

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080908.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 14:12  
 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: Feb 14 20:31:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.354  | 2.687  | 121.2E6  | 122.4E6  | 56.496   | 55.727    |
| 28)                         | SA Decachlor... | 8.789  | 7.832  | 84543079 | 107.0E6  | 48.289   | 44.928    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.802  | 3.188  | 189.2E6  | 180.3E6  | 59.708   | 56.696    |
| 3)                          | MA gamma-BHC... | 4.131  | 3.516  | 174.8E6  | 168.1E6  | 59.469   | 56.265    |
| 4)                          | MA Heptachlor   | 4.714  | 3.857  | 163.9E6  | 166.9E6  | 55.456   | 52.434    |
| 5)                          | MB Aldrin       | 5.052  | 4.136  | 157.4E6  | 162.1E6  | 57.548   | 54.944    |
| 6)                          | B beta-BHC      | 4.327  | 3.812  | 74819333 | 72533206 | 54.812   | 54.347    |
| 7)                          | B delta-BHC     | 4.570  | 4.042  | 171.2E6  | 162.7E6  | 59.121   | 56.422    |
| 8)                          | B Heptachlo...  | 5.477  | 4.638  | 144.9E6  | 150.1E6  | 56.016   | 53.954    |
| 9)                          | A Endosulfan I  | 5.858  | 5.007  | 132.8E6  | 137.8E6  | 56.255   | 52.957    |
| 10)                         | B gamma-Chl...  | 5.731  | 4.889  | 145.9E6  | 144.9E6  | 57.756   | 51.128    |
| 11)                         | B alpha-Chl...  | 5.811  | 4.953  | 143.0E6  | 149.3E6  | 56.653   | 52.109    |
| 12)                         | B 4,4'-DDE      | 5.988  | 5.145  | 125.2E6  | 123.1E6  | 56.218   | 52.187    |
| 13)                         | MA Dieldrin     | 6.132  | 5.272  | 135.0E6  | 140.3E6  | 56.421   | 51.853    |
| 14)                         | MA Endrin       | 6.359  | 5.547  | 113.7E6  | 121.6E6  | 52.595   | 52.373    |
| 15)                         | B Endosulfa...  | 6.578  | 5.841  | 108.6E6  | 116.8E6  | 47.363   | 56.053    |
| 16)                         | A 4,4'-DDD      | 6.503  | 5.699  | 106.5E6  | 111.6E6  | 58.122   | 59.405    |
| 17)                         | MA 4,4'-DDT     | 6.815  | 5.951  | 95449159 | 98222006 | 45.941   | 46.739    |
| 18)                         | B Endrin al...  | 6.708  | 6.021  | 87096331 | 92947463 | 52.360   | 50.899    |
| 19)                         | B Endosulfa...  | 6.942  | 6.244  | 114.2E6  | 122.7E6  | 55.190   | 52.743    |
| 20)                         | A Methoxychlor  | 7.293  | 6.528  | 49826190 | 52819567 | 45.162   | 43.528    |
| 21)                         | B Endrin ke...  | 7.422  | 6.748  | 120.5E6  | 137.3E6  | 54.593   | 53.761    |
| 22)                         | Mirex           | 7.892  | 6.932  | 88450083 | 111.7E6  | 51.431   | 49.076    |
| 23)                         | Chlordane-1     | 0.000  | 3.717f | 0        | 551321   | N.D.     | 6.771 #   |
| 24)                         | Chlordane-2     | 5.052f | 4.267  | 157.4E6  | 299751   | 1632.338 | 3.325 #   |
| 25)                         | Chlordane-3     | 5.731  | 4.889  | 145.9E6  | 144.9E6  | 431.700  | 549.428 # |
| 26)                         | Chlordane-4     | 5.811  | 4.953  | 143.0E6  | 149.3E6  | 331.486  | 554.314 # |
| 27)                         | Chlordane-5     | 0.000  | 5.648f | 0        | 718424   | N.D.     | 10.097 #  |
| -----                       |                 |        |        |          |          |          |           |

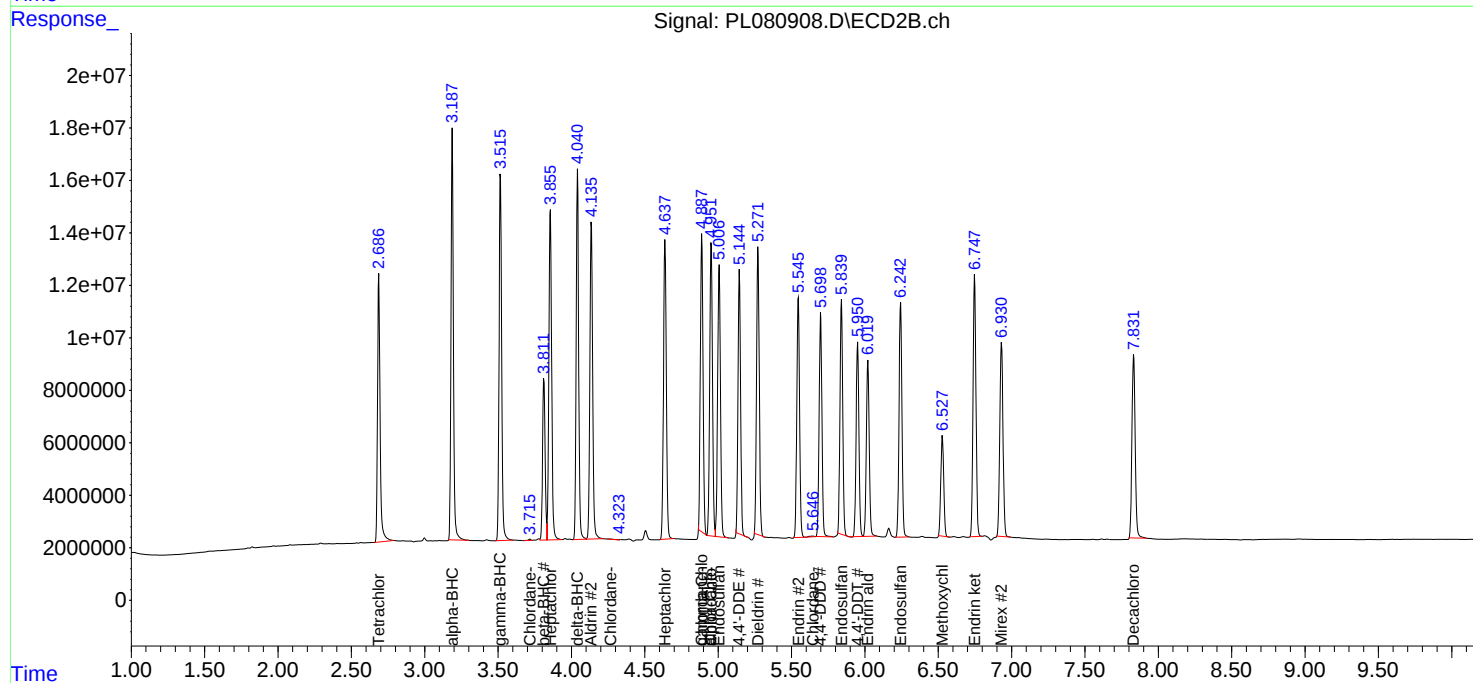
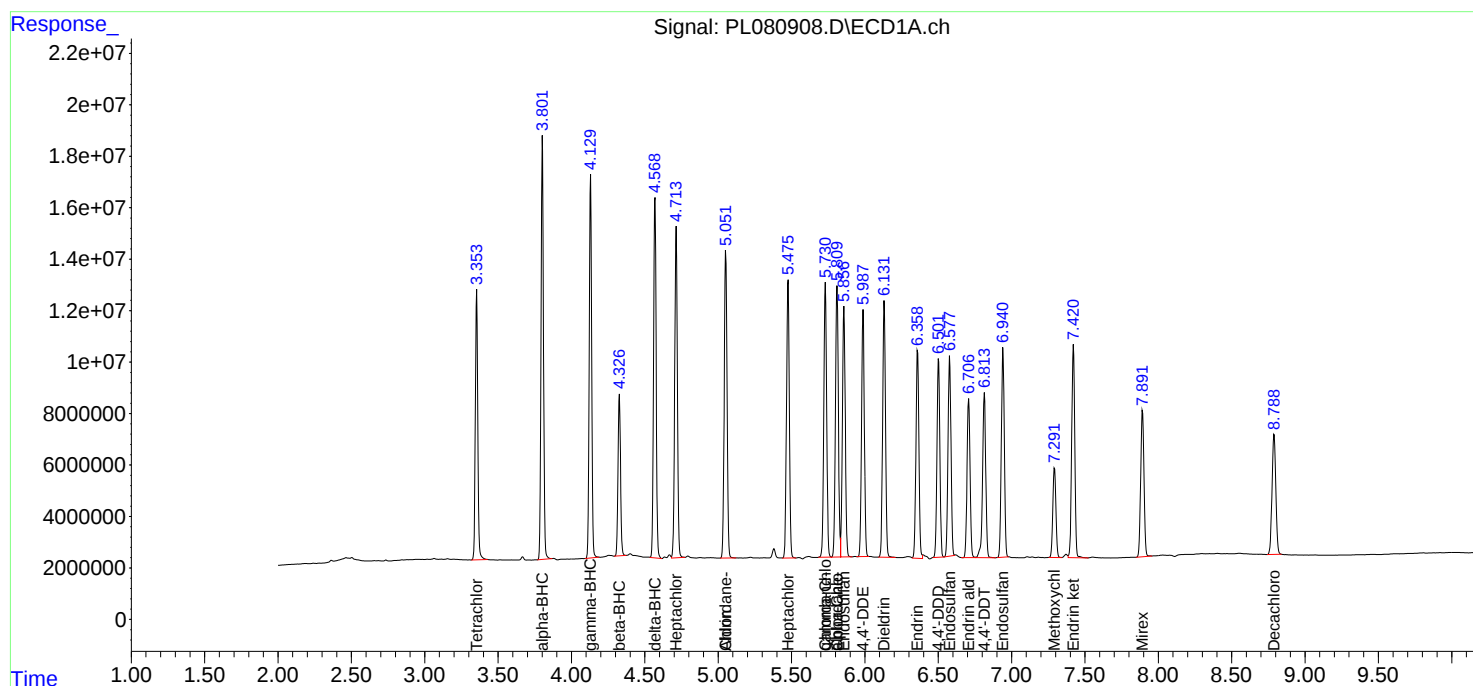
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

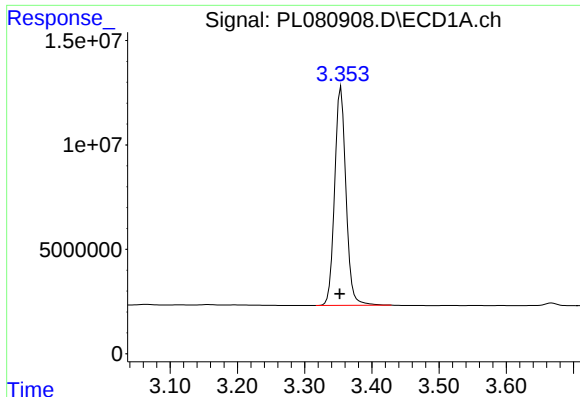
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080908.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 14:12  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:31:13 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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

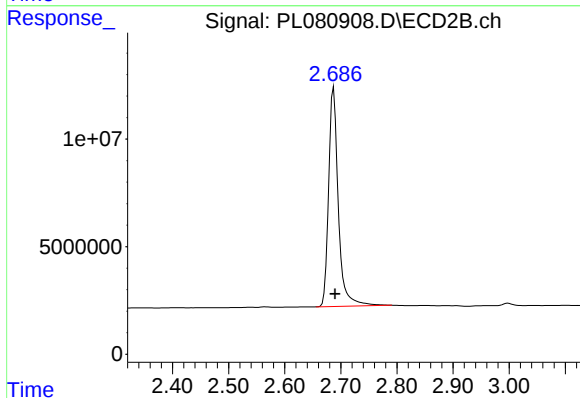




#1 Tetrachloro-m-xylene

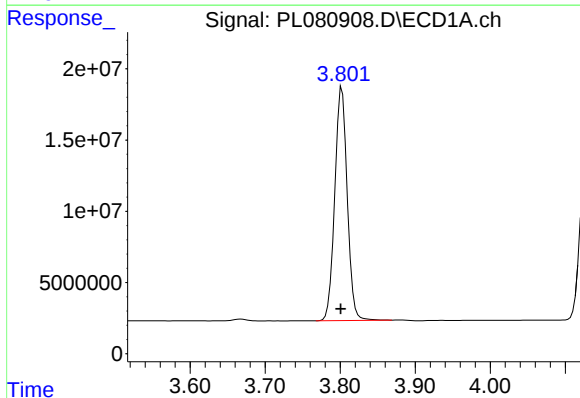
R.T.: 3.354 min  
Delta R.T.: 0.002 min  
Response: 121174231  
Conc: 56.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



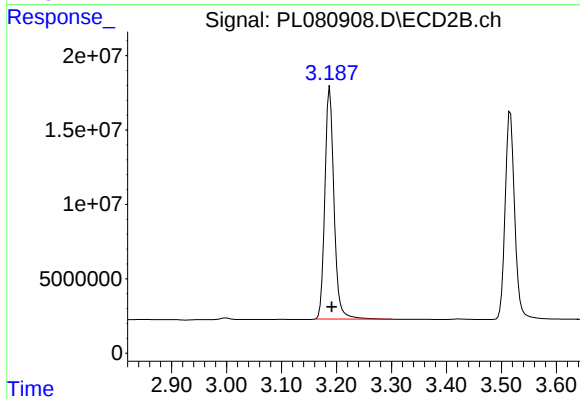
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.003 min  
Response: 122402099  
Conc: 55.73 ng/ml



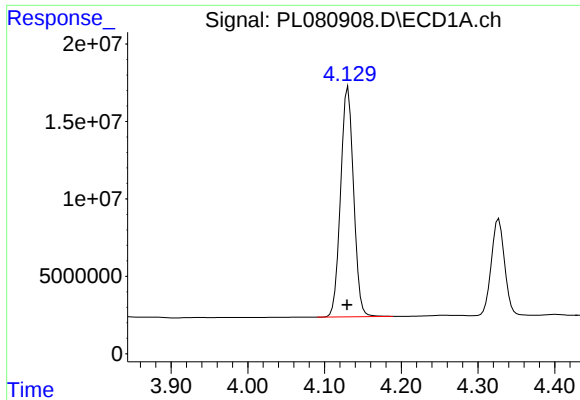
#2 alpha-BHC

R.T.: 3.802 min  
Delta R.T.: 0.002 min  
Response: 189157825  
Conc: 59.71 ng/ml



#2 alpha-BHC

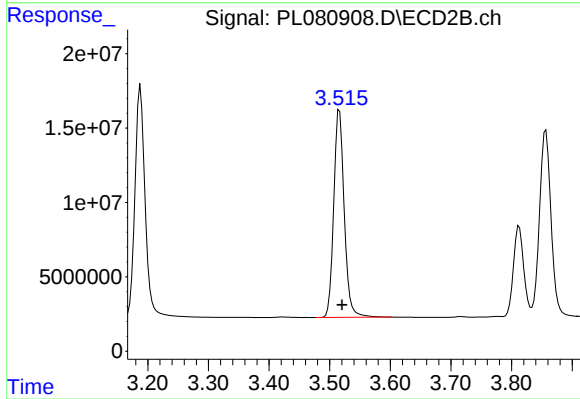
R.T.: 3.188 min  
Delta R.T.: -0.004 min  
Response: 180318184  
Conc: 56.70 ng/ml



#3 gamma-BHC (Lindane)

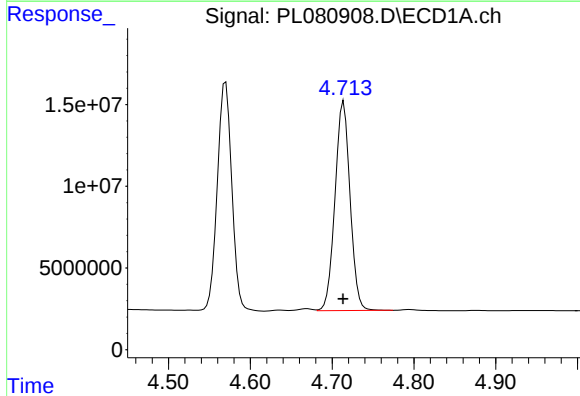
R.T.: 4.131 min  
Delta R.T.: 0.001 min  
Response: 174823711  
Conc: 59.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



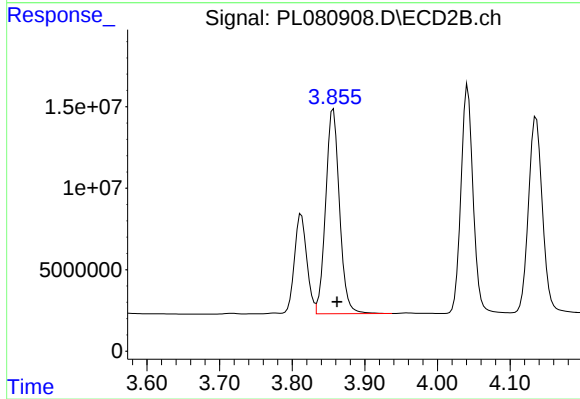
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: -0.004 min  
Response: 168080502  
Conc: 56.26 ng/ml



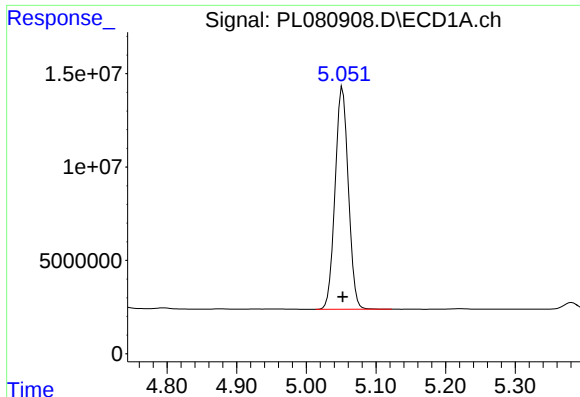
#4 Heptachlor

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 163884957  
Conc: 55.46 ng/ml



#4 Heptachlor

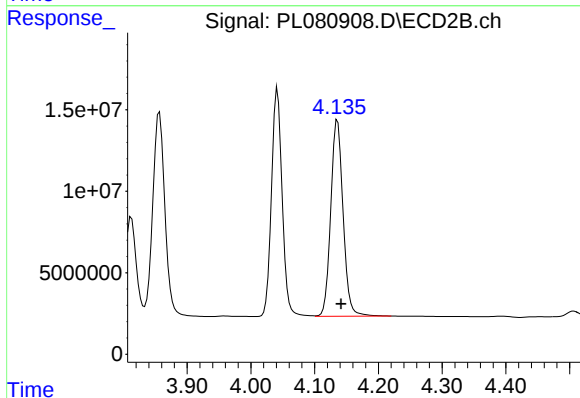
R.T.: 3.857 min  
Delta R.T.: -0.005 min  
Response: 166864817  
Conc: 52.43 ng/ml



#5 Aldrin

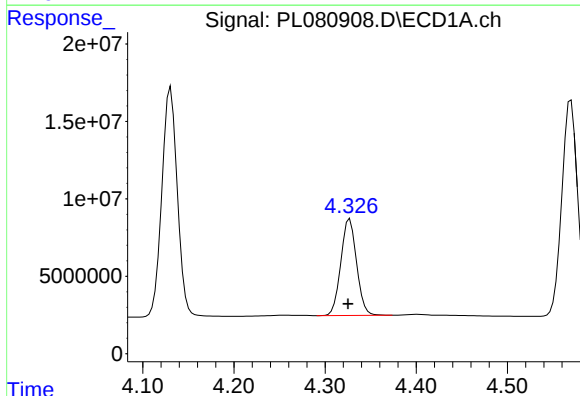
R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 157438132  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



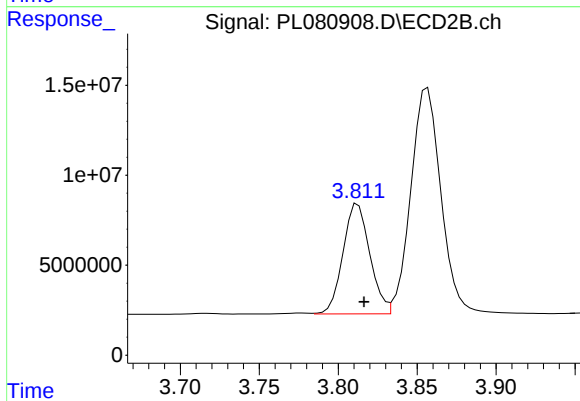
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.005 min  
Response: 162060848  
Conc: 54.94 ng/ml



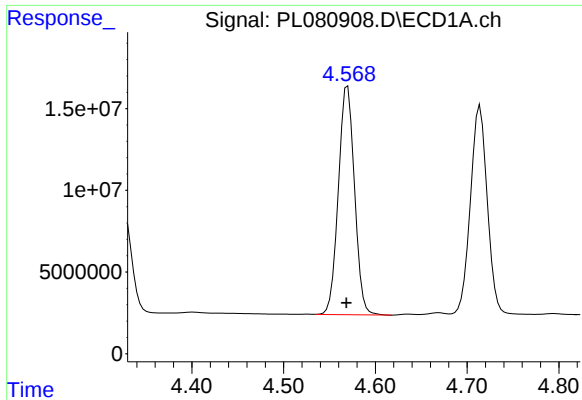
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: 0.002 min  
Response: 74819333  
Conc: 54.81 ng/ml



#6 beta-BHC

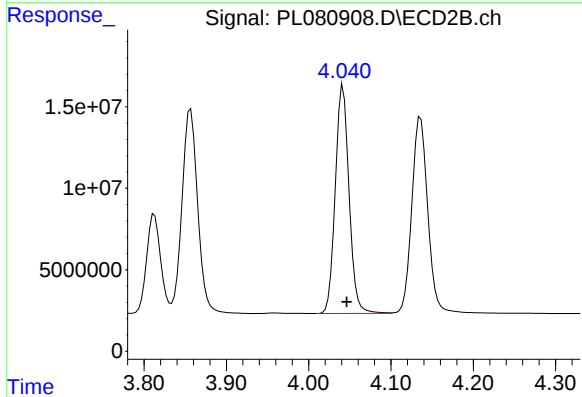
R.T.: 3.812 min  
Delta R.T.: -0.004 min  
Response: 72533206  
Conc: 54.35 ng/ml



#7 delta-BHC

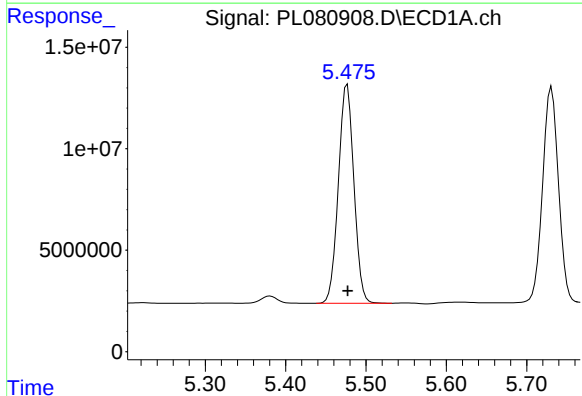
R.T.: 4.570 min  
Delta R.T.: 0.001 min  
Response: 171155481  
Conc: 59.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



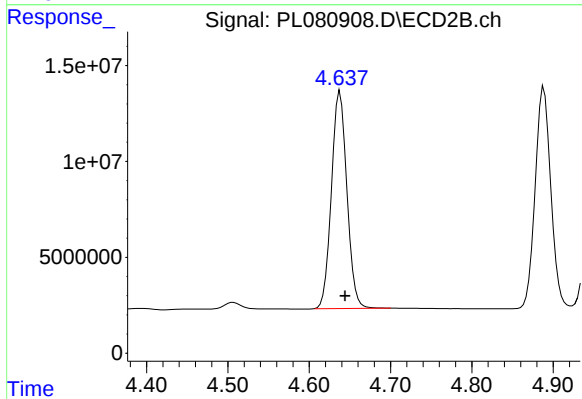
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.005 min  
Response: 162745060  
Conc: 56.42 ng/ml



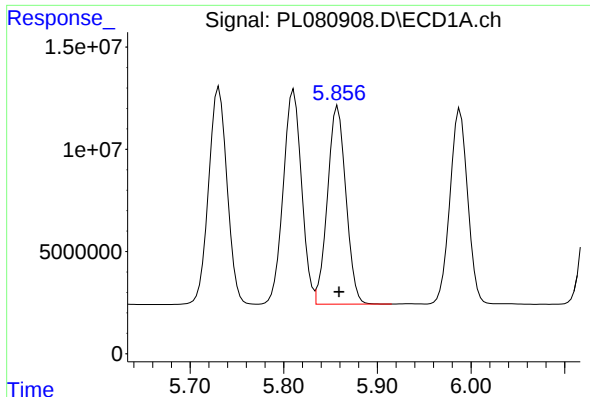
#8 Heptachlor epoxide

R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 144916944  
Conc: 56.02 ng/ml



#8 Heptachlor epoxide

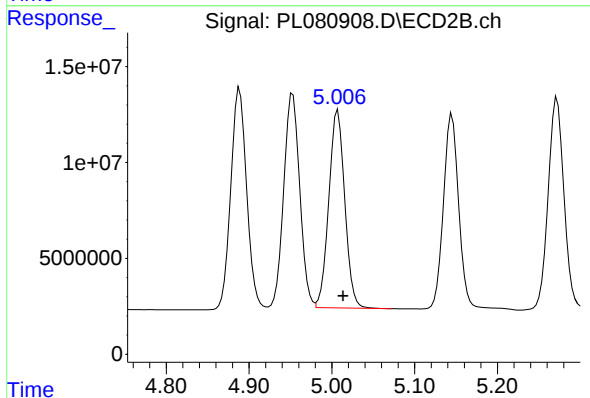
R.T.: 4.638 min  
Delta R.T.: -0.006 min  
Response: 150117063  
Conc: 53.95 ng/ml



#9 Endosulfan I

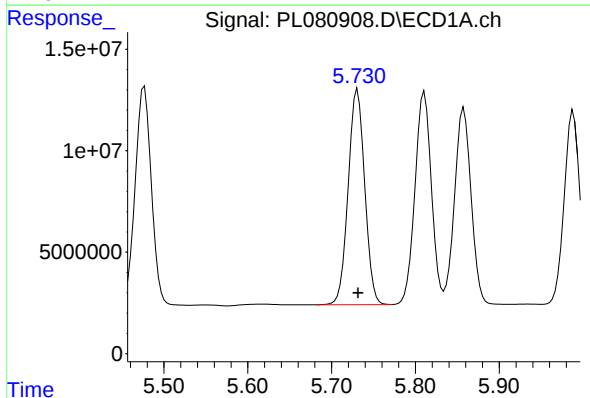
R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 132845231  
Conc: 56.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



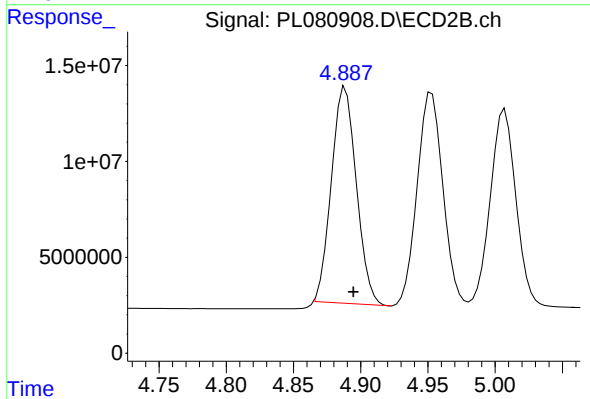
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.006 min  
Response: 137758320  
Conc: 52.96 ng/ml



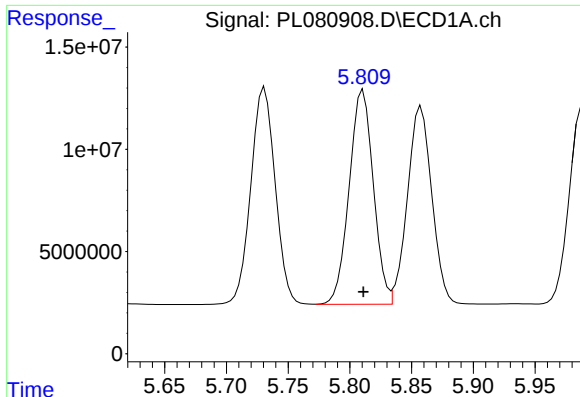
#10 gamma-Chlordane

R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 145876356  
Conc: 57.76 ng/ml



#10 gamma-Chlordane

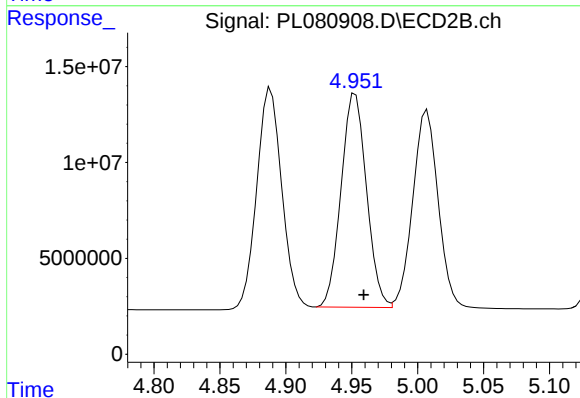
R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 144908893  
Conc: 51.13 ng/ml



#11 alpha-Chlordane

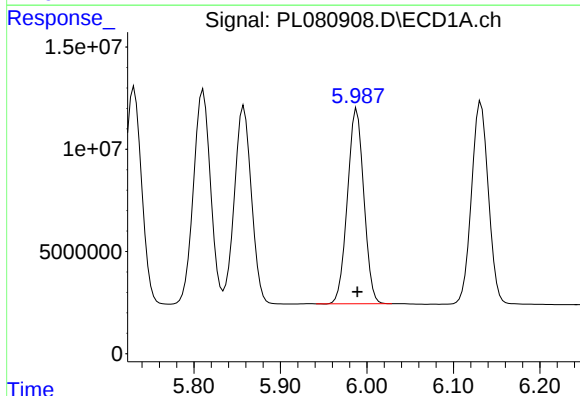
R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 143008046  
Conc: 56.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



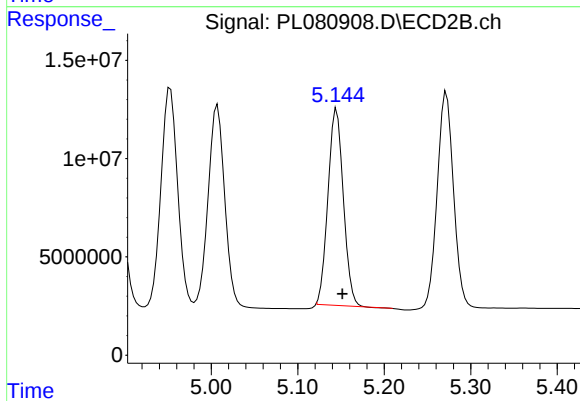
#11 alpha-Chlordane

R.T.: 4.953 min  
Delta R.T.: -0.006 min  
Response: 149275522  
Conc: 52.11 ng/ml



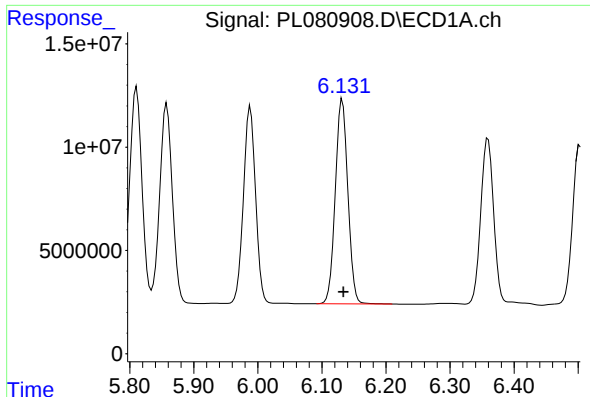
#12 4,4'-DDE

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 125217541  
Conc: 56.22 ng/ml



#12 4,4'-DDE

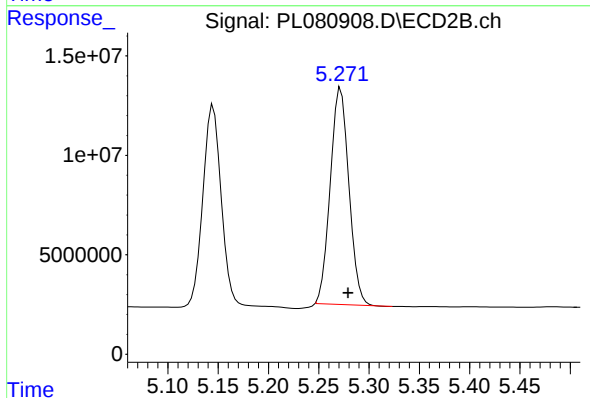
R.T.: 5.145 min  
Delta R.T.: -0.007 min  
Response: 123100331  
Conc: 52.19 ng/ml



#13 Dieldrin

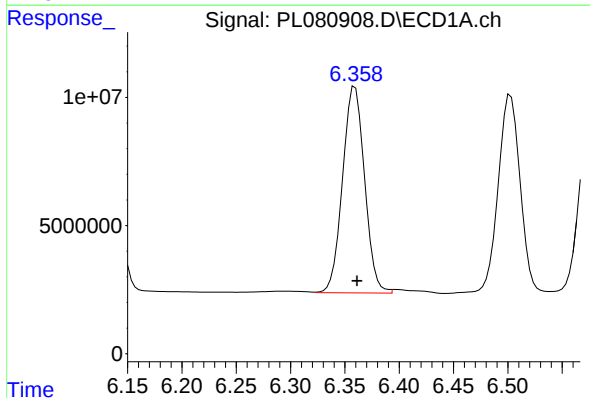
R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 135036640  
Conc: 56.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



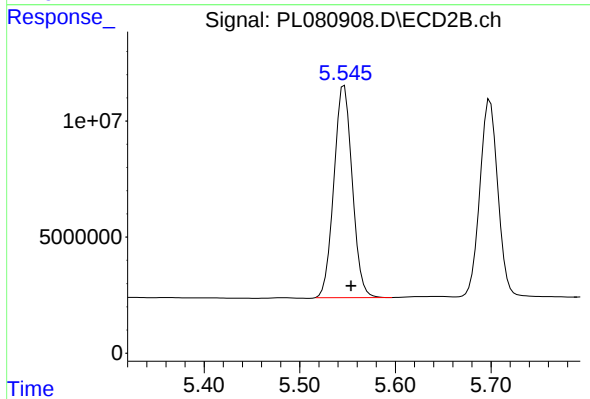
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: -0.007 min  
Response: 140259594  
Conc: 51.85 ng/ml



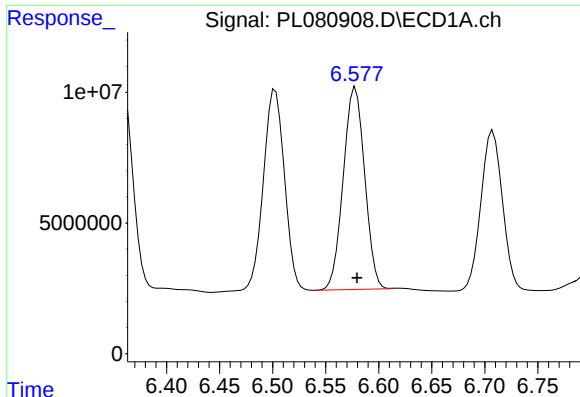
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 113747725  
Conc: 52.60 ng/ml



#14 Endrin

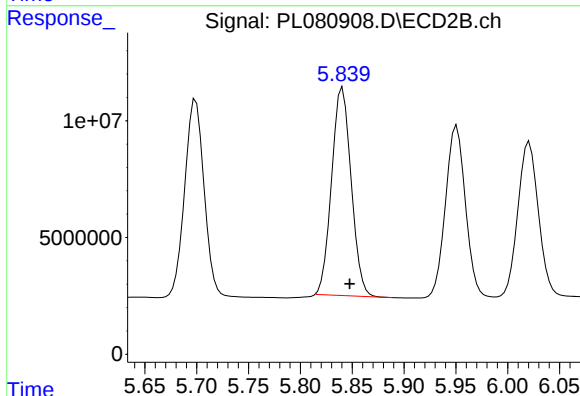
R.T.: 5.547 min  
Delta R.T.: -0.007 min  
Response: 121565282  
Conc: 52.37 ng/ml



#15 Endosulfan II

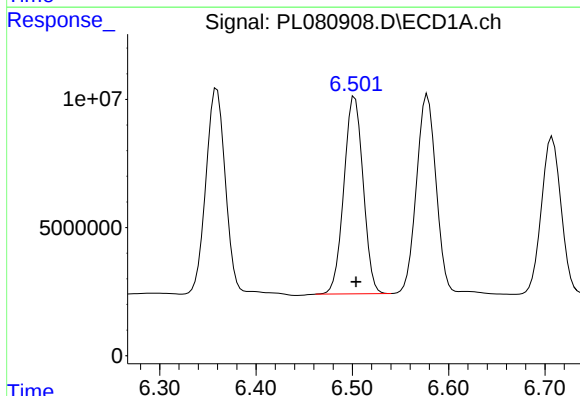
R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 108572327  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



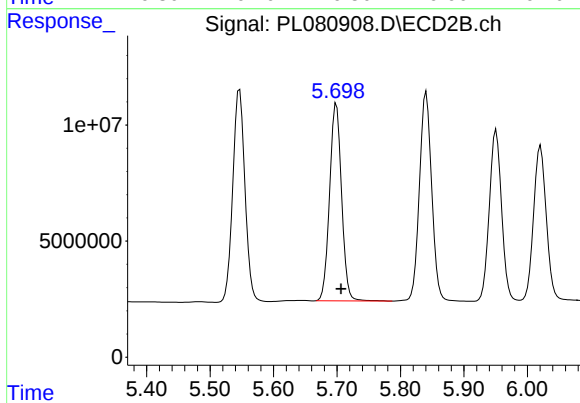
#15 Endosulfan II

R.T.: 5.841 min  
Delta R.T.: -0.007 min  
Response: 116799873  
Conc: 56.05 ng/ml



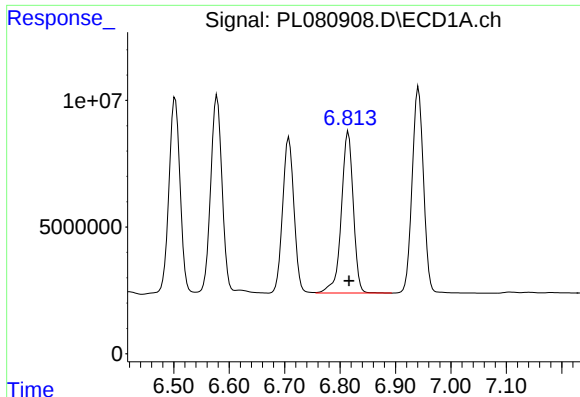
#16 4,4'-DDD

R.T.: 6.503 min  
Delta R.T.: -0.001 min  
Response: 106478342  
Conc: 58.12 ng/ml



#16 4,4'-DDD

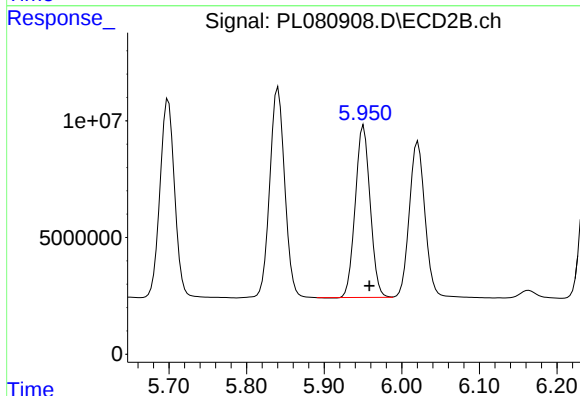
R.T.: 5.699 min  
Delta R.T.: -0.007 min  
Response: 111633091  
Conc: 59.40 ng/ml



#17 4,4'-DDT

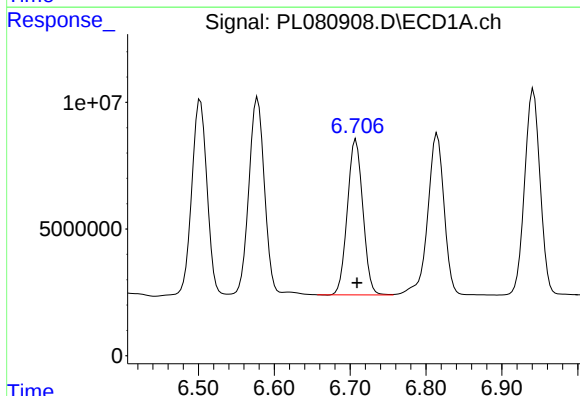
R.T.: 6.815 min  
Delta R.T.: -0.001 min  
Response: 95449159  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



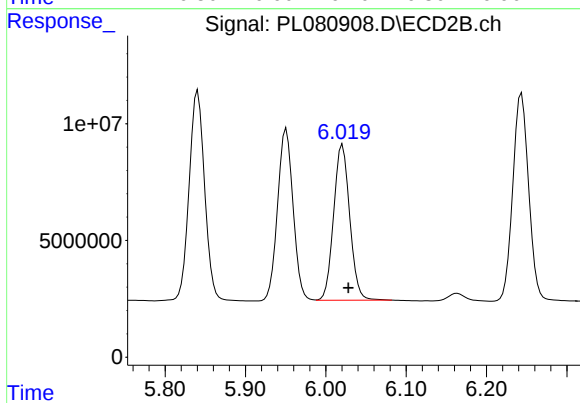
#17 4,4'-DDT

R.T.: 5.951 min  
Delta R.T.: -0.007 min  
Response: 98222006  
Conc: 46.74 ng/ml



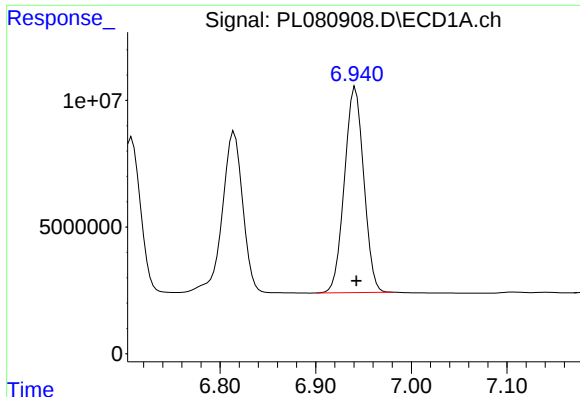
#18 Endrin aldehyde

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 87096331  
Conc: 52.36 ng/ml



#18 Endrin aldehyde

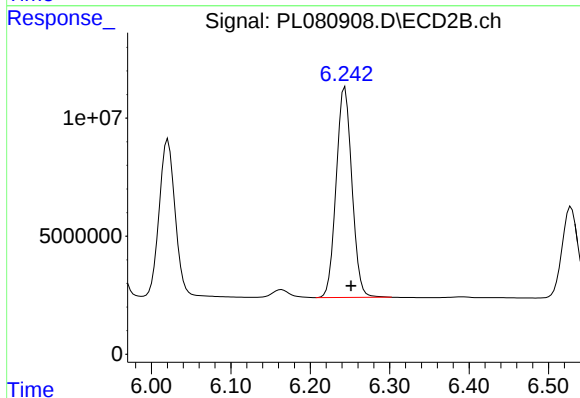
R.T.: 6.021 min  
Delta R.T.: -0.007 min  
Response: 92947463  
Conc: 50.90 ng/ml



#19 Endosulfan Sulfate

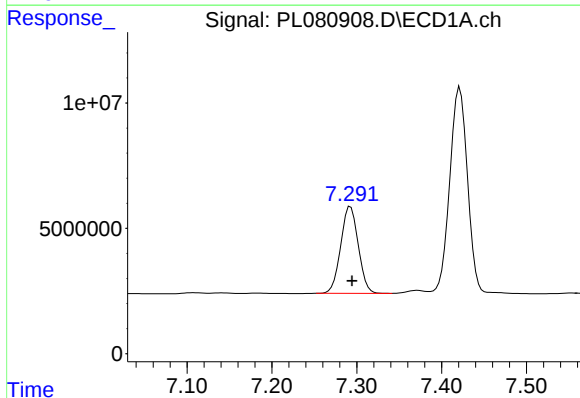
R.T.: 6.942 min  
Delta R.T.: -0.001 min  
Response: 114238180  
Conc: 55.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



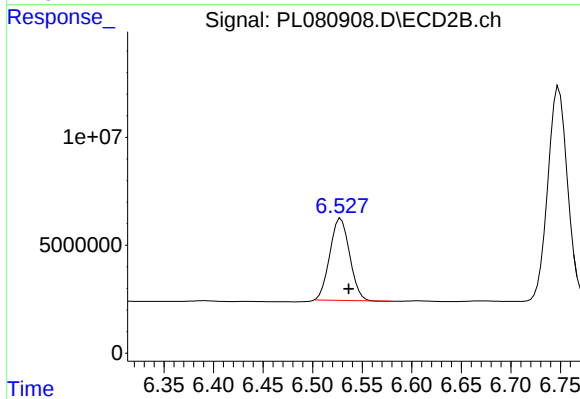
#19 Endosulfan Sulfate

R.T.: 6.244 min  
Delta R.T.: -0.008 min  
Response: 122662628  
Conc: 52.74 ng/ml



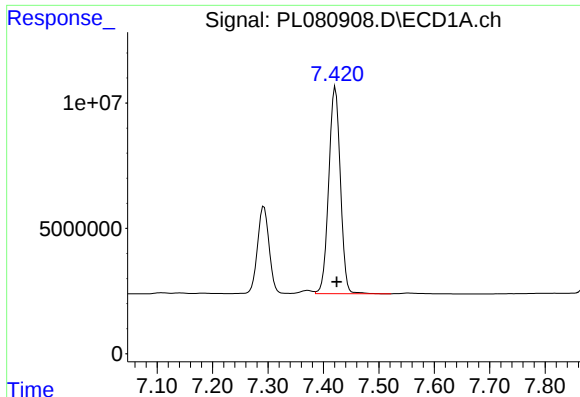
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.002 min  
Response: 49826190  
Conc: 45.16 ng/ml



#20 Methoxychlor

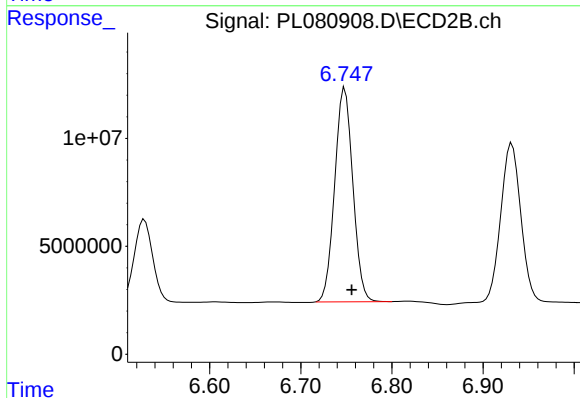
R.T.: 6.528 min  
Delta R.T.: -0.008 min  
Response: 52819567  
Conc: 43.53 ng/ml



#21 Endrin ketone

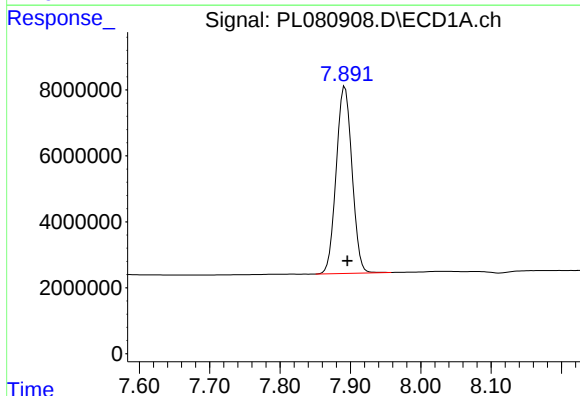
R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 120450850  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



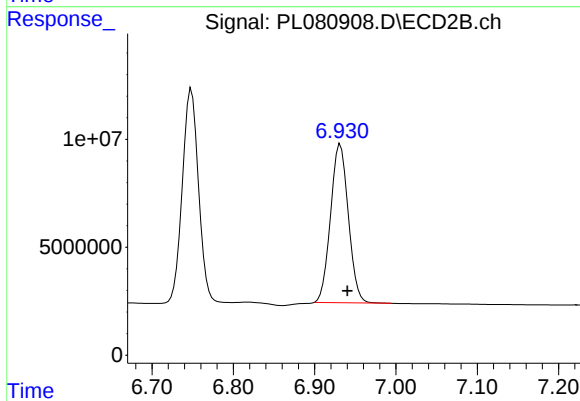
#21 Endrin ketone

R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: 137264433  
Conc: 53.76 ng/ml



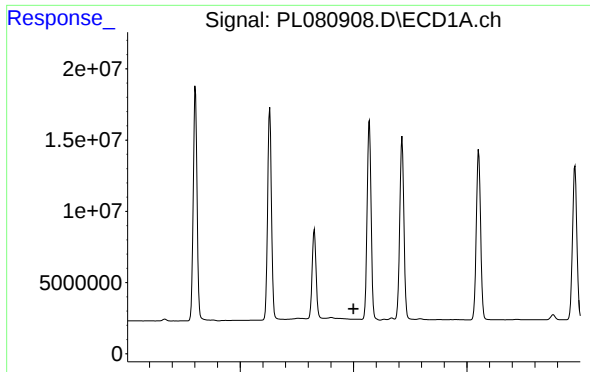
#22 Mirex

R.T.: 7.892 min  
Delta R.T.: -0.003 min  
Response: 88450083  
Conc: 51.43 ng/ml



#22 Mirex

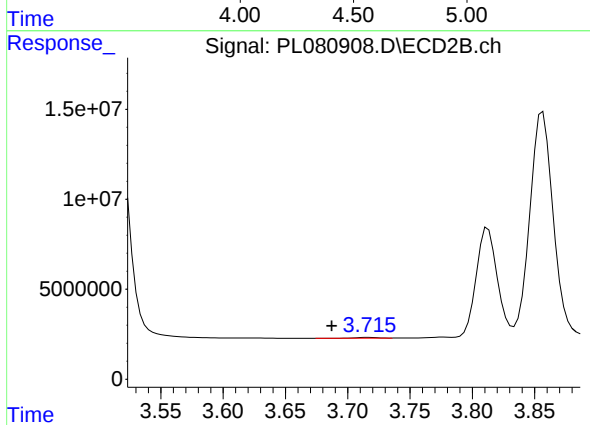
R.T.: 6.932 min  
Delta R.T.: -0.008 min  
Response: 111731469  
Conc: 49.08 ng/ml



#23 Chlordane-1

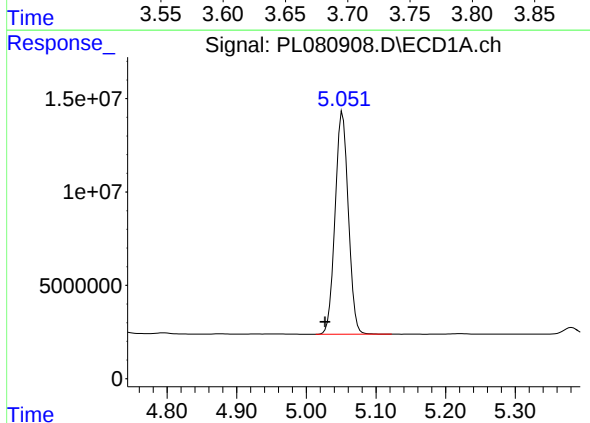
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



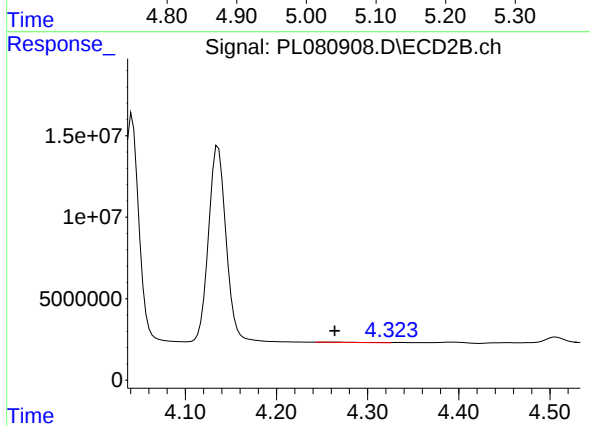
#23 Chlordane-1

R.T.: 3.717 min  
Delta R.T.: 0.030 min  
Response: 551321  
Conc: 6.77 ng/ml



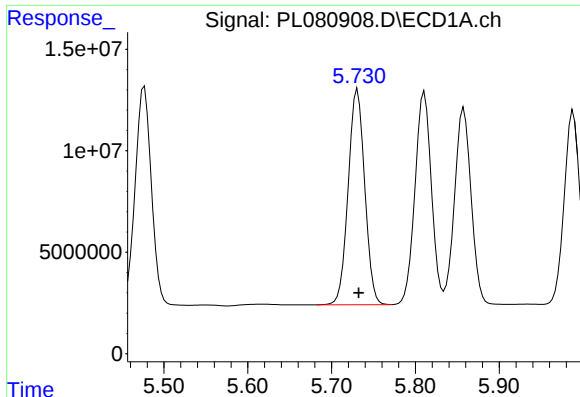
#24 Chlordane-2

R.T.: 5.052 min  
Delta R.T.: 0.025 min  
Response: 157438132  
Conc: 1632.34 ng/ml



#24 Chlordane-2

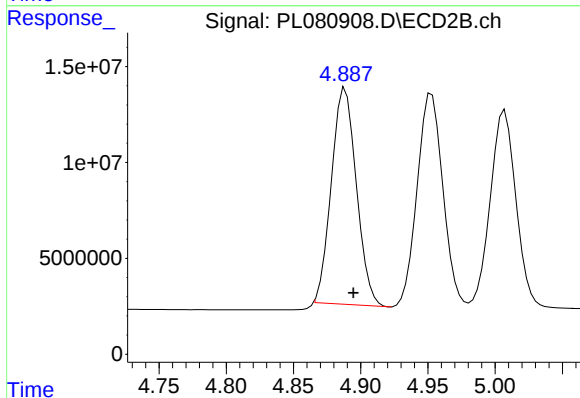
R.T.: 4.267 min  
Delta R.T.: 0.003 min  
Response: 299751  
Conc: 3.32 ng/ml



#25 Chlordane-3

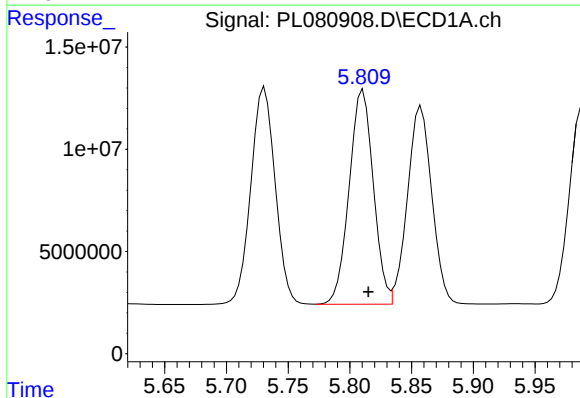
R.T.: 5.731 min  
Delta R.T.: -0.001 min  
Response: 145876356  
Conc: 431.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



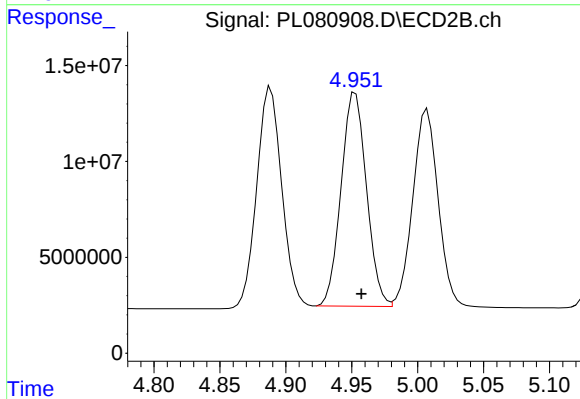
#25 Chlordane-3

R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 144908893  
Conc: 549.43 ng/ml



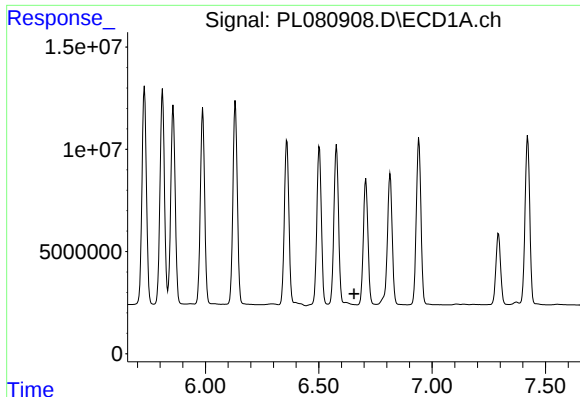
#26 Chlordane-4

R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 143008046  
Conc: 331.49 ng/ml



#26 Chlordane-4

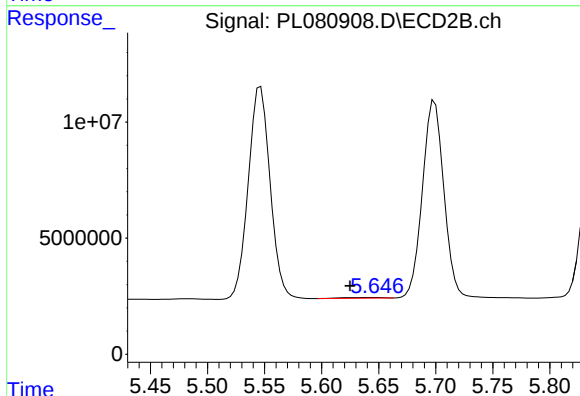
R.T.: 4.953 min  
Delta R.T.: -0.004 min  
Response: 149275522  
Conc: 554.31 ng/ml



#27 Chlordane-5

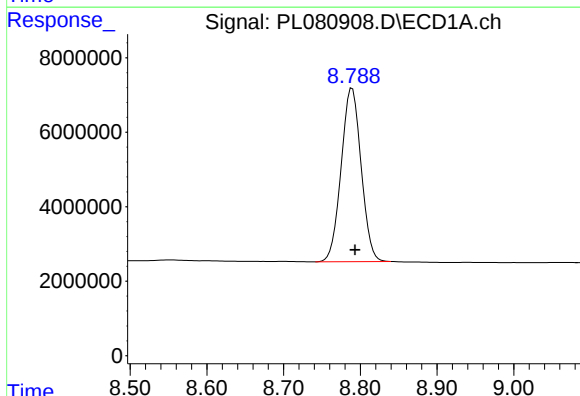
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



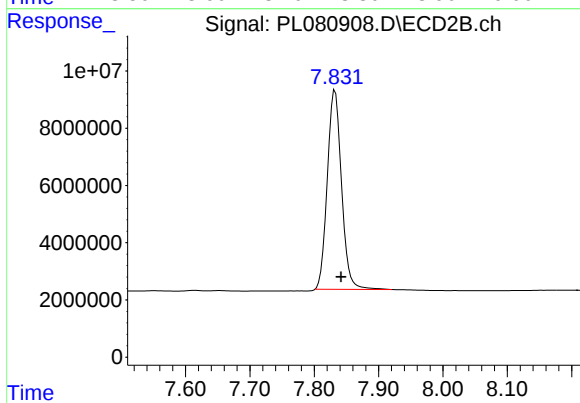
#27 Chlordane-5

R.T.: 5.648 min  
Delta R.T.: 0.023 min  
Response: 718424  
Conc: 10.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.004 min  
Response: 84543079  
Conc: 48.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.010 min  
Response: 107041905  
Conc: 44.93 ng/ml