

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
 Data File : PL083442.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2023 19:30  
 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: Jun 14 22:41:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.313  | 2.631  | 140.2E6  | 127.3E6  | 47.689   | 49.027     |
| 28)                         | SA Decachlor... | 8.729  | 7.733  | 106.2E6  | 123.4E6  | 50.650   | 49.638     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.762  | 3.126  | 215.3E6  | 181.6E6  | 48.508   | 48.672     |
| 3)                          | MA gamma-BHC... | 4.090  | 3.452  | 198.1E6  | 161.4E6  | 47.816   | 48.420     |
| 4)                          | MA Heptachlor   | 4.667  | 3.782  | 178.0E6  | 163.5E6  | 46.563   | 44.650     |
| 5)                          | MB Aldrin       | 5.003  | 4.058  | 177.4E6  | 158.2E6  | 50.414   | 48.610     |
| 6)                          | B beta-BHC      | 4.294  | 3.754  | 88164371 | 68297452 | 46.828   | 47.758     |
| 7)                          | B delta-BHC     | 4.535  | 3.978  | 195.4E6  | 164.5E6  | 56.822   | 50.220     |
| 8)                          | B Heptachlo...  | 5.430  | 4.559  | 160.4E6  | 137.2E6  | 50.159   | 46.212     |
| 9)                          | A Endosulfan I  | 5.811  | 4.926  | 147.6E6  | 136.7E6  | 49.185   | 48.936     |
| 10)                         | B gamma-Chl...  | 5.685  | 4.807  | 165.4E6  | 148.0E6  | 52.050   | 49.291     |
| 11)                         | B alpha-Chl...  | 5.762  | 4.870  | 159.1E6  | 146.6E6  | 49.562   | 48.824     |
| 12)                         | B 4,4'-DDE      | 5.941  | 5.060  | 142.3E6  | 123.3E6  | 51.618   | 50.758     |
| 13)                         | MA Dieldrin     | 6.085  | 5.189  | 149.9E6  | 131.7E6  | 49.831   | 46.666     |
| 14)                         | MA Endrin       | 6.312  | 5.463  | 120.8E6  | 106.4E6  | 44.947   | 41.935     |
| 15)                         | B Endosulfa...  | 6.535  | 5.761  | 124.5E6  | 117.7E6  | 46.815   | 47.571     |
| 16)                         | A 4,4'-DDD      | 6.458  | 5.615  | 121.6E6  | 106.6E6  | 55.966   | 55.429     |
| 17)                         | MA 4,4'-DDT     | 6.768  | 5.863  | 110.0E6  | 87936072 | 43.946   | 39.415     |
| 18)                         | B Endrin al...  | 6.665  | 5.940  | 95152016 | 93302756 | 47.324   | 47.183     |
| 19)                         | B Endosulfa...  | 6.900  | 6.163  | 131.1E6  | 121.8E6  | 51.140   | 49.720     |
| 20)                         | A Methoxychlor  | 7.250  | 6.442  | 57130277 | 54102064 | 43.203   | 42.542     |
| 21)                         | B Endrin ke...  | 7.379  | 6.667  | 134.5E6  | 134.8E6  | 52.732   | 49.852     |
| 22)                         | Mirex           | 7.842  | 6.838  | 102.4E6  | 108.4E6  | 48.851   | 46.349     |
| 23)                         | Chlordane-1     | 0.000  | 3.648f | 0        | 615945   | N.D.     | 7.465 #    |
| 24)                         | Chlordane-2     | 5.003f | 4.205  | 177.4E6  | 354708   | 1610.056 | 3.984 #    |
| 25)                         | Chlordane-3     | 5.685  | 4.807  | 165.4E6  | 148.0E6  | 398.551  | 555.490 #  |
| 26)                         | Chlordane-4     | 5.762  | 4.870  | 159.1E6  | 146.6E6  | 314.115  | 520.203 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.761  | 0        | 117.7E6  | N.D.     | 1211.576 # |
| -----                       |                 |        |        |          |          |          |            |

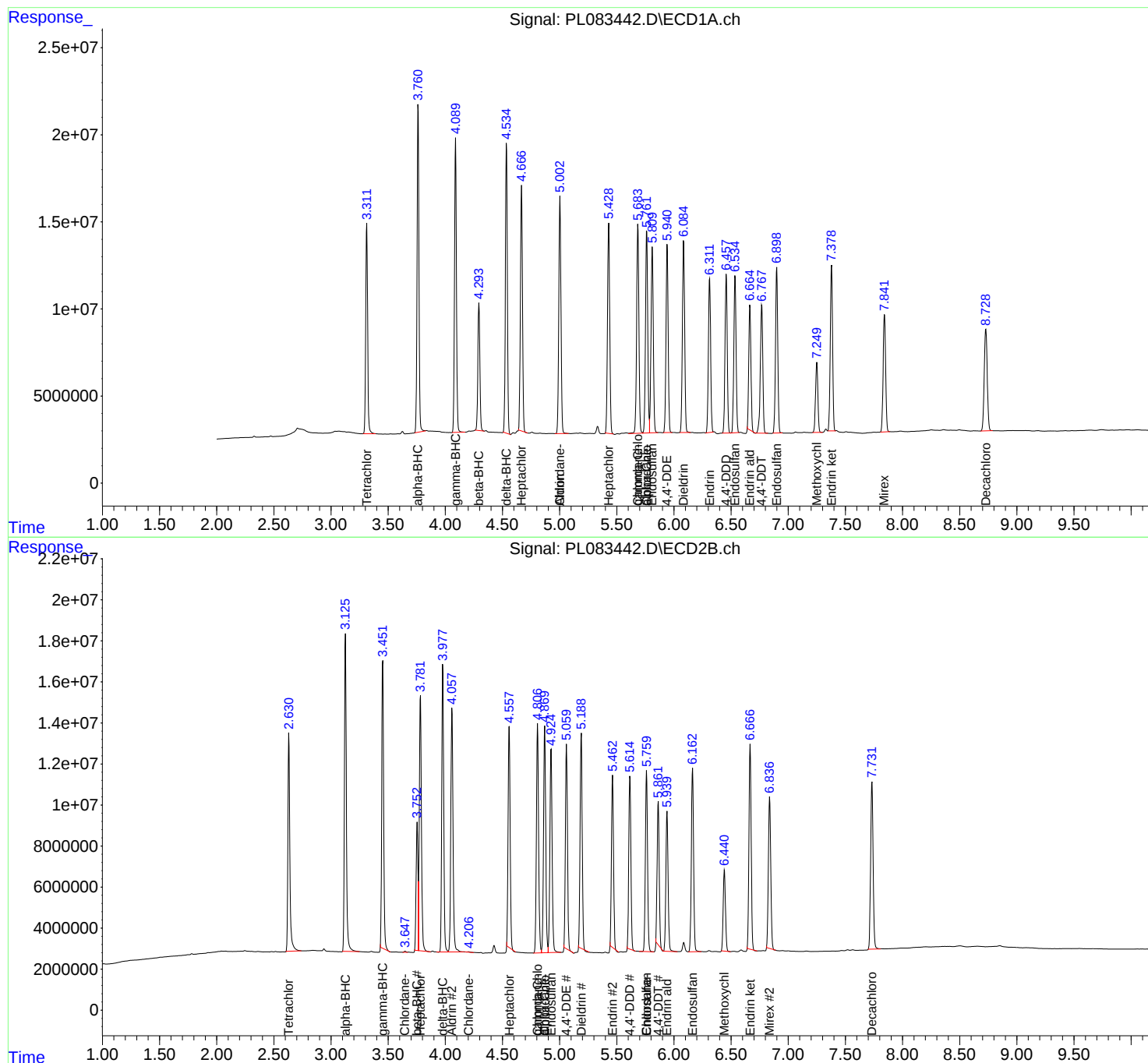
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

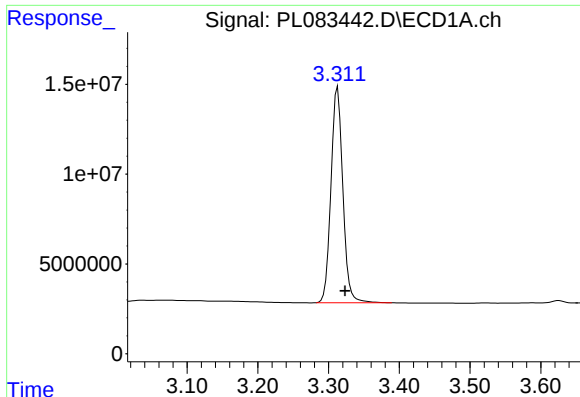
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
Data File : PL083442.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2023 19:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 22:41:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

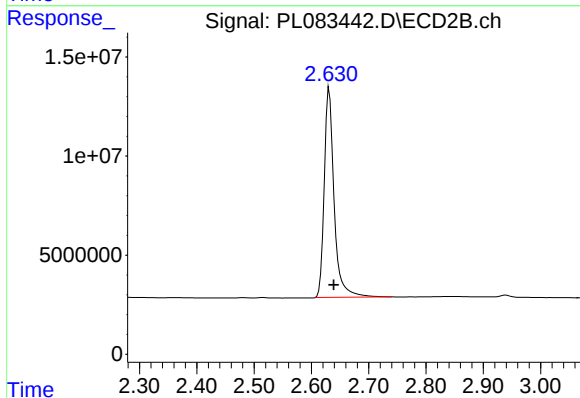




#1 Tetrachloro-m-xylene

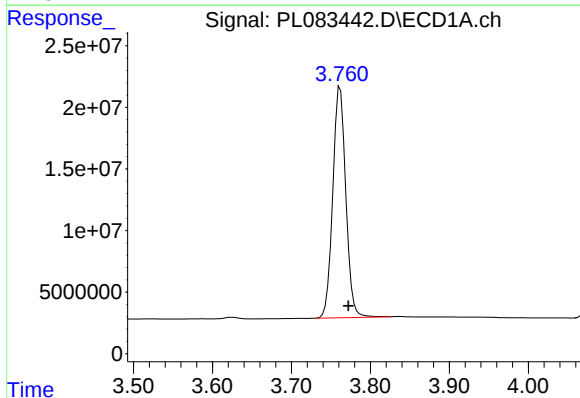
R.T.: 3.313 min  
Delta R.T.: -0.010 min  
Response: 140160251  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



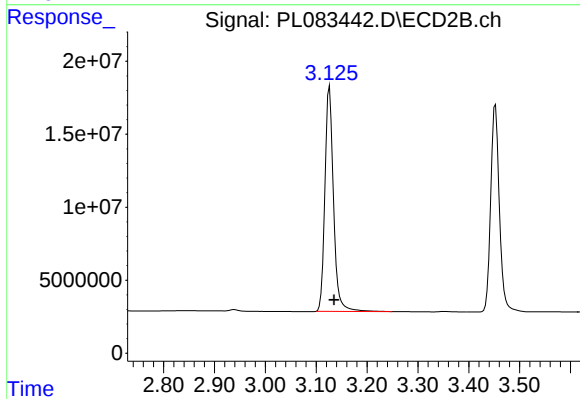
#1 Tetrachloro-m-xylene

R.T.: 2.631 min  
Delta R.T.: -0.008 min  
Response: 127278304  
Conc: 49.03 ng/ml



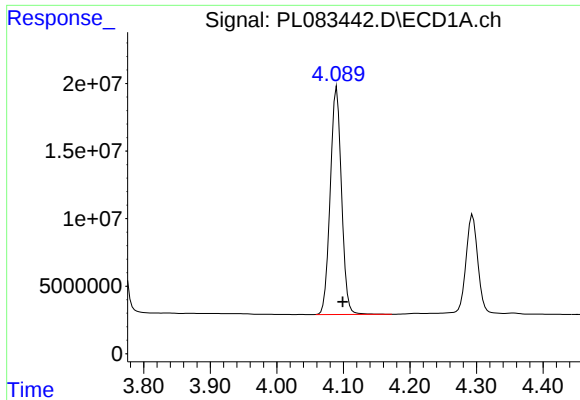
#2 alpha-BHC

R.T.: 3.762 min  
Delta R.T.: -0.010 min  
Response: 215338668  
Conc: 48.51 ng/ml



#2 alpha-BHC

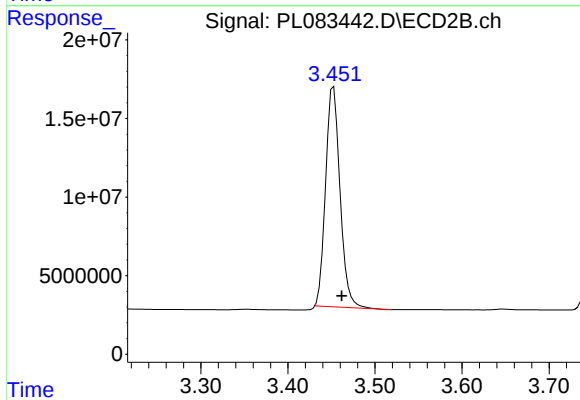
R.T.: 3.126 min  
Delta R.T.: -0.009 min  
Response: 181617924  
Conc: 48.67 ng/ml



#3 gamma-BHC (Lindane)

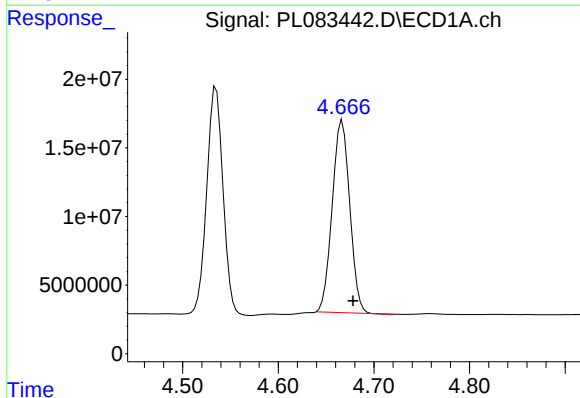
R.T.: 4.090 min  
Delta R.T.: -0.009 min  
Response: 198096729  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



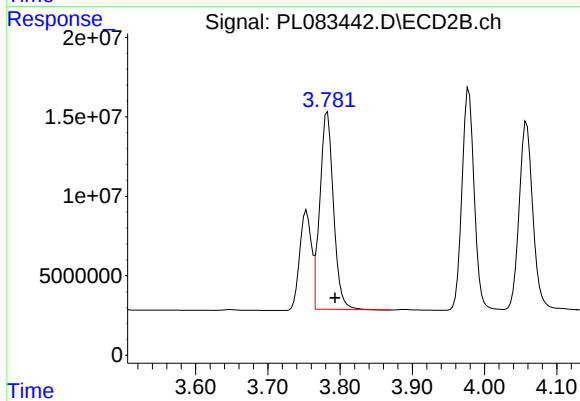
#3 gamma-BHC (Lindane)

R.T.: 3.452 min  
Delta R.T.: -0.009 min  
Response: 161398327  
Conc: 48.42 ng/ml



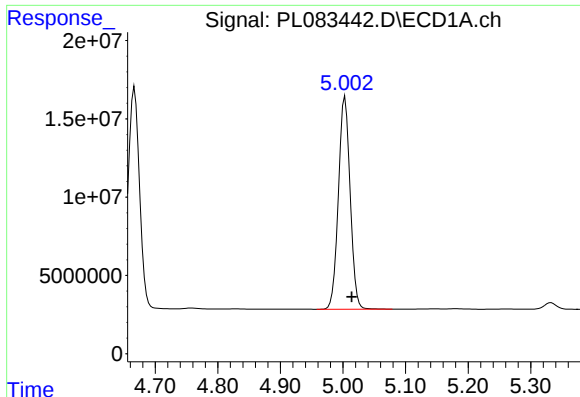
#4 Heptachlor

R.T.: 4.667 min  
Delta R.T.: -0.011 min  
Response: 177985632  
Conc: 46.56 ng/ml



#4 Heptachlor

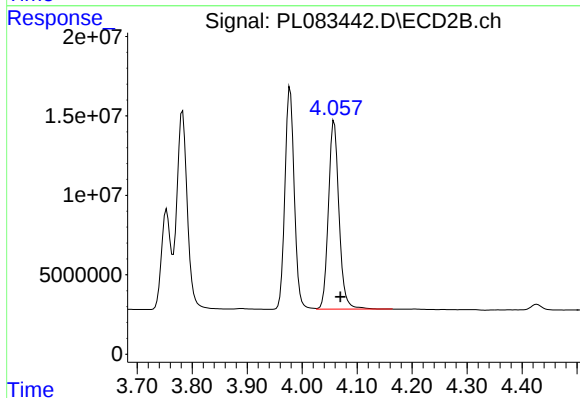
R.T.: 3.782 min  
Delta R.T.: -0.011 min  
Response: 163468443  
Conc: 44.65 ng/ml



#5 Aldrin

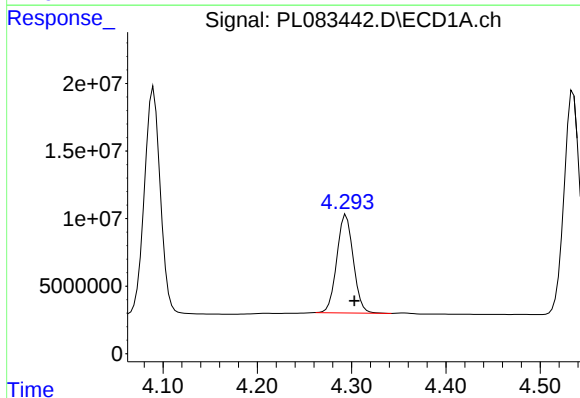
R.T.: 5.003 min  
Delta R.T.: -0.011 min  
Response: 177360773  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



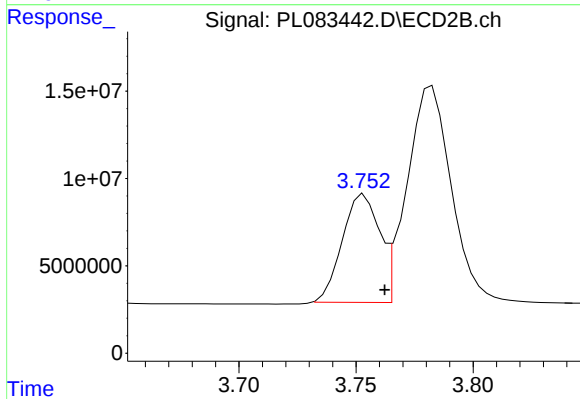
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: -0.011 min  
Response: 158157482  
Conc: 48.61 ng/ml



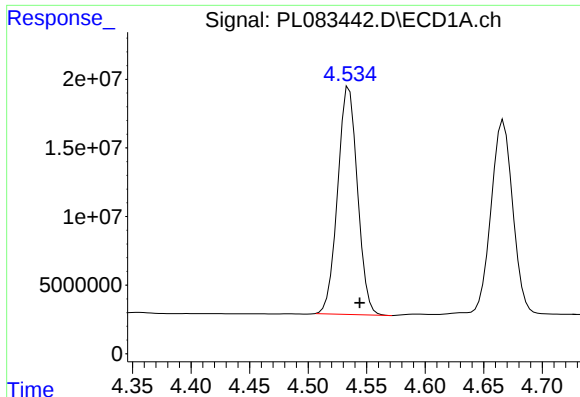
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.009 min  
Response: 88164371  
Conc: 46.83 ng/ml



#6 beta-BHC

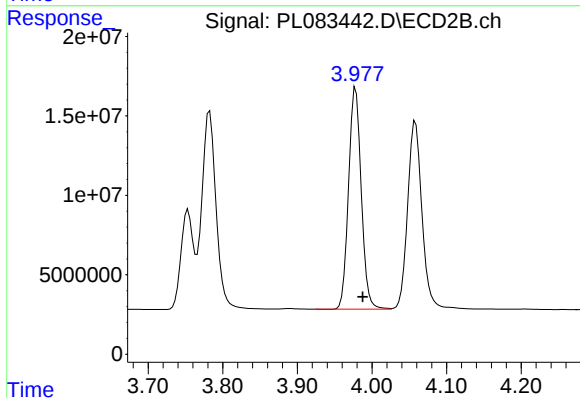
R.T.: 3.754 min  
Delta R.T.: -0.009 min  
Response: 68297452  
Conc: 47.76 ng/ml



#7 delta-BHC

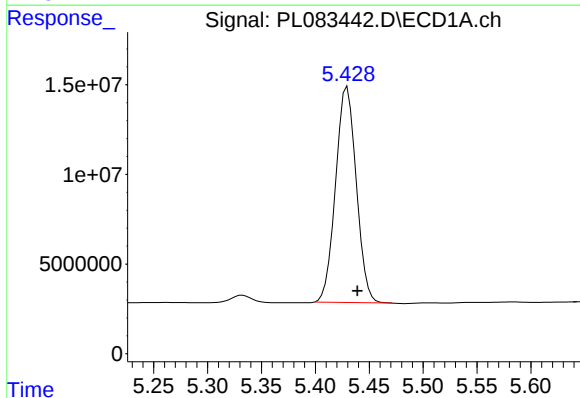
R.T.: 4.535 min  
Delta R.T.: -0.009 min  
Response: 195407159  
Conc: 56.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



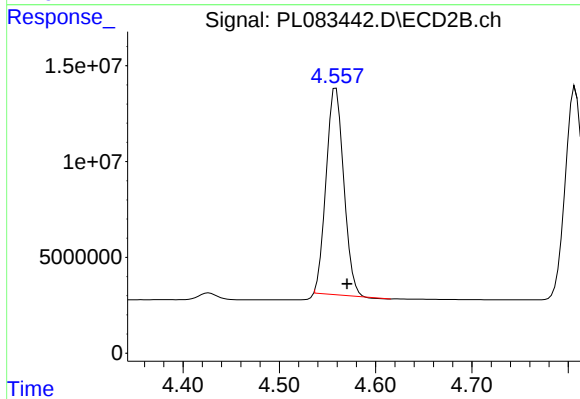
#7 delta-BHC

R.T.: 3.978 min  
Delta R.T.: -0.010 min  
Response: 164544263  
Conc: 50.22 ng/ml



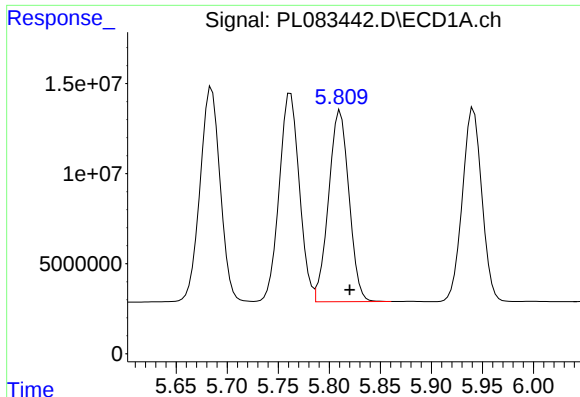
#8 Heptachlor epoxide

R.T.: 5.430 min  
Delta R.T.: -0.009 min  
Response: 160443557  
Conc: 50.16 ng/ml



#8 Heptachlor epoxide

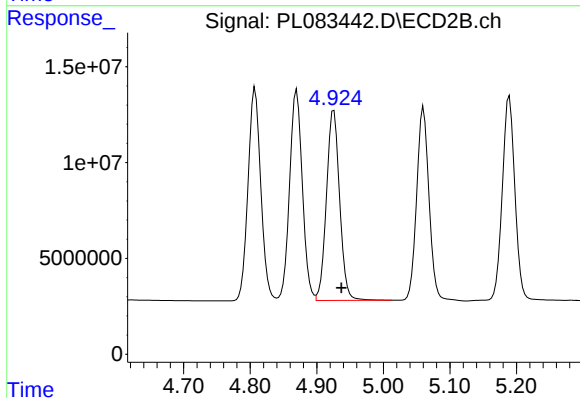
R.T.: 4.559 min  
Delta R.T.: -0.012 min  
Response: 137152770  
Conc: 46.21 ng/ml



#9 Endosulfan I

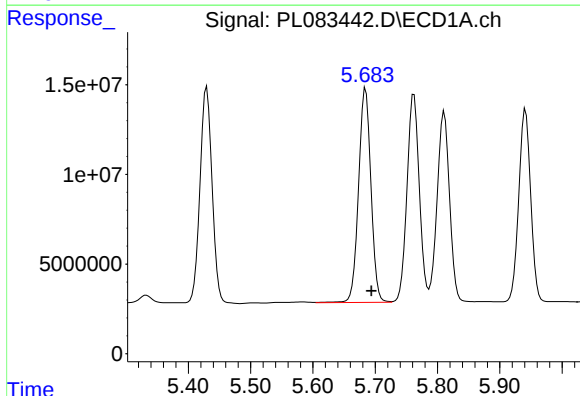
R.T.: 5.811 min  
Delta R.T.: -0.009 min  
Response: 147582325  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



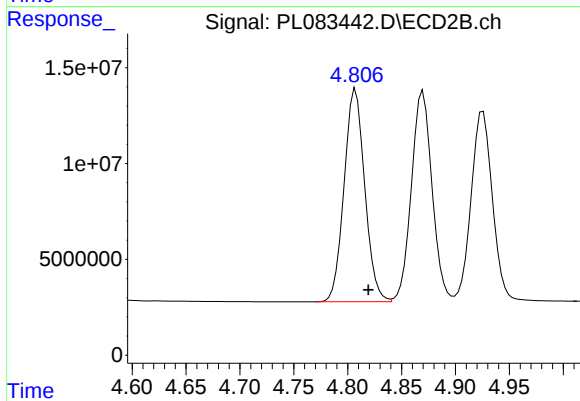
#9 Endosulfan I

R.T.: 4.926 min  
Delta R.T.: -0.012 min  
Response: 136744998  
Conc: 48.94 ng/ml



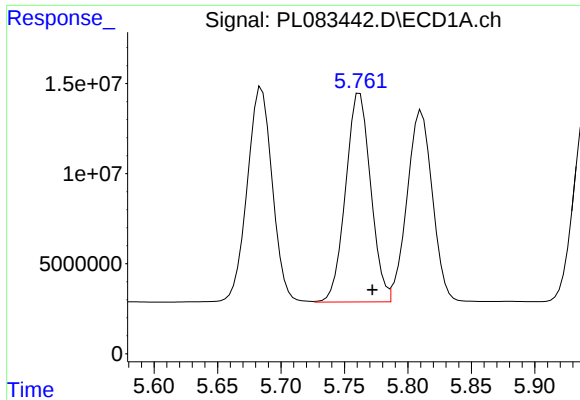
#10 gamma-Chlordane

R.T.: 5.685 min  
Delta R.T.: -0.009 min  
Response: 165359971  
Conc: 52.05 ng/ml



#10 gamma-Chlordane

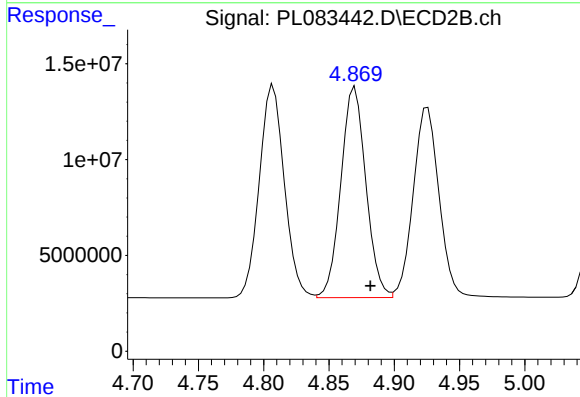
R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 148040625  
Conc: 49.29 ng/ml



#11 alpha-Chlordane

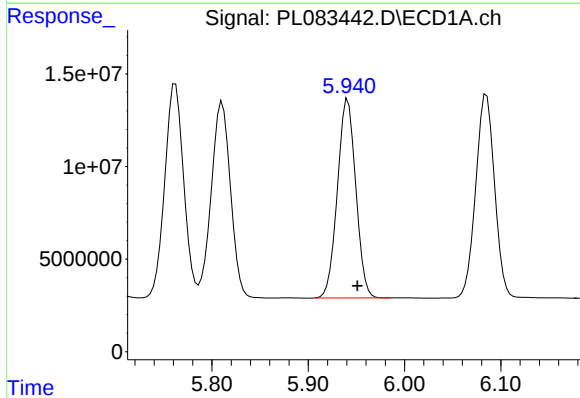
R.T.: 5.762 min  
Delta R.T.: -0.010 min  
Response: 159060663  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



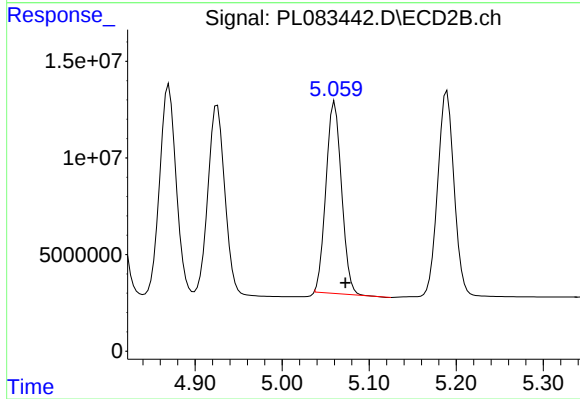
#11 alpha-Chlordane

R.T.: 4.870 min  
Delta R.T.: -0.012 min  
Response: 146567929  
Conc: 48.82 ng/ml



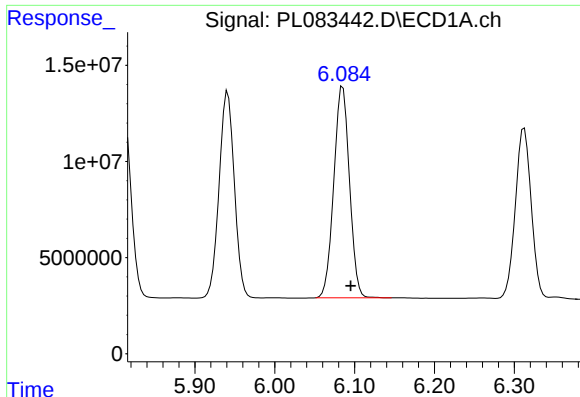
#12 4,4'-DDE

R.T.: 5.941 min  
Delta R.T.: -0.010 min  
Response: 142285349  
Conc: 51.62 ng/ml



#12 4,4'-DDE

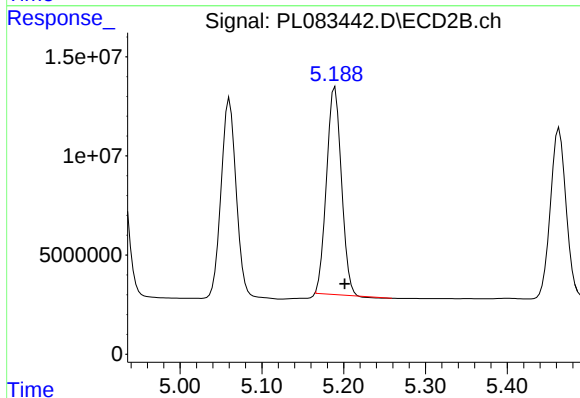
R.T.: 5.060 min  
Delta R.T.: -0.012 min  
Response: 123278013  
Conc: 50.76 ng/ml



#13 Dieldrin

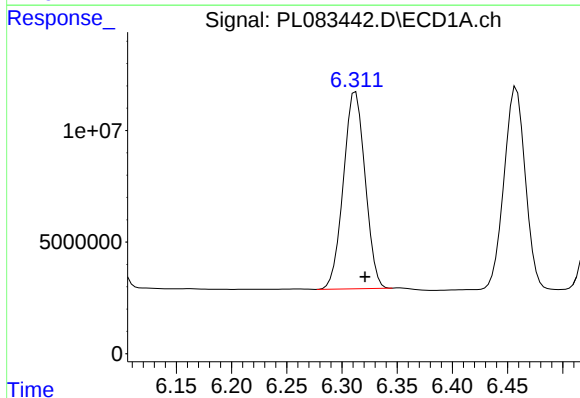
R.T.: 6.085 min  
Delta R.T.: -0.010 min  
Response: 149884592  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



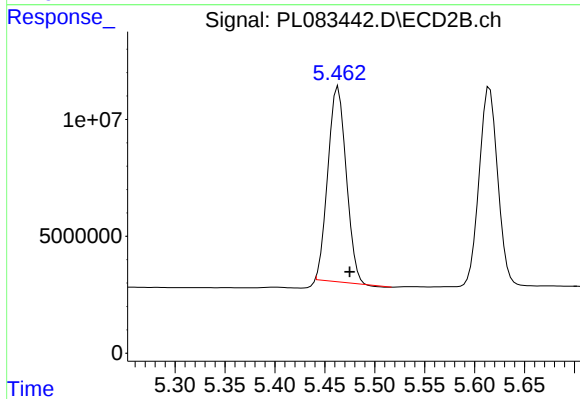
#13 Dieldrin

R.T.: 5.189 min  
Delta R.T.: -0.012 min  
Response: 131734687  
Conc: 46.67 ng/ml



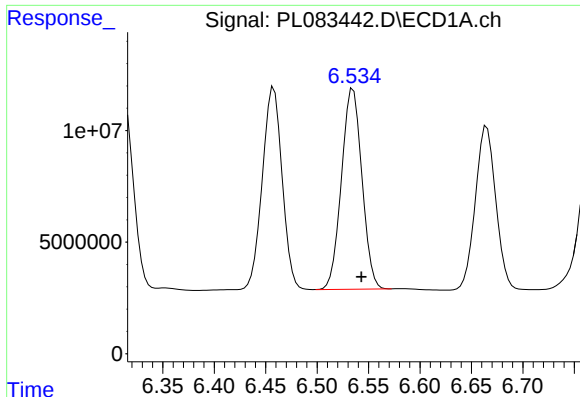
#14 Endrin

R.T.: 6.312 min  
Delta R.T.: -0.009 min  
Response: 120784580  
Conc: 44.95 ng/ml



#14 Endrin

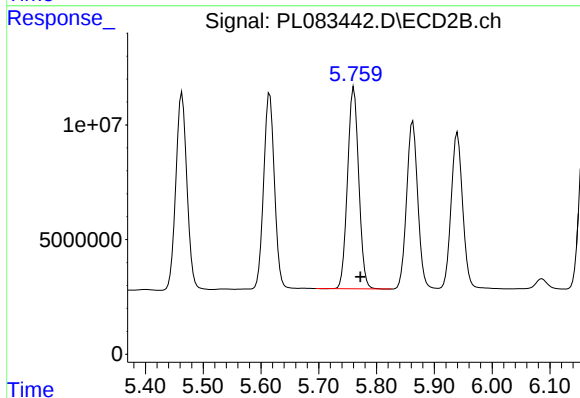
R.T.: 5.463 min  
Delta R.T.: -0.012 min  
Response: 106386919  
Conc: 41.93 ng/ml



#15 Endosulfan II

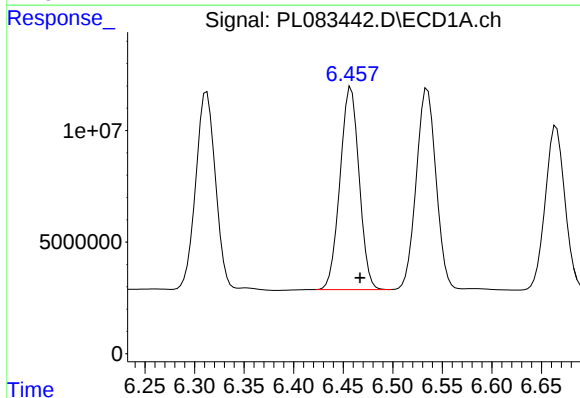
R.T.: 6.535 min  
Delta R.T.: -0.008 min  
Response: 124515641  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



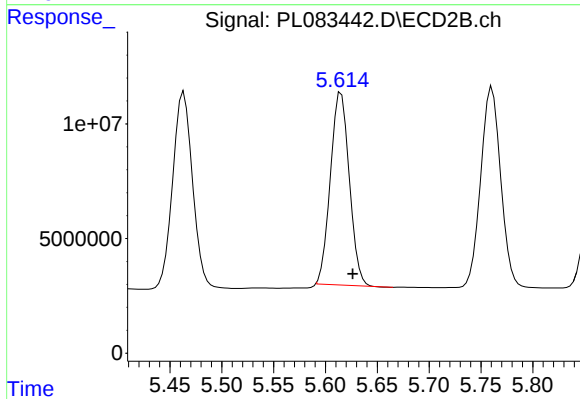
#15 Endosulfan II

R.T.: 5.761 min  
Delta R.T.: -0.011 min  
Response: 117700111  
Conc: 47.57 ng/ml



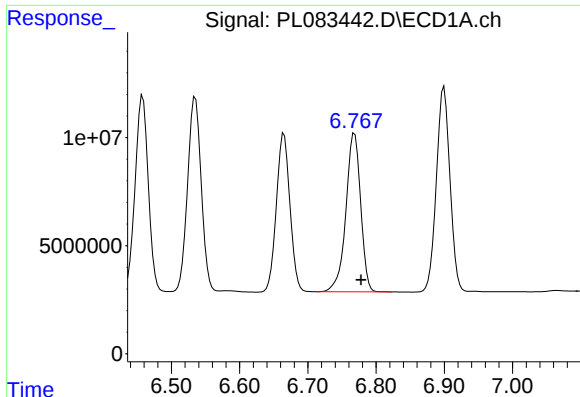
#16 4,4'-DDD

R.T.: 6.458 min  
Delta R.T.: -0.009 min  
Response: 121618242  
Conc: 55.97 ng/ml



#16 4,4'-DDD

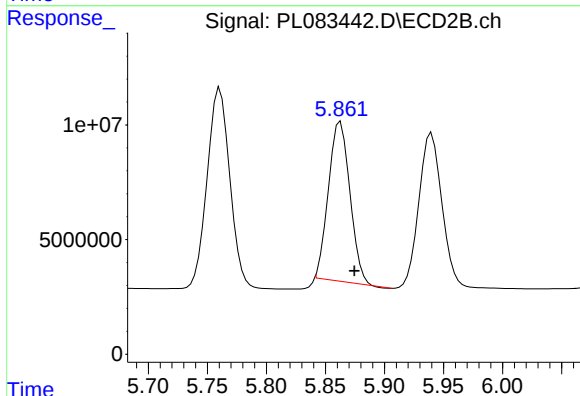
R.T.: 5.615 min  
Delta R.T.: -0.011 min  
Response: 106603212  
Conc: 55.43 ng/ml



#17 4,4'-DDT

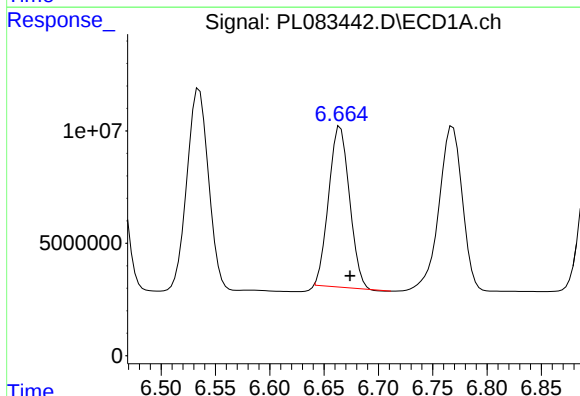
R.T.: 6.768 min  
Delta R.T.: -0.010 min  
Response: 110005102  
Conc: 43.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



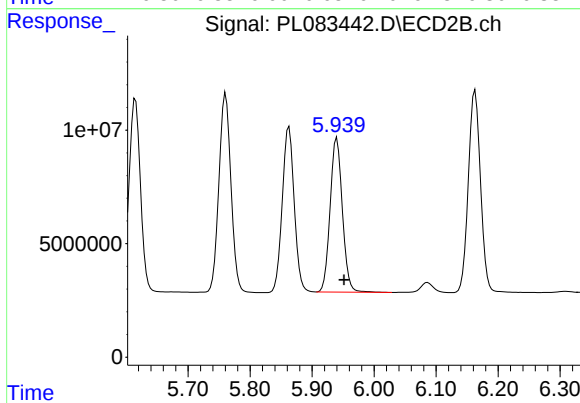
#17 4,4'-DDT

R.T.: 5.863 min  
Delta R.T.: -0.012 min  
Response: 87936072  
Conc: 39.42 ng/ml



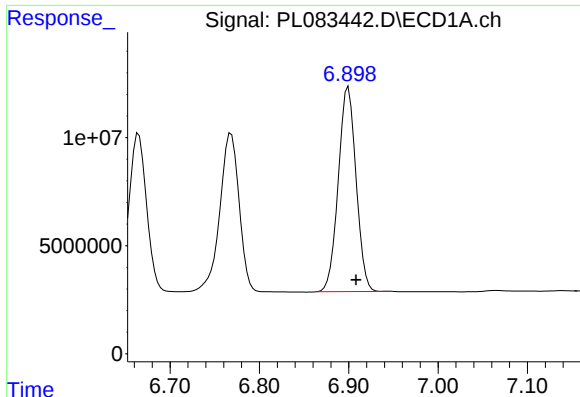
#18 Endrin aldehyde

R.T.: 6.665 min  
Delta R.T.: -0.009 min  
Response: 95152016  
Conc: 47.32 ng/ml



#18 Endrin aldehyde

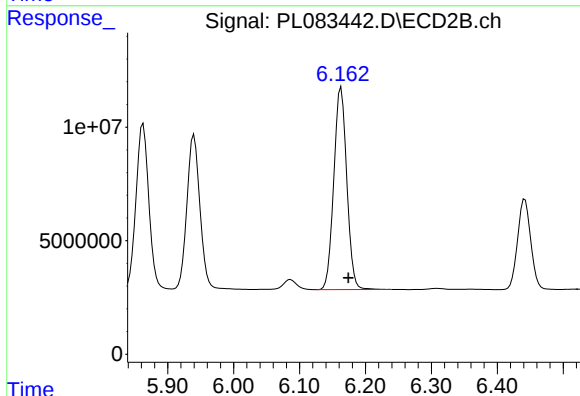
R.T.: 5.940 min  
Delta R.T.: -0.012 min  
Response: 93302756  
Conc: 47.18 ng/ml



#19 Endosulfan Sulfate

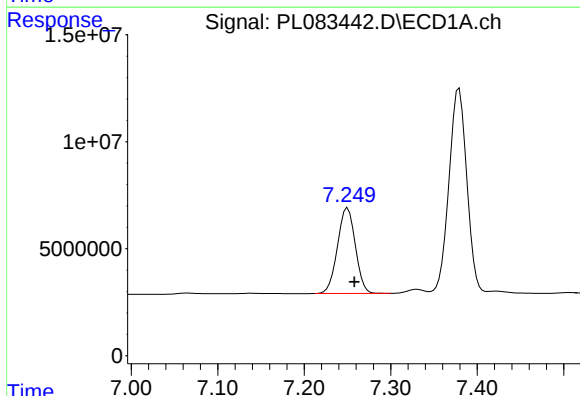
R.T.: 6.900 min  
Delta R.T.: -0.008 min  
Response: 131109183  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



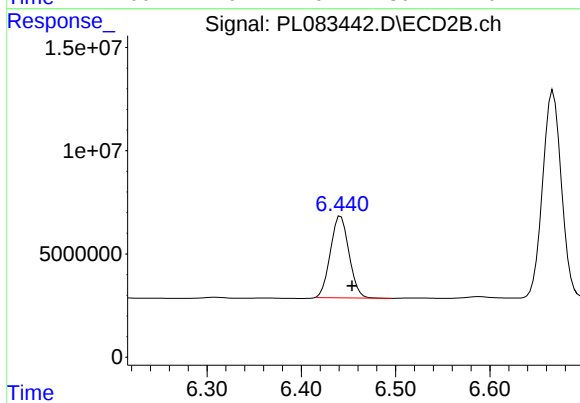
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: -0.011 min  
Response: 121763081  
Conc: 49.72 ng/ml



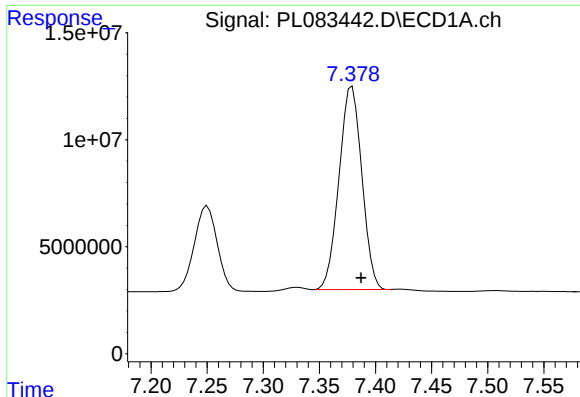
#20 Methoxychlor

R.T.: 7.250 min  
Delta R.T.: -0.008 min  
Response: 57130277  
Conc: 43.20 ng/ml



#20 Methoxychlor

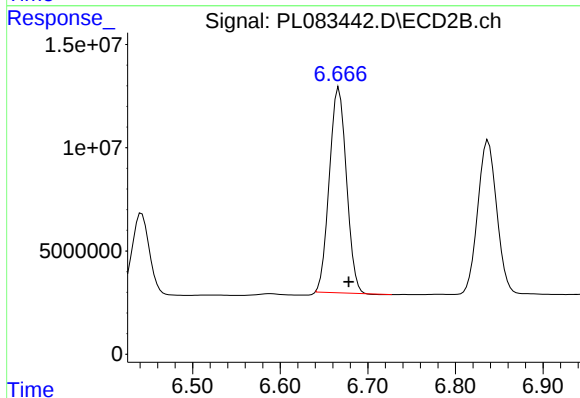
R.T.: 6.442 min  
Delta R.T.: -0.012 min  
Response: 54102064  
Conc: 42.54 ng/ml



#21 Endrin ketone

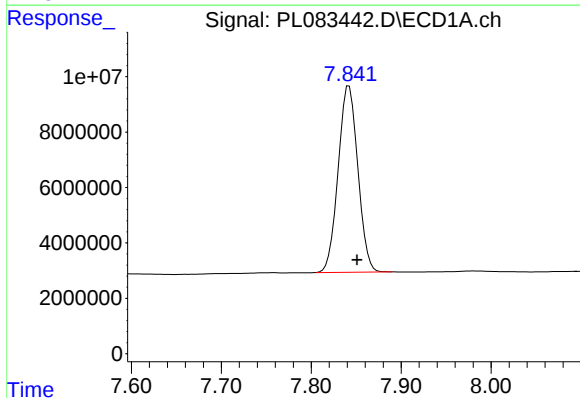
R.T.: 7.379 min  
Delta R.T.: -0.008 min  
Response: 134507827  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



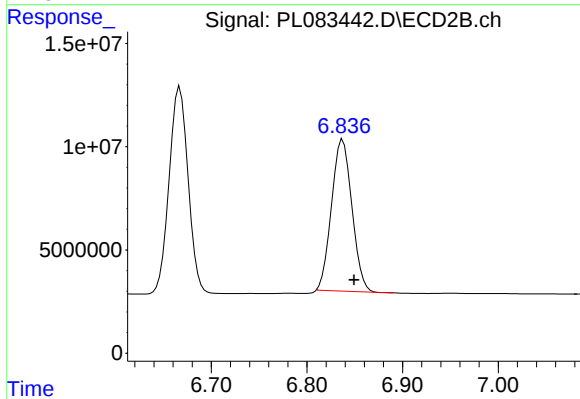
#21 Endrin ketone

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 134792301  
Conc: 49.85 ng/ml



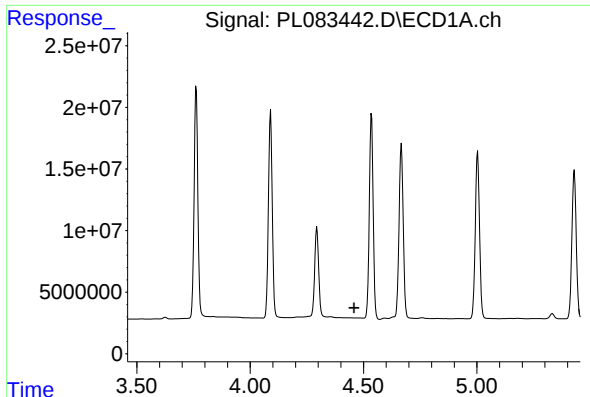
#22 Mirex

R.T.: 7.842 min  
Delta R.T.: -0.009 min  
Response: 102393255  
Conc: 48.85 ng/ml



#22 Mirex

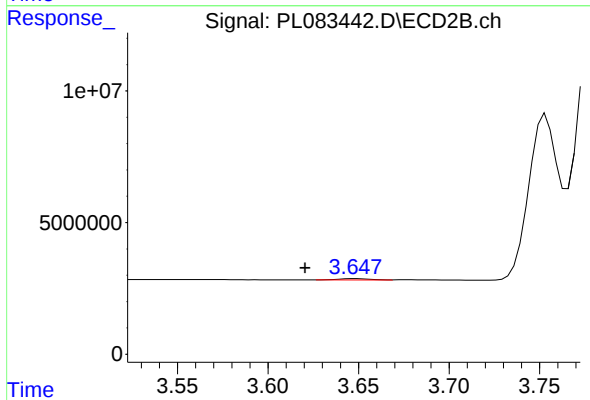
R.T.: 6.838 min  
Delta R.T.: -0.012 min  
Response: 108449155  
Conc: 46.35 ng/ml



#23 Chlordane-1

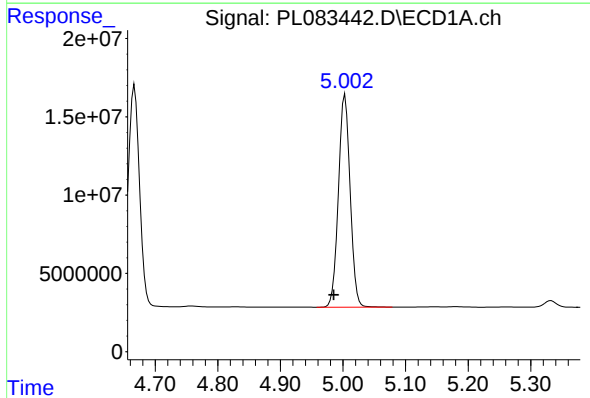
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



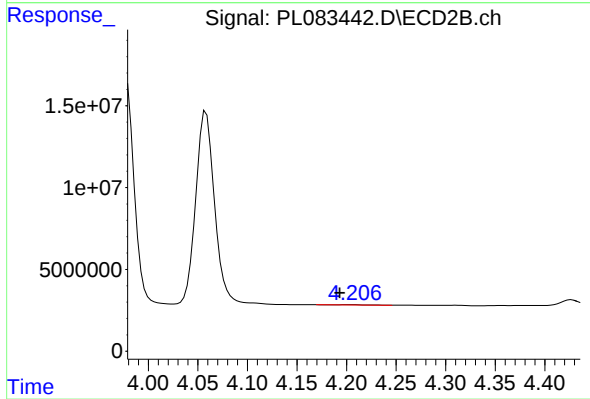
#23 Chlordane-1

R.T.: 3.648 min  
Delta R.T.: 0.028 min  
Response: 615945  
Conc: 7.46 ng/ml



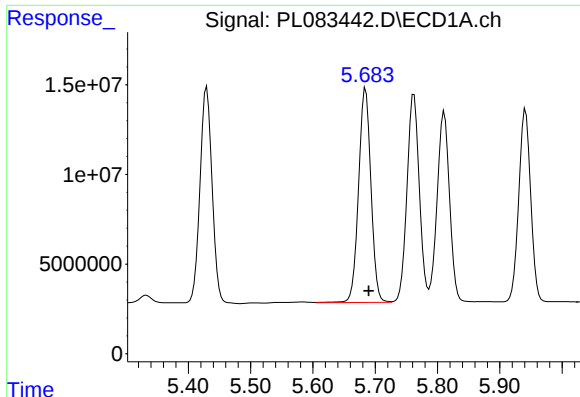
#24 Chlordane-2

R.T.: 5.003 min  
Delta R.T.: 0.018 min  
Response: 177360773  
Conc: 1610.06 ng/ml



#24 Chlordane-2

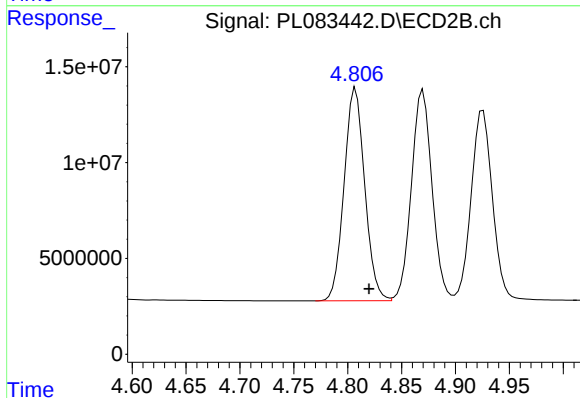
R.T.: 4.205 min  
Delta R.T.: 0.012 min  
Response: 354708  
Conc: 3.98 ng/ml



#25 Chlordane-3

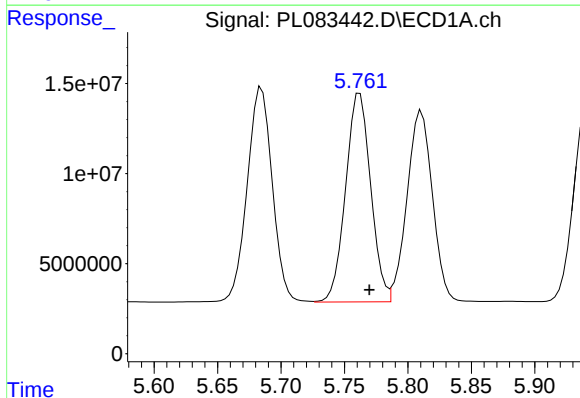
R.T.: 5.685 min  
Delta R.T.: -0.005 min  
Response: 165359971  
Conc: 398.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



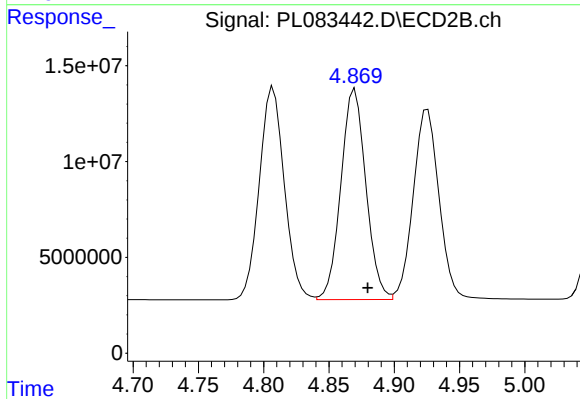
#25 Chlordane-3

R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 148040625  
Conc: 555.49 ng/ml



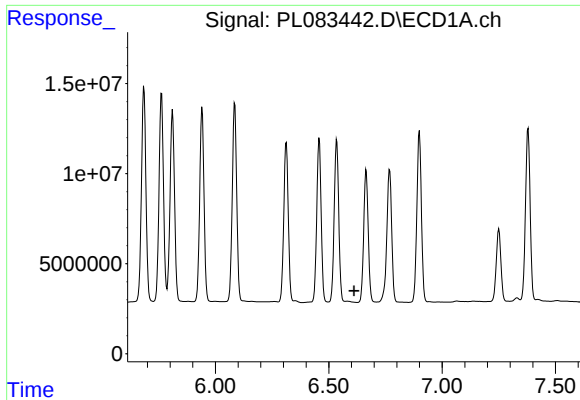
#26 Chlordane-4

R.T.: 5.762 min  
Delta R.T.: -0.008 min  
Response: 159060663  
Conc: 314.12 ng/ml



#26 Chlordane-4

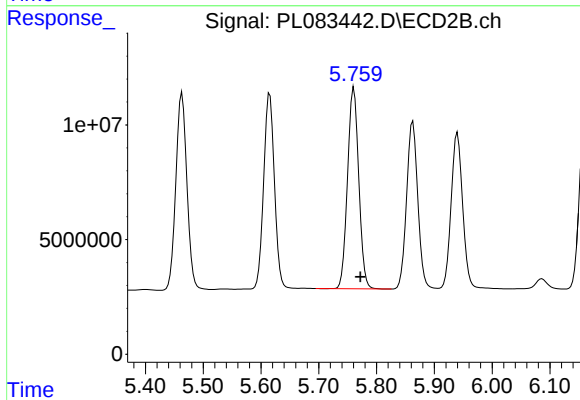
R.T.: 4.870 min  
Delta R.T.: -0.010 min  
Response: 146567929  
Conc: 520.20 ng/ml



#27 Chlordane-5

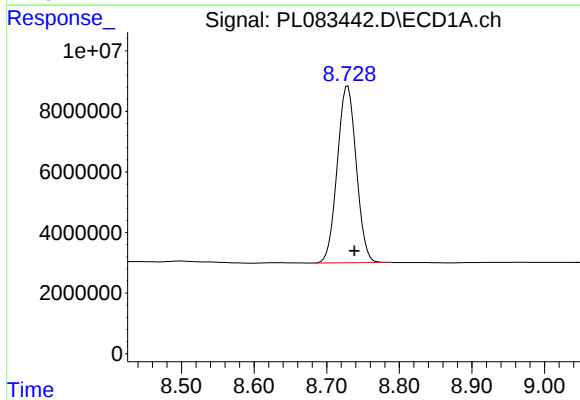
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



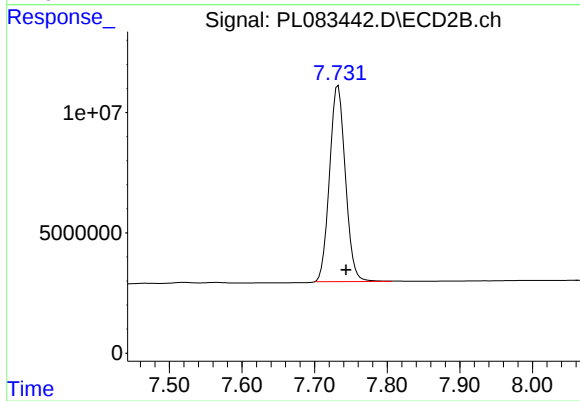
#27 Chlordane-5

R.T.: 5.761 min  
Delta R.T.: -0.011 min  
Response: 117700111  
Conc: 1211.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: -0.009 min  
Response: 106228952  
Conc: 50.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.733 min  
Delta R.T.: -0.011 min  
Response: 123427290  
Conc: 49.64 ng/ml