: 76333558  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



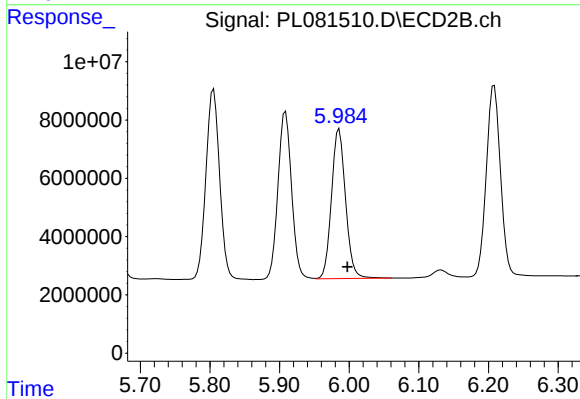
#17 4,4'-DDT

R.T.: 5.909 min  
Delta R.T.: -0.011 min  
Response: 78212472  
Conc: 48.75 ng/ml



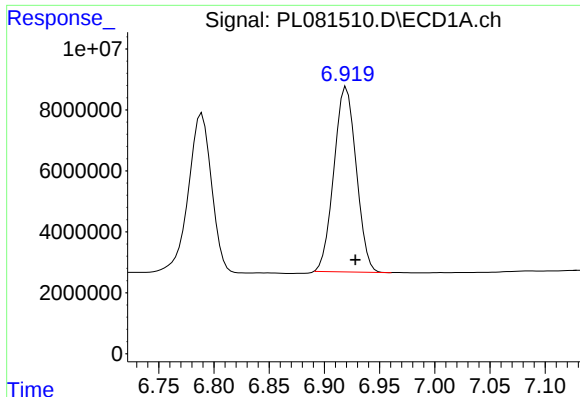
#18 Endrin aldehyde

R.T.: 6.686 min  
Delta R.T.: -0.007 min  
Response: 7872493  
Conc: 5.50 ng/ml



#18 Endrin aldehyde

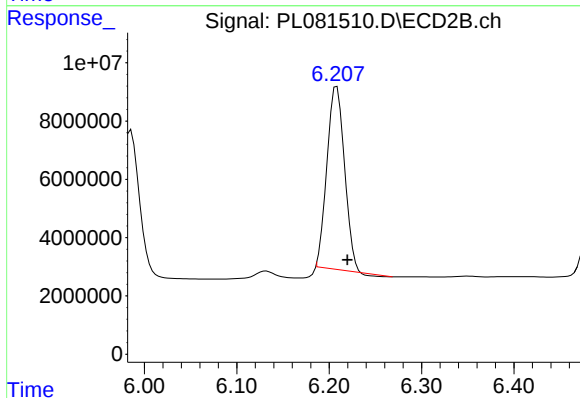
R.T.: 5.986 min  
Delta R.T.: -0.012 min  
Response: 72040781  
Conc: 47.55 ng/ml



#19 Endosulfan Sulfate

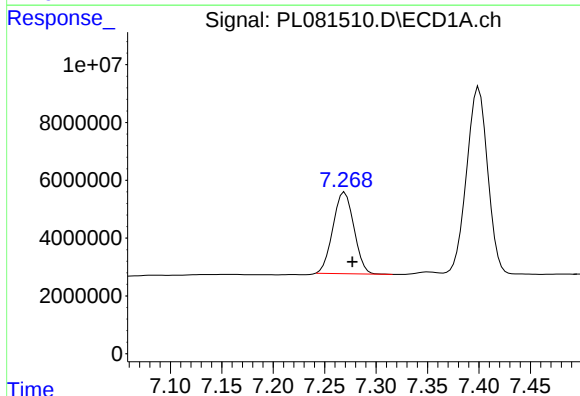
R.T.: 6.920 min  
Delta R.T.: -0.008 min  
Response: 85410904  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



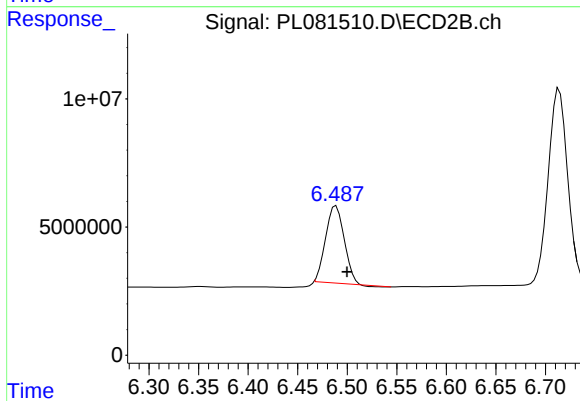
#19 Endosulfan Sulfate

R.T.: 6.208 min  
Delta R.T.: -0.012 min  
Response: 81874789  
Conc: 42.60 ng/ml



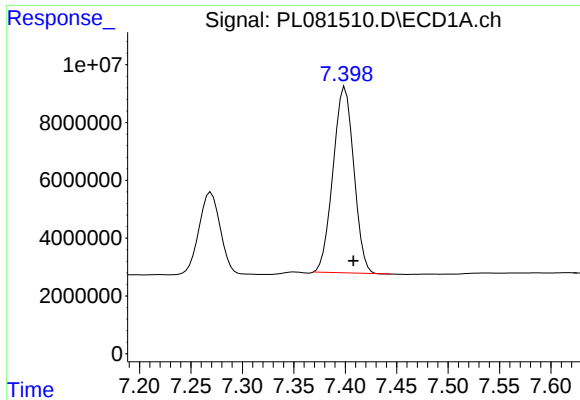
#20 Methoxychlor

R.T.: 7.270 min  
Delta R.T.: -0.007 min  
Response: 40031641  
Conc: 46.47 ng/ml



#20 Methoxychlor

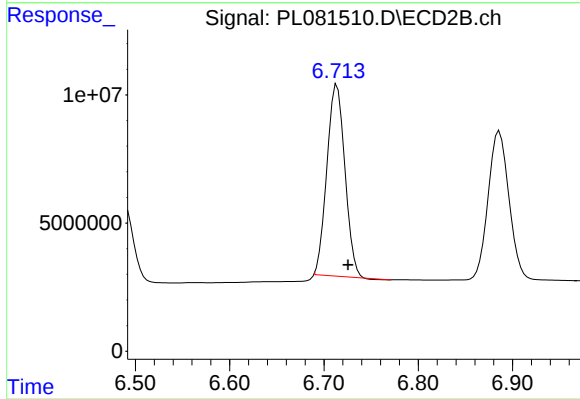
R.T.: 6.489 min  
Delta R.T.: -0.011 min  
Response: 38655159  
Conc: 41.65 ng/ml



#21 Endrin ketone

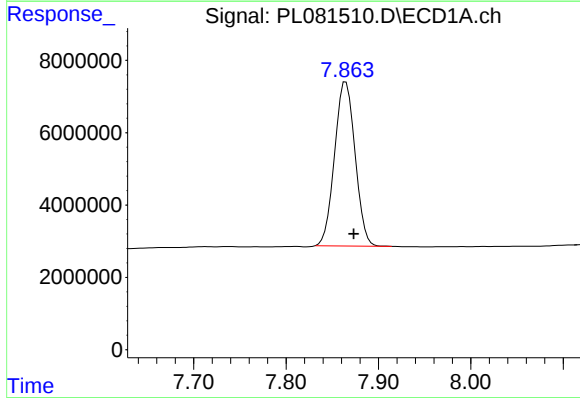
R.T.: 7.400 min  
Delta R.T.: -0.008 min  
Response: 90199912  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



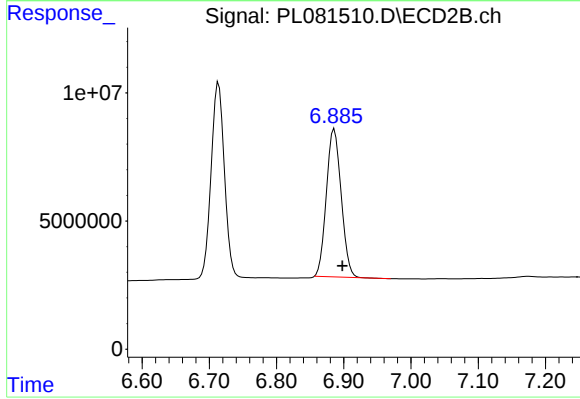
#21 Endrin ketone

R.T.: 6.714 min  
Delta R.T.: -0.012 min  
Response: 98965045  
Conc: 45.96 ng/ml



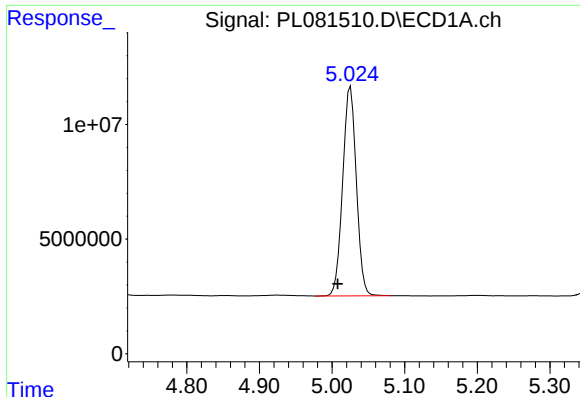
#22 Mirex

R.T.: 7.865 min  
Delta R.T.: -0.009 min  
Response: 70008591  
Conc: 47.98 ng/ml



#22 Mirex

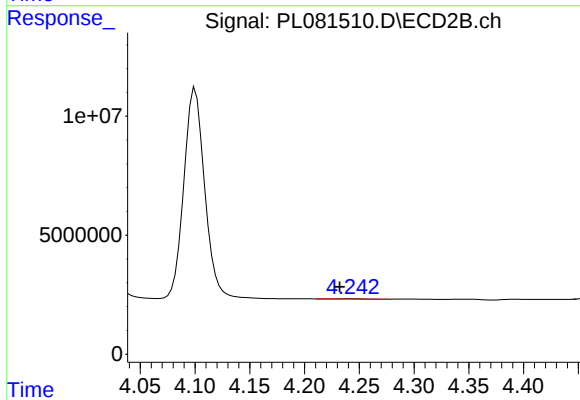
R.T.: 6.886 min  
Delta R.T.: -0.012 min  
Response: 87563391  
Conc: 45.50 ng/ml



#24 Chlordane-2

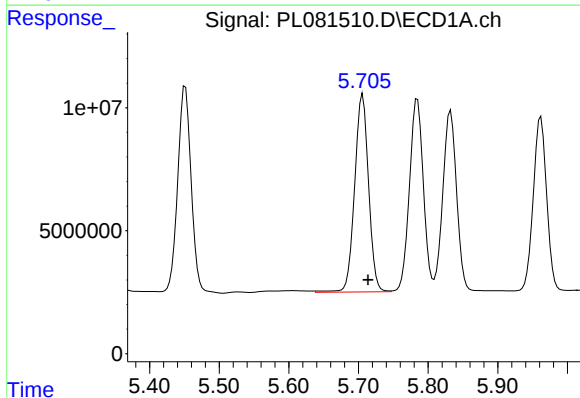
R.T.: 5.025 min  
Delta R.T.: 0.017 min  
Response: 119254471  
Conc: 1191.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



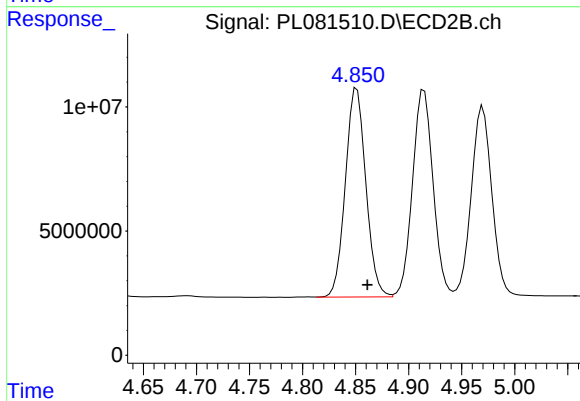
#24 Chlordane-2

R.T.: 4.242 min  
Delta R.T.: 0.010 min  
Response: 329139  
Conc: 3.22 ng/ml



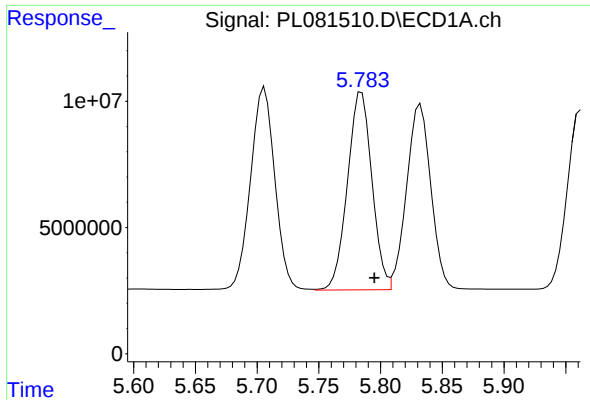
#25 Chlordane-3

R.T.: 5.706 min  
Delta R.T.: -0.008 min  
Response: 111696229  
Conc: 305.37 ng/ml



#25 Chlordane-3

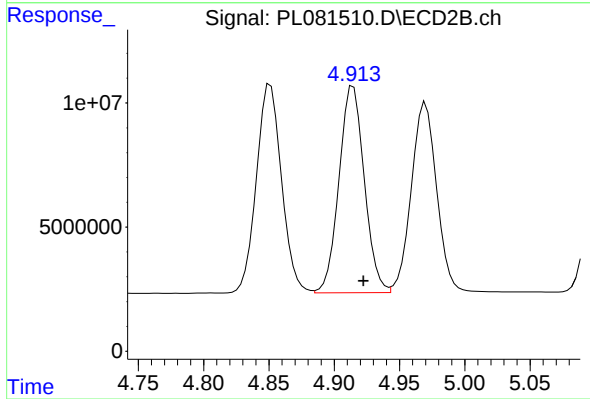
R.T.: 4.851 min  
Delta R.T.: -0.010 min  
Response: 112879916  
Conc: 417.67 ng/ml



#26 Chlordane-4

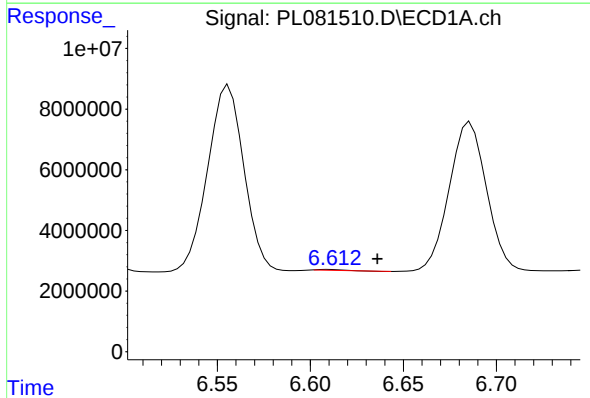
R.T.: 5.785 min  
Delta R.T.: -0.010 min  
Response: 108073186  
Conc: 245.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



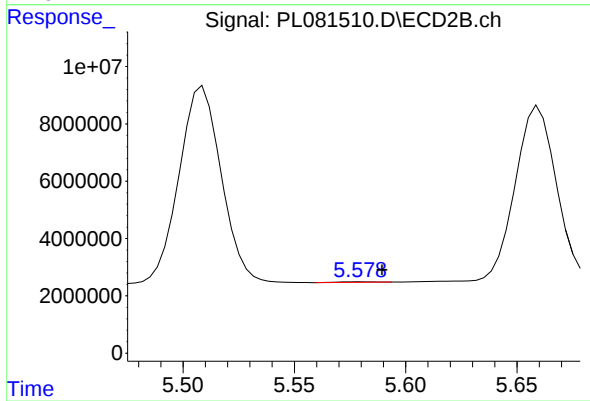
#26 Chlordane-4

R.T.: 4.915 min  
Delta R.T.: -0.008 min  
Response: 112386735  
Conc: 400.18 ng/ml



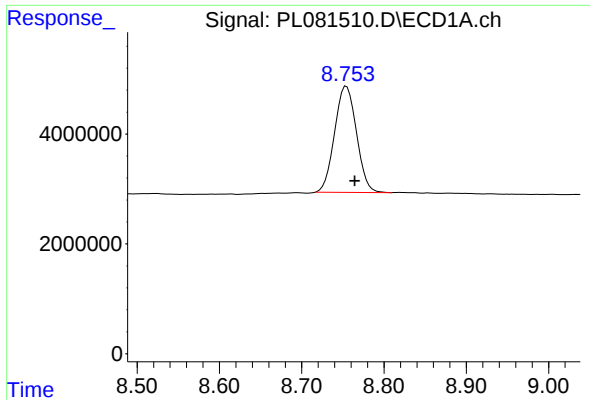
#27 Chlordane-5

R.T.: 6.609 min  
Delta R.T.: -0.027 min  
Response: 227933  
Conc: 3.02 ng/ml



#27 Chlordane-5

R.T.: 5.580 min  
Delta R.T.: -0.010 min  
Response: 195879  
Conc: 2.84 ng/ml



#28 Decachlorobiphenyl

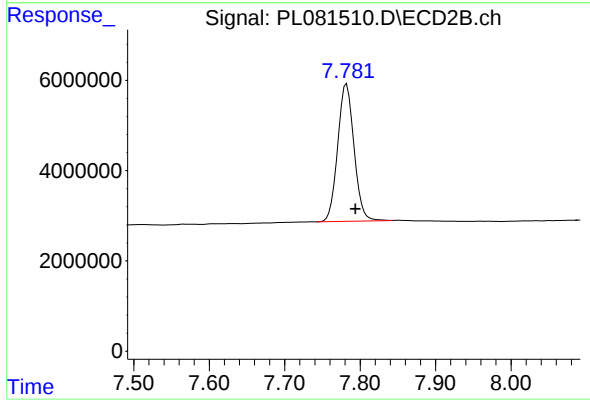
R.T.: 8.754 min

Delta R.T.: -0.010 min

Response: 35806467

Conc: 23.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.782 min

Delta R.T.: -0.012 min

Response: 45782136

Conc: 23.90 ng/ml