

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
 Data File : PL087387CC-3.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2023 21:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 23 05:08:45 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... | 3.423  | 2.678  | 181.9E6  | 74827543 | 48.342   | 44.453    |
| 28)                         | SA Decachlor... | 8.978  | 7.866  | 169.4E6  | 76313996 | 49.673   | 45.184    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.183  | 265.1E6  | 108.9E6  | 48.969   | 44.300    |
| 3)                          | MA gamma-BHC... | 4.213  | 3.513  | 246.5E6  | 103.3E6  | 46.896   | 42.627    |
| 4)                          | MA Heptachlor   | 4.804  | 3.855  | 244.6E6  | 101.9E6  | 45.913   | 42.637    |
| 5)                          | MB Aldrin       | 5.147  | 4.135  | 238.2E6  | 99527048 | 45.759   | 41.508    |
| 6)                          | B beta-BHC      | 4.412  | 3.814  | 107.3E6  | 44082305 | 46.726   | 42.346    |
| 7)                          | B delta-BHC     | 4.658  | 4.044  | 190.0E6  | 104.5E6  | 36.337   | 42.723    |
| 8)                          | B Heptachlo...  | 5.578  | 4.643  | 215.1E6  | 91530759 | 45.641   | 41.132    |
| 9)                          | A Endosulfan I  | 5.964  | 5.014  | 201.3E6  | 88456695 | 45.063   | 40.930    |
| 10)                         | B gamma-Chl...  | 5.835  | 4.896  | 219.8E6  | 93130809 | 45.340   | 40.716    |
| 11)                         | B alpha-Chl...  | 5.916  | 4.961  | 216.0E6  | 93793135 | 44.947   | 40.638    |
| 12)                         | B 4,4'-DDE      | 6.097  | 5.159  | 189.5E6  | 82519197 | 45.722   | 41.560    |
| 13)                         | MA Dieldrin     | 6.242  | 5.281  | 204.1E6  | 89659123 | 43.989   | 40.246    |
| 14)                         | MA Endrin       | 6.472  | 5.557  | 154.7E6  | 73700938 | 40.197   | 36.931    |
| 15)                         | B Endosulfa...  | 6.693  | 5.854  | 167.5E6  | 74706510 | 41.768   | 38.370    |
| 16)                         | A 4,4'-DDD      | 6.617  | 5.717  | 158.8E6  | 72631136 | 48.057   | 43.866    |
| 17)                         | MA 4,4'-DDT     | 6.933  | 5.970  | 153.9E6  | 68894611 | 40.922   | 37.355    |
| 18)                         | B Endrin al...  | 6.824  | 6.037  | 129.3E6  | 58552260 | 44.627   | 39.896    |
| 19)                         | B Endosulfa...  | 7.061  | 6.262  | 171.1E6  | 78035630 | 43.570   | 41.424    |
| 20)                         | A Methoxychlor  | 7.419  | 6.556  | 77594907 | 37667569 | 39.794   | 36.879    |
| 21)                         | B Endrin ke...  | 7.547  | 6.767  | 168.2E6  | 89592968 | 41.351   | 42.088    |
| 22)                         | Mirex           | 8.024  | 6.949  | 148.9E6  | 74069243 | 44.207   | 41.632    |
| 23)                         | Chlordane-1     | 0.000  | 3.715f | 0        | 398113   | N.D.     | 6.418 #   |
| 24)                         | Chlordane-2     | 5.147f | 4.271  | 238.2E6  | -59320   | 1367.702 | N.D. #    |
| 25)                         | Chlordane-3     | 5.835  | 4.896  | 219.8E6  | 93130809 | 315.339  | 421.279 # |
| 26)                         | Chlordane-4     | 5.916  | 4.961  | 216.0E6  | 93793135 | 252.635  | 402.862 # |
| 27)                         | Chlordane-5     | 0.000  | 5.634  | 0        | 208079   | N.D.     | 3.216 #   |
| -----                       |                 |        |        |          |          |          |           |

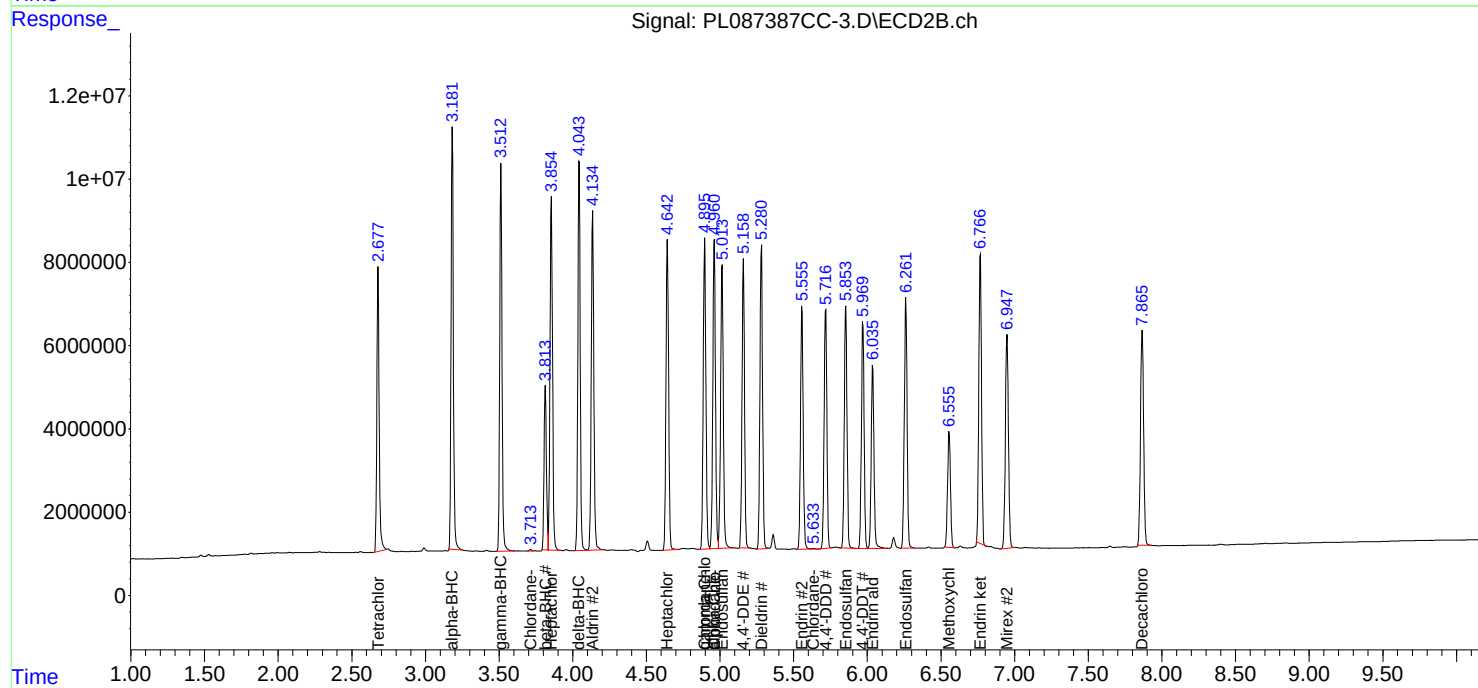
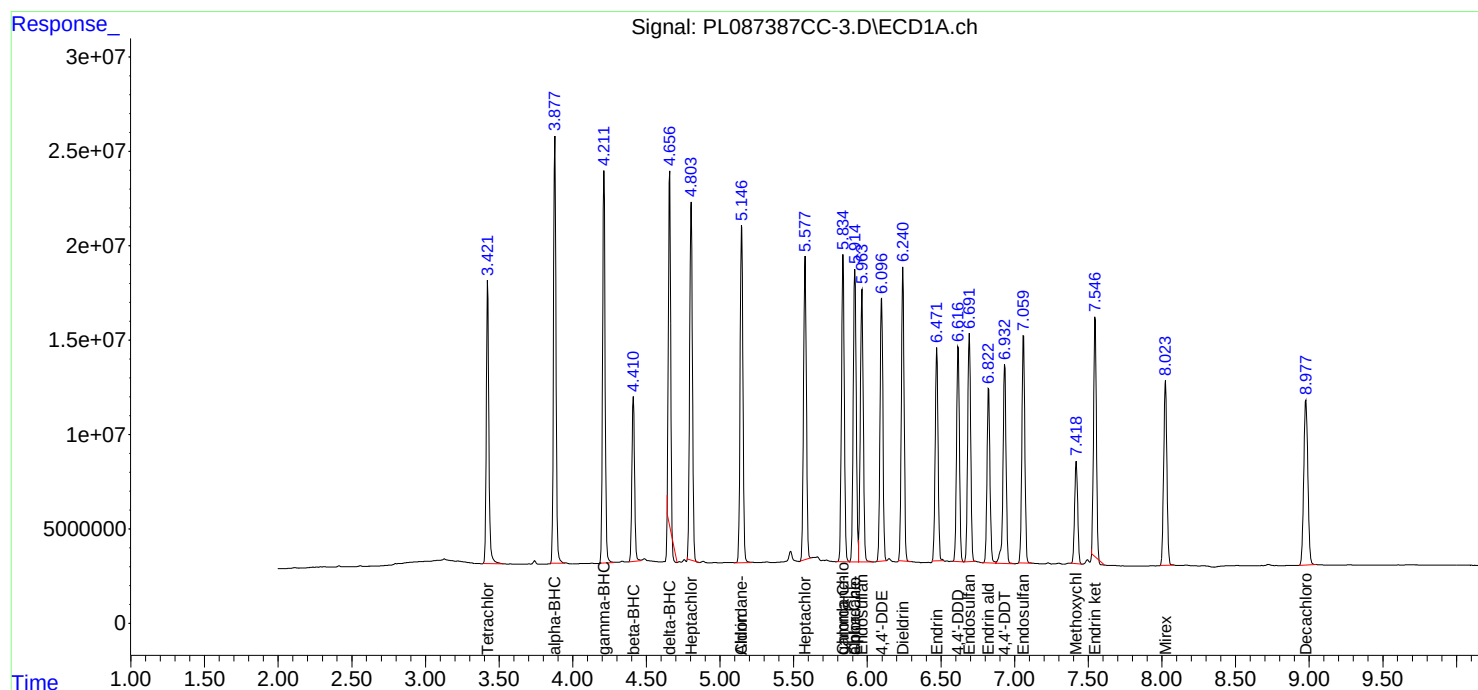
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

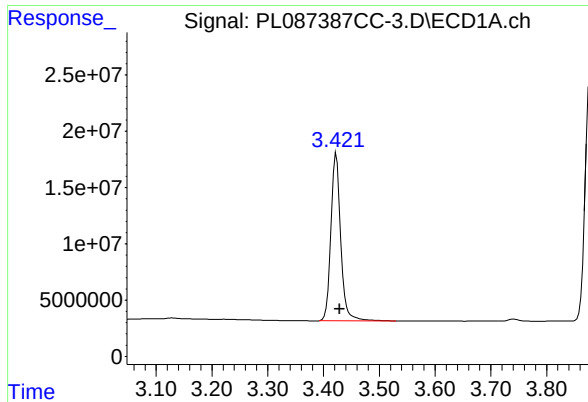
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
Data File : PL087387CC-3.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2023 21:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 23 05:08:45 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

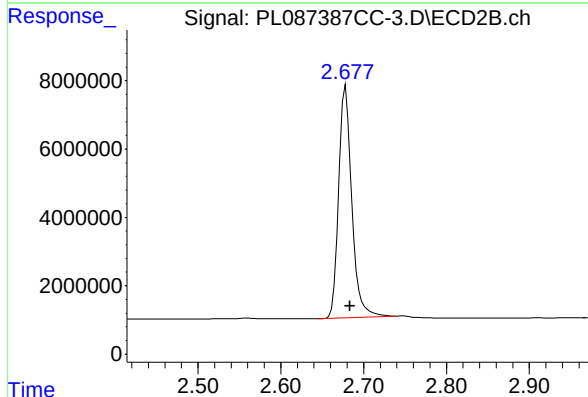




#1 Tetrachloro-m-xylene

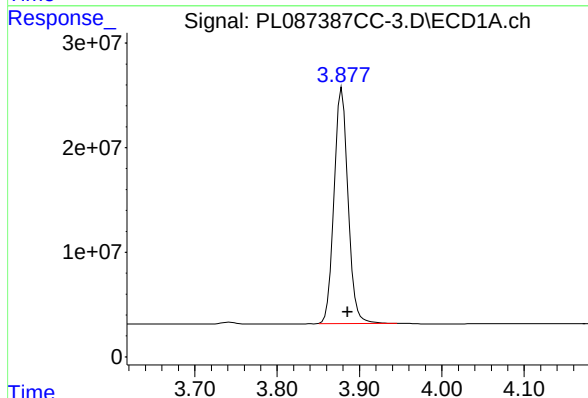
R.T.: 3.423 min  
Delta R.T.: -0.006 min  
Response: 181933197  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



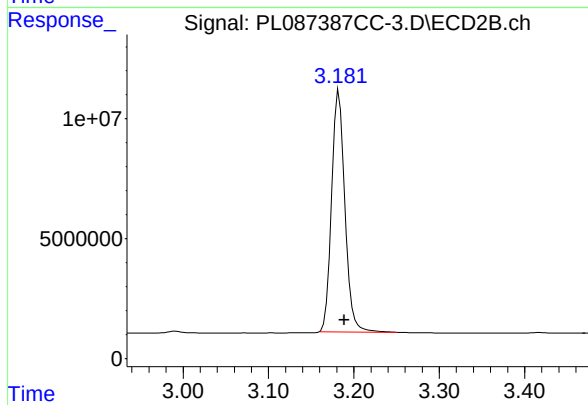
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.005 min  
Response: 74827543  
Conc: 44.45 ng/ml



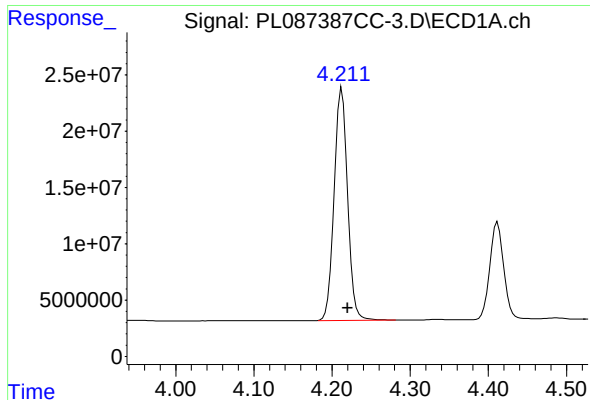
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 265127467  
Conc: 48.97 ng/ml



#2 alpha-BHC

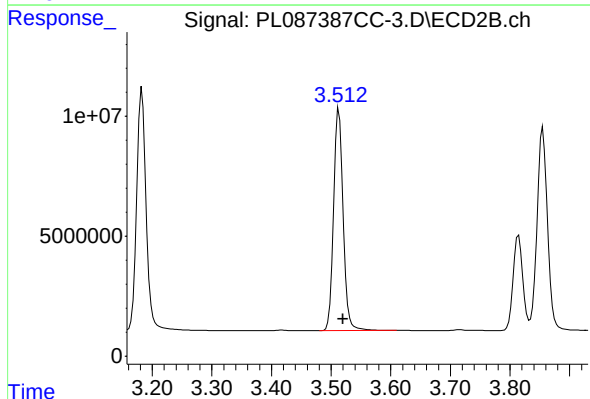
R.T.: 3.183 min  
Delta R.T.: -0.006 min  
Response: 108871227  
Conc: 44.30 ng/ml



#3 gamma-BHC (Lindane)

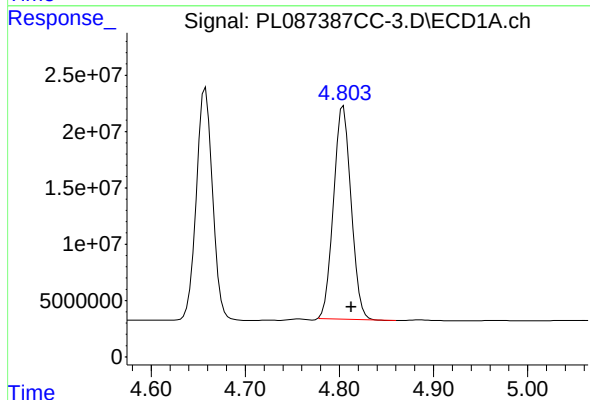
R.T.: 4.213 min  
Delta R.T.: -0.007 min  
Response: 246468136  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



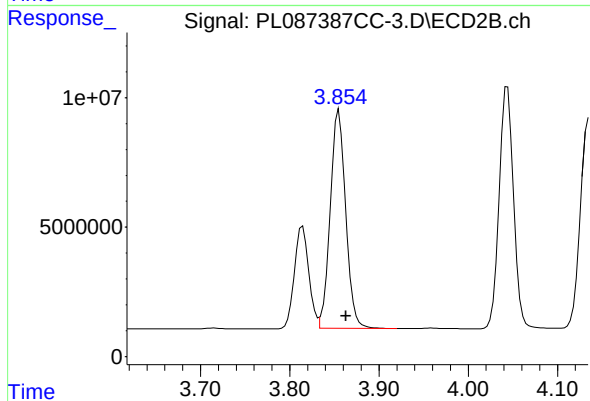
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 103259894  
Conc: 42.63 ng/ml



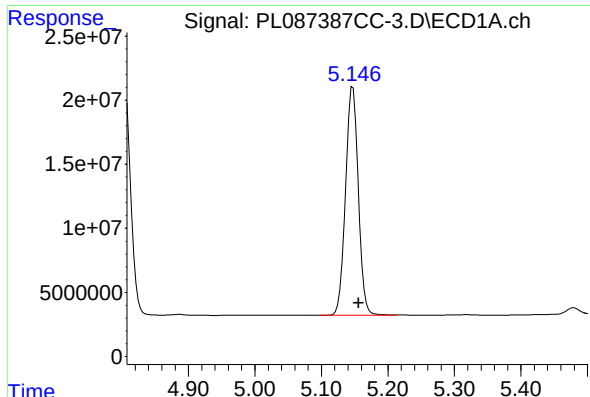
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: -0.008 min  
Response: 244560278  
Conc: 45.91 ng/ml



#4 Heptachlor

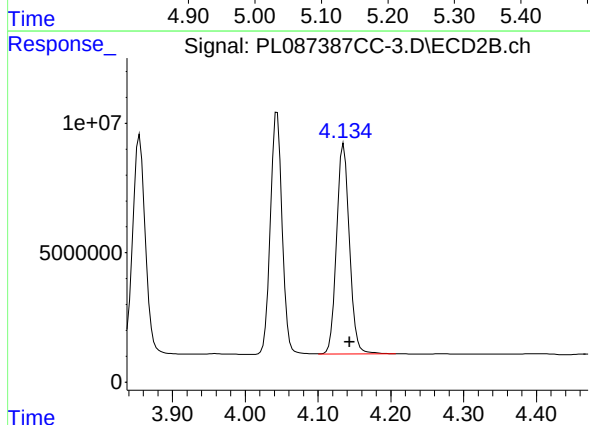
R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 101914493  
Conc: 42.64 ng/ml



#5 Aldrin

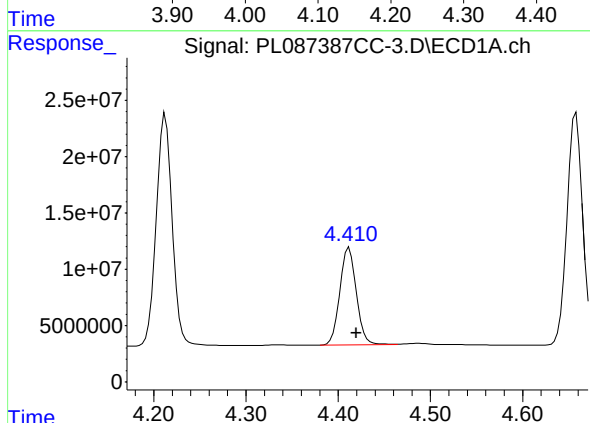
R.T.: 5.147 min  
Delta R.T.: -0.009 min  
Response: 238238546  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



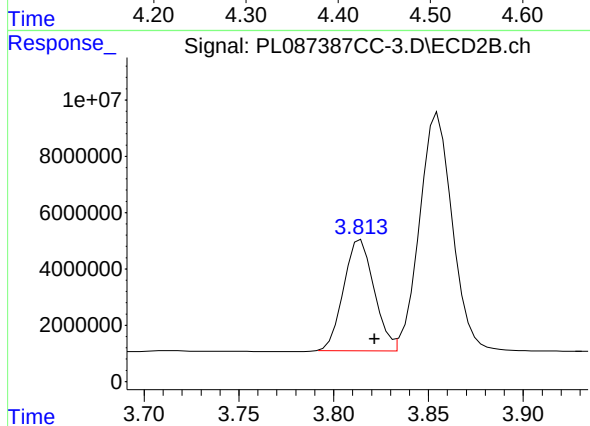
#5 Aldrin

R.T.: 4.135 min  
Delta R.T.: -0.008 min  
Response: 99527048  
Conc: 41.51 ng/ml



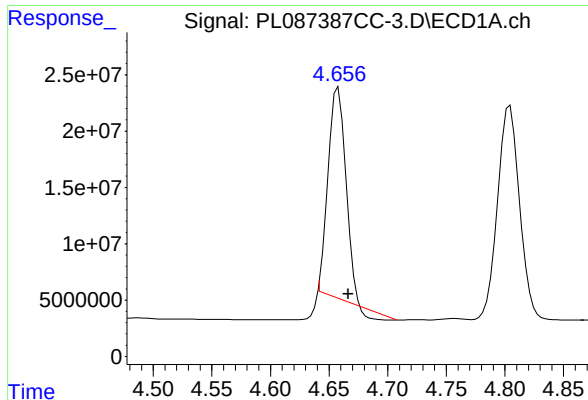
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.008 min  
Response: 107320063  
Conc: 46.73 ng/ml



#6 beta-BHC

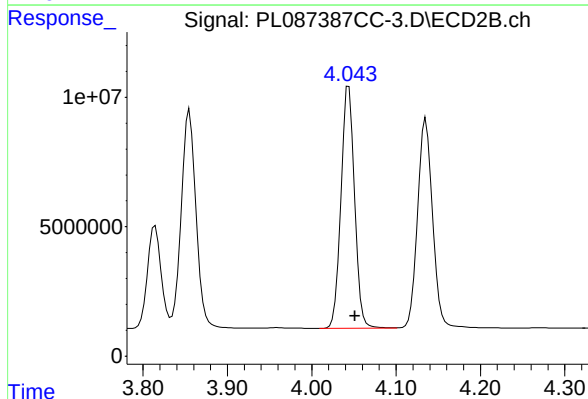
R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 44082305  
Conc: 42.35 ng/ml



#7 delta-BHC

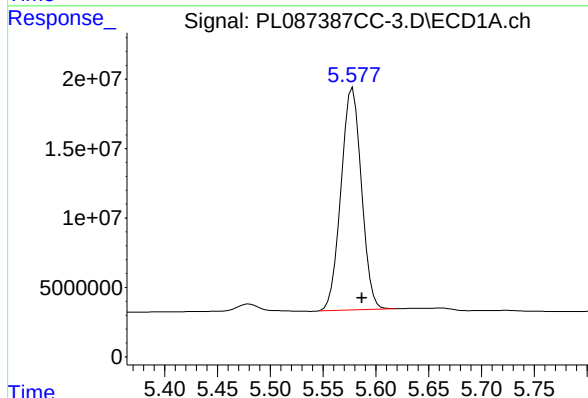
R.T.: 4.658 min  
Delta R.T.: -0.008 min  
Response: 190021216  
Conc: 36.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



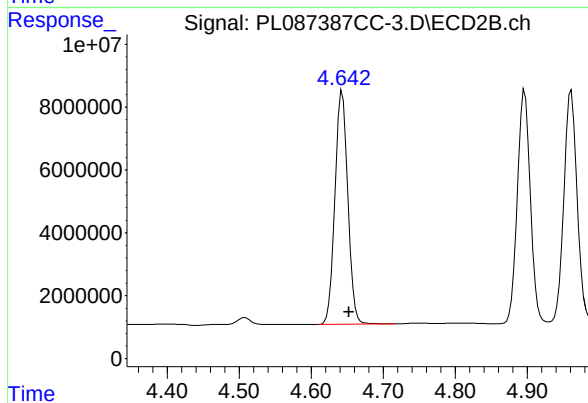
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 104510343  
Conc: 42.72 ng/ml



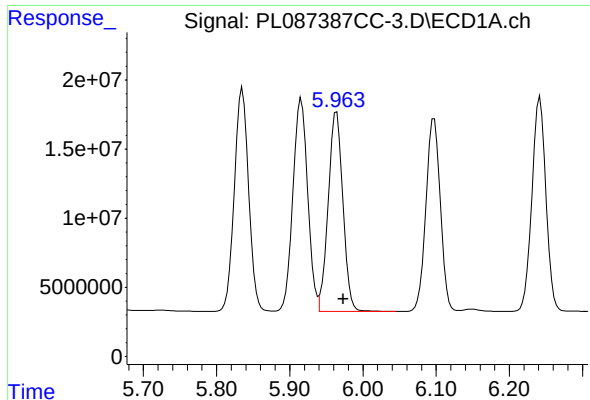
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: -0.009 min  
Response: 215095792  
Conc: 45.64 ng/ml



#8 Heptachlor epoxide

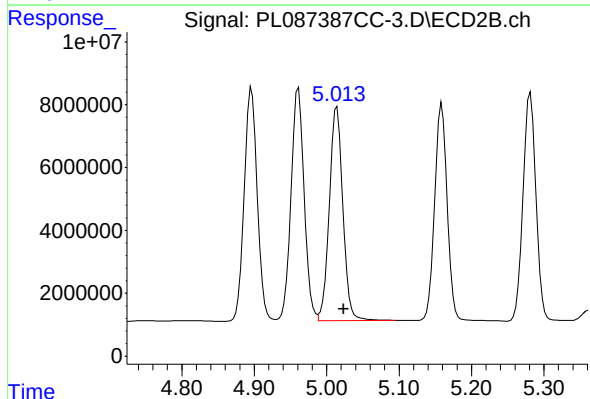
R.T.: 4.643 min  
Delta R.T.: -0.009 min  
Response: 91530759  
Conc: 41.13 ng/ml



#9 Endosulfan I

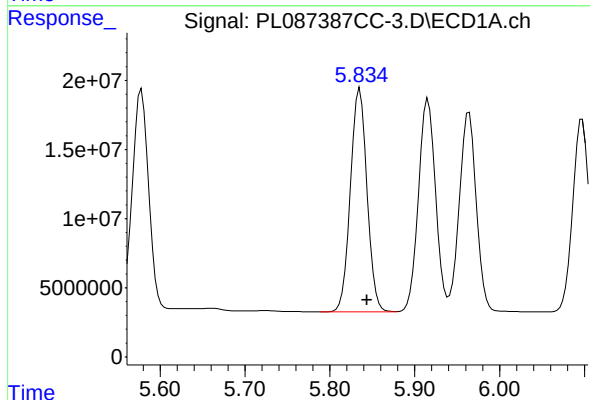
R.T.: 5.964 min  
Delta R.T.: -0.009 min  
Response: 201264846  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



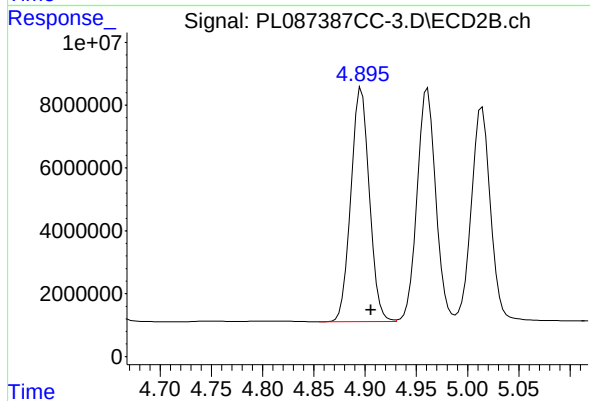
#9 Endosulfan I

R.T.: 5.014 min  
Delta R.T.: -0.009 min  
Response: 88456695  
Conc: 40.93 ng/ml



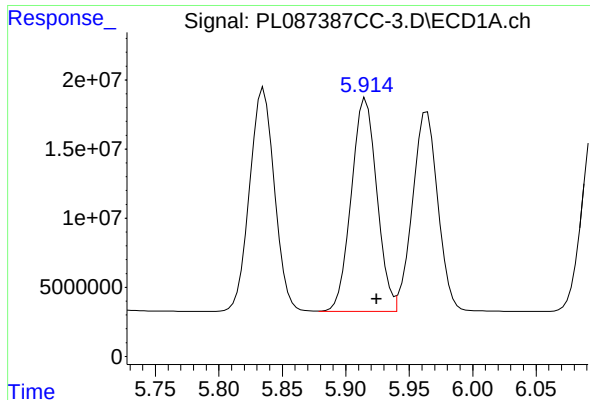
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 219808664  
Conc: 45.34 ng/ml



#10 gamma-Chlordane

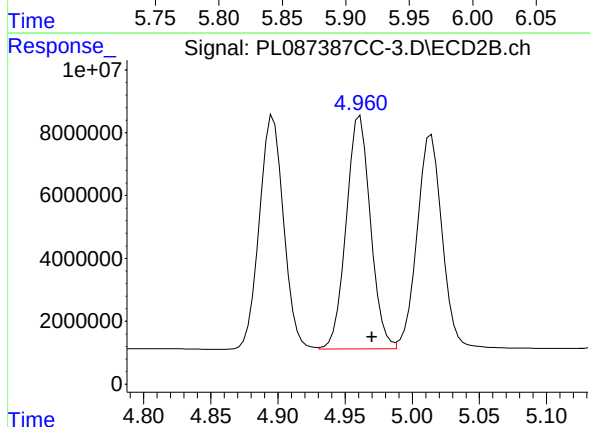
R.T.: 4.896 min  
Delta R.T.: -0.009 min  
Response: 93130809  
Conc: 40.72 ng/ml



#11 alpha-Chlordane

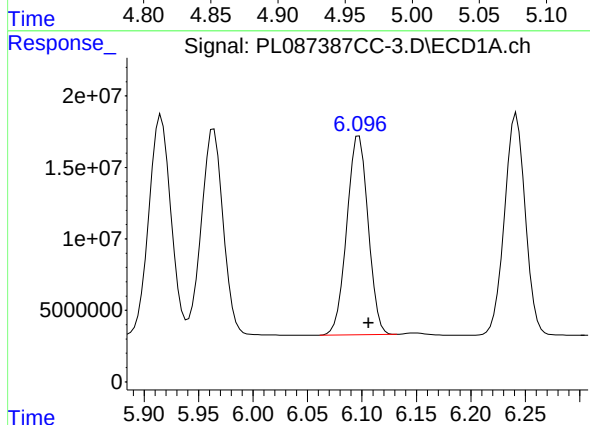
R.T.: 5.916 min  
Delta R.T.: -0.009 min  
Response: 216020657  
Conc: 44.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



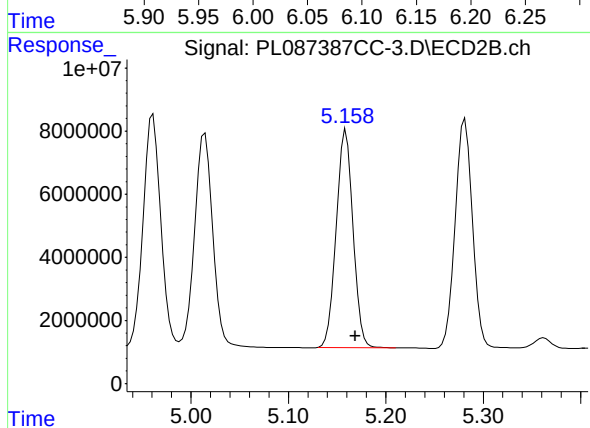
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.009 min  
Response: 93793135  
Conc: 40.64 ng/ml



#12 4,4'-DDE

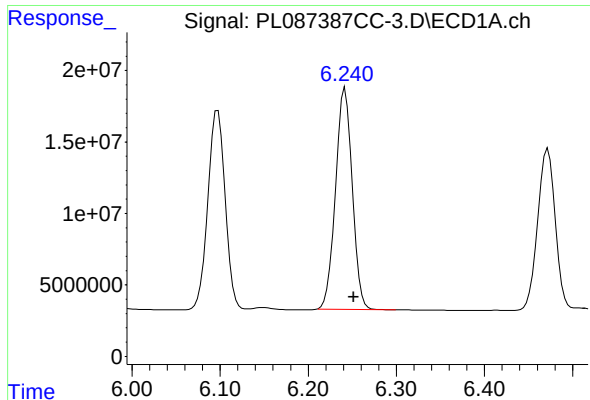
R.T.: 6.097 min  
Delta R.T.: -0.009 min  
Response: 189472298  
Conc: 45.72 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min  
Delta R.T.: -0.009 min  
Response: 82519197  
Conc: 41.56 ng/ml

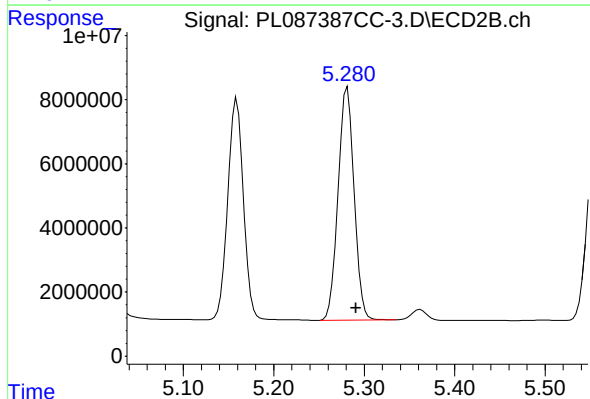




#13 Dieldrin

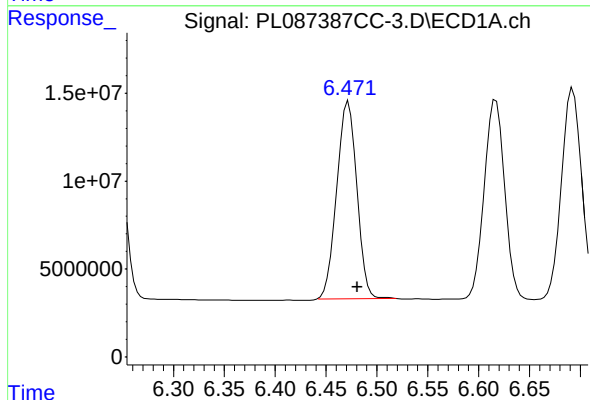
R.T.: 6.242 min  
Delta R.T.: -0.010 min  
Response: 204146148  
Conc: 43.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



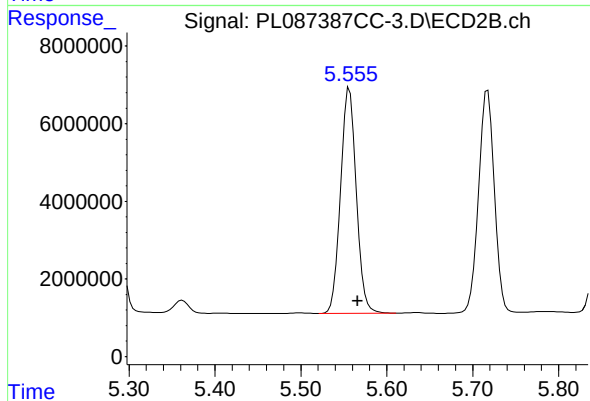
#13 Dieldrin

R.T.: 5.281 min  
Delta R.T.: -0.009 min  
Response: 89659123  
Conc: 40.25 ng/ml



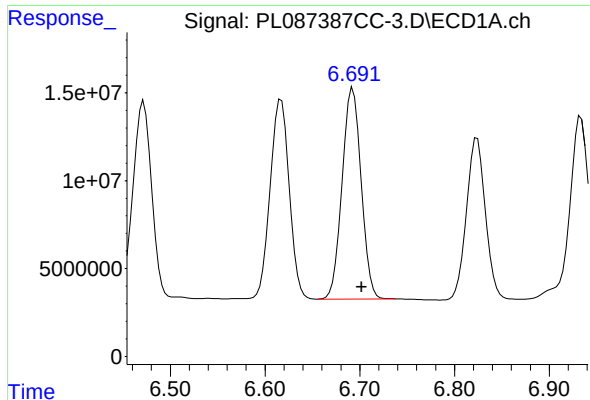
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: -0.008 min  
Response: 154650745  
Conc: 40.20 ng/ml



#14 Endrin

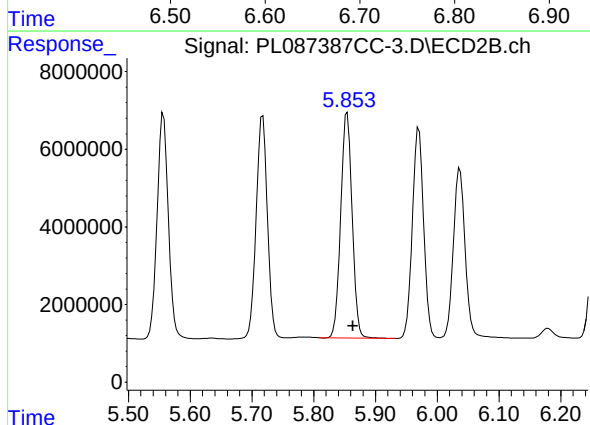
R.T.: 5.557 min  
Delta R.T.: -0.009 min  
Response: 73700938  
Conc: 36.93 ng/ml



#15 Endosulfan II

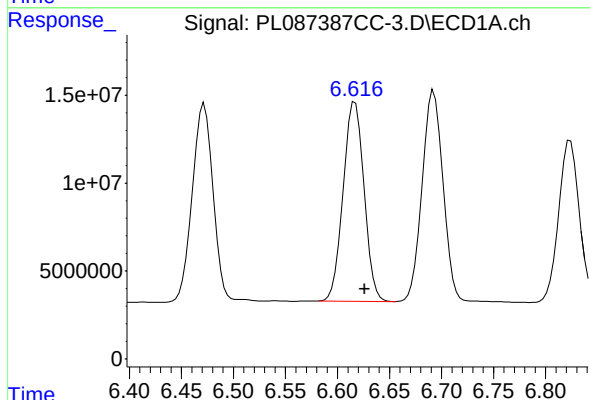
R.T.: 6.693 min  
Delta R.T.: -0.009 min  
Response: 167507357  
Conc: 41.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



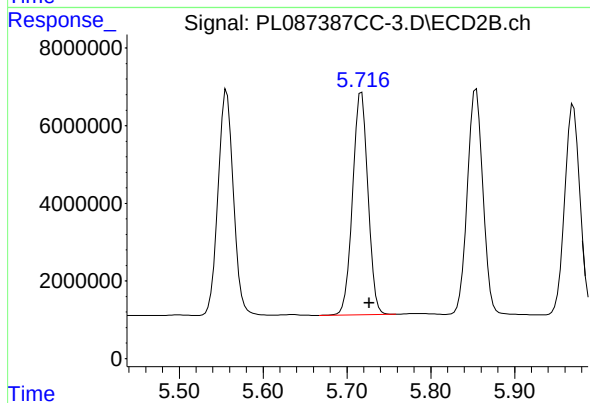
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: -0.010 min  
Response: 74706510  
Conc: 38.37 ng/ml



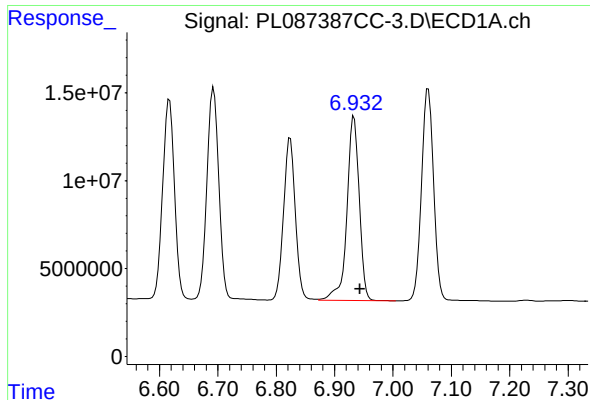
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: -0.009 min  
Response: 158834284  
Conc: 48.06 ng/ml



#16 4,4'-DDD

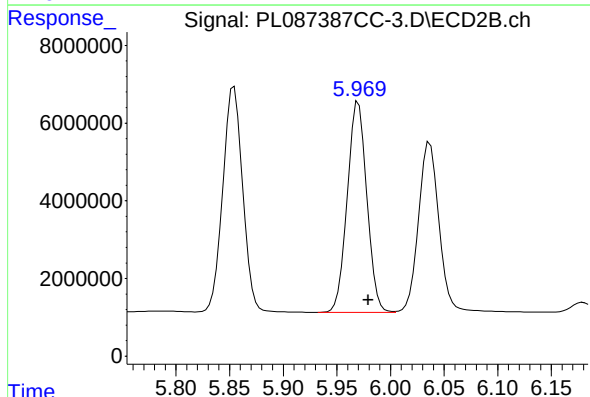
R.T.: 5.717 min  
Delta R.T.: -0.009 min  
Response: 72631136  
Conc: 43.87 ng/ml



#17 4,4'-DDT

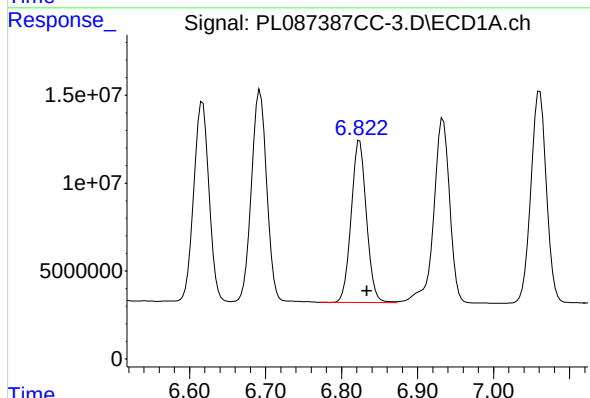
R.T.: 6.933 min  
Delta R.T.: -0.010 min  
Response: 153875365  
Conc: 40.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



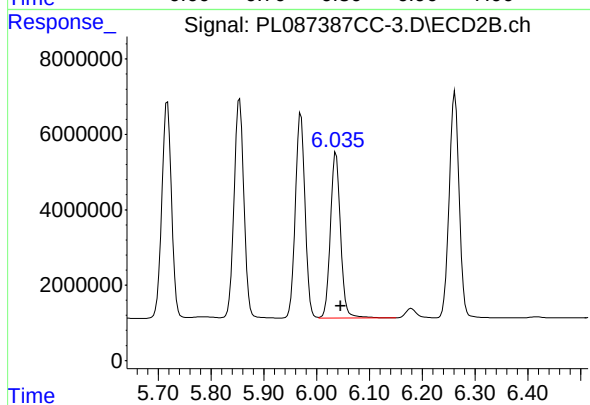
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: -0.009 min  
Response: 68894611  
Conc: 37.35 ng/ml



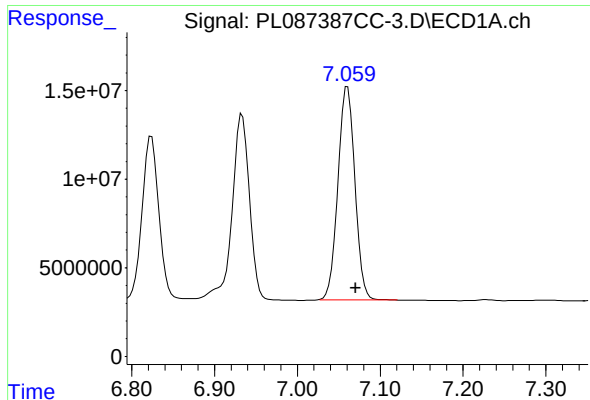
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: -0.010 min  
Response: 129346289  
Conc: 44.63 ng/ml



#18 Endrin aldehyde

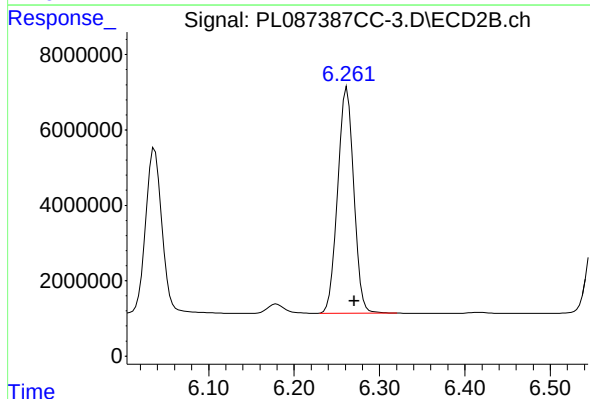
R.T.: 6.037 min  
Delta R.T.: -0.009 min  
Response: 58552260  
Conc: 39.90 ng/ml



#19 Endosulfan Sulfate

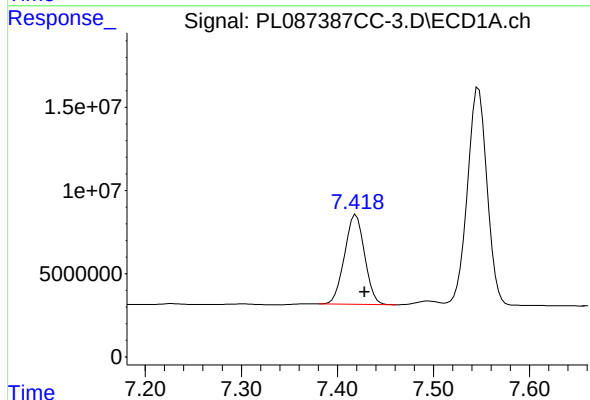
R.T.: 7.061 min  
Delta R.T.: -0.010 min  
Response: 171094159  
Conc: 43.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



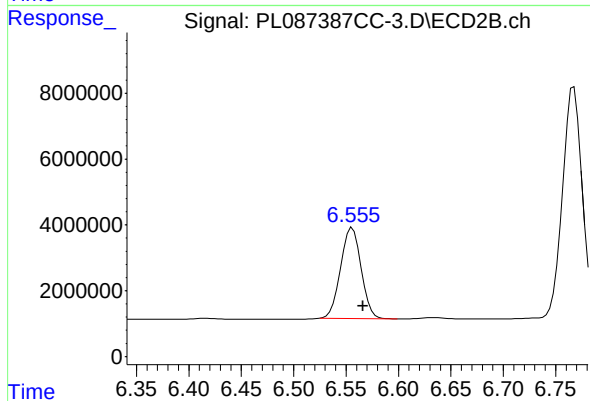
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: -0.009 min  
Response: 78035630  
Conc: 41.42 ng/ml



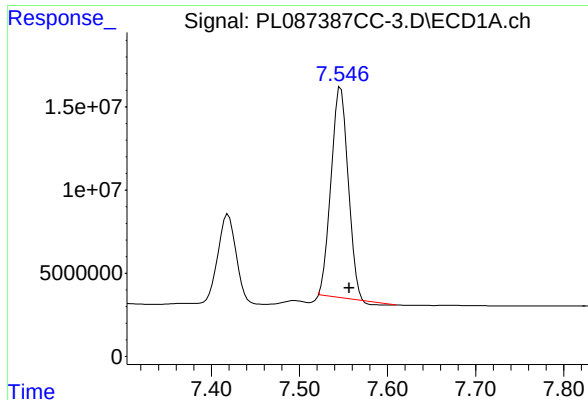
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.009 min  
Response: 77594907  
Conc: 39.79 ng/ml



#20 Methoxychlor

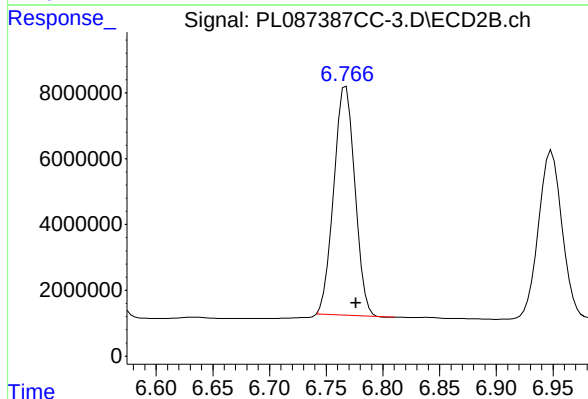
R.T.: 6.556 min  
Delta R.T.: -0.010 min  
Response: 37667569  
Conc: 36.88 ng/ml



#21 Endrin ketone

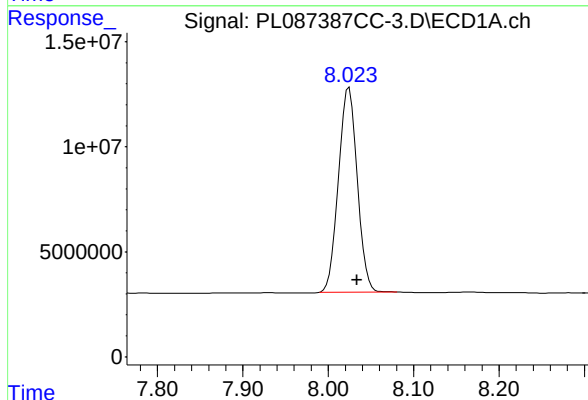
R.T.: 7.547 min  
Delta R.T.: -0.010 min  
Response: 168226606  
Conc: 41.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



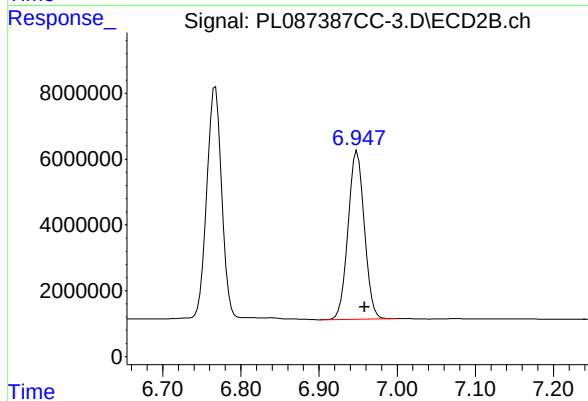
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: -0.009 min  
Response: 89592968  
Conc: 42.09 ng/ml



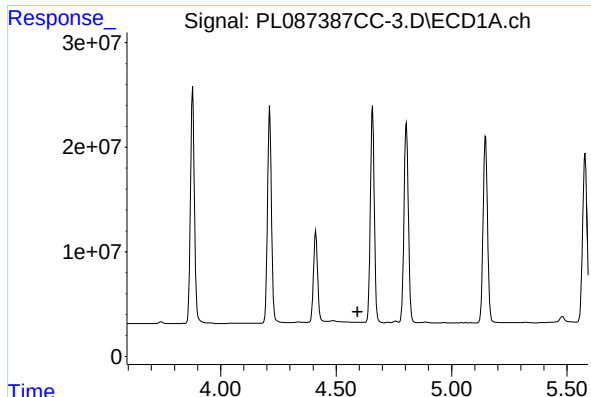
#22 Mirex

R.T.: 8.024 min  
Delta R.T.: -0.009 min  
Response: 148890370  
Conc: 44.21 ng/ml



#22 Mirex

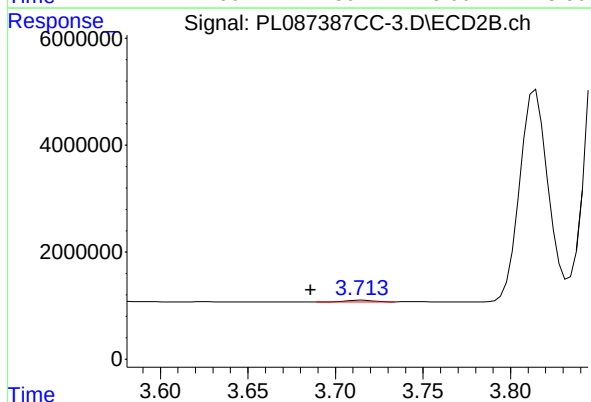
R.T.: 6.949 min  
Delta R.T.: -0.010 min  
Response: 74069243  
Conc: 41.63 ng/ml



#23 Chlordane-1

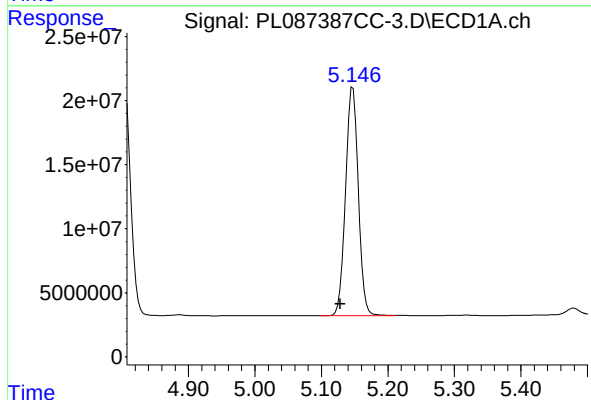
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



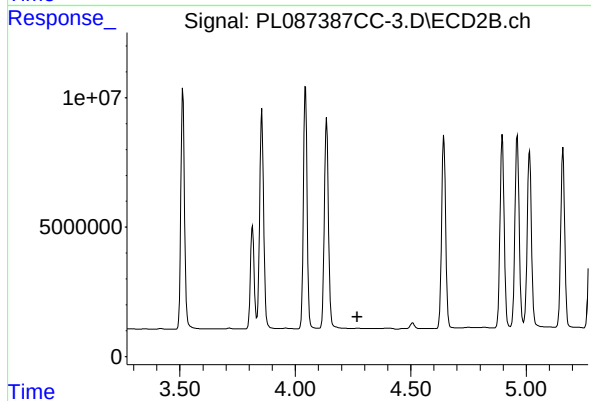
#23 Chlordane-1

R.T.: 3.715 min  
Delta R.T.: 0.029 min  
Response: 398113  
Conc: 6.42 ng/ml



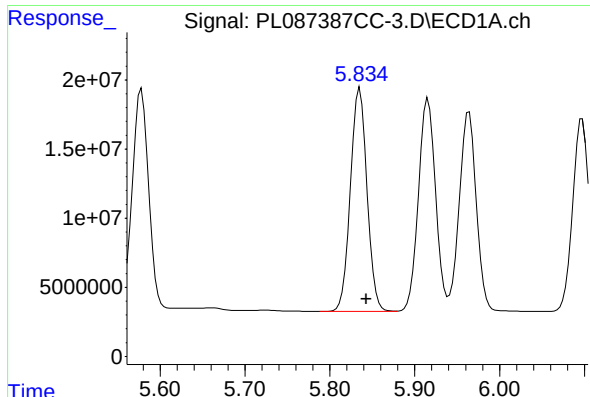
#24 Chlordane-2

R.T.: 5.147 min  
Delta R.T.: 0.019 min  
Response: 238238546  
Conc: 1367.70 ng/ml



#24 Chlordane-2

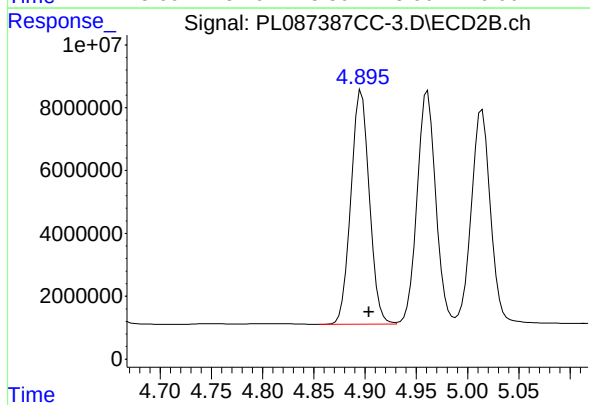
R.T.: 4.271 min  
Delta R.T.: 0.003 min  
Response: -59320  
Conc: N.D.



#25 Chlordane-3

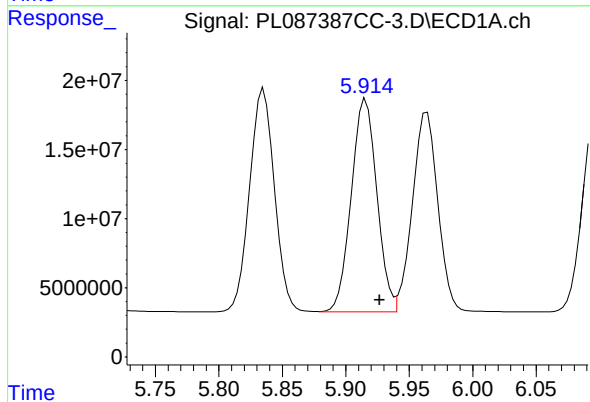
R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 219808664  
Conc: 315.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



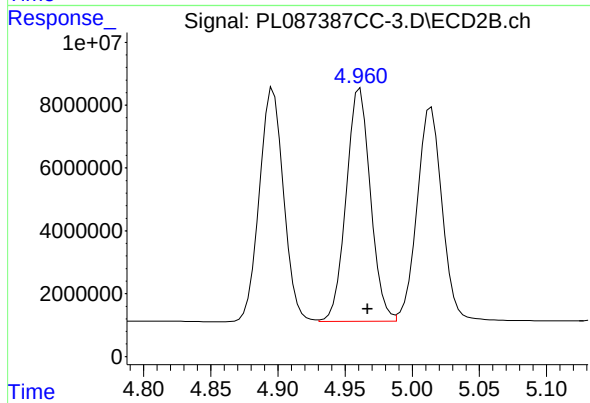
#25 Chlordane-3

R.T.: 4.896 min  
Delta R.T.: -0.007 min  
Response: 93130809  
Conc: 421.28 ng/ml



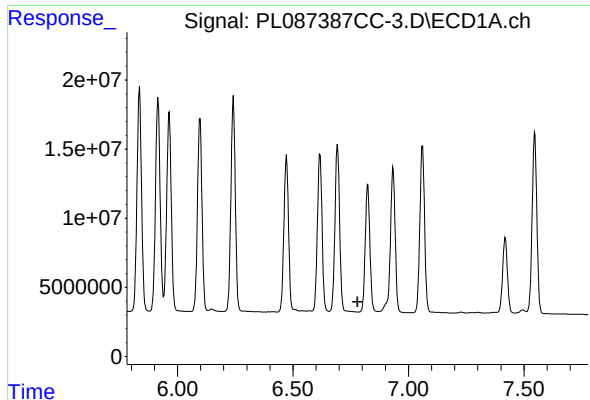
#26 Chlordane-4

R.T.: 5.916 min  
Delta R.T.: -0.011 min  
Response: 216020657  
Conc: 252.64 ng/ml



#26 Chlordane-4

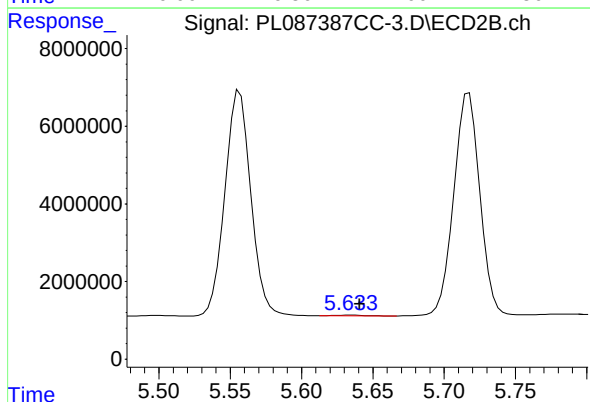
R.T.: 4.961 min  
Delta R.T.: -0.006 min  
Response: 93793135  
Conc: 402.86 ng/ml



#27 Chlordane-5

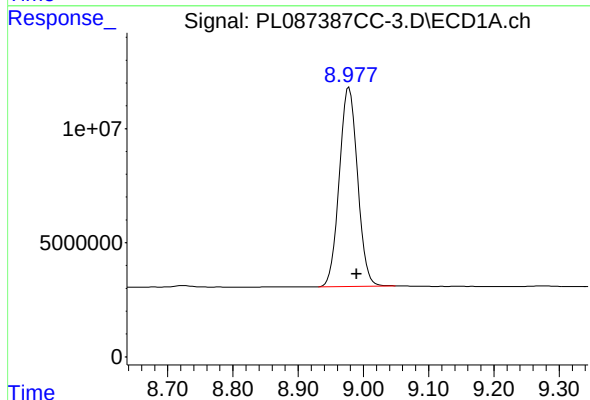
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



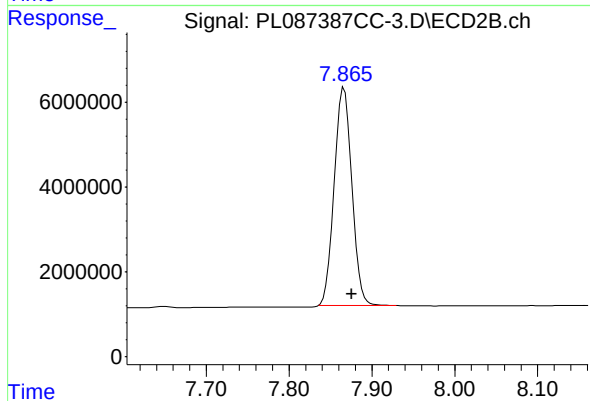
#27 Chlordane-5

R.T.: 5.634 min  
Delta R.T.: -0.007 min  
Response: 208079  
Conc: 3.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.011 min  
Response: 169379950  
Conc: 49.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.009 min  
Response: 76313996  
Conc: 45.18 ng/ml