

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
 Data File : PL082730.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2023 14:42  
 Operator : AR\AJ  
 Sample : PB152834BS  
 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: May 16 21:42:51 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... | 3.330 | 2.642 | 55521246 | 44119530 | 20.785  | 19.044     |
| 28)                         | SA Decachlor... | 8.754 | 7.756 | 44140851 | 46631320 | 23.122  | 20.430     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.780 | 3.139 | 199.7E6  | 148.1E6  | 50.177  | 43.500     |
| 3)                          | MA gamma-BHC... | 4.109 | 3.466 | 185.8E6  | 142.9E6  | 49.696  | 44.442     |
| 4)                          | MA Heptachlor   | 4.688 | 3.798 | 182.6E6  | 145.3E6  | 49.976  | 42.446     |
| 5)                          | MB Aldrin       | 5.024 | 4.075 | 167.7E6  | 144.5E6  | 50.856  | 45.869     |
| 6)                          | B beta-BHC      | 4.313 | 3.767 | 81131245 | 57998476 | 47.570  | 42.508     |
| 7)                          | B delta-BHC     | 4.554 | 3.993 | 190.4E6  | 140.9E6  | 52.931  | 45.936     |
| 8)                          | B Heptachlo...  | 5.451 | 4.577 | 155.9E6  | 127.5E6  | 51.096  | 44.241     |
| 9)                          | A Endosulfan I  | 5.832 | 4.945 | 143.9E6  | 117.2E6  | 51.896  | 43.917     |
| 10)                         | B gamma-Chl...  | 5.706 | 4.826 | 166.8E6  | 129.9E6  | 55.461  | 44.749     |
| 11)                         | B alpha-Chl...  | 5.783 | 4.889 | 158.1E6  | 129.0E6  | 52.975  | 44.430     |
| 12)                         | B 4,4'-DDE      | 5.962 | 5.080 | 136.7E6  | 110.3E6  | 53.786  | 47.982     |
| 13)                         | MA Dieldrin     | 6.106 | 5.209 | 146.4E6  | 121.3E6  | 53.054  | 44.906     |
| 14)                         | MA Endrin       | 6.334 | 5.484 | 125.8E6  | 109.9E6  | 51.895  | 44.937     |
| 15)                         | B Endosulfa...  | 6.556 | 5.781 | 120.2E6  | 105.1E6  | 49.389  | 46.634     |
| 16)                         | A 4,4'-DDD      | 6.478 | 5.636 | 111.1E6  | 91353742 | 54.821  | 48.842     |
| 17)                         | MA 4,4'-DDT     | 6.789 | 5.884 | 117.8E6  | 98601818 | 51.496  | 46.673     |
| 18)                         | B Endrin al...  | 6.686 | 5.961 | 99052349 | 86537039 | 52.571  | 46.242     |
| 19)                         | B Endosulfa...  | 6.920 | 6.184 | 118.1E6  | 108.0E6  | 49.793  | 45.892     |
| 20)                         | A Methoxychlor  | 7.270 | 6.464 | 62451877 | 55224646 | 51.176  | 45.571     |
| 21)                         | B Endrin ke...  | 7.400 | 6.689 | 120.7E6  | 115.5E6  | 50.389  | 45.487     |
| 22)                         | Mirex           | 7.864 | 6.861 | 90789756 | 95287487 | 46.408  | 41.353     |
| 23)                         | Chlordane-1     | 0.000 | 3.644 | 0        | 738518   | N.D.    | 8.327 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.218 | 0        | 5293044  | N.D.    | 47.199 #   |
| 25)                         | Chlordane-3     | 5.706 | 4.826 | 166.8E6  | 129.9E6  | 386.295 | 457.062    |
| 26)                         | Chlordane-4     | 5.783 | 4.889 | 158.1E6  | 129.0E6  | 304.105 | 432.208 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.781 | 0        | 105.1E6  | N.D.    | 1064.904 # |
| -----                       |                 |       |       |          |          |         |            |

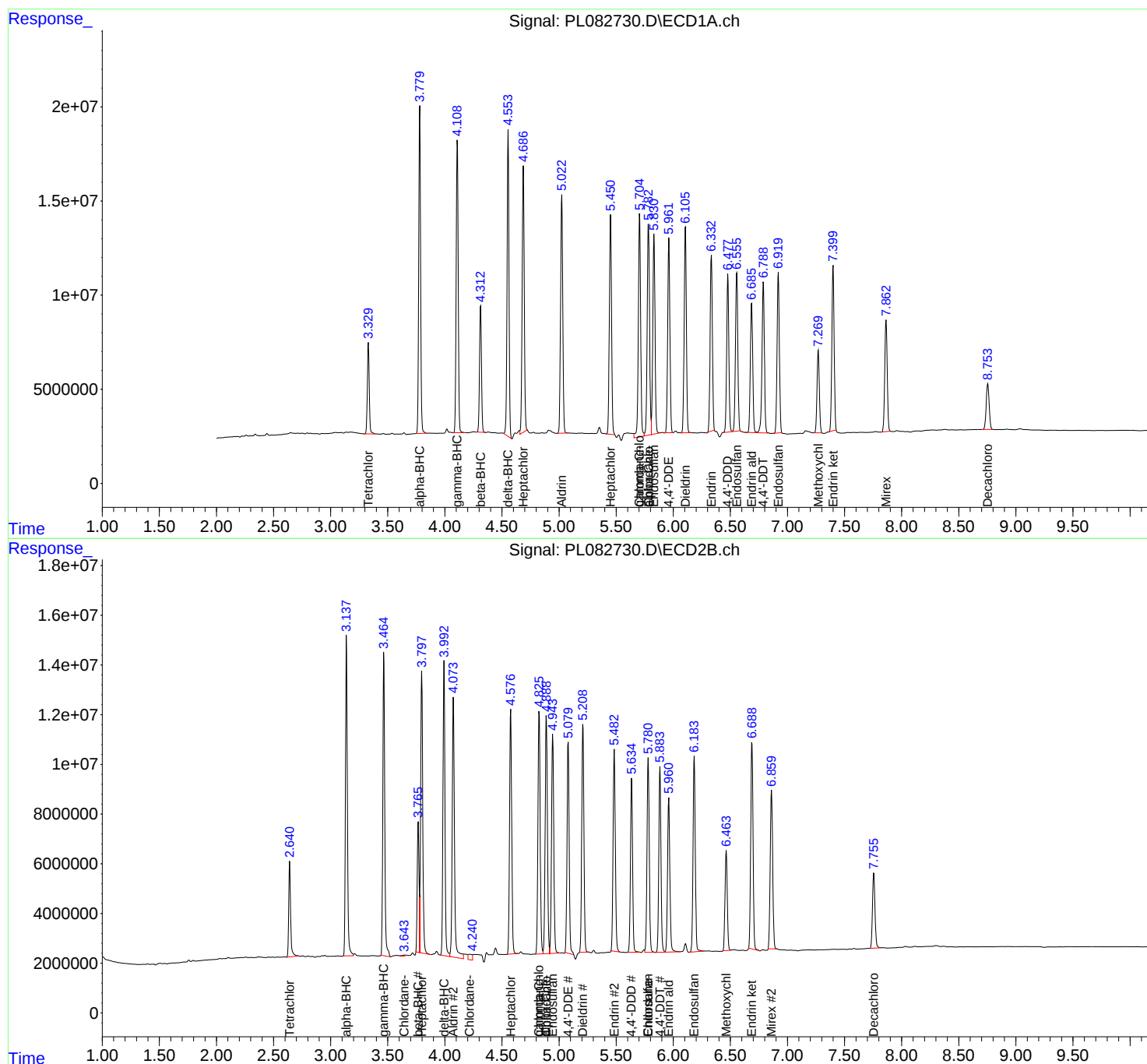
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

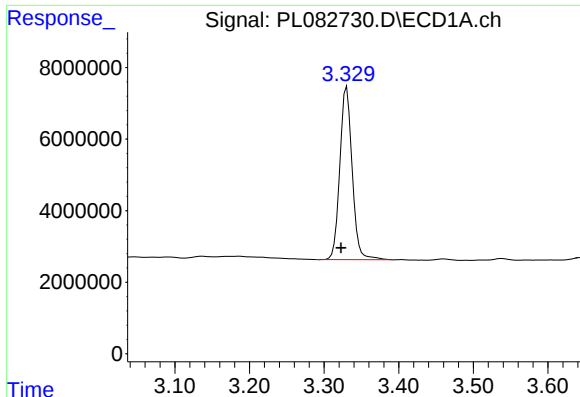
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
Data File : PL082730.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2023 14:42  
Operator : AR\AJ  
Sample : PB152834BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 21:42:51 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

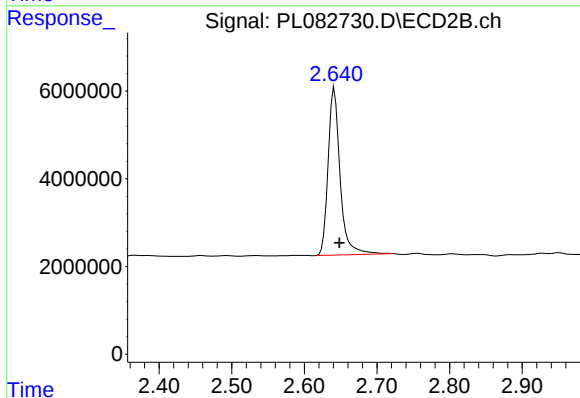




#1 Tetrachloro-m-xylene

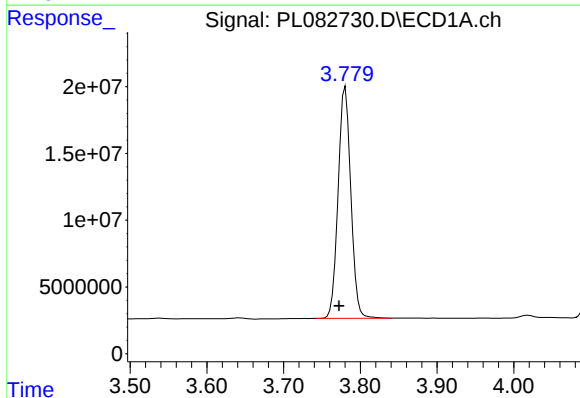
R.T.: 3.330 min  
Delta R.T.: 0.007 min  
Response: 55521246  
Conc: 20.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



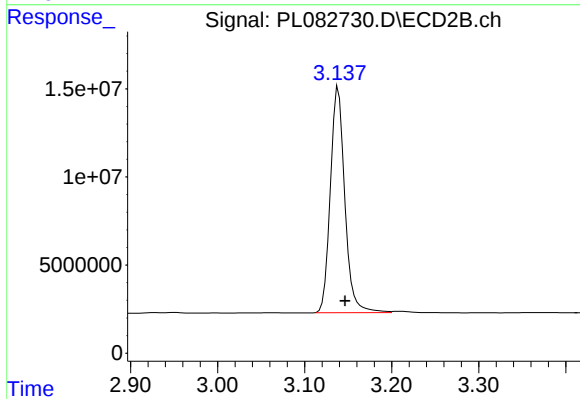
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.007 min  
Response: 44119530  
Conc: 19.04 ng/ml



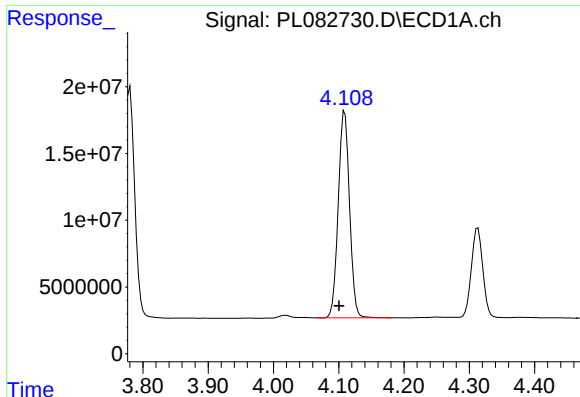
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: 0.008 min  
Response: 199716239  
Conc: 50.18 ng/ml



#2 alpha-BHC

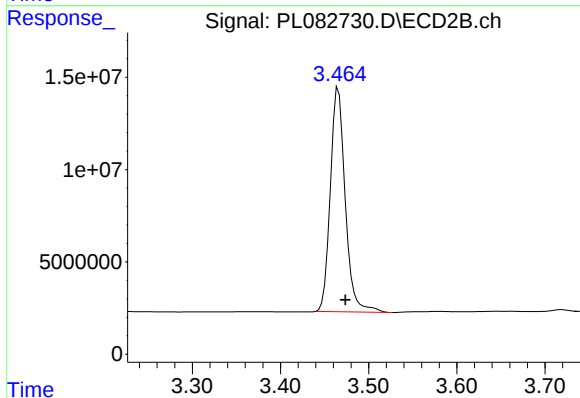
R.T.: 3.139 min  
Delta R.T.: -0.008 min  
Response: 148051183  
Conc: 43.50 ng/ml



#3 gamma-BHC (Lindane)

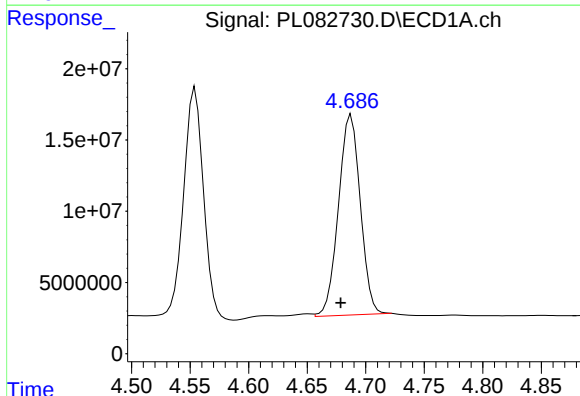
R.T.: 4.109 min  
Delta R.T.: 0.009 min  
Response: 185809982  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



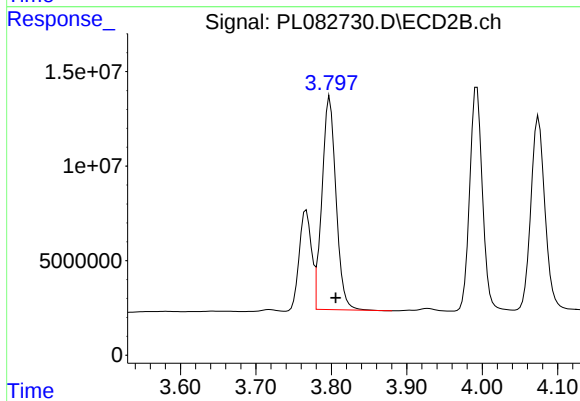
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.008 min  
Response: 142892647  
Conc: 44.44 ng/ml



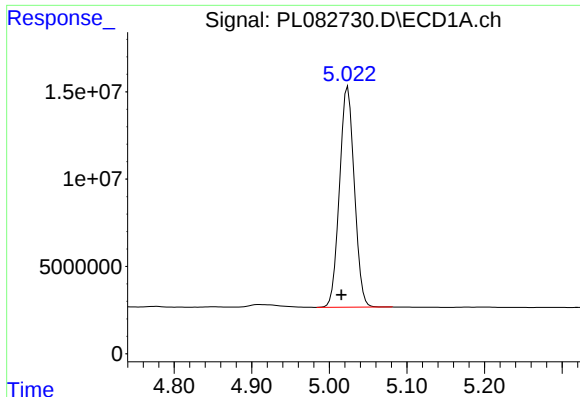
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.009 min  
Response: 182608596  
Conc: 49.98 ng/ml



#4 Heptachlor

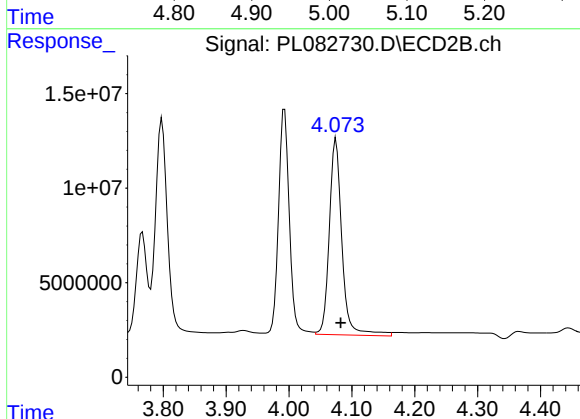
R.T.: 3.798 min  
Delta R.T.: -0.008 min  
Response: 145303974  
Conc: 42.45 ng/ml



#5 Aldrin

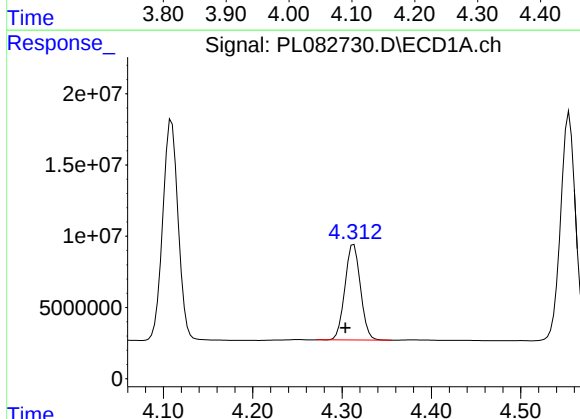
R.T.: 5.024 min  
Delta R.T.: 0.008 min  
Response: 167703445  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



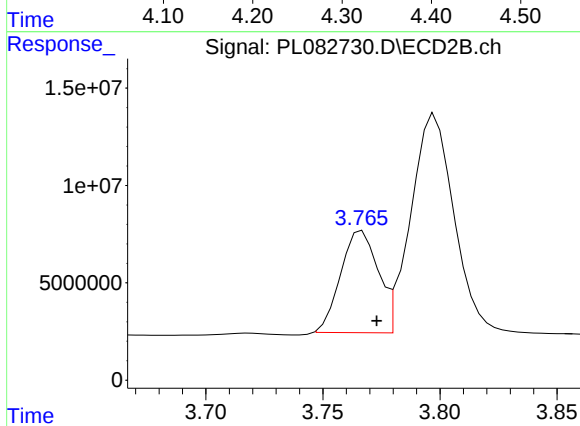
#5 Aldrin

R.T.: 4.075 min  
Delta R.T.: -0.007 min  
Response: 144480723  
Conc: 45.87 ng/ml



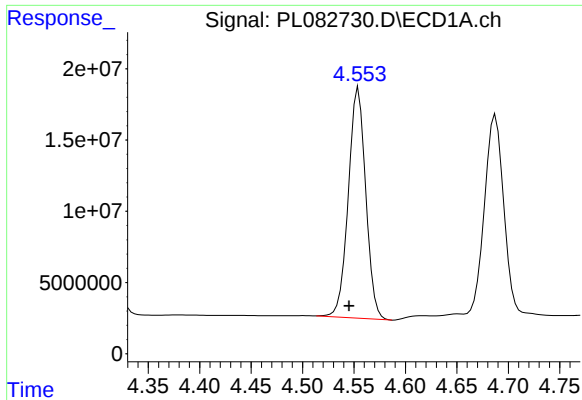
#6 beta-BHC

R.T.: 4.313 min  
Delta R.T.: 0.010 min  
Response: 81131245  
Conc: 47.57 ng/ml



#6 beta-BHC

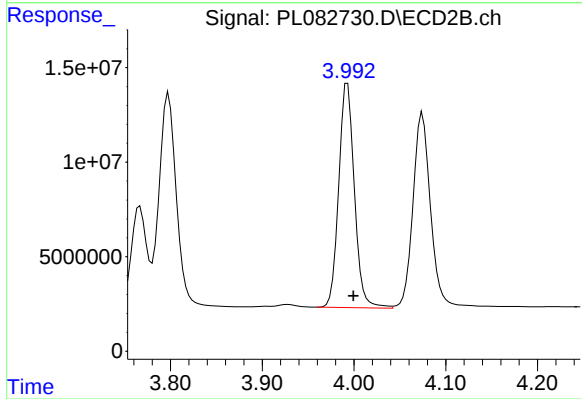
R.T.: 3.767 min  
Delta R.T.: -0.006 min  
Response: 57998476  
Conc: 42.51 ng/ml



#7 delta-BHC

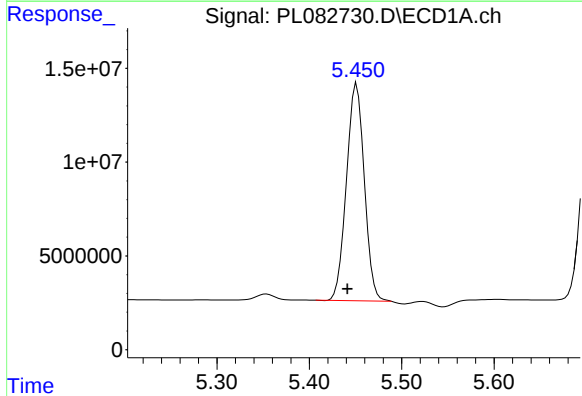
R.T.: 4.554 min  
Delta R.T.: 0.009 min  
Response: 190434338  
Conc: 52.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



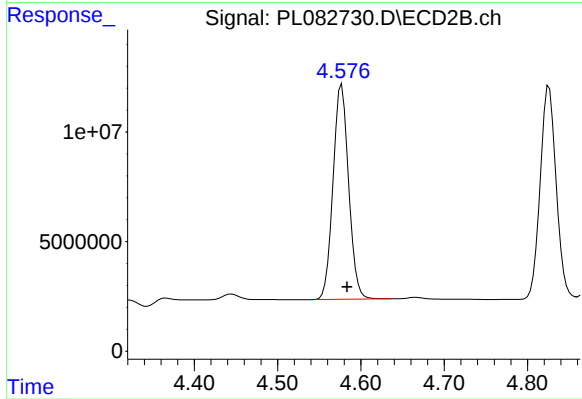
#7 delta-BHC

R.T.: 3.993 min  
Delta R.T.: -0.007 min  
Response: 140904664  
Conc: 45.94 ng/ml



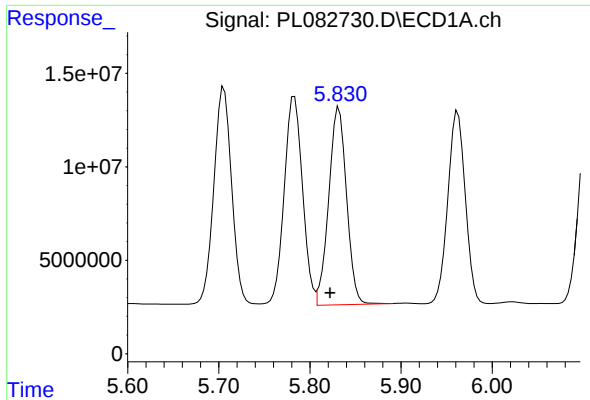
#8 Heptachlor epoxide

R.T.: 5.451 min  
Delta R.T.: 0.010 min  
Response: 155861204  
Conc: 51.10 ng/ml



#8 Heptachlor epoxide

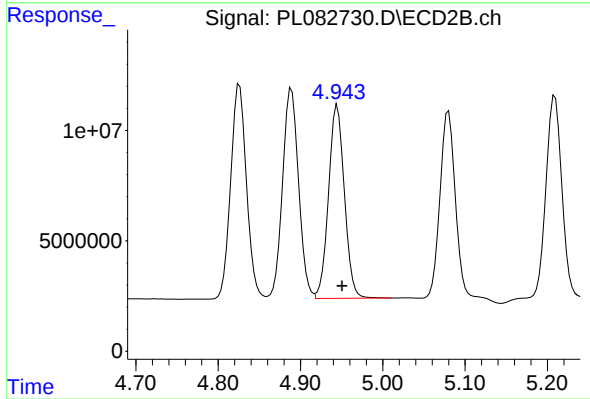
R.T.: 4.577 min  
Delta R.T.: -0.006 min  
Response: 127453436  
Conc: 44.24 ng/ml



#9 Endosulfan I

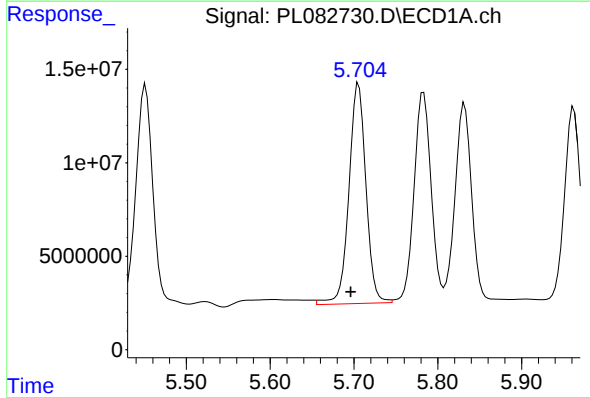
R.T.: 5.832 min  
Delta R.T.: 0.010 min  
Response: 143892715  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



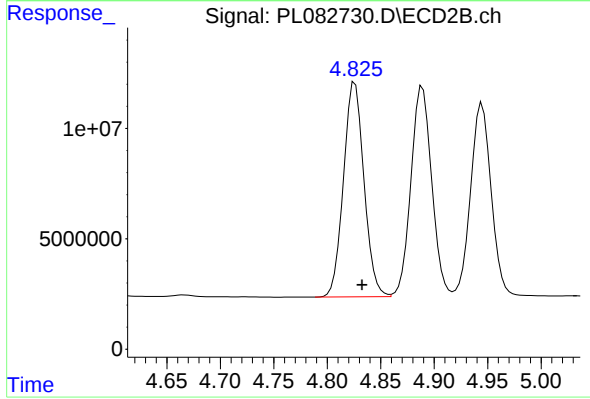
#9 Endosulfan I

R.T.: 4.945 min  
Delta R.T.: -0.006 min  
Response: 117232767  
Conc: 43.92 ng/ml



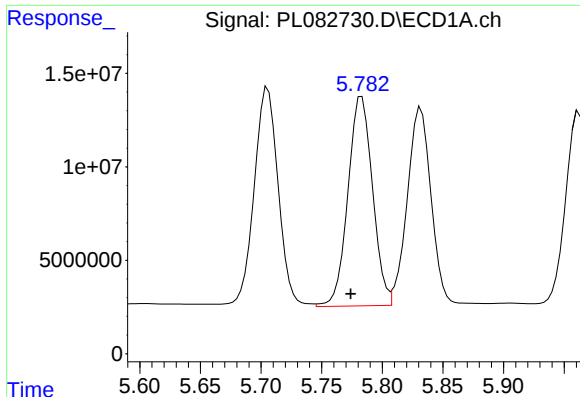
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: 0.009 min  
Response: 166764717  
Conc: 55.46 ng/ml



#10 gamma-Chlordane

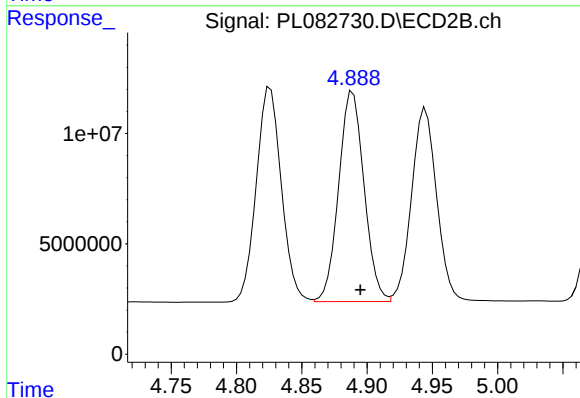
R.T.: 4.826 min  
Delta R.T.: -0.007 min  
Response: 129855876  
Conc: 44.75 ng/ml



#11 alpha-Chlordane

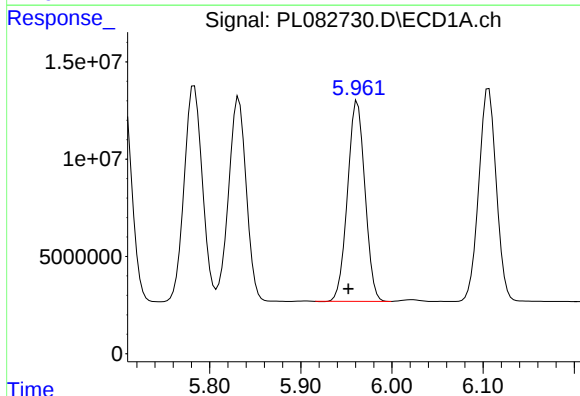
R.T.: 5.783 min  
Delta R.T.: 0.009 min  
Response: 158108687  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



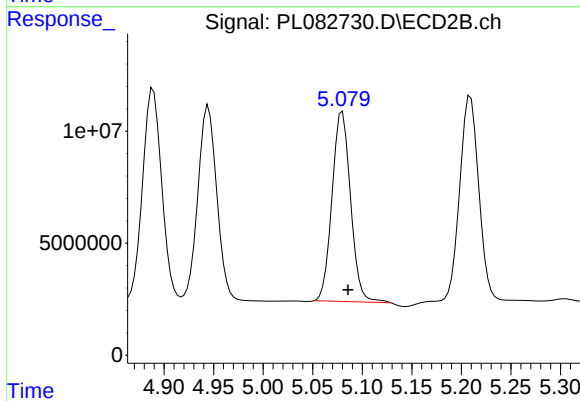
#11 alpha-Chlordane

R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 128973885  
Conc: 44.43 ng/ml



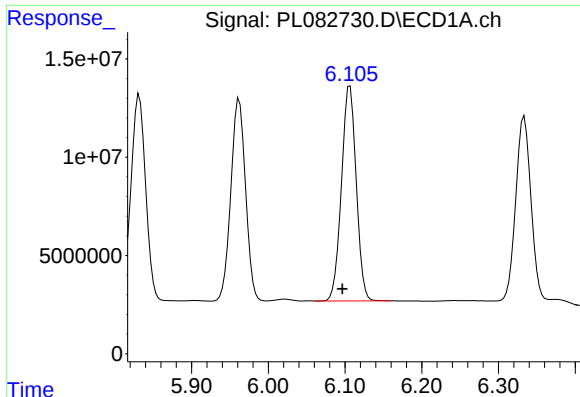
#12 4,4'-DDE

R.T.: 5.962 min  
Delta R.T.: 0.010 min  
Response: 136725264  
Conc: 53.79 ng/ml



#12 4,4'-DDE

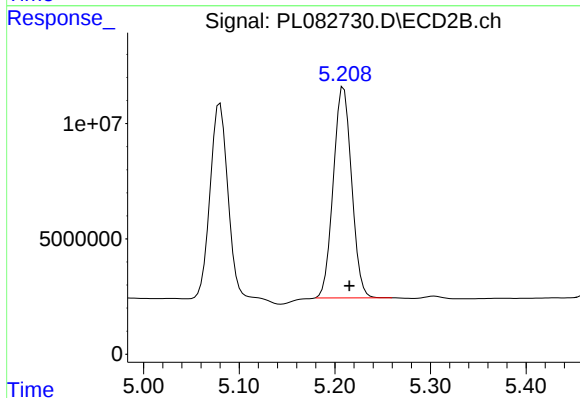
R.T.: 5.080 min  
Delta R.T.: -0.006 min  
Response: 110307742  
Conc: 47.98 ng/ml



#13 Dieldrin

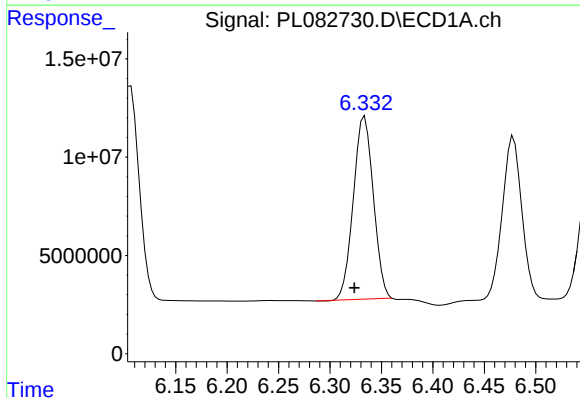
R.T.: 6.106 min  
Delta R.T.: 0.010 min  
Response: 146383252  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



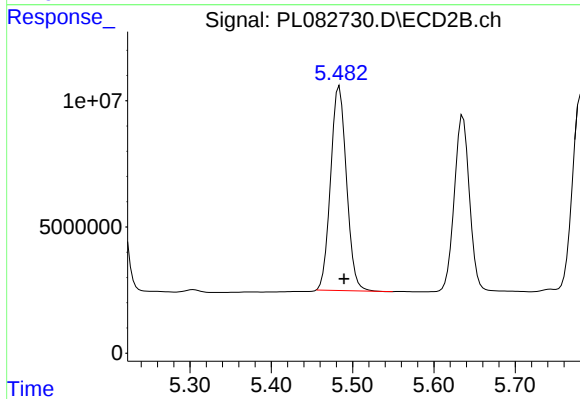
#13 Dieldrin

R.T.: 5.209 min  
Delta R.T.: -0.006 min  
Response: 121264206  
Conc: 44.91 ng/ml



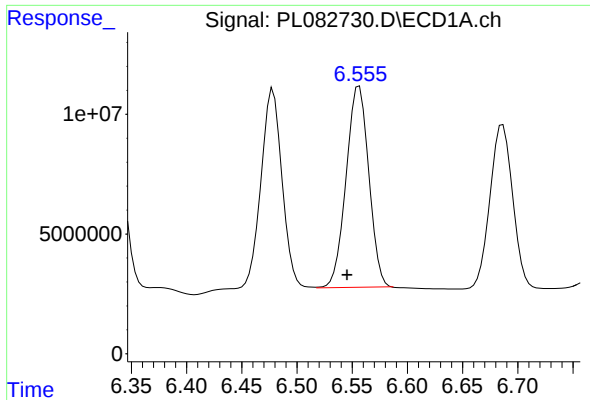
#14 Endrin

R.T.: 6.334 min  
Delta R.T.: 0.010 min  
Response: 125821879  
Conc: 51.89 ng/ml



#14 Endrin

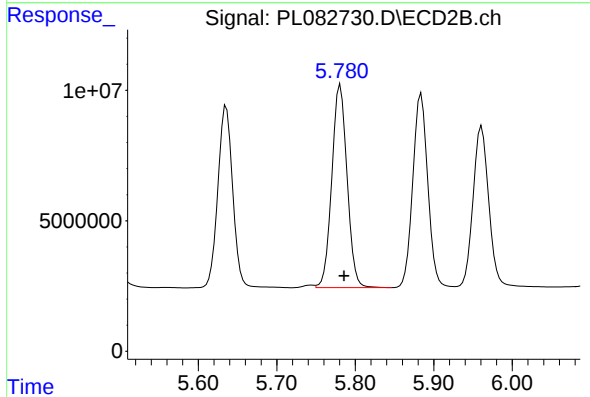
R.T.: 5.484 min  
Delta R.T.: -0.006 min  
Response: 109913830  
Conc: 44.94 ng/ml



#15 Endosulfan II

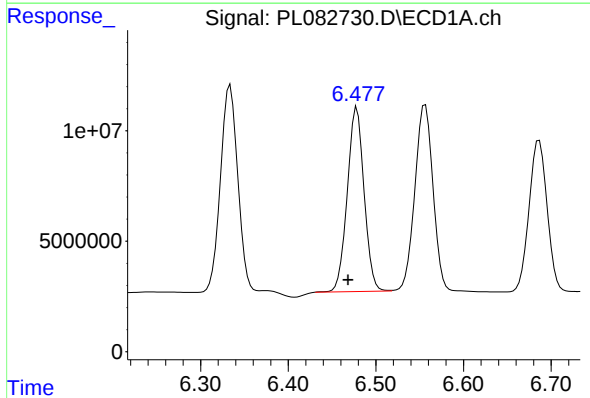
R.T.: 6.556 min  
Delta R.T.: 0.011 min  
Response: 120241686  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



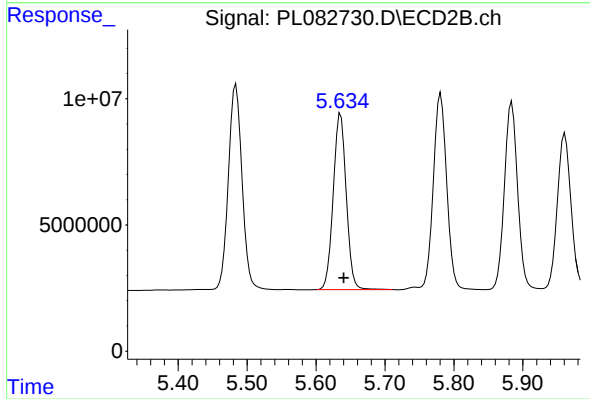
#15 Endosulfan II

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 105119211  
Conc: 46.63 ng/ml



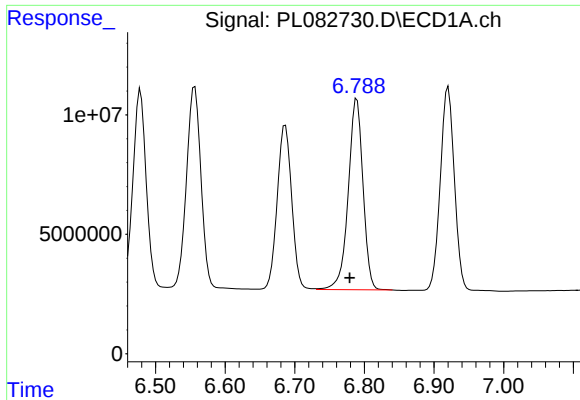
#16 4,4'-DDD

R.T.: 6.478 min  
Delta R.T.: 0.010 min  
Response: 111133351  
Conc: 54.82 ng/ml



#16 4,4'-DDD

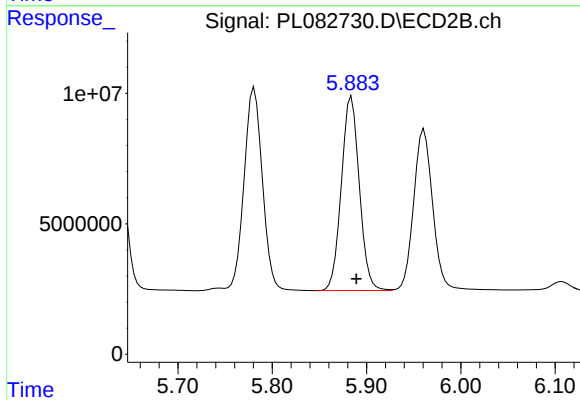
R.T.: 5.636 min  
Delta R.T.: -0.005 min  
Response: 91353742  
Conc: 48.84 ng/ml



#17 4,4'-DDT

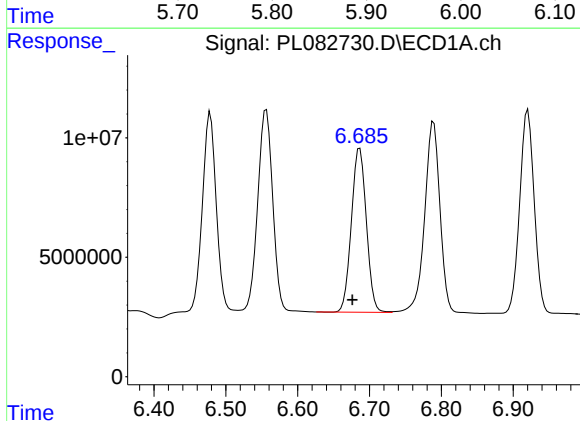
R.T.: 6.789 min  
Delta R.T.: 0.010 min  
Response: 117809056  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



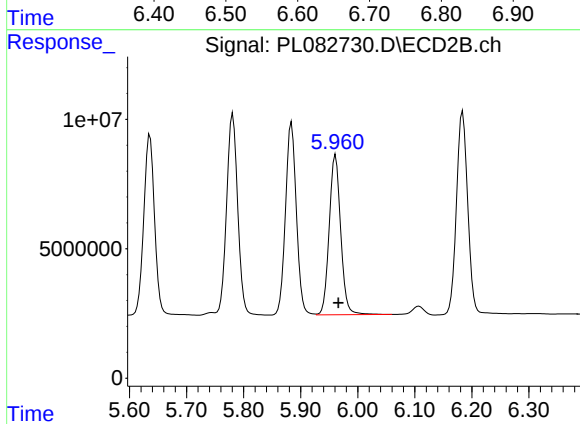
#17 4,4'-DDT

R.T.: 5.884 min  
Delta R.T.: -0.005 min  
Response: 98601818  
Conc: 46.67 ng/ml



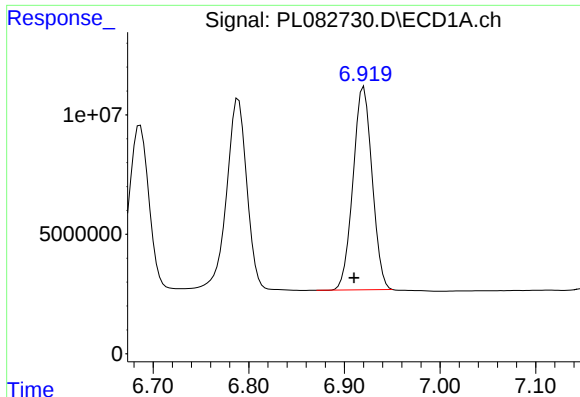
#18 Endrin aldehyde

R.T.: 6.686 min  
Delta R.T.: 0.010 min  
Response: 99052349  
Conc: 52.57 ng/ml



#18 Endrin aldehyde

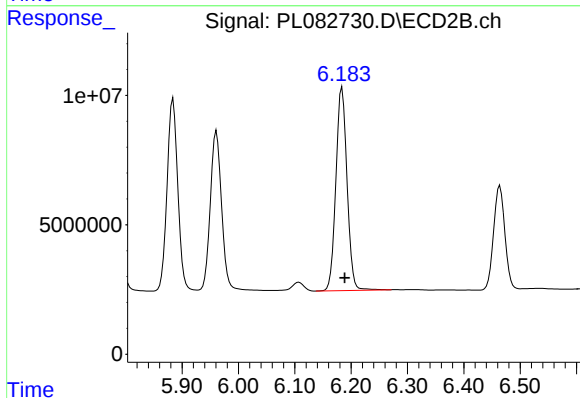
R.T.: 5.961 min  
Delta R.T.: -0.005 min  
Response: 86537039  
Conc: 46.24 ng/ml



#19 Endosulfan Sulfate

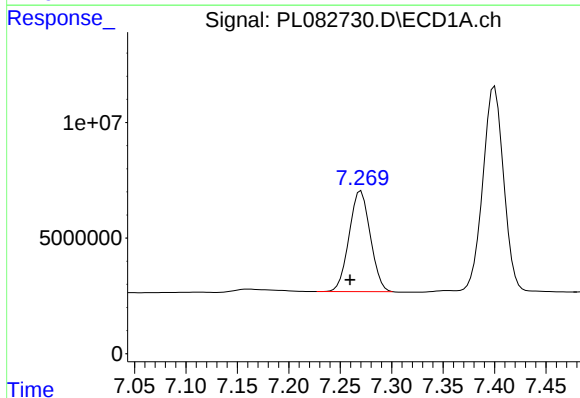
R.T.: 6.920 min  
Delta R.T.: 0.010 min  
Response: 118085384  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



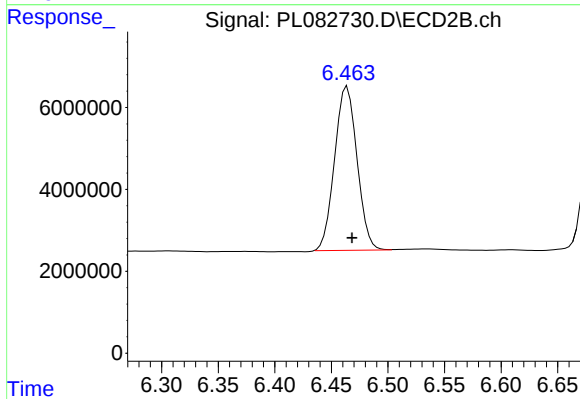
#19 Endosulfan Sulfate

R.T.: 6.184 min  
Delta R.T.: -0.005 min  
Response: 108041714  
Conc: 45.89 ng/ml



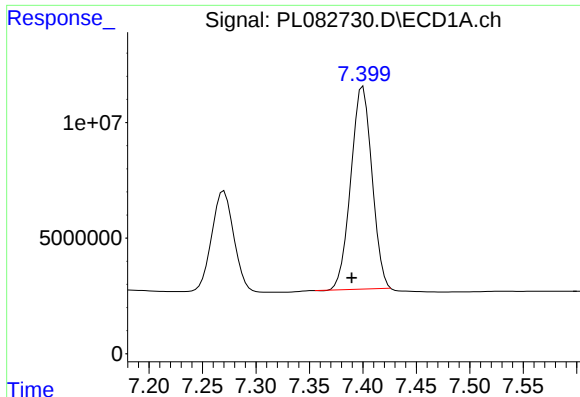
#20 Methoxychlor

R.T.: 7.270 min  
Delta R.T.: 0.011 min  
Response: 62451877  
Conc: 51.18 ng/ml



#20 Methoxychlor

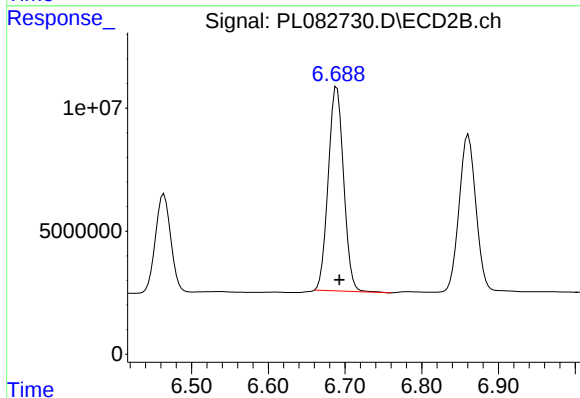
R.T.: 6.464 min  
Delta R.T.: -0.004 min  
Response: 55224646  
Conc: 45.57 ng/ml



#21 Endrin ketone

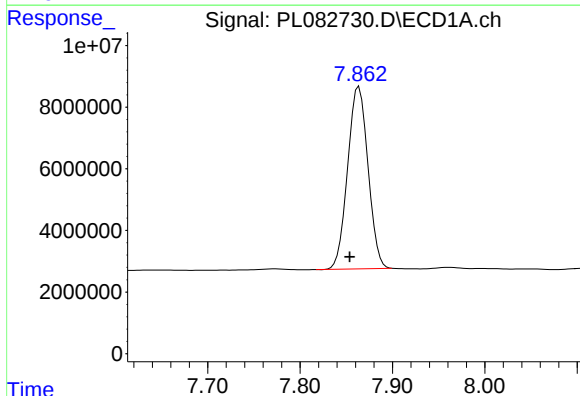
R.T.: 7.400 min  
Delta R.T.: 0.011 min  
Response: 120651943  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



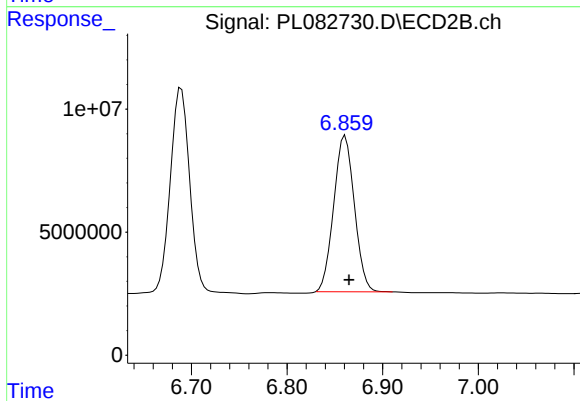
#21 Endrin ketone

R.T.: 6.689 min  
Delta R.T.: -0.003 min  
Response: 115453280  
Conc: 45.49 ng/ml



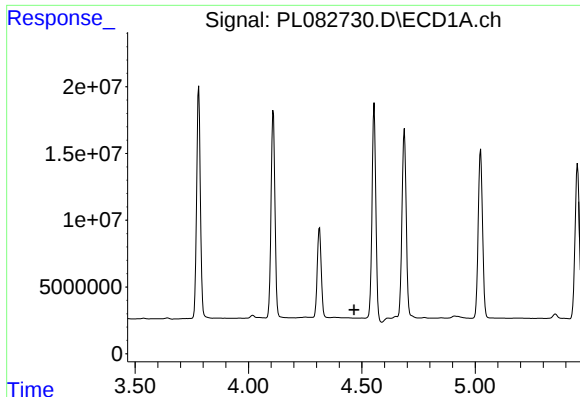
#22 Mirex

R.T.: 7.864 min  
Delta R.T.: 0.010 min  
Response: 90789756  
Conc: 46.41 ng/ml



#22 Mirex

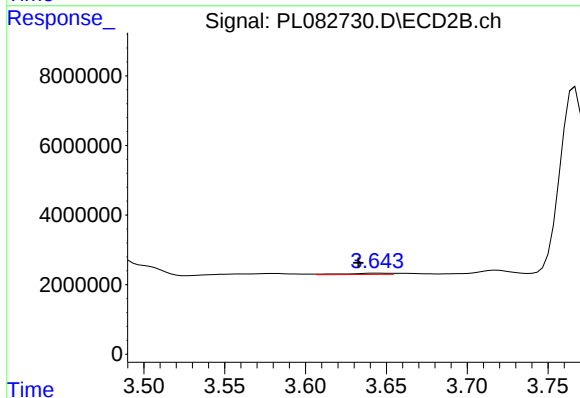
R.T.: 6.861 min  
Delta R.T.: -0.004 min  
Response: 95287487  
Conc: 41.35 ng/ml



#23 Chlordane-1

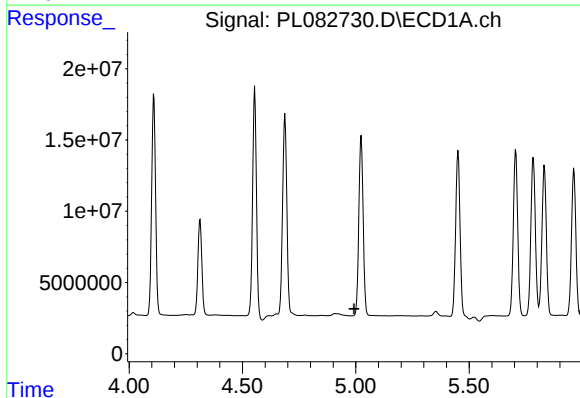
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



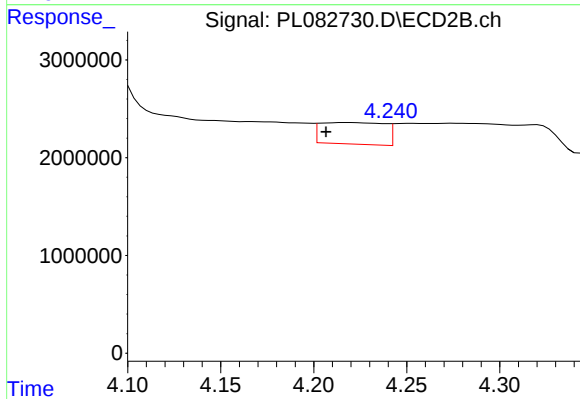
#23 Chlordane-1

R.T.: 3.644 min  
Delta R.T.: 0.011 min  
Response: 738518  
Conc: 8.33 ng/ml



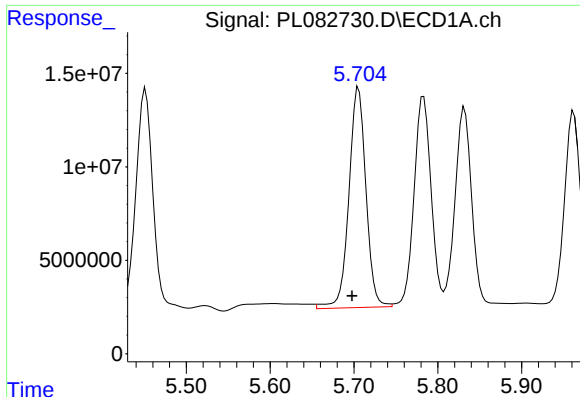
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

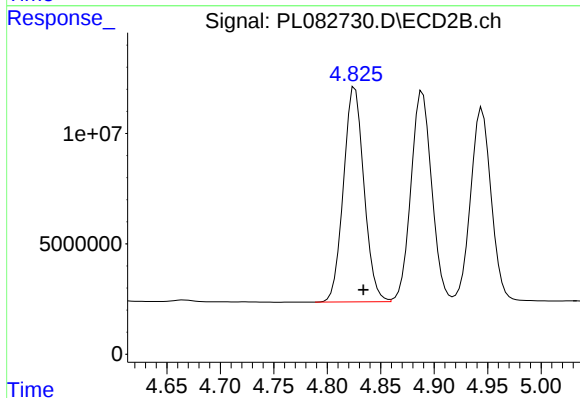
R.T.: 4.218 min  
Delta R.T.: 0.012 min  
Response: 5293044  
Conc: 47.20 ng/ml



#25 Chlordane-3

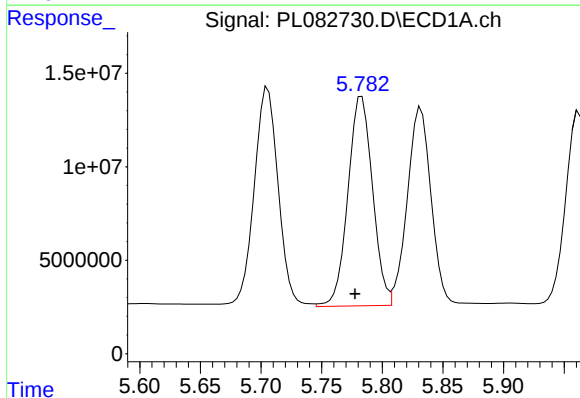
R.T.: 5.706 min  
Delta R.T.: 0.008 min  
Response: 166764717  
Conc: 386.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



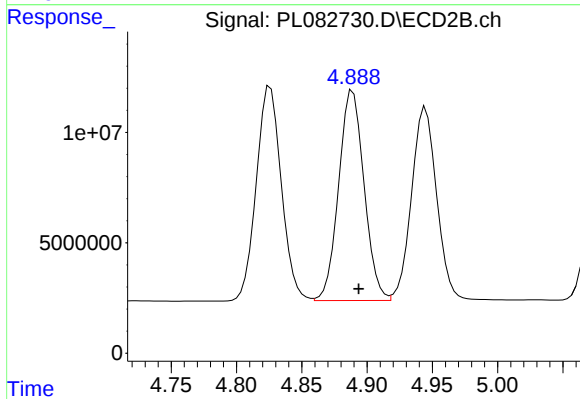
#25 Chlordane-3

R.T.: 4.826 min  
Delta R.T.: -0.008 min  
Response: 129855876  
Conc: 457.06 ng/ml



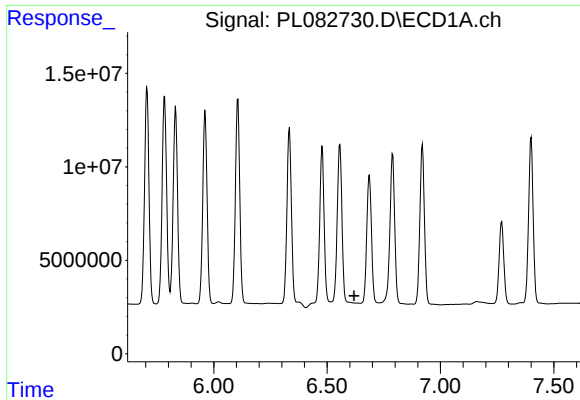
#26 Chlordane-4

R.T.: 5.783 min  
Delta R.T.: 0.006 min  
Response: 158108687  
Conc: 304.10 ng/ml



#26 Chlordane-4

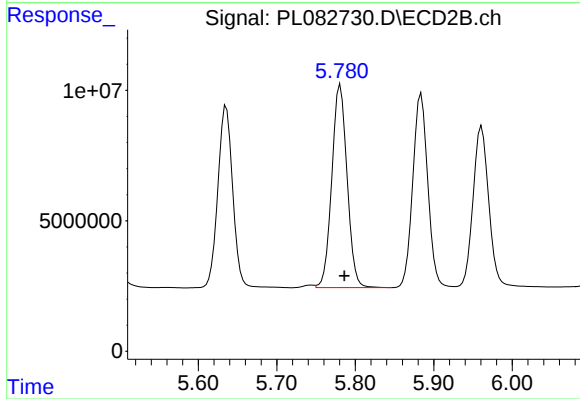
R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 128973885  
Conc: 432.21 ng/ml



#27 Chlordane-5

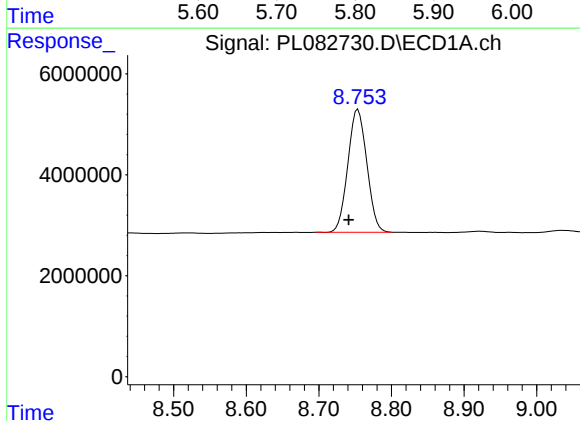
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



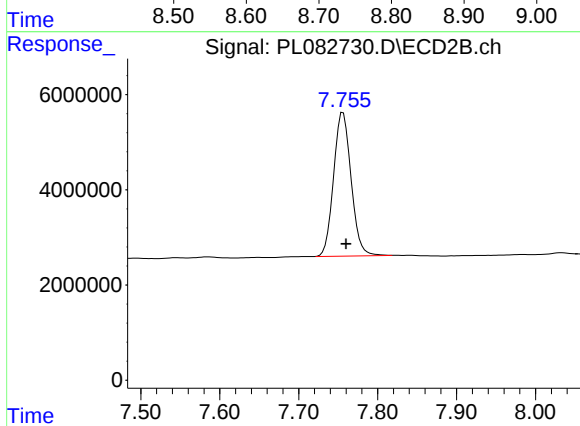
#27 Chlordane-5

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 105119211  
Conc: 1064.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.754 min  
Delta R.T.: 0.013 min  
Response: 44140851  
Conc: 23.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.756 min  
Delta R.T.: -0.004 min  
Response: 46631320  
Conc: 20.43 ng/ml