

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
 Data File : PL081500.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2023 14:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 21:51:25 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... | 3.332  | 2.662 | 107.4E6  | 97730617 | 49.703   | 48.290    |
| 28)                         | SA Decachlor... | 8.756  | 7.783 | 75259169 | 94484525 | 49.365   | 49.325    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.161 | 159.9E6  | 140.2E6  | 50.256   | 47.855    |
| 3)                          | MA gamma-BHC... | 4.110  | 3.489 | 149.2E6  | 132.3E6  | 50.425   | 48.085    |
| 4)                          | MA Heptachlor   | 4.690  | 3.823 | 139.1E6  | 133.7E6  | 50.416   | 48.459    |
| 5)                          | MB Aldrin       | 5.027  | 4.101 | 129.1E6  | 126.6E6  | 50.732   | 48.275    |
| 6)                          | B beta-BHC      | 4.312  | 3.788 | 65878336 | 56220295 | 47.860   | 48.440    |
| 7)                          | B delta-BHC     | 4.554  | 4.016 | 143.5E6  | 125.6E6  | 51.617   | 49.302    |
| 8)                          | B Heptachlo...  | 5.452  | 4.603 | 120.1E6  | 117.0E6  | 50.885   | 48.383    |
| 9)                          | A Endosulfan I  | 5.834  | 4.971 | 107.3E6  | 107.3E6  | 50.777   | 47.420    |
| 10)                         | B gamma-Chl...  | 5.707  | 4.852 | 121.0E6  | 117.8E6  | 53.008   | 48.146    |
| 11)                         | B alpha-Chl...  | 5.786  | 4.915 | 115.9E6  | 117.4E6  | 51.455   | 47.942    |
| 12)                         | B 4,4'-DDE      | 5.964  | 5.106 | 99095562 | 95227033 | 50.647   | 48.514    |
| 13)                         | MA Dieldrin     | 6.108  | 5.235 | 104.9E6  | 109.8E6  | 50.127   | 48.714    |
| 14)                         | MA Endrin       | 6.335  | 5.510 | 87538979 | 92137476 | 48.165   | 45.848    |
| 15)                         | B Endosulfa...  | 6.558  | 5.806 | 87756317 | 88922579 | 50.334   | 48.230    |
| 16)                         | A 4,4'-DDD      | 6.479  | 5.660 | 81163700 | 78755328 | 52.725   | 51.336    |
| 17)                         | MA 4,4'-DDT     | 6.791  | 5.910 | 80883035 | 80059536 | 50.956   | 49.903    |
| 18)                         | B Endrin al...  | 6.688  | 5.987 | 11890769 | 74546061 | 8.307    | 49.204 #  |
| 19)                         | B Endosulfa...  | 6.922  | 6.210 | 90457910 | 87200412 | 50.380   | 45.368    |
| 20)                         | A Methoxychlor  | 7.271  | 6.489 | 42717750 | 41370849 | 49.593   | 44.576    |
| 21)                         | B Endrin ke...  | 7.401  | 6.715 | 96034784 | 103.2E6  | 52.941   | 47.952    |
| 22)                         | Mirex           | 7.866  | 6.887 | 74119860 | 92349739 | 50.798   | 47.983    |
| 23)                         | Chlordane-1     | 0.000  | 3.652 | 0        | 25514    | N.D.     | 0.309 #   |
| 24)                         | Chlordane-2     | 5.027f | 4.240 | 129.1E6  | 1443567  | 1289.654 | 14.102 #  |
| 25)                         | Chlordane-3     | 5.707  | 4.852 | 121.0E6  | 117.8E6  | 330.693  | 436.060 # |
| 26)                         | Chlordane-4     | 5.786  | 4.915 | 115.9E6  | 117.4E6  | 263.747  | 417.988 # |
| 27)                         | Chlordane-5     | 6.612f | 5.586 | 222232   | 41772    | 2.949    | 0.605 #   |
| -----                       |                 |        |       |          |          |          |           |

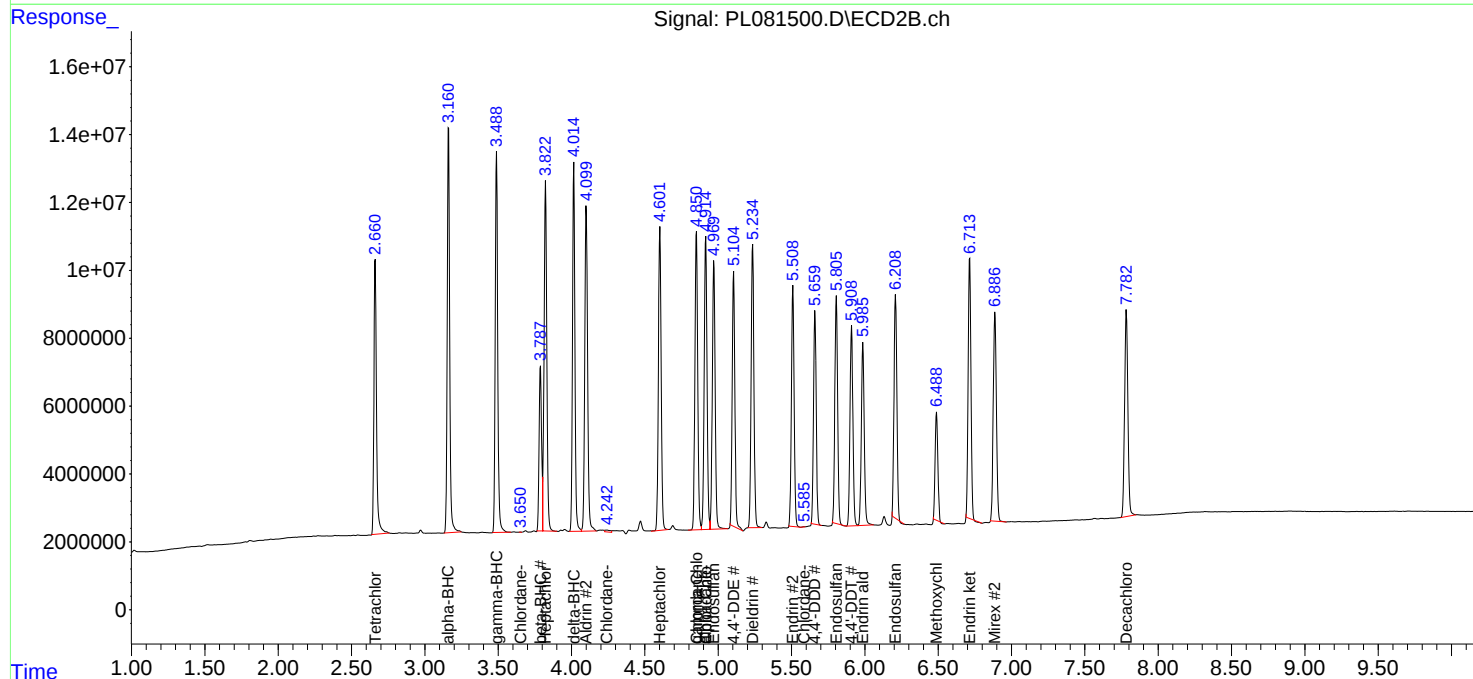
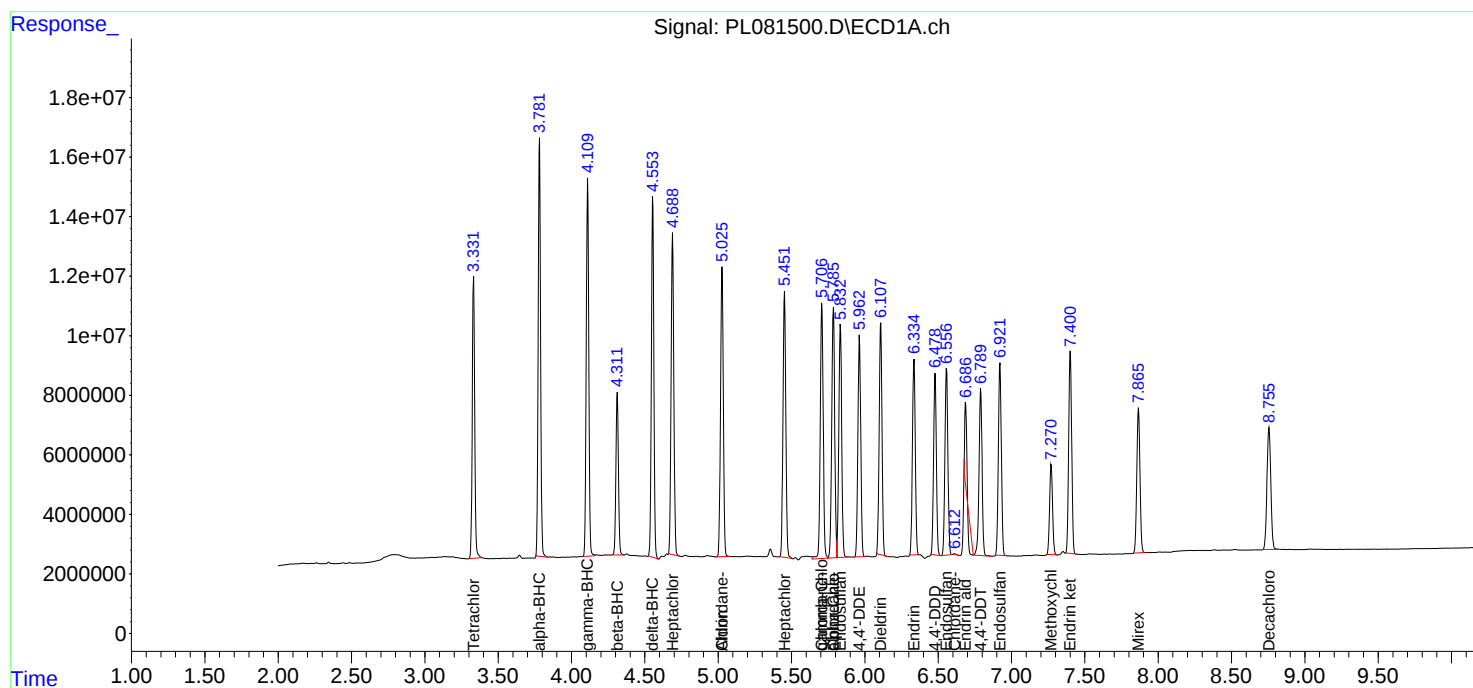
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

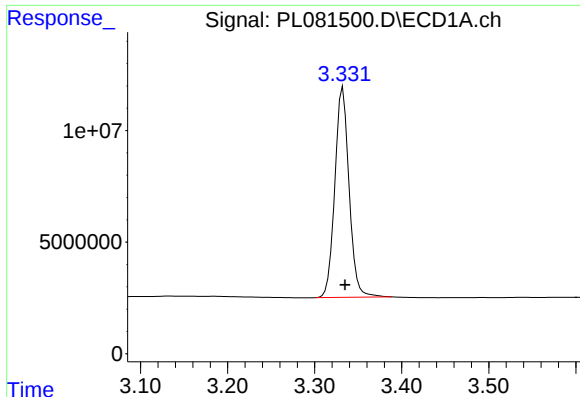
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031623\  
Data File : PL081500.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2023 14:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 21:51:25 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

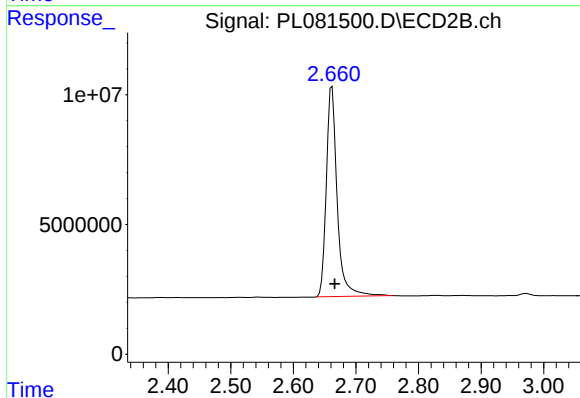




#1 Tetrachloro-m-xylene

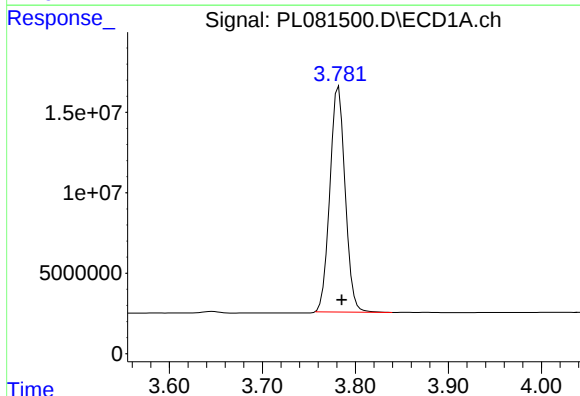
R.T.: 3.332 min  
Delta R.T.: -0.003 min  
Response: 107387037  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



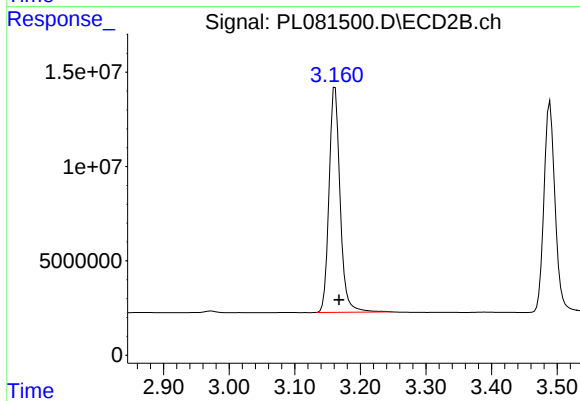
#1 Tetrachloro-m-xylene

R.T.: 2.662 min  
Delta R.T.: -0.005 min  
Response: 97730617  
Conc: 48.29 ng/ml



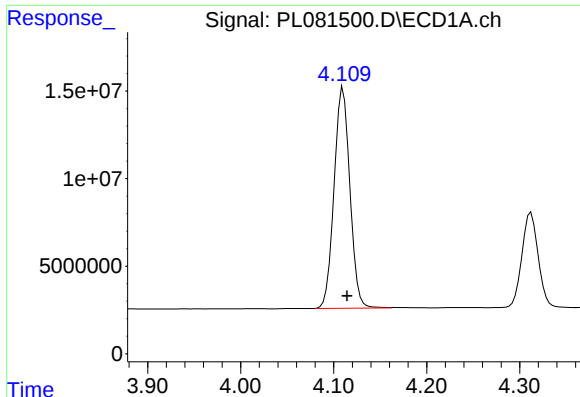
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: -0.003 min  
Response: 159877992  
Conc: 50.26 ng/ml



#2 alpha-BHC

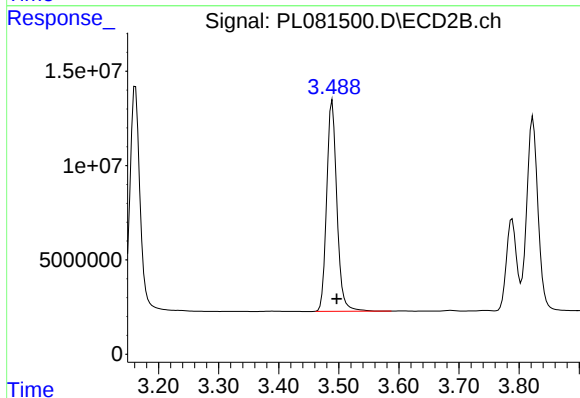
R.T.: 3.161 min  
Delta R.T.: -0.006 min  
Response: 140245628  
Conc: 47.86 ng/ml



#3 gamma-BHC (Lindane)

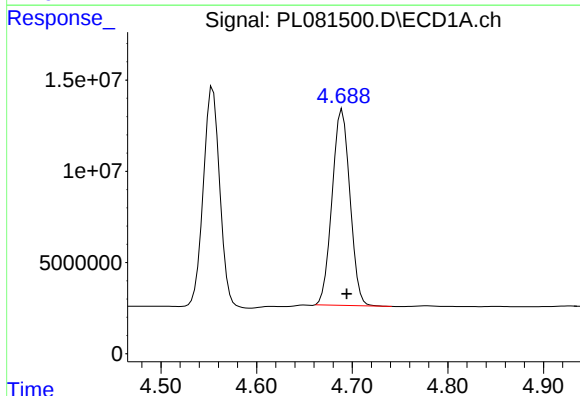
R.T.: 4.110 min  
Delta R.T.: -0.004 min  
Response: 149187772  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



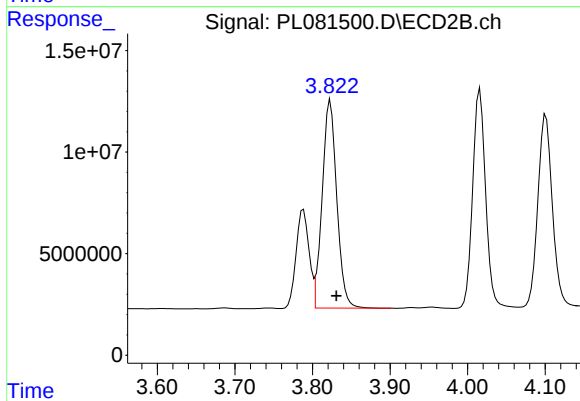
#3 gamma-BHC (Lindane)

R.T.: 3.489 min  
Delta R.T.: -0.007 min  
Response: 132285596  
Conc: 48.09 ng/ml



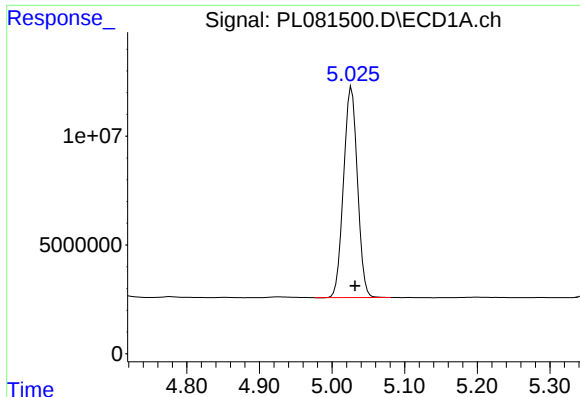
#4 Heptachlor

R.T.: 4.690 min  
Delta R.T.: -0.005 min  
Response: 139116276  
Conc: 50.42 ng/ml



#4 Heptachlor

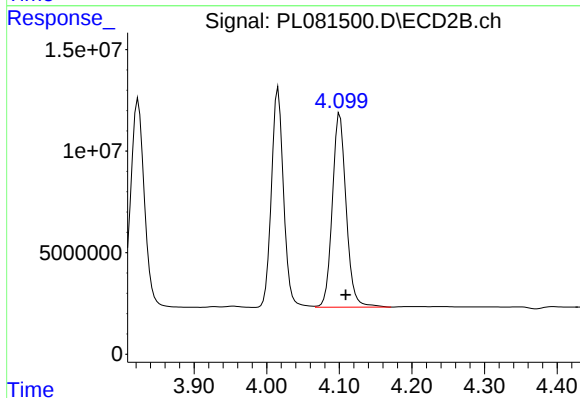
R.T.: 3.823 min  
Delta R.T.: -0.008 min  
Response: 133722886  
Conc: 48.46 ng/ml



#5 Aldrin

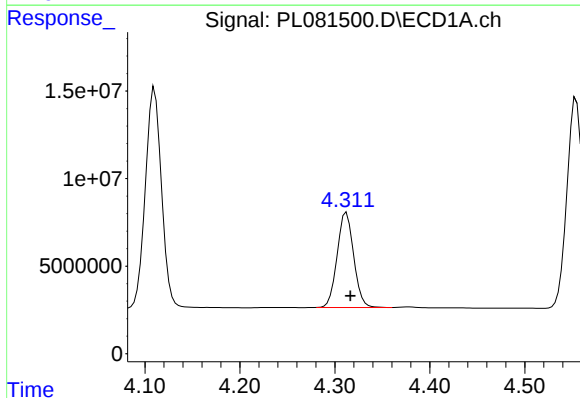
R.T.: 5.027 min  
Delta R.T.: -0.005 min  
Response: 129068492  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



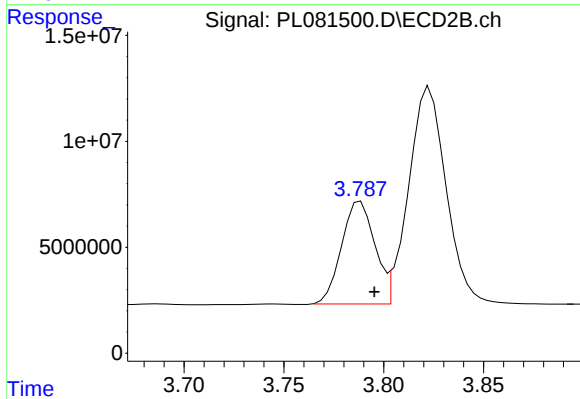
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: -0.008 min  
Response: 126564067  
Conc: 48.27 ng/ml



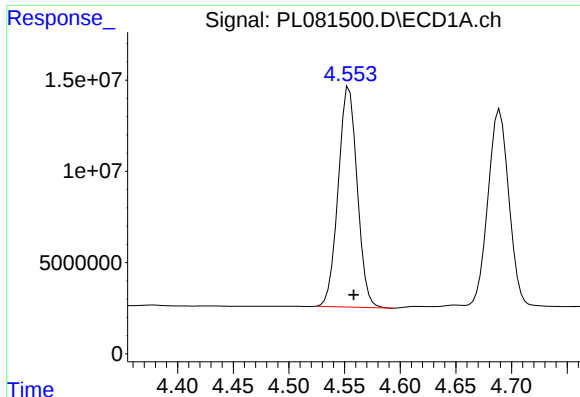
#6 beta-BHC

R.T.: 4.312 min  
Delta R.T.: -0.004 min  
Response: 65878336  
Conc: 47.86 ng/ml



#6 beta-BHC

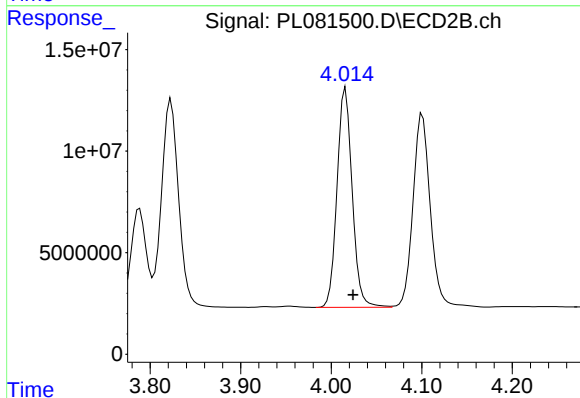
R.T.: 3.788 min  
Delta R.T.: -0.007 min  
Response: 56220295  
Conc: 48.44 ng/ml



#7 delta-BHC

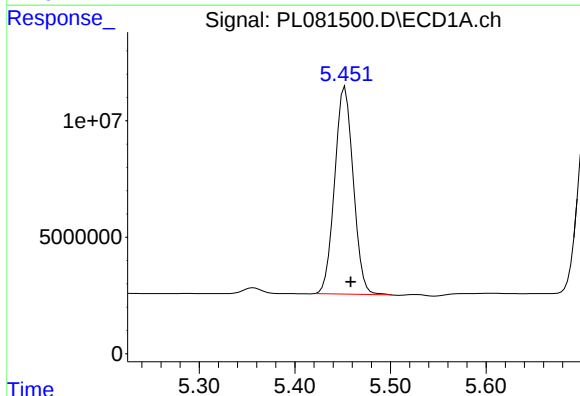
R.T.: 4.554 min  
Delta R.T.: -0.004 min  
Response: 143454340  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



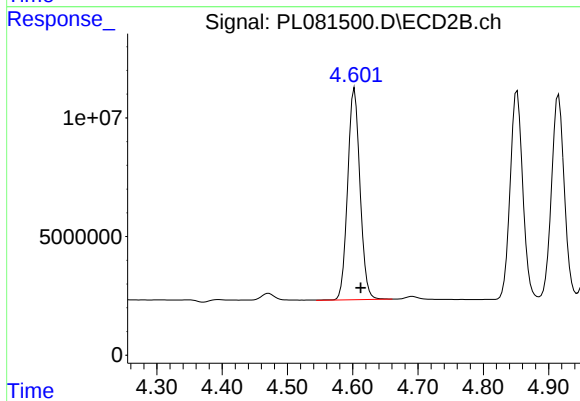
#7 delta-BHC

R.T.: 4.016 min  
Delta R.T.: -0.008 min  
Response: 125554065  
Conc: 49.30 ng/ml



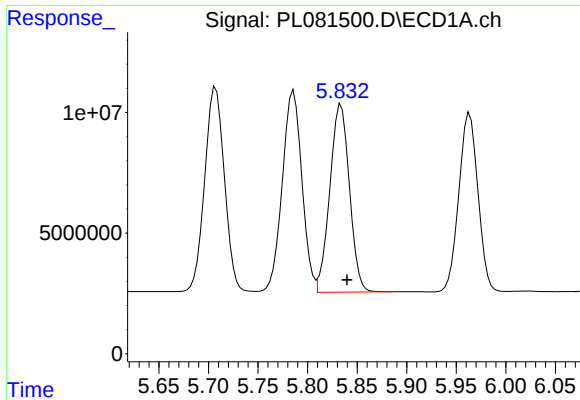
#8 Heptachlor epoxide

R.T.: 5.452 min  
Delta R.T.: -0.006 min  
Response: 120089157  
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

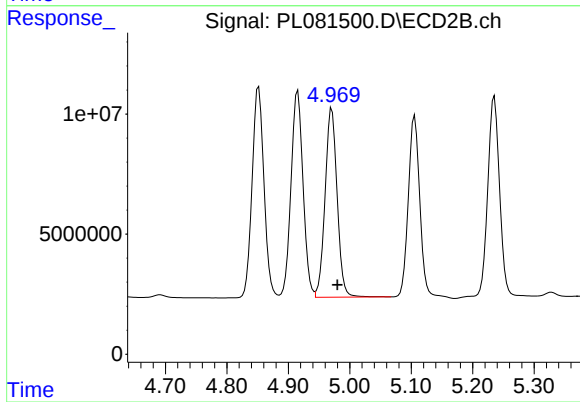
R.T.: 4.603 min  
Delta R.T.: -0.009 min  
Response: 116995125  
Conc: 48.38 ng/ml



#9 Endosulfan I

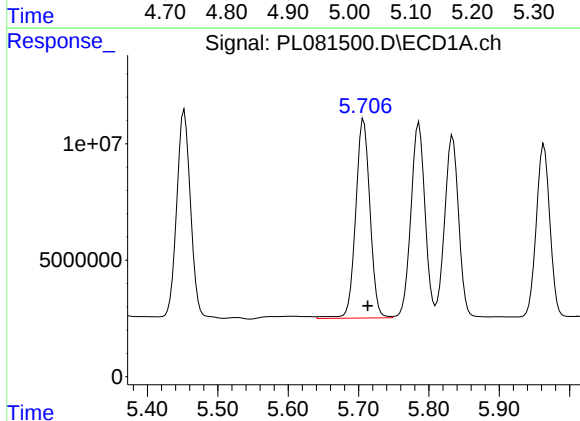
R.T.: 5.834 min  
Delta R.T.: -0.006 min  
Response: 107277040  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



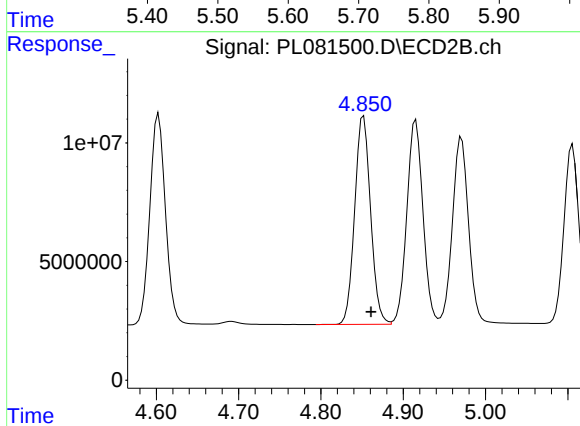
#9 Endosulfan I

R.T.: 4.971 min  
Delta R.T.: -0.009 min  
Response: 107343066  
Conc: 47.42 ng/ml



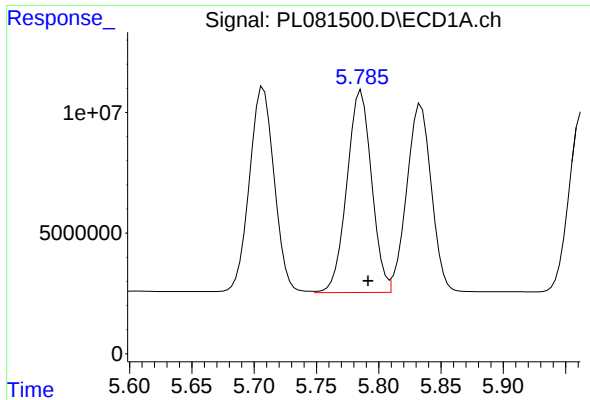
#10 gamma-Chlordane

R.T.: 5.707 min  
Delta R.T.: -0.006 min  
Response: 120959875  
Conc: 53.01 ng/ml



#10 gamma-Chlordane

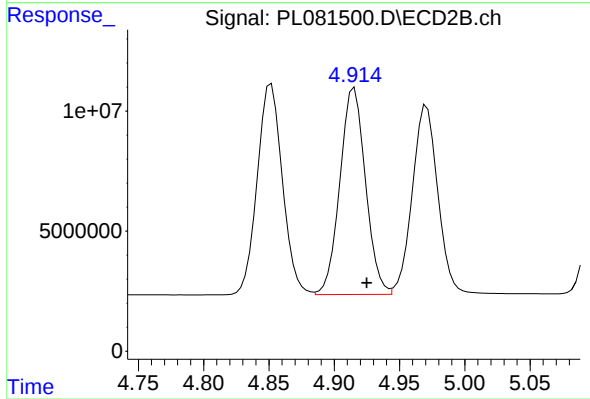
R.T.: 4.852 min  
Delta R.T.: -0.009 min  
Response: 117849933  
Conc: 48.15 ng/ml



#11 alpha-Chlordane

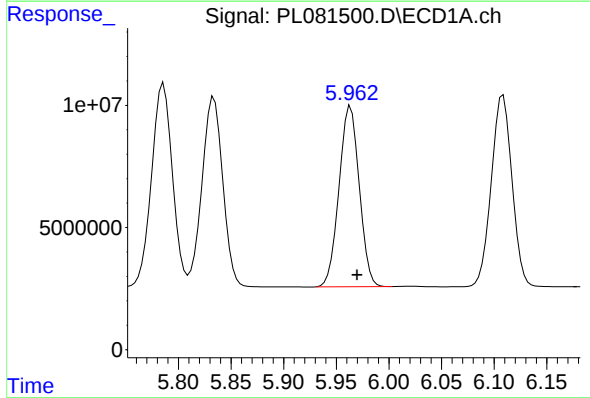
R.T.: 5.786 min  
Delta R.T.: -0.005 min  
Response: 115925406  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



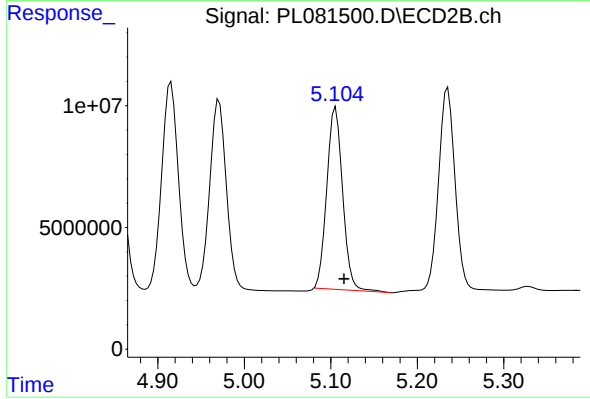
#11 alpha-Chlordane

R.T.: 4.915 min  
Delta R.T.: -0.009 min  
Response: 117387371  
Conc: 47.94 ng/ml



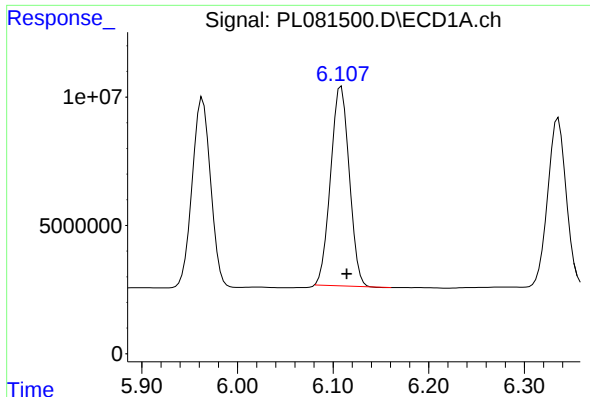
#12 4,4'-DDE

R.T.: 5.964 min  
Delta R.T.: -0.006 min  
Response: 99095562  
Conc: 50.65 ng/ml



#12 4,4'-DDE

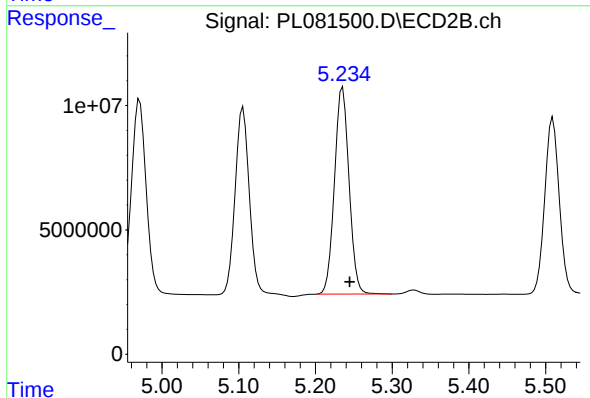
R.T.: 5.106 min  
Delta R.T.: -0.010 min  
Response: 95227033  
Conc: 48.51 ng/ml



#13 Dieldrin

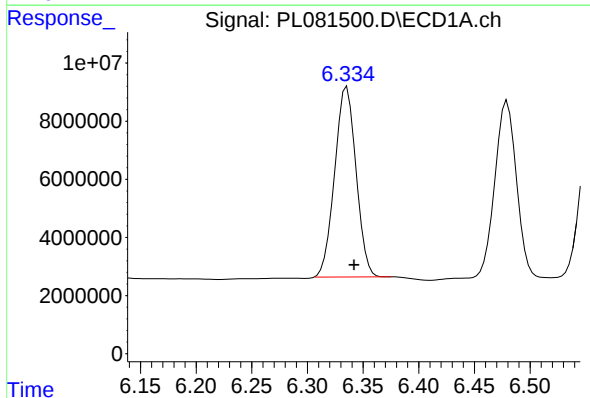
R.T.: 6.108 min  
Delta R.T.: -0.006 min  
Response: 104916210  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



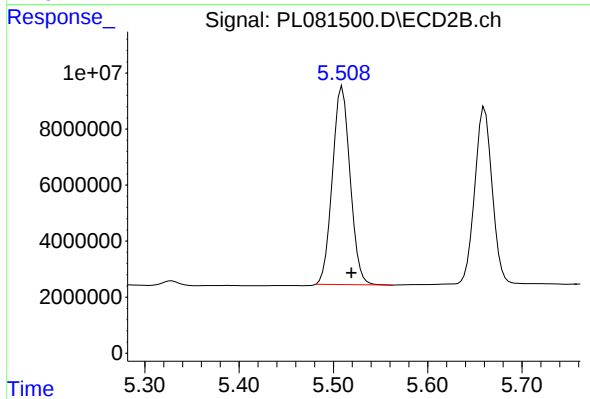
#13 Dieldrin

R.T.: 5.235 min  
Delta R.T.: -0.010 min  
Response: 109819434  
Conc: 48.71 ng/ml



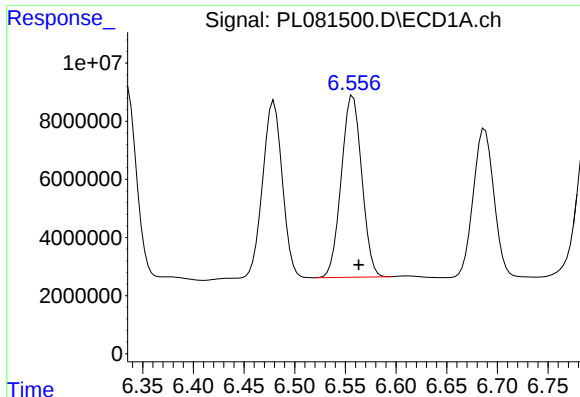
#14 Endrin

R.T.: 6.335 min  
Delta R.T.: -0.007 min  
Response: 87538979  
Conc: 48.17 ng/ml



#14 Endrin

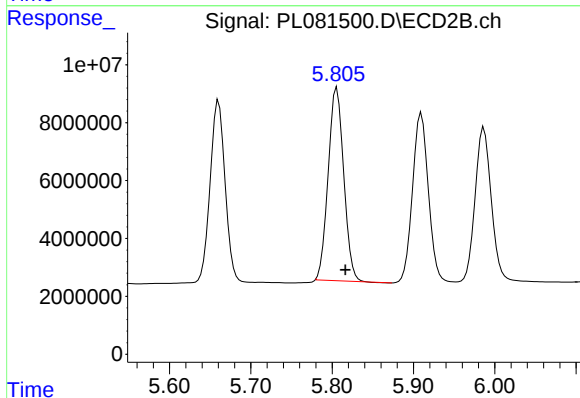
R.T.: 5.510 min  
Delta R.T.: -0.010 min  
Response: 92137476  
Conc: 45.85 ng/ml



#15 Endosulfan II

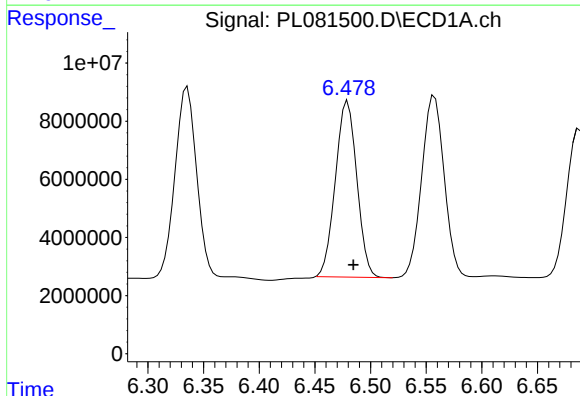
R.T.: 6.558 min  
Delta R.T.: -0.006 min  
Response: 87756317  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



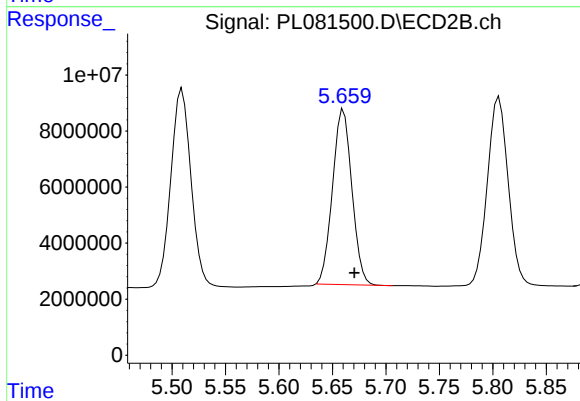
#15 Endosulfan II

R.T.: 5.806 min  
Delta R.T.: -0.010 min  
Response: 88922579  
Conc: 48.23 ng/ml



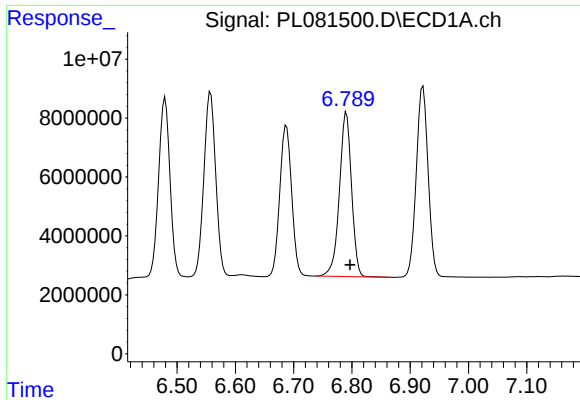
#16 4,4'-DDD

R.T.: 6.479 min  
Delta R.T.: -0.005 min  
Response: 81163700  
Conc: 52.73 ng/ml



#16 4,4'-DDD

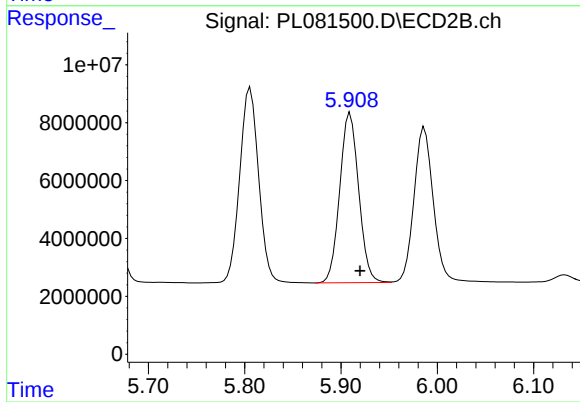
R.T.: 5.660 min  
Delta R.T.: -0.010 min  
Response: 78755328  
Conc: 51.34 ng/ml



#17 4,4'-DDT

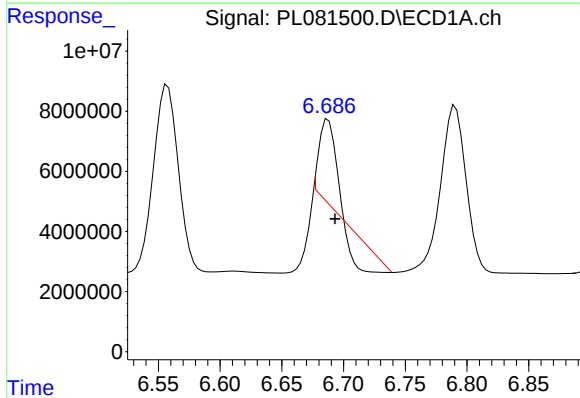
R.T.: 6.791 min  
Delta R.T.: -0.006 min  
Response: 80883035  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



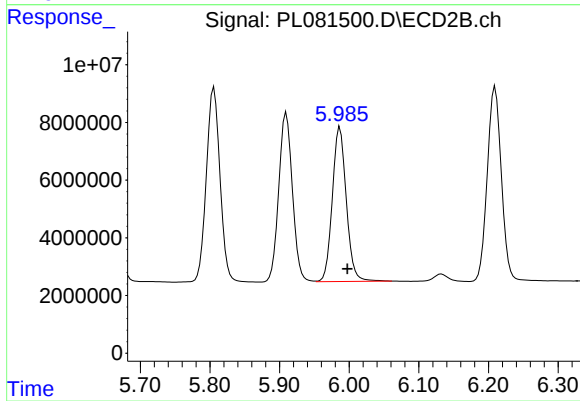
#17 4,4'-DDT

R.T.: 5.910 min  
Delta R.T.: -0.010 min  
Response: 80059536  
Conc: 49.90 ng/ml



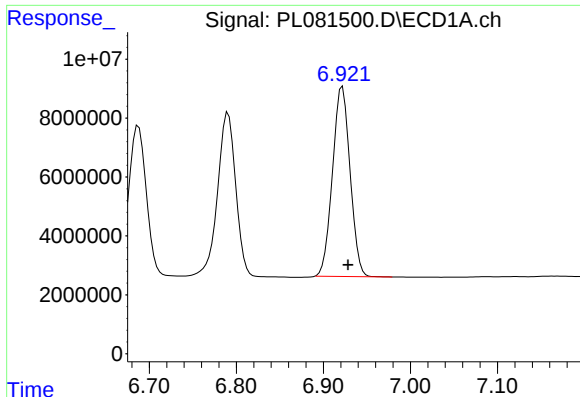
#18 Endrin aldehyde

R.T.: 6.688 min  
Delta R.T.: -0.006 min  
Response: 11890769  
Conc: 8.31 ng/ml



#18 Endrin aldehyde

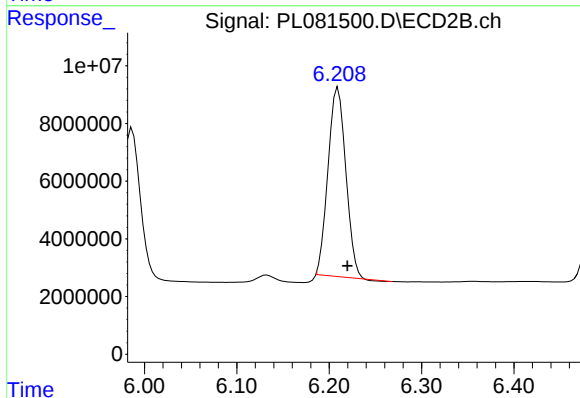
R.T.: 5.987 min  
Delta R.T.: -0.011 min  
Response: 74546061  
Conc: 49.20 ng/ml



#19 Endosulfan Sulfate

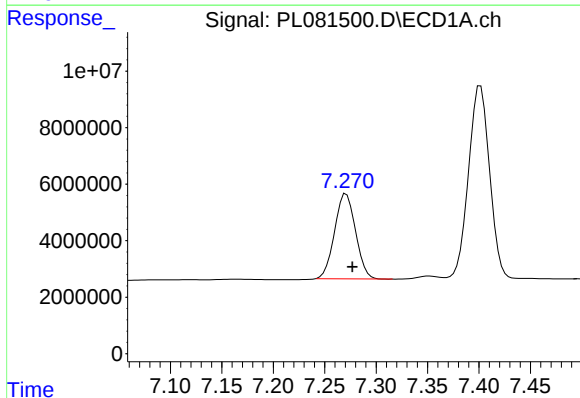
R.T.: 6.922 min  
Delta R.T.: -0.006 min  
Response: 90457910  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



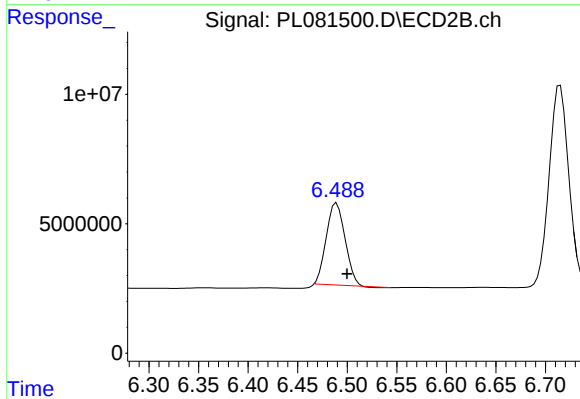
#19 Endosulfan Sulfate

R.T.: 6.210 min  
Delta R.T.: -0.010 min  
Response: 87200412  
Conc: 45.37 ng/ml



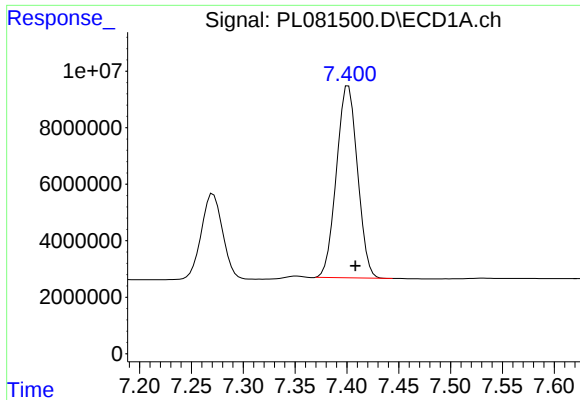
#20 Methoxychlor

R.T.: 7.271 min  
Delta R.T.: -0.006 min  
Response: 42717750  
Conc: 49.59 ng/ml



#20 Methoxychlor

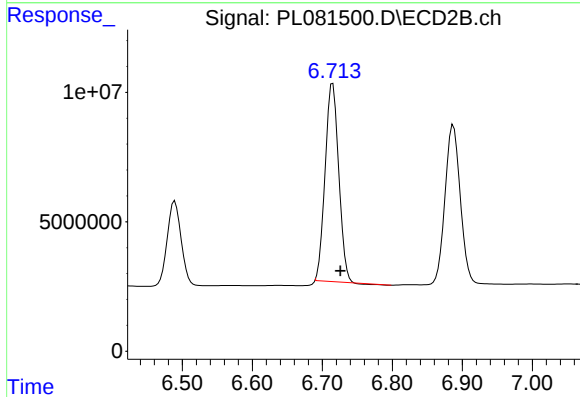
R.T.: 6.489 min  
Delta R.T.: -0.011 min  
Response: 41370849  
Conc: 44.58 ng/ml



#21 Endrin ketone

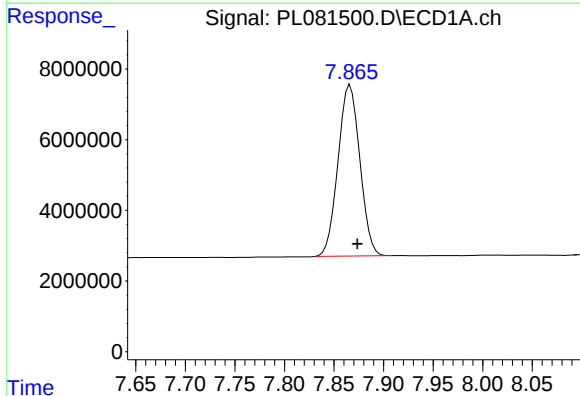
R.T.: 7.401 min  
Delta R.T.: -0.007 min  
Response: 96034784  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



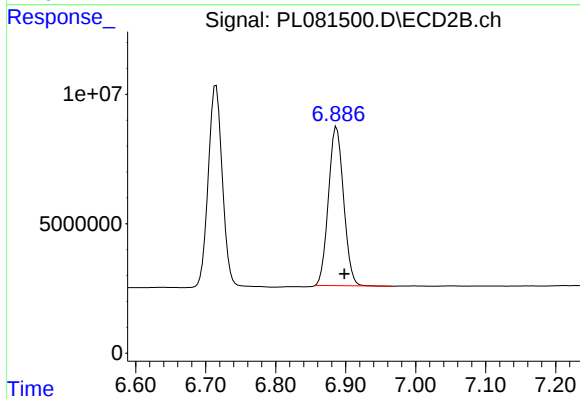
#21 Endrin ketone

R.T.: 6.715 min  
Delta R.T.: -0.011 min  
Response: 103245379  
Conc: 47.95 ng/ml



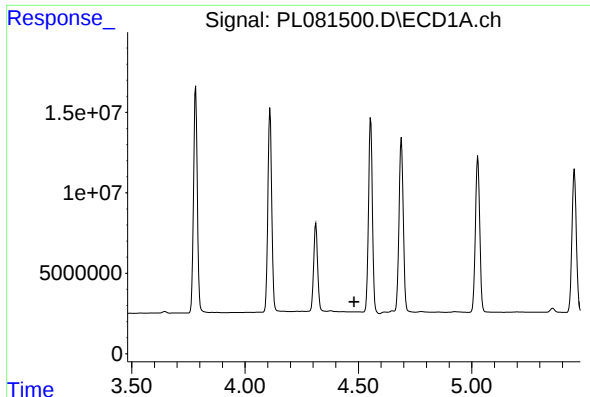
#22 Mirex

R.T.: 7.866 min  
Delta R.T.: -0.007 min  
Response: 74119860  
Conc: 50.80 ng/ml



#22 Mirex

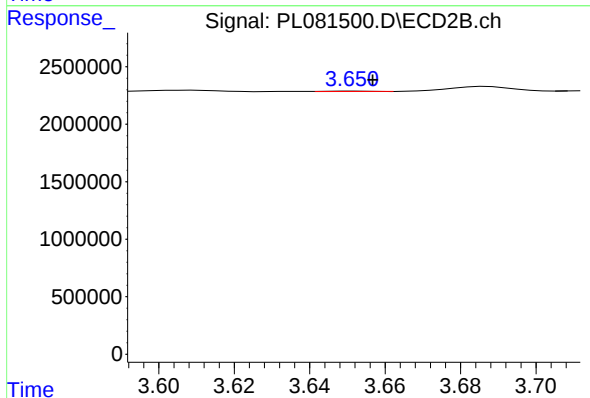
R.T.: 6.887 min  
Delta R.T.: -0.011 min  
Response: 92349739  
Conc: 47.98 ng/ml



#23 Chlordane-1

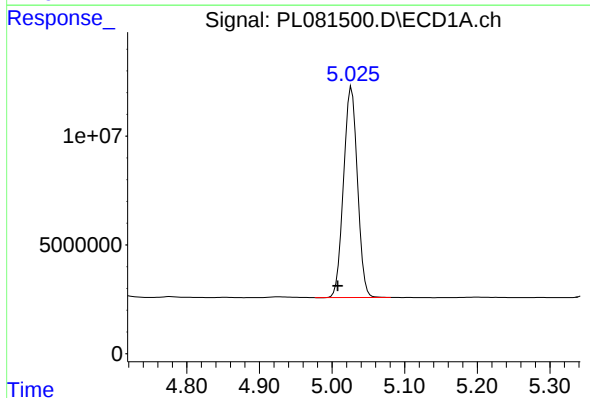
R.T.: 0.000 min  
Exp R.T.: 4.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



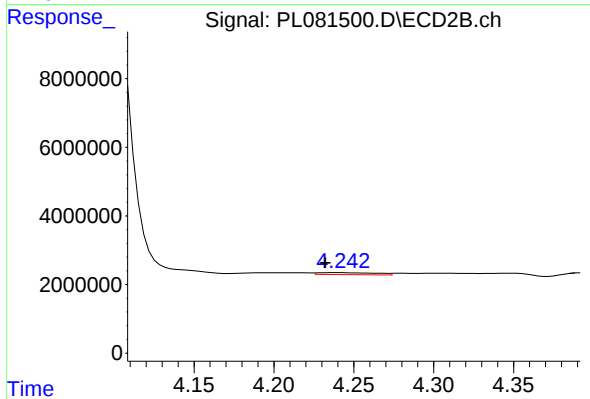
#23 Chlordane-1

R.T.: 3.652 min  
Delta R.T.: -0.005 min  
Response: 25514  
Conc: 0.31 ng/ml



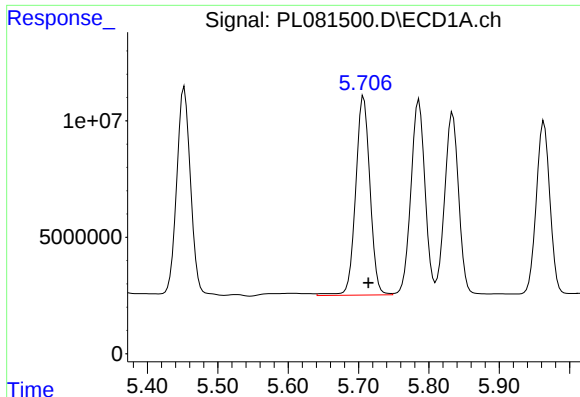
#24 Chlordane-2

R.T.: 5.027 min  
Delta R.T.: 0.019 min  
Response: 129068492  
Conc: 1289.65 ng/ml



#24 Chlordane-2

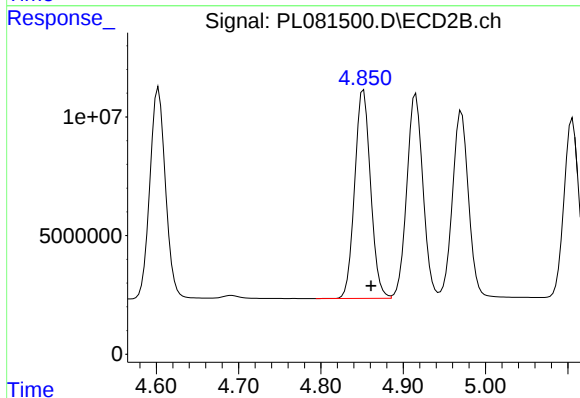
R.T.: 4.240 min  
Delta R.T.: 0.008 min  
Response: 1443567  
Conc: 14.10 ng/ml



#25 Chlordane-3

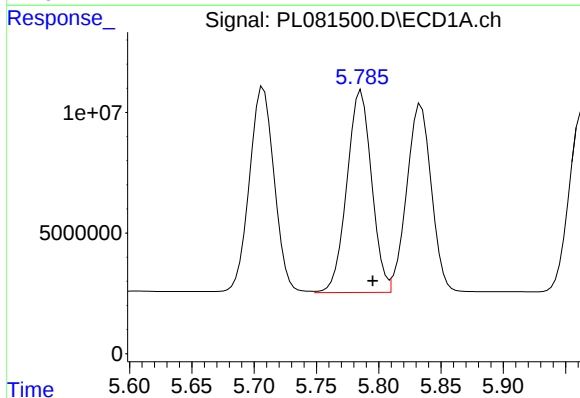
R.T.: 5.707 min  
Delta R.T.: -0.007 min  
Response: 120959875  
Conc: 330.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



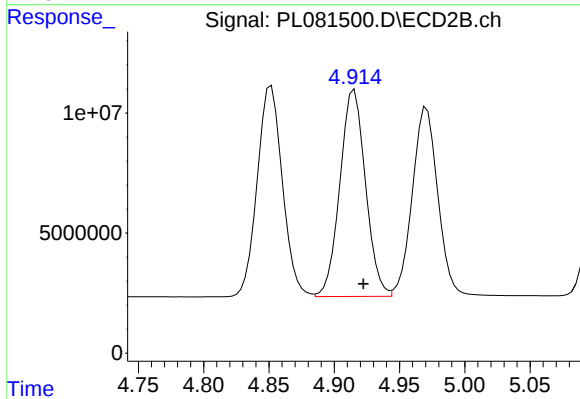
#25 Chlordane-3

R.T.: 4.852 min  
Delta R.T.: -0.009 min  
Response: 117849933  
Conc: 436.06 ng/ml



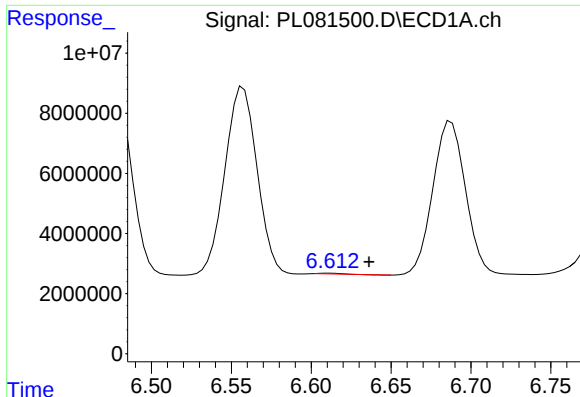
#26 Chlordane-4

R.T.: 5.786 min  
Delta R.T.: -0.009 min  
Response: 115925406  
Conc: 263.75 ng/ml



#26 Chlordane-4

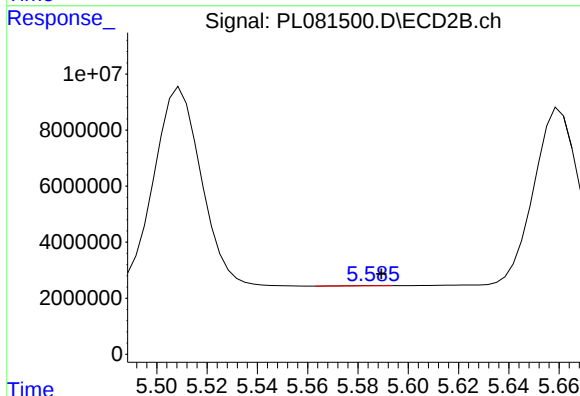
R.T.: 4.915 min  
Delta R.T.: -0.007 min  
Response: 117387371  
Conc: 417.99 ng/ml



#27 Chlordane-5

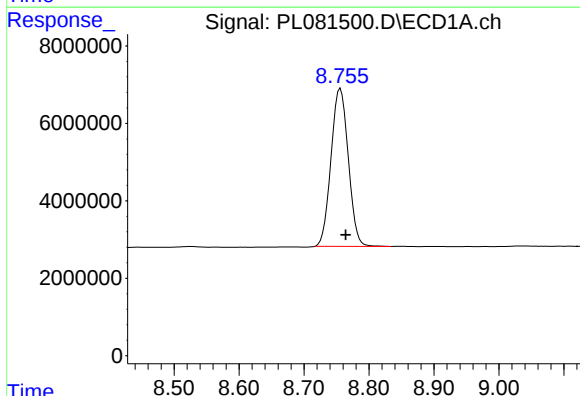
R.T.: 6.612 min  
Delta R.T.: -0.025 min  
Response: 222232  
Conc: 2.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



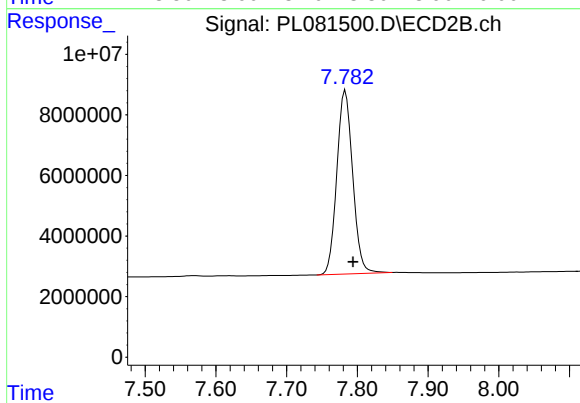
#27 Chlordane-5

R.T.: 5.586 min  
Delta R.T.: -0.003 min  
Response: 41772  
Conc: 0.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.756 min  
Delta R.T.: -0.008 min  
Response: 75259169  
Conc: 49.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.783 min  
Delta R.T.: -0.011 min  
Response: 94484525  
Conc: 49.33 ng/ml