

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
 Data File : PL087485.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2023 13:59  
 Operator : AR\AJ  
 Sample : PB157995BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 26 20:29:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.426  | 2.677 | 50102134 | 21745359 | 13.313   | 12.918    |
| 28)                         | SA Decachlor... | 8.983  | 7.866 | 50310962 | 23946824 | 14.754   | 14.178    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 3.182 | 324.5E6  | 133.2E6  | 59.931   | 54.182    |
| 3)                          | MA gamma-BHC... | 4.216  | 3.512 | 297.8E6  | 131.2E6  | 56.657   | 54.166    |
| 4)                          | MA Heptachlor   | 4.808  | 3.854 | 297.3E6  | 128.7E6  | 55.808   | 53.858    |
| 5)                          | MB Aldrin       | 5.151  | 4.134 | 284.7E6  | 127.7E6  | 54.685   | 53.251    |
| 6)                          | B beta-BHC      | 4.416  | 3.813 | 125.0E6  | 54118986 | 54.408   | 51.988    |
| 7)                          | B delta-BHC     | 4.661  | 4.043 | 274.6E6  | 132.5E6  | 52.511   | 54.183    |
| 8)                          | B Heptachlo...  | 5.582  | 4.642 | 259.6E6  | 113.6E6  | 55.089   | 51.064    |
| 9)                          | A Endosulfan I  | 5.968  | 5.013 | 241.7E6  | 110.2E6  | 54.114   | 50.981    |
| 10)                         | B gamma-Chl...  | 5.839  | 4.896 | 266.1E6  | 121.3E6  | 54.887   | 53.027    |
| 11)                         | B alpha-Chl...  | 5.920  | 4.960 | 260.2E6  | 120.4E6  | 54.137   | 52.167    |
| 12)                         | B 4,4'-DDE      | 6.101  | 5.158 | 227.9E6  | 103.9E6  | 54.985   | 52.343    |
| 13)                         | MA Dieldrin     | 6.246  | 5.280 | 249.8E6  | 112.8E6  | 53.832   | 50.649    |
| 14)                         | MA Endrin       | 6.475  | 5.556 | 207.8E6  | 101.9E6  | 54.017   | 51.048    |
| 15)                         | B Endosulfa...  | 6.696  | 5.854 | 202.8E6  | 94323388 | 50.556   | 48.445    |
| 16)                         | A 4,4'-DDD      | 6.621  | 5.716 | 185.0E6  | 87561334 | 55.963   | 52.883    |
| 17)                         | MA 4,4'-DDT     | 6.938  | 5.969 | 198.3E6  | 89684440 | 52.744   | 48.627    |
| 18)                         | B Endrin al...  | 6.828  | 6.036 | 150.1E6  | 71589641 | 51.798   | 48.779    |
| 19)                         | B Endosulfa...  | 7.064  | 6.261 | 210.2E6  | 96127314 | 53.518   | 51.028    |
| 20)                         | A Methoxychlor  | 7.422  | 6.555 | 97334534 | 47224752 | 49.917   | 46.236    |
| 21)                         | B Endrin ke...  | 7.551  | 6.766 | 214.6E6  | 106.9E6  | 52.759   | 50.233    |
| 22)                         | Mirex           | 8.028  | 6.948 | 158.4E6  | 79962999 | 47.018   | 44.945    |
| 23)                         | Chlordane-1     | 0.000  | 3.685 | 0        | 64908    | N.D.     | 1.046 #   |
| 24)                         | Chlordane-2     | 5.151f | 4.271 | 284.7E6  | 57482    | 1634.489 | 0.749 #   |
| 25)                         | Chlordane-3     | 5.839  | 4.896 | 266.1E6  | 121.3E6  | 381.740  | 548.656 # |
| 26)                         | Chlordane-4     | 5.920  | 4.960 | 260.2E6  | 120.4E6  | 304.292  | 517.159 # |
| 27)                         | Chlordane-5     | 0.000  | 5.631 | 0        | 124643   | N.D.     | 1.927 #   |
| -----                       |                 |        |       |          |          |          |           |

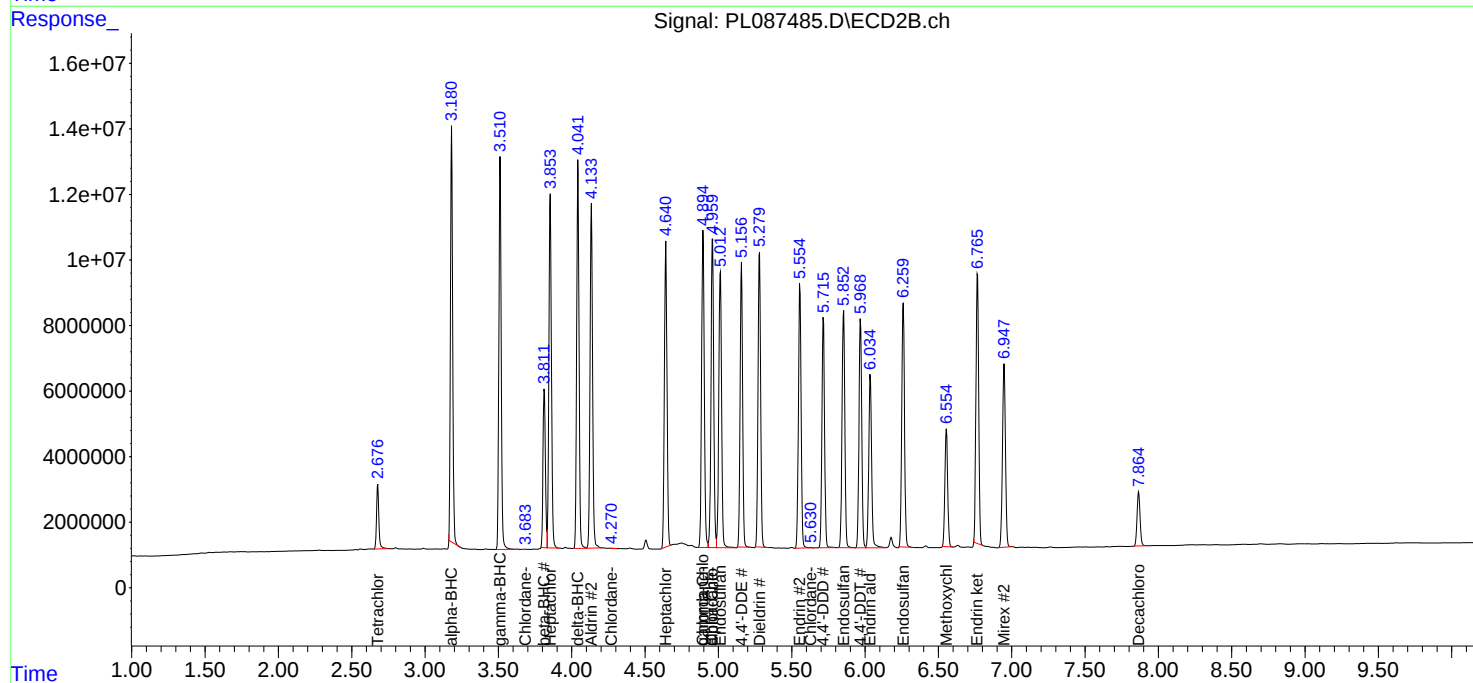
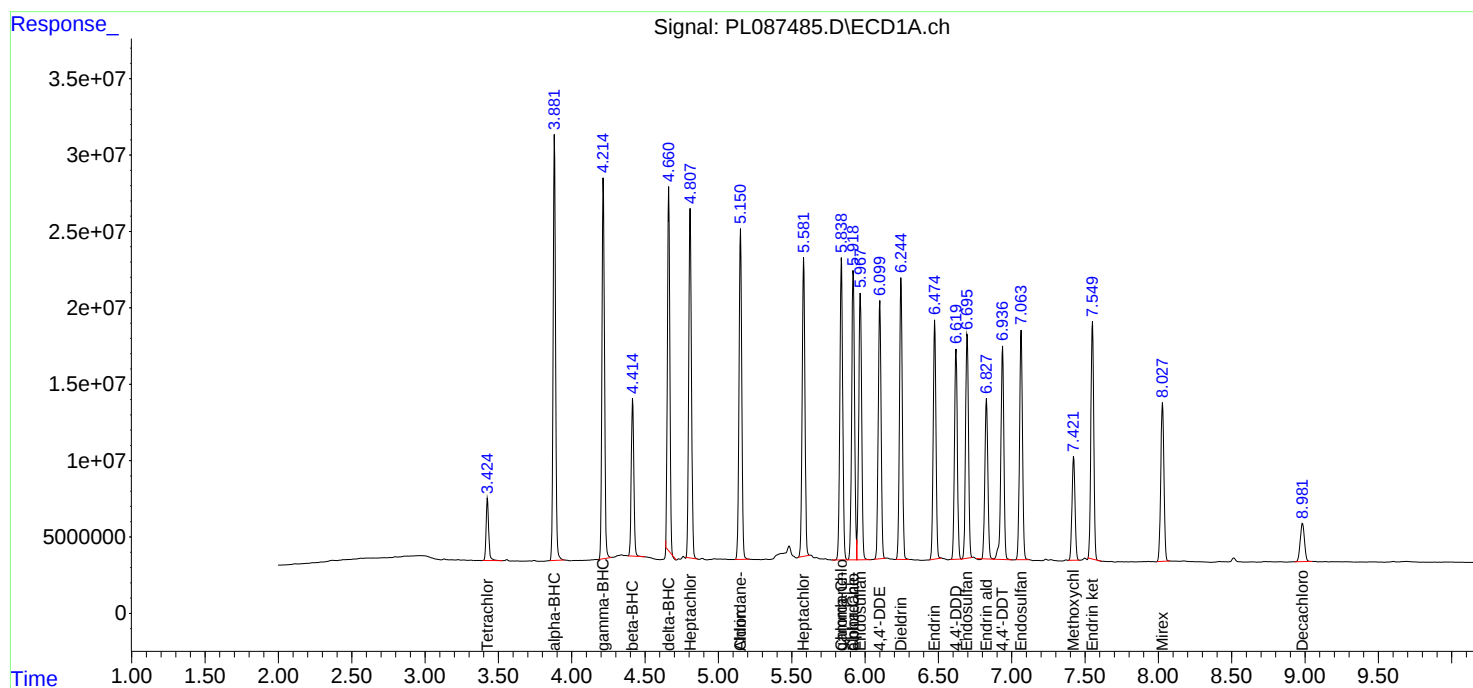
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

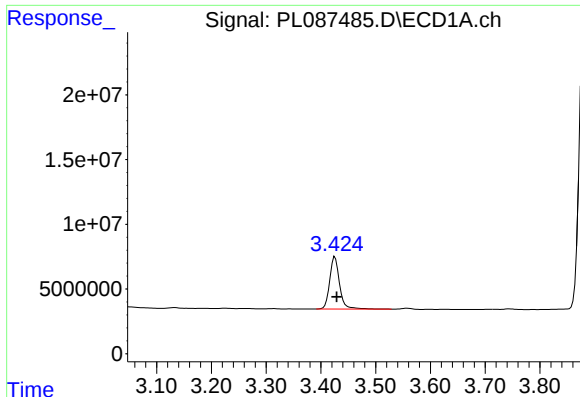
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
Data File : PL087485.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2023 13:59  
Operator : AR\AJ  
Sample : PB157995BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 20:29:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

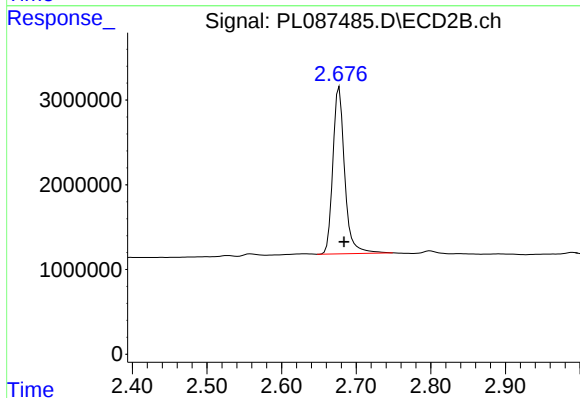




#1 Tetrachloro-m-xylene

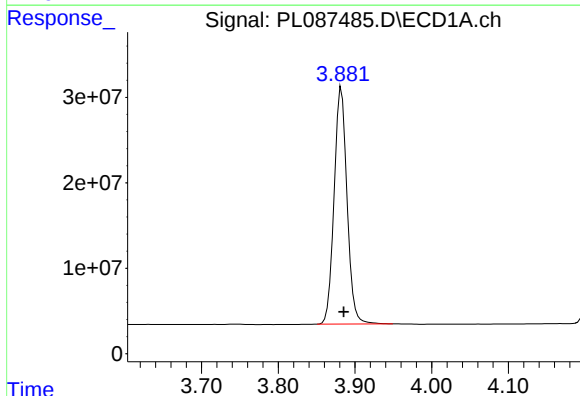
R.T.: 3.426 min  
Delta R.T.: -0.003 min  
Response: 50102134  
Conc: 13.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



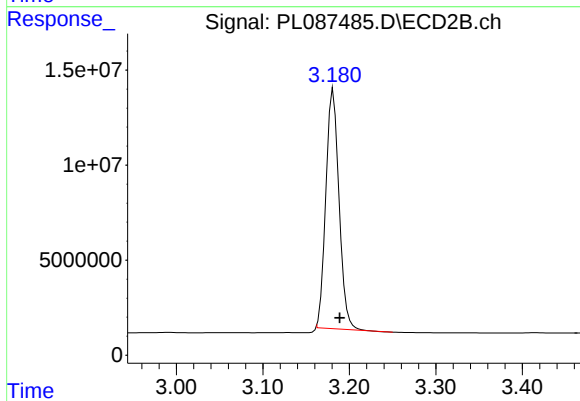
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 21745359  
Conc: 12.92 ng/ml



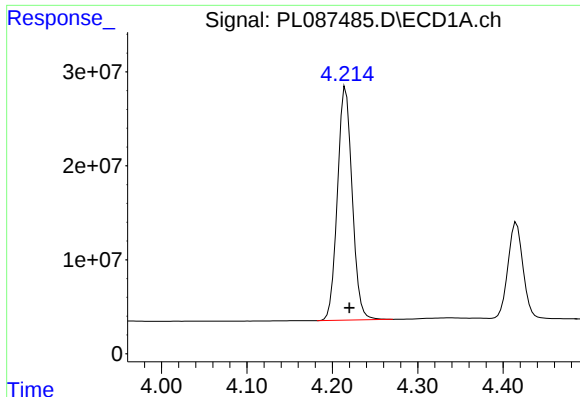
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.003 min  
Response: 324473323  
Conc: 59.93 ng/ml



#2 alpha-BHC

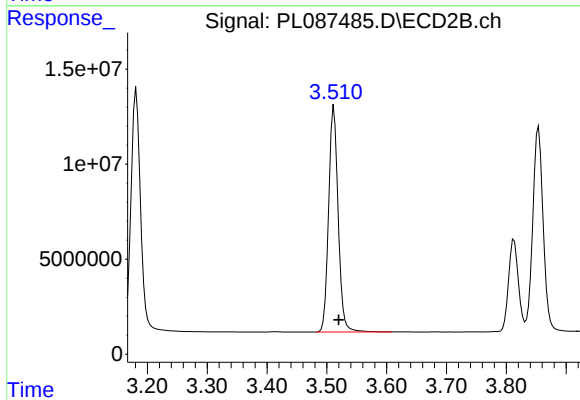
R.T.: 3.182 min  
Delta R.T.: -0.007 min  
Response: 133158031  
Conc: 54.18 ng/ml



#3 gamma-BHC (Lindane)

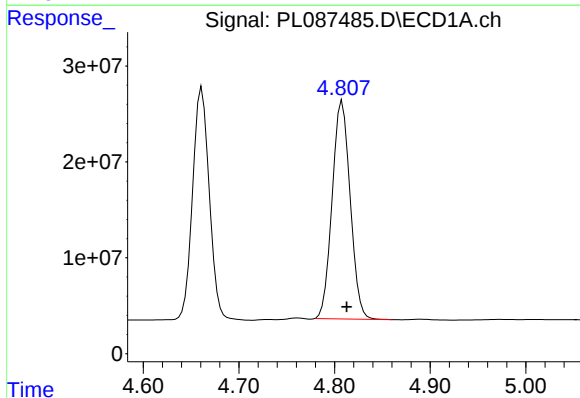
R.T.: 4.216 min  
Delta R.T.: -0.004 min  
Response: 297770348  
Conc: 56.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



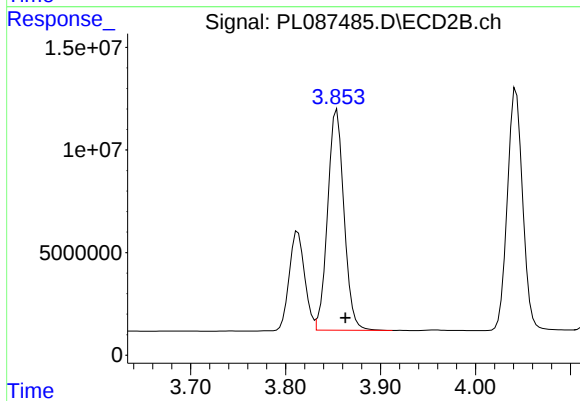
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: -0.008 min  
Response: 131210985  
Conc: 54.17 ng/ml



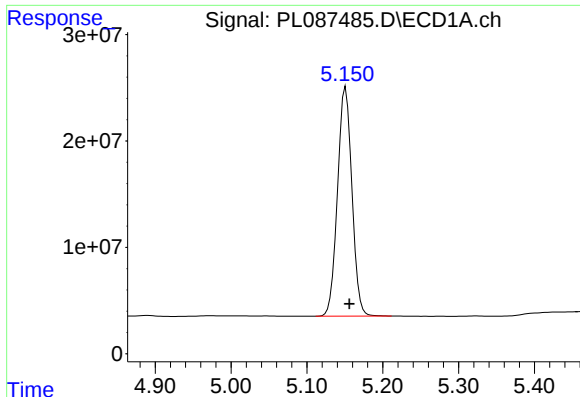
#4 Heptachlor

R.T.: 4.808 min  
Delta R.T.: -0.005 min  
Response: 297268057  
Conc: 55.81 ng/ml



#4 Heptachlor

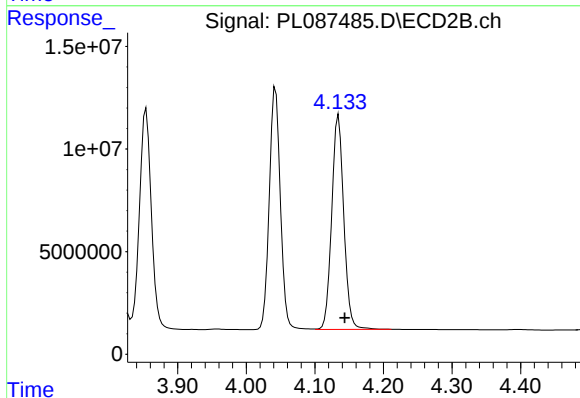
R.T.: 3.854 min  
Delta R.T.: -0.009 min  
Response: 128736391  
Conc: 53.86 ng/ml



#5 Aldrin

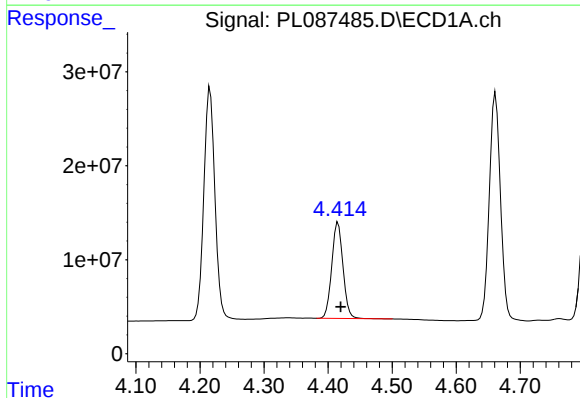
R.T.: 5.151 min  
Delta R.T.: -0.005 min  
Response: 284709900  
Conc: 54.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



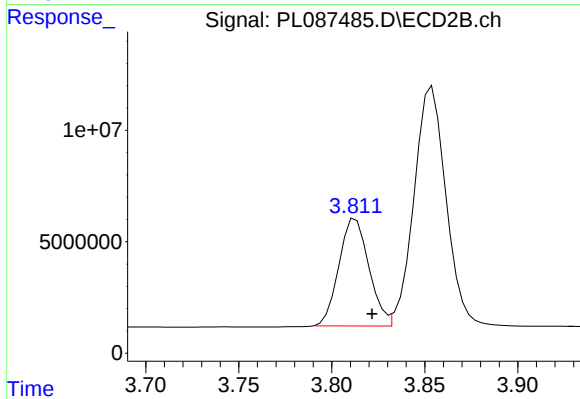
#5 Aldrin

R.T.: 4.134 min  
Delta R.T.: -0.009 min  
Response: 127681774  
Conc: 53.25 ng/ml



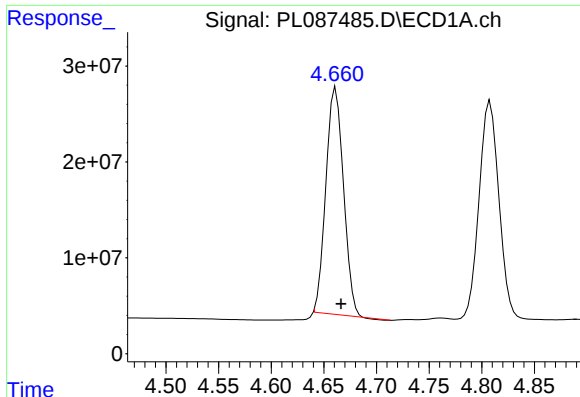
#6 beta-BHC

R.T.: 4.416 min  
Delta R.T.: -0.004 min  
Response: 124963748  
Conc: 54.41 ng/ml



#6 beta-BHC

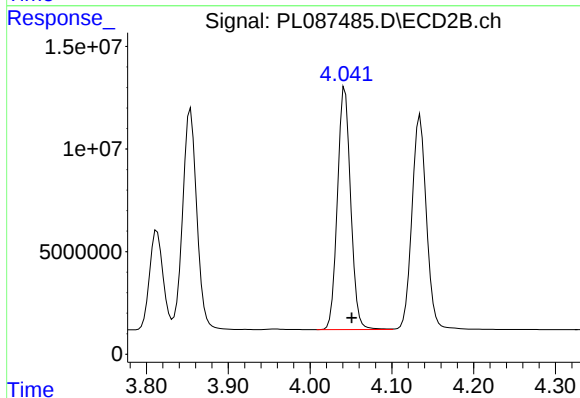
R.T.: 3.813 min  
Delta R.T.: -0.009 min  
Response: 54118986  
Conc: 51.99 ng/ml



#7 delta-BHC

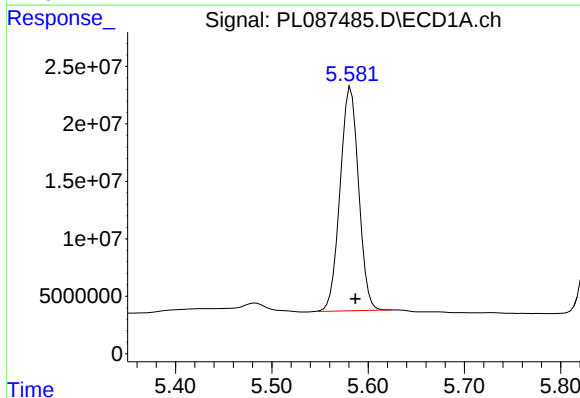
R.T.: 4.661 min  
Delta R.T.: -0.005 min  
Response: 274601834  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



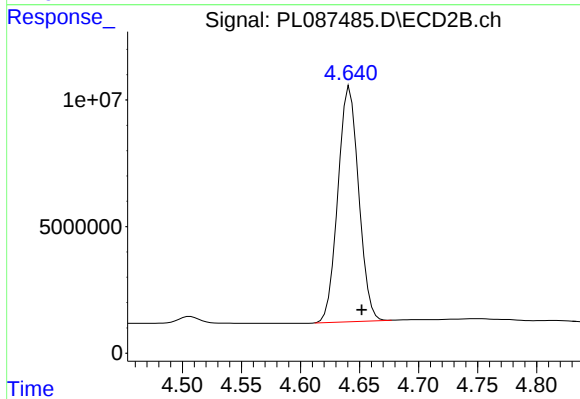
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.008 min  
Response: 132542078  
Conc: 54.18 ng/ml



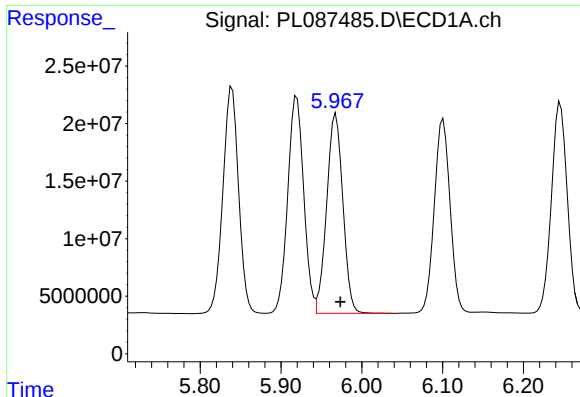
#8 Heptachlor epoxide

R.T.: 5.582 min  
Delta R.T.: -0.005 min  
Response: 259622552  
Conc: 55.09 ng/ml



#8 Heptachlor epoxide

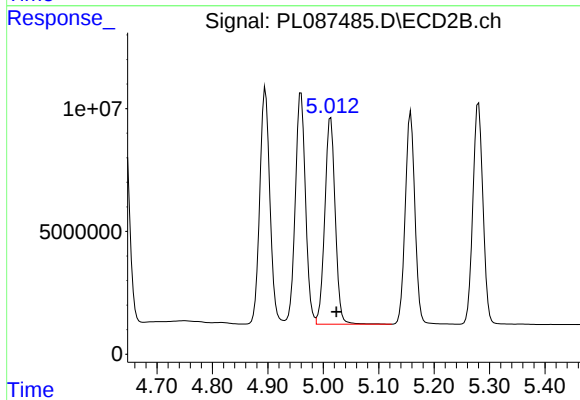
R.T.: 4.642 min  
Delta R.T.: -0.010 min  
Response: 113633387  
Conc: 51.06 ng/ml



#9 Endosulfan I

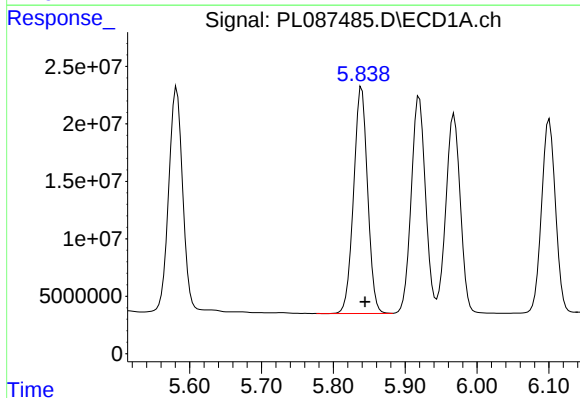
R.T.: 5.968 min  
Delta R.T.: -0.005 min  
Response: 241689855  
Conc: 54.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



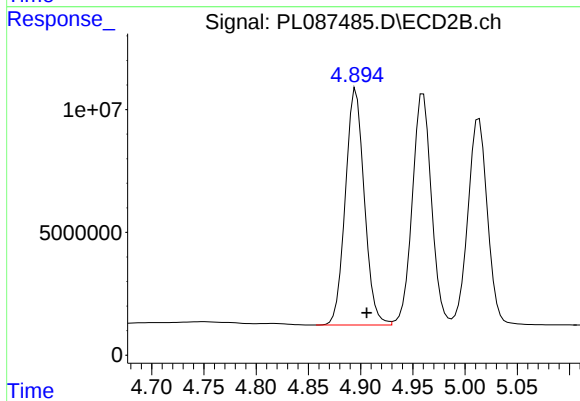
#9 Endosulfan I

R.T.: 5.013 min  
Delta R.T.: -0.010 min  
Response: 110177809  
Conc: 50.98 ng/ml



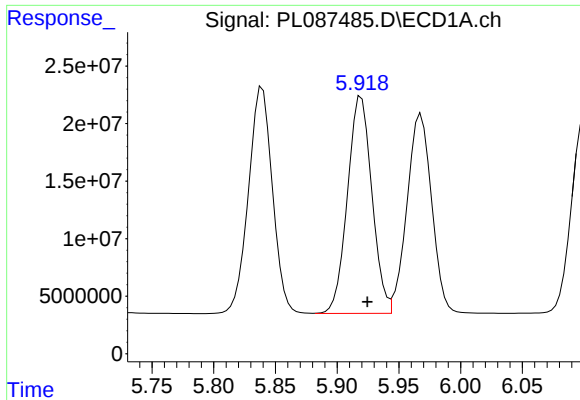
#10 gamma-Chlordane

R.T.: 5.839 min  
Delta R.T.: -0.004 min  
Response: 266093174  
Conc: 54.89 ng/ml



#10 gamma-Chlordane

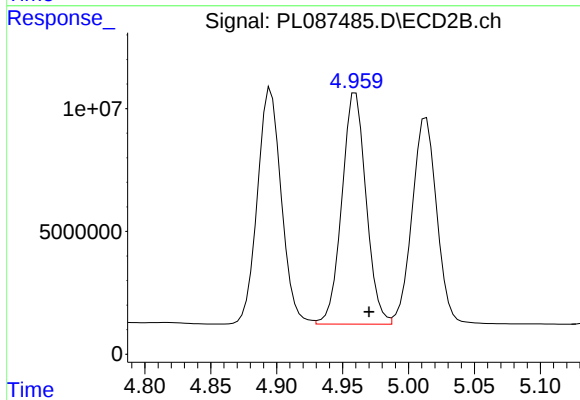
R.T.: 4.896 min  
Delta R.T.: -0.010 min  
Response: 121289779  
Conc: 53.03 ng/ml



#11 alpha-Chlordane

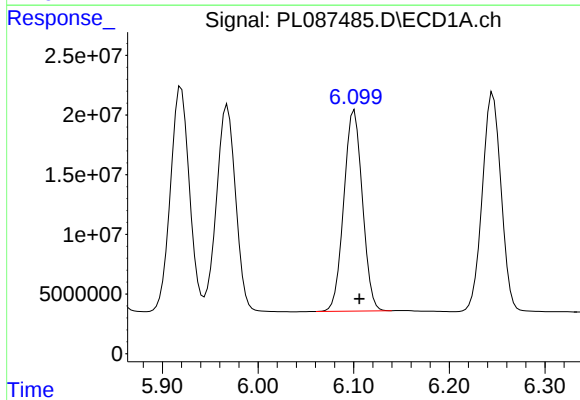
R.T.: 5.920 min  
Delta R.T.: -0.005 min  
Response: 260190294  
Conc: 54.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



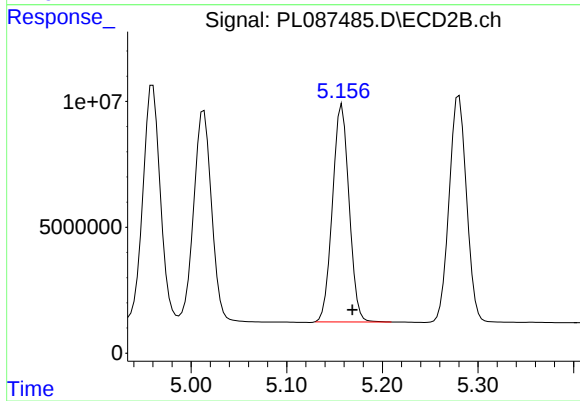
#11 alpha-Chlordane

R.T.: 4.960 min  
Delta R.T.: -0.010 min  
Response: 120403542  
Conc: 52.17 ng/ml



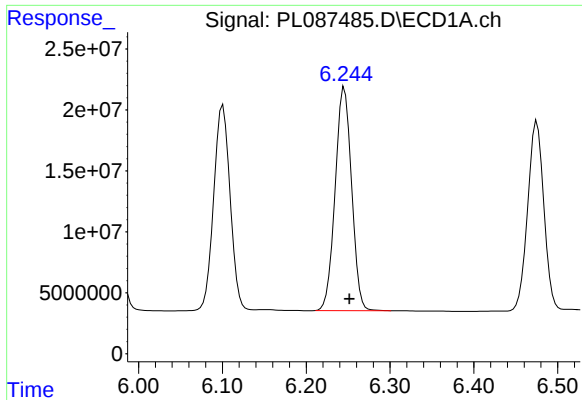
#12 4,4'-DDE

R.T.: 6.101 min  
Delta R.T.: -0.005 min  
Response: 227858621  
Conc: 54.98 ng/ml



#12 4,4'-DDE

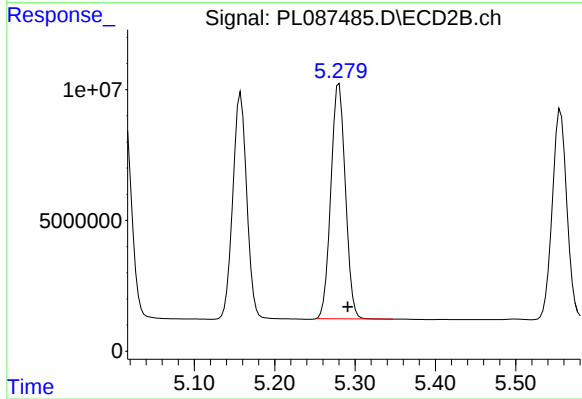
R.T.: 5.158 min  
Delta R.T.: -0.011 min  
Response: 103928506  
Conc: 52.34 ng/ml



#13 Dieldrin

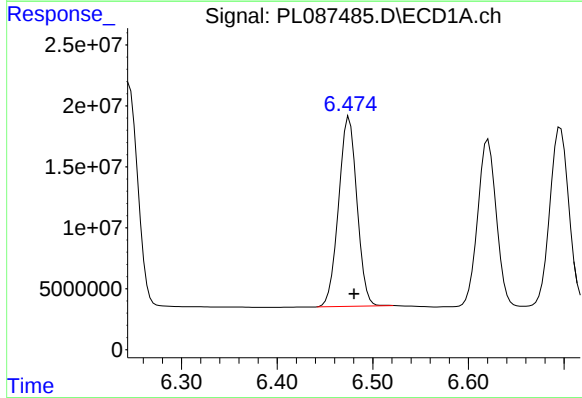
R.T.: 6.246 min  
Delta R.T.: -0.006 min  
Response: 249830662  
Conc: 53.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



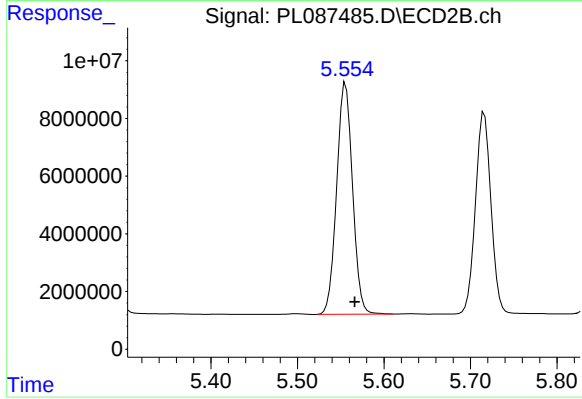
#13 Dieldrin

R.T.: 5.280 min  
Delta R.T.: -0.011 min  
Response: 112834734  
Conc: 50.65 ng/ml



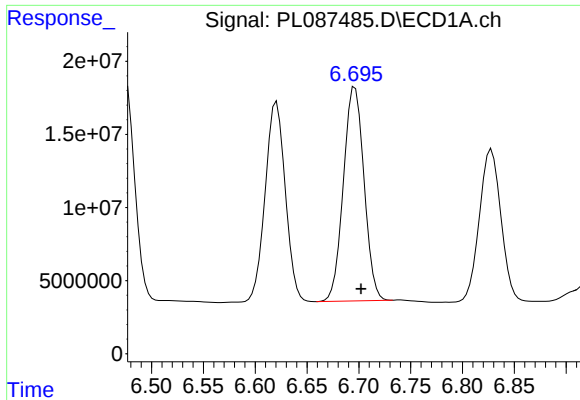
#14 Endrin

R.T.: 6.475 min  
Delta R.T.: -0.005 min  
Response: 207823608  
Conc: 54.02 ng/ml



#14 Endrin

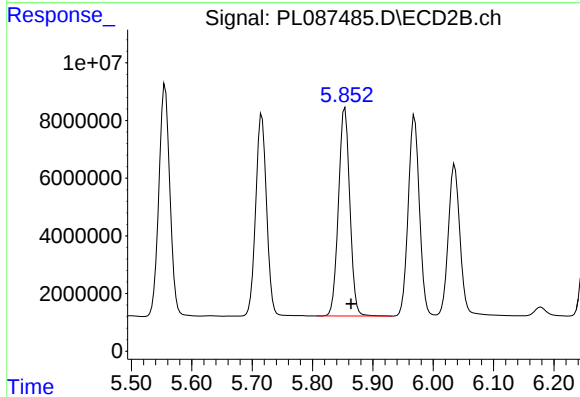
R.T.: 5.556 min  
Delta R.T.: -0.010 min  
Response: 101873446  
Conc: 51.05 ng/ml



#15 Endosulfan II

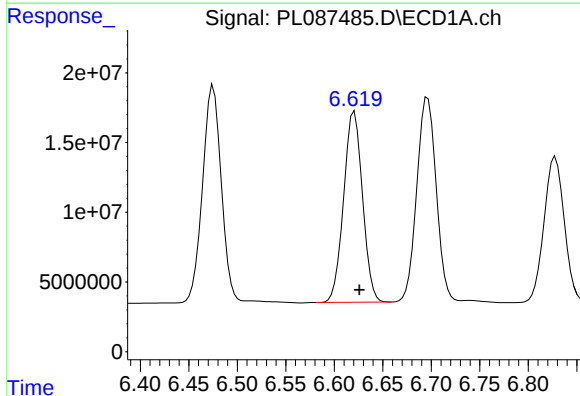
R.T.: 6.696 min  
Delta R.T.: -0.006 min  
Response: 202751088  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



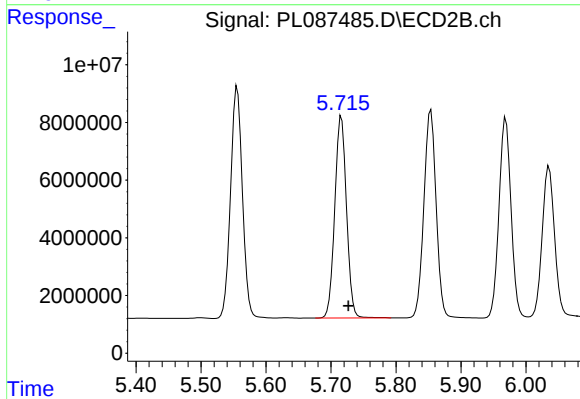
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: -0.010 min  
Response: 94323388  
Conc: 48.45 ng/ml



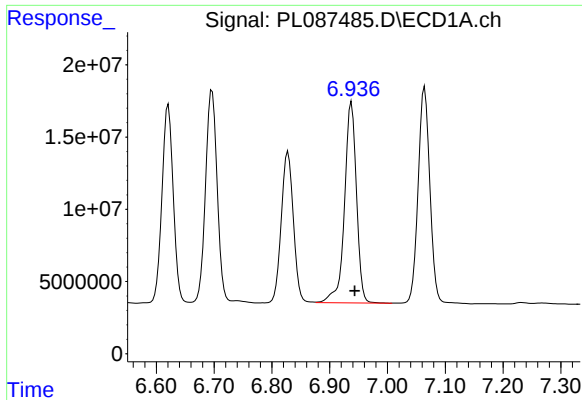
#16 4,4'-DDD

R.T.: 6.621 min  
Delta R.T.: -0.005 min  
Response: 184965249  
Conc: 55.96 ng/ml



#16 4,4'-DDD

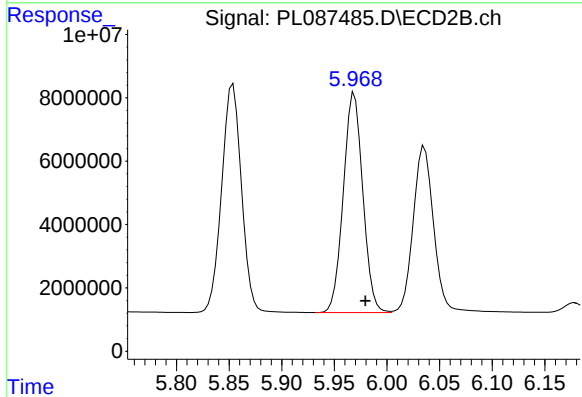
R.T.: 5.716 min  
Delta R.T.: -0.011 min  
Response: 87561334  
Conc: 52.88 ng/ml



#17 4,4'-DDT

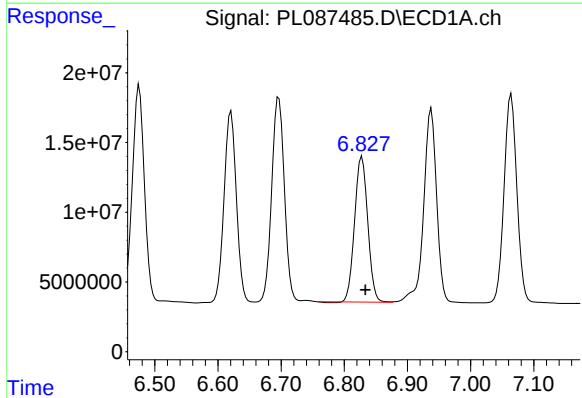
R.T.: 6.938 min  
Delta R.T.: -0.006 min  
Response: 198330160  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



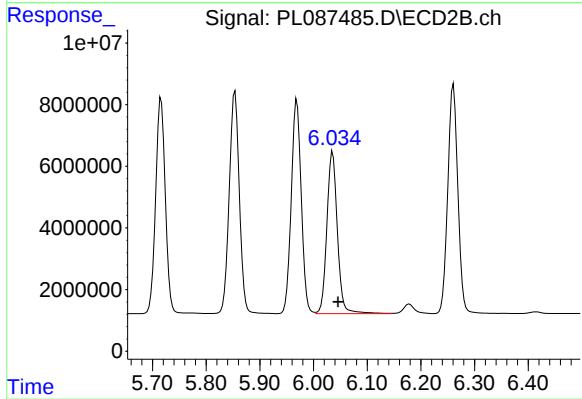
#17 4,4'-DDT

R.T.: 5.969 min  
Delta R.T.: -0.011 min  
Response: 89684440  
Conc: 48.63 ng/ml



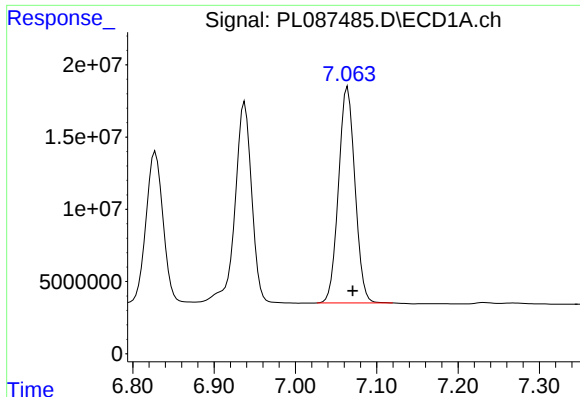
#18 Endrin aldehyde

R.T.: 6.828 min  
Delta R.T.: -0.005 min  
Response: 150130448  
Conc: 51.80 ng/ml



#18 Endrin aldehyde

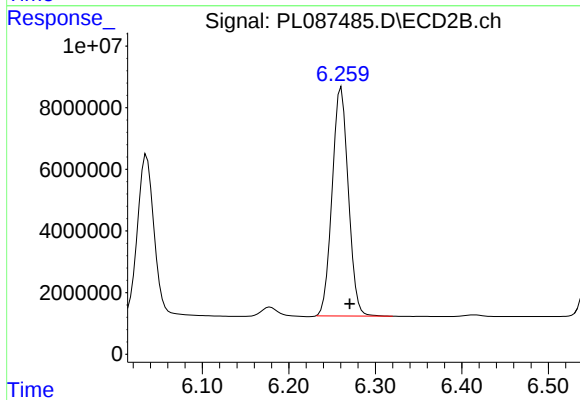
R.T.: 6.036 min  
Delta R.T.: -0.010 min  
Response: 71589641  
Conc: 48.78 ng/ml



#19 Endosulfan Sulfate

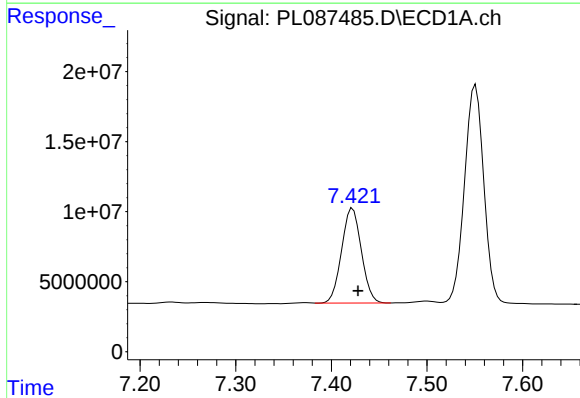
R.T.: 7.064 min  
Delta R.T.: -0.006 min  
Response: 210158230  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



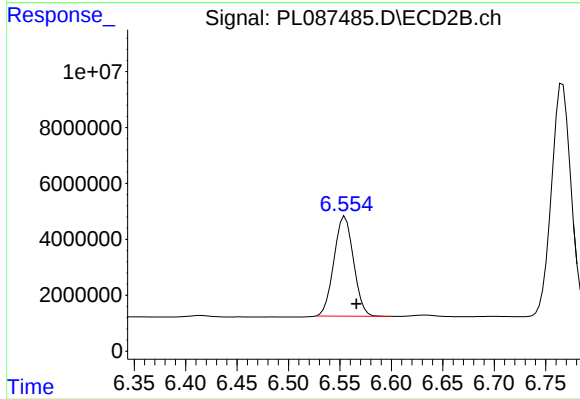
#19 Endosulfan Sulfate

R.T.: 6.261 min  
Delta R.T.: -0.010 min  
Response: 96127314  
Conc: 51.03 ng/ml



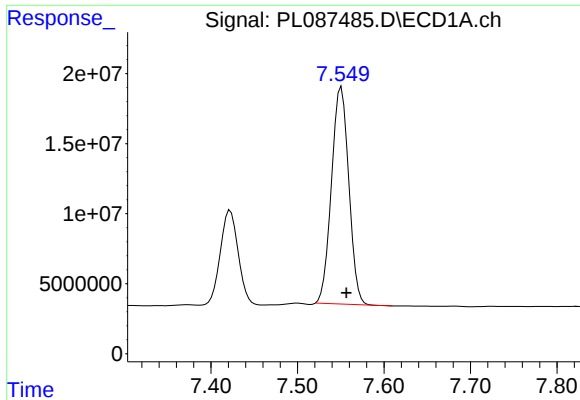
#20 Methoxychlor

R.T.: 7.422 min  
Delta R.T.: -0.006 min  
Response: 97334534  
Conc: 49.92 ng/ml



#20 Methoxychlor

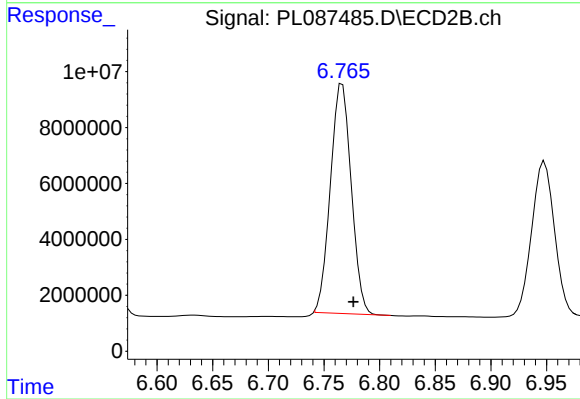
R.T.: 6.555 min  
Delta R.T.: -0.011 min  
Response: 47224752  
Conc: 46.24 ng/ml



#21 Endrin ketone

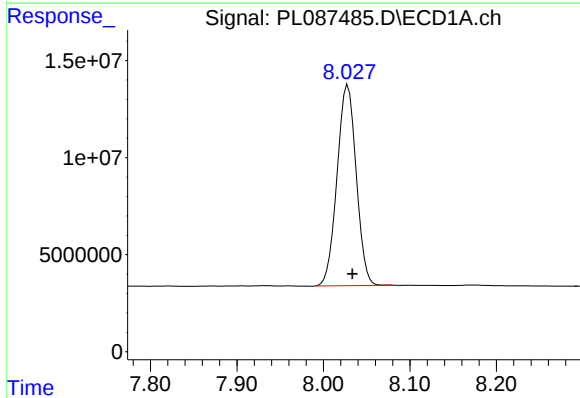
R.T.: 7.551 min  
Delta R.T.: -0.006 min  
Response: 214638746  
Conc: 52.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



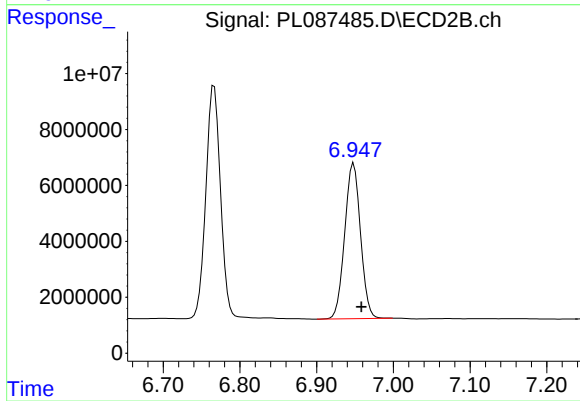
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.010 min  
Response: 106931505  
Conc: 50.23 ng/ml



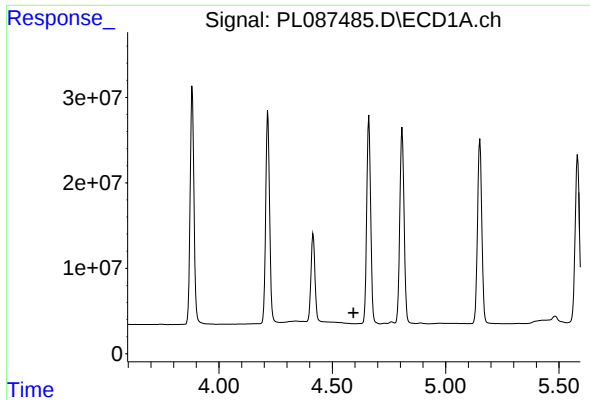
#22 Mirex

R.T.: 8.028 min  
Delta R.T.: -0.005 min  
Response: 158356685  
Conc: 47.02 ng/ml



#22 Mirex

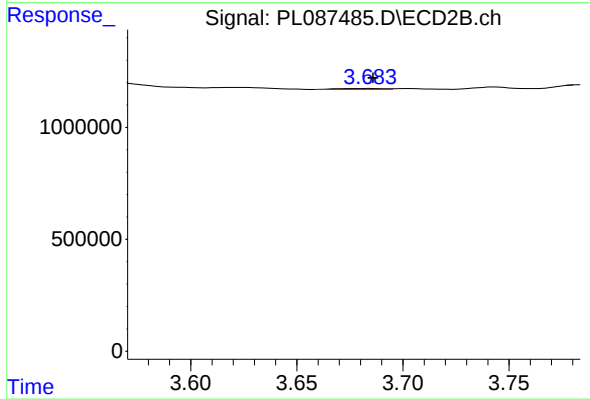
R.T.: 6.948 min  
Delta R.T.: -0.010 min  
Response: 79962999  
Conc: 44.95 ng/ml



#23 Chlordane-1

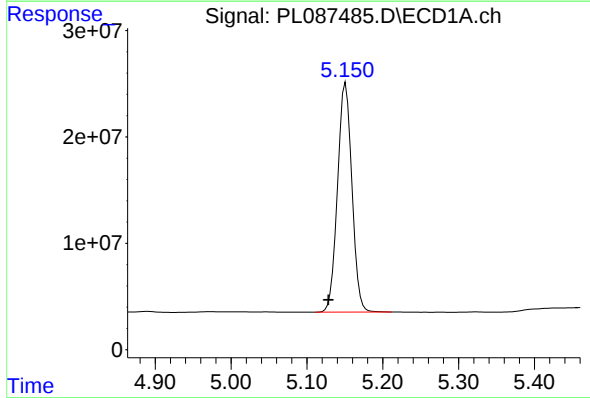
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



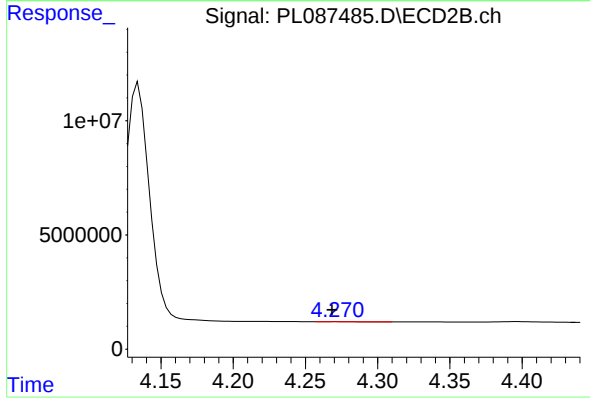
#23 Chlordane-1

R.T.: 3.685 min  
Delta R.T.: -0.001 min  
Response: 64908  
Conc: 1.05 ng/ml



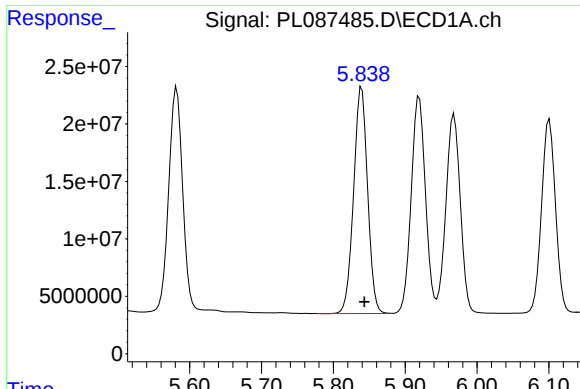
#24 Chlordane-2

R.T.: 5.151 min  
Delta R.T.: 0.023 min  
Response: 284709900  
Conc: 1634.49 ng/ml



#24 Chlordane-2

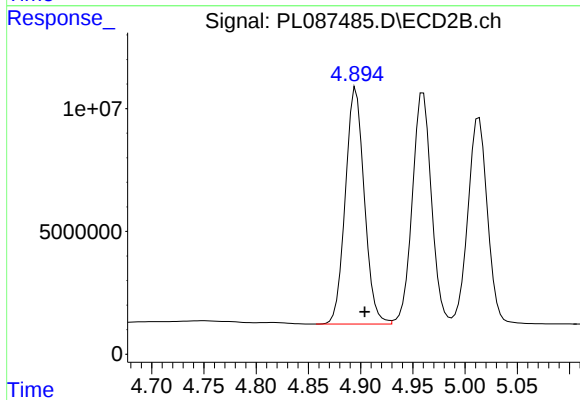
R.T.: 4.271 min  
Delta R.T.: 0.003 min  
Response: 57482  
Conc: 0.75 ng/ml



#25 Chlordane-3

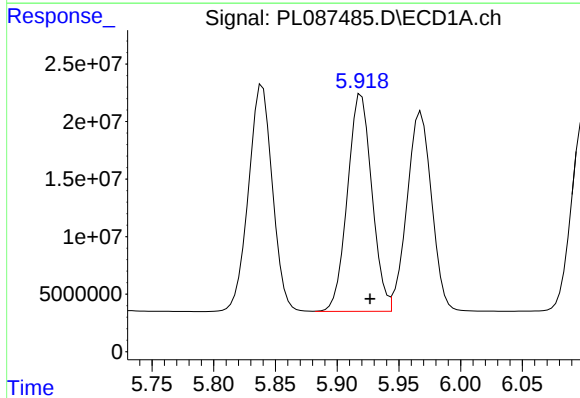
R.T.: 5.839 min  
Delta R.T.: -0.004 min  
Response: 266093174  
Conc: 381.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



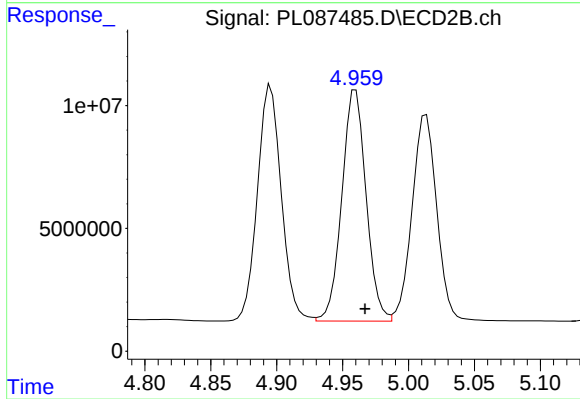
#25 Chlordane-3

R.T.: 4.896 min  
Delta R.T.: -0.008 min  
Response: 121289779  
Conc: 548.66 ng/ml



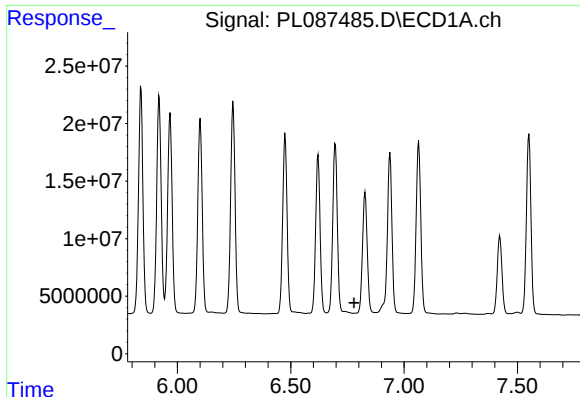
#26 Chlordane-4

R.T.: 5.920 min  
Delta R.T.: -0.007 min  
Response: 260190294  
Conc: 304.29 ng/ml



#26 Chlordane-4

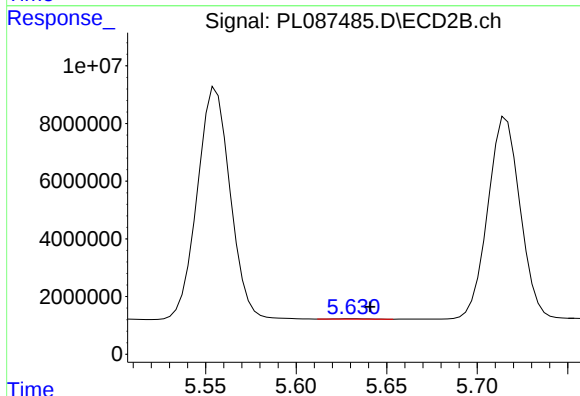
R.T.: 4.960 min  
Delta R.T.: -0.007 min  
Response: 120403542  
Conc: 517.16 ng/ml



#27 Chlordane-5

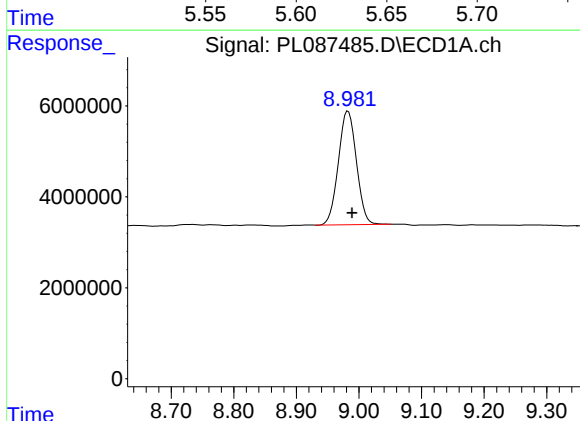
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



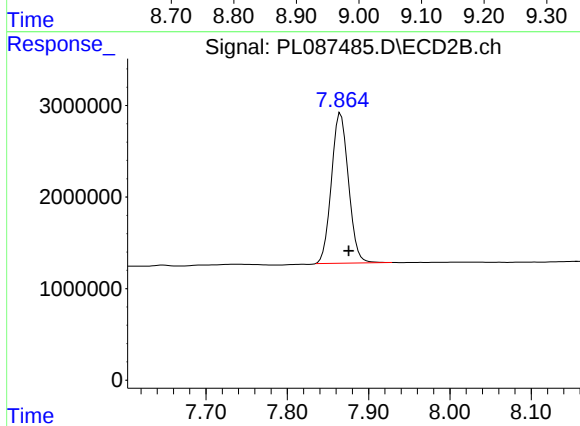
#27 Chlordane-5

R.T.: 5.631 min  
Delta R.T.: -0.010 min  
Response: 124643  
Conc: 1.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.983 min  
Delta R.T.: -0.007 min  
Response: 50310962  
Conc: 14.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.010 min  
Response: 23946824  
Conc: 14.18 ng/ml