

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
 Data File : PL082740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2023 18:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 21:50:24 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... | 3.320  | 2.641  | 138.9E6  | 121.3E6  | 52.006   | 52.364     |
| 28)                         | SA Decachlor... | 8.739  | 7.749  | 118.0E6  | 114.2E6  | 61.811   | 50.034     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.769  | 3.138  | 211.3E6  | 173.6E6  | 53.089   | 51.020     |
| 3)                          | MA gamma-BHC... | 4.097  | 3.465  | 195.8E6  | 156.7E6  | 52.357   | 48.722     |
| 4)                          | MA Heptachlor   | 4.675  | 3.796  | 193.8E6  | 159.6E6  | 53.032   | 46.608     |
| 5)                          | MB Aldrin       | 5.011  | 4.072  | 173.8E6  | 157.3E6  | 52.697   | 49.932     |
| 6)                          | B beta-BHC      | 4.301  | 3.765  | 85464690 | 63808271 | 50.111   | 46.766     |
| 7)                          | B delta-BHC     | 4.541  | 3.991  | 190.1E6  | 156.0E6  | 52.834   | 50.873     |
| 8)                          | B Heptachlo...  | 5.437  | 4.573  | 156.9E6  | 134.9E6  | 51.436   | 46.827     |
| 9)                          | A Endosulfan I  | 5.819  | 4.941  | 143.7E6  | 128.1E6  | 51.816   | 47.978     |
| 10)                         | B gamma-Chl...  | 5.693  | 4.822  | 160.3E6  | 138.2E6  | 53.305   | 47.628     |
| 11)                         | B alpha-Chl...  | 5.771  | 4.885  | 154.7E6  | 137.4E6  | 51.837   | 47.347     |
| 12)                         | B 4,4'-DDE      | 5.949  | 5.076  | 139.9E6  | 117.1E6  | 55.047   | 50.950     |
| 13)                         | MA Dieldrin     | 6.093  | 5.205  | 145.5E6  | 120.1E6  | 52.732   | 44.459     |
| 14)                         | MA Endrin       | 6.320  | 5.479  | 126.4E6  | 107.0E6  | 52.124   | 43.748     |
| 15)                         | B Endosulfa...  | 6.543  | 5.776  | 118.5E6  | 107.1E6  | 48.678   | 47.504     |
| 16)                         | A 4,4'-DDD      | 6.465  | 5.630  | 113.5E6  | 96071916 | 55.968   | 51.364     |
| 17)                         | MA 4,4'-DDT     | 6.776  | 5.878  | 115.8E6  | 101.4E6  | 50.608   | 47.977     |
| 18)                         | B Endrin al...  | 6.673  | 5.955  | 96047858 | 87584426 | 50.976   | 46.802     |
| 19)                         | B Endosulfa...  | 6.907  | 6.178  | 120.5E6  | 111.3E6  | 50.814   | 47.272     |
| 20)                         | A Methoxychlor  | 7.257  | 6.458  | 59896994 | 49017145 | 49.083   | 40.449     |
| 21)                         | B Endrin ke...  | 7.387  | 6.683  | 123.0E6  | 109.5E6  | 51.365   | 43.139     |
| 22)                         | Mirex           | 7.851  | 6.854  | 95300711 | 94077713 | 48.714   | 40.828     |
| 23)                         | Chlordane-1     | 0.000  | 3.618f | 0        | 55028    | N.D.     | 0.620 #    |
| 24)                         | Chlordane-2     | 5.011f | 4.210  | 173.8E6  | 3392865  | 1459.642 | 30.255 #   |
| 25)                         | Chlordane-3     | 5.693  | 4.822  | 160.3E6  | 138.2E6  | 371.278  | 486.467 #  |
| 26)                         | Chlordane-4     | 5.771  | 4.885  | 154.7E6  | 137.4E6  | 297.573  | 460.577 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.776  | 0        | 107.1E6  | N.D.     | 1084.763 # |
| -----                       |                 |        |        |          |          |          |            |

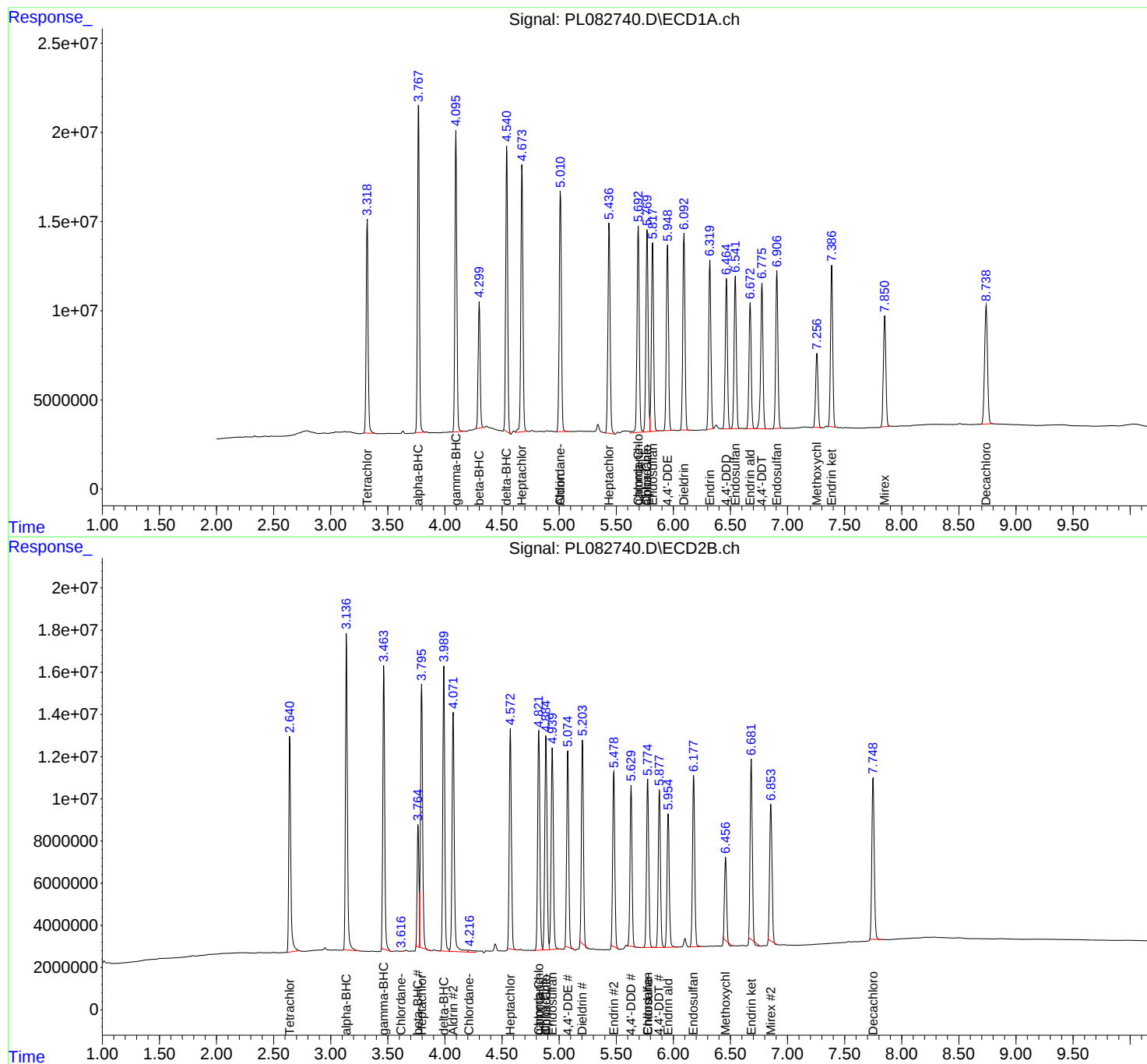
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

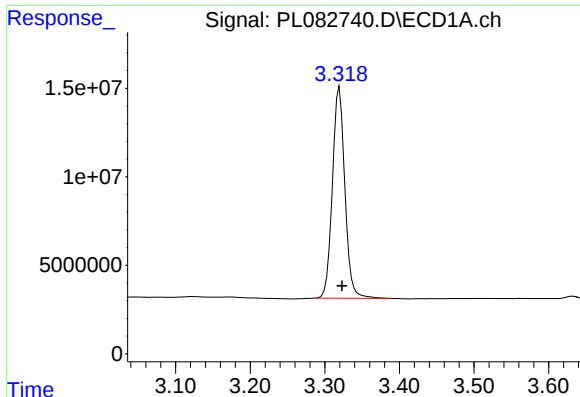
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051623\  
Data File : PL082740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2023 18:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 21:50:24 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

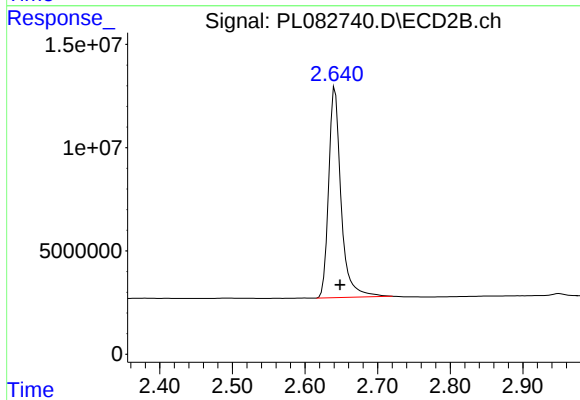




#1 Tetrachloro-m-xylene

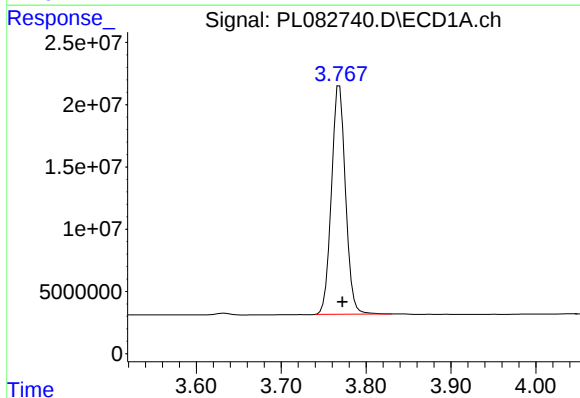
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 138920114  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



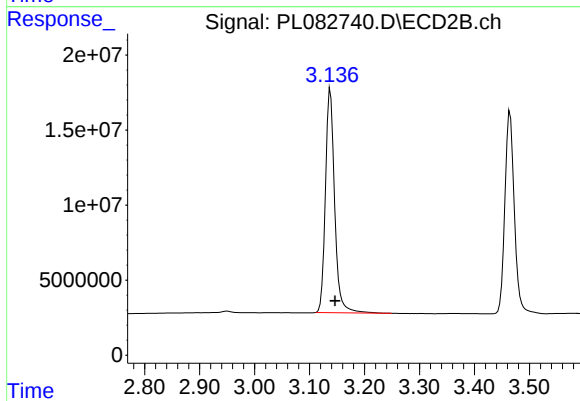
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 121312545  
Conc: 52.36 ng/ml



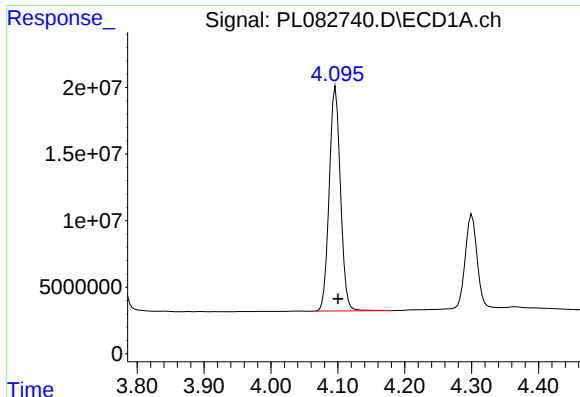
#2 alpha-BHC

R.T.: 3.769 min  
Delta R.T.: -0.004 min  
Response: 211308789  
Conc: 53.09 ng/ml



#2 alpha-BHC

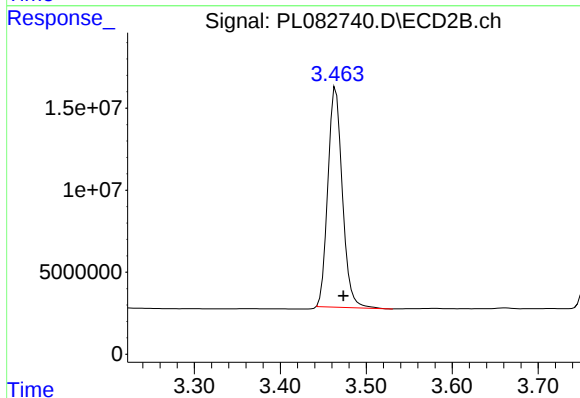
R.T.: 3.138 min  
Delta R.T.: -0.008 min  
Response: 173644257  
Conc: 51.02 ng/ml



#3 gamma-BHC (Lindane)

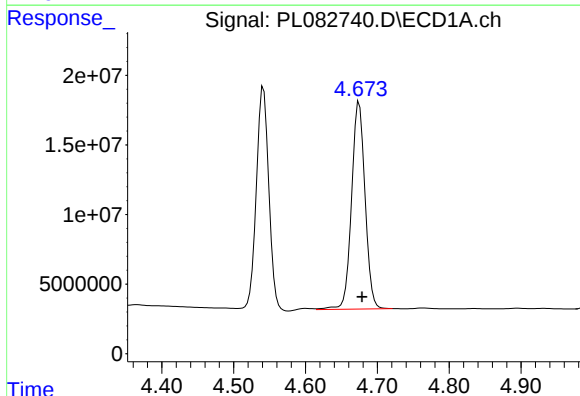
R.T.: 4.097 min  
Delta R.T.: -0.004 min  
Response: 195760697  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



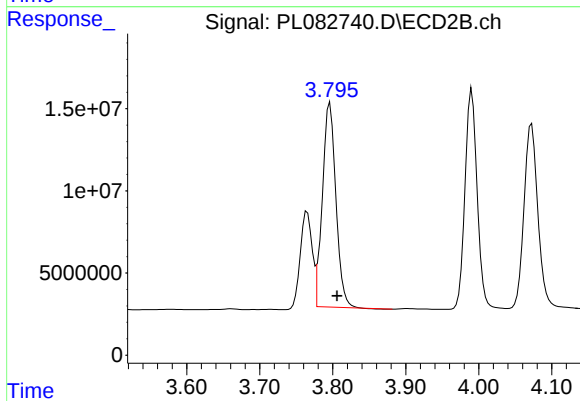
#3 gamma-BHC (Lindane)

R.T.: 3.465 min  
Delta R.T.: -0.009 min  
Response: 156653944  
Conc: 48.72 ng/ml



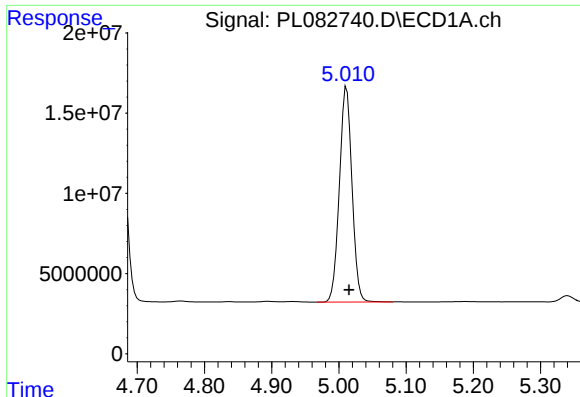
#4 Heptachlor

R.T.: 4.675 min  
Delta R.T.: -0.004 min  
Response: 193774289  
Conc: 53.03 ng/ml



#4 Heptachlor

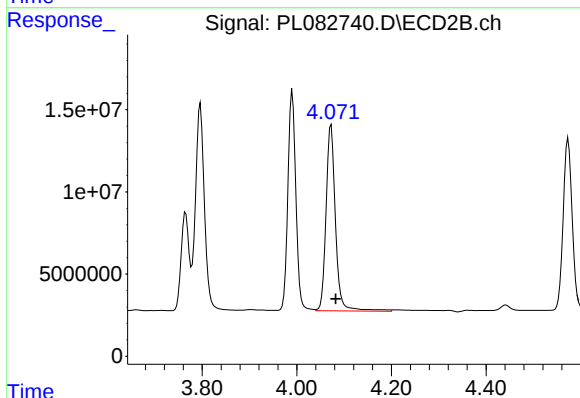
R.T.: 3.796 min  
Delta R.T.: -0.010 min  
Response: 159552074  
Conc: 46.61 ng/ml



#5 Aldrin

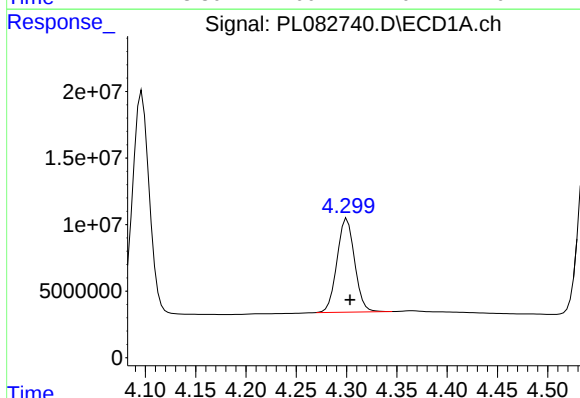
R.T.: 5.011 min  
Delta R.T.: -0.004 min  
Response: 173773966  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



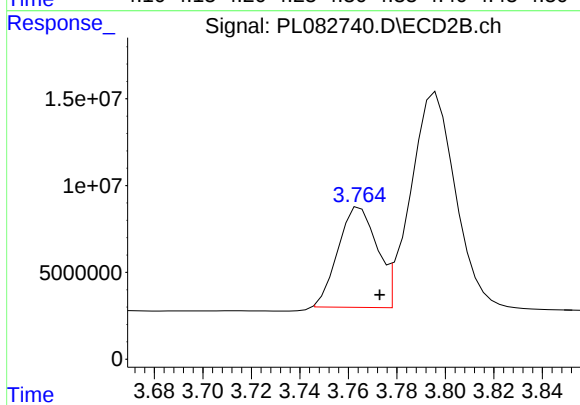
#5 Aldrin

R.T.: 4.072 min  
Delta R.T.: -0.010 min  
Response: 157279115  
Conc: 49.93 ng/ml



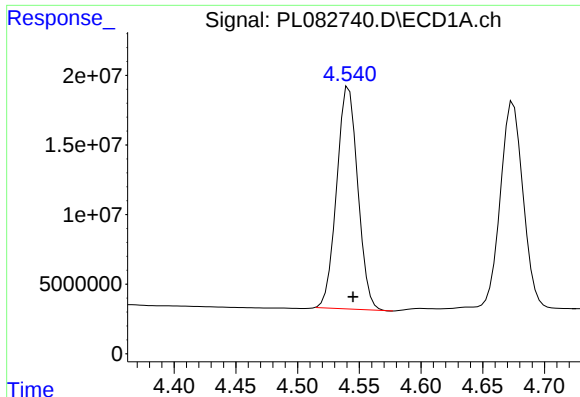
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.003 min  
Response: 85464690  
Conc: 50.11 ng/ml



#6 beta-BHC

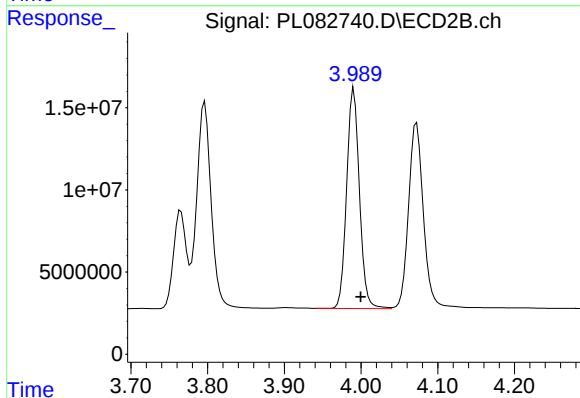
R.T.: 3.765 min  
Delta R.T.: -0.008 min  
Response: 63808271  
Conc: 46.77 ng/ml



#7 delta-BHC

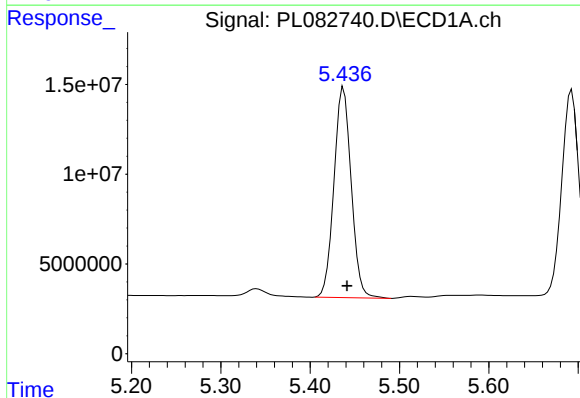
R.T.: 4.541 min  
Delta R.T.: -0.004 min  
Response: 190084164  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



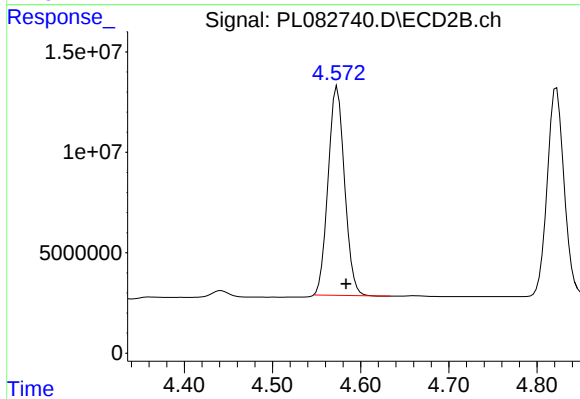
#7 delta-BHC

R.T.: 3.991 min  
Delta R.T.: -0.009 min  
Response: 156046737  
Conc: 50.87 ng/ml



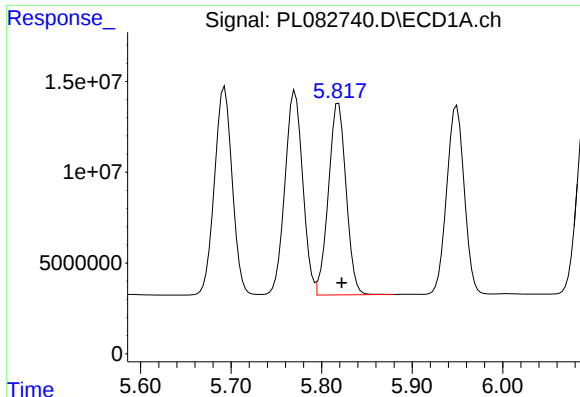
#8 Heptachlor epoxide

R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 156897273  
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min  
Delta R.T.: -0.010 min  
Response: 134904224  
Conc: 46.83 ng/ml



#9 Endosulfan I

R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 143672915  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

#9 Endosulfan I

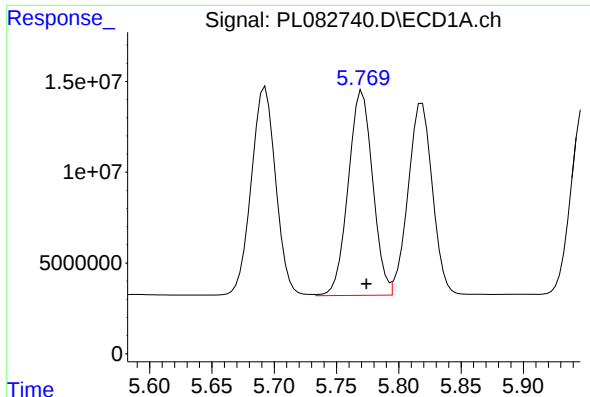
R.T.: 4.941 min  
Delta R.T.: -0.010 min  
Response: 128075465  
Conc: 47.98 ng/ml

#10 gamma-Chlordane

R.T.: 5.693 min  
Delta R.T.: -0.003 min  
Response: 160281972  
Conc: 53.31 ng/ml

#10 gamma-Chlordane

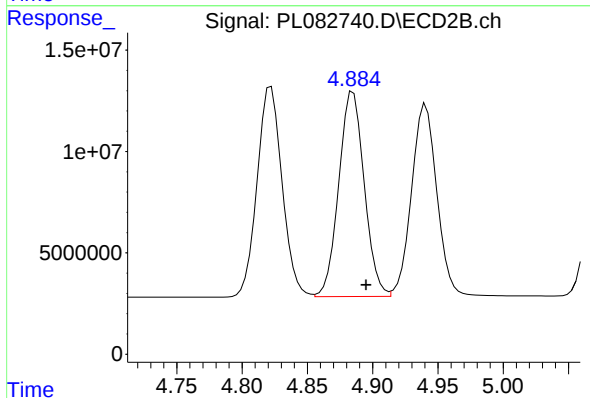
R.T.: 4.822 min  
Delta R.T.: -0.010 min  
Response: 138209977  
Conc: 47.63 ng/ml



#11 alpha-Chlordane

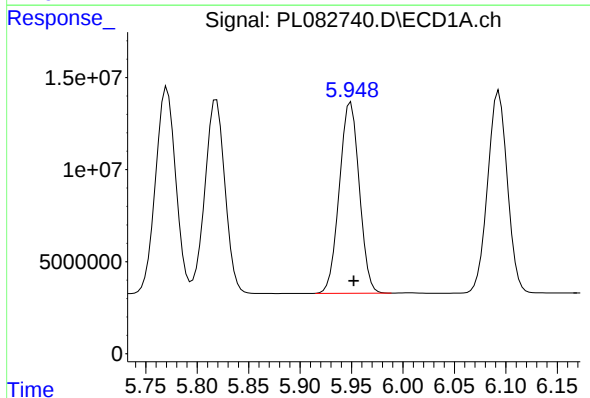
R.T.: 5.771 min  
Delta R.T.: -0.003 min  
Response: 154712516  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



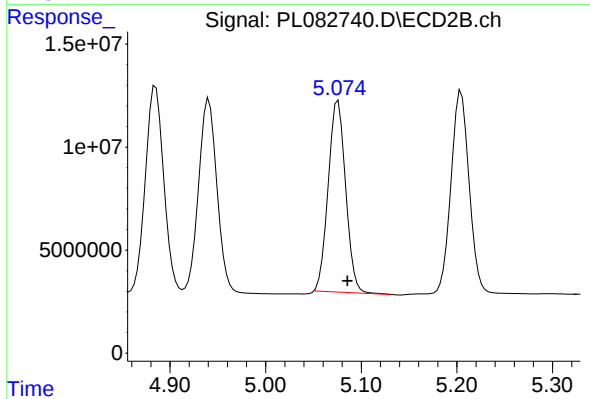
#11 alpha-Chlordane

R.T.: 4.885 min  
Delta R.T.: -0.010 min  
Response: 137439369  
Conc: 47.35 ng/ml



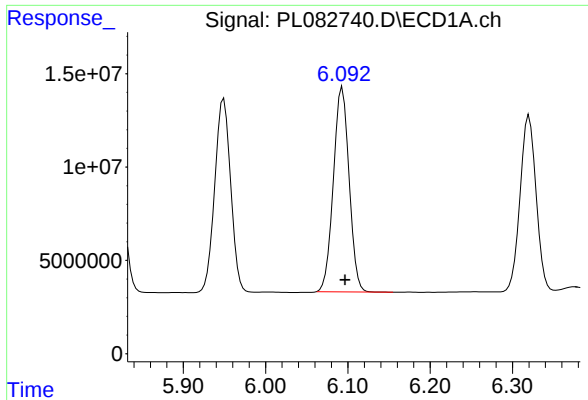
#12 4,4'-DDE

R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 139931764  
Conc: 55.05 ng/ml



#12 4,4'-DDE

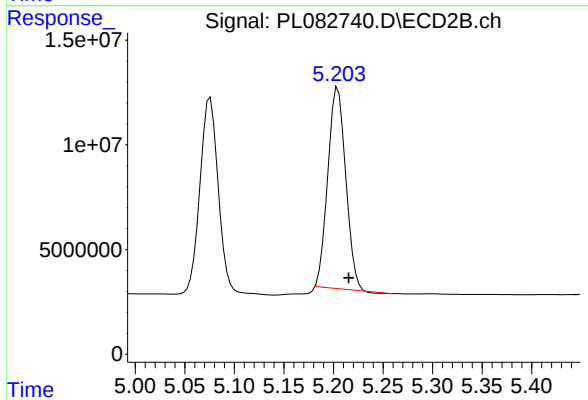
R.T.: 5.076 min  
Delta R.T.: -0.010 min  
Response: 117131983  
Conc: 50.95 ng/ml



#13 Dieldrin

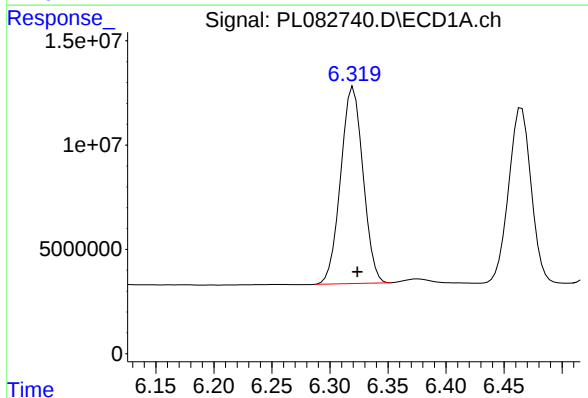
R.T.: 6.093 min  
Delta R.T.: -0.003 min  
Response: 145495488  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



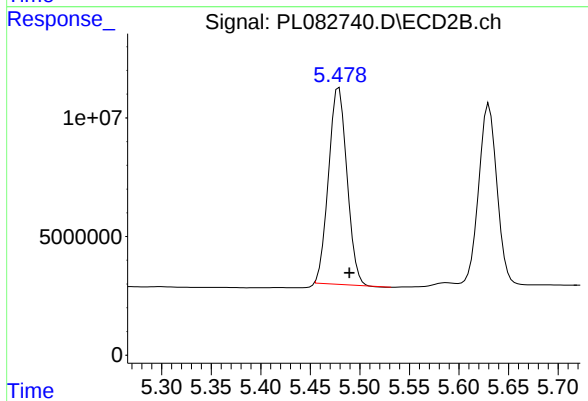
#13 Dieldrin

R.T.: 5.205 min  
Delta R.T.: -0.011 min  
Response: 120055706  
Conc: 44.46 ng/ml



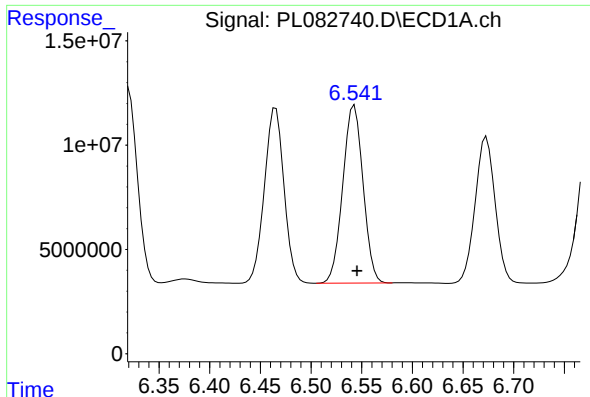
#14 Endrin

R.T.: 6.320 min  
Delta R.T.: -0.003 min  
Response: 126376657  
Conc: 52.12 ng/ml



#14 Endrin

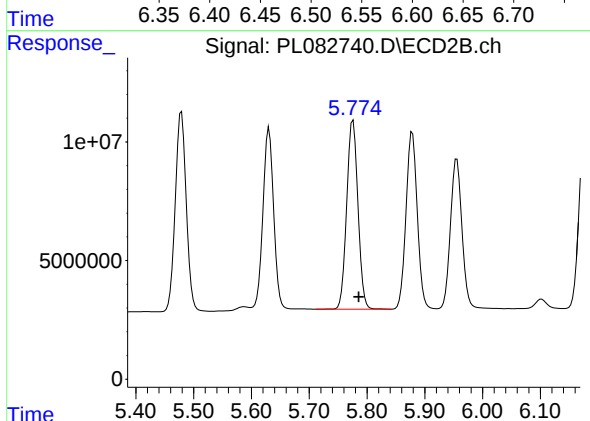
R.T.: 5.479 min  
Delta R.T.: -0.011 min  
Response: 107005263  
Conc: 43.75 ng/ml



#15 Endosulfan II

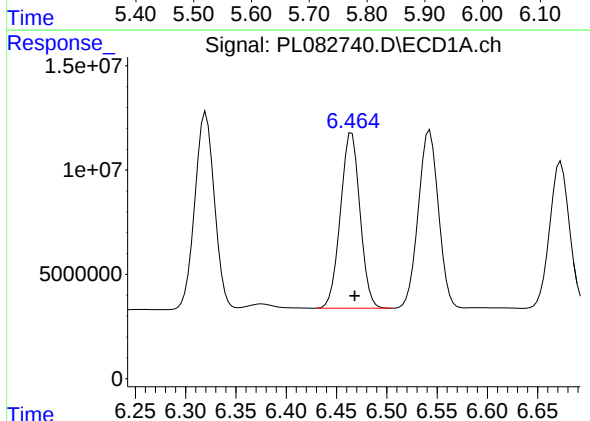
R.T.: 6.543 min  
Delta R.T.: -0.003 min  
Response: 118509447  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



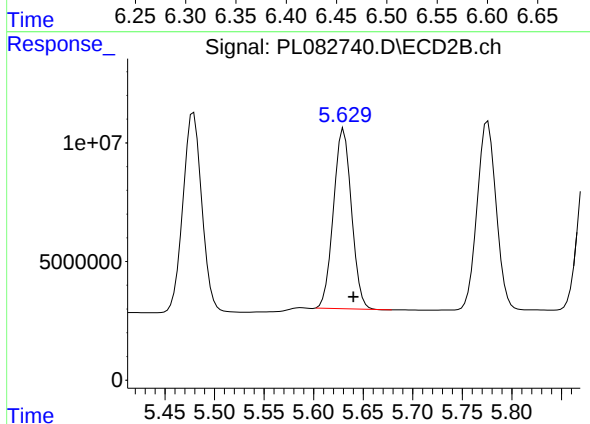
#15 Endosulfan II

R.T.: 5.776 min  
Delta R.T.: -0.010 min  
Response: 107079615  
Conc: 47.50 ng/ml



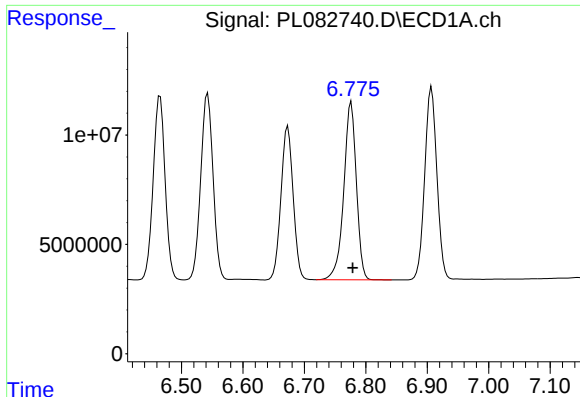
#16 4,4'-DDD

R.T.: 6.465 min  
Delta R.T.: -0.003 min  
Response: 113458136  
Conc: 55.97 ng/ml



#16 4,4'-DDD

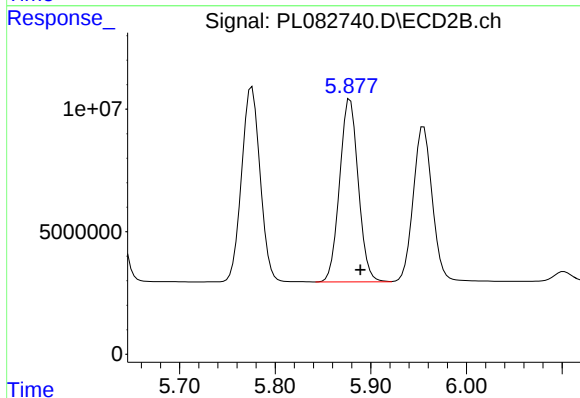
R.T.: 5.630 min  
Delta R.T.: -0.010 min  
Response: 96071916  
Conc: 51.36 ng/ml



#17 4,4'-DDT

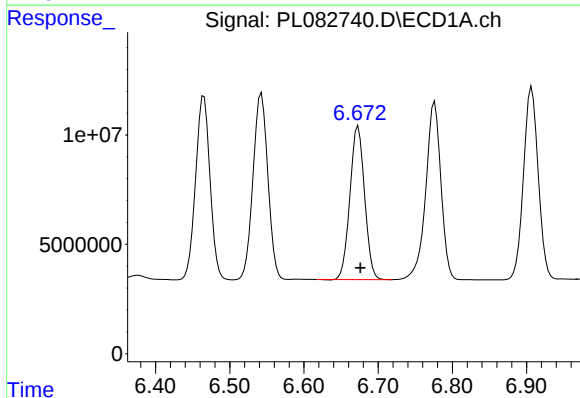
R.T.: 6.776 min  
Delta R.T.: -0.003 min  
Response: 115777851  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



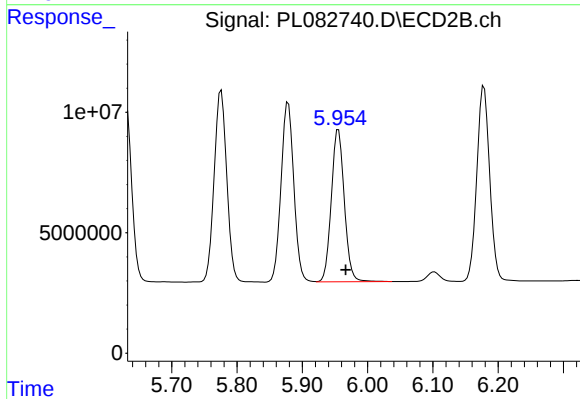
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 101355765  
Conc: 47.98 ng/ml



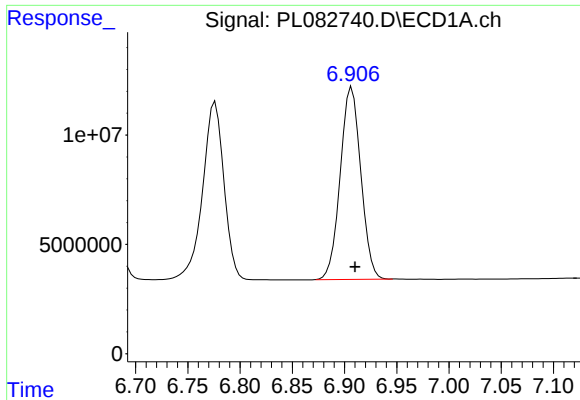
#18 Endrin aldehyde

R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 96047858  
Conc: 50.98 ng/ml



#18 Endrin aldehyde

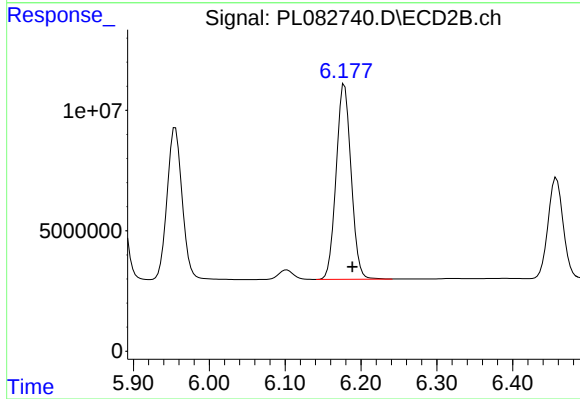
R.T.: 5.955 min  
Delta R.T.: -0.011 min  
Response: 87584426  
Conc: 46.80 ng/ml



#19 Endosulfan Sulfate

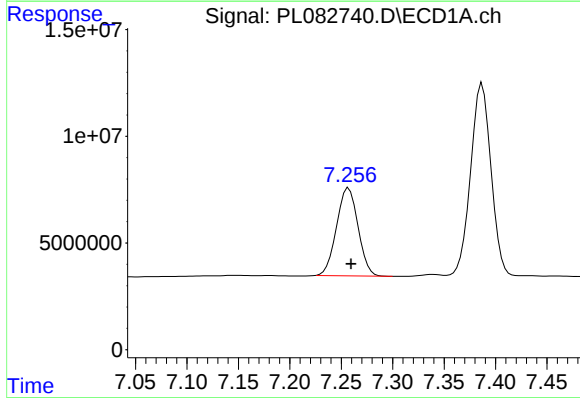
R.T.: 6.907 min  
Delta R.T.: -0.003 min  
Response: 120507798  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



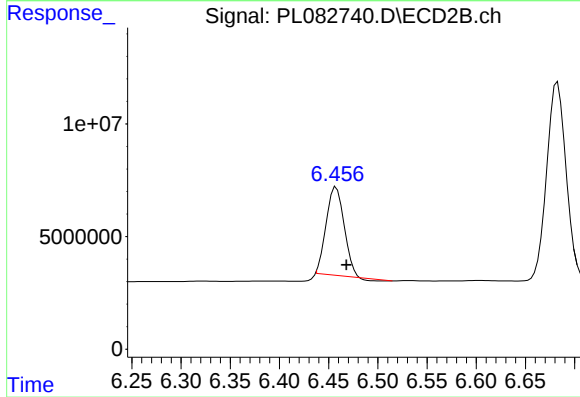
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: -0.010 min  
Response: 111292072  
Conc: 47.27 ng/ml



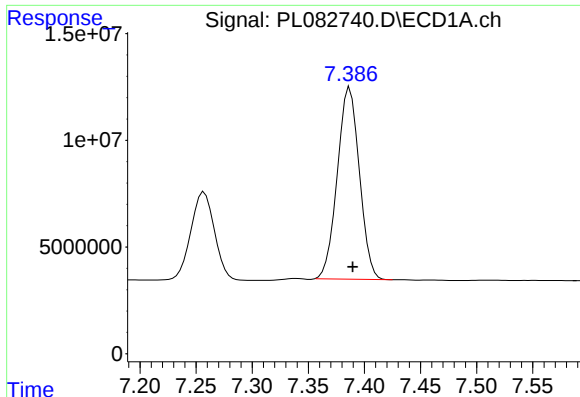
#20 Methoxychlor

R.T.: 7.257 min  
Delta R.T.: -0.002 min  
Response: 59896994  
Conc: 49.08 ng/ml



#20 Methoxychlor

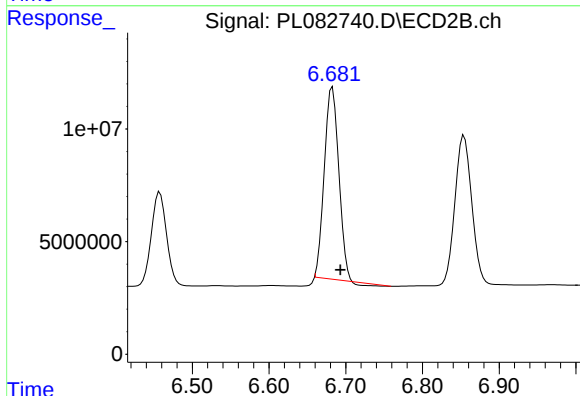
R.T.: 6.458 min  
Delta R.T.: -0.011 min  
Response: 49017145  
Conc: 40.45 ng/ml



#21 Endrin ketone

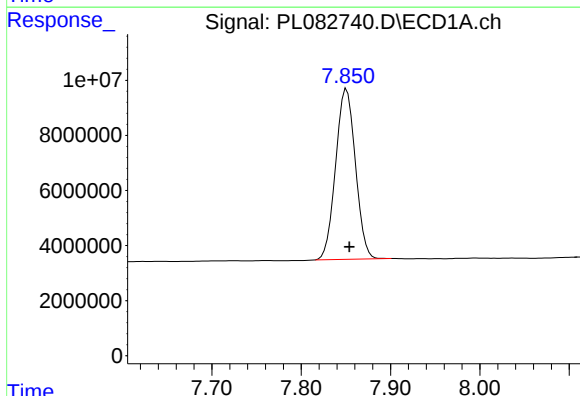
R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 122989139  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



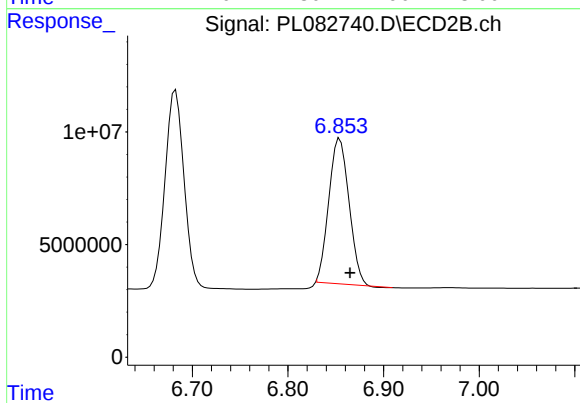
#21 Endrin ketone

R.T.: 6.683 min  
Delta R.T.: -0.010 min  
Response: 109494490  
Conc: 43.14 ng/ml



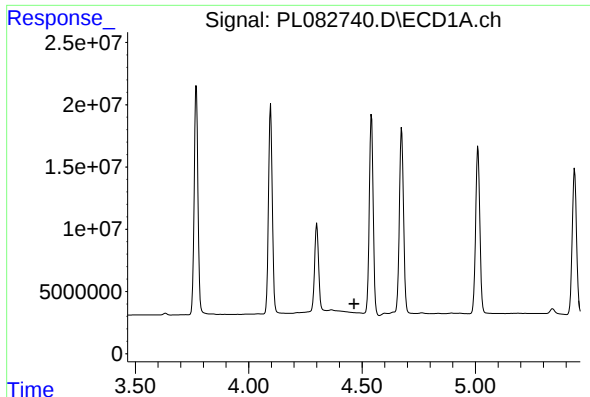
#22 Mirex

R.T.: 7.851 min  
Delta R.T.: -0.003 min  
Response: 95300711  
Conc: 48.71 ng/ml



#22 Mirex

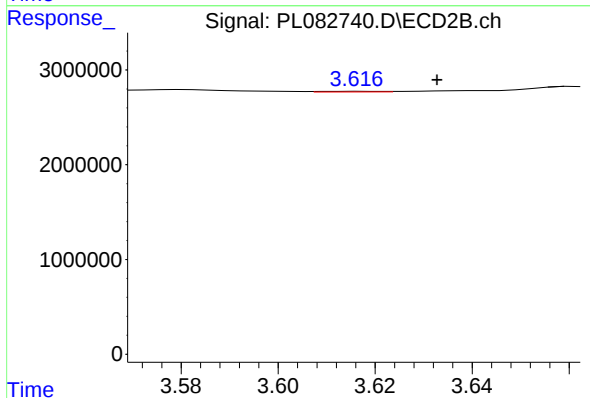
R.T.: 6.854 min  
Delta R.T.: -0.011 min  
Response: 94077713  
Conc: 40.83 ng/ml



#23 Chlordane-1

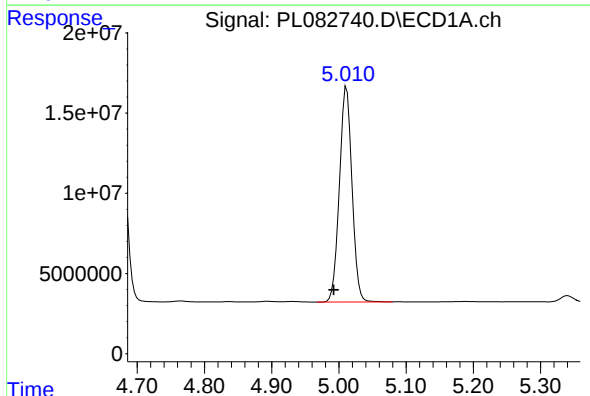
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



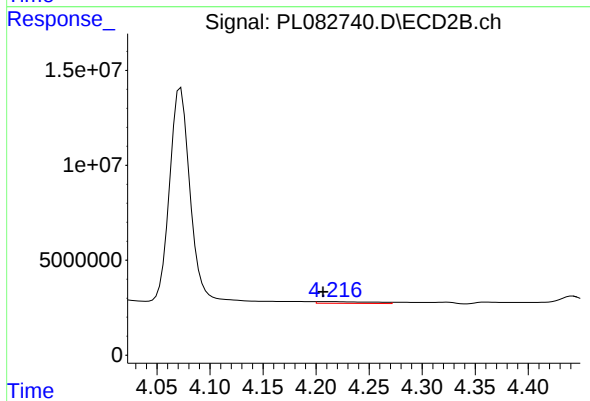
#23 Chlordane-1

R.T.: 3.618 min  
Delta R.T.: -0.015 min  
Response: 55028  
Conc: 0.62 ng/ml



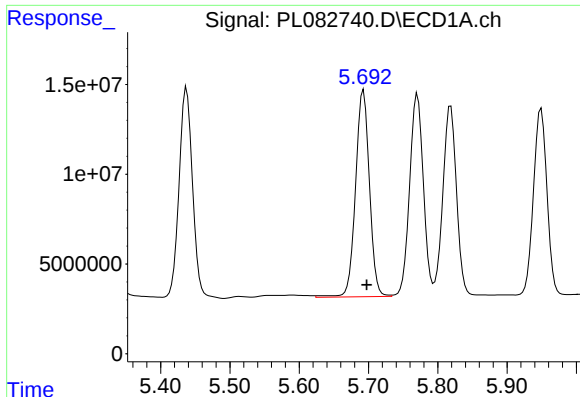
#24 Chlordane-2

R.T.: 5.011 min  
Delta R.T.: 0.019 min  
Response: 173773966  
Conc: 1459.64 ng/ml



#24 Chlordane-2

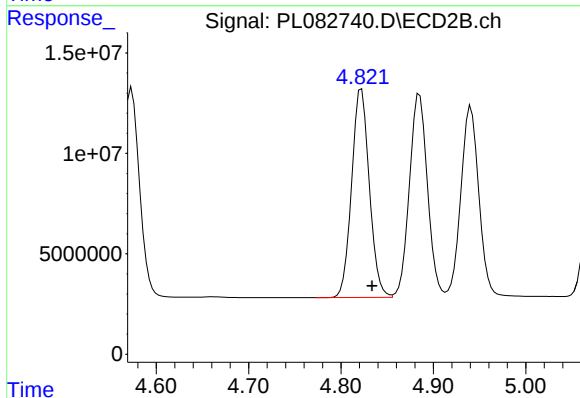
R.T.: 4.210 min  
Delta R.T.: 0.004 min  
Response: 3392865  
Conc: 30.25 ng/ml



#25 Chlordane-3

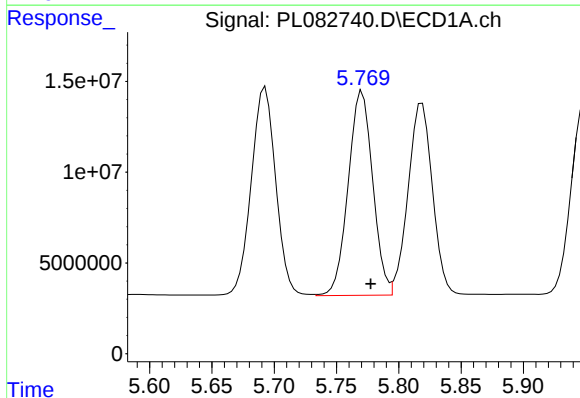
R.T.: 5.693 min  
Delta R.T.: -0.005 min  
Response: 160281972  
Conc: 371.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



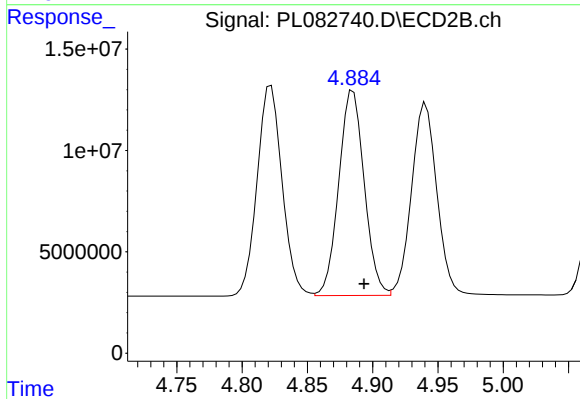
#25 Chlordane-3

R.T.: 4.822 min  
Delta R.T.: -0.012 min  
Response: 138209977  
Conc: 486.47 ng/ml



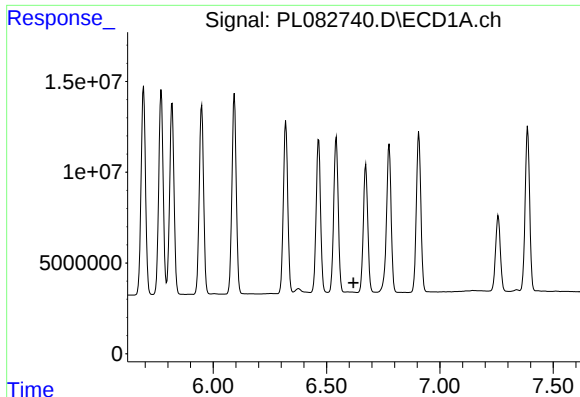
#26 Chlordane-4

R.T.: 5.771 min  
Delta R.T.: -0.007 min  
Response: 154712516  
Conc: 297.57 ng/ml



#26 Chlordane-4

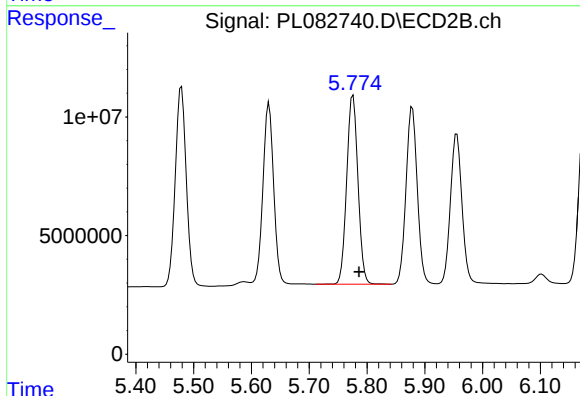
R.T.: 4.885 min  
Delta R.T.: -0.008 min  
Response: 137439369  
Conc: 460.58 ng/ml



#27 Chlordane-5

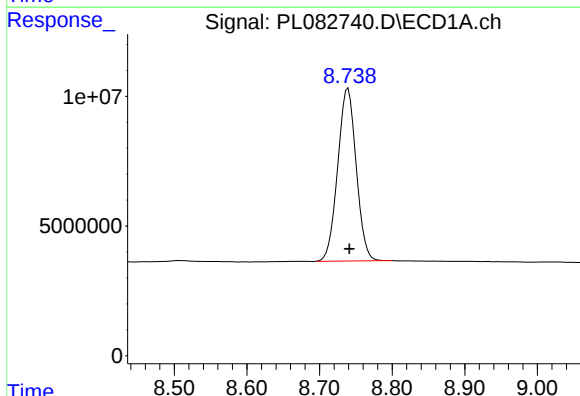
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



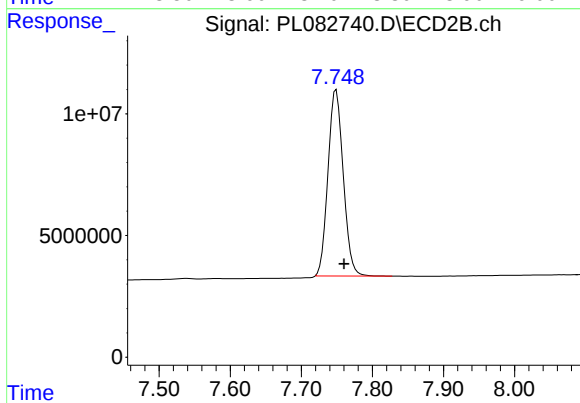
#27 Chlordane-5

R.T.: 5.776 min  
Delta R.T.: -0.010 min  
Response: 107079615  
Conc: 1084.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min  
Delta R.T.: -0.002 min  
Response: 118001580  
Conc: 61.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: -0.011 min  
Response: 114202380  
Conc: 50.03 ng/ml