

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102323\  
 Data File : PL086089.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2023 11:42  
 Operator : AR\AJ  
 Sample : PB156525BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 21:33:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.355  | 2.622 | 48630384 | 14557803 | 16.351  | 15.585    |
| 28)                         | SA Decachlor... | 8.855  | 7.772 | 53412953 | 23616317 | 24.523  | 25.587    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.809  | 3.119 | 37252576 | 10157704 | 8.680   | 8.074     |
| 3)                          | MA gamma-BHC... | 4.141  | 3.447 | 35659240 | 10493815 | 8.627   | 8.508     |
| 4)                          | MA Heptachlor   | 4.727  | 3.783 | 40711041 | 11808532 | 10.526  | 10.153    |
| 5)                          | MB Aldrin       | 5.066  | 4.059 | 35146395 | 10459936 | 9.067   | 9.354     |
| 6)                          | B beta-BHC      | 4.344  | 3.749 | 19084541 | 5575560  | 11.541  | 10.710    |
| 7)                          | B delta-BHC     | 4.586  | 3.974 | 36916058 | 9945807  | 9.628   | 8.656     |
| 8)                          | B Heptachlo...  | 5.497  | 4.564 | 33692507 | 10492572 | 9.766   | 10.447    |
| 9)                          | A Endosulfan I  | 5.880  | 4.932 | 36913207 | 10585839 | 11.414  | 9.868     |
| 10)                         | B gamma-Chl...  | 5.754  | 4.816 | 41232757 | 12431750 | 12.051  | 12.552    |
| 11)                         | B alpha-Chl...  | 5.834  | 4.880 | 38811920 | 11823119 | 11.356  | 10.840    |
| 12)                         | B 4,4'-DDE      | 6.017  | 5.079 | 31599609 | 8773096  | 11.300  | 10.684    |
| 13)                         | MA Dieldrin     | 6.158  | 5.197 | 31046879 | 9303045  | 9.448   | 9.589     |
| 14)                         | MA Endrin       | 6.386  | 5.471 | 34725115 | 9300805  | 12.185  | 10.346    |
| 15)                         | B Endosulfa...  | 6.608  | 5.769 | 32895518 | 9322922  | 11.938  | 9.804     |
| 16)                         | A 4,4'-DDD      | 6.536  | 5.635 | 28241014 | 7611366  | 14.018  | 10.935    |
| 17)                         | MA 4,4'-DDT     | 6.851  | 5.885 | 24502645 | 8191368  | 10.395  | 10.359    |
| 18)                         | B Endrin al...  | 6.740  | 5.951 | 20537523 | 8719650  | 10.133  | 11.693    |
| 19)                         | B Endosulfa...  | 6.976  | 6.175 | 27815074 | 9820590  | 11.083  | 10.886    |
| 20)                         | A Methoxychlor  | 7.336  | 6.470 | 16253830 | 5533703  | 11.638  | 10.519    |
| 21)                         | B Endrin ke...  | 7.458  | 6.677 | 28555876 | 10546114 | 9.914   | 9.175     |
| 22)                         | Mirex           | 7.931  | 6.854 | 28673949 | 13046619 | 12.951  | 13.833    |
| 24)                         | Chlordane-2     | 5.066f | 0.000 | 35146395 | 0        | 270.266 | N.D. #    |
| 25)                         | Chlordane-3     | 5.754  | 4.816 | 41232757 | 12431750 | 80.817  | 123.029 # |
| 26)                         | Chlordane-4     | 5.834  | 4.880 | 38811920 | 11823119 | 61.175  | 102.113 # |
| -----                       |                 |        |       |          |          |         |           |

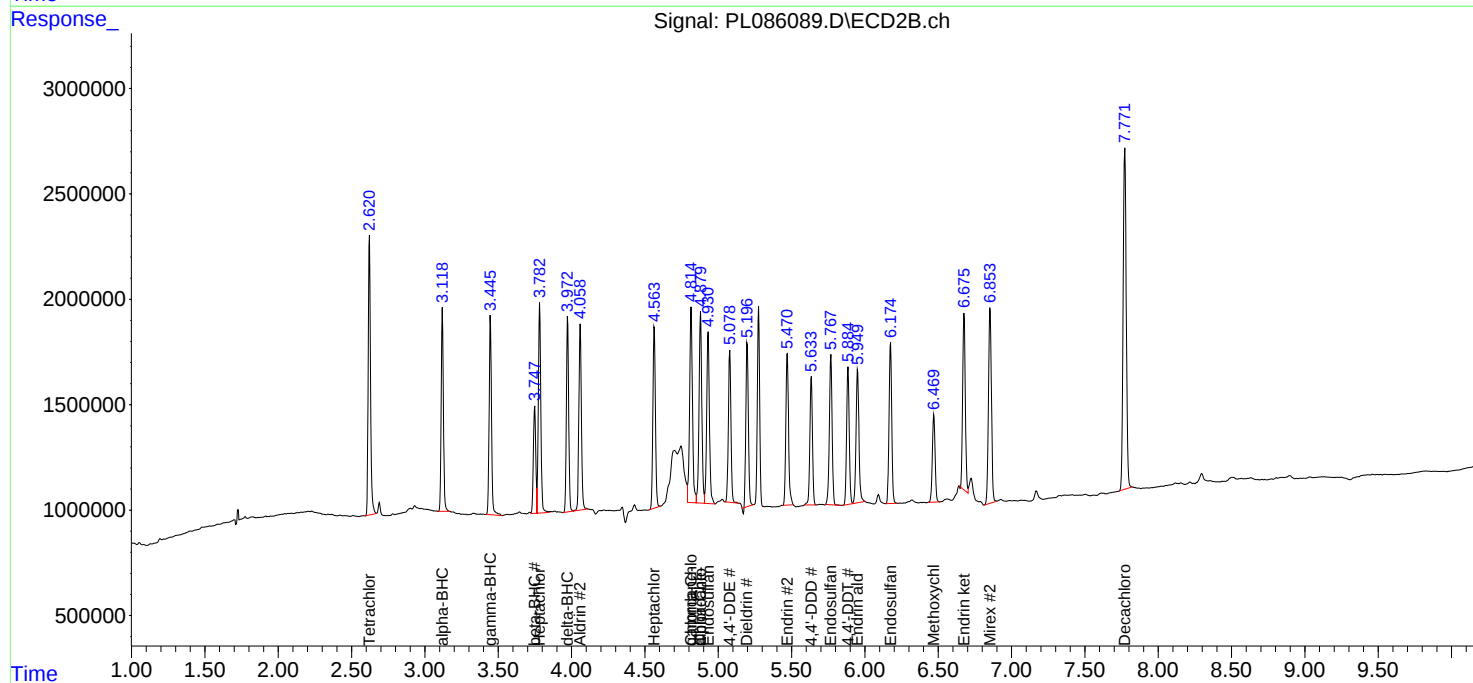
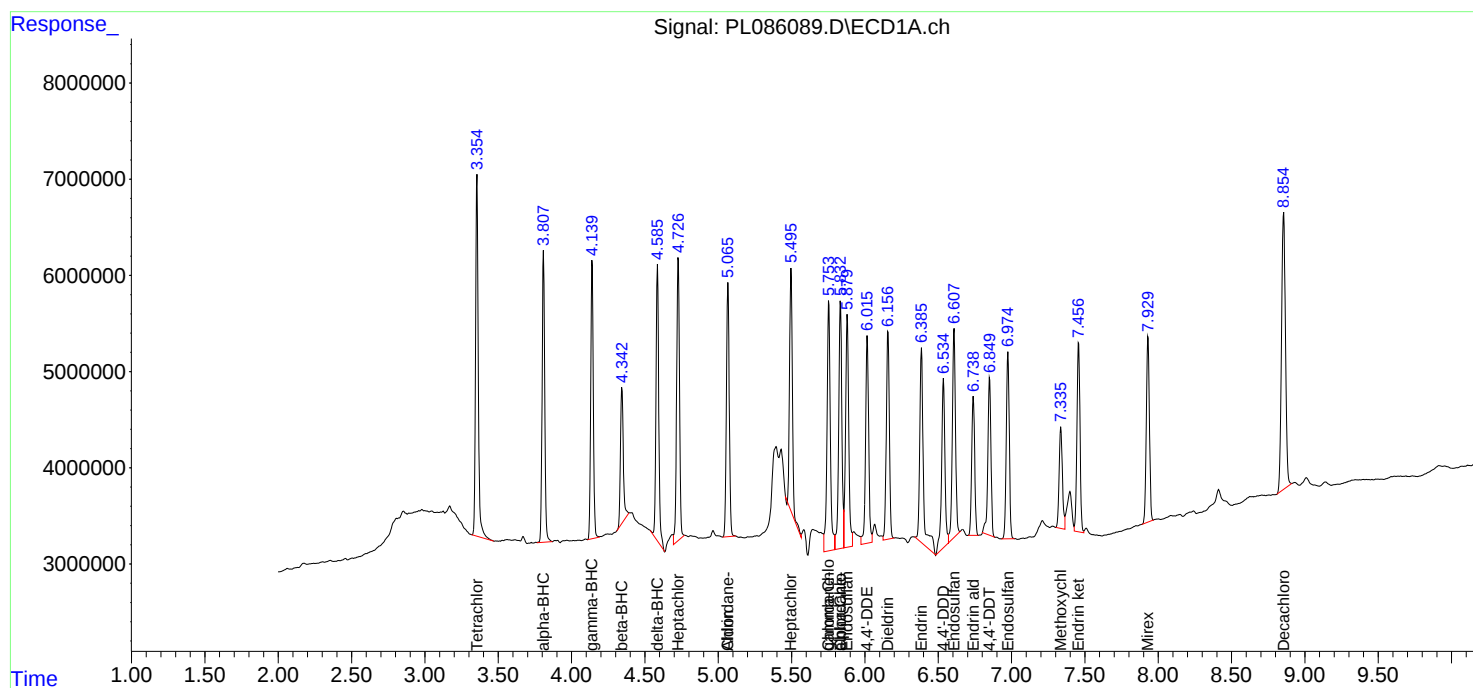
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

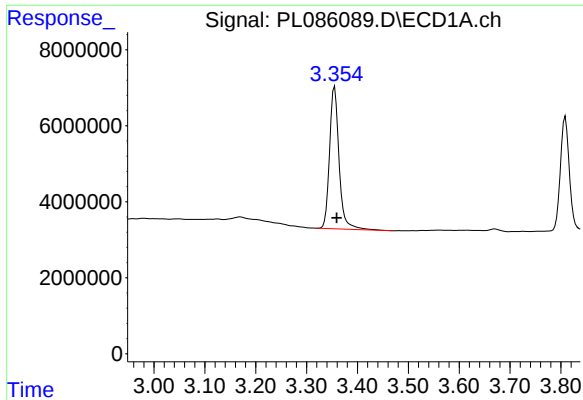
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102323\  
Data File : PL086089.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2023 11:42  
Operator : AR\AJ  
Sample : PB156525BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 21:33:14 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
Response via : Initial Calibration  
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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

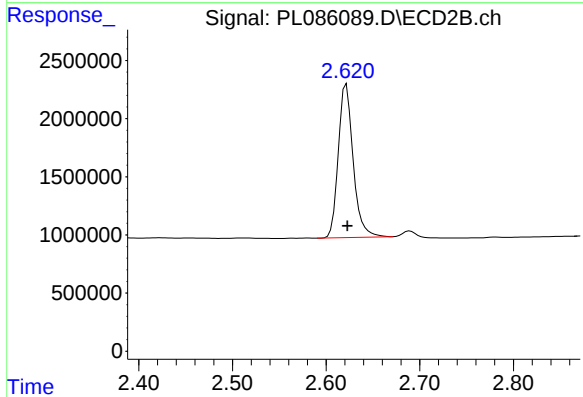




#1 Tetrachloro-m-xylene

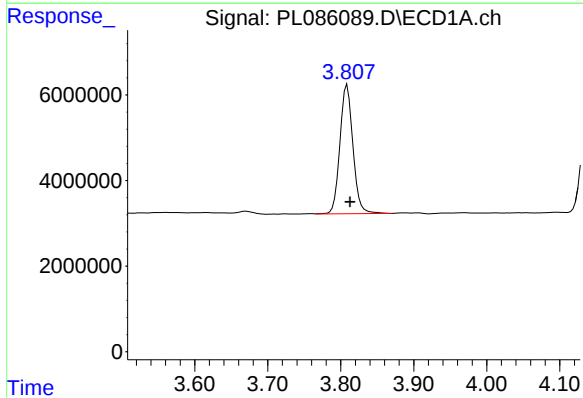
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 48630384  
Conc: 16.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



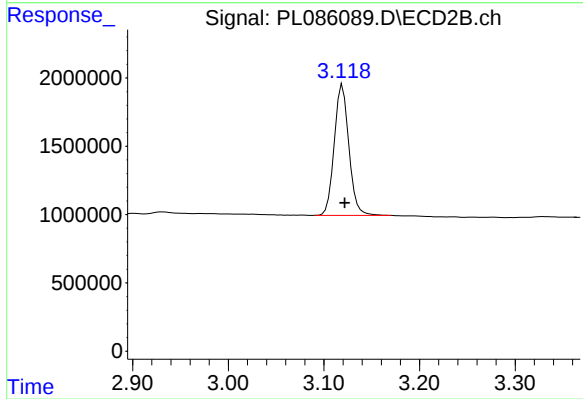
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: -0.001 min  
Response: 14557803  
Conc: 15.58 ng/ml



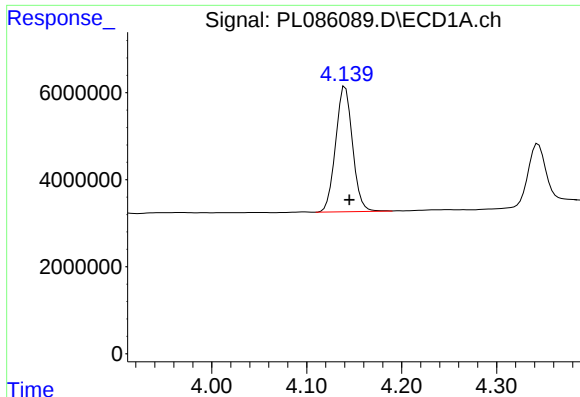
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: -0.004 min  
Response: 37252576  
Conc: 8.68 ng/ml



#2 alpha-BHC

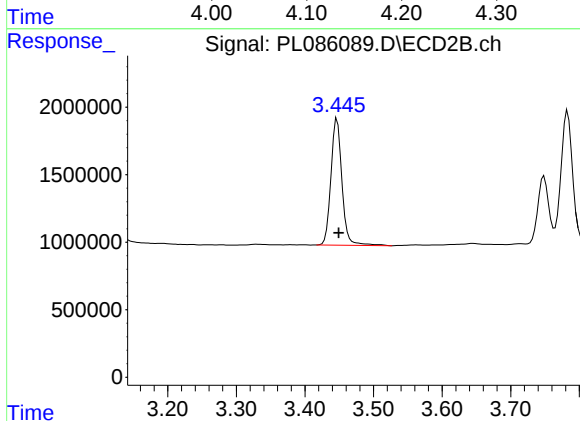
R.T.: 3.119 min  
Delta R.T.: -0.002 min  
Response: 10157704  
Conc: 8.07 ng/ml



#3 gamma-BHC (Lindane)

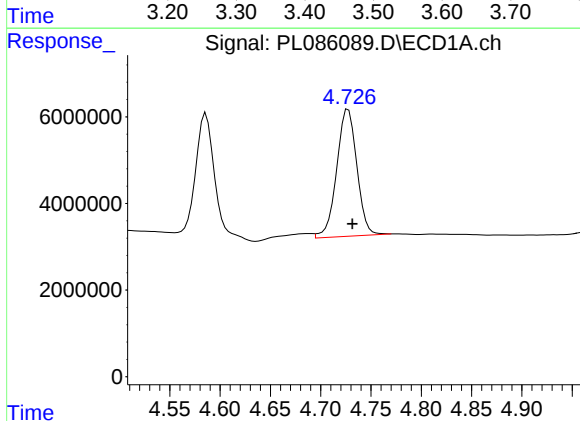
R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 35659240  
Conc: 8.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



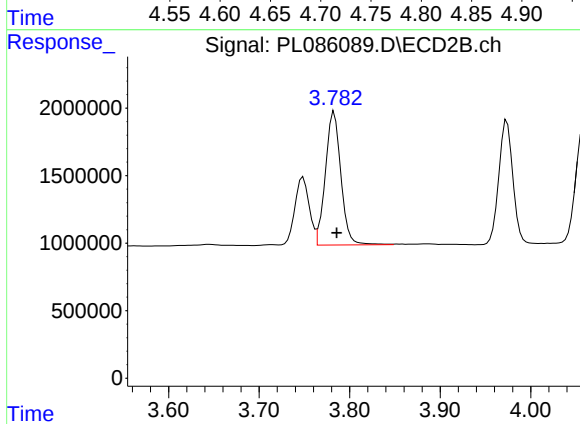
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: -0.002 min  
Response: 10493815  
Conc: 8.51 ng/ml



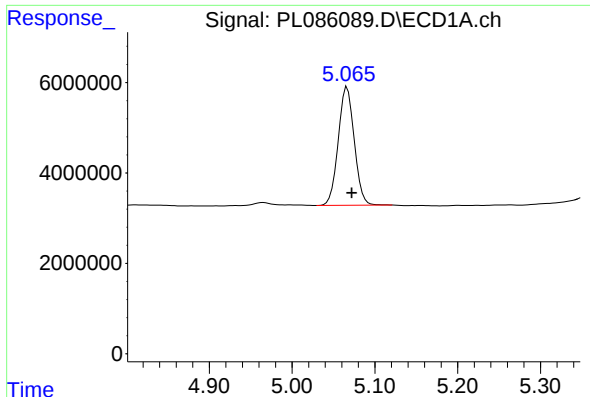
#4 Heptachlor

R.T.: 4.727 min  
Delta R.T.: -0.004 min  
Response: 40711041  
Conc: 10.53 ng/ml



#4 Heptachlor

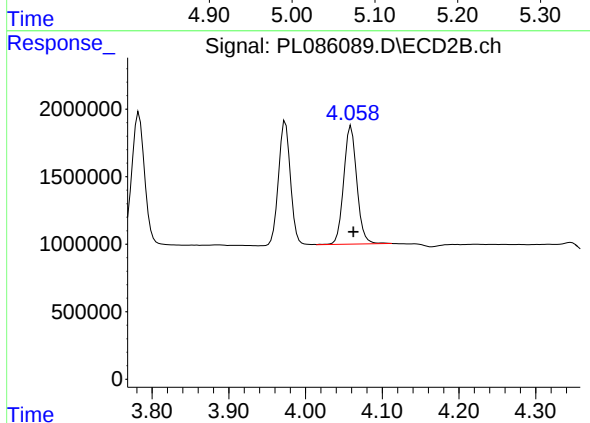
R.T.: 3.783 min  
Delta R.T.: -0.003 min  
Response: 11808532  
Conc: 10.15 ng/ml



#5 Aldrin

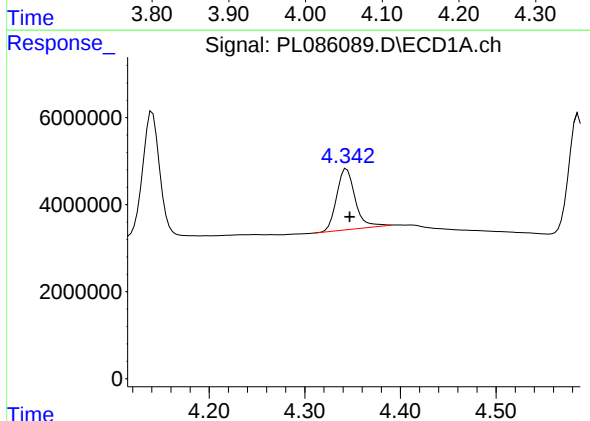
R.T.: 5.066 min  
Delta R.T.: -0.005 min  
Response: 35146395  
Conc: 9.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



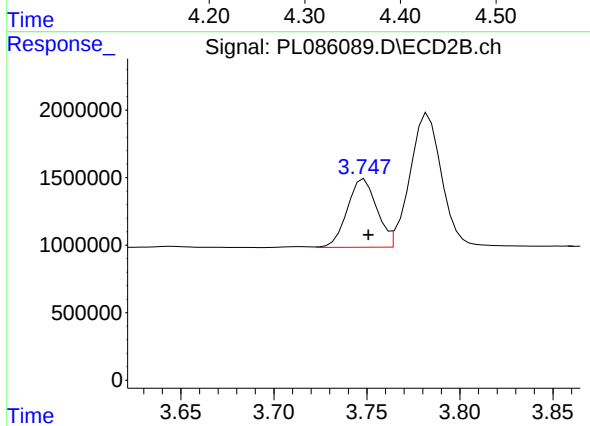
#5 Aldrin

R.T.: 4.059 min  
Delta R.T.: -0.003 min  
Response: 10459936  
Conc: 9.35 ng/ml



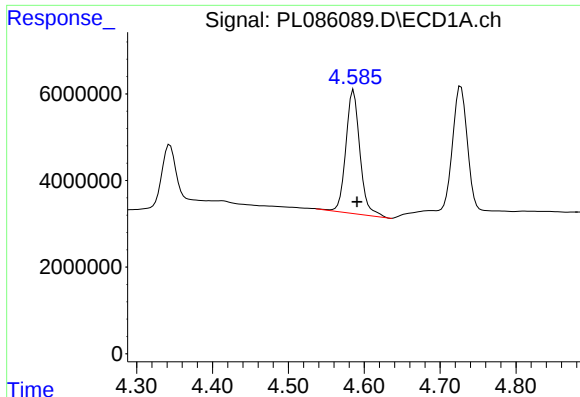
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: -0.003 min  
Response: 19084541  
Conc: 11.54 ng/ml



#6 beta-BHC

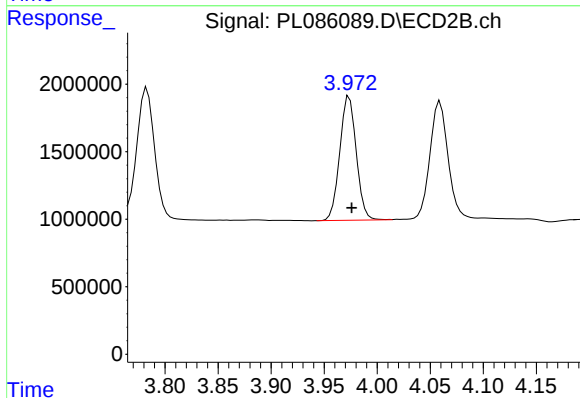
R.T.: 3.749 min  
Delta R.T.: -0.002 min  
Response: 5575560  
Conc: 10.71 ng/ml



#7 delta-BHC

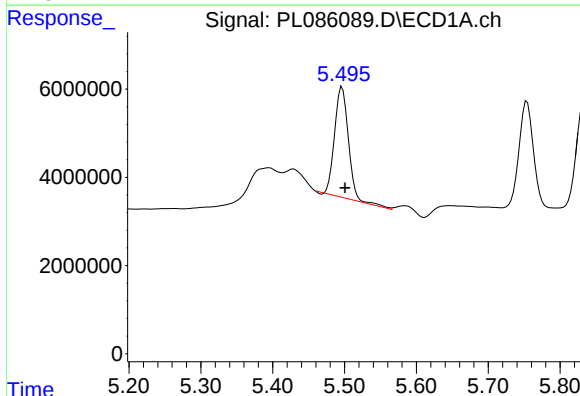
R.T.: 4.586 min  
Delta R.T.: -0.004 min  
Response: 36916058  
Conc: 9.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



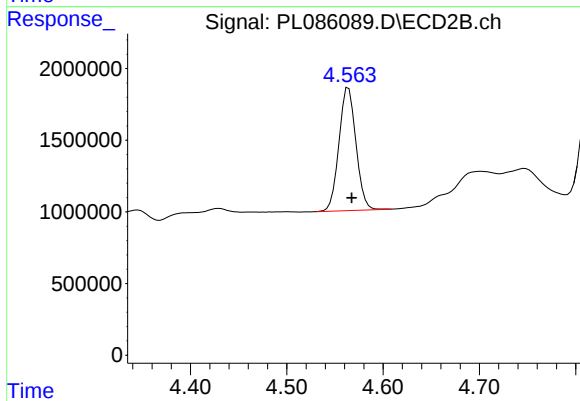
#7 delta-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 9945807  
Conc: 8.66 ng/ml



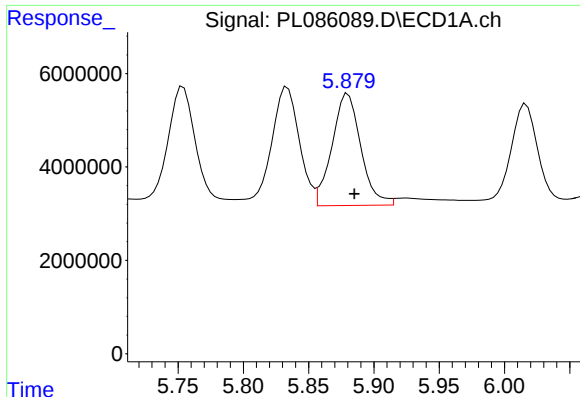
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: -0.004 min  
Response: 33692507  
Conc: 9.77 ng/ml



#8 Heptachlor epoxide

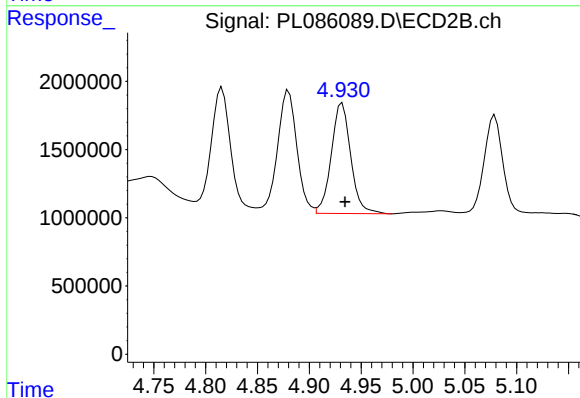
R.T.: 4.564 min  
Delta R.T.: -0.003 min  
Response: 10492572  
Conc: 10.45 ng/ml



#9 Endosulfan I

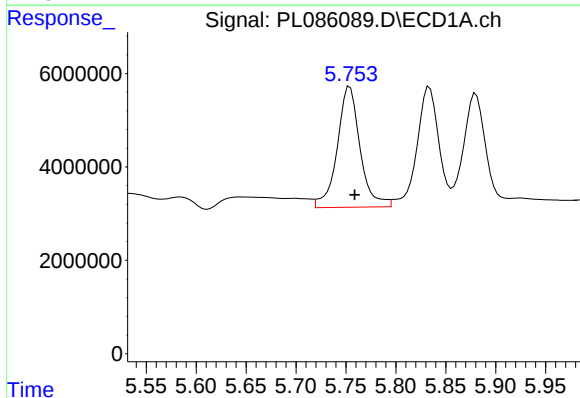
R.T.: 5.880 min  
Delta R.T.: -0.005 min  
Response: 36913207  
Conc: 11.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



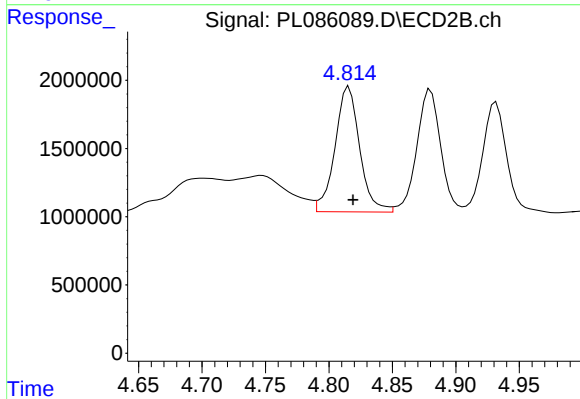
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.003 min  
Response: 10585839  
Conc: 9.87 ng/ml



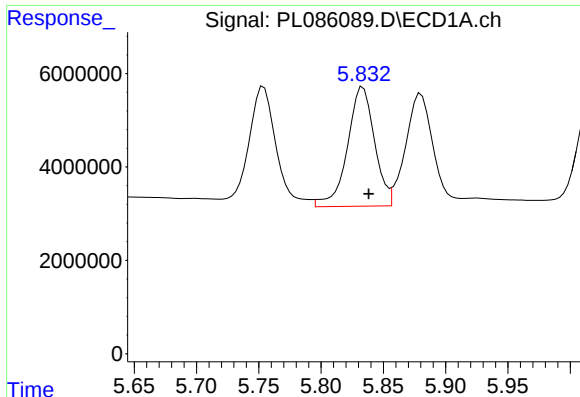
#10 gamma-Chlordane

R.T.: 5.754 min  
Delta R.T.: -0.005 min  
Response: 41232757  
Conc: 12.05 ng/ml



#10 gamma-Chlordane

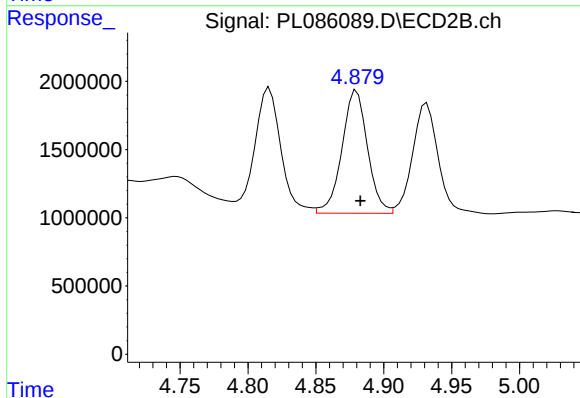
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 12431750  
Conc: 12.55 ng/ml



#11 alpha-Chlordane

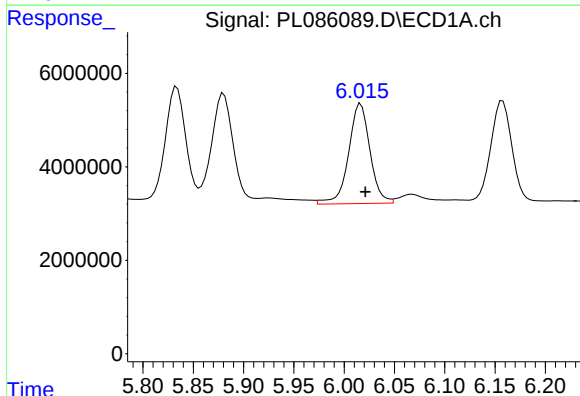
R.T.: 5.834 min  
Delta R.T.: -0.005 min  
Response: 38811920  
Conc: 11.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



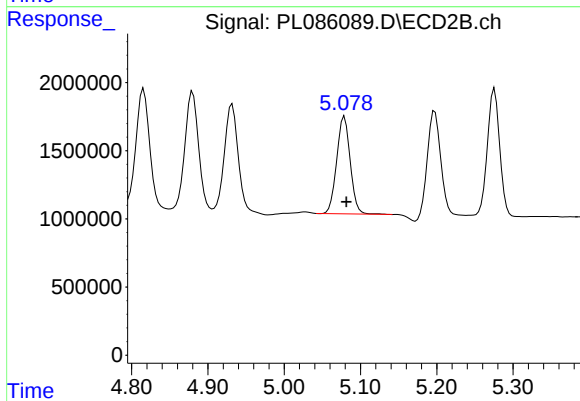
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.003 min  
Response: 11823119  
Conc: 10.84 ng/ml



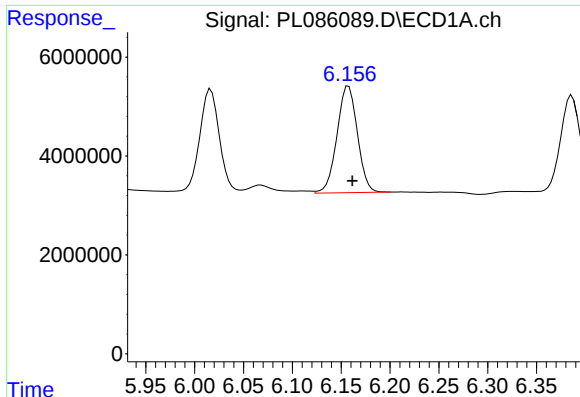
#12 4,4'-DDE

R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 31599609  
Conc: 11.30 ng/ml



#12 4,4'-DDE

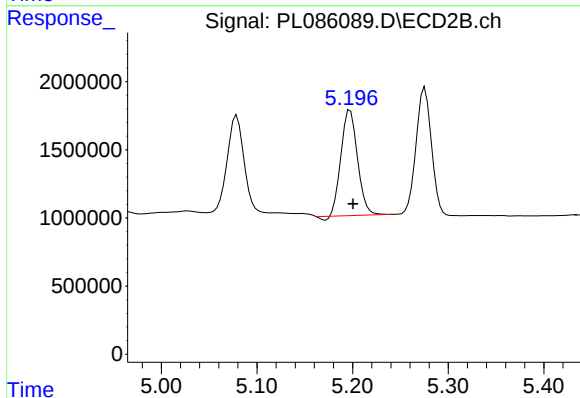
R.T.: 5.079 min  
Delta R.T.: -0.003 min  
Response: 8773096  
Conc: 10.68 ng/ml



#13 Dieldrin

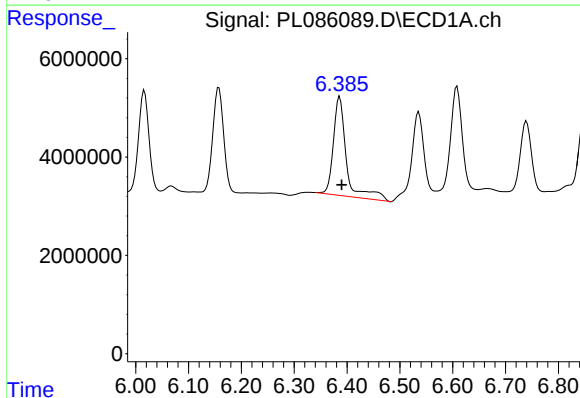
R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 31046879  
Conc: 9.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



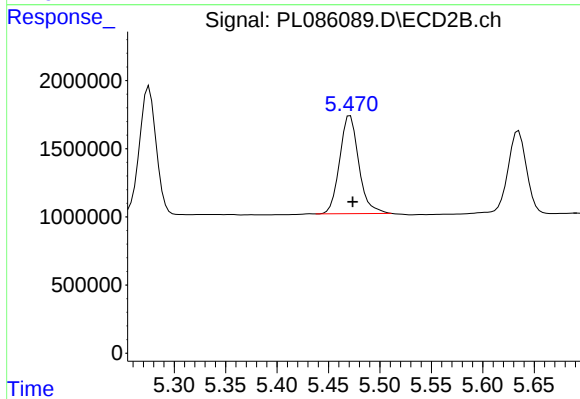
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: -0.003 min  
Response: 9303045  
Conc: 9.59 ng/ml



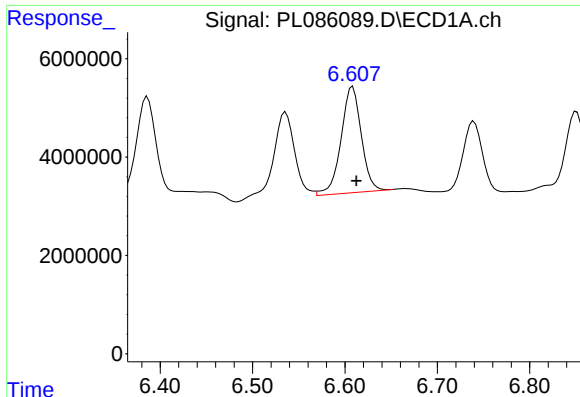
#14 Endrin

R.T.: 6.386 min  
Delta R.T.: -0.004 min  
Response: 34725115  
Conc: 12.19 ng/ml



#14 Endrin

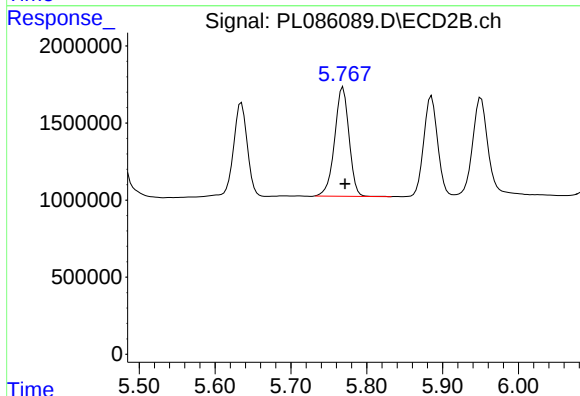
R.T.: 5.471 min  
Delta R.T.: -0.002 min  
Response: 9300805  
Conc: 10.35 ng/ml



#15 Endosulfan II

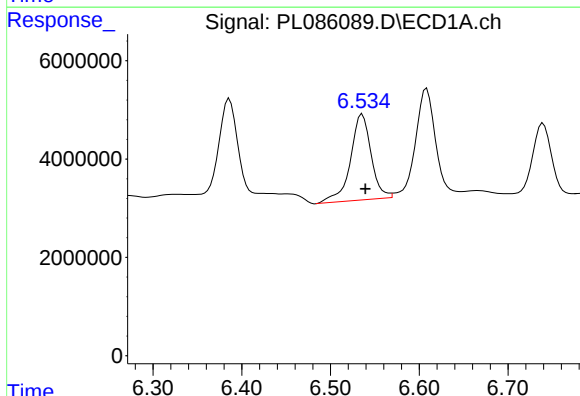
R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 32895518  
Conc: 11.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



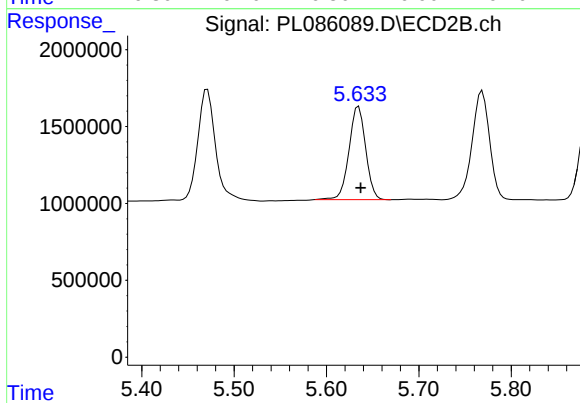
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 9322922  
Conc: 9.80 ng/ml



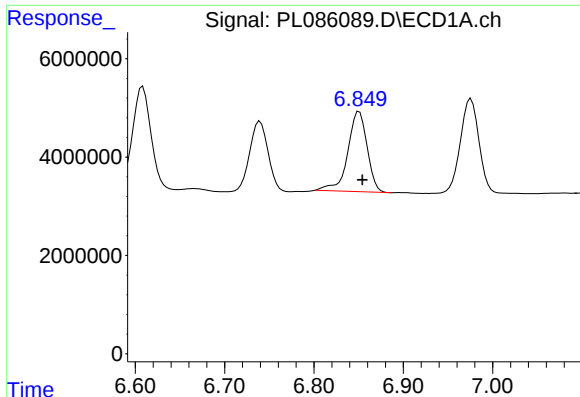
#16 4,4'-DDD

R.T.: 6.536 min  
Delta R.T.: -0.004 min  
Response: 28241014  
Conc: 14.02 ng/ml



#16 4,4'-DDD

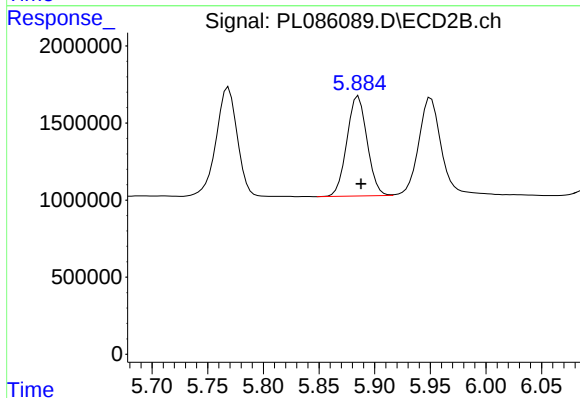
R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 7611366  
Conc: 10.94 ng/ml



#17 4,4'-DDT

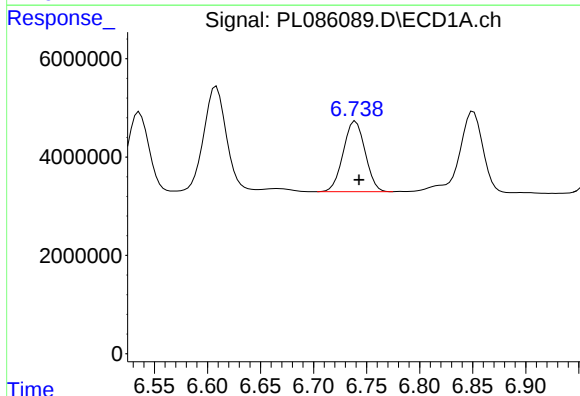
R.T.: 6.851 min  
Delta R.T.: -0.004 min  
Response: 24502645  
Conc: 10.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



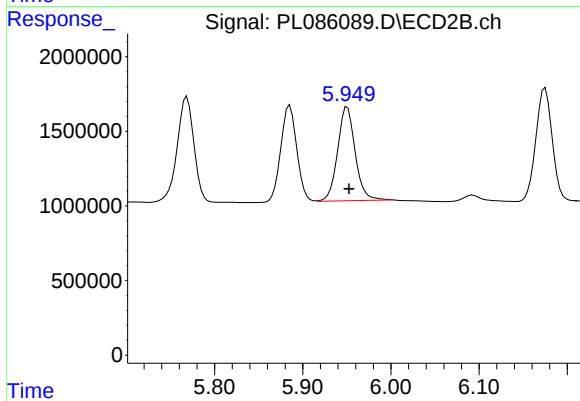
#17 4,4'-DDT

R.T.: 5.885 min  
Delta R.T.: -0.002 min  
Response: 8191368  
Conc: 10.36 ng/ml



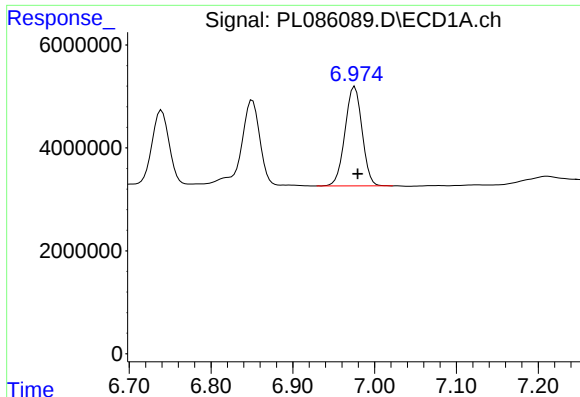
#18 Endrin aldehyde

R.T.: 6.740 min  
Delta R.T.: -0.003 min  
Response: 20537523  
Conc: 10.13 ng/ml



#18 Endrin aldehyde

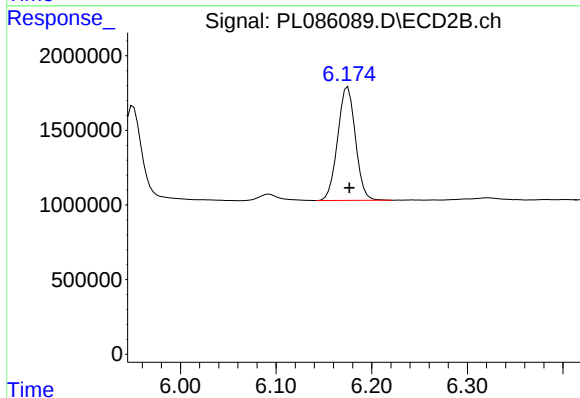
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 8719650  
Conc: 11.69 ng/ml



#19 Endosulfan Sulfate

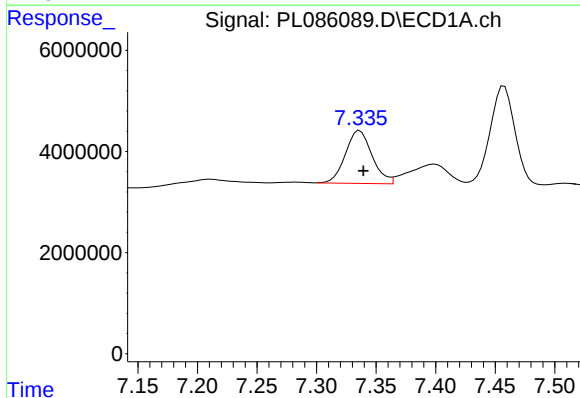
R.T.: 6.976 min  
Delta R.T.: -0.004 min  
Response: 27815074  
Conc: 11.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



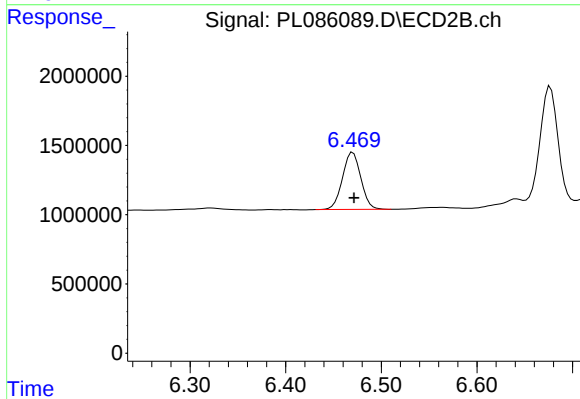
#19 Endosulfan Sulfate

R.T.: 6.175 min  
Delta R.T.: -0.002 min  
Response: 9820590  
Conc: 10.89 ng/ml



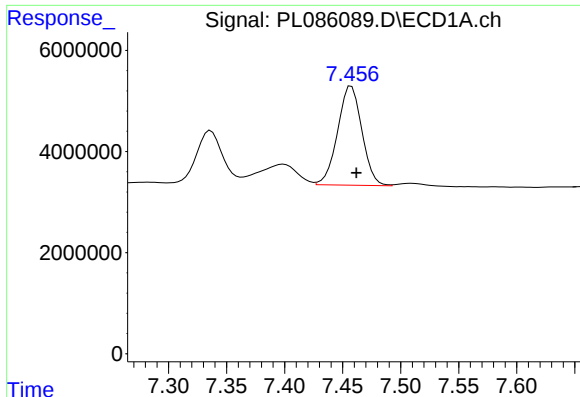
#20 Methoxychlor

R.T.: 7.336 min  
Delta R.T.: -0.003 min  
Response: 16253830  
Conc: 11.64 ng/ml



#20 Methoxychlor

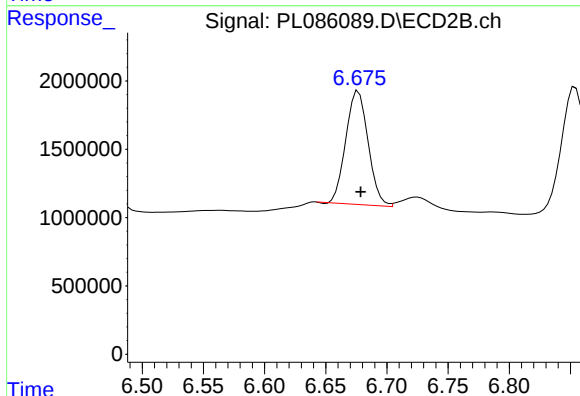
R.T.: 6.470 min  
Delta R.T.: -0.001 min  
Response: 5533703  
Conc: 10.52 ng/ml



#21 Endrin ketone

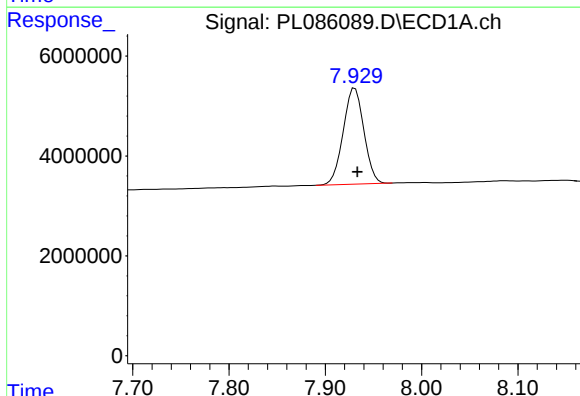
R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 28555876  
Conc: 9.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



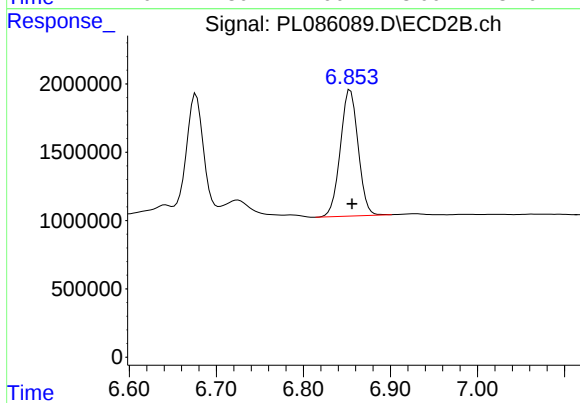
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 10546114  
Conc: 9.18 ng/ml



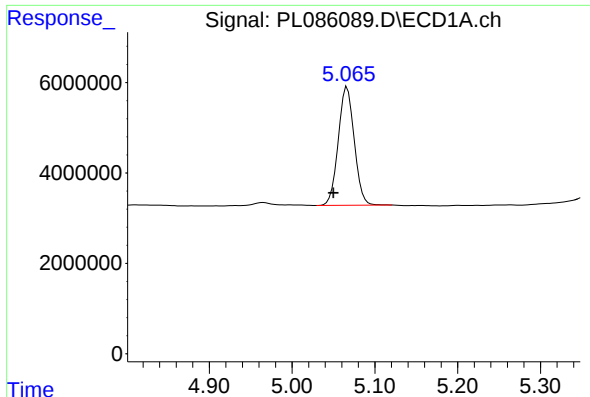
#22 Mirex

R.T.: 7.931 min  
Delta R.T.: -0.003 min  
Response: 28673949  
Conc: 12.95 ng/ml



#22 Mirex

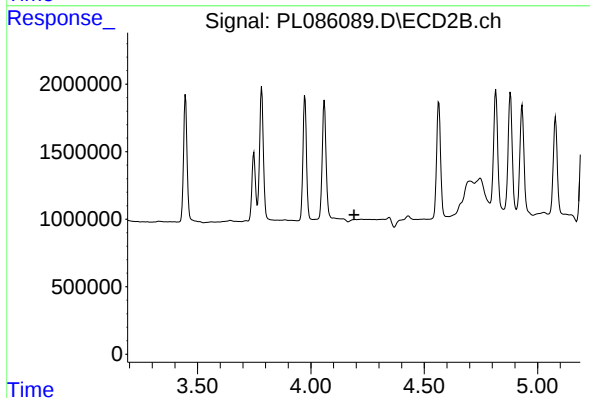
R.T.: 6.854 min  
Delta R.T.: -0.002 min  
Response: 13046619  
Conc: 13.83 ng/ml



#24 Chlordane-2

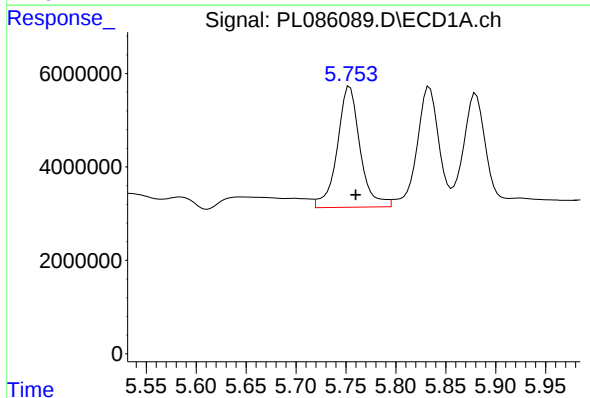
R.T.: 5.066 min  
Delta R.T.: 0.016 min  
Response: 35146395  
Conc: 270.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



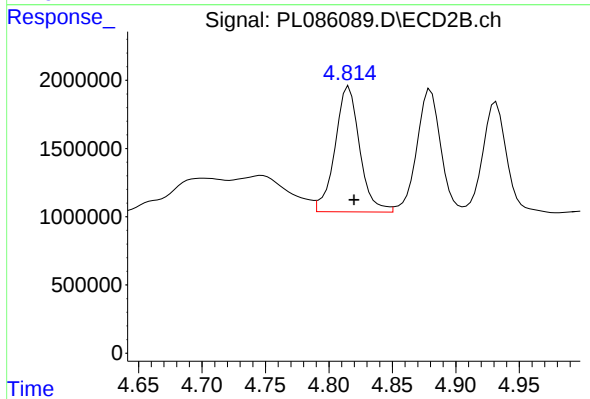
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.191 min  
Response: 0  
Conc: N.D.



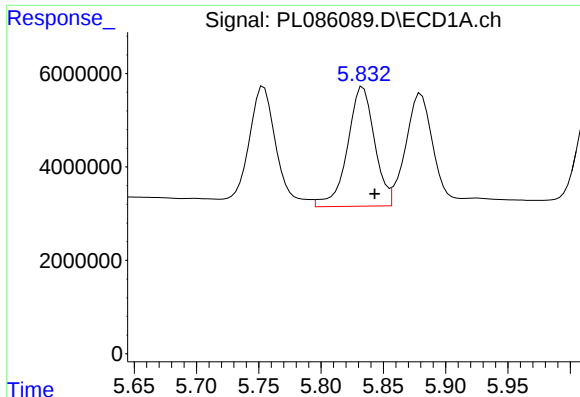
#25 Chlordane-3

R.T.: 5.754 min  
Delta R.T.: -0.006 min  
Response: 41232757  
Conc: 80.82 ng/ml



#25 Chlordane-3

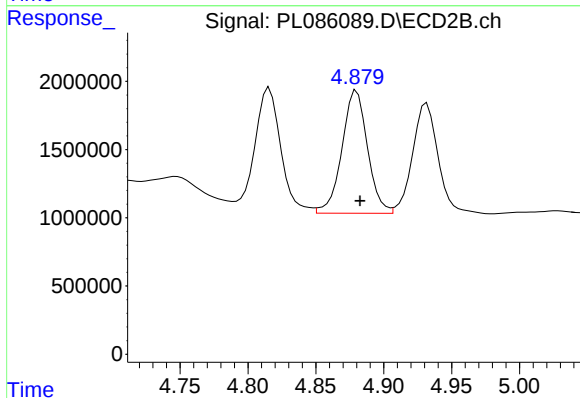
R.T.: 4.816 min  
Delta R.T.: -0.004 min  
Response: 12431750  
Conc: 123.03 ng/ml



#26 Chlordane-4

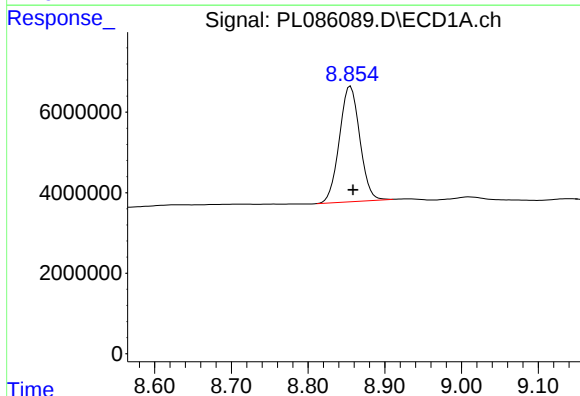
R.T.: 5.834 min  
Delta R.T.: -0.009 min  
Response: 38811920  
Conc: 61.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



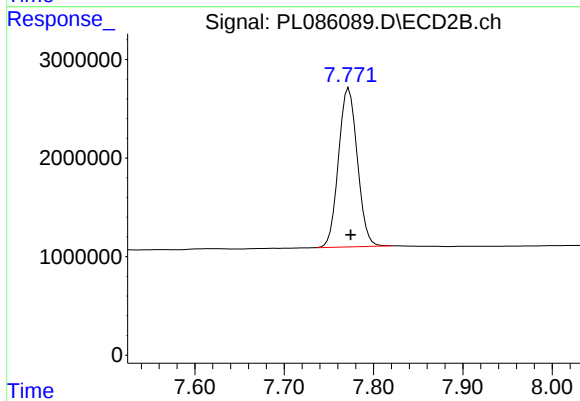
#26 Chlordane-4

R.T.: 4.880 min  
Delta R.T.: -0.003 min  
Response: 11823119  
Conc: 102.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min  
Delta R.T.: -0.004 min  
Response: 53412953  
Conc: 24.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min  
Delta R.T.: -0.002 min  
Response: 23616317  
Conc: 25.59 ng/ml