

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
 Data File : PL082527.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2023 20:05  
 Operator : AR\AJ  
 Sample : 02604-01MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 21:28:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320  | 2.643 | 51182602 | 43050049 | 19.161   | 18.582     |
| 28)                         | SA Decachlor... | 8.739  | 7.752 | 35899072 | 40769035 | 18.804   | 17.862     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.769  | 3.140 | 179.5E6  | 147.4E6  | 45.109   | 43.310     |
| 3)                          | MA gamma-BHC... | 4.098  | 3.468 | 177.1E6  | 146.9E6  | 47.363   | 45.690     |
| 4)                          | MA Heptachlor   | 4.676  | 3.799 | 167.4E6  | 147.6E6  | 45.804   | 43.122     |
| 5)                          | MB Aldrin       | 5.013  | 4.076 | 160.2E6  | 149.3E6  | 48.585   | 47.412     |
| 6)                          | B beta-BHC      | 4.301  | 3.767 | 76970143 | 59224282 | 45.131   | 43.407     |
| 7)                          | B delta-BHC     | 4.542  | 3.994 | 133.7E6  | 112.0E6  | 37.161   | 36.509     |
| 8)                          | B Heptachlo...  | 5.439  | 4.577 | 146.4E6  | 134.5E6  | 48.007   | 46.685     |
| 9)                          | A Endosulfan I  | 5.819  | 4.944 | 130.3E6  | 124.5E6  | 46.977   | 46.625     |
| 10)                         | B gamma-Chl...  | 5.693  | 4.826 | 149.6E6  | 133.9E6  | 49.761   | 46.140     |
| 11)                         | B alpha-Chl...  | 5.772  | 4.889 | 141.6E6  | 135.3E6  | 47.448   | 46.620     |
| 12)                         | B 4,4'-DDE      | 5.950  | 5.079 | 125.9E6  | 113.4E6  | 49.530   | 49.324     |
| 13)                         | MA Dieldrin     | 6.093  | 5.208 | 137.0E6  | 130.2E6  | 49.659   | 48.197     |
| 14)                         | MA Endrin       | 6.321  | 5.482 | 117.7E6  | 115.3E6  | 48.564   | 47.147     |
| 15)                         | B Endosulfa...  | 6.543  | 5.779 | 115.3E6  | 115.3E6  | 47.378   | 51.163     |
| 16)                         | A 4,4'-DDD      | 6.466  | 5.634 | 100.7E6  | 92947341 | 49.698   | 49.694     |
| 17)                         | MA 4,4'-DDT     | 6.777  | 5.882 | 105.1E6  | 103.7E6  | 45.957   | 49.100     |
| 18)                         | B Endrin al...  | 6.673  | 5.958 | 97853134 | 96580079 | 51.934   | 51.609     |
| 19)                         | B Endosulfa...  | 6.908  | 6.182 | 111.2E6  | 110.2E6  | 46.895   | 46.828     |
| 20)                         | A Methoxychlor  | 7.257  | 6.461 | 60279421 | 58979516 | 49.396   | 48.670     |
| 21)                         | B Endrin ke...  | 7.387  | 6.686 | 122.0E6  | 124.2E6  | 50.962   | 48.947     |
| 22)                         | Mirex           | 7.851  | 6.857 | 92453467 | 103.4E6  | 47.259   | 44.872     |
| 23)                         | Chlordane-1     | 0.000  | 3.648 | 0        | 541750   | N.D.     | 6.109 #    |
| 24)                         | Chlordane-2     | 5.013f | 4.215 | 160.2E6  | 1761244  | 1345.739 | 15.705 #   |
| 25)                         | Chlordane-3     | 5.693  | 4.826 | 149.6E6  | 133.9E6  | 346.592  | 471.263 #  |
| 26)                         | Chlordane-4     | 5.772  | 4.889 | 141.6E6  | 135.3E6  | 272.379  | 453.506 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.779 | 0        | 115.3E6  | N.D.     | 1168.309 # |
| -----                       |                 |        |       |          |          |          |            |

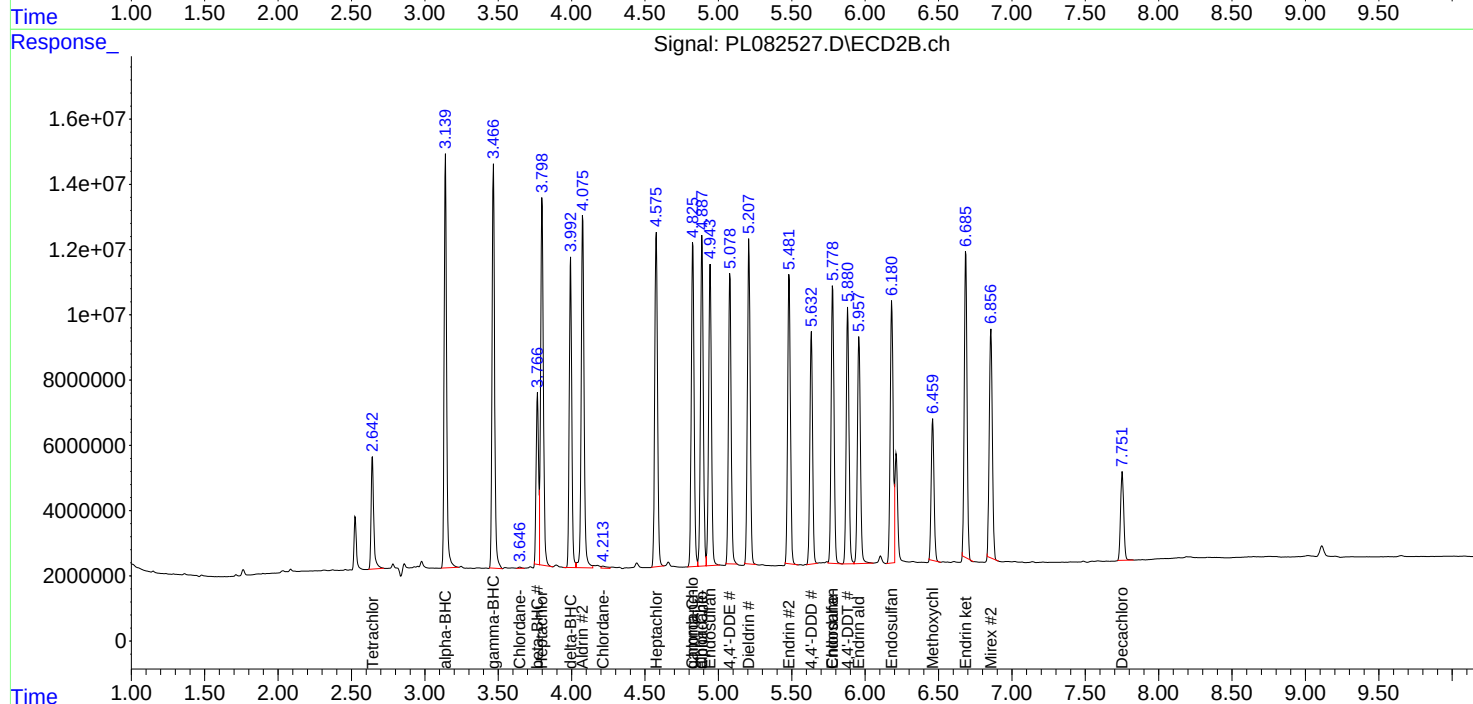
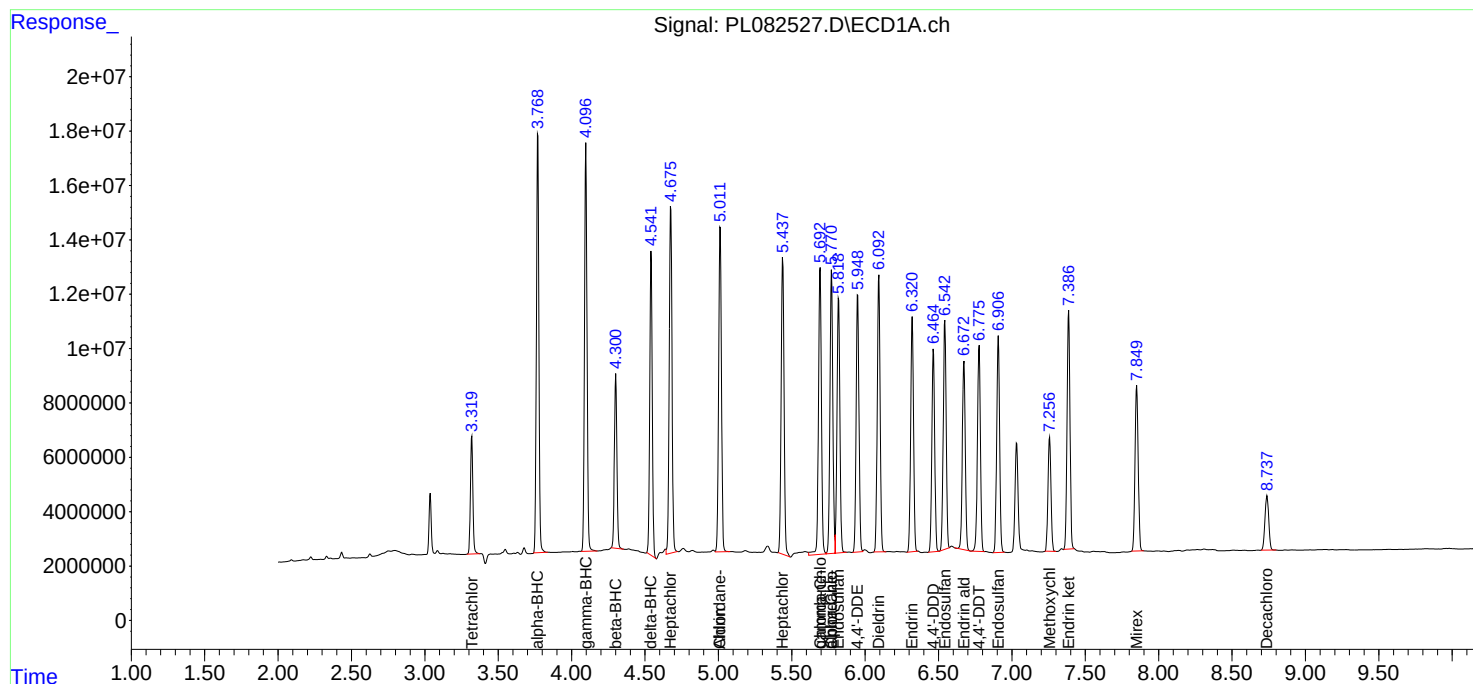
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

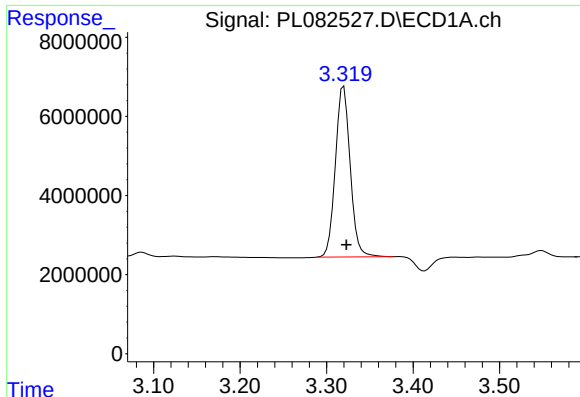
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
Data File : PL082527.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2023 20:05  
Operator : AR\AJ  
Sample : 02604-01MSD  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 21:28:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

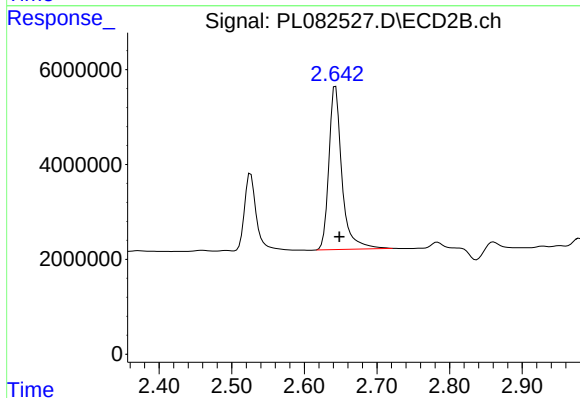




#1 Tetrachloro-m-xylene

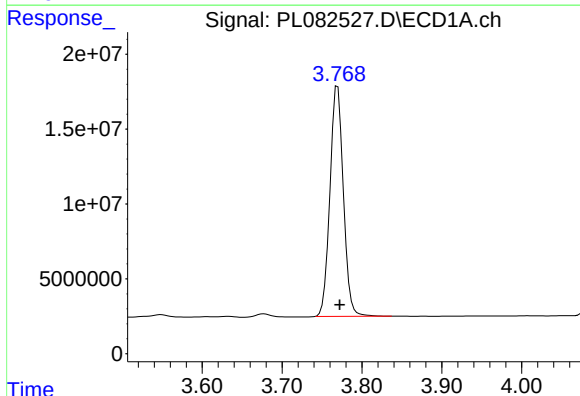
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 51182602  
Conc: 19.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



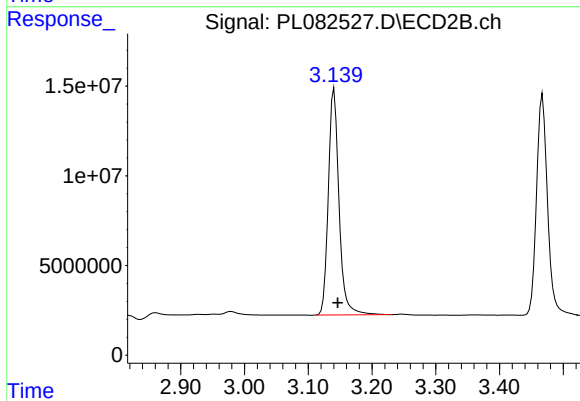
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.005 min  
Response: 43050049  
Conc: 18.58 ng/ml



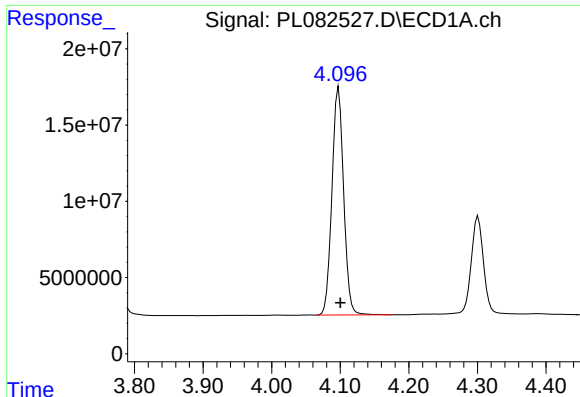
#2 alpha-BHC

R.T.: 3.769 min  
Delta R.T.: -0.003 min  
Response: 179545818  
Conc: 45.11 ng/ml



#2 alpha-BHC

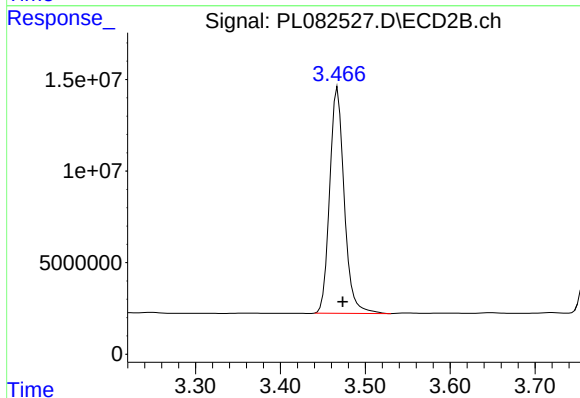
R.T.: 3.140 min  
Delta R.T.: -0.006 min  
Response: 147405065  
Conc: 43.31 ng/ml



#3 gamma-BHC (Lindane)

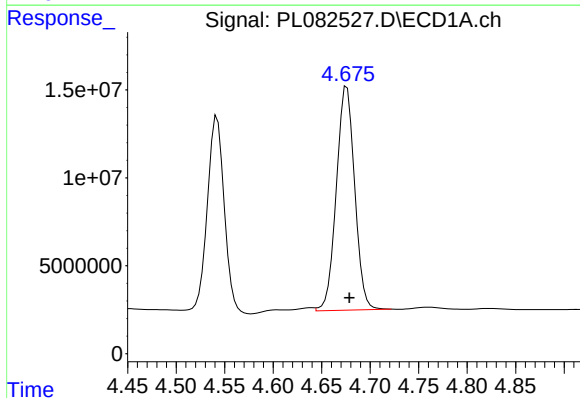
R.T.: 4.098 min  
Delta R.T.: -0.003 min  
Response: 177087323  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



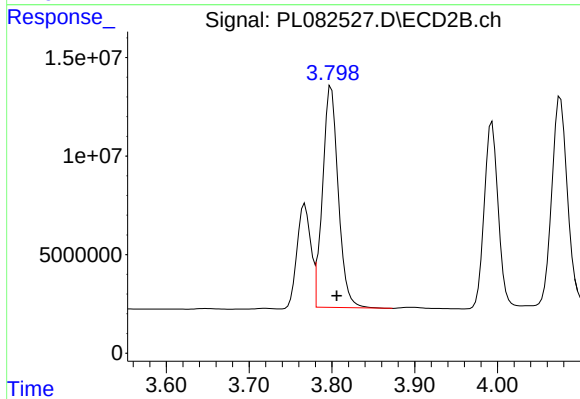
#3 gamma-BHC (Lindane)

R.T.: 3.468 min  
Delta R.T.: -0.006 min  
Response: 146906147  
Conc: 45.69 ng/ml



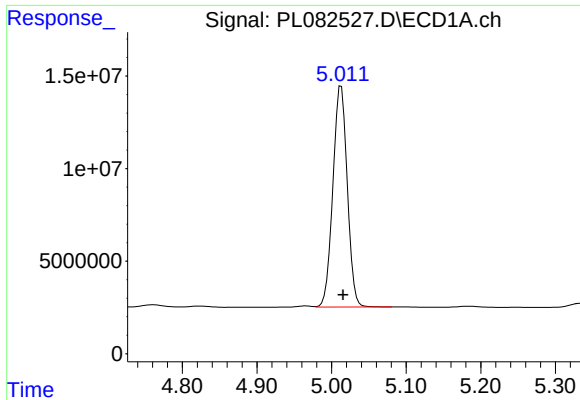
#4 Heptachlor

R.T.: 4.676 min  
Delta R.T.: -0.003 min  
Response: 167363213  
Conc: 45.80 ng/ml



#4 Heptachlor

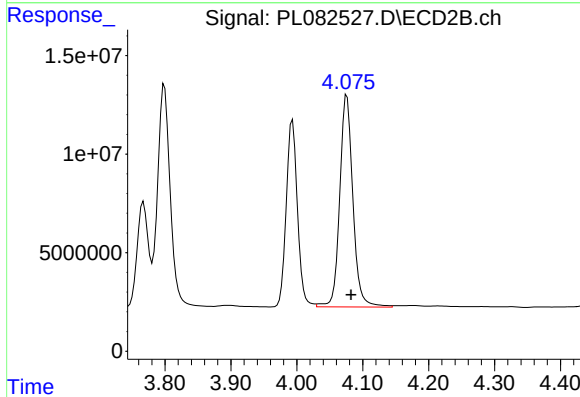
R.T.: 3.799 min  
Delta R.T.: -0.007 min  
Response: 147616732  
Conc: 43.12 ng/ml



#5 Aldrin

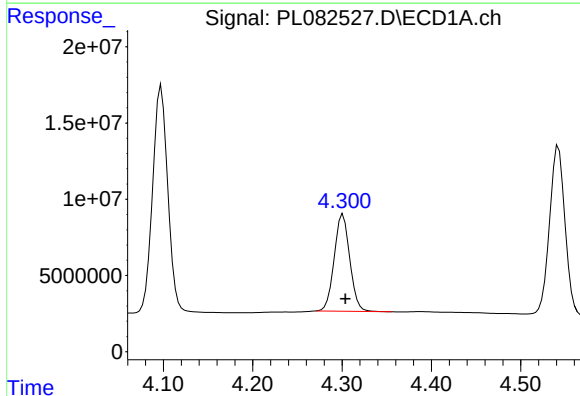
R.T.: 5.013 min  
Delta R.T.: -0.003 min  
Response: 160213525  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



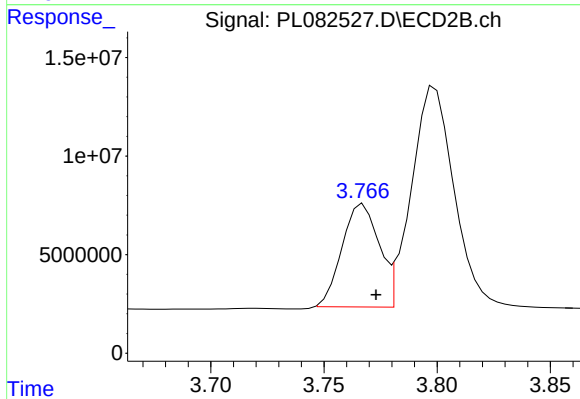
#5 Aldrin

R.T.: 4.076 min  
Delta R.T.: -0.006 min  
Response: 149341057  
Conc: 47.41 ng/ml



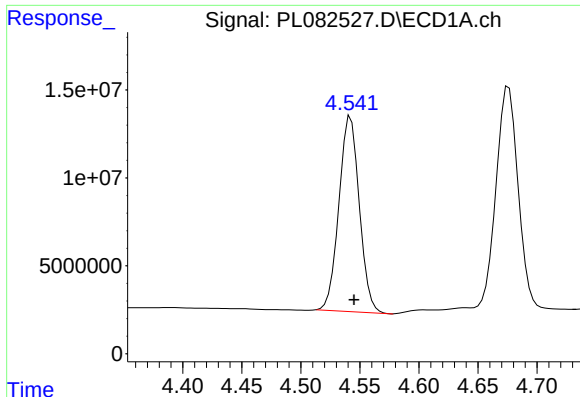
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.002 min  
Response: 76970143  
Conc: 45.13 ng/ml



#6 beta-BHC

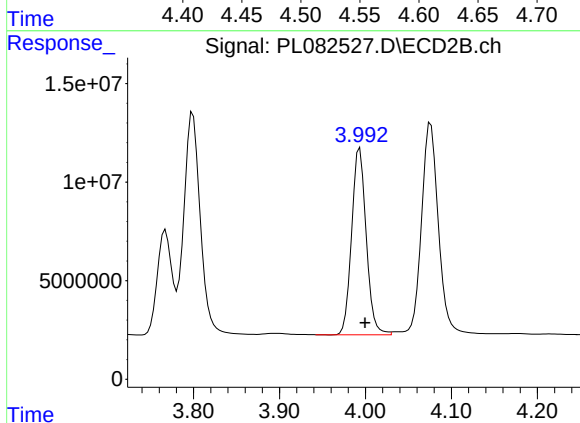
R.T.: 3.767 min  
Delta R.T.: -0.006 min  
Response: 59224282  
Conc: 43.41 ng/ml



#7 delta-BHC

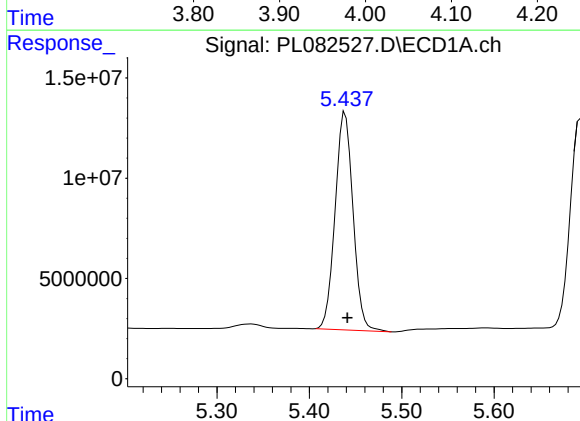
R.T.: 4.542 min  
Delta R.T.: -0.003 min  
Response: 133696385  
Conc: 37.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



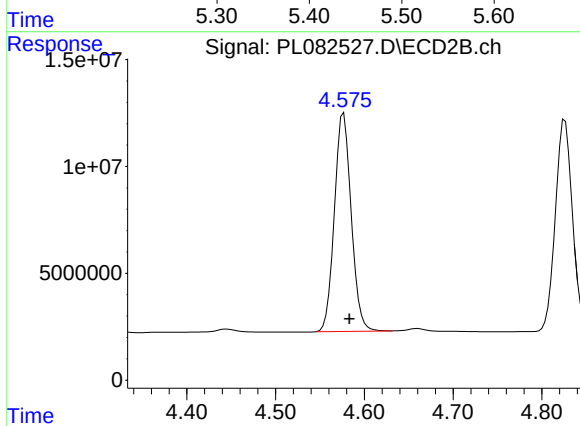
#7 delta-BHC

R.T.: 3.994 min  
Delta R.T.: -0.006 min  
Response: 111986017  
Conc: 36.51 ng/ml



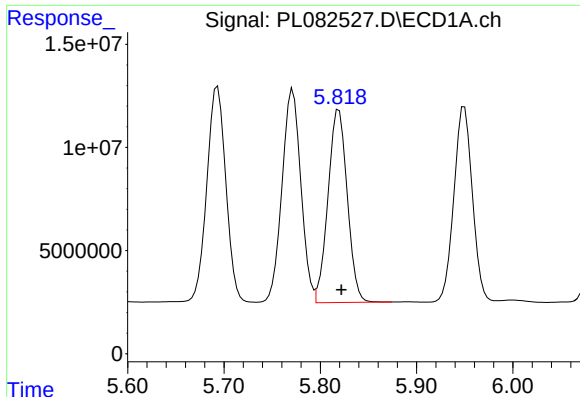
#8 Heptachlor epoxide

R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 146439163  
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

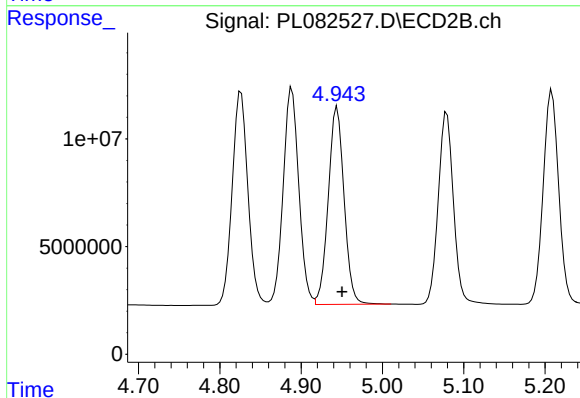
R.T.: 4.577 min  
Delta R.T.: -0.007 min  
Response: 134493249  
Conc: 46.68 ng/ml



#9 Endosulfan I

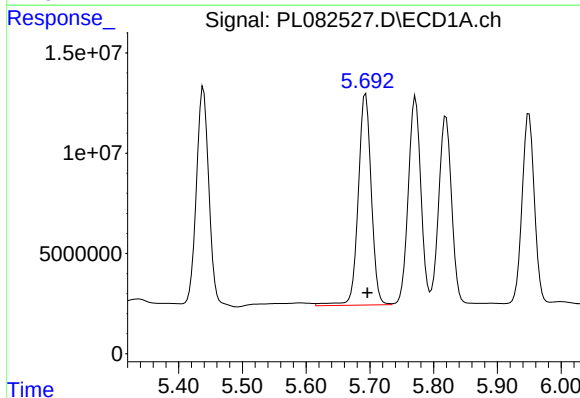
R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 130254836  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



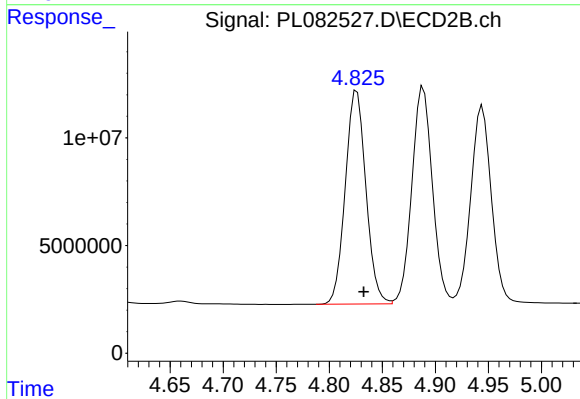
#9 Endosulfan I

R.T.: 4.944 min  
Delta R.T.: -0.006 min  
Response: 124462495  
Conc: 46.62 ng/ml



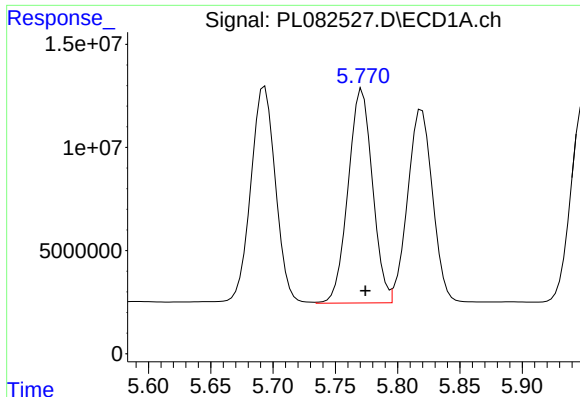
#10 gamma-Chlordane

R.T.: 5.693 min  
Delta R.T.: -0.003 min  
Response: 149624882  
Conc: 49.76 ng/ml



#10 gamma-Chlordane

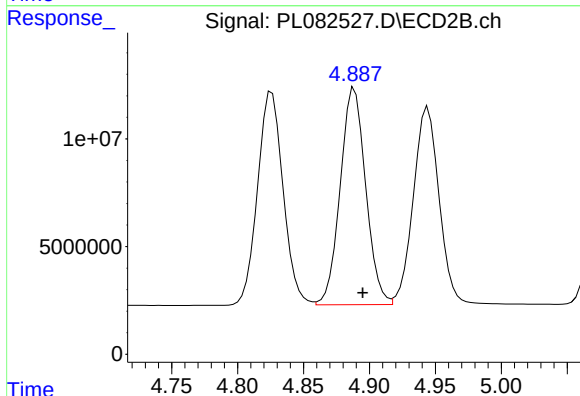
R.T.: 4.826 min  
Delta R.T.: -0.007 min  
Response: 133890269  
Conc: 46.14 ng/ml



#11 alpha-Chlordane

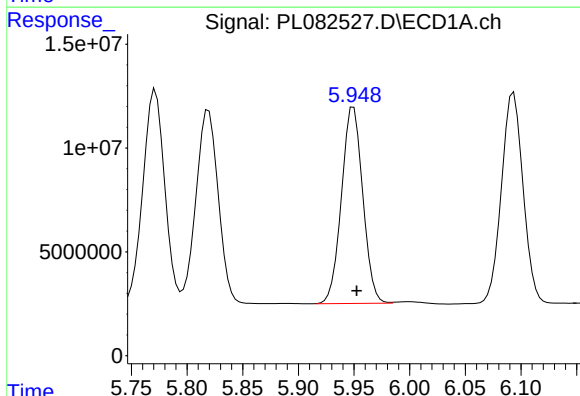
R.T.: 5.772 min  
Delta R.T.: -0.002 min  
Response: 141613827  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



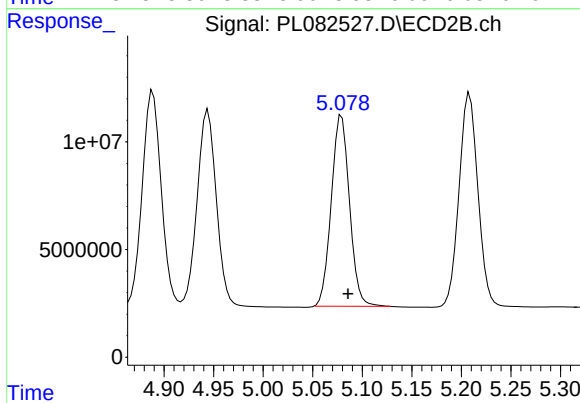
#11 alpha-Chlordane

R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 135329305  
Conc: 46.62 ng/ml



#12 4,4'-DDE

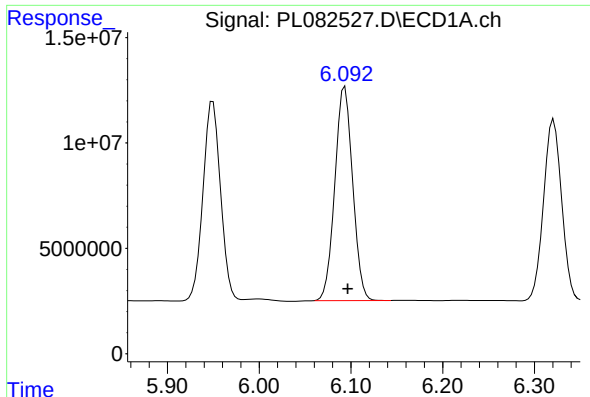
R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 125906274  
Conc: 49.53 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min  
Delta R.T.: -0.006 min  
Response: 113394904  
Conc: 49.32 ng/ml

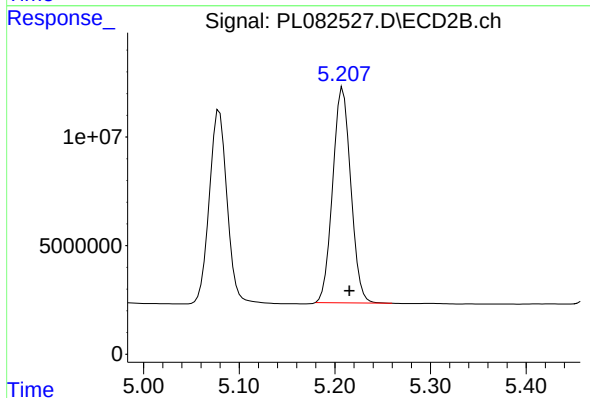




#13 Dieldrin

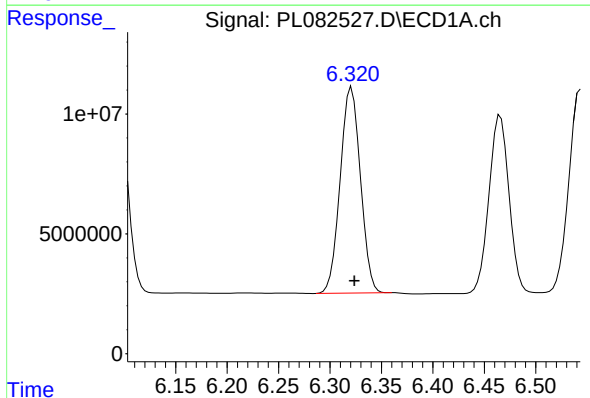
R.T.: 6.093 min  
Delta R.T.: -0.003 min  
Response: 137015122  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



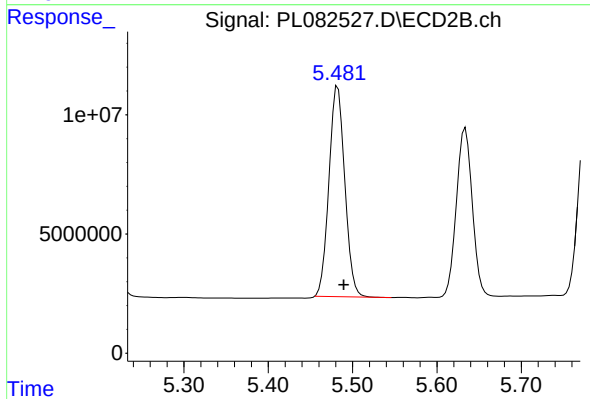
#13 Dieldrin

R.T.: 5.208 min  
Delta R.T.: -0.007 min  
Response: 130150303  
Conc: 48.20 ng/ml



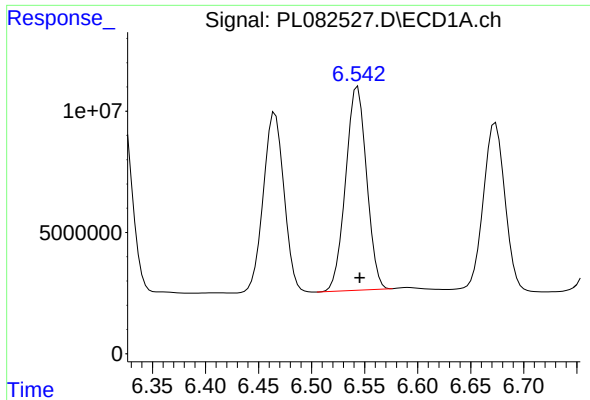
#14 Endrin

R.T.: 6.321 min  
Delta R.T.: -0.003 min  
Response: 117746070  
Conc: 48.56 ng/ml



#14 Endrin

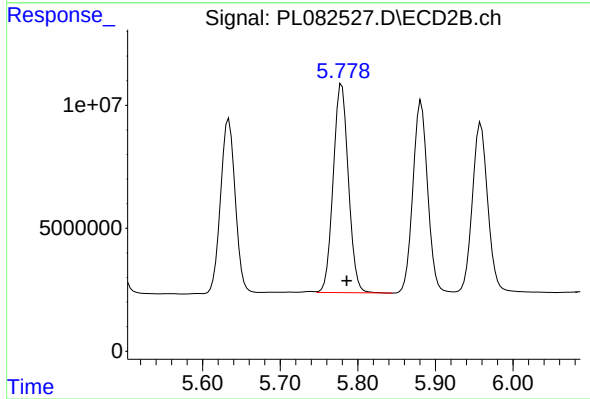
R.T.: 5.482 min  
Delta R.T.: -0.007 min  
Response: 115319965  
Conc: 47.15 ng/ml



#15 Endosulfan II

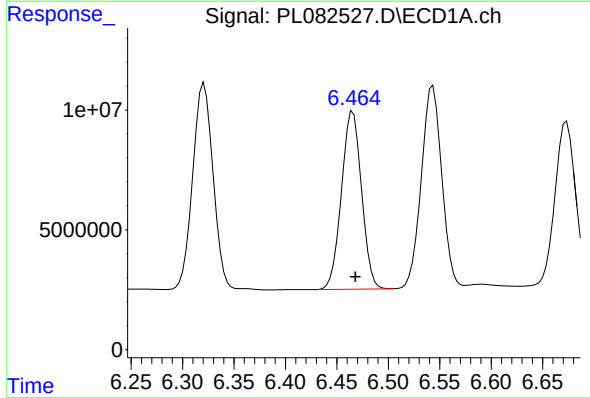
R.T.: 6.543 min  
Delta R.T.: -0.002 min  
Response: 115344622  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



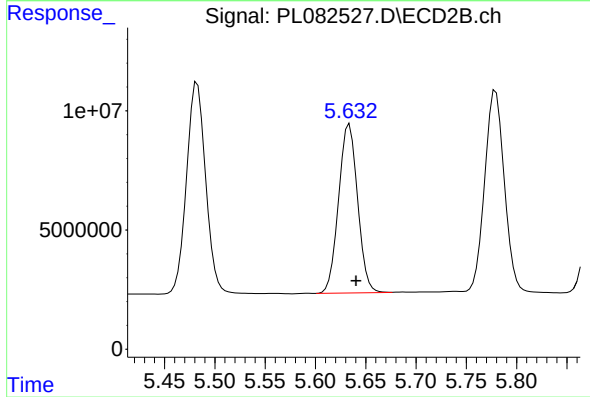
#15 Endosulfan II

R.T.: 5.779 min  
Delta R.T.: -0.006 min  
Response: 115326642  
Conc: 51.16 ng/ml



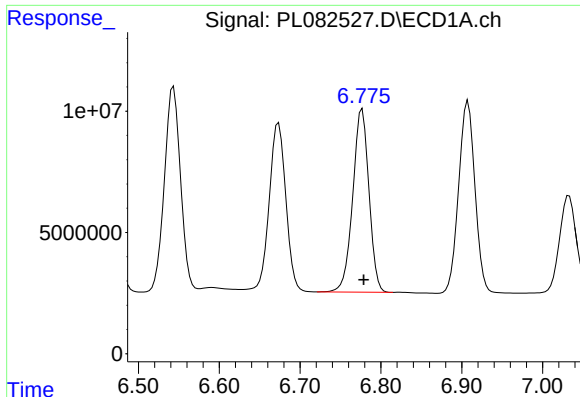
#16 4,4'-DDD

R.T.: 6.466 min  
Delta R.T.: -0.003 min  
Response: 100747576  
Conc: 49.70 ng/ml



#16 4,4'-DDD

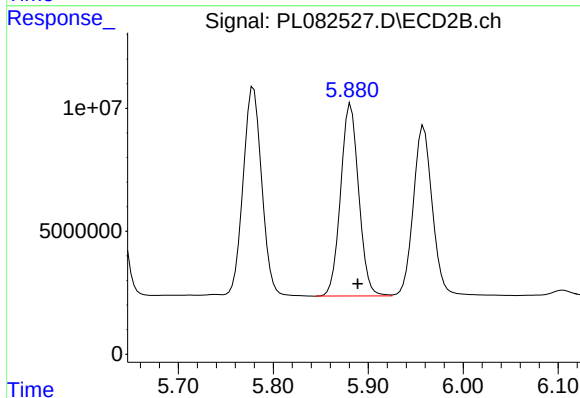
R.T.: 5.634 min  
Delta R.T.: -0.007 min  
Response: 92947341  
Conc: 49.69 ng/ml



#17 4,4'-DDT

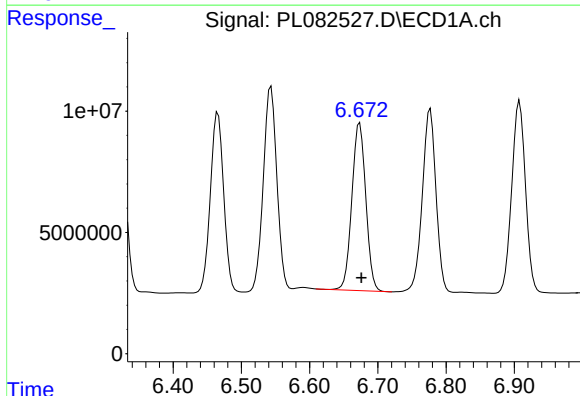
R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 105136204  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



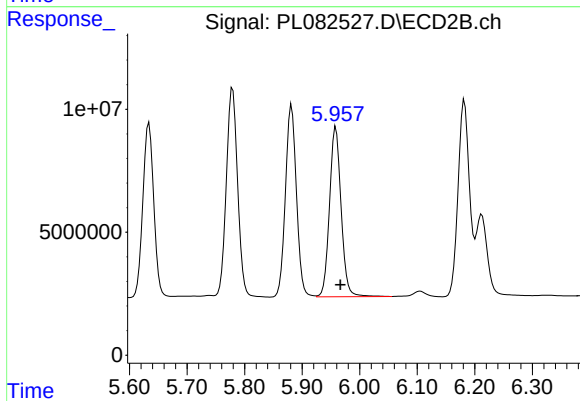
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: -0.008 min  
Response: 103729268  
Conc: 49.10 ng/ml



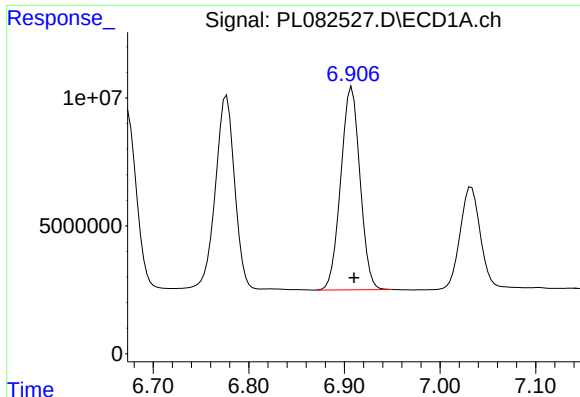
#18 Endrin aldehyde

R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 97853134  
Conc: 51.93 ng/ml



#18 Endrin aldehyde

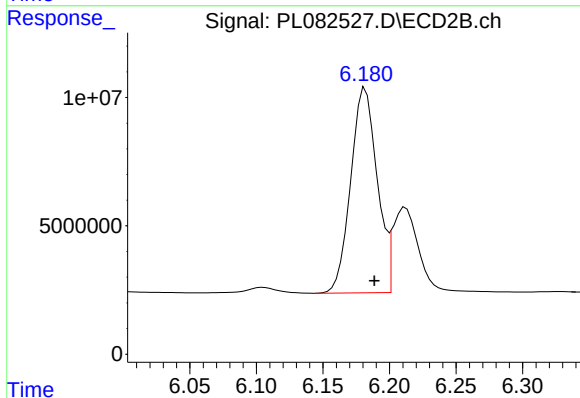
R.T.: 5.958 min  
Delta R.T.: -0.008 min  
Response: 96580079  
Conc: 51.61 ng/ml



#19 Endosulfan Sulfate

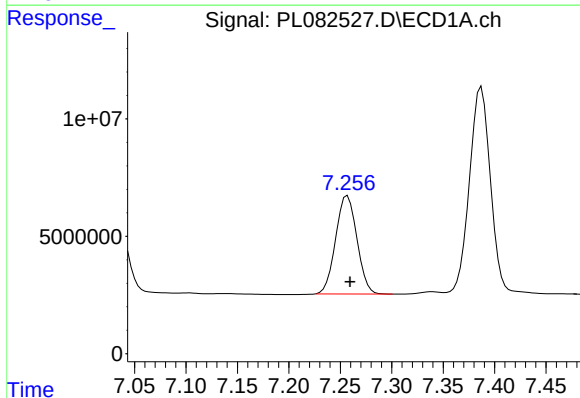
R.T.: 6.908 min  
Delta R.T.: -0.002 min  
Response: 111213418  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



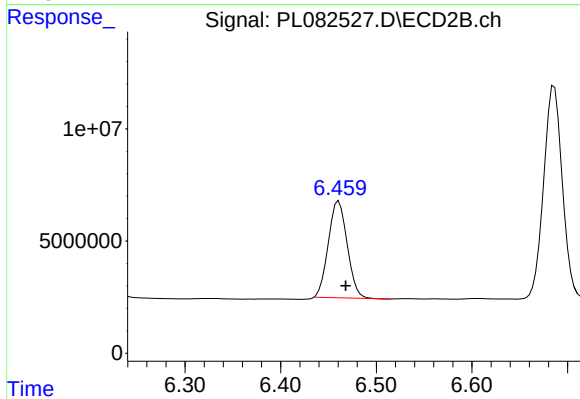
#19 Endosulfan Sulfate

R.T.: 6.182 min  
Delta R.T.: -0.007 min  
Response: 110245541  
Conc: 46.83 ng/ml



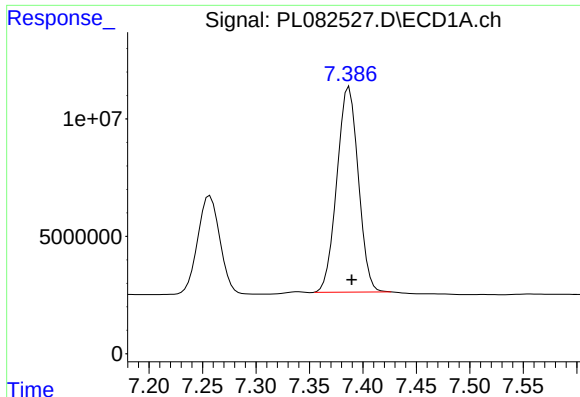
#20 Methoxychlor

R.T.: 7.257 min  
Delta R.T.: -0.003 min  
Response: 60279421  
Conc: 49.40 ng/ml



#20 Methoxychlor

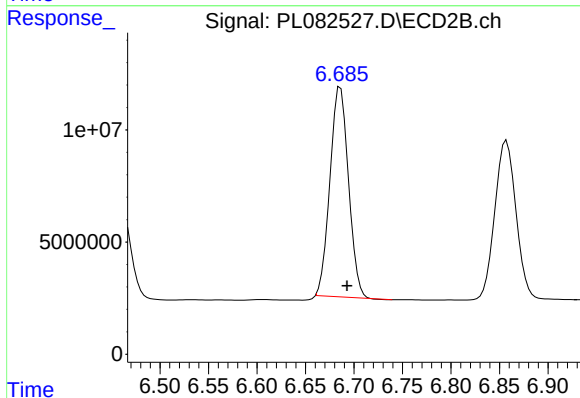
R.T.: 6.461 min  
Delta R.T.: -0.007 min  
Response: 58979516  
Conc: 48.67 ng/ml



#21 Endrin ketone

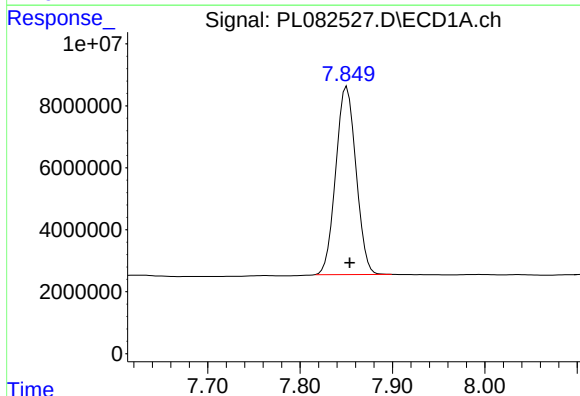
R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 122024769  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



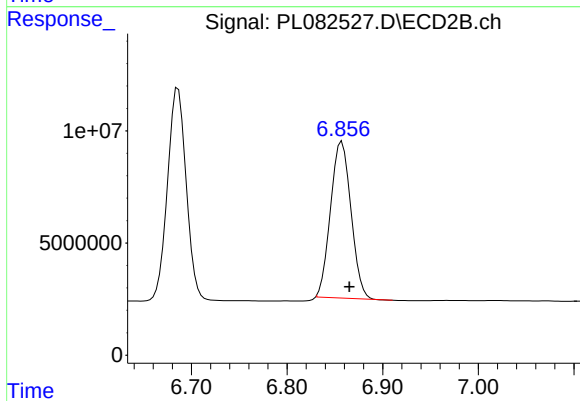
#21 Endrin ketone

R.T.: 6.686 min  
Delta R.T.: -0.007 min  
Response: 124235688  
Conc: 48.95 ng/ml



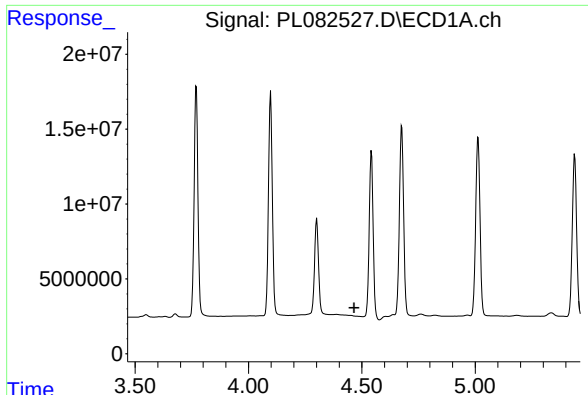
#22 Mirex

R.T.: 7.851 min  
Delta R.T.: -0.003 min  
Response: 92453467  
Conc: 47.26 ng/ml



#22 Mirex

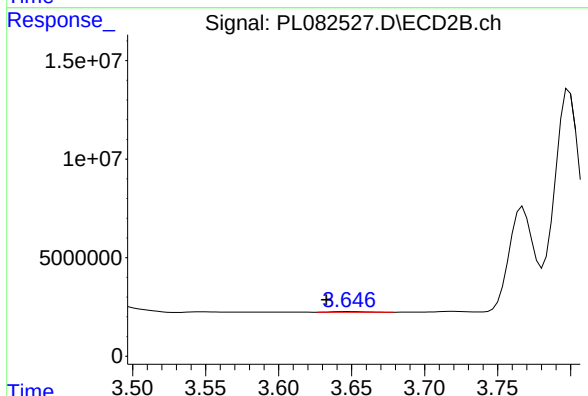
R.T.: 6.857 min  
Delta R.T.: -0.008 min  
Response: 103397533  
Conc: 44.87 ng/ml



#23 Chlordane-1

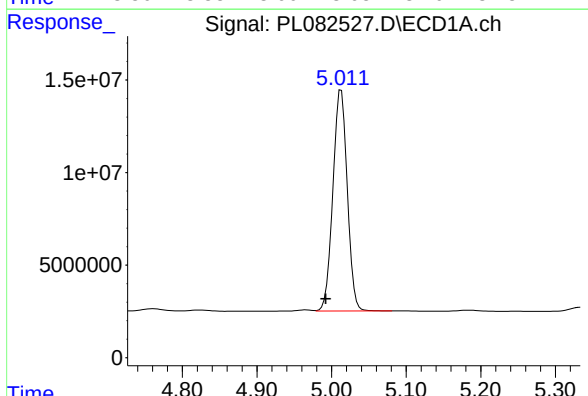
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



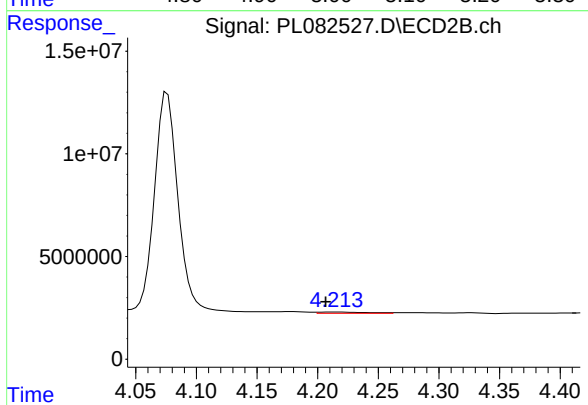
#23 Chlordane-1

R.T.: 3.648 min  
Delta R.T.: 0.015 min  
Response: 541750  
Conc: 6.11 ng/ml



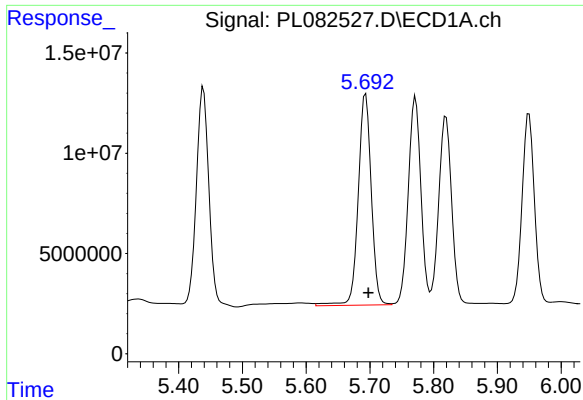
#24 Chlordane-2

R.T.: 5.013 min  
Delta R.T.: 0.020 min  
Response: 160213525  
Conc: 1345.74 ng/ml



#24 Chlordane-2

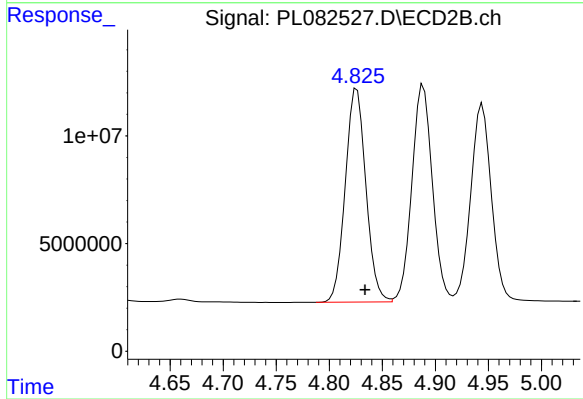
R.T.: 4.215 min  
Delta R.T.: 0.008 min  
Response: 1761244  
Conc: 15.71 ng/ml



#25 Chlordane-3

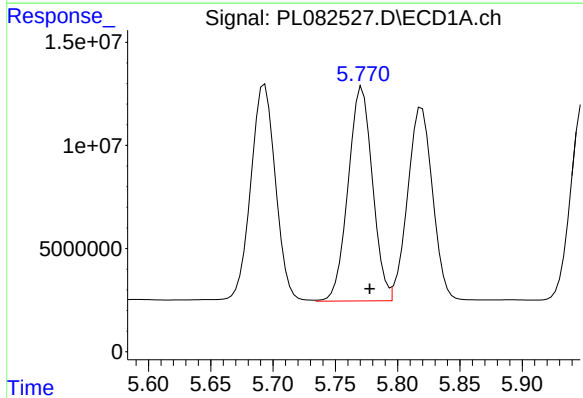
R.T.: 5.693 min  
Delta R.T.: -0.004 min  
Response: 149624882  
Conc: 346.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



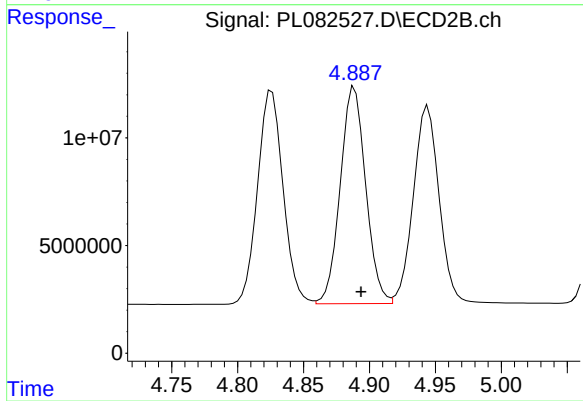
#25 Chlordane-3

R.T.: 4.826 min  
Delta R.T.: -0.008 min  
Response: 133890269  
Conc: 471.26 ng/ml



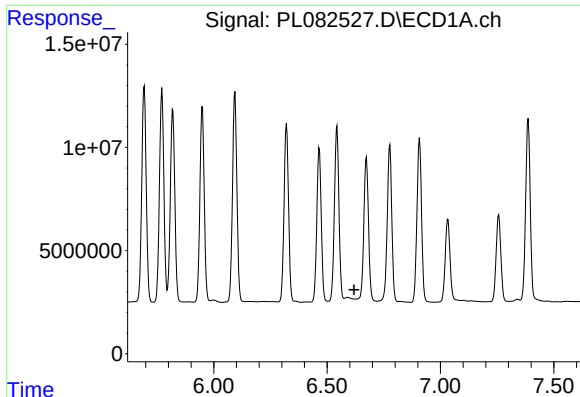
#26 Chlordane-4

R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 141613827  
Conc: 272.38 ng/ml



#26 Chlordane-4

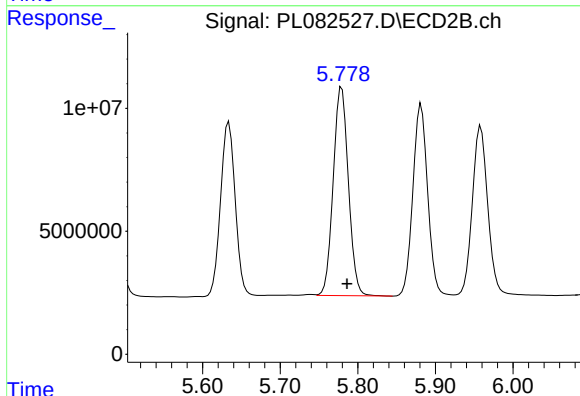
R.T.: 4.889 min  
Delta R.T.: -0.005 min  
Response: 135329305  
Conc: 453.51 ng/ml



#27 Chlordane-5

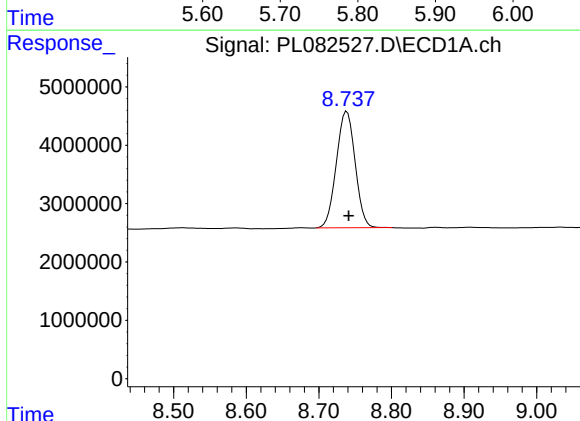
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



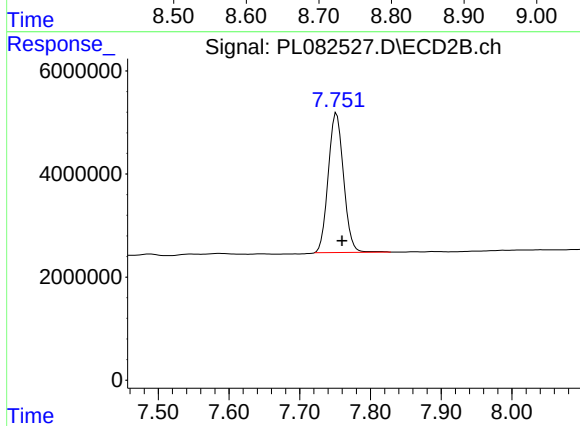
#27 Chlordane-5

R.T.: 5.779 min  
Delta R.T.: -0.007 min  
Response: 115326642  
Conc: 1168.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min  
Delta R.T.: -0.002 min  
Response: 35899072  
Conc: 18.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.752 min  
Delta R.T.: -0.008 min  
Response: 40769035  
Conc: 17.86 ng/ml