

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122023\  
 Data File : PL087313CC-5.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2023 23:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 01:48:46 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... | 3.422  | 2.678  | 192.2E6  | 80104030 | 51.076   | 47.588    |
| 28)                         | SA Decachlor... | 8.980  | 7.868  | 172.6E6  | 81377756 | 50.612   | 48.182    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.182  | 281.0E6  | 112.8E6  | 51.902   | 45.901    |
| 3)                          | MA gamma-BHC... | 4.213  | 3.513  | 265.1E6  | 112.7E6  | 50.433   | 46.518    |
| 4)                          | MA Heptachlor   | 4.805  | 3.856  | 243.1E6  | 105.1E6  | 45.644   | 43.972    |
| 5)                          | MB Aldrin       | 5.148  | 4.136  | 256.8E6  | 108.8E6  | 49.322   | 45.374    |
| 6)                          | B beta-BHC      | 4.412  | 3.814  | 111.6E6  | 46861952 | 48.568   | 45.017    |
| 7)                          | B delta-BHC     | 4.659  | 4.044  | 212.7E6  | 112.3E6  | 40.680   | 45.898    |
| 8)                          | B Heptachlo...  | 5.579  | 4.644  | 227.7E6  | 98187159 | 48.309   | 44.123    |
| 9)                          | A Endosulfan I  | 5.965  | 5.015  | 211.3E6  | 91855795 | 47.300   | 42.503    |
| 10)                         | B gamma-Chl...  | 5.837  | 4.898  | 232.4E6  | 101.8E6  | 47.932   | 44.525    |
| 11)                         | B alpha-Chl...  | 5.917  | 4.962  | 228.5E6  | 99992077 | 47.535   | 43.324    |
| 12)                         | B 4,4'-DDE      | 6.098  | 5.160  | 195.1E6  | 87035238 | 47.073   | 43.835    |
| 13)                         | MA Dieldrin     | 6.242  | 5.283  | 219.9E6  | 97714351 | 47.378   | 43.862    |
| 14)                         | MA Endrin       | 6.473  | 5.558  | 166.4E6  | 80789857 | 43.251   | 40.483    |
| 15)                         | B Endosulfa...  | 6.695  | 5.856  | 182.6E6  | 83458162 | 45.530   | 42.865    |
| 16)                         | A 4,4'-DDD      | 6.618  | 5.719  | 160.8E6  | 75271368 | 48.661   | 45.461    |
| 17)                         | MA 4,4'-DDT     | 6.935  | 5.971  | 157.6E6  | 71664274 | 41.910   | 38.857    |
| 18)                         | B Endrin al...  | 6.826  | 6.038  | 134.7E6  | 62355240 | 46.465   | 42.487    |
| 19)                         | B Endosulfa...  | 7.063  | 6.263  | 181.5E6  | 81866065 | 46.221   | 43.457    |
| 20)                         | A Methoxychlor  | 7.420  | 6.557  | 78672613 | 38736456 | 40.347   | 37.925    |
| 21)                         | B Endrin ke...  | 7.549  | 6.768  | 185.9E6  | 95904842 | 45.687   | 45.053    |
| 22)                         | Mirex           | 8.026  | 6.950  | 154.1E6  | 78574027 | 45.755   | 44.164    |
| 23)                         | Chlordane-1     | 0.000  | 3.715f | 0        | 416974   | N.D.     | 6.722 #   |
| 24)                         | Chlordane-2     | 5.148f | 4.272  | 256.8E6  | 226719   | 1474.191 | 2.953 #   |
| 25)                         | Chlordane-3     | 5.837  | 4.898  | 232.4E6  | 101.8E6  | 333.370  | 460.691 # |
| 26)                         | Chlordane-4     | 5.917  | 4.962  | 228.5E6  | 99992077 | 267.181  | 429.487 # |
| 27)                         | Chlordane-5     | 0.000  | 5.635  | 0        | 143587   | N.D.     | 2.219 #   |
| -----                       |                 |        |        |          |          |          |           |

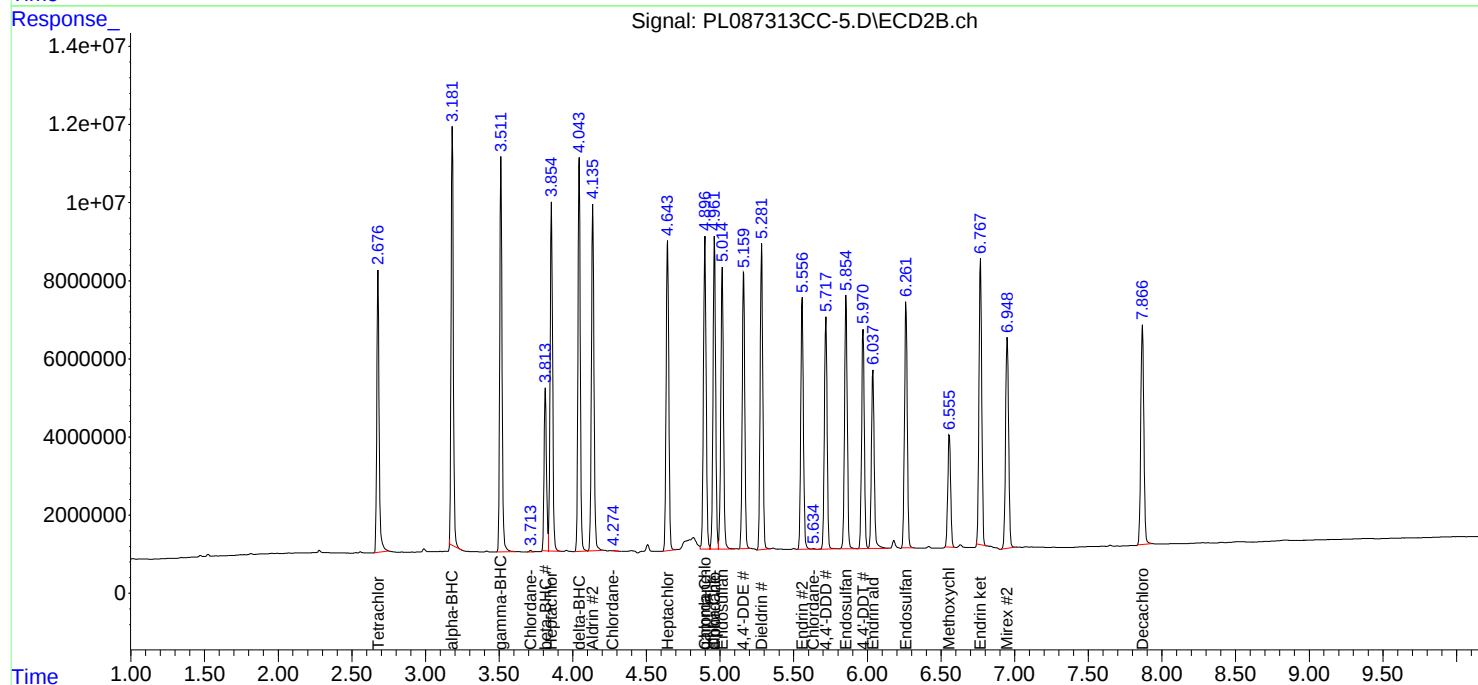
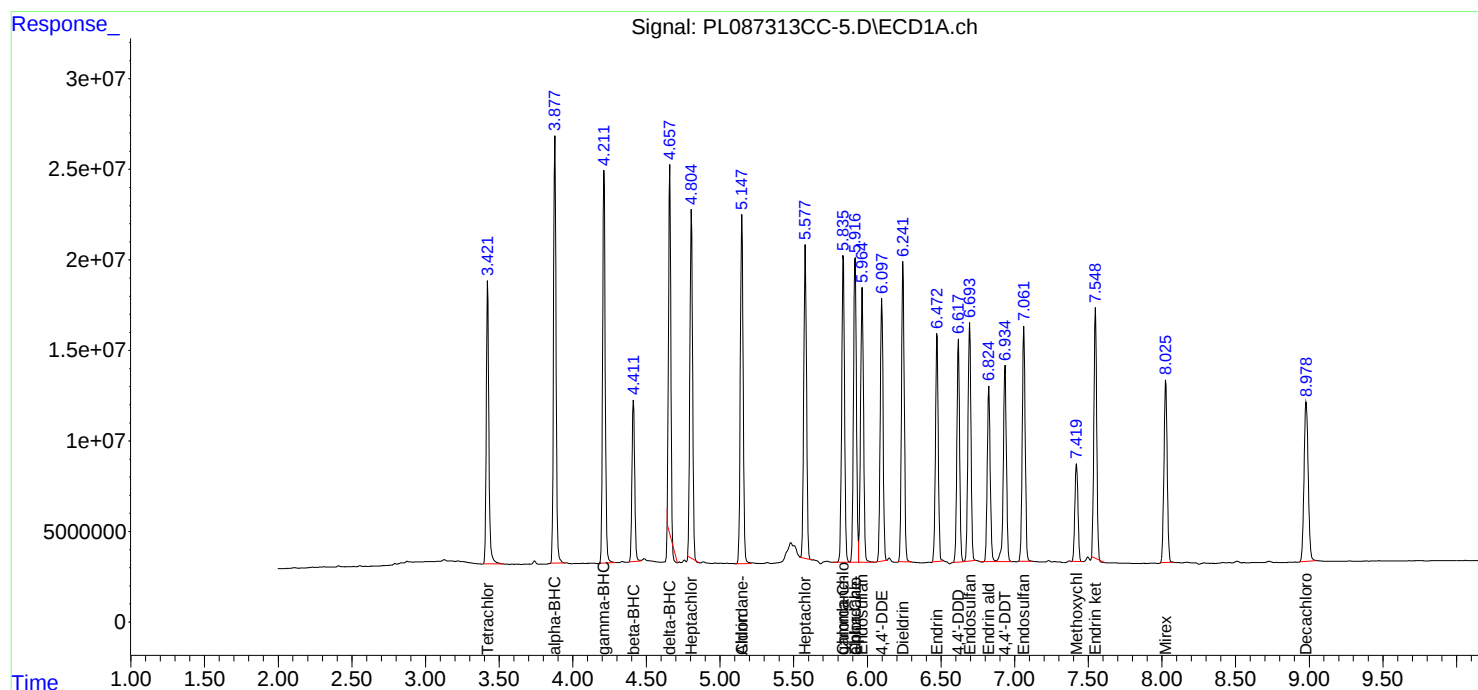
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

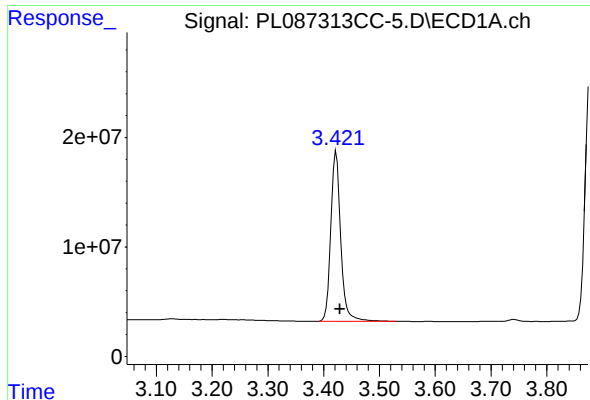
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122023\  
Data File : PL087313CC-5.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Dec 2023 23:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 01:48:46 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

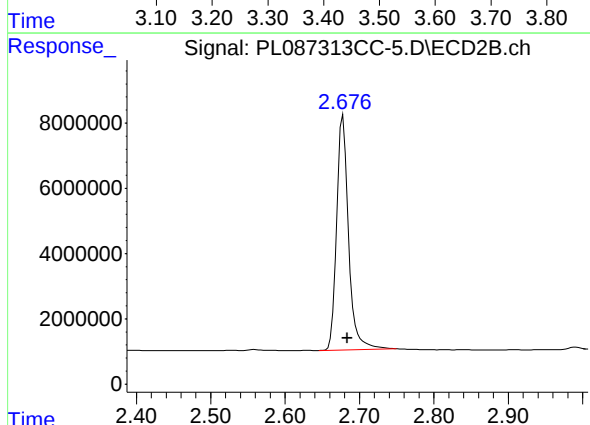




#1 Tetrachloro-m-xylene

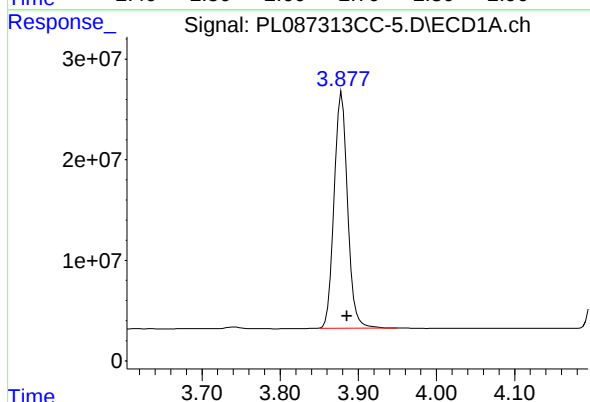
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 192219971  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



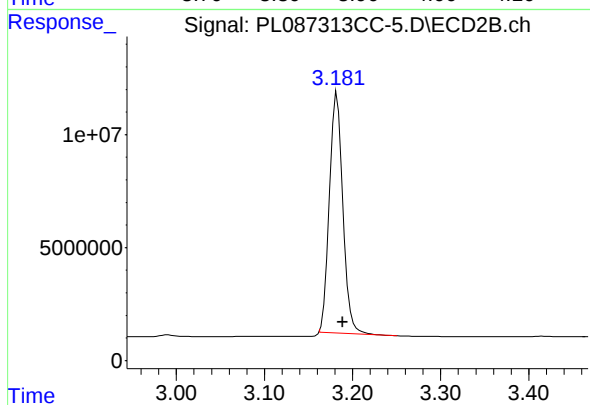
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.006 min  
Response: 80104030  
Conc: 47.59 ng/ml



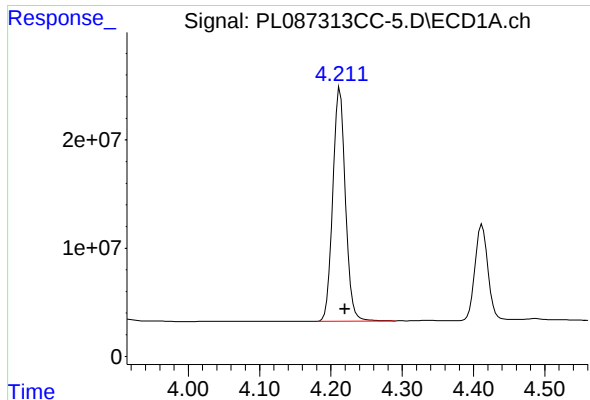
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 281003758  
Conc: 51.90 ng/ml



#2 alpha-BHC

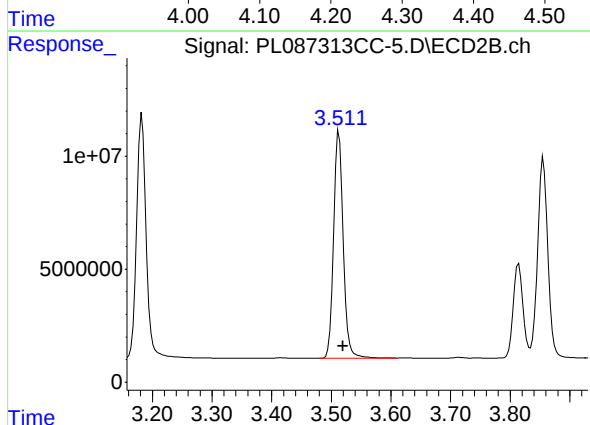
R.T.: 3.182 min  
Delta R.T.: -0.007 min  
Response: 112805317  
Conc: 45.90 ng/ml



#3 gamma-BHC (Lindane)

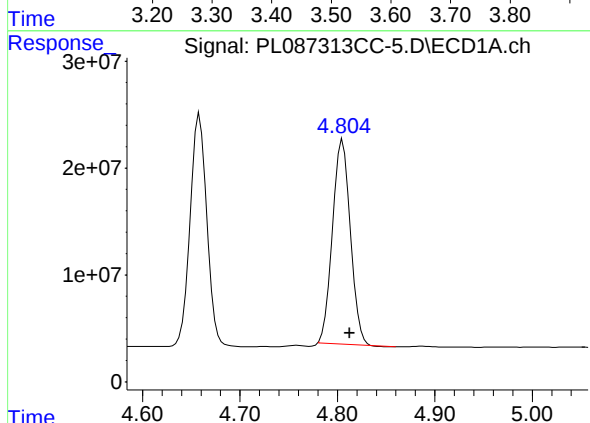
R.T.: 4.213 min  
Delta R.T.: -0.007 min  
Response: 265058097  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



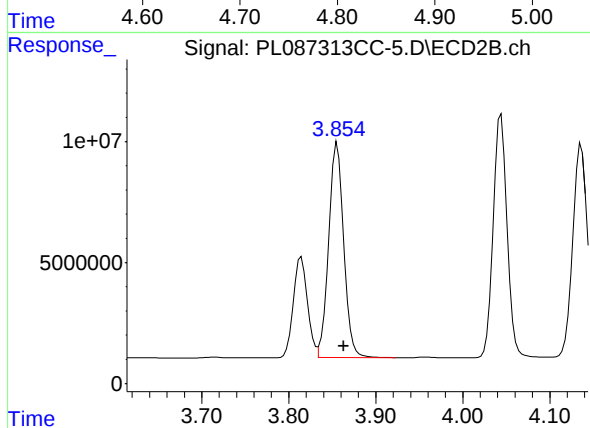
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 112684642  
Conc: 46.52 ng/ml



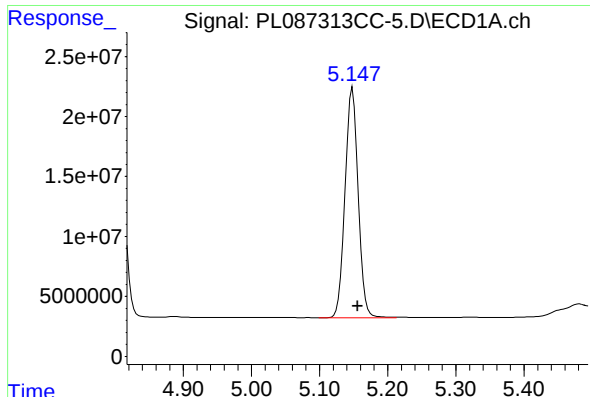
#4 Heptachlor

R.T.: 4.805 min  
Delta R.T.: -0.007 min  
Response: 243125902  
Conc: 45.64 ng/ml



#4 Heptachlor

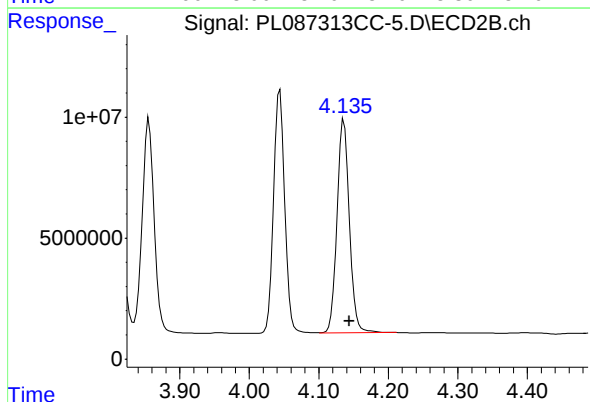
R.T.: 3.856 min  
Delta R.T.: -0.007 min  
Response: 105106283  
Conc: 43.97 ng/ml



#5 Aldrin

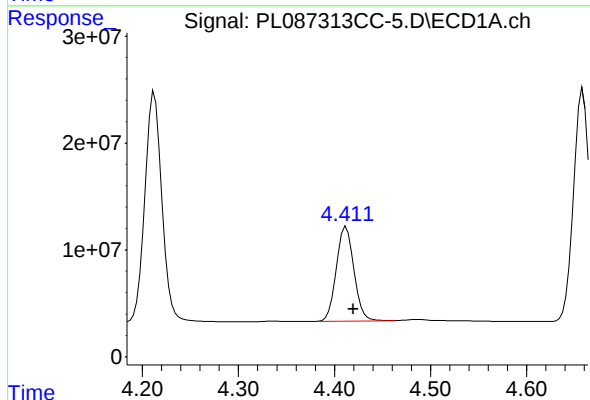
R.T.: 5.148 min  
Delta R.T.: -0.008 min  
Response: 256787736  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



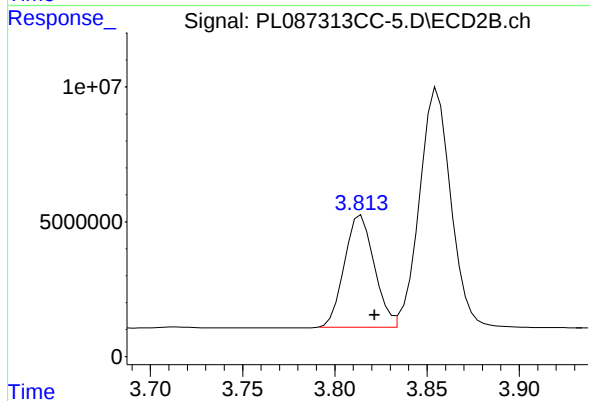
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.007 min  
Response: 108794674  
Conc: 45.37 ng/ml



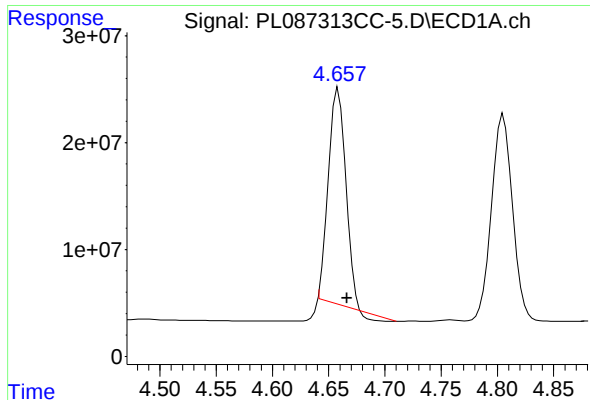
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.007 min  
Response: 111550084  
Conc: 48.57 ng/ml



#6 beta-BHC

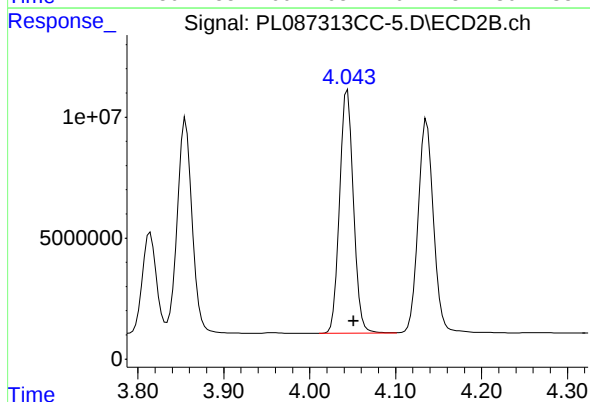
R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 46861952  
Conc: 45.02 ng/ml



#7 delta-BHC

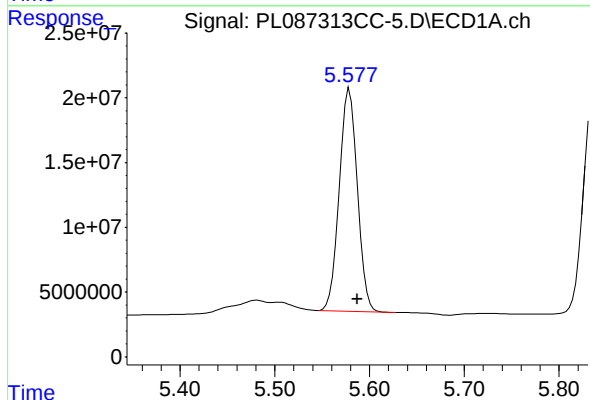
R.T.: 4.659 min  
Delta R.T.: -0.008 min  
Response: 212732893  
Conc: 40.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



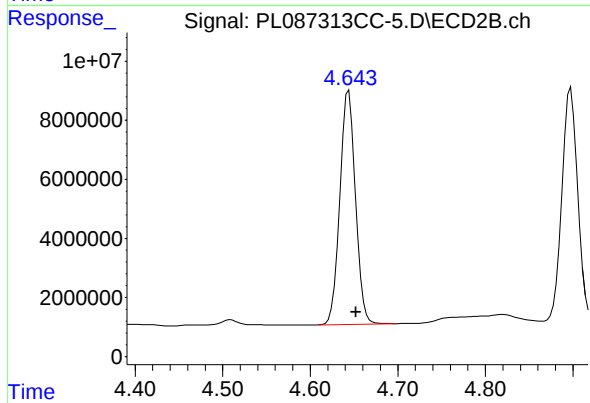
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 112275395  
Conc: 45.90 ng/ml



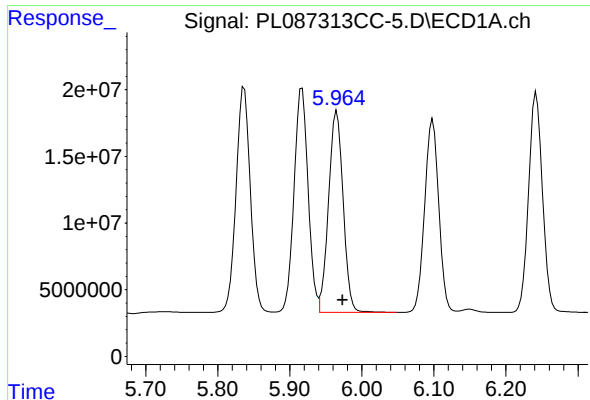
#8 Heptachlor epoxide

R.T.: 5.579 min  
Delta R.T.: -0.008 min  
Response: 227671464  
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

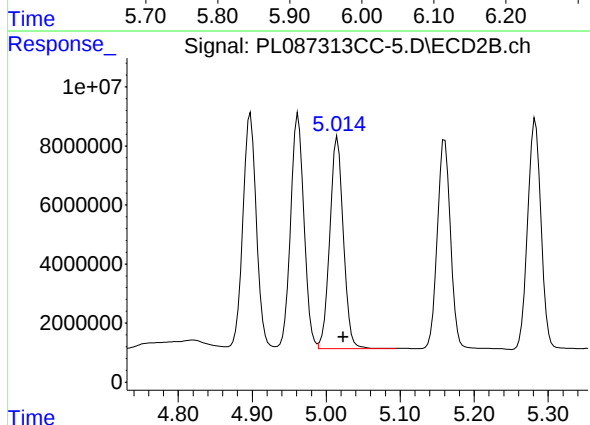
R.T.: 4.644 min  
Delta R.T.: -0.008 min  
Response: 98187159  
Conc: 44.12 ng/ml



#9 Endosulfan I

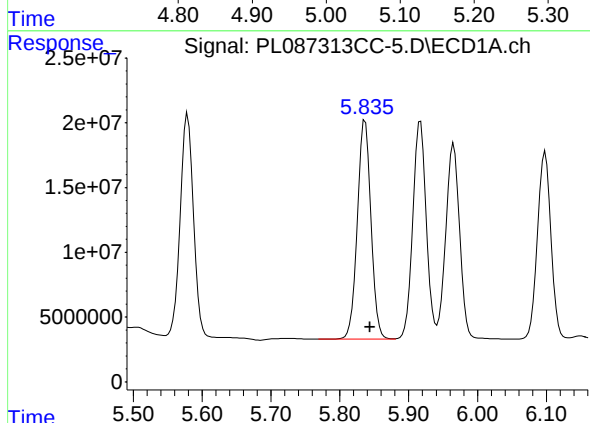
R.T.: 5.965 min  
Delta R.T.: -0.008 min  
Response: 211258674  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



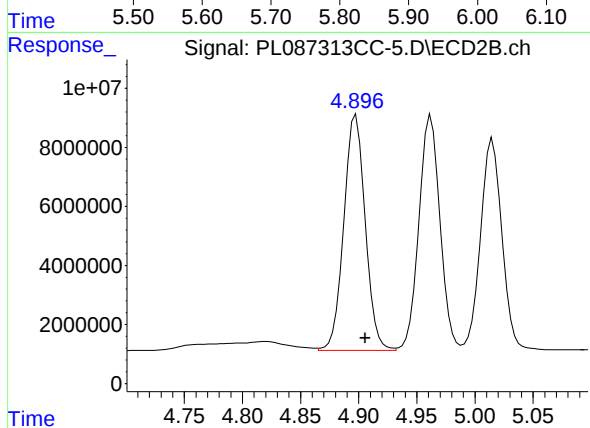
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.008 min  
Response: 91855795  
Conc: 42.50 ng/ml



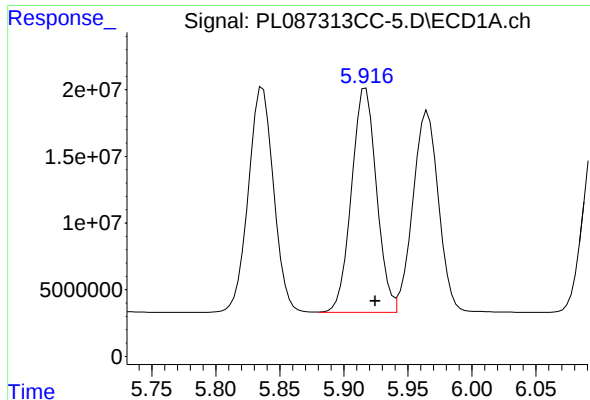
#10 gamma-Chlordane

R.T.: 5.837 min  
Delta R.T.: -0.007 min  
Response: 232377250  
Conc: 47.93 ng/ml



#10 gamma-Chlordane

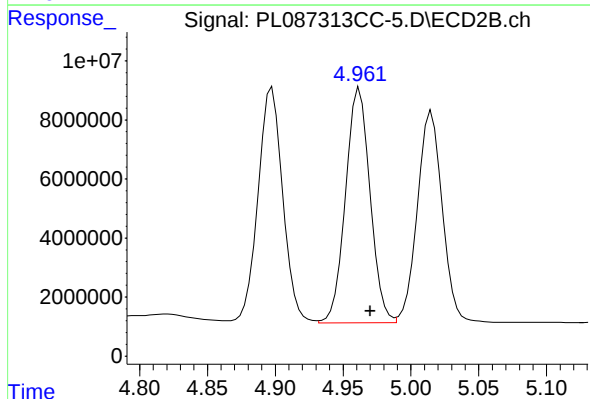
R.T.: 4.898 min  
Delta R.T.: -0.008 min  
Response: 101843567  
Conc: 44.52 ng/ml



#11 alpha-Chlordane

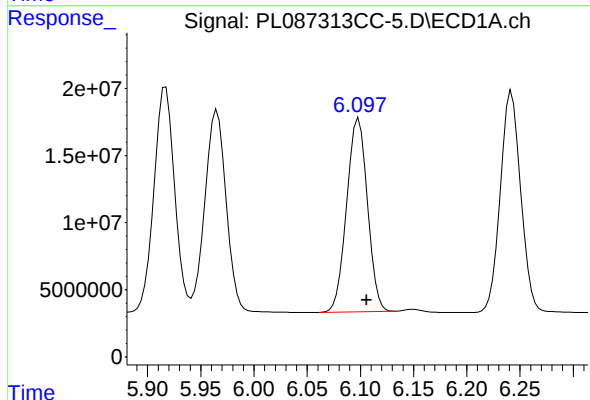
R.T.: 5.917 min  
Delta R.T.: -0.007 min  
Response: 228458197  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



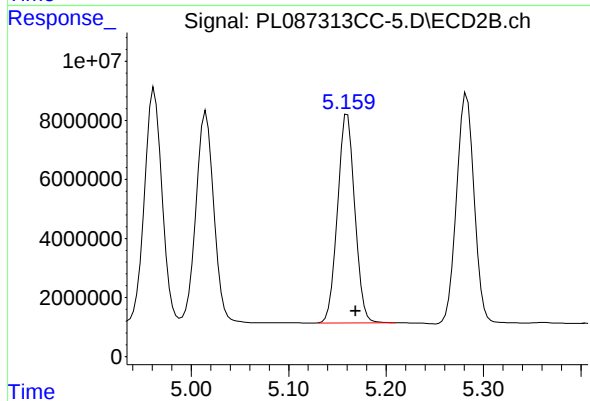
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 99992077  
Conc: 43.32 ng/ml



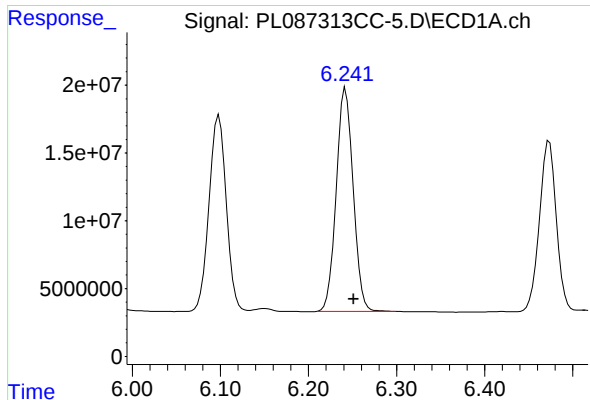
#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 195071069  
Conc: 47.07 ng/ml



#12 4,4'-DDE

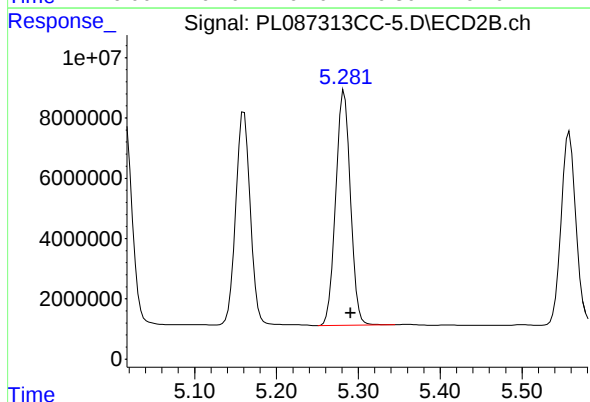
R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 87035238  
Conc: 43.83 ng/ml



#13 Dieldrin

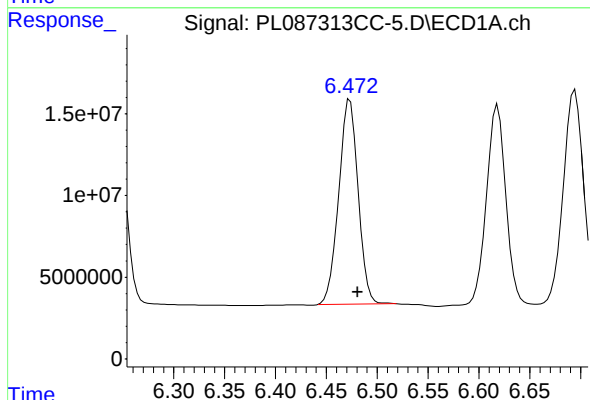
R.T.: 6.242 min  
Delta R.T.: -0.009 min  
Response: 219878242  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



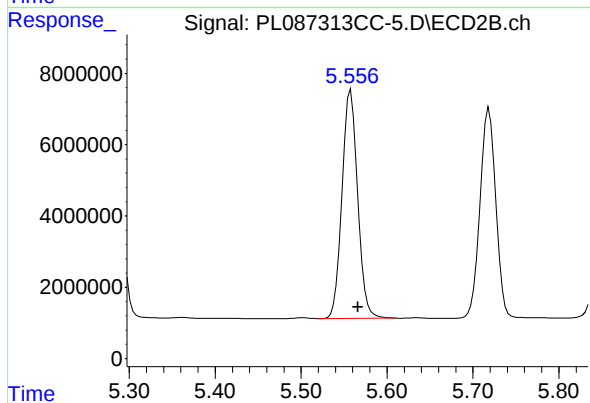
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: -0.008 min  
Response: 97714351  
Conc: 43.86 ng/ml



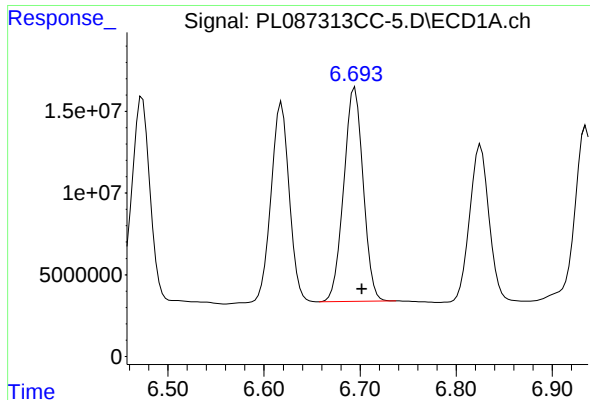
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: -0.007 min  
Response: 166401557  
Conc: 43.25 ng/ml



#14 Endrin

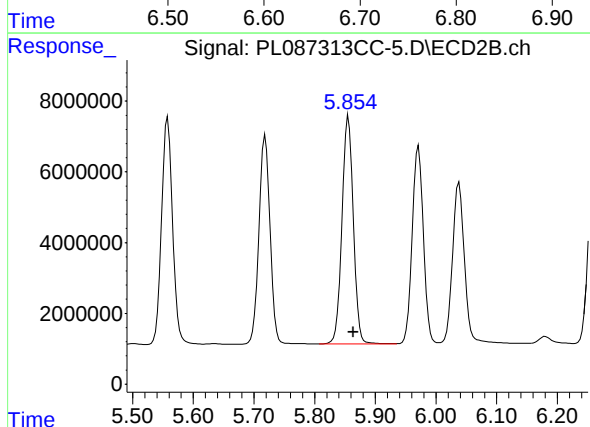
R.T.: 5.558 min  
Delta R.T.: -0.008 min  
Response: 80789857  
Conc: 40.48 ng/ml



#15 Endosulfan II

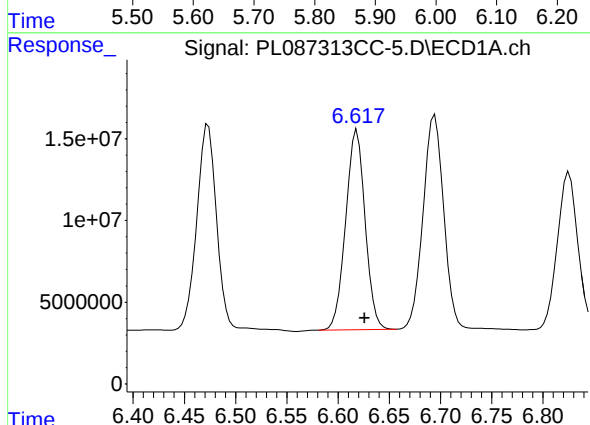
R.T.: 6.695 min  
Delta R.T.: -0.007 min  
Response: 182592154  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



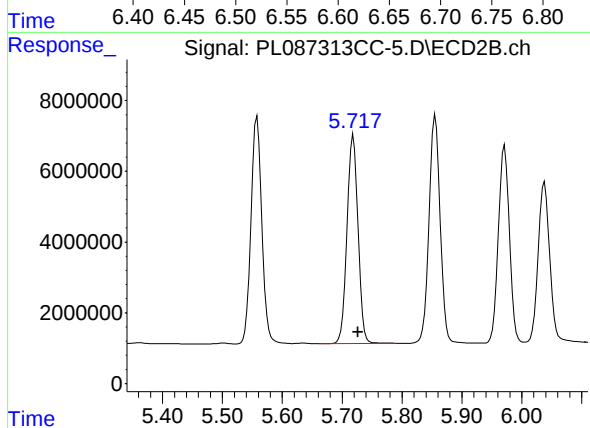
#15 Endosulfan II

R.T.: 5.856 min  
Delta R.T.: -0.008 min  
Response: 83458162  
Conc: 42.86 ng/ml



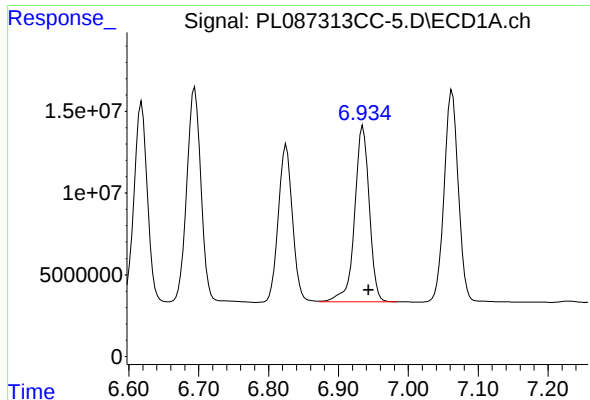
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: -0.007 min  
Response: 160829439  
Conc: 48.66 ng/ml



#16 4,4'-DDD

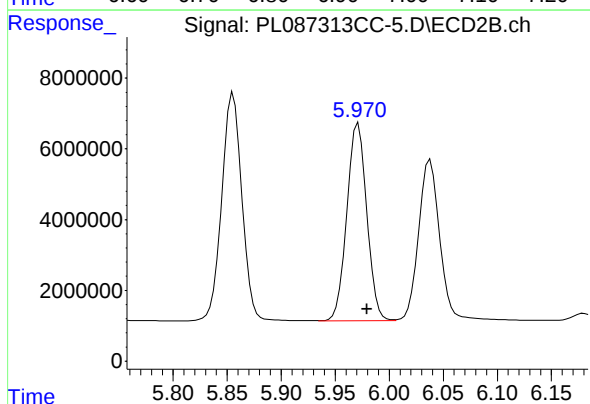
R.T.: 5.719 min  
Delta R.T.: -0.008 min  
Response: 75271368  
Conc: 45.46 ng/ml



#17 4,4'-DDT

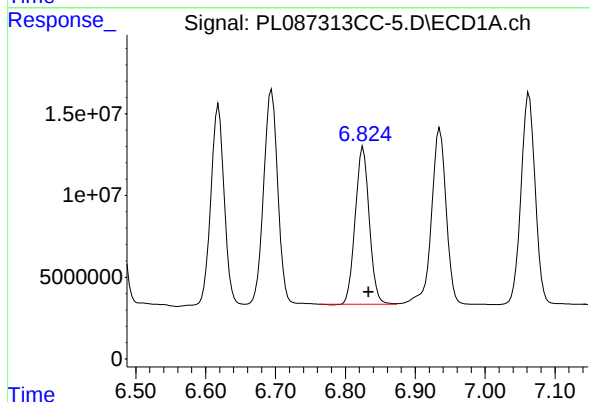
R.T.: 6.935 min  
Delta R.T.: -0.008 min  
Response: 157589662  
Conc: 41.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



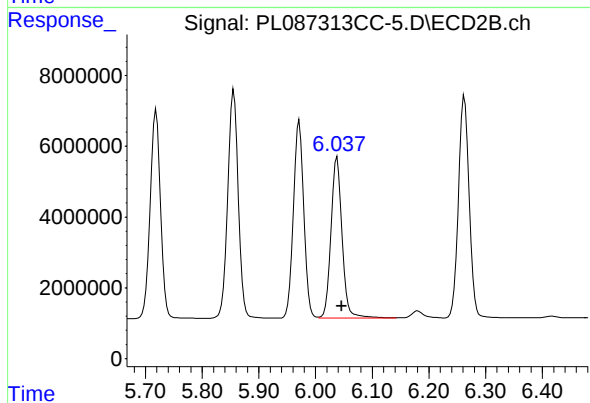
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.008 min  
Response: 71664274  
Conc: 38.86 ng/ml



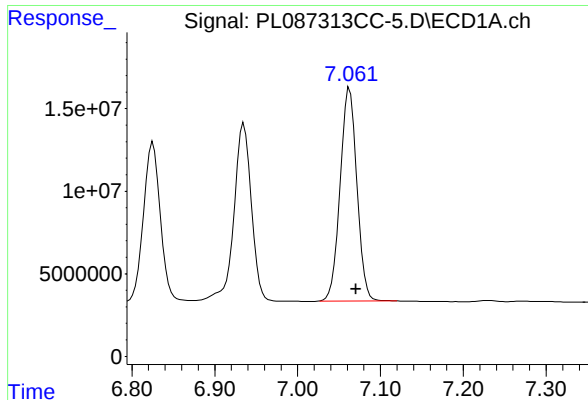
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: -0.008 min  
Response: 134672178  
Conc: 46.46 ng/ml



#18 Endrin aldehyde

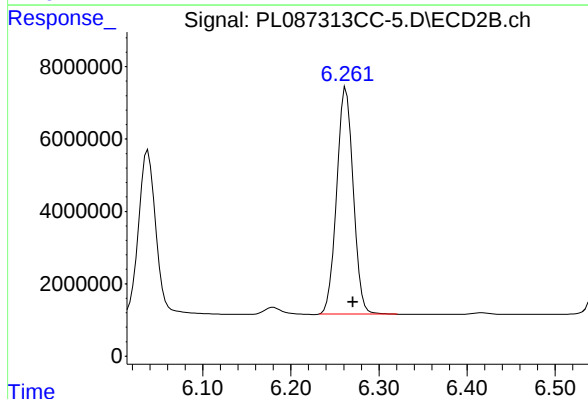
R.T.: 6.038 min  
Delta R.T.: -0.008 min  
Response: 62355240  
Conc: 42.49 ng/ml



#19 Endosulfan Sulfate

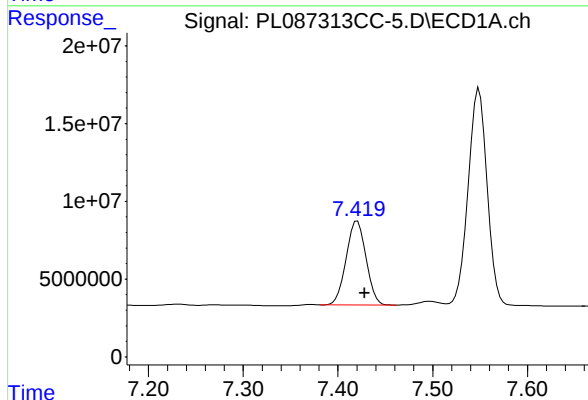
R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 181503357  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



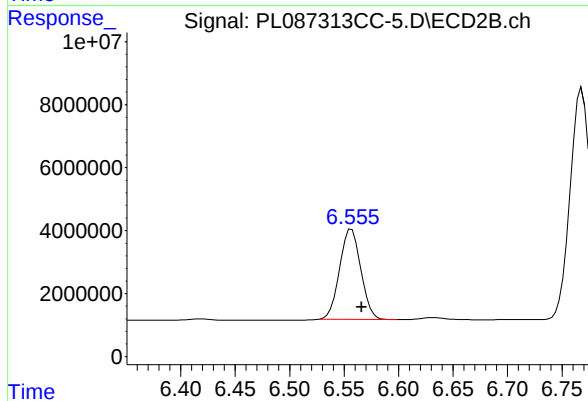
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 81866065  
Conc: 43.46 ng/ml



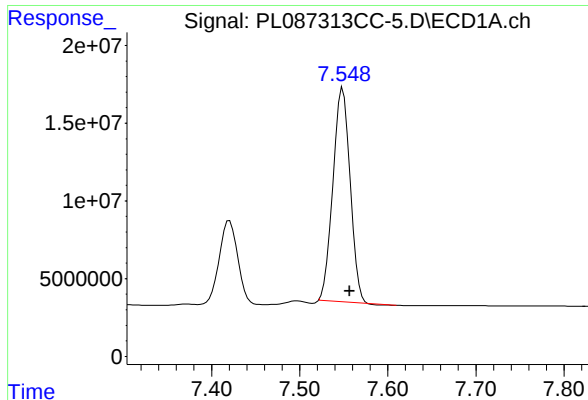
#20 Methoxychlor

R.T.: 7.420 min  
Delta R.T.: -0.008 min  
Response: 78672613  
Conc: 40.35 ng/ml



#20 Methoxychlor

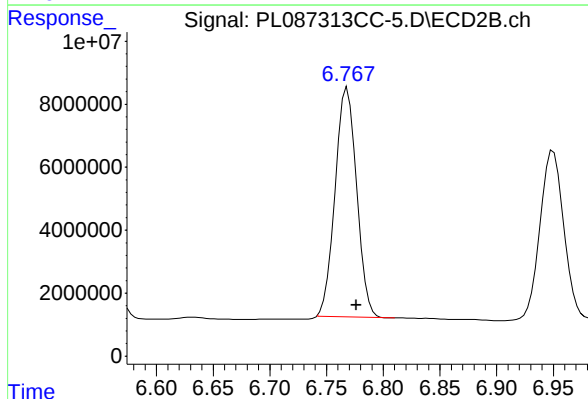
R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 38736456  
Conc: 37.93 ng/ml



#21 Endrin ketone

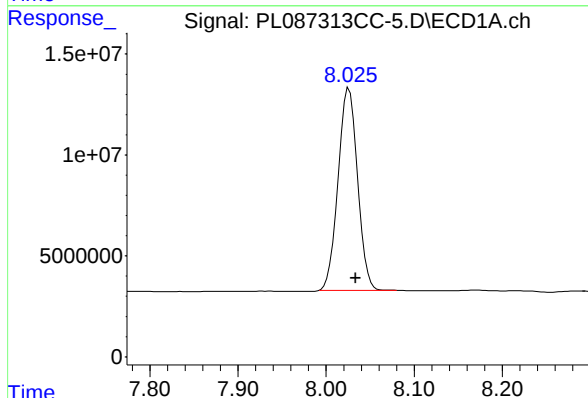
R.T.: 7.549 min  
Delta R.T.: -0.008 min  
Response: 185868974  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



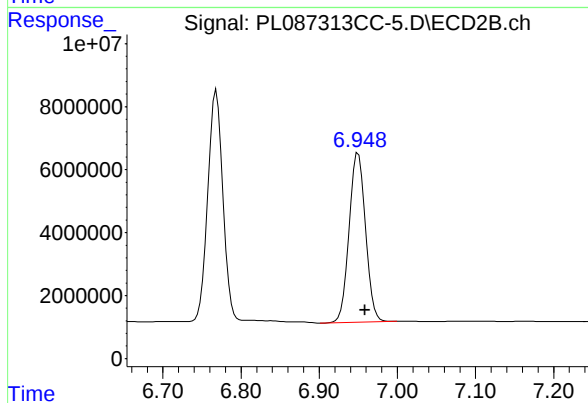
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.008 min  
Response: 95904842  
Conc: 45.05 ng/ml



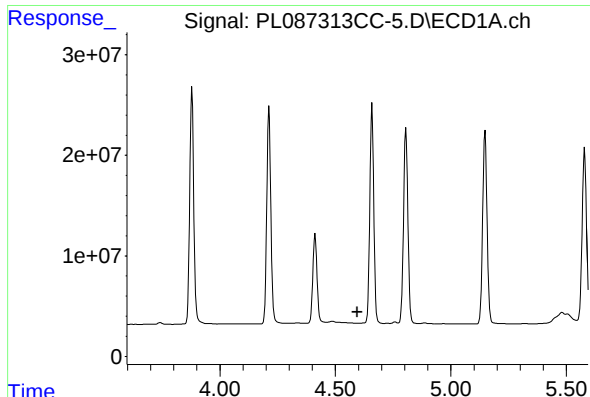
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: -0.007 min  
Response: 154104435  
Conc: 45.76 ng/ml



#22 Mirex

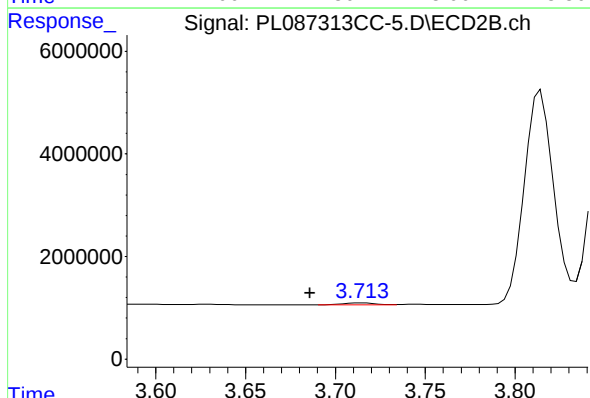
R.T.: 6.950 min  
Delta R.T.: -0.009 min  
Response: 78574027  
Conc: 44.16 ng/ml



#23 Chlordane-1

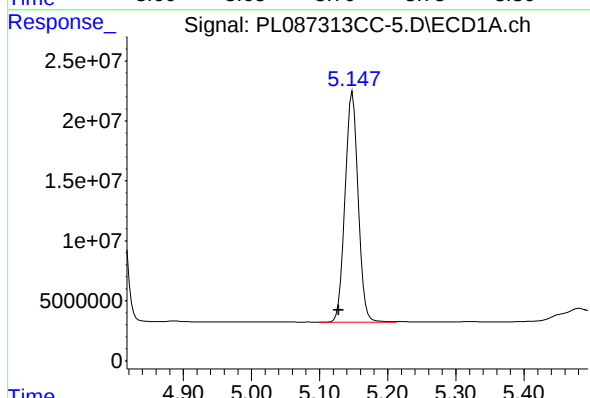
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



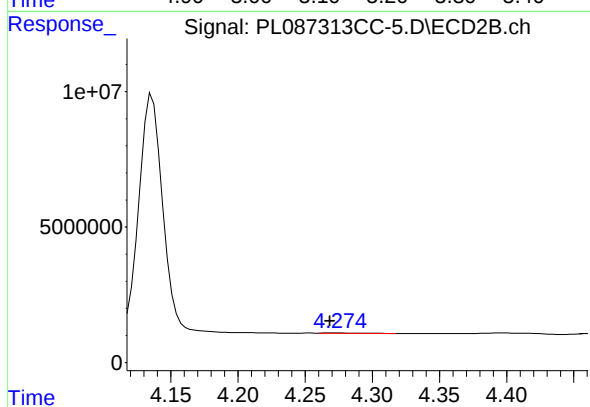
#23 Chlordane-1

R.T.: 3.715 min  
Delta R.T.: 0.029 min  
Response: 416974  
Conc: 6.72 ng/ml



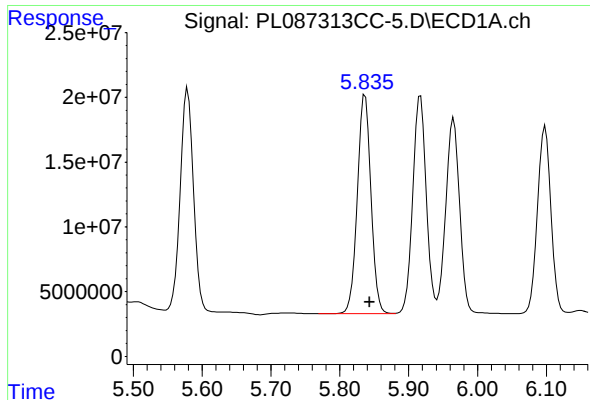
#24 Chlordane-2

R.T.: 5.148 min  
Delta R.T.: 0.020 min  
Response: 256787736  
Conc: 1474.19 ng/ml



#24 Chlordane-2

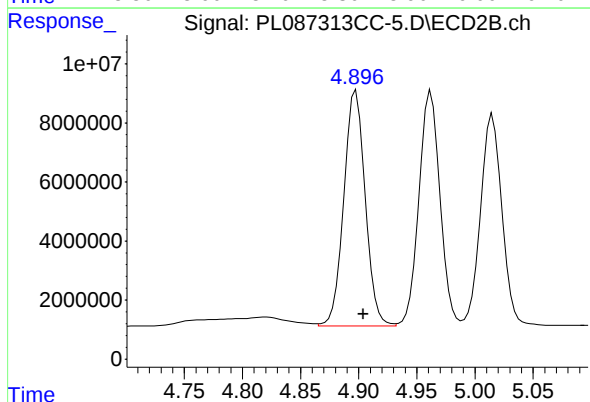
R.T.: 4.272 min  
Delta R.T.: 0.004 min  
Response: 226719  
Conc: 2.95 ng/ml



#25 Chlordane-3

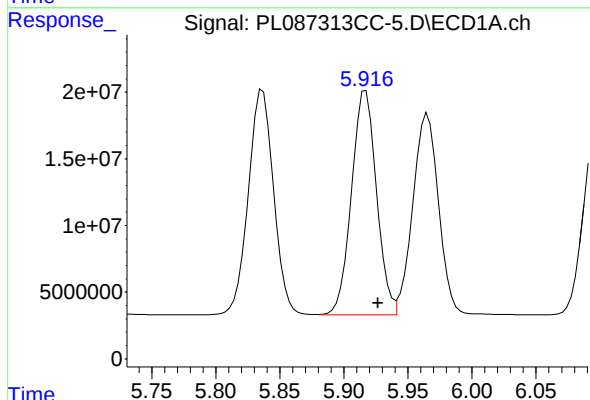
R.T.: 5.837 min  
Delta R.T.: -0.006 min  
Response: 232377250  
Conc: 333.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



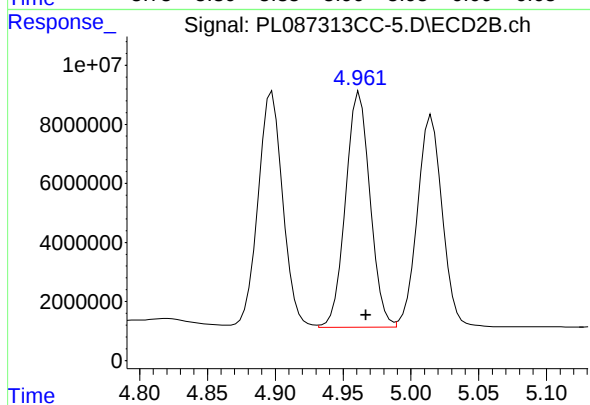
#25 Chlordane-3

R.T.: 4.898 min  
Delta R.T.: -0.006 min  
Response: 101843567  
Conc: 460.69 ng/ml



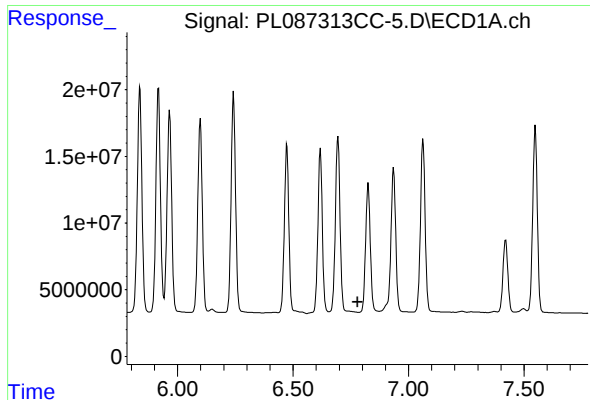
#26 Chlordane-4

R.T.: 5.917 min  
Delta R.T.: -0.010 min  
Response: 228458197  
Conc: 267.18 ng/ml



#26 Chlordane-4

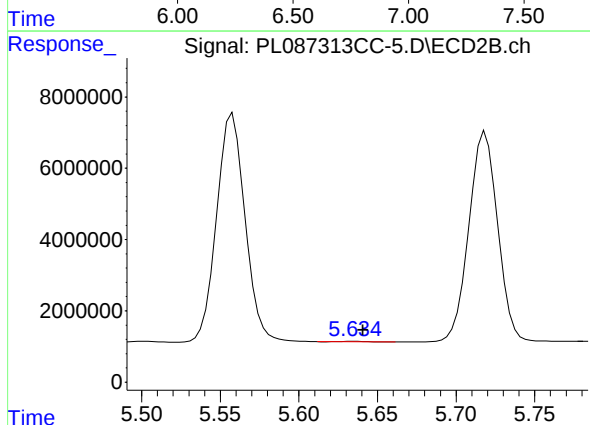
R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 99992077  
Conc: 429.49 ng/ml



#27 Chlordane-5

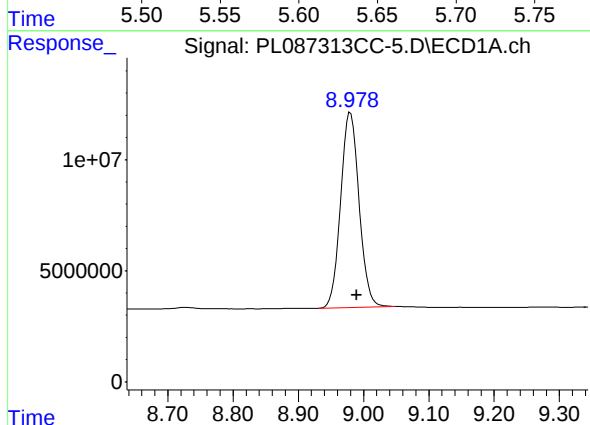
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



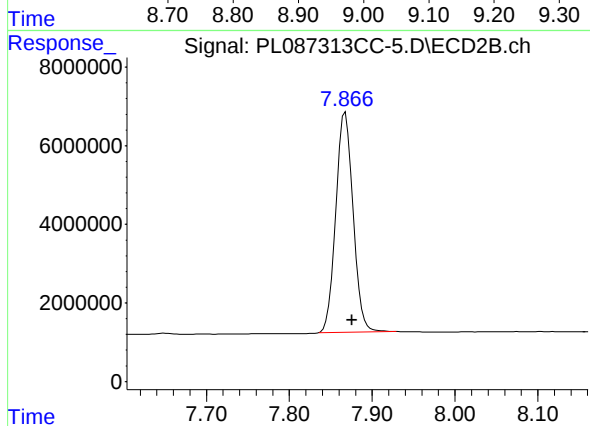
#27 Chlordane-5

R.T.: 5.635 min  
Delta R.T.: -0.006 min  
Response: 143587  
Conc: 2.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: -0.009 min  
Response: 172583504  
Conc: 50.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 81377756  
Conc: 48.18 ng/ml