

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041723\  
 Data File : PL082150.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2023 21:26  
 Operator : AR\AJ  
 Sample : PB152113BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 04:54:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.324  | 2.650 | 41899508 | 36965714 | 18.014  | 18.518    |
| 28)                         | SA Decachlor... | 8.747  | 7.766 | 33730616 | 35078424 | 18.848  | 17.687    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.773  | 3.148 | 34709881 | 28516633 | 10.124  | 9.783     |
| 3)                          | MA gamma-BHC... | 4.101  | 3.475 | 33035820 | 30523533 | 10.399  | 10.963    |
| 4)                          | MA Heptachlor   | 4.680  | 3.808 | 27962577 | 31014734 | 8.871   | 10.818    |
| 5)                          | MB Aldrin       | 5.017  | 4.085 | 32154263 | 29452780 | 11.242  | 11.054    |
| 6)                          | B beta-BHC      | 4.305  | 3.775 | 17713261 | 14623990 | 11.769  | 12.279    |
| 7)                          | B delta-BHC     | 4.546  | 4.002 | 27293191 | 19866605 | 8.980   | 7.682     |
| 8)                          | B Heptachlo...  | 5.444  | 4.587 | 33817783 | 30150837 | 12.433  | 12.414    |
| 9)                          | A Endosulfan I  | 5.824  | 4.954 | 28428793 | 26354422 | 11.506  | 11.937    |
| 10)                         | B gamma-Chl...  | 5.699  | 4.836 | 30520603 | 28640095 | 11.626  | 11.784    |
| 11)                         | B alpha-Chl...  | 5.776  | 4.899 | 30685854 | 29052887 | 11.855  | 11.961    |
| 12)                         | B 4,4'-DDE      | 5.954  | 5.089 | 25694018 | 25259984 | 11.401  | 12.824    |
| 13)                         | MA Dieldrin     | 6.099  | 5.219 | 28107421 | 26490079 | 11.610  | 11.776    |
| 14)                         | MA Endrin       | 6.327  | 5.493 | 23354472 | 23728313 | 11.041  | 11.725    |
| 15)                         | B Endosulfa...  | 6.549  | 5.790 | 25708974 | 17176751 | 12.115  | 9.469     |
| 16)                         | A 4,4'-DDD      | 6.470  | 5.644 | 20522451 | 17950260 | 11.379  | 11.829    |
| 17)                         | MA 4,4'-DDT     | 6.782  | 5.893 | 21736437 | 20758539 | 10.710  | 12.046    |
| 18)                         | B Endrin al...  | 6.679  | 5.970 | 20867529 | 21500345 | 12.754  | 13.845    |
| 19)                         | B Endosulfa...  | 6.913  | 6.192 | 23556352 | 20658251 | 11.303  | 10.617    |
| 20)                         | A Methoxychlor  | 7.263  | 6.473 | 13539007 | 12006897 | 12.572  | 12.055    |
| 21)                         | B Endrin ke...  | 7.393  | 6.698 | 25529482 | 26207417 | 12.188  | 12.264    |
| 22)                         | Mirex           | 7.858  | 6.869 | 20287106 | 22115641 | 11.841  | 11.520    |
| 23)                         | Chlordane-1     | 0.000  | 3.654 | 0        | 167050   | N.D.    | 2.169 #   |
| 24)                         | Chlordane-2     | 5.017f | 0.000 | 32154263 | 0        | 308.950 | N.D. #    |
| 25)                         | Chlordane-3     | 5.699  | 4.836 | 30520603 | 28640095 | 77.050  | 113.709 # |
| 26)                         | Chlordane-4     | 5.776  | 4.899 | 30685854 | 29052887 | 64.121  | 110.917 # |
| -----                       |                 |        |       |          |          |         |           |

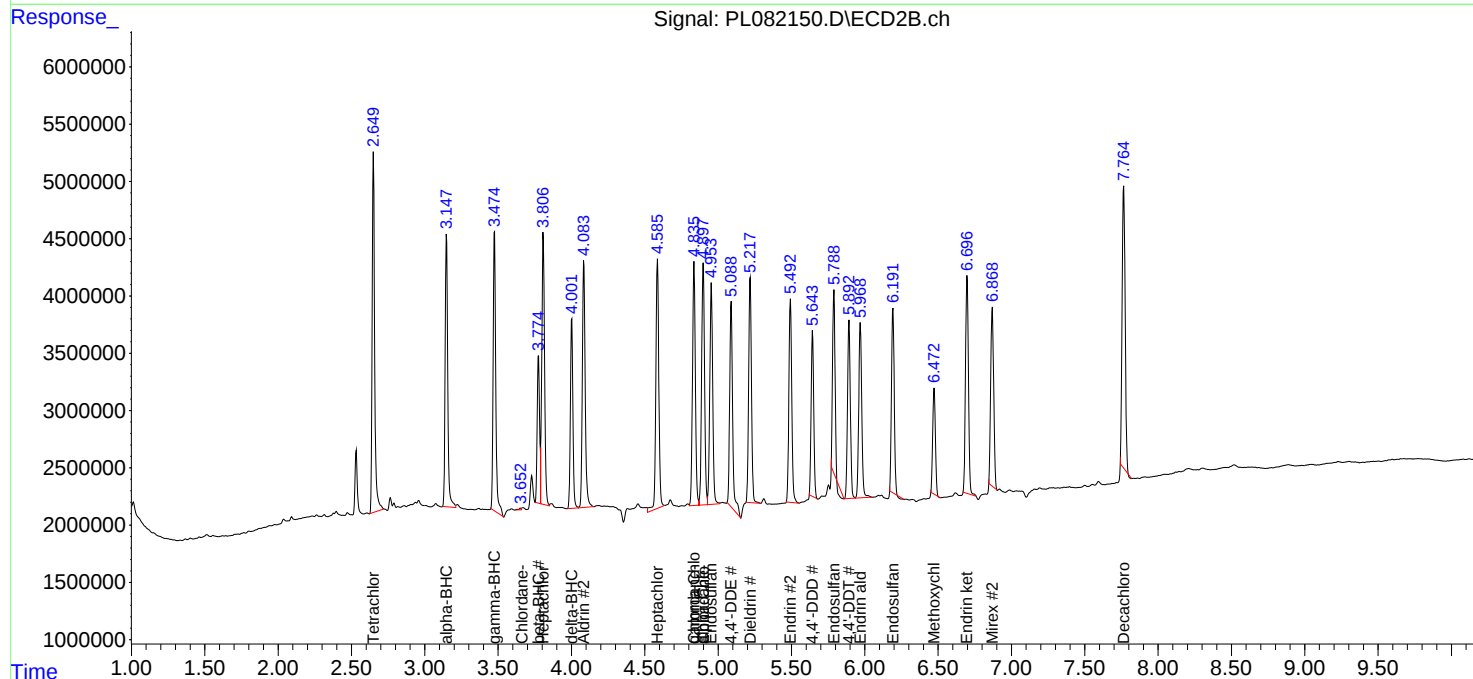
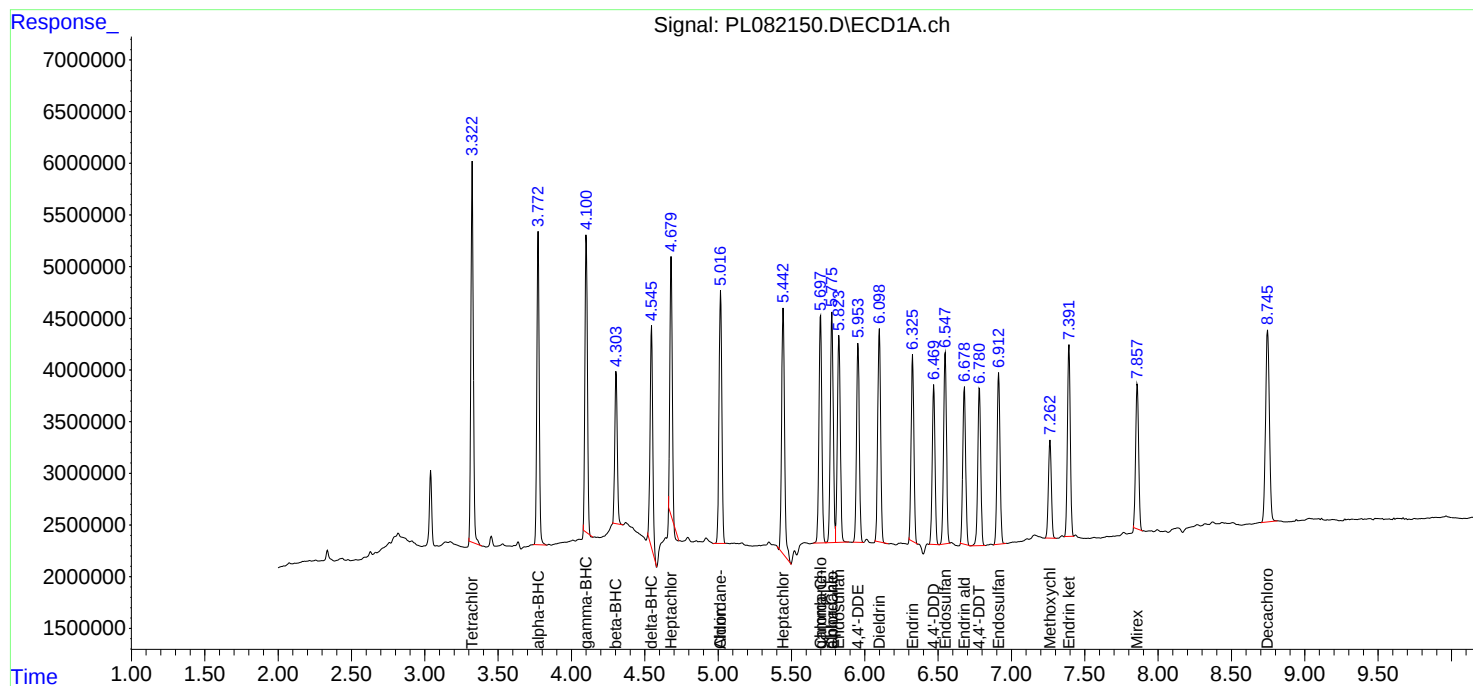
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

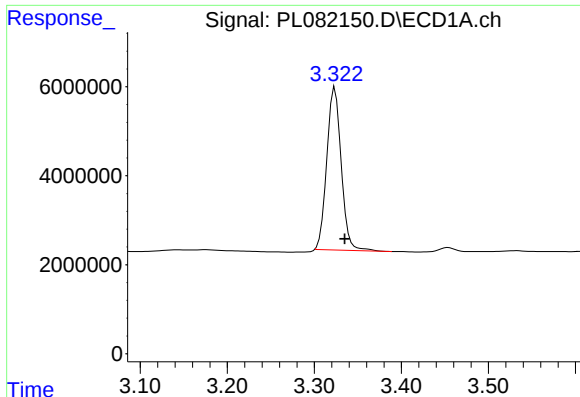
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041723\  
Data File : PL082150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2023 21:26  
Operator : AR\AJ  
Sample : PB152113BS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 04:54:15 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

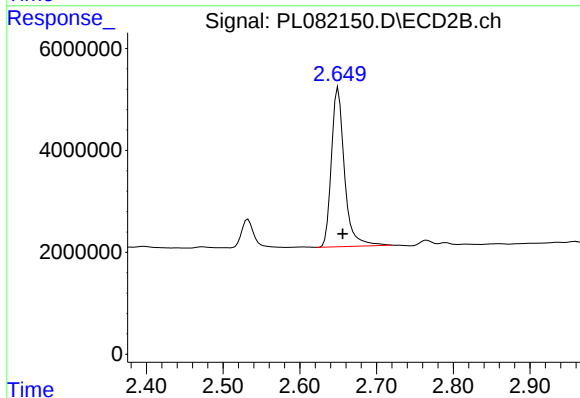




#1 Tetrachloro-m-xylene

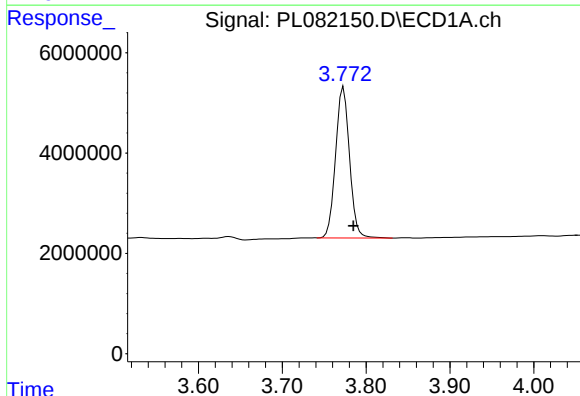
R.T.: 3.324 min  
Delta R.T.: -0.011 min  
Response: 41899508  
Conc: 18.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



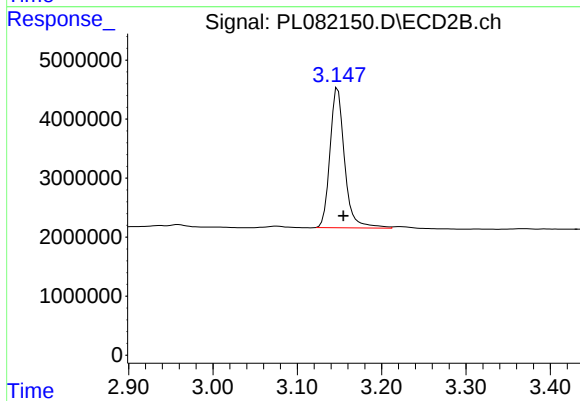
#1 Tetrachloro-m-xylene

R.T.: 2.650 min  
Delta R.T.: -0.006 min  
Response: 36965714  
Conc: 18.52 ng/ml



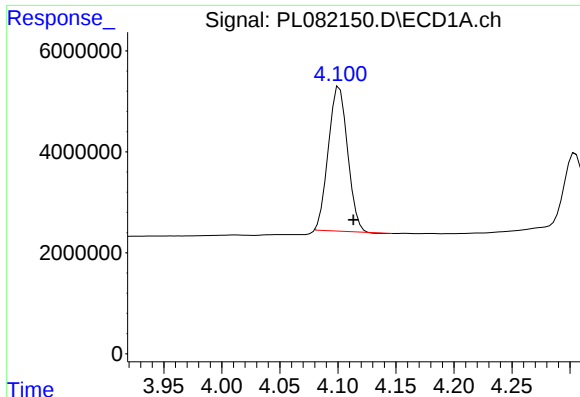
#2 alpha-BHC

R.T.: 3.773 min  
Delta R.T.: -0.012 min  
Response: 34709881  
Conc: 10.12 ng/ml



#2 alpha-BHC

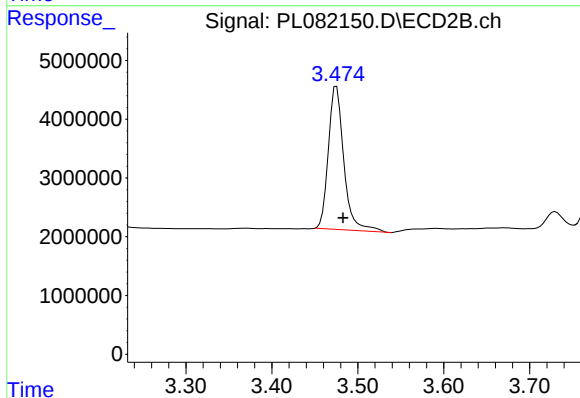
R.T.: 3.148 min  
Delta R.T.: -0.007 min  
Response: 28516633  
Conc: 9.78 ng/ml



#3 gamma-BHC (Lindane)

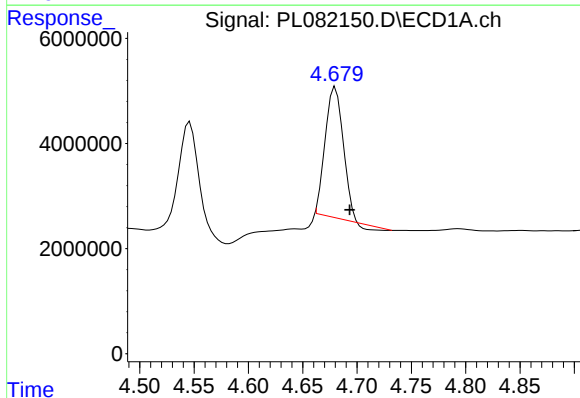
R.T.: 4.101 min  
Delta R.T.: -0.012 min  
Response: 33035820  
Conc: 10.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



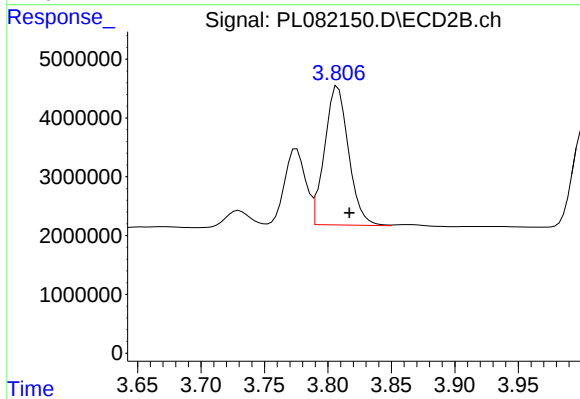
#3 gamma-BHC (Lindane)

R.T.: 3.475 min  
Delta R.T.: -0.008 min  
Response: 30523533  
Conc: 10.96 ng/ml



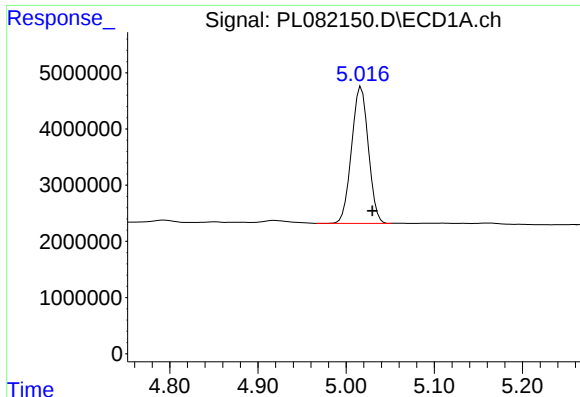
#4 Heptachlor

R.T.: 4.680 min  
Delta R.T.: -0.013 min  
Response: 27962577  
Conc: 8.87 ng/ml



#4 Heptachlor

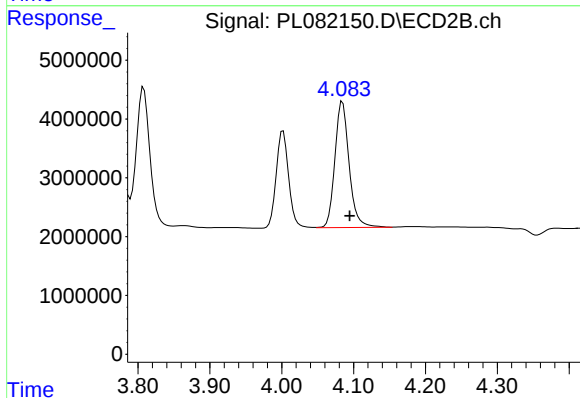
R.T.: 3.808 min  
Delta R.T.: -0.009 min  
Response: 31014734  
Conc: 10.82 ng/ml



#5 Aldrin

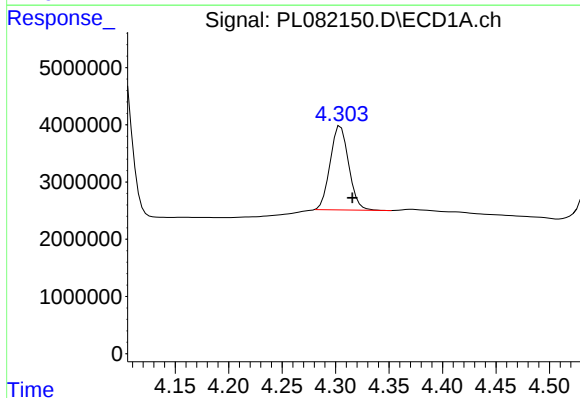
R.T.: 5.017 min  
Delta R.T.: -0.013 min  
Response: 32154263  
Conc: 11.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



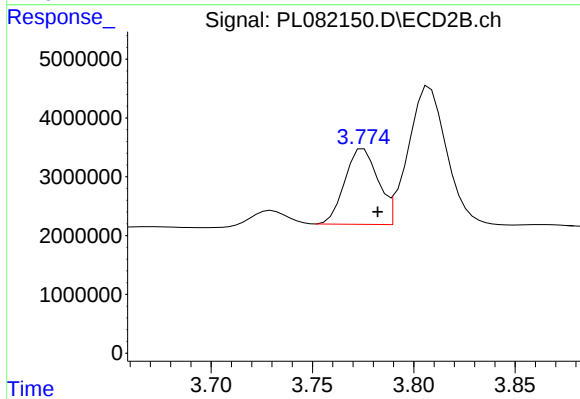
#5 Aldrin

R.T.: 4.085 min  
Delta R.T.: -0.010 min  
Response: 29452780  
Conc: 11.05 ng/ml



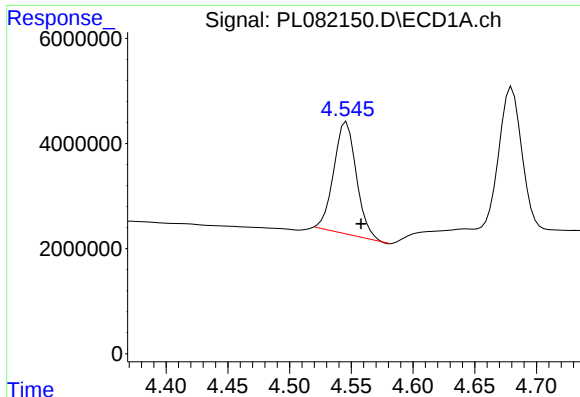
#6 beta-BHC

R.T.: 4.305 min  
Delta R.T.: -0.011 min  
Response: 17713261  
Conc: 11.77 ng/ml



#6 beta-BHC

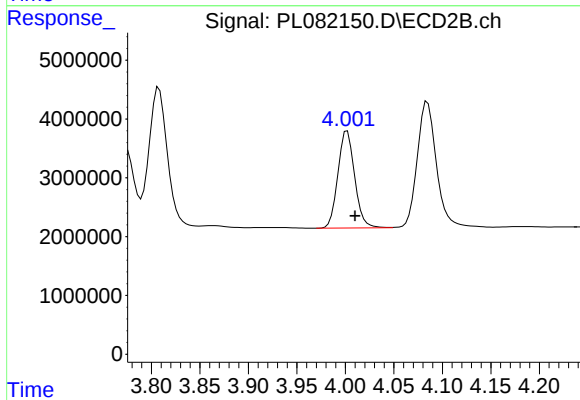
R.T.: 3.775 min  
Delta R.T.: -0.007 min  
Response: 14623990  
Conc: 12.28 ng/ml



#7 delta-BHC

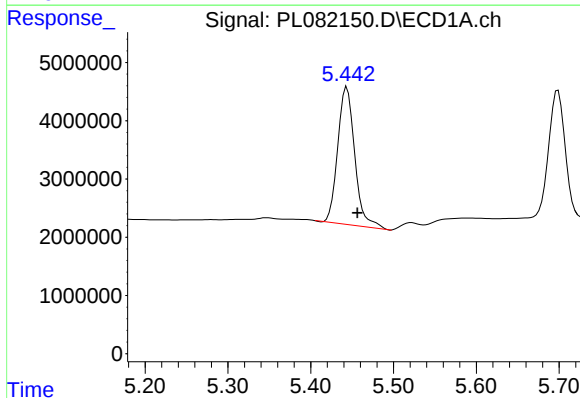
R.T.: 4.546 min  
Delta R.T.: -0.012 min  
Response: 27293191  
Conc: 8.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



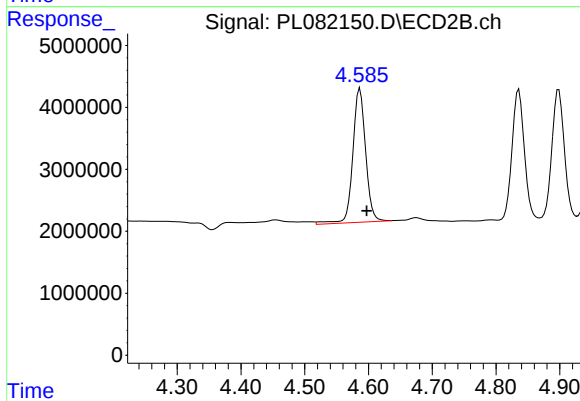
#7 delta-BHC

R.T.: 4.002 min  
Delta R.T.: -0.008 min  
Response: 19866605  
Conc: 7.68 ng/ml



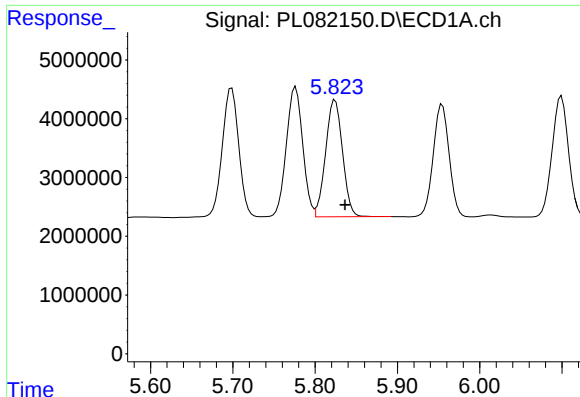
#8 Heptachlor epoxide

R.T.: 5.444 min  
Delta R.T.: -0.013 min  
Response: 33817783  
Conc: 12.43 ng/ml



#8 Heptachlor epoxide

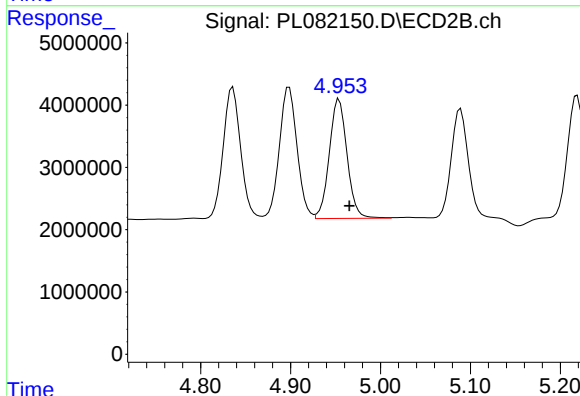
R.T.: 4.587 min  
Delta R.T.: -0.011 min  
Response: 30150837  
Conc: 12.41 ng/ml



#9 Endosulfan I

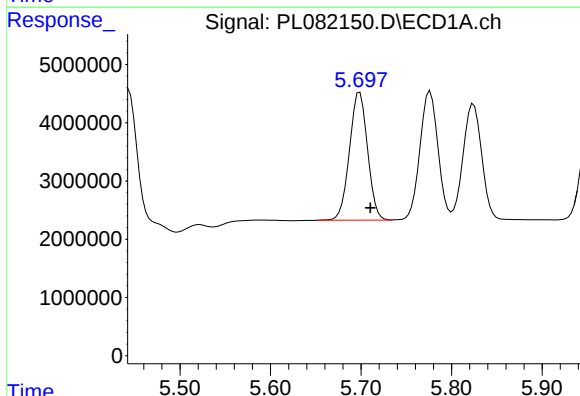
R.T.: 5.824 min  
Delta R.T.: -0.012 min  
Response: 28428793  
Conc: 11.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



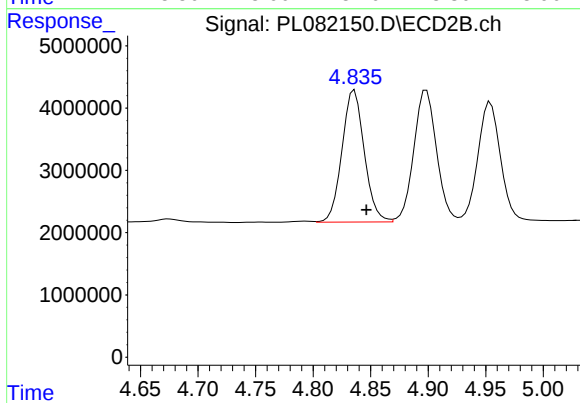
#9 Endosulfan I

R.T.: 4.954 min  
Delta R.T.: -0.011 min  
Response: 26354422  
Conc: 11.94 ng/ml



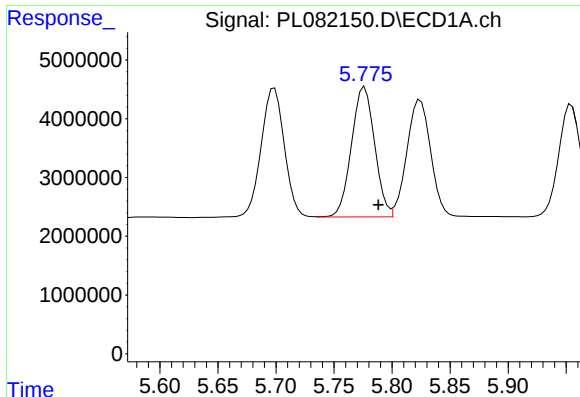
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: -0.012 min  
Response: 30520603  
Conc: 11.63 ng/ml



#10 gamma-Chlordane

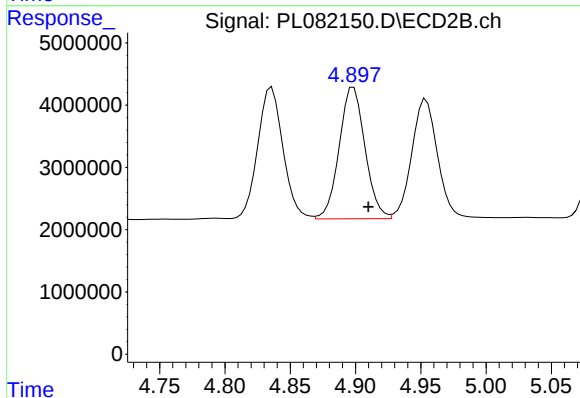
R.T.: 4.836 min  
Delta R.T.: -0.010 min  
Response: 28640095  
Conc: 11.78 ng/ml



#11 alpha-Chlordane

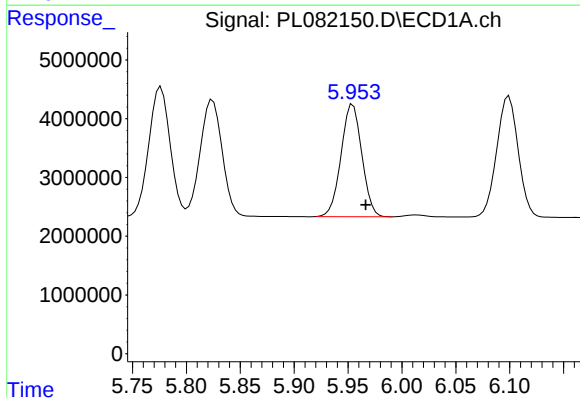
R.T.: 5.776 min  
Delta R.T.: -0.012 min  
Response: 30685854  
Conc: 11.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



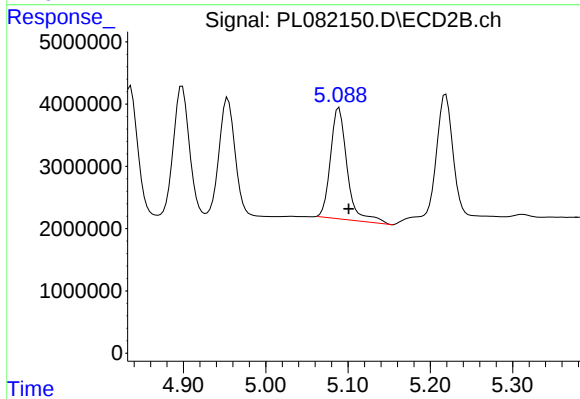
#11 alpha-Chlordane

R.T.: 4.899 min  
Delta R.T.: -0.011 min  
Response: 29052887  
Conc: 11.96 ng/ml



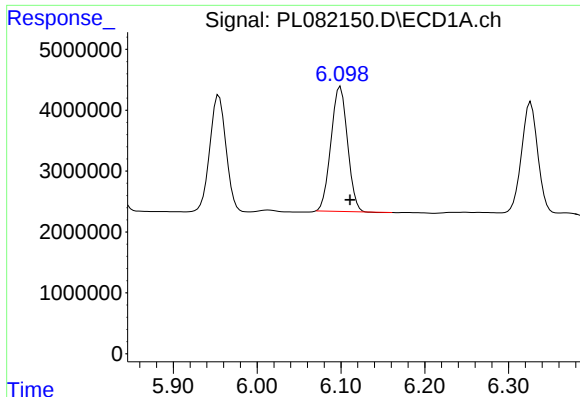
#12 4,4'-DDE

R.T.: 5.954 min  
Delta R.T.: -0.012 min  
Response: 25694018  
Conc: 11.40 ng/ml



#12 4,4'-DDE

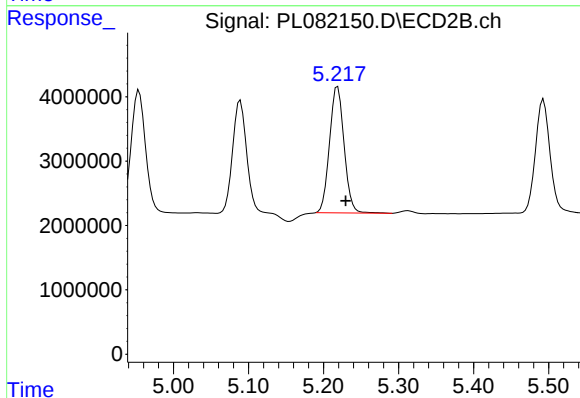
R.T.: 5.089 min  
Delta R.T.: -0.011 min  
Response: 25259984  
Conc: 12.82 ng/ml



#13 Dieldrin

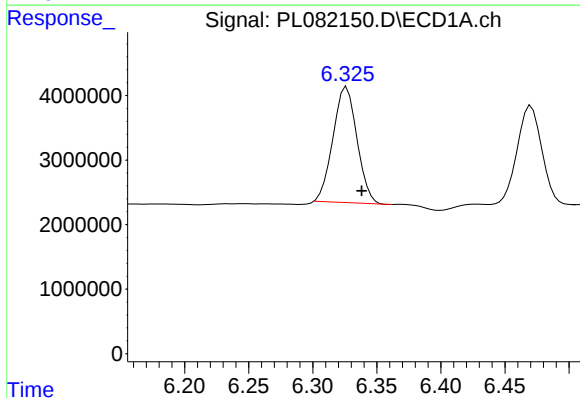
R.T.: 6.099 min  
Delta R.T.: -0.012 min  
Response: 28107421  
Conc: 11.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



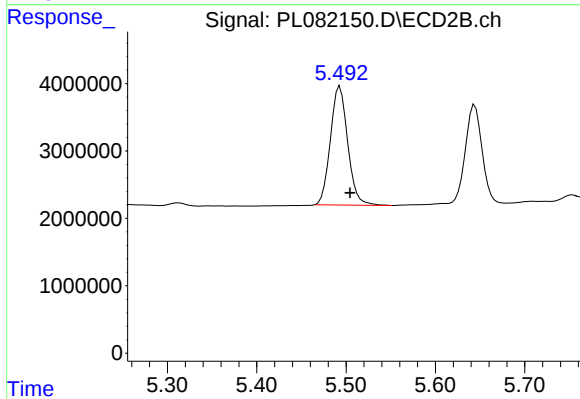
#13 Dieldrin

R.T.: 5.219 min  
Delta R.T.: -0.011 min  
Response: 26490079  
Conc: 11.78 ng/ml



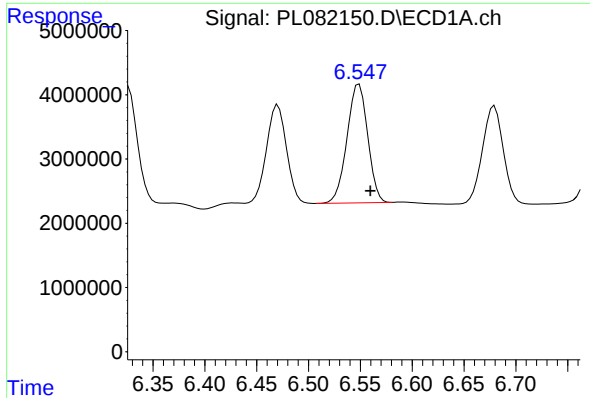
#14 Endrin

R.T.: 6.327 min  
Delta R.T.: -0.012 min  
Response: 23354472  
Conc: 11.04 ng/ml



#14 Endrin

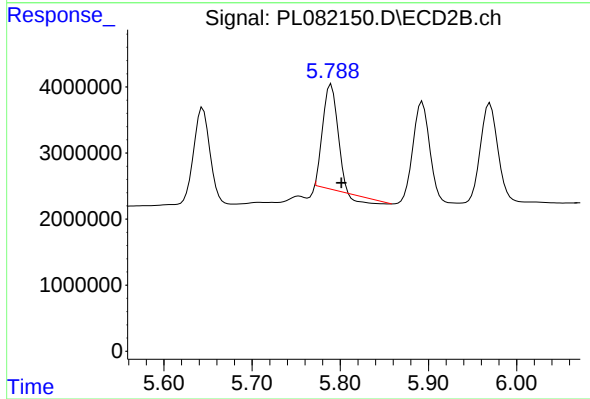
R.T.: 5.493 min  
Delta R.T.: -0.011 min  
Response: 23728313  
Conc: 11.73 ng/ml



#15 Endosulfan II

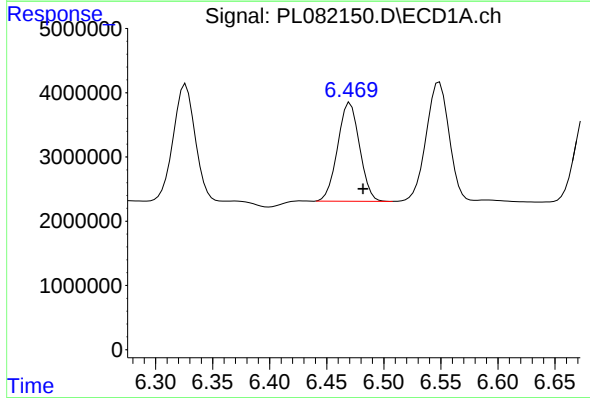
R.T.: 6.549 min  
Delta R.T.: -0.011 min  
Response: 25708974  
Conc: 12.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



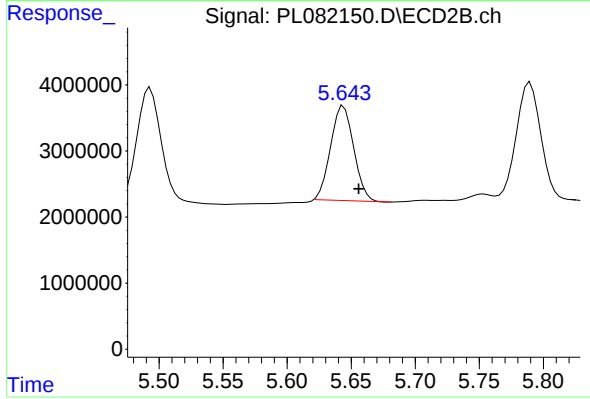
#15 Endosulfan II

R.T.: 5.790 min  
Delta R.T.: -0.012 min  
Response: 17176751  
Conc: 9.47 ng/ml



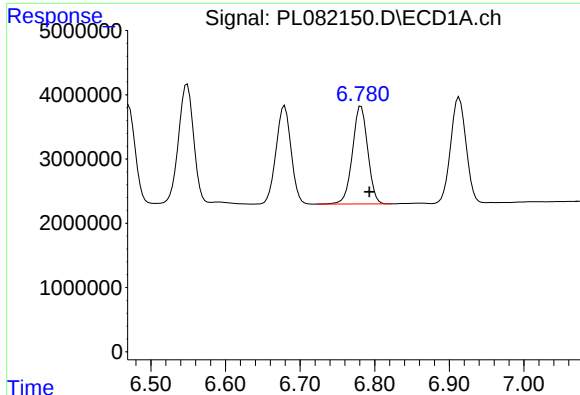
#16 4,4'-DDD

R.T.: 6.470 min  
Delta R.T.: -0.011 min  
Response: 20522451  
Conc: 11.38 ng/ml



#16 4,4'-DDD

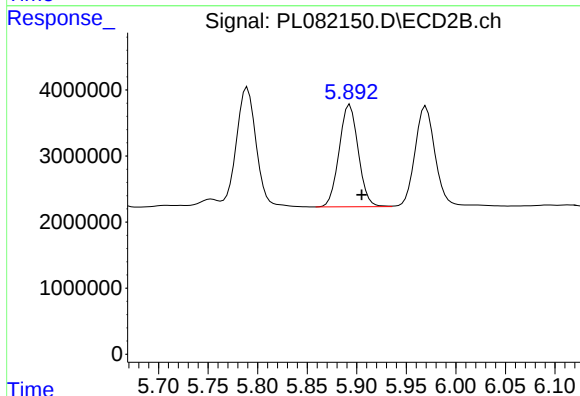
R.T.: 5.644 min  
Delta R.T.: -0.012 min  
Response: 17950260  
Conc: 11.83 ng/ml



#17 4,4'-DDT

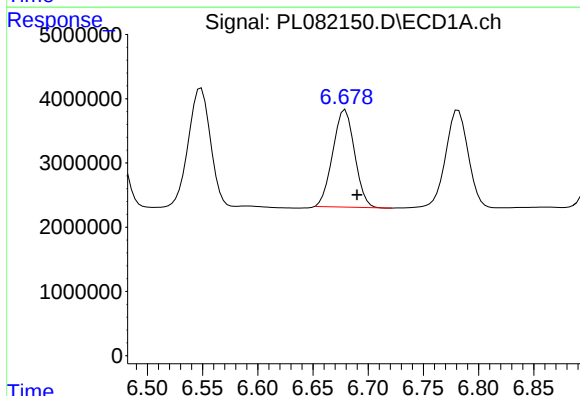
R.T.: 6.782 min  
Delta R.T.: -0.011 min  
Response: 21736437  
Conc: 10.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



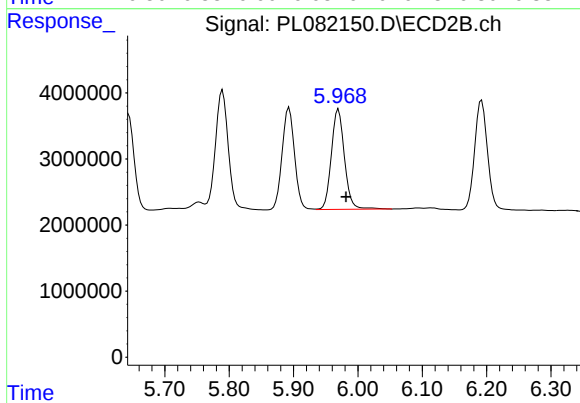
#17 4,4'-DDT

R.T.: 5.893 min  
Delta R.T.: -0.012 min  
Response: 20758539  
Conc: 12.05 ng/ml



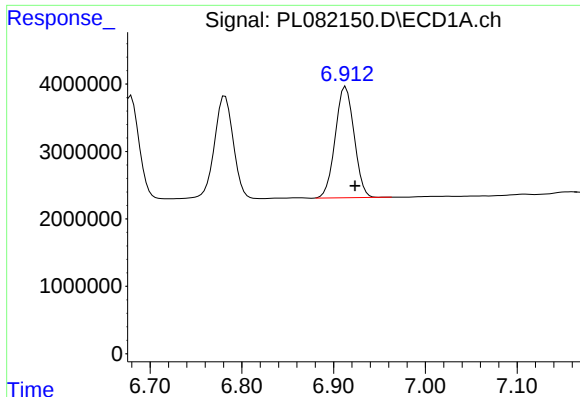
#18 Endrin aldehyde

R.T.: 6.679 min  
Delta R.T.: -0.011 min  
Response: 20867529  
Conc: 12.75 ng/ml



#18 Endrin aldehyde

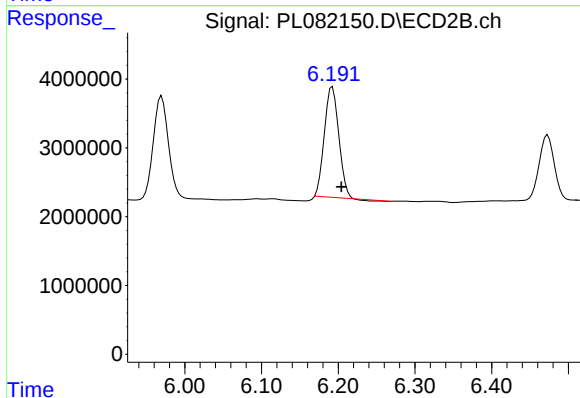
R.T.: 5.970 min  
Delta R.T.: -0.012 min  
Response: 21500345  
Conc: 13.84 ng/ml



#19 Endosulfan Sulfate

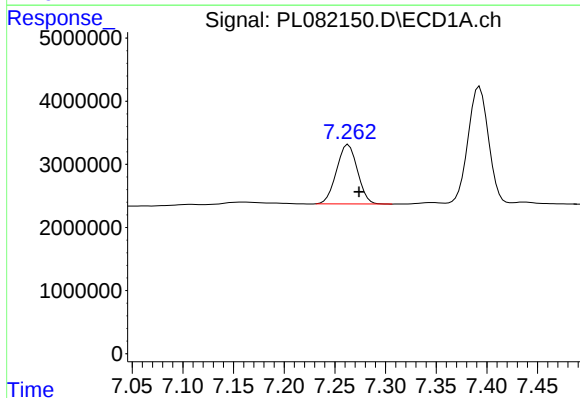
R.T.: 6.913 min  
Delta R.T.: -0.010 min  
Response: 23556352  
Conc: 11.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



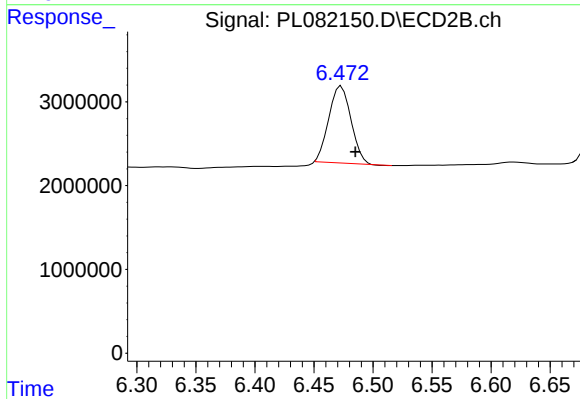
#19 Endosulfan Sulfate

R.T.: 6.192 min  
Delta R.T.: -0.012 min  
Response: 20658251  
Conc: 10.62 ng/ml



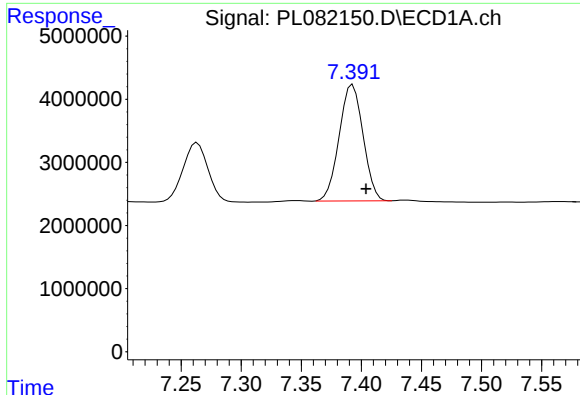
#20 Methoxychlor

R.T.: 7.263 min  
Delta R.T.: -0.010 min  
Response: 13539007  
Conc: 12.57 ng/ml



#20 Methoxychlor

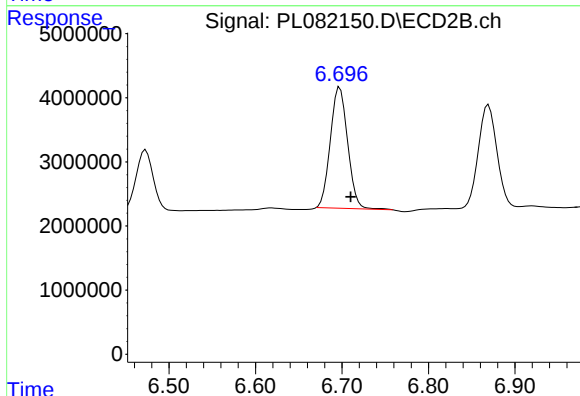
R.T.: 6.473 min  
Delta R.T.: -0.012 min  
Response: 12006897  
Conc: 12.05 ng/ml



#21 Endrin ketone

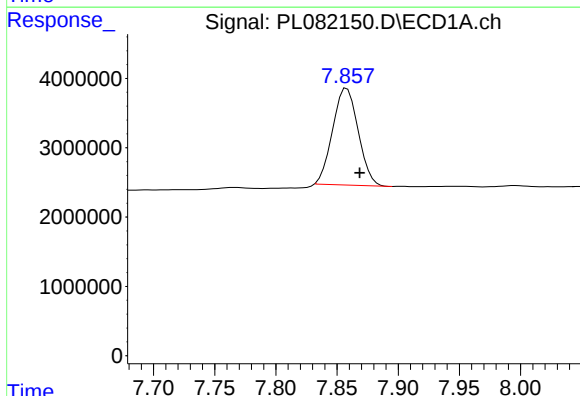
R.T.: 7.393 min  
Delta R.T.: -0.011 min  
Response: 25529482  
Conc: 12.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



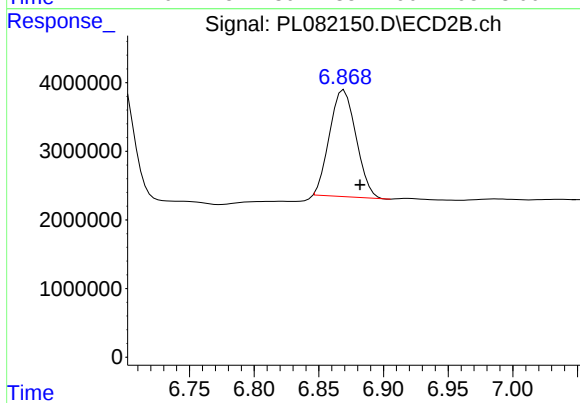
#21 Endrin ketone

R.T.: 6.698 min  
Delta R.T.: -0.013 min  
Response: 26207417  
Conc: 12.26 ng/ml



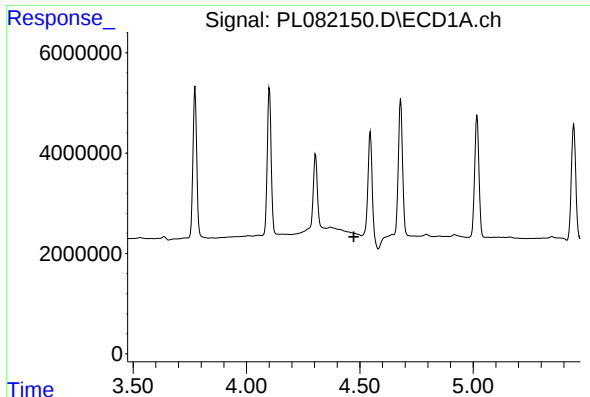
#22 Mirex

R.T.: 7.858 min  
Delta R.T.: -0.010 min  
Response: 20287106  
Conc: 11.84 ng/ml



#22 Mirex

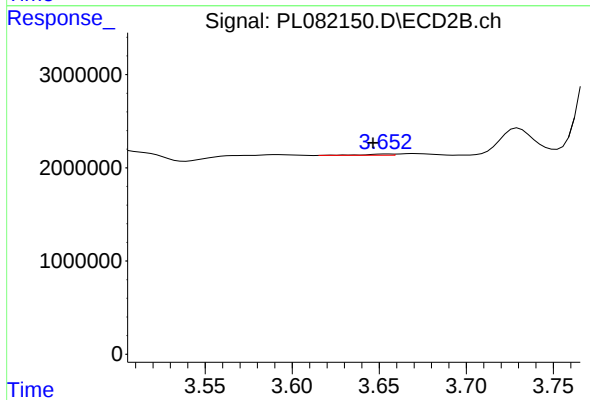
R.T.: 6.869 min  
Delta R.T.: -0.012 min  
Response: 22115641  
Conc: 11.52 ng/ml



#23 Chlordane-1

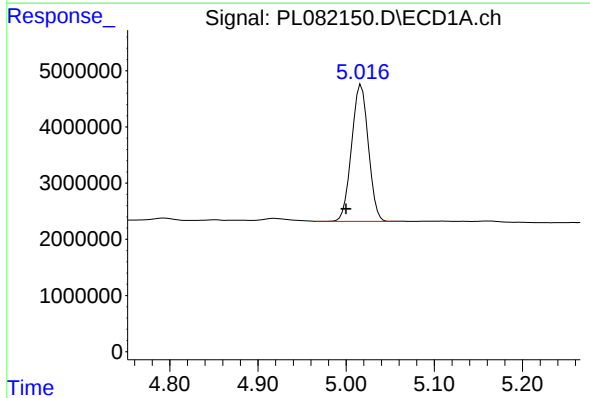
R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



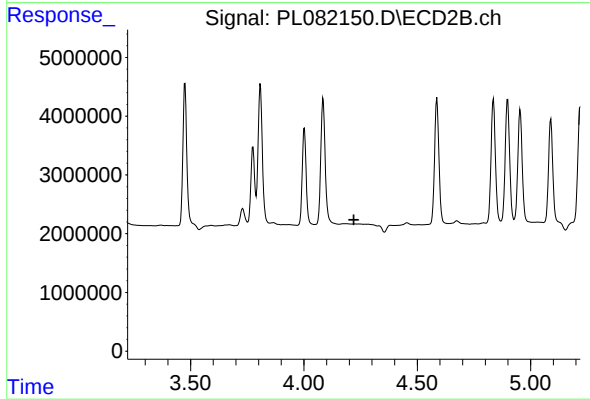
#23 Chlordane-1

R.T.: 3.654 min  
Delta R.T.: 0.008 min  
Response: 167050  
Conc: 2.17 ng/ml



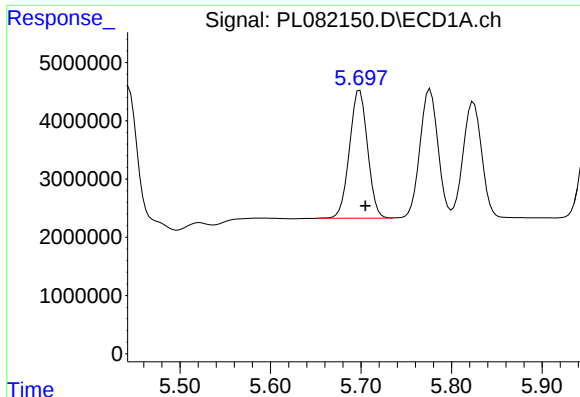
#24 Chlordane-2

R.T.: 5.017 min  
Delta R.T.: 0.017 min  
Response: 32154263  
Conc: 308.95 ng/ml



#24 Chlordane-2

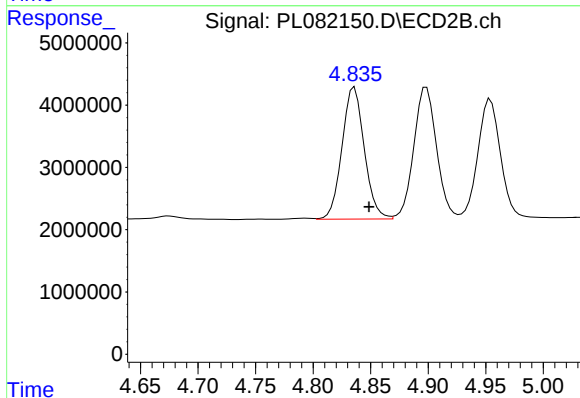
R.T.: 0.000 min  
Exp R.T.: 4.221 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

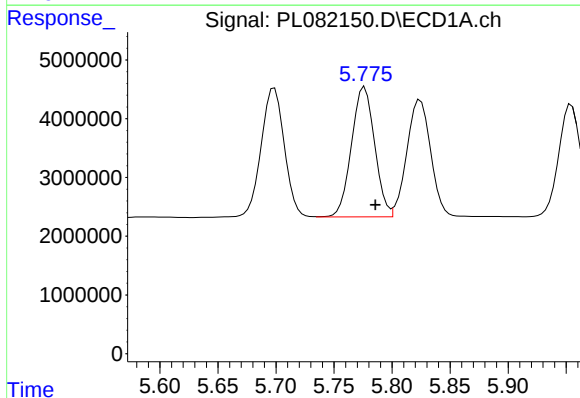
R.T.: 5.699 min  
Delta R.T.: -0.006 min  
Response: 30520603  
Conc: 77.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



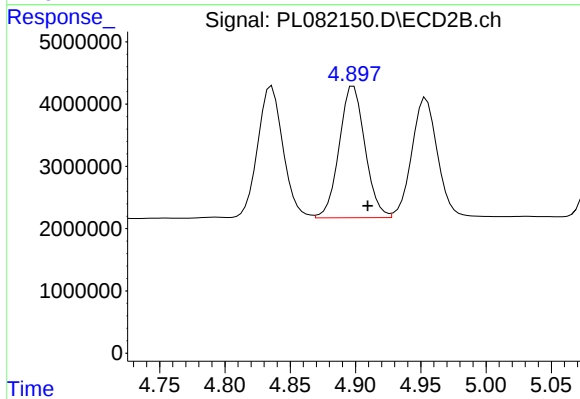
#25 Chlordane-3

R.T.: 4.836 min  
Delta R.T.: -0.013 min  
Response: 28640095  
Conc: 113.71 ng/ml



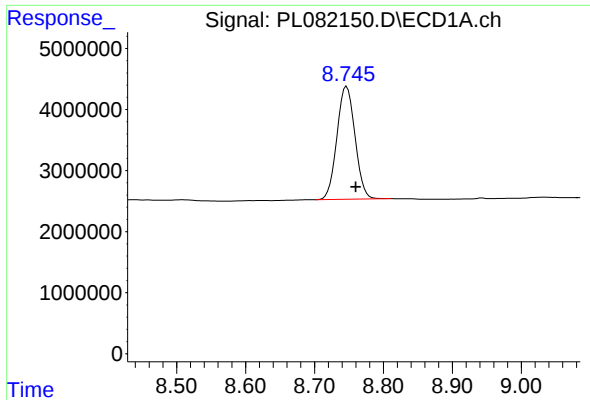
#26 Chlordane-4

R.T.: 5.776 min  
Delta R.T.: -0.009 min  
Response: 30685854  
Conc: 64.12 ng/ml



#26 Chlordane-4

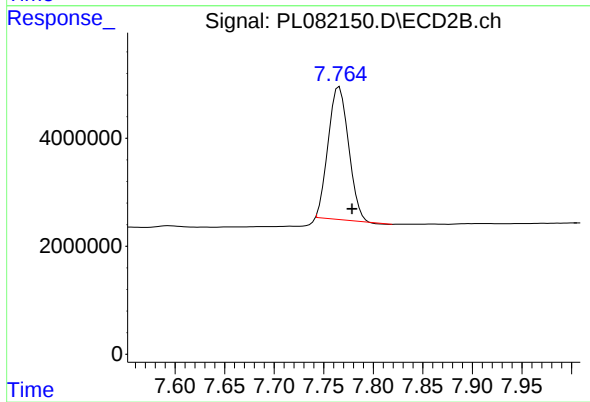
R.T.: 4.899 min  
Delta R.T.: -0.011 min  
Response: 29052887  
Conc: 110.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: -0.013 min  
Response: 33730616  
Conc: 18.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.766 min  
Delta R.T.: -0.013 min  
Response: 35078424  
Conc: 17.69 ng/ml