

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042523\  
 Data File : PL082321.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2023 13:01  
 Operator : AR\AJ  
 Sample : PB152387BS  
 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: Apr 25 21:30:54 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... | 3.326  | 2.649  | 61325954 | 48800921 | 22.958   | 21.065     |
| 28)                         | SA Decachlor... | 8.746  | 7.760  | 48766187 | 52091639 | 25.544   | 22.822     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.776  | 3.147  | 197.6E6  | 153.7E6  | 49.656   | 45.157     |
| 3)                          | MA gamma-BHC... | 4.105  | 3.474  | 183.9E6  | 143.7E6  | 49.180   | 44.701     |
| 4)                          | MA Heptachlor   | 4.683  | 3.806  | 176.6E6  | 150.3E6  | 48.339   | 43.895     |
| 5)                          | MB Aldrin       | 5.020  | 4.083  | 167.1E6  | 146.5E6  | 50.684   | 46.510     |
| 6)                          | B beta-BHC      | 4.307  | 3.774  | 77661389 | 58661109 | 45.536   | 42.994     |
| 7)                          | B delta-BHC     | 4.549  | 4.000  | 180.8E6  | 139.5E6  | 50.260   | 45.464     |
| 8)                          | B Heptachlo...  | 5.446  | 4.584  | 151.0E6  | 131.3E6  | 49.490   | 45.559     |
| 9)                          | A Endosulfan I  | 5.827  | 4.951  | 135.9E6  | 120.2E6  | 49.001   | 45.045     |
| 10)                         | B gamma-Chl...  | 5.701  | 4.833  | 152.1E6  | 131.9E6  | 50.571   | 45.443     |
| 11)                         | B alpha-Chl...  | 5.778  | 4.896  | 147.6E6  | 130.9E6  | 49.466   | 45.096     |
| 12)                         | B 4,4'-DDE      | 5.956  | 5.086  | 130.1E6  | 108.7E6  | 51.197   | 47.286     |
| 13)                         | MA Dieldrin     | 6.101  | 5.216  | 143.7E6  | 126.6E6  | 52.098   | 46.898     |
| 14)                         | MA Endrin       | 6.328  | 5.490  | 119.7E6  | 109.1E6  | 49.391   | 44.586     |
| 15)                         | B Endosulfa...  | 6.550  | 5.787  | 120.9E6  | 110.6E6  | 49.671   | 49.046     |
| 16)                         | A 4,4'-DDD      | 6.472  | 5.641  | 107.1E6  | 90880345 | 52.848   | 48.589     |
| 17)                         | MA 4,4'-DDT     | 6.784  | 5.889  | 104.8E6  | 92327712 | 45.804   | 43.704     |
| 18)                         | B Endrin al...  | 6.681  | 5.966  | 101.1E6  | 91575905 | 53.671   | 48.935     |
| 19)                         | B Endosulfa...  | 6.914  | 6.189  | 119.7E6  | 109.6E6  | 50.469   | 46.533     |
| 20)                         | A Methoxychlor  | 7.264  | 6.468  | 56798122 | 52848383 | 46.543   | 43.610     |
| 21)                         | B Endrin ke...  | 7.394  | 6.693  | 123.9E6  | 122.1E6  | 51.731   | 48.096     |
| 22)                         | Mirex           | 7.859  | 6.865  | 97728095 | 104.6E6  | 49.955   | 45.377     |
| 23)                         | Chlordane-1     | 0.000  | 3.629  | 0        | 11693    | N.D.     | 0.132 #    |
| 24)                         | Chlordane-2     | 5.020f | 4.223f | 167.1E6  | 1056204  | 1403.876 | 9.418 #    |
| 25)                         | Chlordane-3     | 5.701  | 4.833  | 152.1E6  | 131.9E6  | 352.232  | 464.152 #  |
| 26)                         | Chlordane-4     | 5.778  | 4.896  | 147.6E6  | 130.9E6  | 283.964  | 438.688 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.787  | 0        | 110.6E6  | N.D.     | 1119.978 # |
| -----                       |                 |        |        |          |          |          |            |

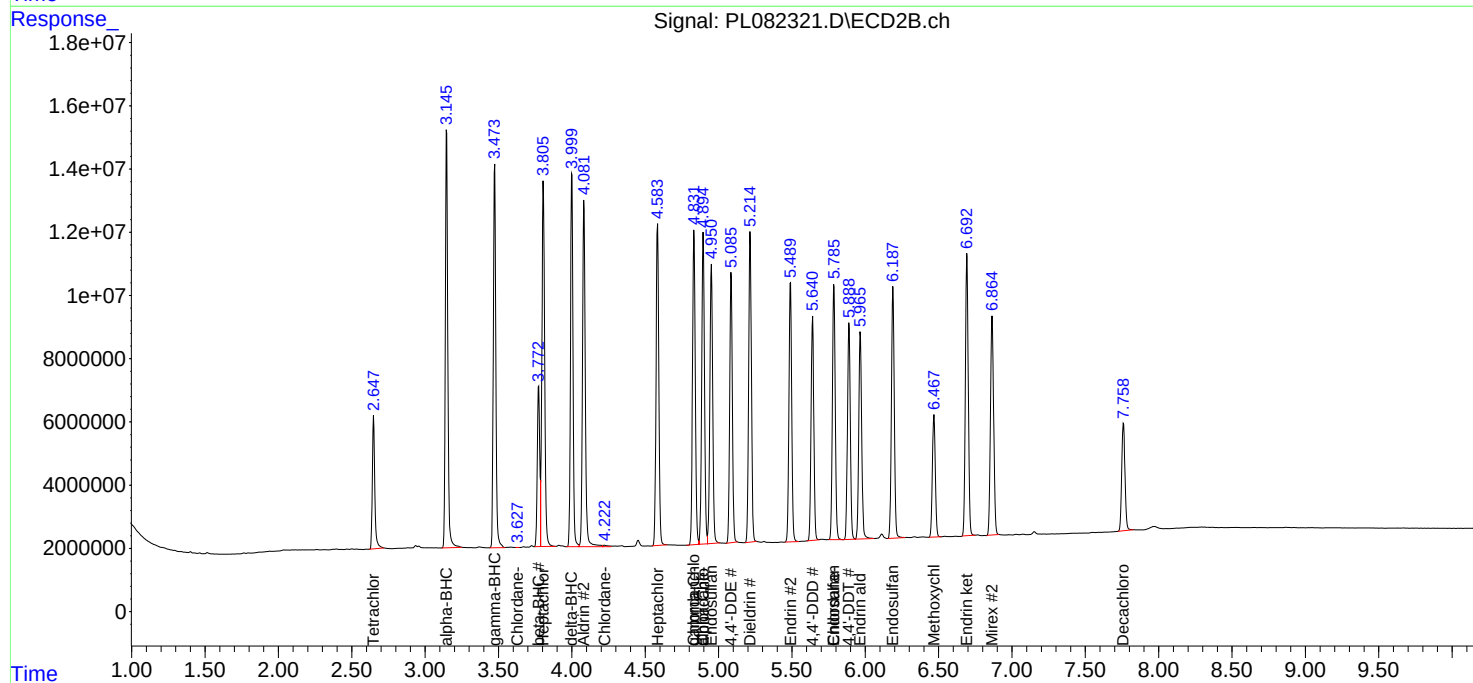
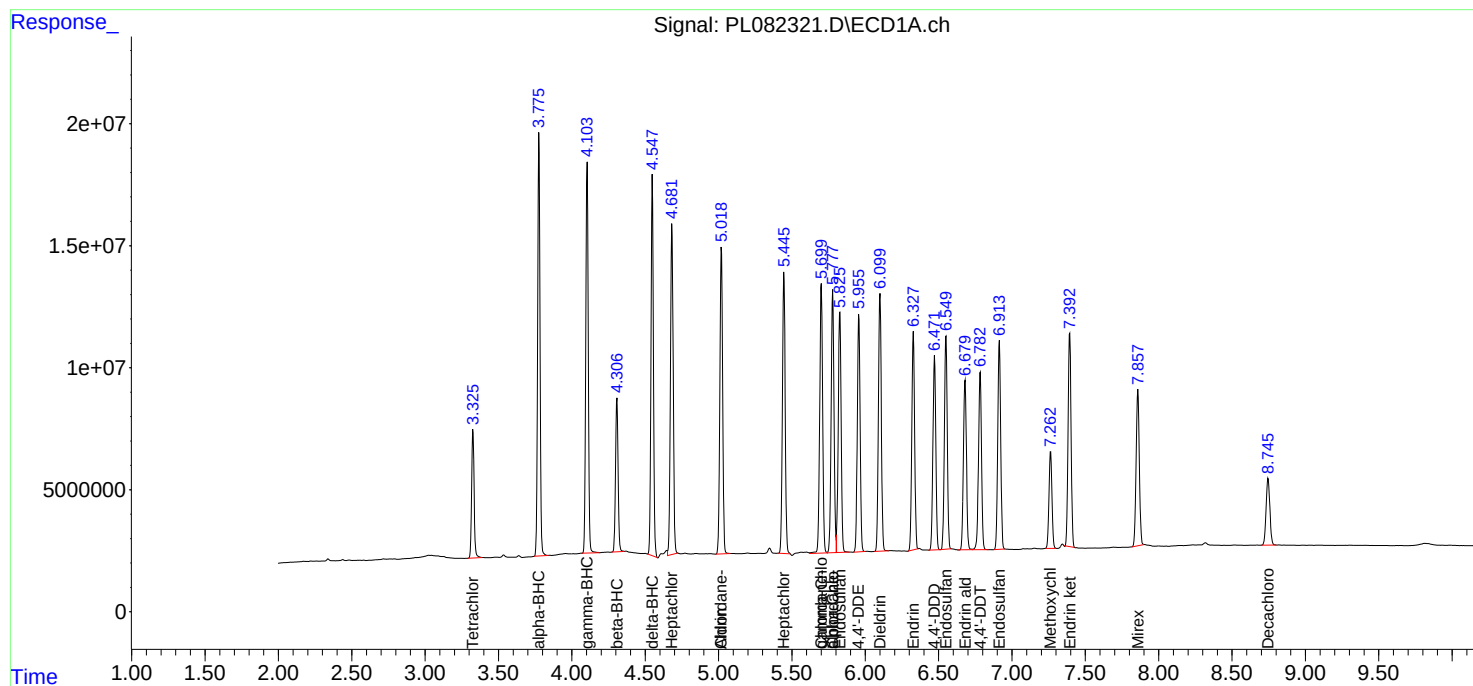
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

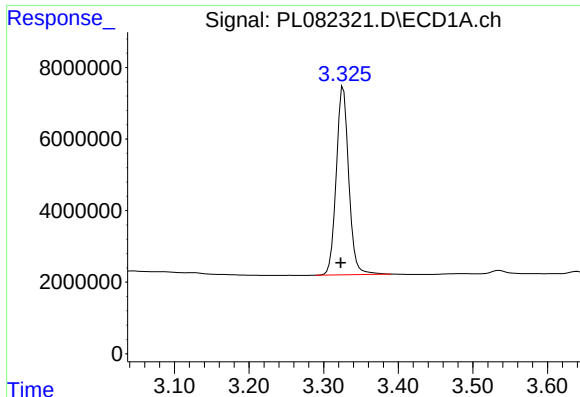
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042523\  
Data File : PL082321.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2023 13:01  
Operator : AR\AJ  
Sample : PB152387BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 21:30:54 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

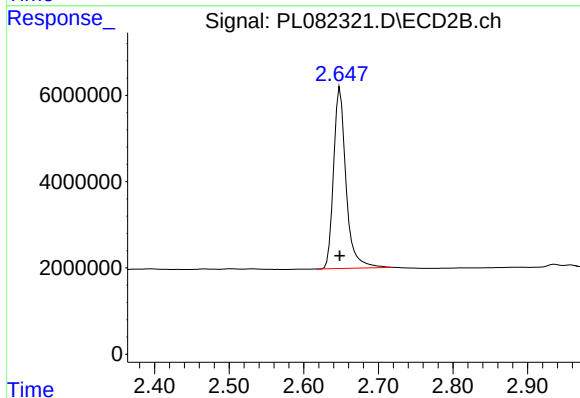




#1 Tetrachloro-m-xylene

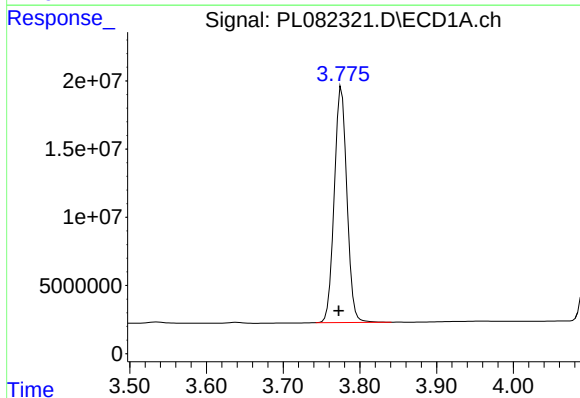
R.T.: 3.326 min  
Delta R.T.: 0.003 min  
Response: 61325954  
Conc: 22.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



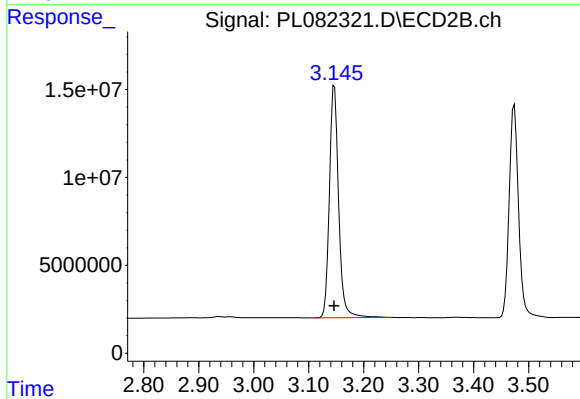
#1 Tetrachloro-m-xylene

R.T.: 2.649 min  
Delta R.T.: 0.000 min  
Response: 48800921  
Conc: 21.06 ng/ml



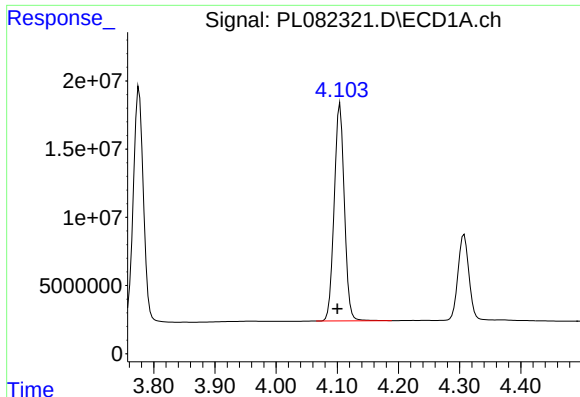
#2 alpha-BHC

R.T.: 3.776 min  
Delta R.T.: 0.004 min  
Response: 197642990  
Conc: 49.66 ng/ml



#2 alpha-BHC

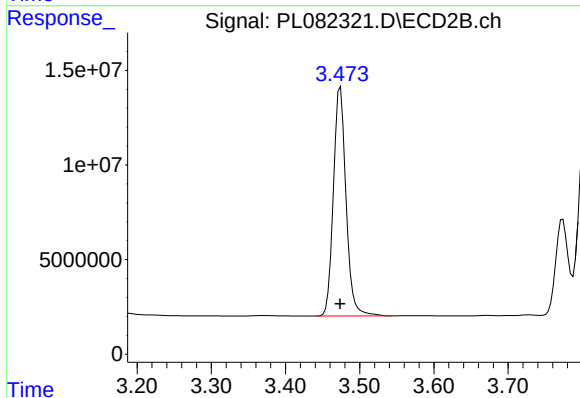
R.T.: 3.147 min  
Delta R.T.: 0.000 min  
Response: 153691308  
Conc: 45.16 ng/ml



#3 gamma-BHC (Lindane)

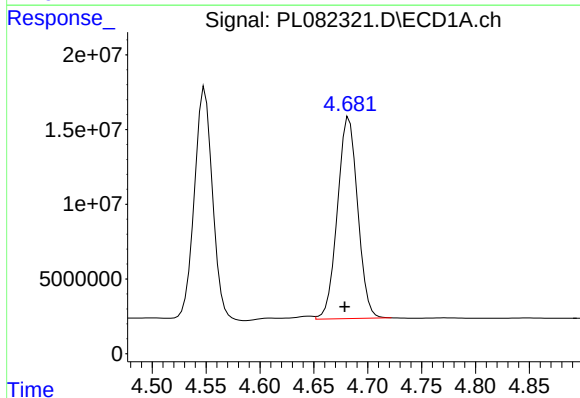
R.T.: 4.105 min  
Delta R.T.: 0.004 min  
Response: 183881986  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



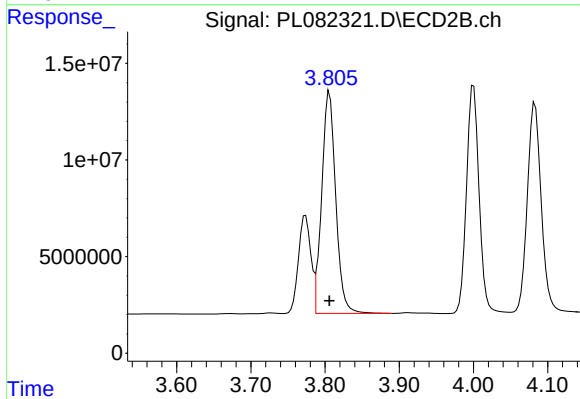
#3 gamma-BHC (Lindane)

R.T.: 3.474 min  
Delta R.T.: 0.000 min  
Response: 143725110  
Conc: 44.70 ng/ml



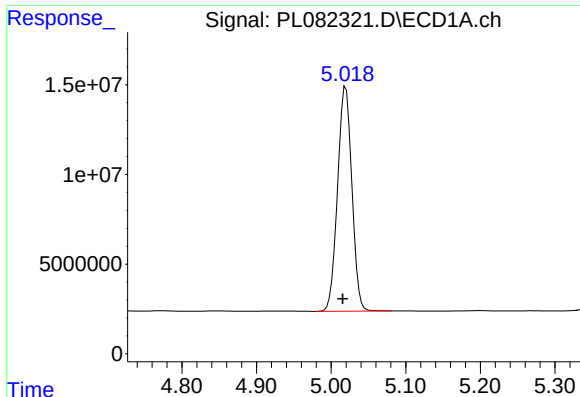
#4 Heptachlor

R.T.: 4.683 min  
Delta R.T.: 0.004 min  
Response: 176626214  
Conc: 48.34 ng/ml



#4 Heptachlor

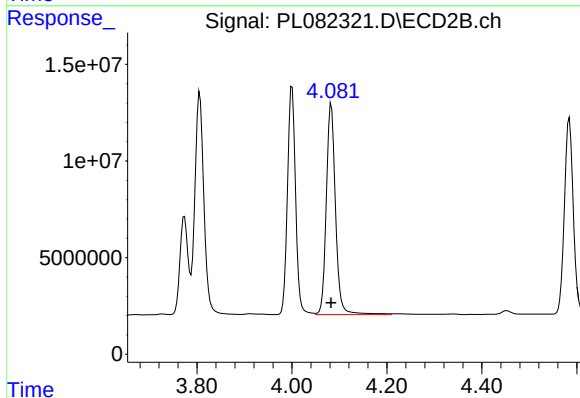
R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 150264174  
Conc: 43.90 ng/ml



#5 Aldrin

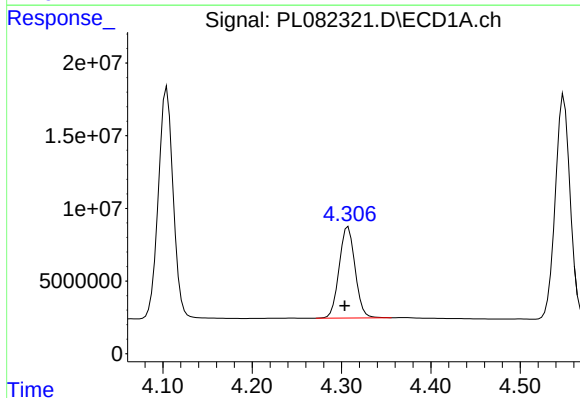
R.T.: 5.020 min  
Delta R.T.: 0.004 min  
Response: 167134936  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



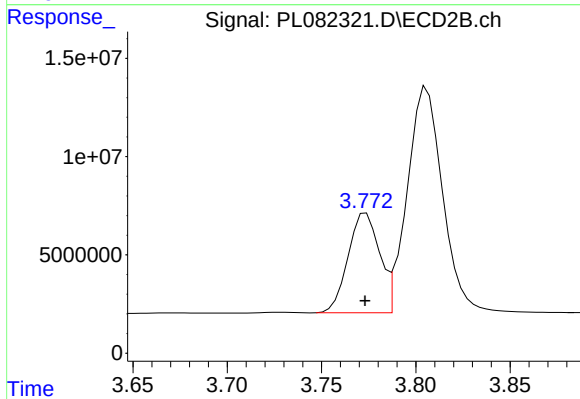
#5 Aldrin

R.T.: 4.083 min  
Delta R.T.: 0.000 min  
Response: 146500838  
Conc: 46.51 ng/ml



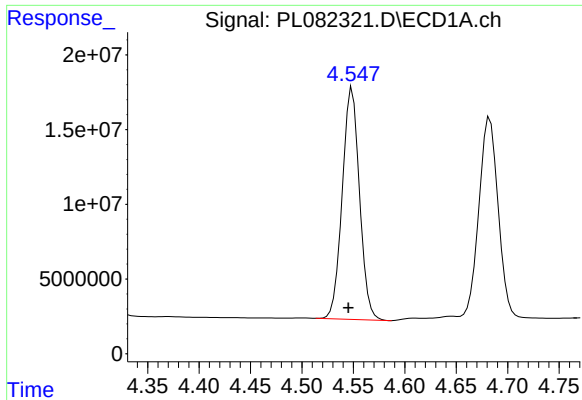
#6 beta-BHC

R.T.: 4.307 min  
Delta R.T.: 0.004 min  
Response: 77661389  
Conc: 45.54 ng/ml



#6 beta-BHC

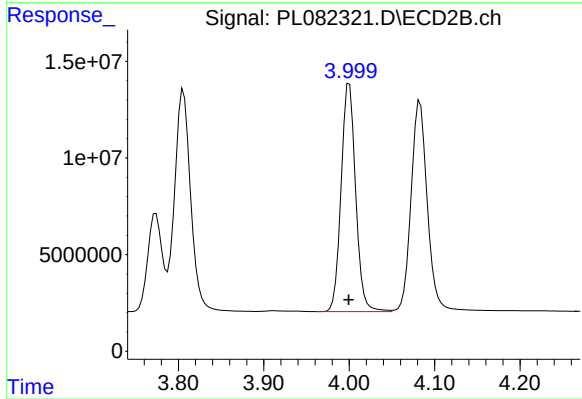
R.T.: 3.774 min  
Delta R.T.: 0.000 min  
Response: 58661109  
Conc: 42.99 ng/ml



#7 delta-BHC

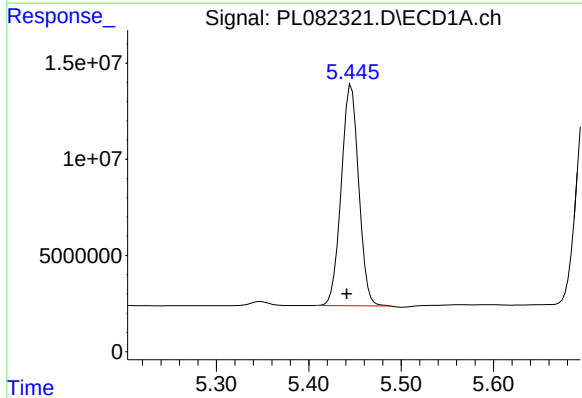
R.T.: 4.549 min  
Delta R.T.: 0.004 min  
Response: 180823145  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



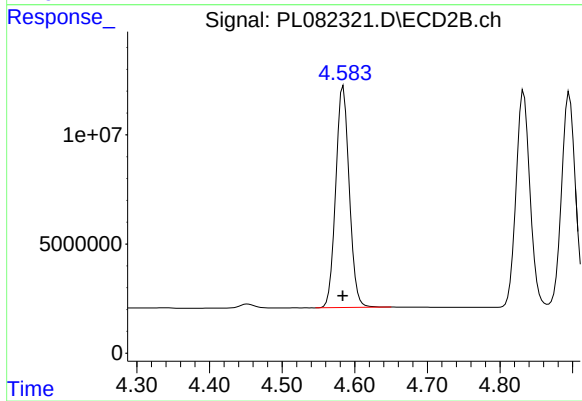
#7 delta-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 139457359  
Conc: 45.46 ng/ml



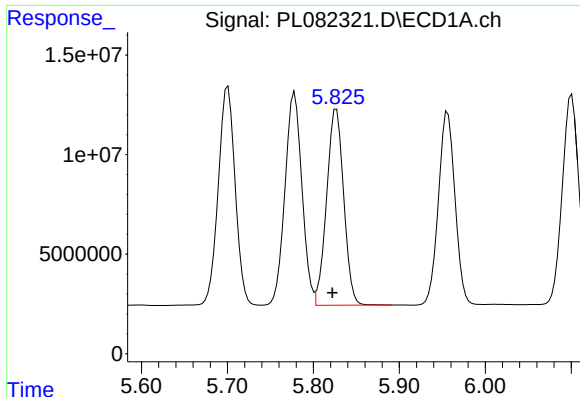
#8 Heptachlor epoxide

R.T.: 5.446 min  
Delta R.T.: 0.005 min  
Response: 150962590  
Conc: 49.49 ng/ml



#8 Heptachlor epoxide

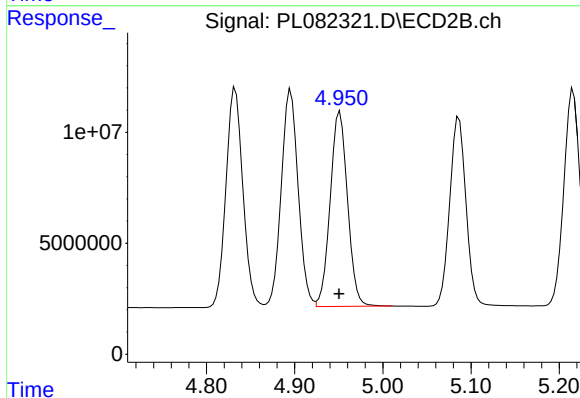
R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 131251113  
Conc: 45.56 ng/ml



#9 Endosulfan I

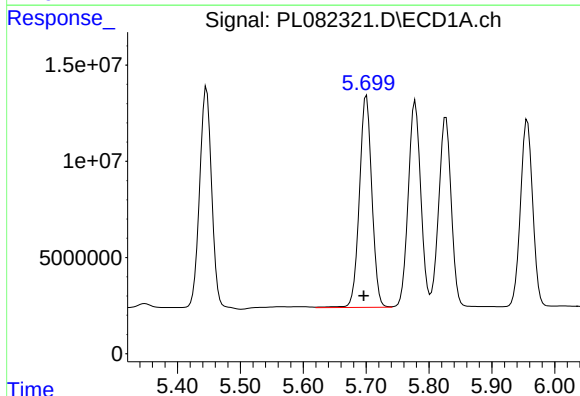
R.T.: 5.827 min  
Delta R.T.: 0.005 min  
Response: 135866475  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



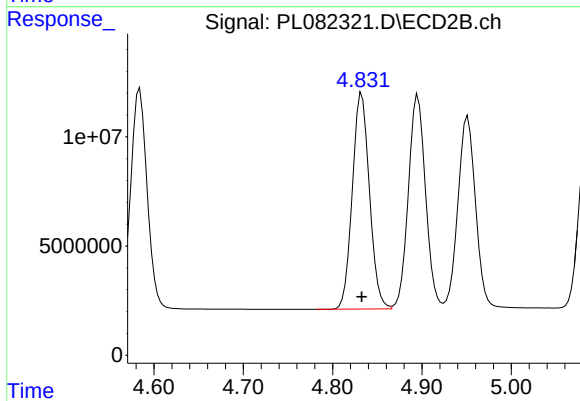
#9 Endosulfan I

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 120243833  
Conc: 45.04 ng/ml



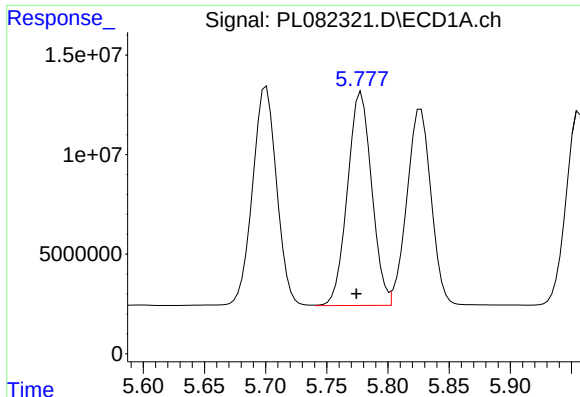
#10 gamma-Chlordane

R.T.: 5.701 min  
Delta R.T.: 0.004 min  
Response: 152059646  
Conc: 50.57 ng/ml



#10 gamma-Chlordane

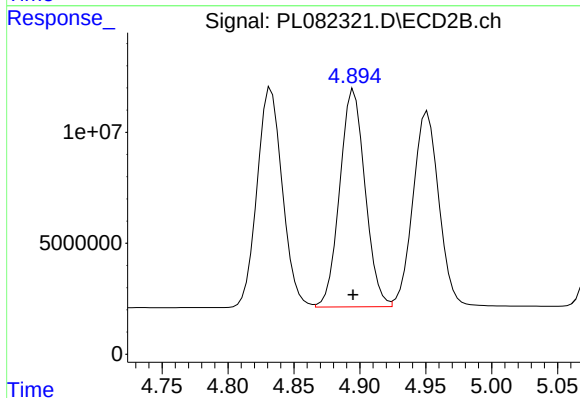
R.T.: 4.833 min  
Delta R.T.: 0.000 min  
Response: 131869974  
Conc: 45.44 ng/ml



#11 alpha-Chlordane

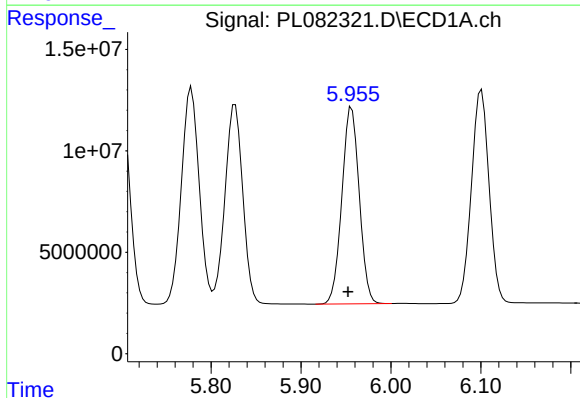
R.T.: 5.778 min  
Delta R.T.: 0.004 min  
Response: 147637242  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



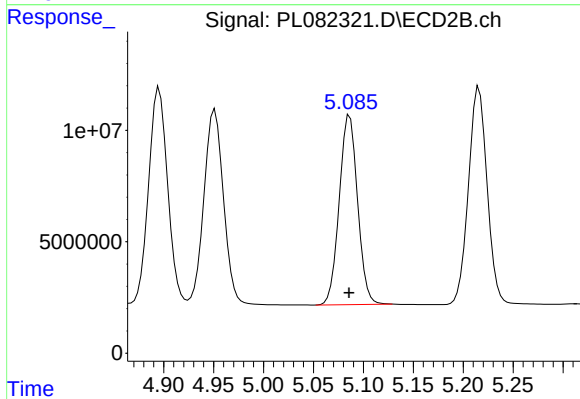
#11 alpha-Chlordane

R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 130907351  
Conc: 45.10 ng/ml



#12 4,4'-DDE

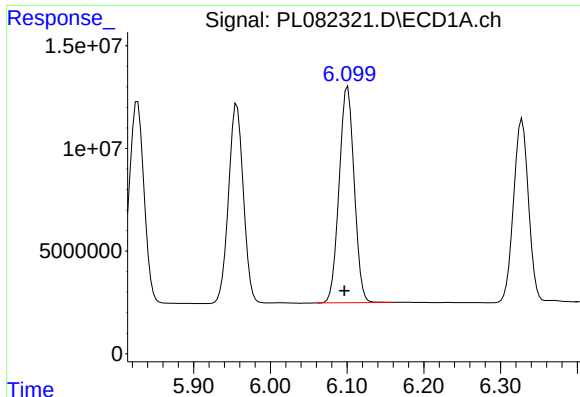
R.T.: 5.956 min  
Delta R.T.: 0.004 min  
Response: 130144729  
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 108708955  
Conc: 47.29 ng/ml

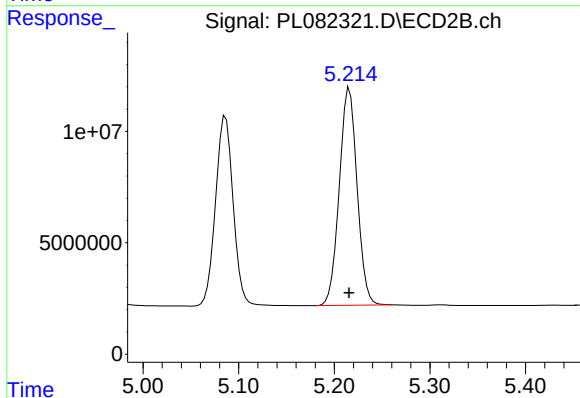




#13 Dieldrin

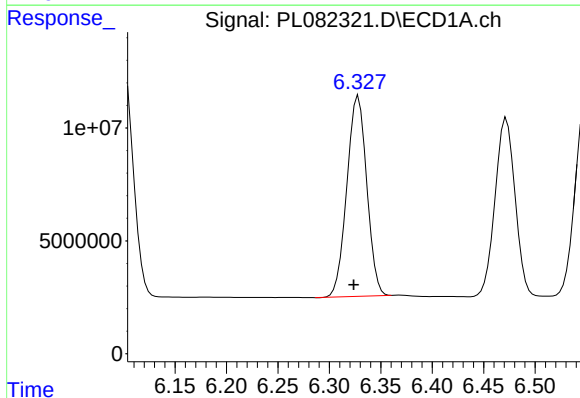
R.T.: 6.101 min  
Delta R.T.: 0.004 min  
Response: 143744235  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



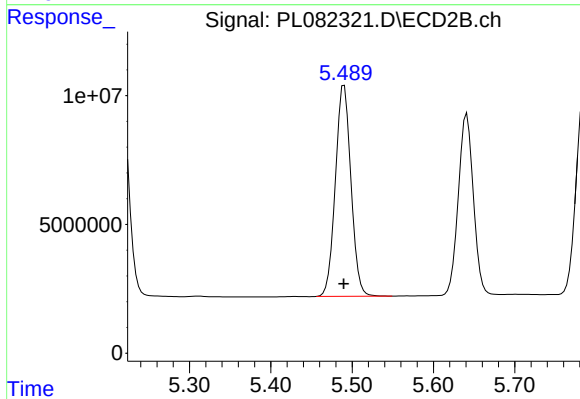
#13 Dieldrin

R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 126643432  
Conc: 46.90 ng/ml



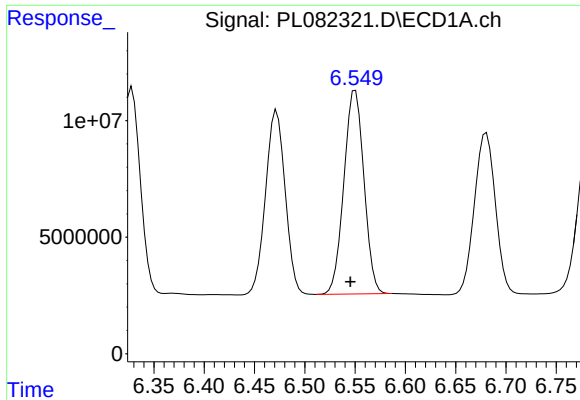
#14 Endrin

R.T.: 6.328 min  
Delta R.T.: 0.005 min  
Response: 119749934  
Conc: 49.39 ng/ml



#14 Endrin

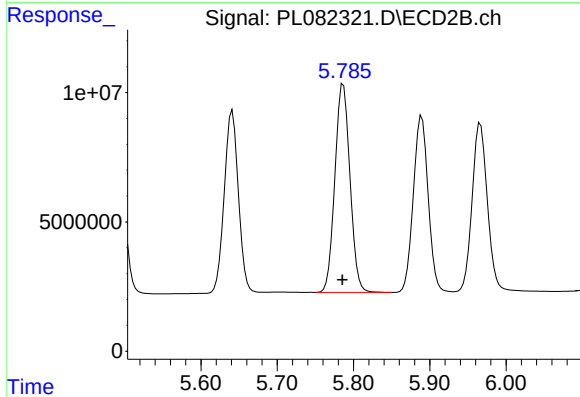
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 109054396  
Conc: 44.59 ng/ml



#15 Endosulfan II

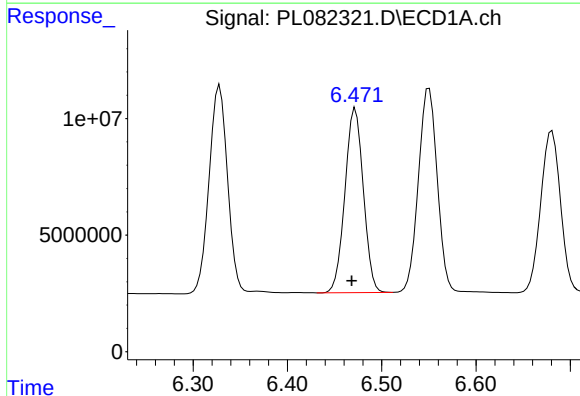
R.T.: 6.550 min  
Delta R.T.: 0.005 min  
Response: 120927566  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



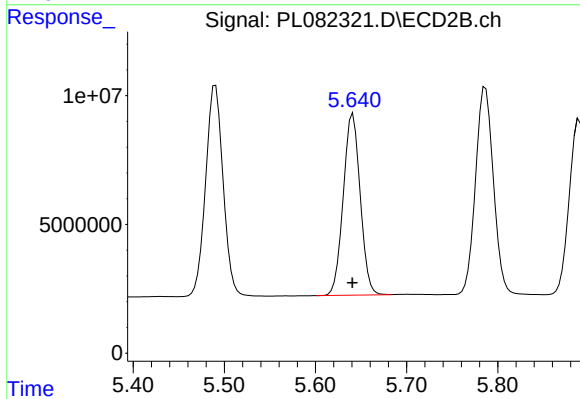
#15 Endosulfan II

R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 110555711  
Conc: 49.05 ng/ml



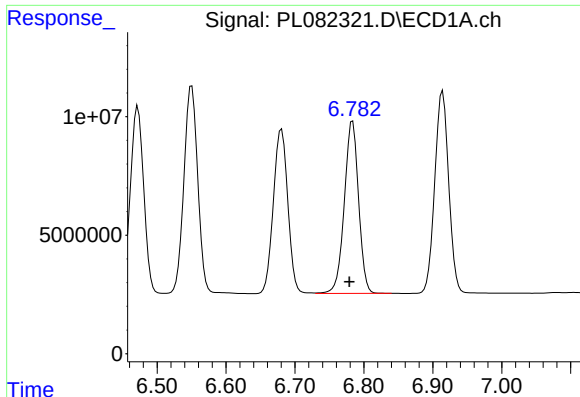
#16 4,4'-DDD

R.T.: 6.472 min  
Delta R.T.: 0.004 min  
Response: 107132628  
Conc: 52.85 ng/ml



#16 4,4'-DDD

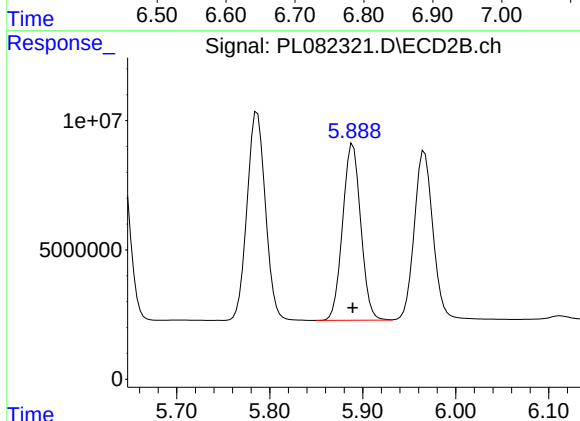
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 90880345  
Conc: 48.59 ng/ml



#17 4,4'-DDT

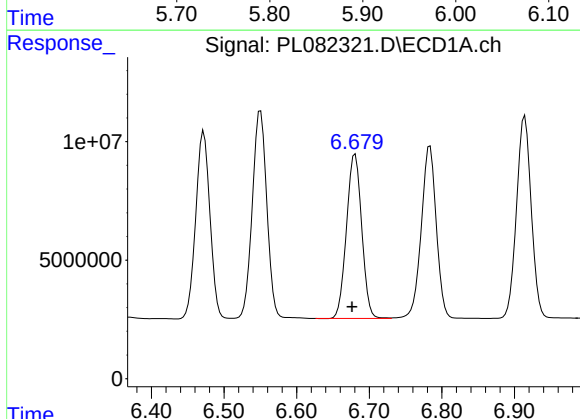
R.T.: 6.784 min  
Delta R.T.: 0.005 min  
Response: 104786599  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



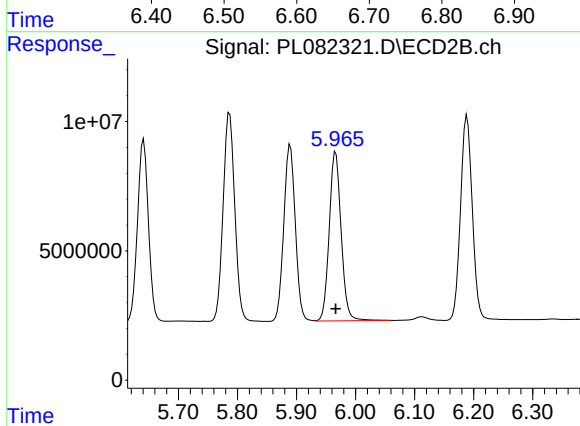
#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 92327712  
Conc: 43.70 ng/ml



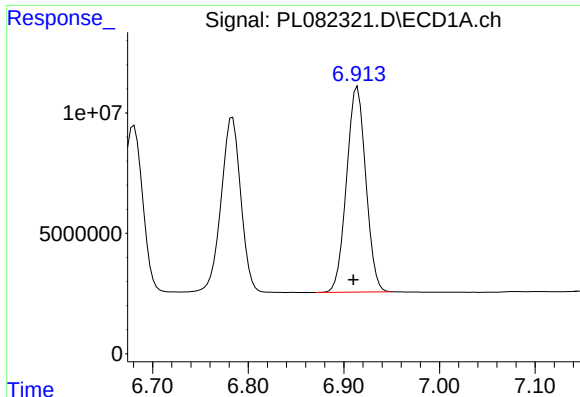
#18 Endrin aldehyde

R.T.: 6.681 min  
Delta R.T.: 0.004 min  
Response: 101125174  
Conc: 53.67 ng/ml



#18 Endrin aldehyde

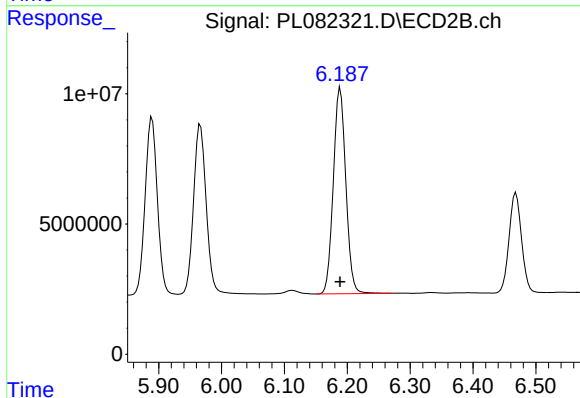
R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 91575905  
Conc: 48.94 ng/ml



#19 Endosulfan Sulfate

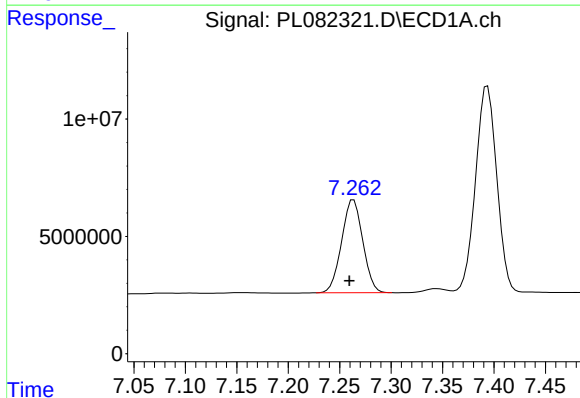
R.T.: 6.914 min  
Delta R.T.: 0.004 min  
Response: 119689230  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



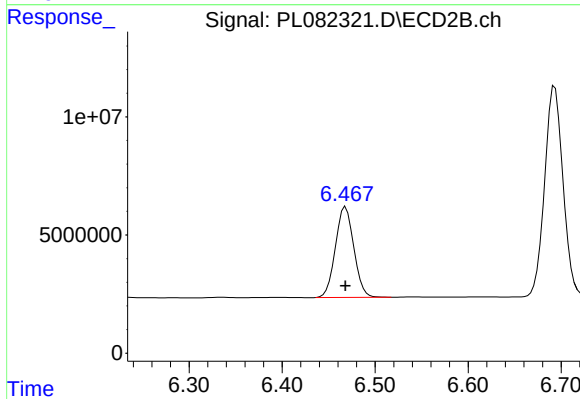
#19 Endosulfan Sulfate

R.T.: 6.189 min  
Delta R.T.: 0.000 min  
Response: 109552026  
Conc: 46.53 ng/ml



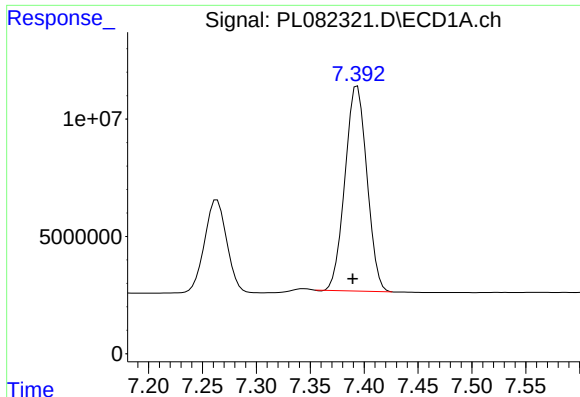
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: 0.004 min  
Response: 56798122  
Conc: 46.54 ng/ml



#20 Methoxychlor

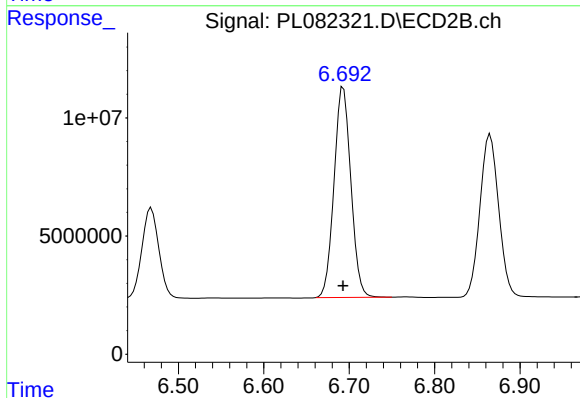
R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 52848383  
Conc: 43.61 ng/ml



#21 Endrin ketone

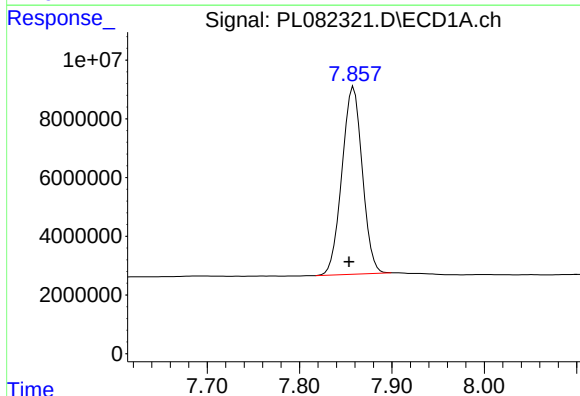
R.T.: 7.394 min  
Delta R.T.: 0.004 min  
Response: 123864746  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



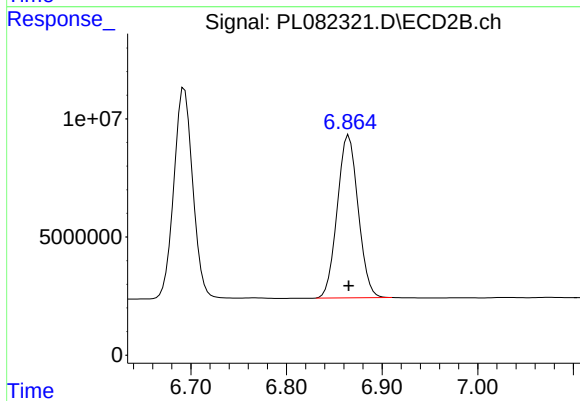
#21 Endrin ketone

R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 122076208  
Conc: 48.10 ng/ml



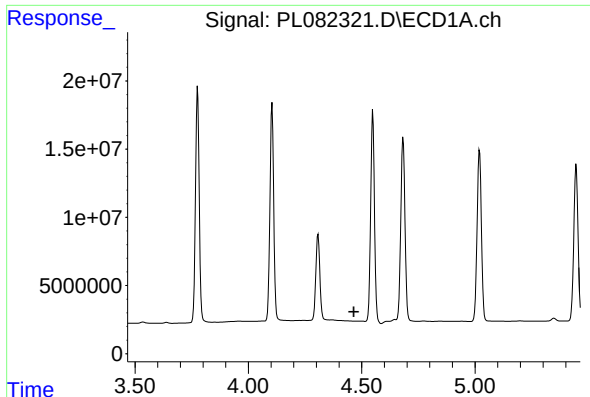
#22 Mirex

R.T.: 7.859 min  
Delta R.T.: 0.005 min  
Response: 97728095  
Conc: 49.96 ng/ml



#22 Mirex

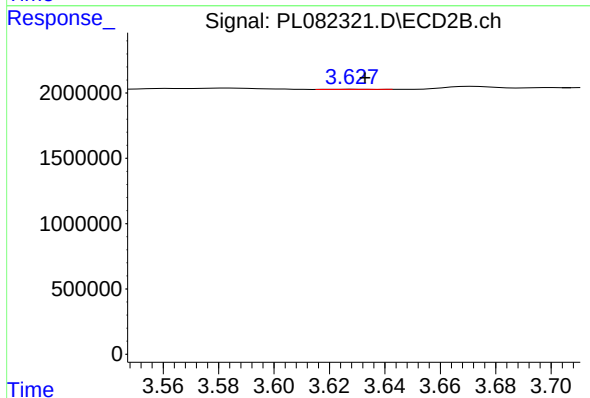
R.T.: 6.865 min  
Delta R.T.: 0.000 min  
Response: 104561519  
Conc: 45.38 ng/ml



#23 Chlordane-1

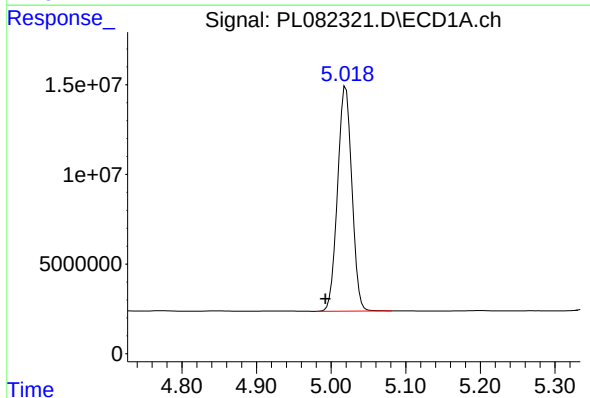
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



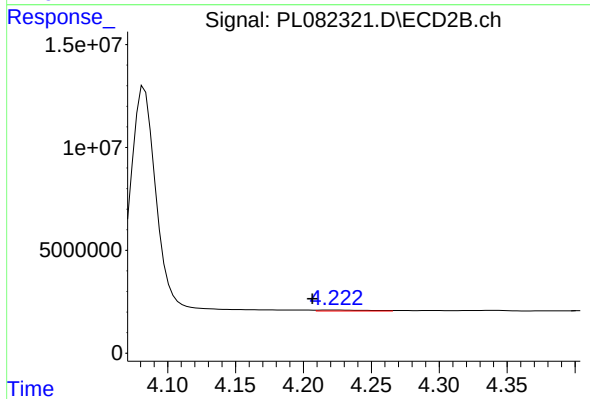
#23 Chlordane-1

R.T.: 3.629 min  
Delta R.T.: -0.004 min  
Response: 11693  
Conc: 0.13 ng/ml



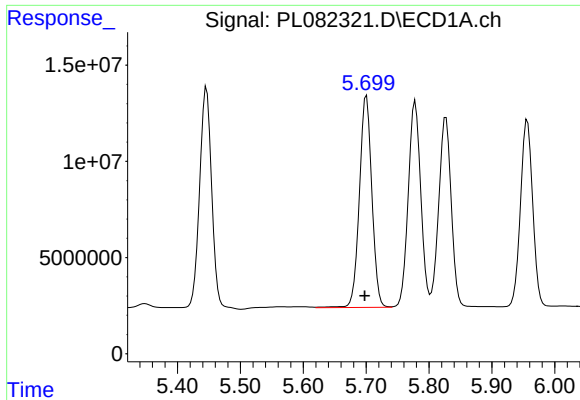
#24 Chlordane-2

R.T.: 5.020 min  
Delta R.T.: 0.027 min  
Response: 167134936  
Conc: 1403.88 ng/ml



#24 Chlordane-2

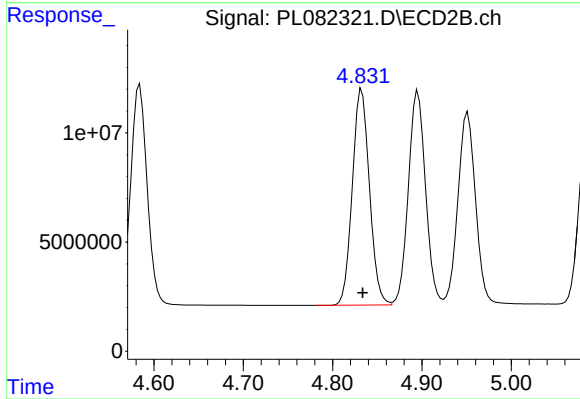
R.T.: 4.223 min  
Delta R.T.: 0.016 min  
Response: 1056204  
Conc: 9.42 ng/ml



#25 Chlordane-3

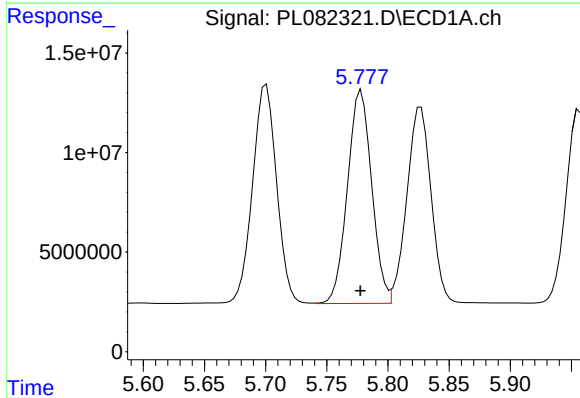
R.T.: 5.701 min  
Delta R.T.: 0.003 min  
Response: 152059646  
Conc: 352.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



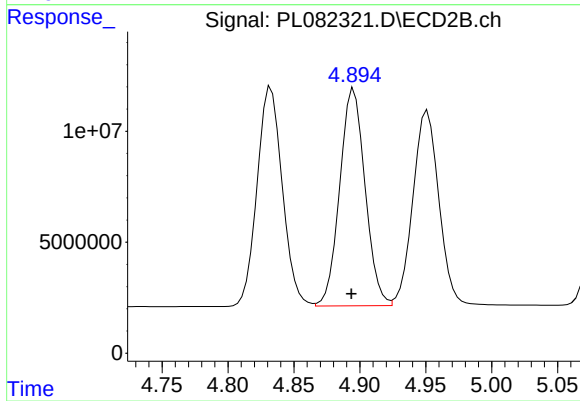
#25 Chlordane-3

R.T.: 4.833 min  
Delta R.T.: -0.001 min  
Response: 131869974  
Conc: 464.15 ng/ml



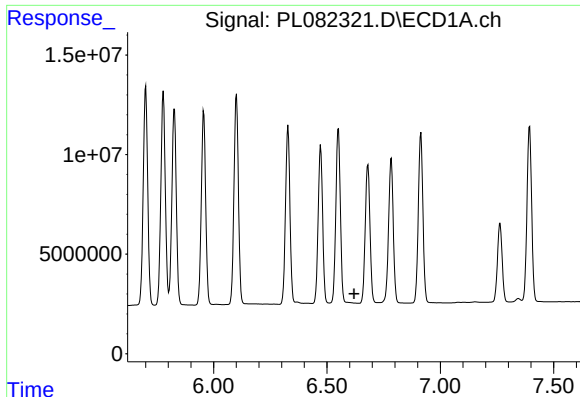
#26 Chlordane-4

R.T.: 5.778 min  
Delta R.T.: 0.000 min  
Response: 147637242  
Conc: 283.96 ng/ml



#26 Chlordane-4

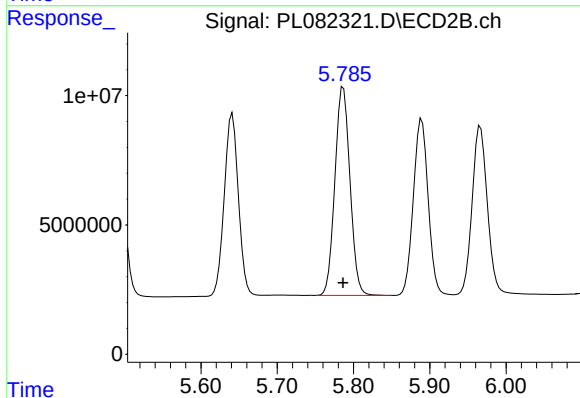
R.T.: 4.896 min  
Delta R.T.: 0.002 min  
Response: 130907351  
Conc: 438.69 ng/ml



#27 Chlordane-5

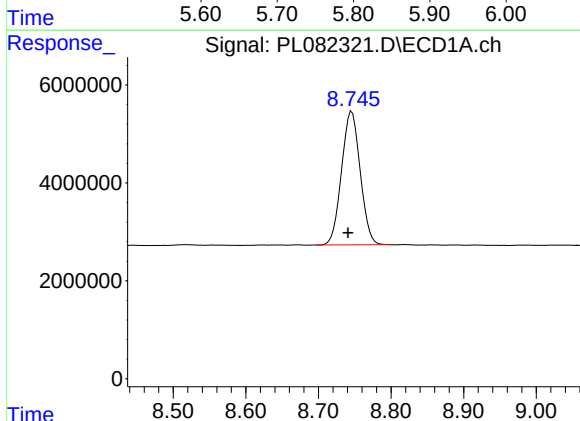
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



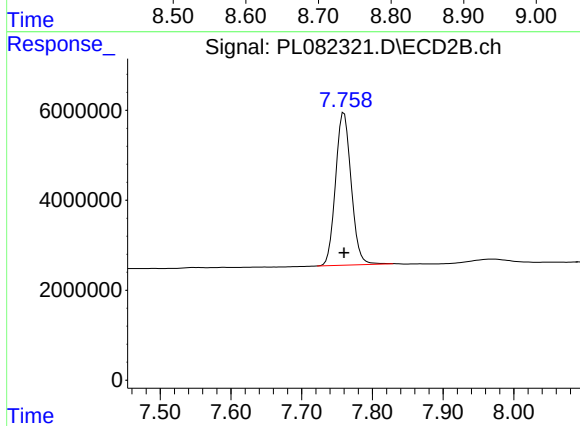
#27 Chlordane-5

R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 110555711  
Conc: 1119.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min  
Delta R.T.: 0.005 min  
Response: 48766187  
Conc: 25.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 52091639  
Conc: 22.82 ng/ml