

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
 Data File : PL083432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2023 17:07  
 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 22:35:02 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... | 3.316  | 2.630  | 141.5E6  | 122.3E6  | 48.130   | 47.102     |
| 28)                         | SA Decachlor... | 8.733  | 7.734  | 104.5E6  | 120.0E6  | 49.810   | 48.275     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.765  | 3.125  | 218.1E6  | 177.1E6  | 49.137   | 47.467     |
| 3)                          | MA gamma-BHC... | 4.093  | 3.451  | 199.0E6  | 159.3E6  | 48.040   | 47.790     |
| 4)                          | MA Heptachlor   | 4.670  | 3.781  | 181.4E6  | 164.0E6  | 47.460   | 44.786     |
| 5)                          | MB Aldrin       | 5.007  | 4.058  | 176.7E6  | 157.7E6  | 50.239   | 48.456     |
| 6)                          | B beta-BHC      | 4.298  | 3.753  | 87339717 | 67956922 | 46.390   | 47.519     |
| 7)                          | B delta-BHC     | 4.539  | 3.977  | 195.8E6  | 163.2E6  | 56.942   | 49.820     |
| 8)                          | B Heptachlo...  | 5.433  | 4.558  | 159.8E6  | 137.3E6  | 49.966   | 46.274     |
| 9)                          | A Endosulfan I  | 5.814  | 4.925  | 149.0E6  | 134.9E6  | 49.666   | 48.266     |
| 10)                         | B gamma-Chl...  | 5.688  | 4.807  | 163.6E6  | 146.5E6  | 51.508   | 48.765     |
| 11)                         | B alpha-Chl...  | 5.765  | 4.870  | 160.0E6  | 144.7E6  | 49.868   | 48.194     |
| 12)                         | B 4,4'-DDE      | 5.944  | 5.061  | 143.4E6  | 117.5E6  | 52.016   | 48.391     |
| 13)                         | MA Dieldrin     | 6.089  | 5.190  | 152.0E6  | 123.7E6  | 50.543   | 43.829     |
| 14)                         | MA Endrin       | 6.315  | 5.464  | 122.7E6  | 108.4E6  | 45.674   | 42.741     |
| 15)                         | B Endosulfa...  | 6.539  | 5.761  | 123.2E6  | 114.8E6  | 46.264   | 46.414     |
| 16)                         | A 4,4'-DDD      | 6.461  | 5.615  | 120.6E6  | 104.2E6  | 55.503   | 54.188     |
| 17)                         | MA 4,4'-DDT     | 6.772  | 5.863  | 108.8E6  | 90618508 | 43.477   | 40.617     |
| 18)                         | B Endrin al...  | 6.669  | 5.940  | 97885923 | 90637596 | 48.684   | 45.835     |
| 19)                         | B Endosulfa...  | 6.903  | 6.164  | 128.1E6  | 118.9E6  | 49.947   | 48.563     |
| 20)                         | A Methoxychlor  | 7.254  | 6.442  | 56534463 | 52062594 | 42.752   | 40.938     |
| 21)                         | B Endrin ke...  | 7.383  | 6.667  | 131.9E6  | 128.6E6  | 51.719   | 47.576     |
| 22)                         | Mirex           | 7.847  | 6.838  | 101.7E6  | 103.6E6  | 48.521   | 44.298     |
| 23)                         | Chlordane-1     | 0.000  | 3.648f | 0        | 713382   | N.D.     | 8.646 #    |
| 24)                         | Chlordane-2     | 5.007f | 4.202  | 176.7E6  | 280799   | 1604.479 | 3.154 #    |
| 25)                         | Chlordane-3     | 5.688  | 4.807  | 163.6E6  | 146.5E6  | 394.406  | 549.557 #  |
| 26)                         | Chlordane-4     | 5.765  | 4.870  | 160.0E6  | 144.7E6  | 316.056  | 513.490 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.761  | 0        | 114.8E6  | N.D.     | 1182.093 # |
| -----                       |                 |        |        |          |          |          |            |

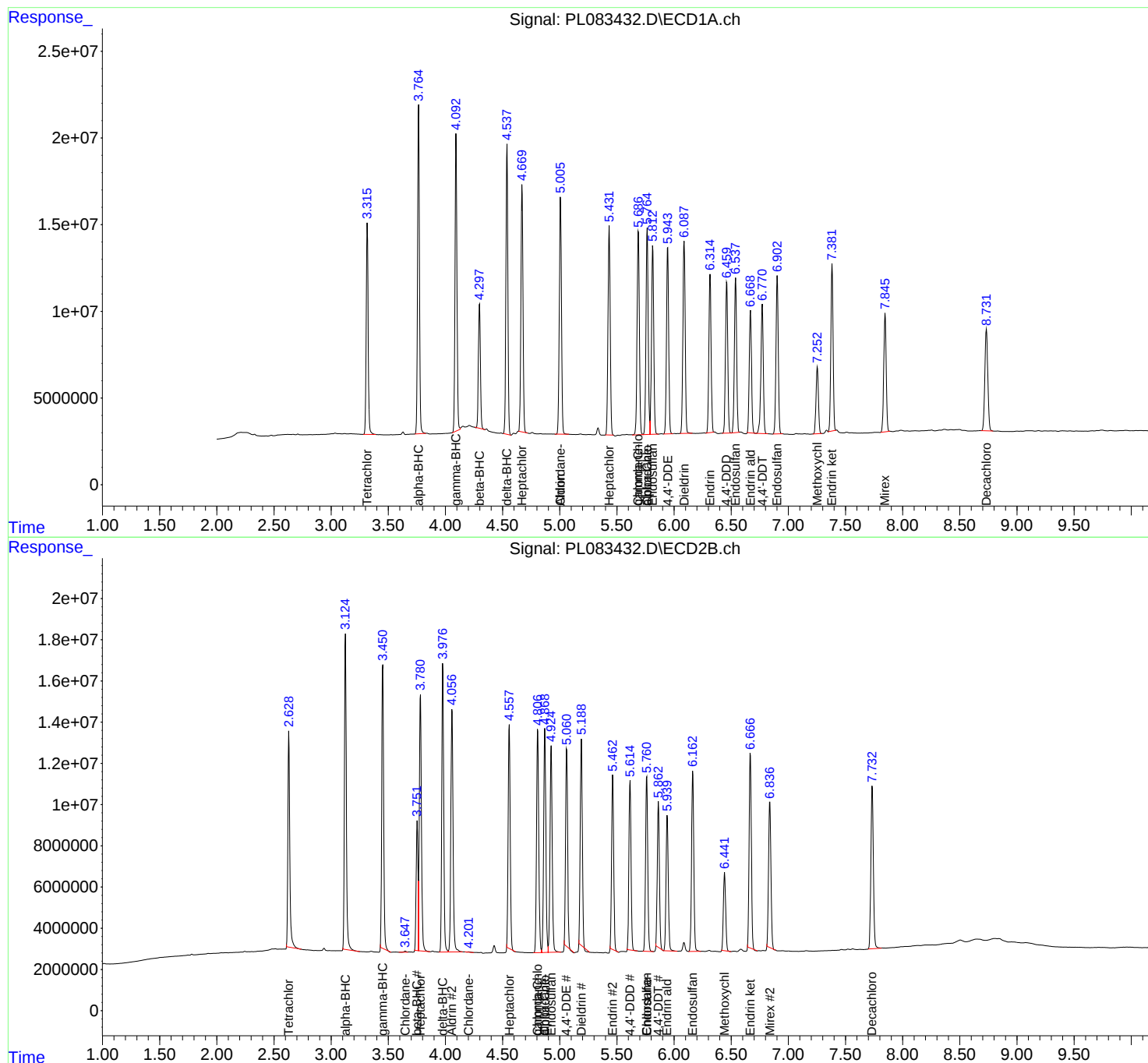
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

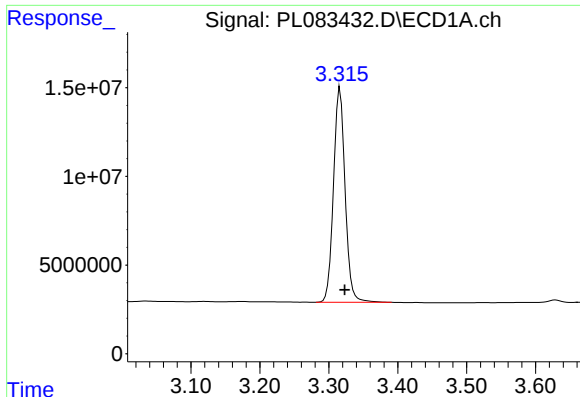
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061423\  
Data File : PL083432.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2023 17:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 22:35:02 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

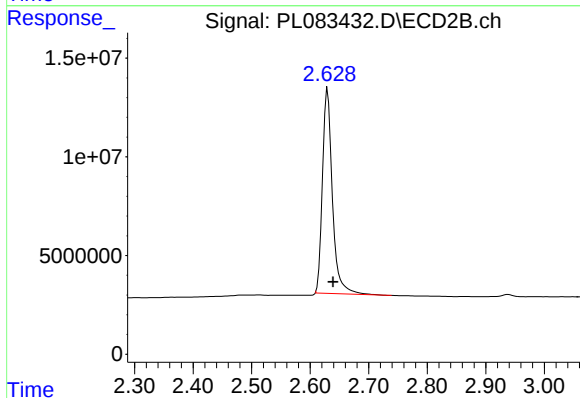




#1 Tetrachloro-m-xylene

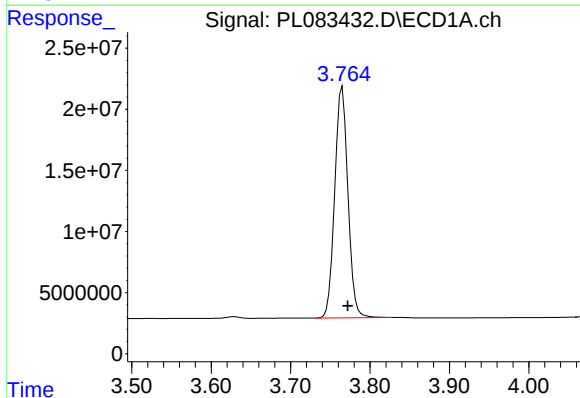
R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 141455837  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



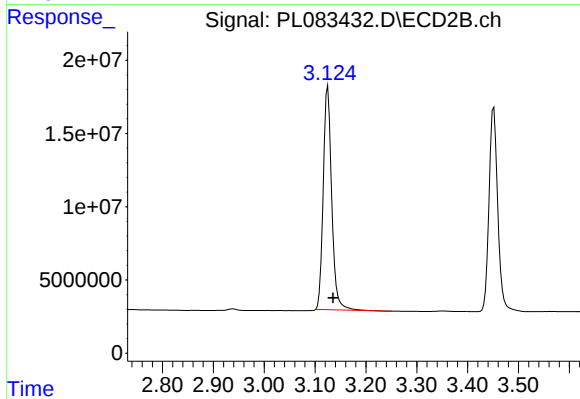
#1 Tetrachloro-m-xylene

R.T.: 2.630 min  
Delta R.T.: -0.009 min  
Response: 122280306  
Conc: 47.10 ng/ml



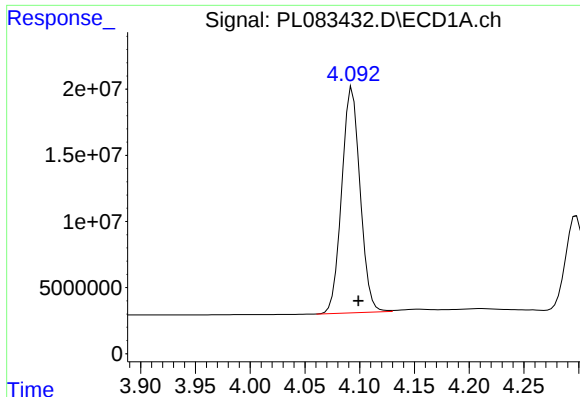
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.007 min  
Response: 218132284  
Conc: 49.14 ng/ml



#2 alpha-BHC

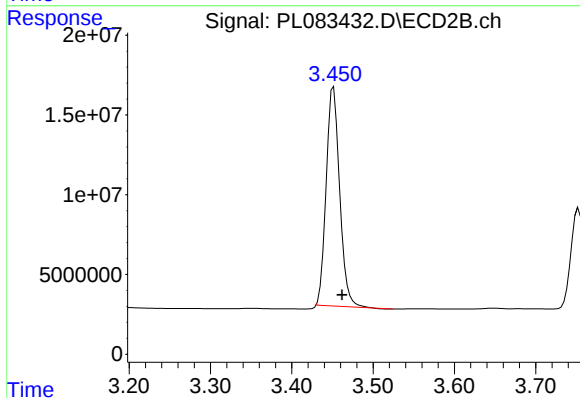
R.T.: 3.125 min  
Delta R.T.: -0.010 min  
Response: 177119962  
Conc: 47.47 ng/ml



#3 gamma-BHC (Lindane)

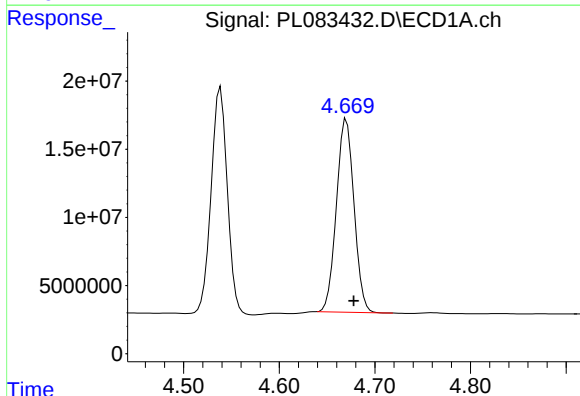
R.T.: 4.093 min  
Delta R.T.: -0.006 min  
Response: 199025197  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



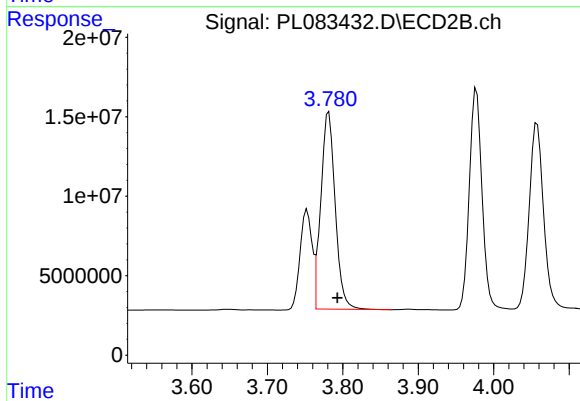
#3 gamma-BHC (Lindane)

R.T.: 3.451 min  
Delta R.T.: -0.010 min  
Response: 159298000  
Conc: 47.79 ng/ml



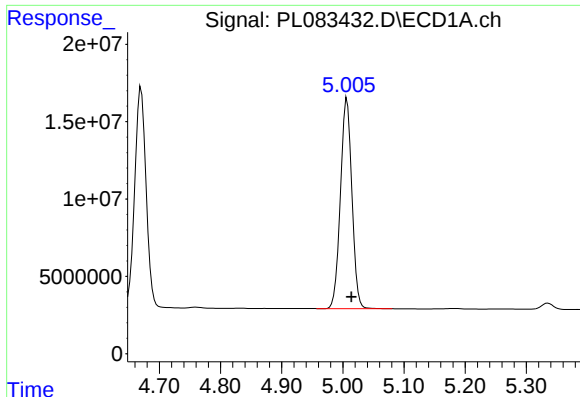
#4 Heptachlor

R.T.: 4.670 min  
Delta R.T.: -0.008 min  
Response: 181415976  
Conc: 47.46 ng/ml



#4 Heptachlor

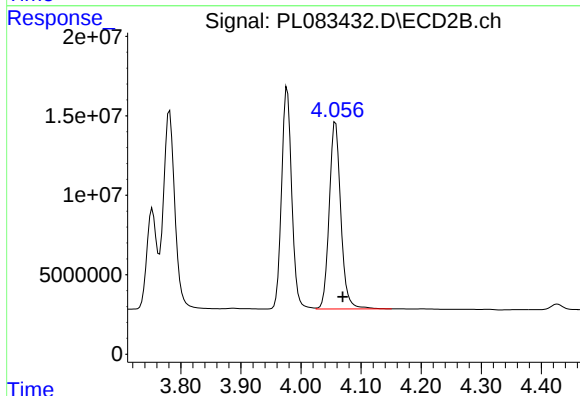
R.T.: 3.781 min  
Delta R.T.: -0.012 min  
Response: 163964559  
Conc: 44.79 ng/ml



#5 Aldrin

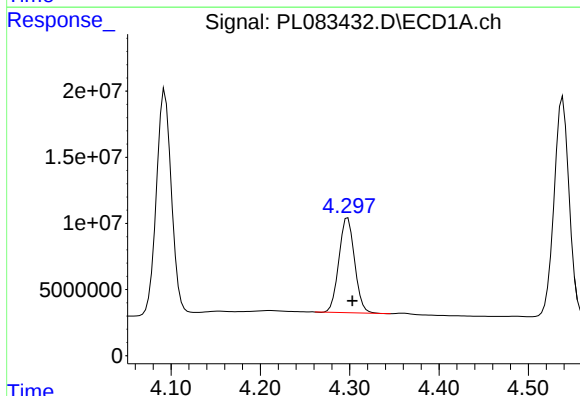
R.T.: 5.007 min  
Delta R.T.: -0.007 min  
Response: 176746366  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



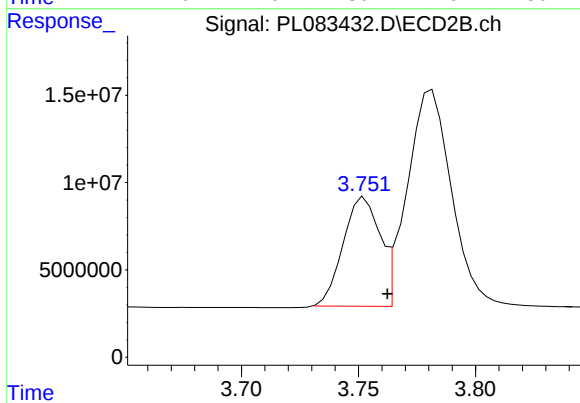
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: -0.012 min  
Response: 157657568  
Conc: 48.46 ng/ml



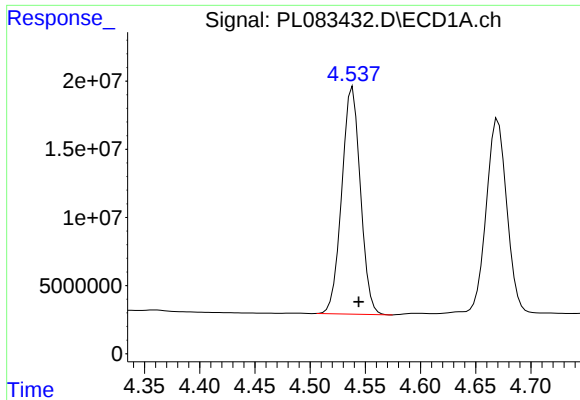
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: -0.005 min  
Response: 87339717  
Conc: 46.39 ng/ml



#6 beta-BHC

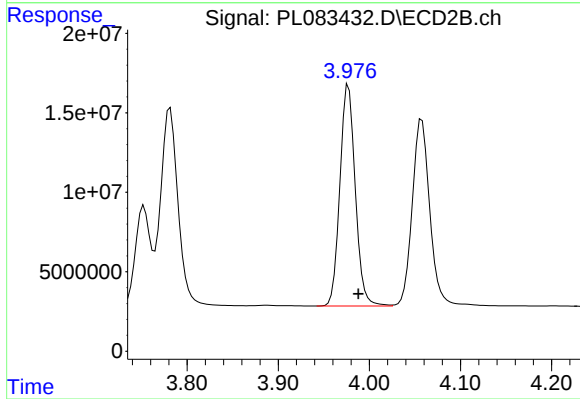
R.T.: 3.753 min  
Delta R.T.: -0.010 min  
Response: 67956922  
Conc: 47.52 ng/ml



#7 delta-BHC

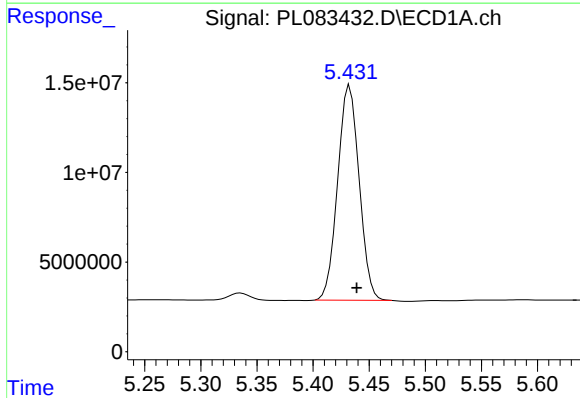
R.T.: 4.539 min  
Delta R.T.: -0.005 min  
Response: 195818188  
Conc: 56.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



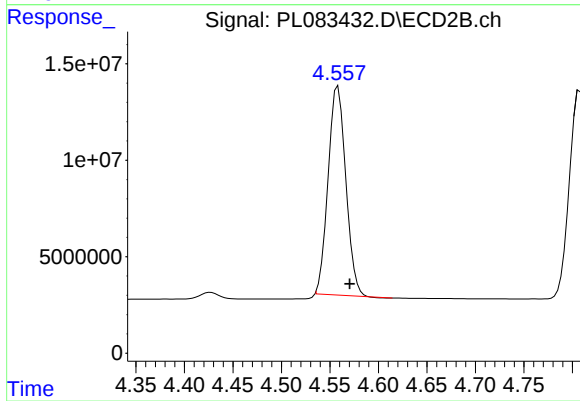
#7 delta-BHC

R.T.: 3.977 min  
Delta R.T.: -0.011 min  
Response: 163233817  
Conc: 49.82 ng/ml



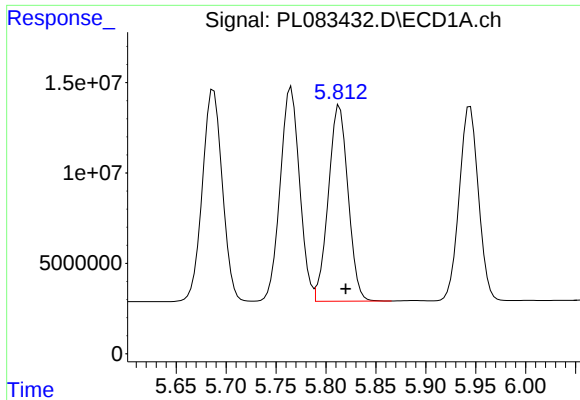
#8 Heptachlor epoxide

R.T.: 5.433 min  
Delta R.T.: -0.006 min  
Response: 159828566  
Conc: 49.97 ng/ml



#8 Heptachlor epoxide

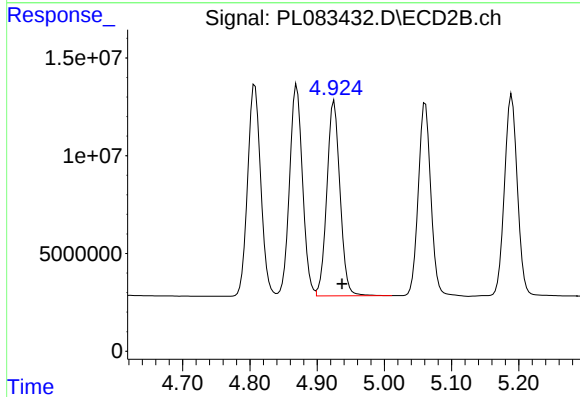
R.T.: 4.558 min  
Delta R.T.: -0.012 min  
Response: 137335232  
Conc: 46.27 ng/ml



#9 Endosulfan I

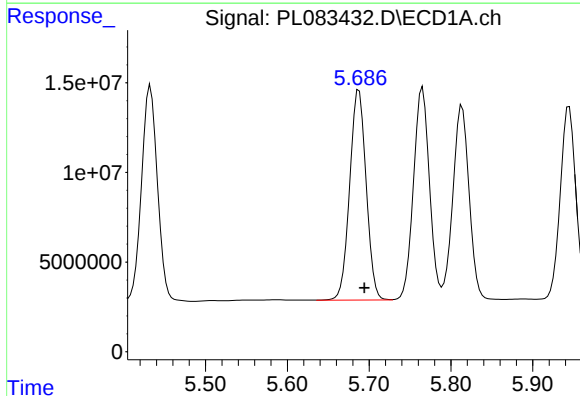
R.T.: 5.814 min  
Delta R.T.: -0.006 min  
Response: 149025624  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



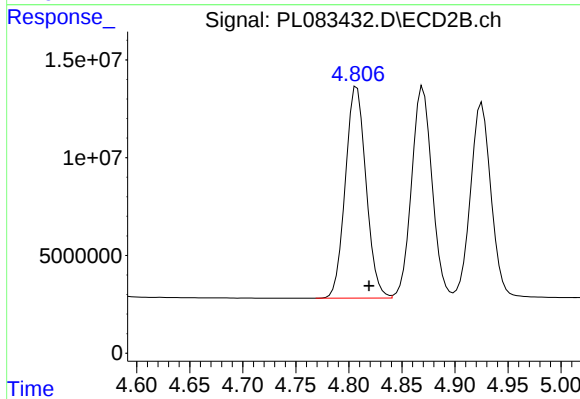
#9 Endosulfan I

R.T.: 4.925 min  
Delta R.T.: -0.012 min  
Response: 134872408  
Conc: 48.27 ng/ml



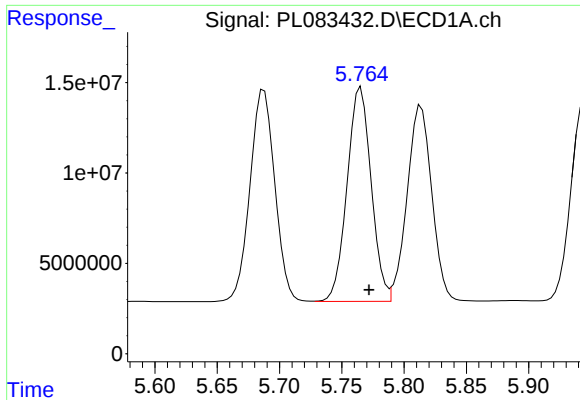
#10 gamma-Chlordane

R.T.: 5.688 min  
Delta R.T.: -0.006 min  
Response: 163640466  
Conc: 51.51 ng/ml



#10 gamma-Chlordane

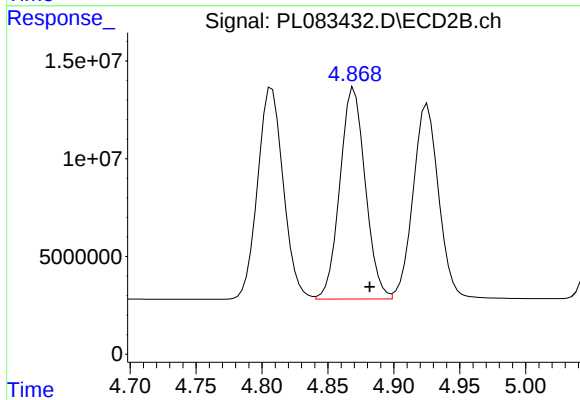
R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 146459368  
Conc: 48.76 ng/ml



#11 alpha-Chlordane

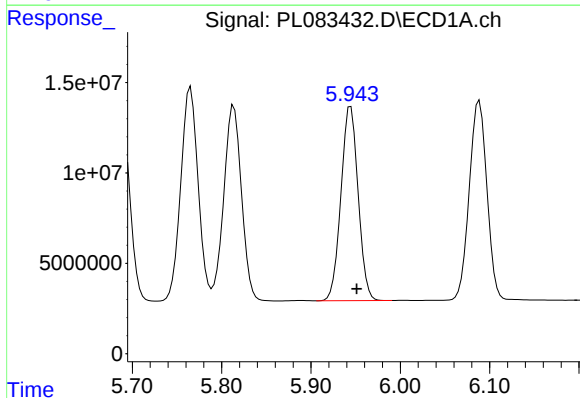
R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 160043296  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



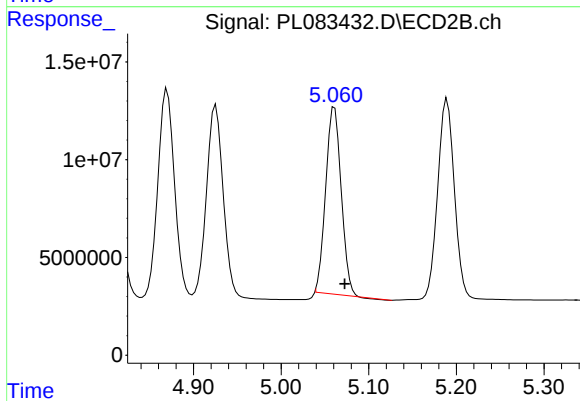
#11 alpha-Chlordane

R.T.: 4.870 min  
Delta R.T.: -0.012 min  
Response: 144676433  
Conc: 48.19 ng/ml



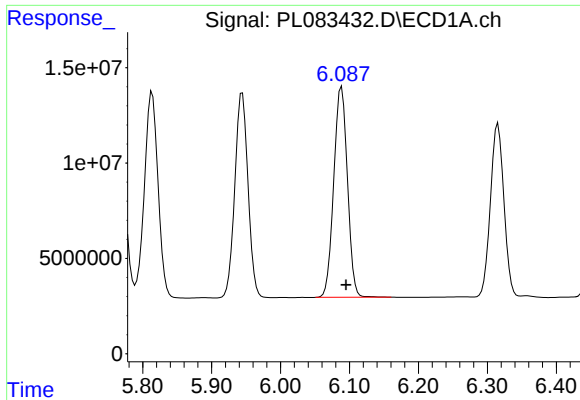
#12 4,4'-DDE

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 143383613  
Conc: 52.02 ng/ml



#12 4,4'-DDE

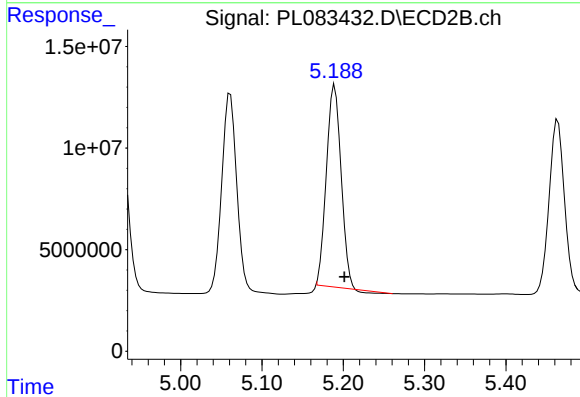
R.T.: 5.061 min  
Delta R.T.: -0.012 min  
Response: 117530563  
Conc: 48.39 ng/ml



#13 Dieldrin

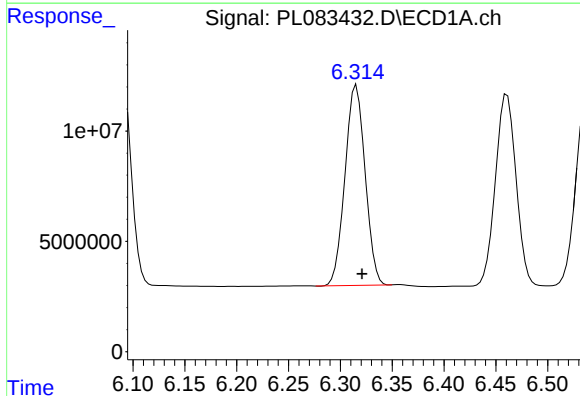
R.T.: 6.089 min  
Delta R.T.: -0.006 min  
Response: 152025858  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



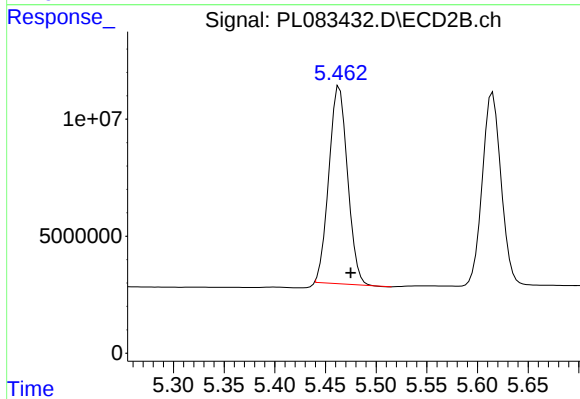
#13 Dieldrin

R.T.: 5.190 min  
Delta R.T.: -0.012 min  
Response: 123726630  
Conc: 43.83 ng/ml



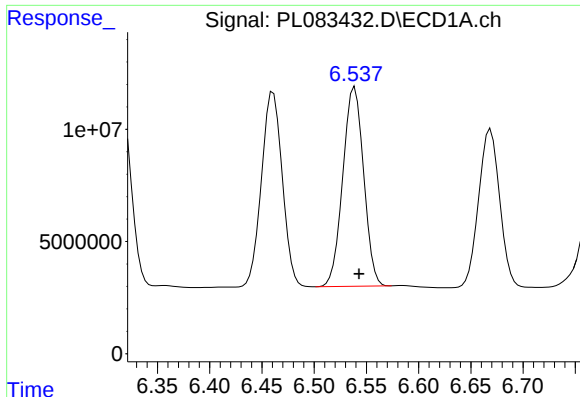
#14 Endrin

R.T.: 6.315 min  
Delta R.T.: -0.006 min  
Response: 122737824  
Conc: 45.67 ng/ml



#14 Endrin

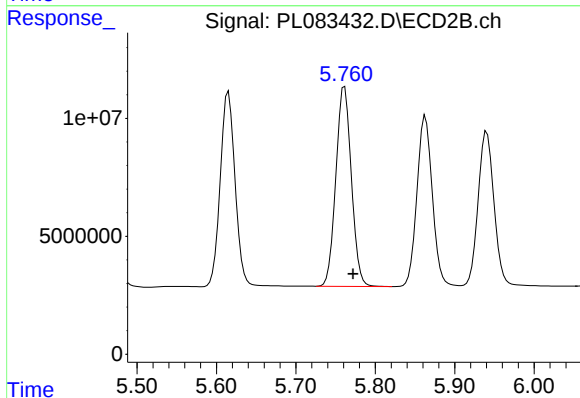
R.T.: 5.464 min  
Delta R.T.: -0.011 min  
Response: 108432469  
Conc: 42.74 ng/ml



#15 Endosulfan II

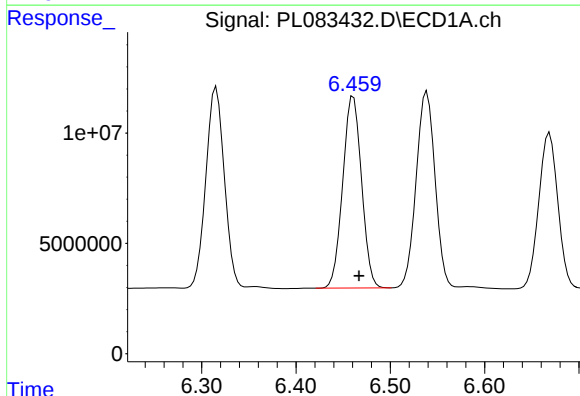
R.T.: 6.539 min  
Delta R.T.: -0.004 min  
Response: 123182311  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



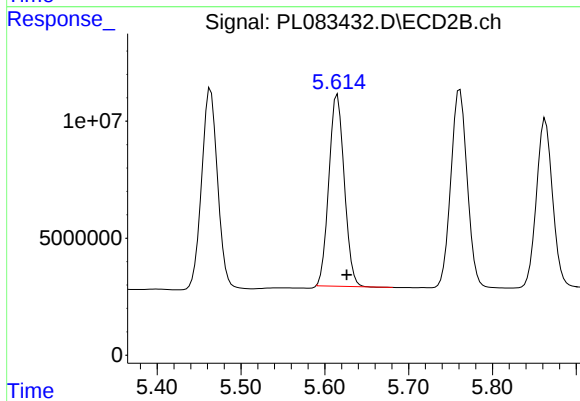
#15 Endosulfan II

R.T.: 5.761 min  
Delta R.T.: -0.011 min  
Response: 114835937  
Conc: 46.41 ng/ml



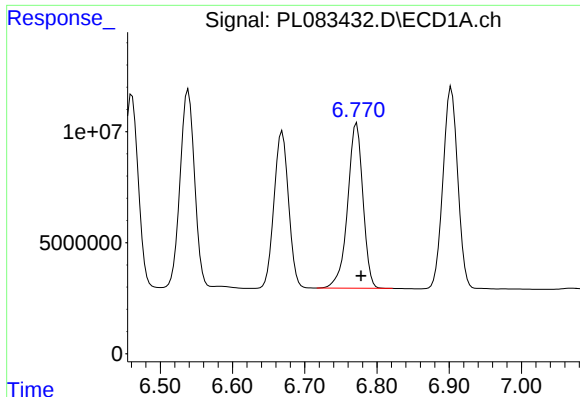
#16 4,4'-DDD

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 120611966  
Conc: 55.50 ng/ml



#16 4,4'-DDD

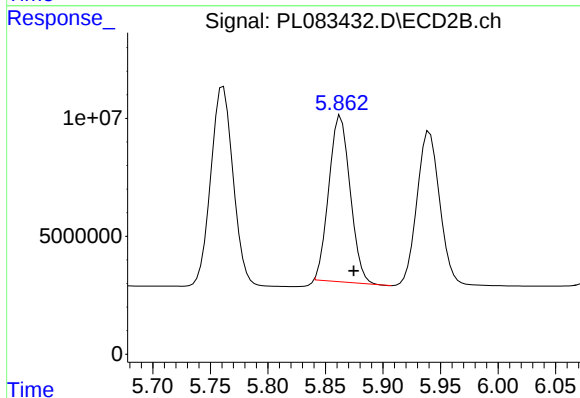
R.T.: 5.615 min  
Delta R.T.: -0.011 min  
Response: 104215519  
Conc: 54.19 ng/ml



#17 4,4'-DDT

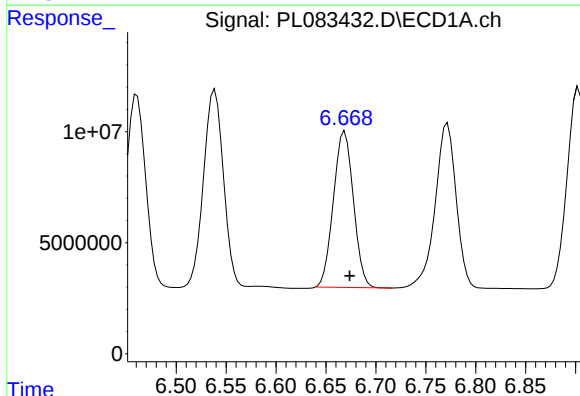
R.T.: 6.772 min  
Delta R.T.: -0.006 min  
Response: 108829393  
Conc: 43.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



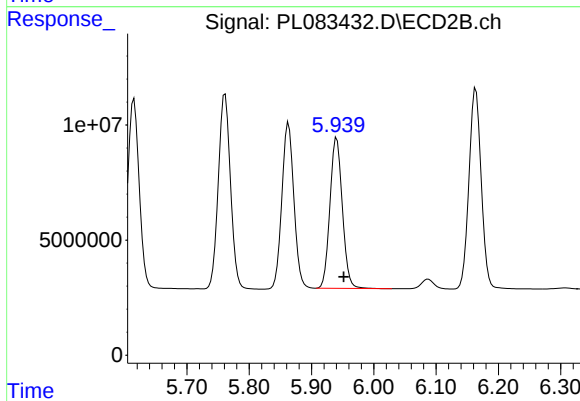
#17 4,4'-DDT

R.T.: 5.863 min  
Delta R.T.: -0.011 min  
Response: 90618508  
Conc: 40.62 ng/ml



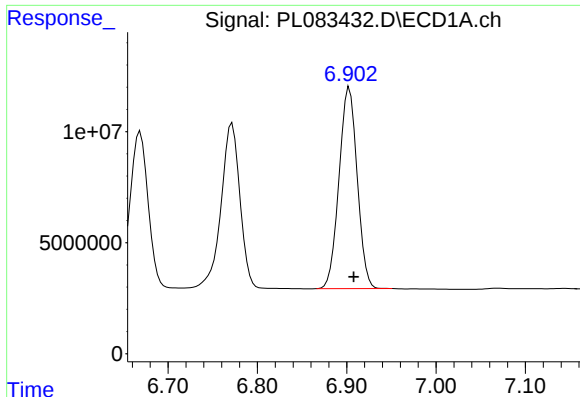
#18 Endrin aldehyde

R.T.: 6.669 min  
Delta R.T.: -0.005 min  
Response: 97885923  
Conc: 48.68 ng/ml



#18 Endrin aldehyde

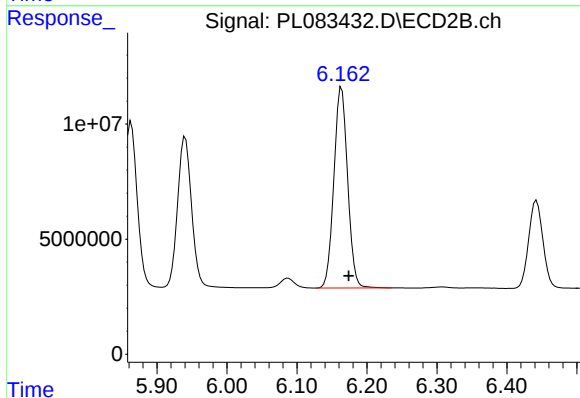
R.T.: 5.940 min  
Delta R.T.: -0.011 min  
Response: 90637596  
Conc: 45.84 ng/ml



#19 Endosulfan Sulfate

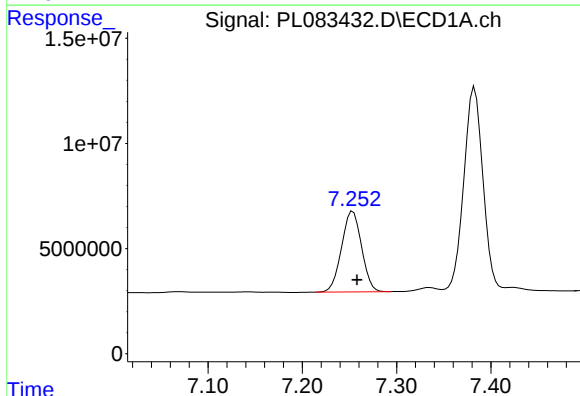
R.T.: 6.903 min  
Delta R.T.: -0.005 min  
Response: 128050404  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



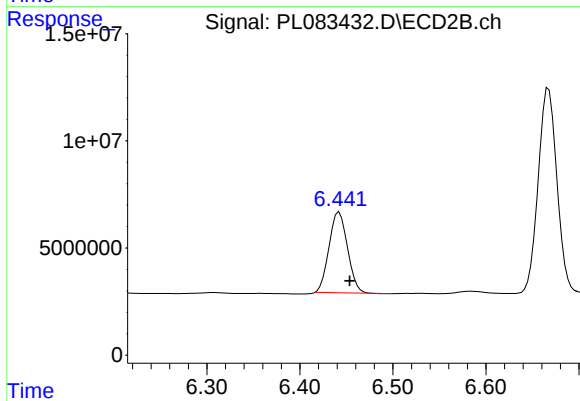
#19 Endosulfan Sulfate

R.T.: 6.164 min  
Delta R.T.: -0.010 min  
Response: 118929463  
Conc: 48.56 ng/ml



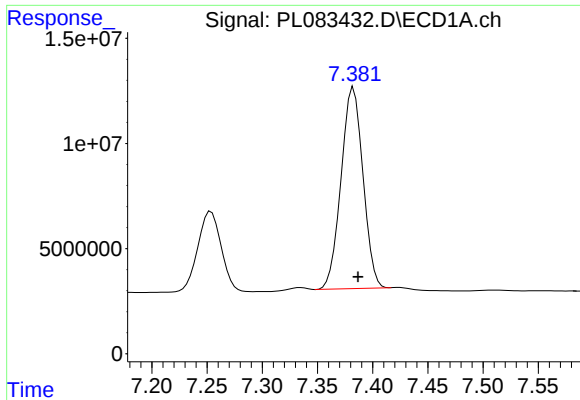
#20 Methoxychlor

R.T.: 7.254 min  
Delta R.T.: -0.004 min  
Response: 56534463  
Conc: 42.75 ng/ml



#20 Methoxychlor

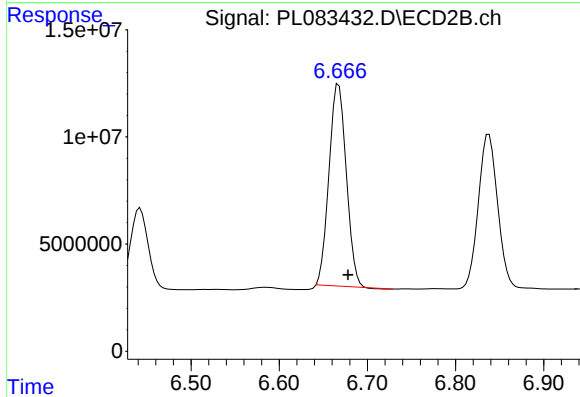
R.T.: 6.442 min  
Delta R.T.: -0.011 min  
Response: 52062594  
Conc: 40.94 ng/ml



#21 Endrin ketone

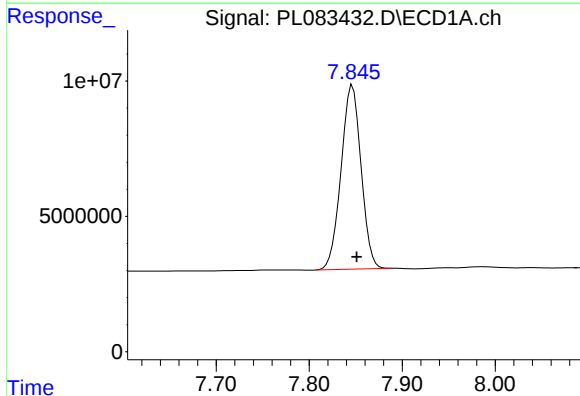
R.T.: 7.383 min  
Delta R.T.: -0.004 min  
Response: 131925229  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



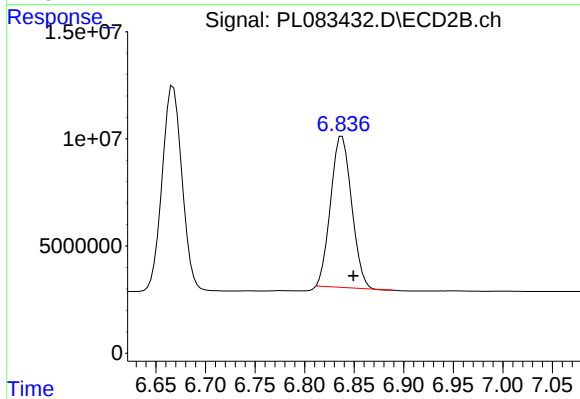
#21 Endrin ketone

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 128638967  
Conc: 47.58 ng/ml



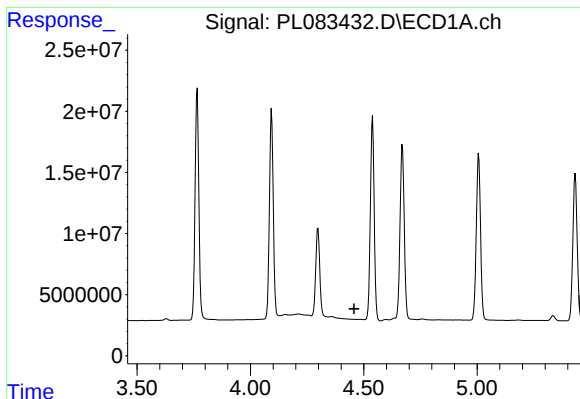
#22 Mirex

R.T.: 7.847 min  
Delta R.T.: -0.004 min  
Response: 101701908  
Conc: 48.52 ng/ml



#22 Mirex

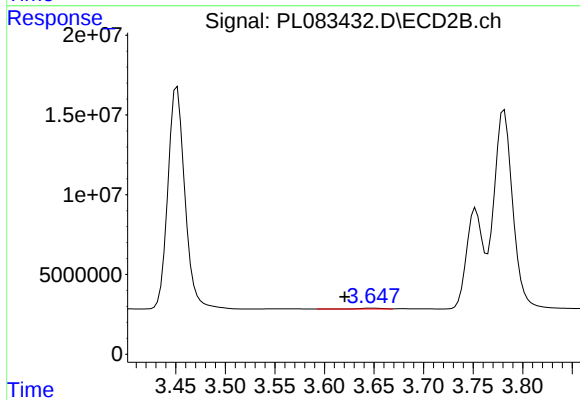
R.T.: 6.838 min  
Delta R.T.: -0.012 min  
Response: 103649928  
Conc: 44.30 ng/ml



#23 Chlordane-1

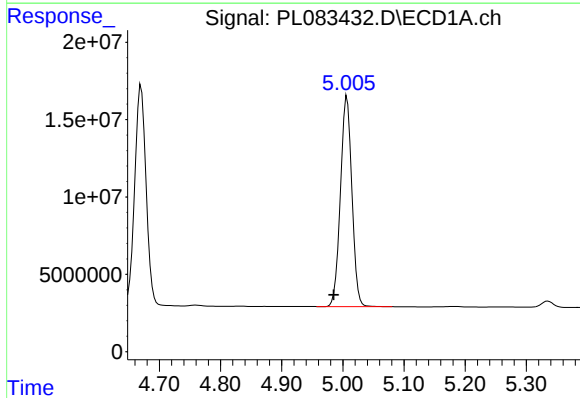
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



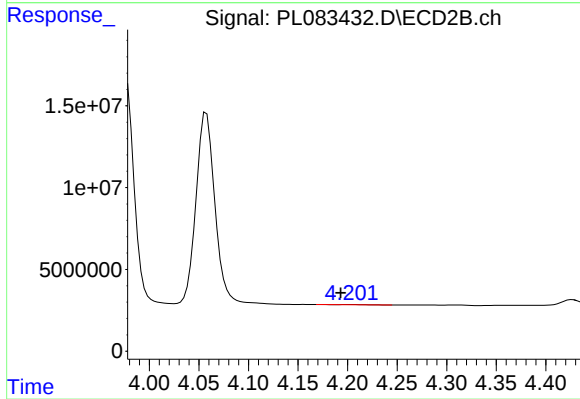
#23 Chlordane-1

R.T.: 3.648 min  
Delta R.T.: 0.028 min  
Response: 713382  
Conc: 8.65 ng/ml



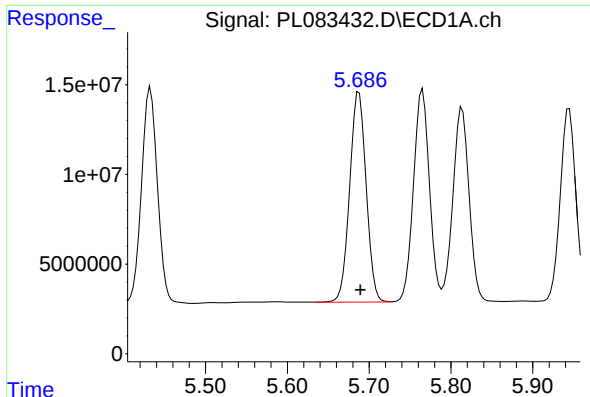
#24 Chlordane-2

R.T.: 5.007 min  
Delta R.T.: 0.021 min  
Response: 176746366  
Conc: 1604.48 ng/ml



#24 Chlordane-2

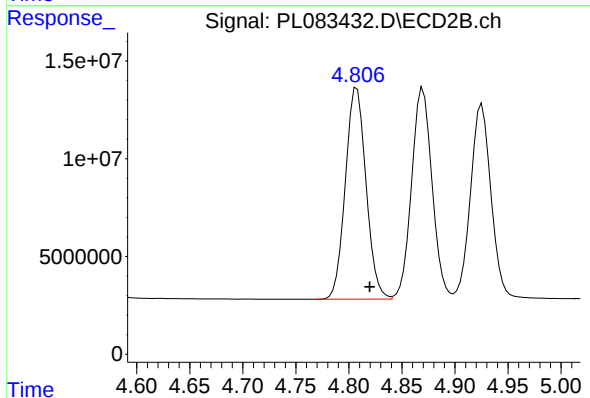
R.T.: 4.202 min  
Delta R.T.: 0.009 min  
Response: 280799  
Conc: 3.15 ng/ml



#25 Chlordane-3

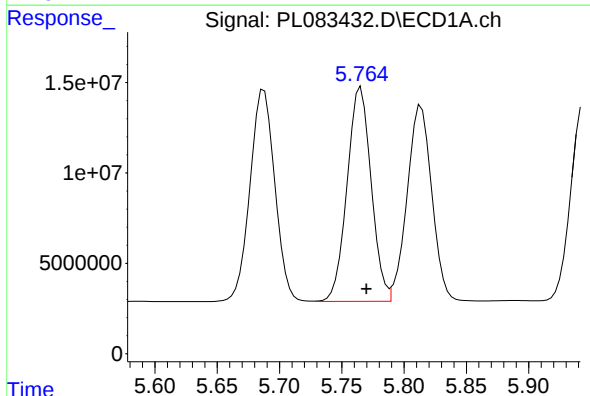
R.T.: 5.688 min  
Delta R.T.: -0.002 min  
Response: 163640466  
Conc: 394.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



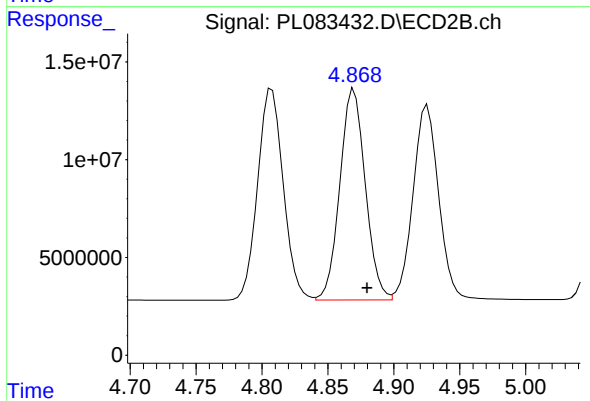
#25 Chlordane-3

R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 146459368  
Conc: 549.56 ng/ml



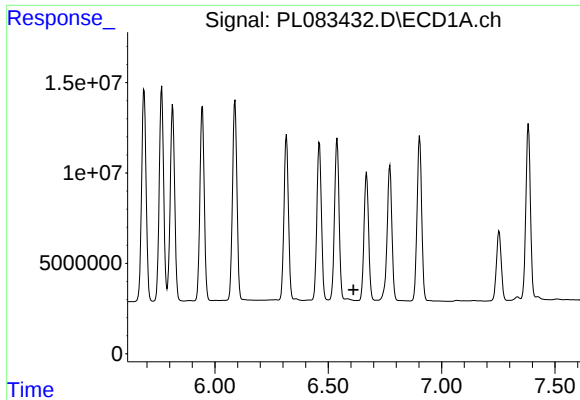
#26 Chlordane-4

R.T.: 5.765 min  
Delta R.T.: -0.004 min  
Response: 160043296  
Conc: 316.06 ng/ml



#26 Chlordane-4

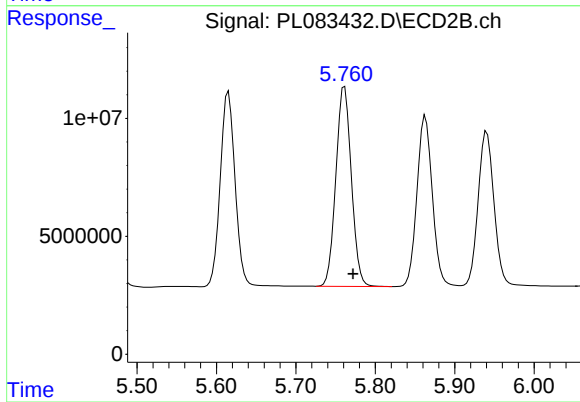
R.T.: 4.870 min  
Delta R.T.: -0.010 min  
Response: 144676433  
Conc: 513.49 ng/ml



#27 Chlordane-5

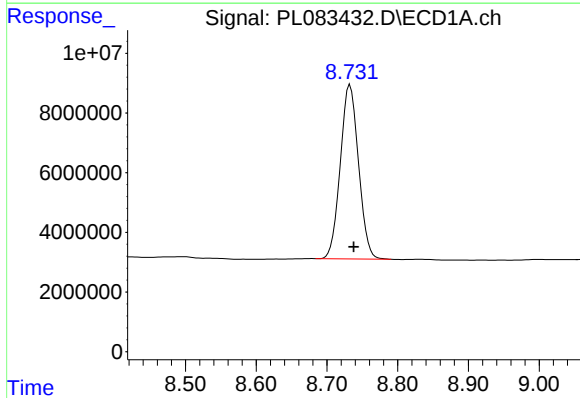
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



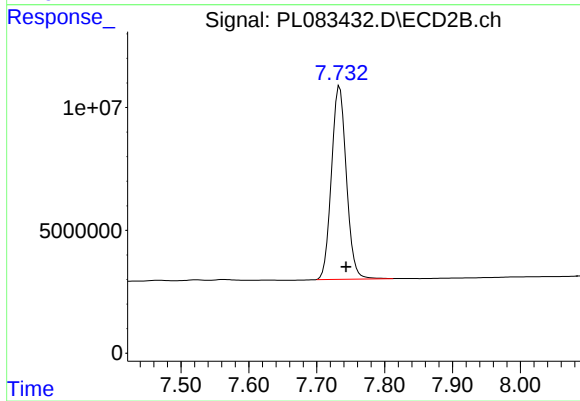
#27 Chlordane-5

R.T.: 5.761 min  
Delta R.T.: -0.011 min  
Response: 114835937  
Conc: 1182.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: -0.005 min  
Response: 104468612  
Conc: 49.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.734 min  
Delta R.T.: -0.010 min  
Response: 120038448  
Conc: 48.28 ng/ml