

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
 Data File : PL087498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2023 18:29  
 Operator : AR\AJ  
 Sample : PB158040BS  
 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 26 20:37:51 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... | 3.429  | 2.678  | 50245205 | 21345994 | 13.351  | 12.681    |
| 28)                         | SA Decachlor... | 8.990  | 7.868  | 53429533 | 23610878 | 15.669  | 13.980    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.885  | 3.182  | 59077353 | 23983049 | 10.912  | 9.759     |
| 3)                          | MA gamma-BHC... | 4.219  | 3.513  | 57499446 | 23696650 | 10.940  | 9.782     |
| 4)                          | MA Heptachlor   | 4.811  | 3.855  | 60850369 | 24600161 | 11.424  | 10.292    |
| 5)                          | MB Aldrin       | 5.155  | 4.136  | 54902359 | 23308596 | 10.545  | 9.721     |
| 6)                          | B beta-BHC      | 4.419  | 3.814  | 26871392 | 11290122 | 11.700  | 10.846    |
| 7)                          | B delta-BHC     | 4.665  | 4.044  | 54015362 | 23426944 | 10.329  | 9.577     |
| 8)                          | B Heptachlo...  | 5.585  | 4.643  | 53616792 | 23073980 | 11.377  | 10.369    |
| 9)                          | A Endosulfan I  | 5.971  | 5.014  | 50788185 | 21600330 | 11.371  | 9.995     |
| 10)                         | B gamma-Chl...  | 5.843  | 4.897  | 54322750 | 24872532 | 11.205  | 10.874    |
| 11)                         | B alpha-Chl...  | 5.923  | 4.961  | 53779100 | 24572705 | 11.190  | 10.647    |
| 12)                         | B 4,4'-DDE      | 6.105  | 5.159  | 43993658 | 18652125 | 10.616  | 9.394     |
| 13)                         | MA Dieldrin     | 6.250  | 5.281  | 49064586 | 20897116 | 10.572  | 9.380     |
| 14)                         | MA Endrin       | 6.479  | 5.557  | 40555245 | 19006263 | 10.541  | 9.524     |
| 15)                         | B Endosulfa...  | 6.701  | 5.855  | 42205489 | 18536929 | 10.524  | 9.521     |
| 16)                         | A 4,4'-DDD      | 6.625  | 5.718  | 36690216 | 16024397 | 11.101  | 9.678     |
| 17)                         | MA 4,4'-DDT     | 6.943  | 5.970  | 40089837 | 16724342 | 10.662  | 9.068     |
| 18)                         | B Endrin al...  | 6.833  | 6.037  | 33583050 | 15397700 | 11.587  | 10.492    |
| 19)                         | B Endosulfa...  | 7.069  | 6.262  | 45185267 | 19453665 | 11.507  | 10.327    |
| 20)                         | A Methoxychlor  | 7.428  | 6.557  | 22034997 | 10170283 | 11.300  | 9.957     |
| 21)                         | B Endrin ke...  | 7.556  | 6.768  | 45484306 | 21795057 | 11.180  | 10.239    |
| 22)                         | Mirex           | 8.033  | 6.950  | 37375465 | 18072060 | 11.097  | 10.158    |
| 23)                         | Chlordane-1     | 0.000  | 3.713f | 0        | 132682   | N.D.    | 2.139 #   |
| 24)                         | Chlordane-2     | 5.155f | 4.246f | 54902359 | -51      | 315.189 | N.D. #    |
| 25)                         | Chlordane-3     | 5.843  | 4.897  | 54322750 | 24872532 | 77.932  | 112.511 # |
| 26)                         | Chlordane-4     | 5.923  | 4.961  | 53779100 | 24572705 | 62.894  | 105.545 # |
| 27)                         | Chlordane-5     | 0.000  | 5.638  | 0        | 42341    | N.D.    | 0.654 #   |
| -----                       |                 |        |        |          |          |         |           |

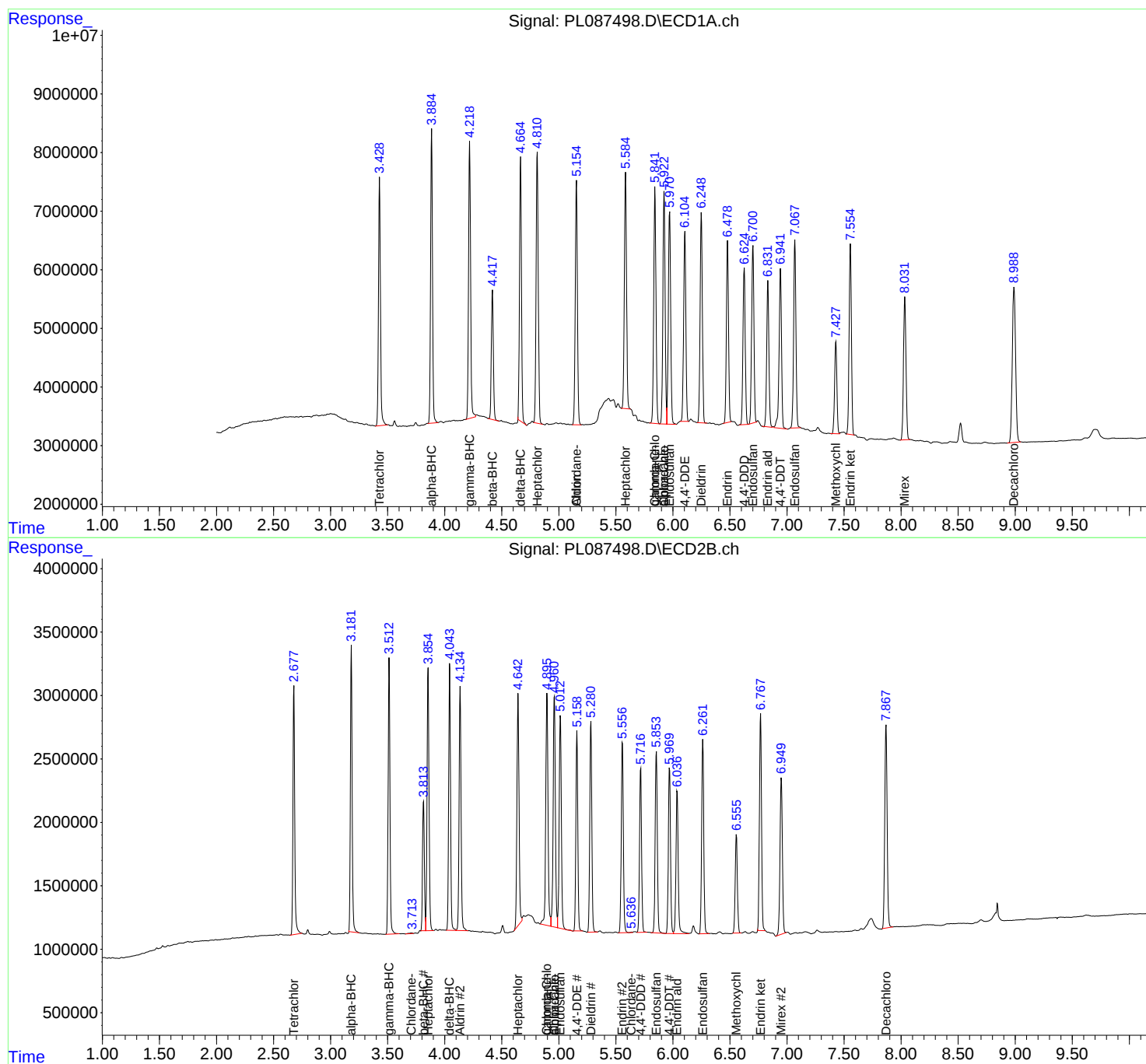
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

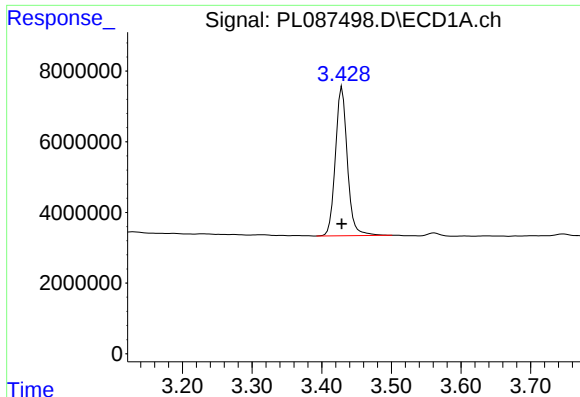
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
Data File : PL087498.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2023 18:29  
Operator : AR\AJ  
Sample : PB158040BS  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 20:37:51 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

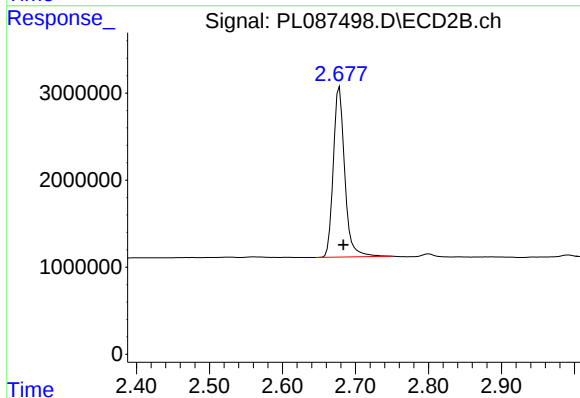




#1 Tetrachloro-m-xylene

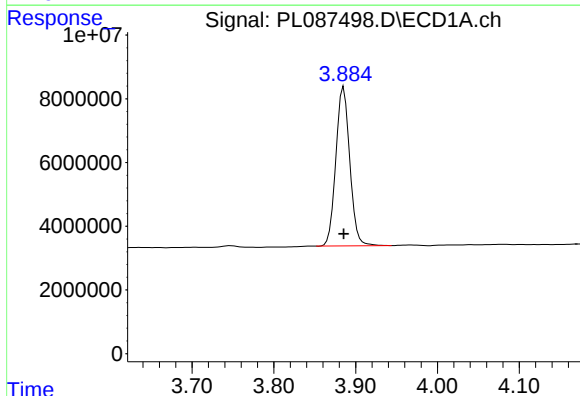
R.T.: 3.429 min  
Delta R.T.: 0.000 min  
Response: 50245205  
Conc: 13.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



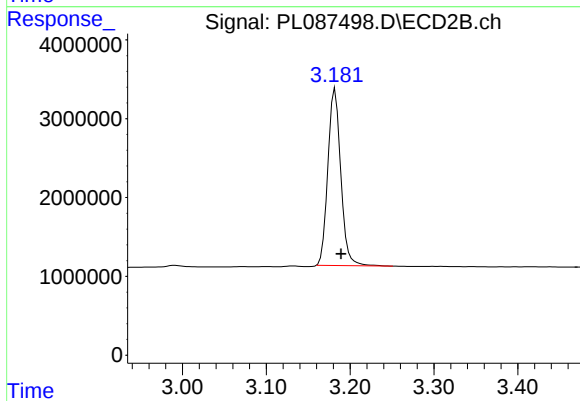
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.005 min  
Response: 21345994  
Conc: 12.68 ng/ml



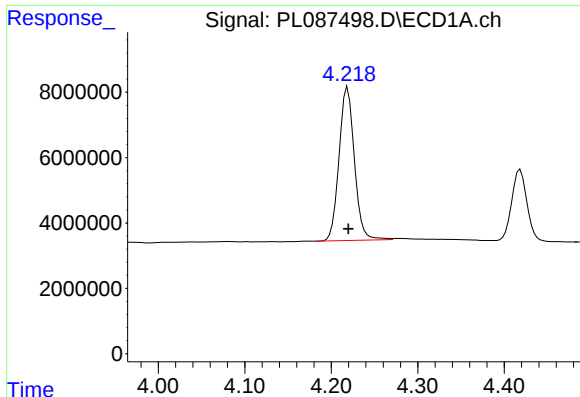
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 59077353  
Conc: 10.91 ng/ml



#2 alpha-BHC

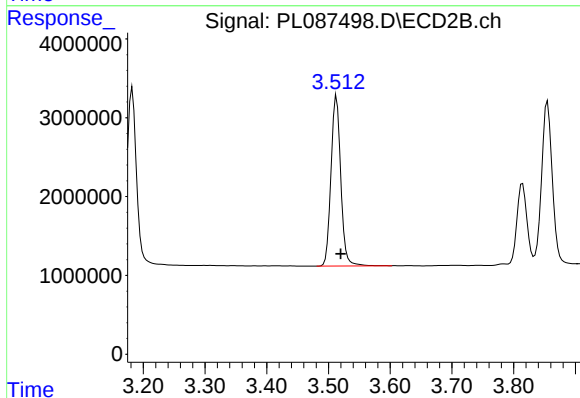
R.T.: 3.182 min  
Delta R.T.: -0.007 min  
Response: 23983049  
Conc: 9.76 ng/ml



#3 gamma-BHC (Lindane)

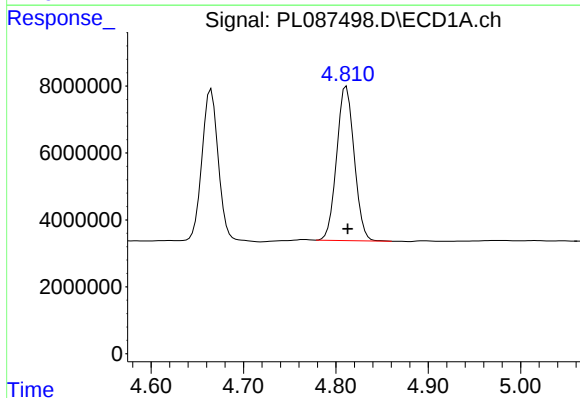
R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 57499446  
Conc: 10.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



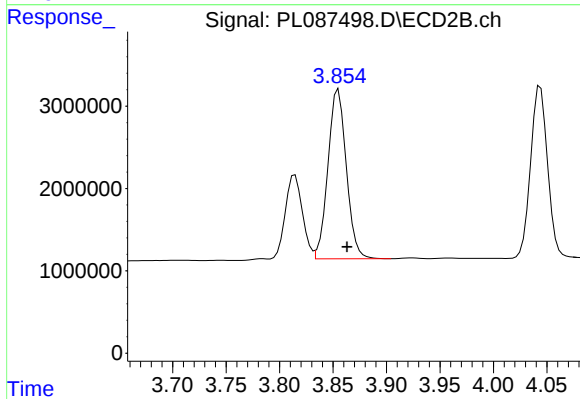
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 23696650  
Conc: 9.78 ng/ml



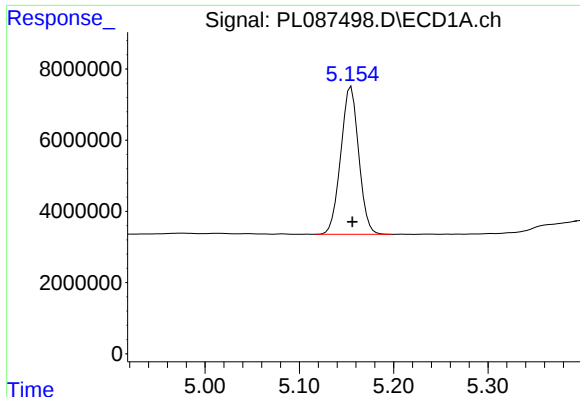
#4 Heptachlor

R.T.: 4.811 min  
Delta R.T.: -0.001 min  
Response: 60850369  
Conc: 11.42 ng/ml



#4 Heptachlor

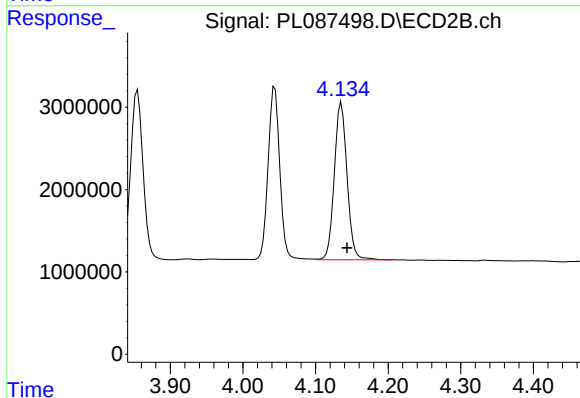
R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 24600161  
Conc: 10.29 ng/ml



#5 Aldrin

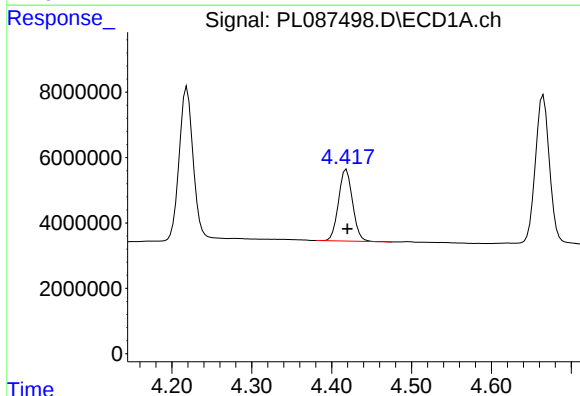
R.T.: 5.155 min  
Delta R.T.: -0.001 min  
Response: 54902359  
Conc: 10.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



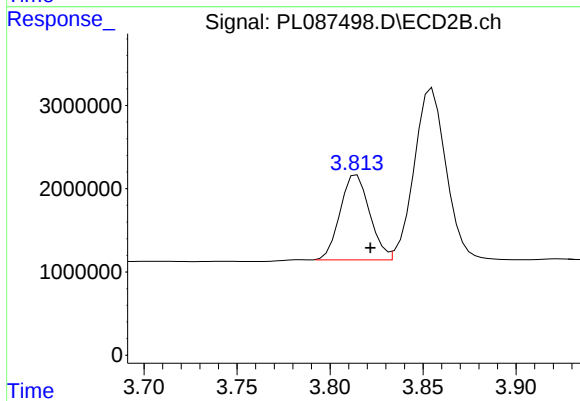
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.008 min  
Response: 23308596  
Conc: 9.72 ng/ml



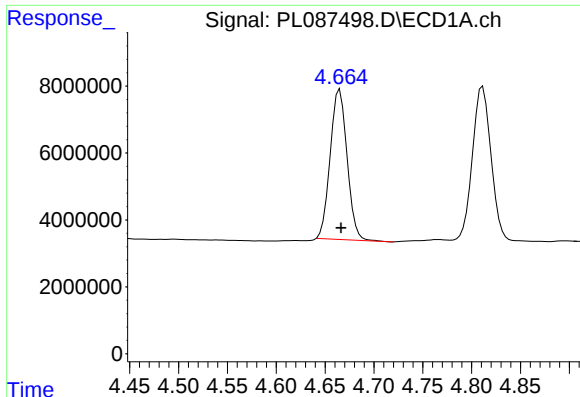
#6 beta-BHC

R.T.: 4.419 min  
Delta R.T.: -0.001 min  
Response: 26871392  
Conc: 11.70 ng/ml



#6 beta-BHC

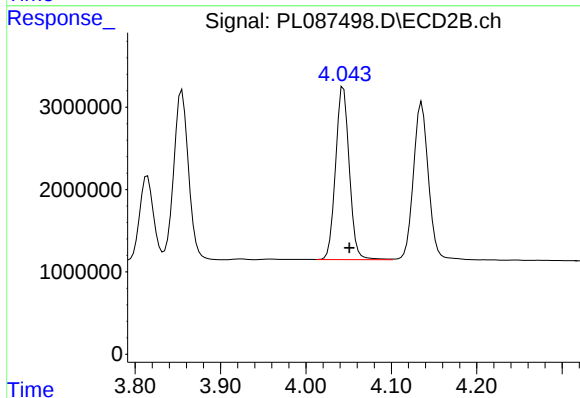
R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 11290122  
Conc: 10.85 ng/ml



#7 delta-BHC

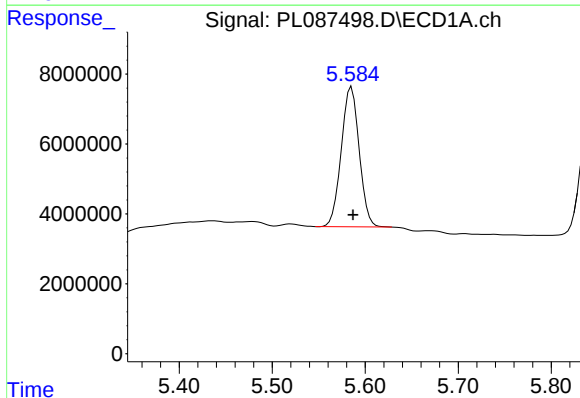
R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 54015362  
Conc: 10.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



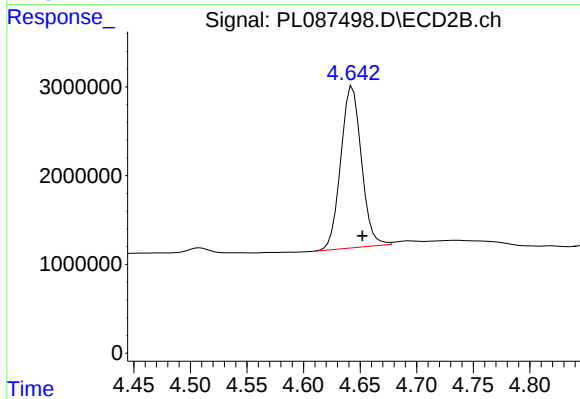
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 23426944  
Conc: 9.58 ng/ml



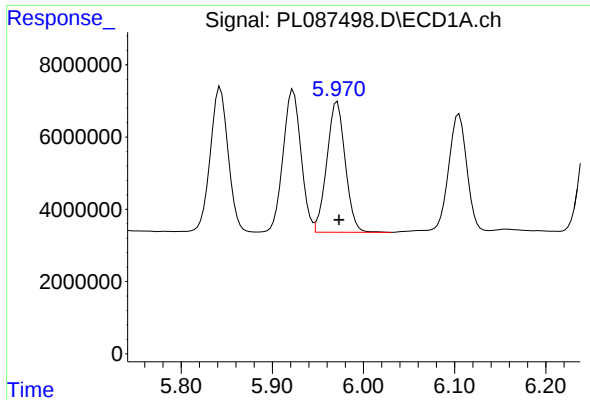
#8 Heptachlor epoxide

R.T.: 5.585 min  
Delta R.T.: -0.002 min  
Response: 53616792  
Conc: 11.38 ng/ml



#8 Heptachlor epoxide

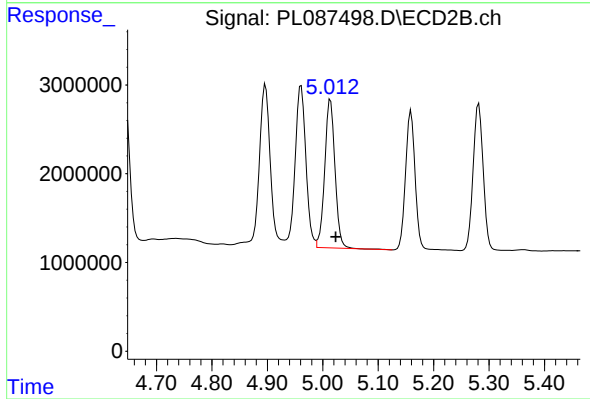
R.T.: 4.643 min  
Delta R.T.: -0.009 min  
Response: 23073980  
Conc: 10.37 ng/ml



#9 Endosulfan I

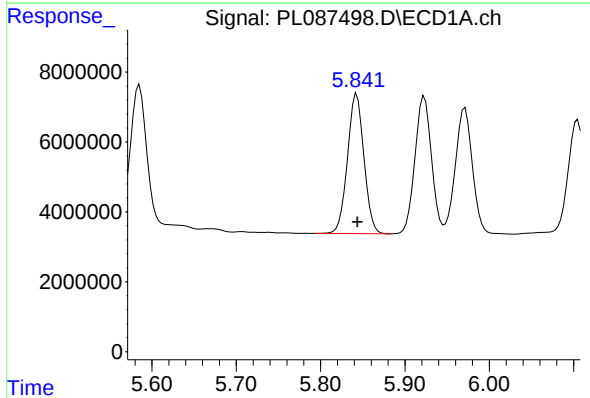
R.T.: 5.971 min  
Delta R.T.: -0.002 min  
Response: 50788185  
Conc: 11.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



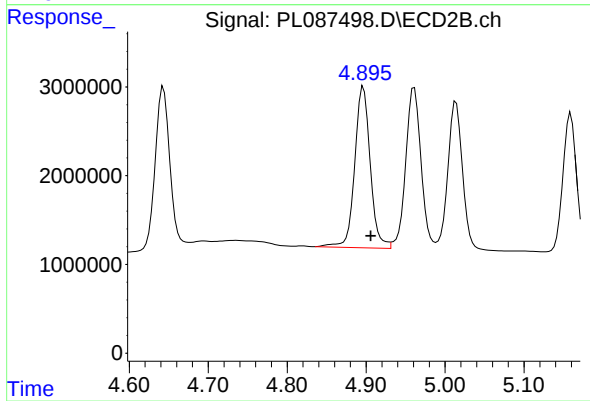
#9 Endosulfan I

R.T.: 5.014 min  
Delta R.T.: -0.010 min  
Response: 21600330  
Conc: 9.99 ng/ml



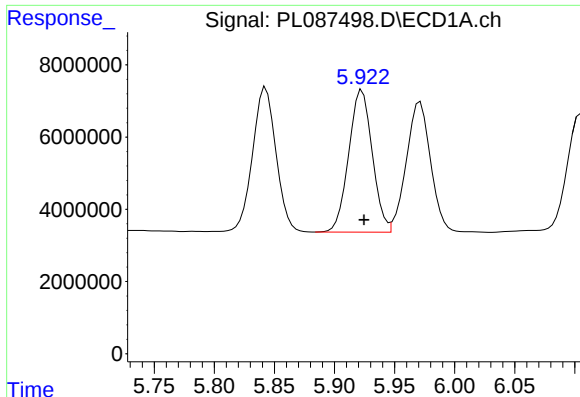
#10 gamma-Chlordane

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 54322750  
Conc: 11.21 ng/ml



#10 gamma-Chlordane

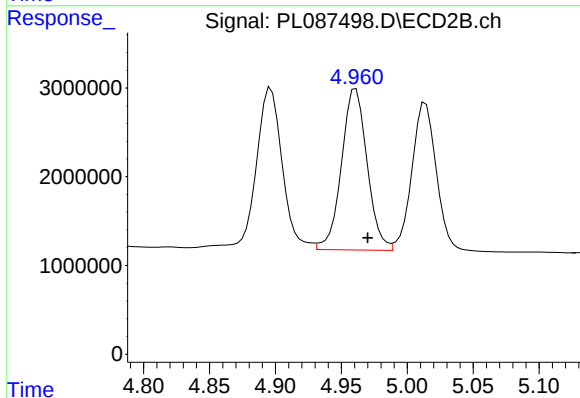
R.T.: 4.897 min  
Delta R.T.: -0.009 min  
Response: 24872532  
Conc: 10.87 ng/ml



#11 alpha-Chlordane

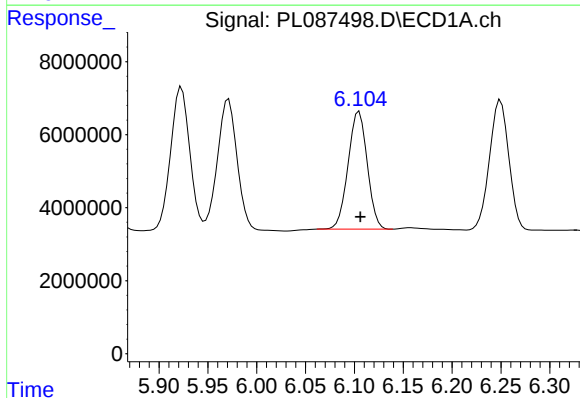
R.T.: 5.923 min  
Delta R.T.: -0.001 min  
Response: 53779100  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



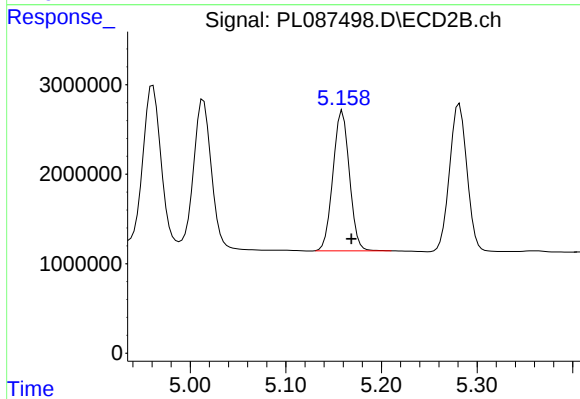
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.009 min  
Response: 24572705  
Conc: 10.65 ng/ml



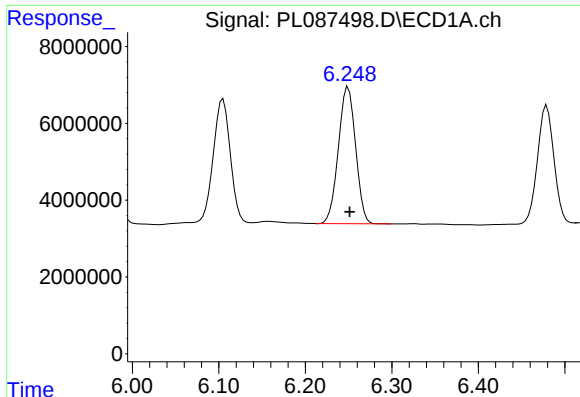
#12 4,4'-DDE

R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 43993658  
Conc: 10.62 ng/ml



#12 4,4'-DDE

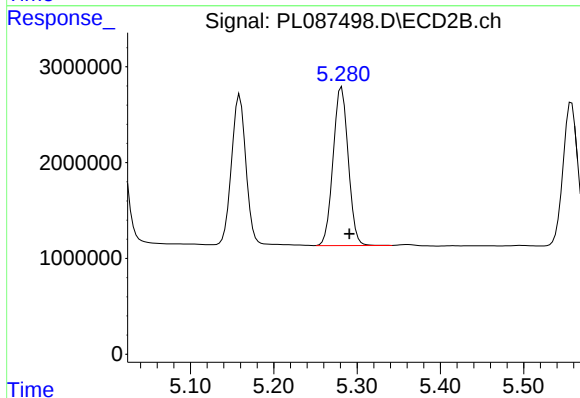
R.T.: 5.159 min  
Delta R.T.: -0.009 min  
Response: 18652125  
Conc: 9.39 ng/ml



#13 Dieldrin

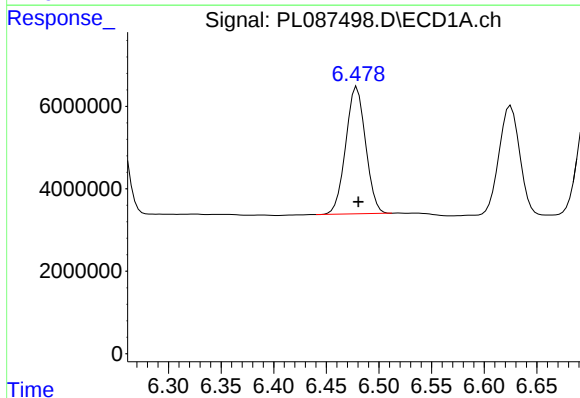
R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 49064586  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



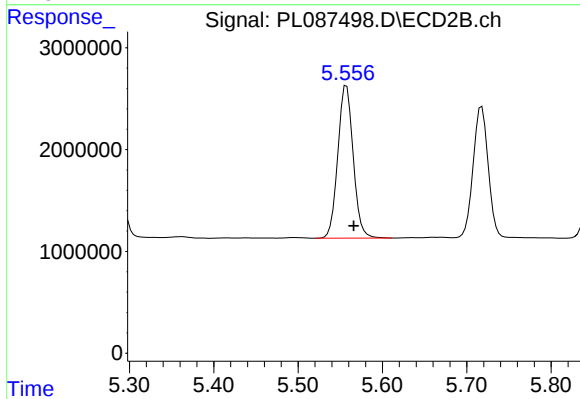
#13 Dieldrin

R.T.: 5.281 min  
Delta R.T.: -0.009 min  
Response: 20897116  
Conc: 9.38 ng/ml



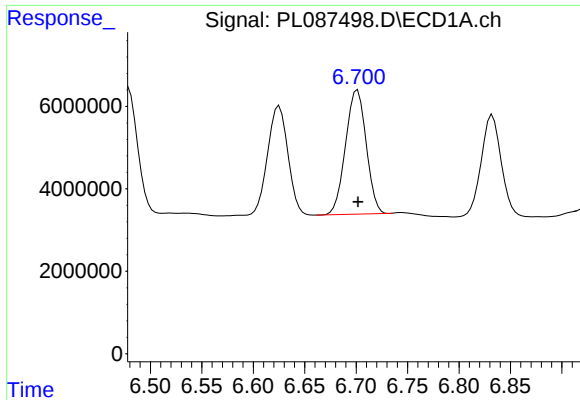
#14 Endrin

R.T.: 6.479 min  
Delta R.T.: -0.001 min  
Response: 40555245  
Conc: 10.54 ng/ml



#14 Endrin

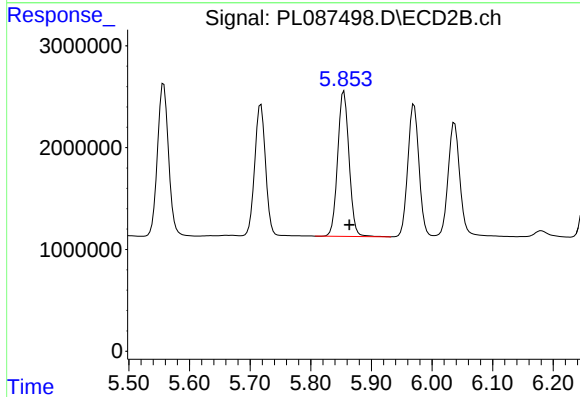
R.T.: 5.557 min  
Delta R.T.: -0.009 min  
Response: 19006263  
Conc: 9.52 ng/ml



#15 Endosulfan II

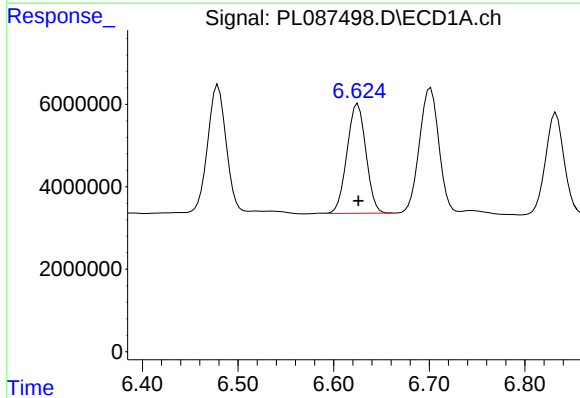
R.T.: 6.701 min  
Delta R.T.: 0.000 min  
Response: 42205489  
Conc: 10.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



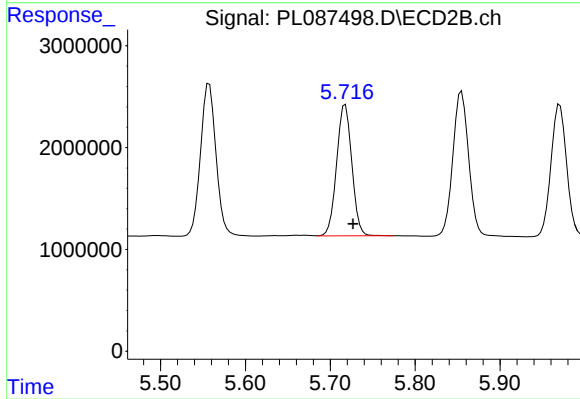
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.009 min  
Response: 18536929  
Conc: 9.52 ng/ml



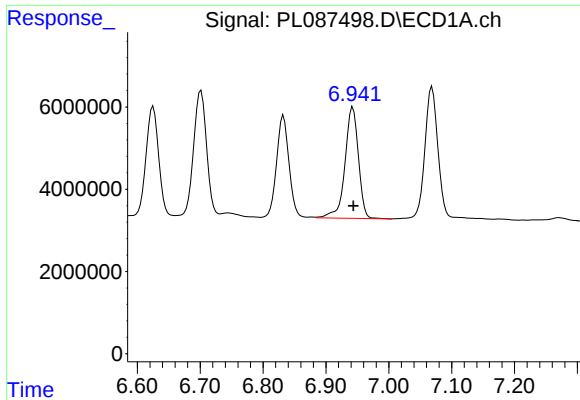
#16 4,4'-DDD

R.T.: 6.625 min  
Delta R.T.: 0.000 min  
Response: 36690216  
Conc: 11.10 ng/ml



#16 4,4'-DDD

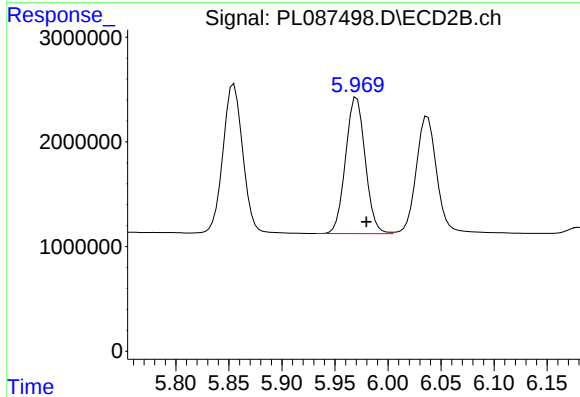
R.T.: 5.718 min  
Delta R.T.: -0.009 min  
Response: 16024397  
Conc: 9.68 ng/ml



#17 4,4'-DDT

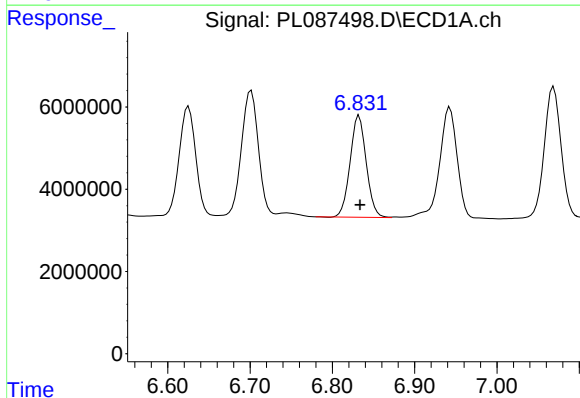
R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 40089837  
Conc: 10.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



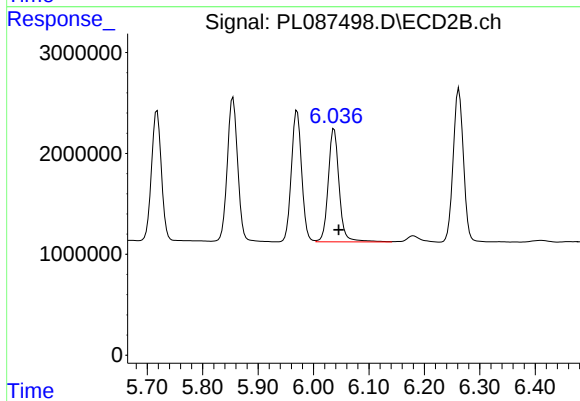
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: -0.009 min  
Response: 16724342  
Conc: 9.07 ng/ml



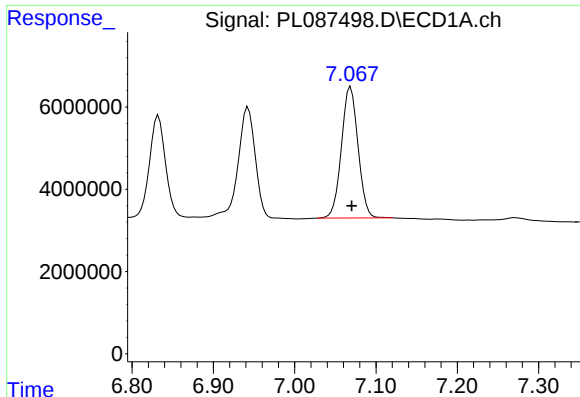
#18 Endrin aldehyde

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 33583050  
Conc: 11.59 ng/ml



#18 Endrin aldehyde

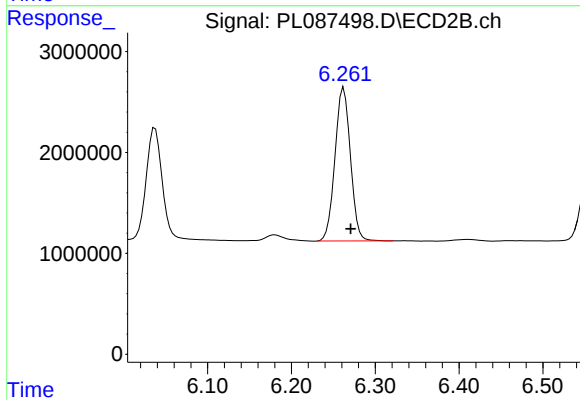
R.T.: 6.037 min  
Delta R.T.: -0.009 min  
Response: 15397700  
Conc: 10.49 ng/ml



#19 Endosulfan Sulfate

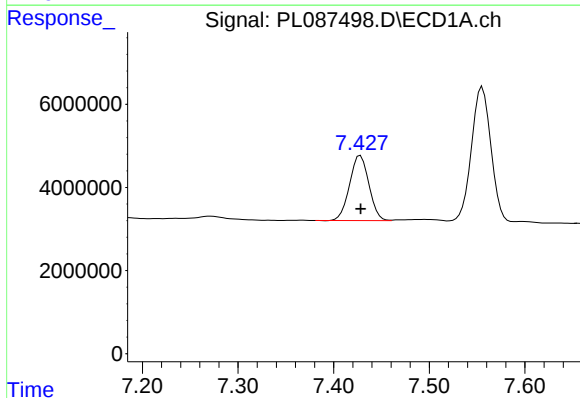
R.T.: 7.069 min  
Delta R.T.: -0.001 min  
Response: 45185267  
Conc: 11.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



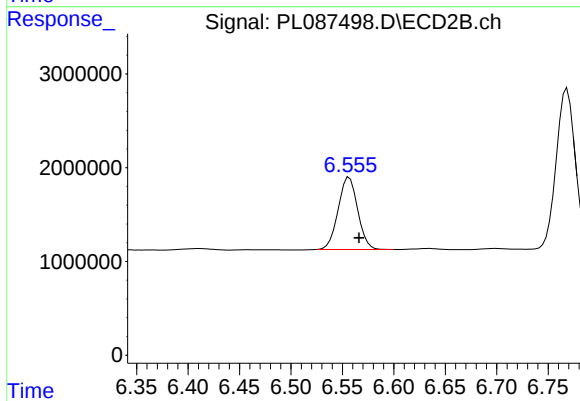
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: -0.008 min  
Response: 19453665  
Conc: 10.33 ng/ml



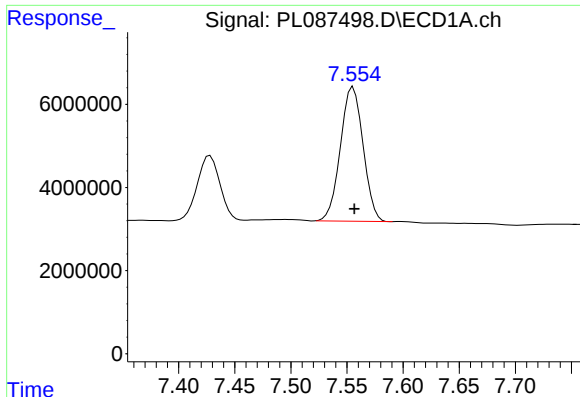
#20 Methoxychlor

R.T.: 7.428 min  
Delta R.T.: 0.000 min  
Response: 22034997  
Conc: 11.30 ng/ml



#20 Methoxychlor

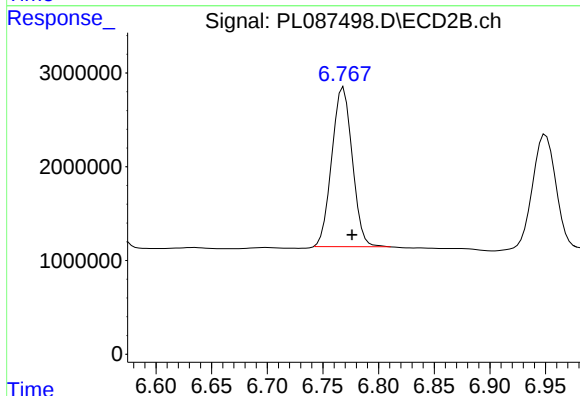
R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 10170283  
Conc: 9.96 ng/ml



#21 Endrin ketone

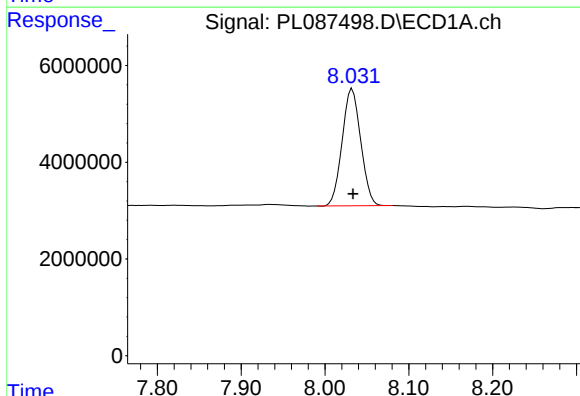
R.T.: 7.556 min  
Delta R.T.: -0.001 min  
Response: 45484306  
Conc: 11.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



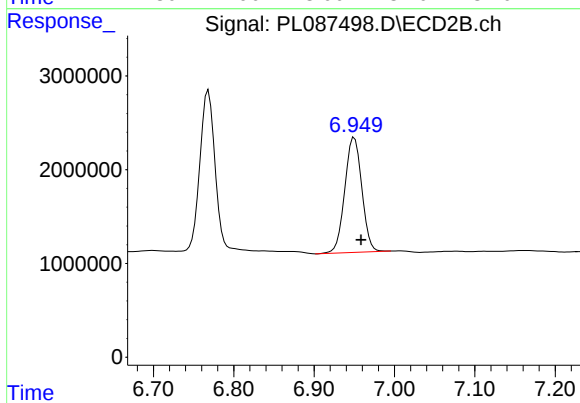
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.008 min  
Response: 21795057  
Conc: 10.24 ng/ml



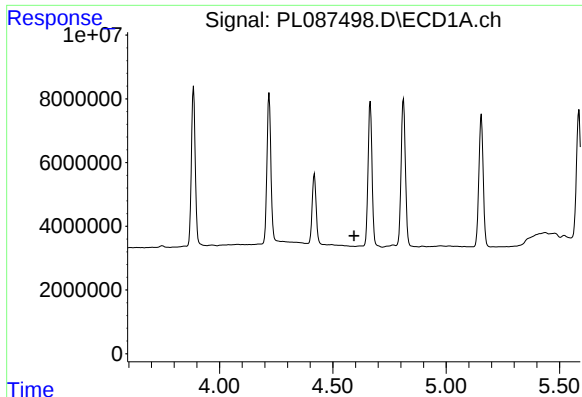
#22 Mirex

R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 37375465  
Conc: 11.10 ng/ml



#22 Mirex

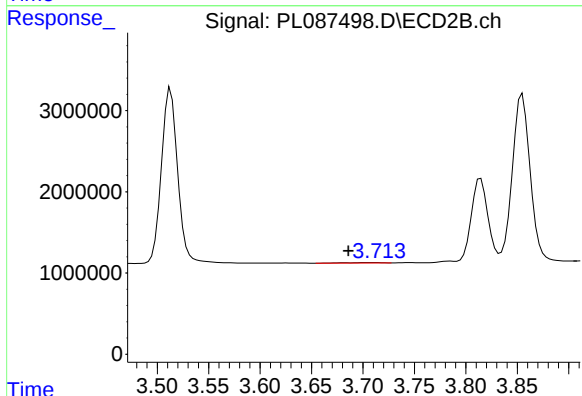
R.T.: 6.950 min  
Delta R.T.: -0.008 min  
Response: 18072060  
Conc: 10.16 ng/ml



#23 Chlordane-1

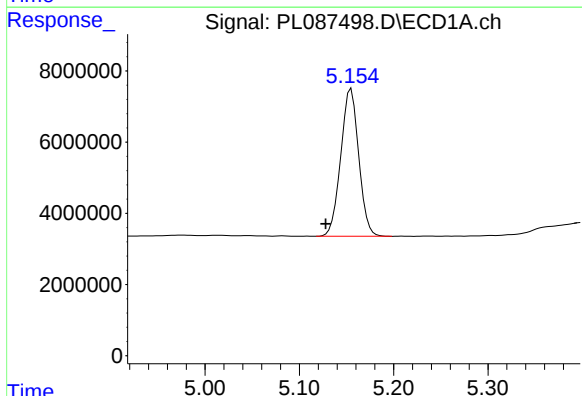
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



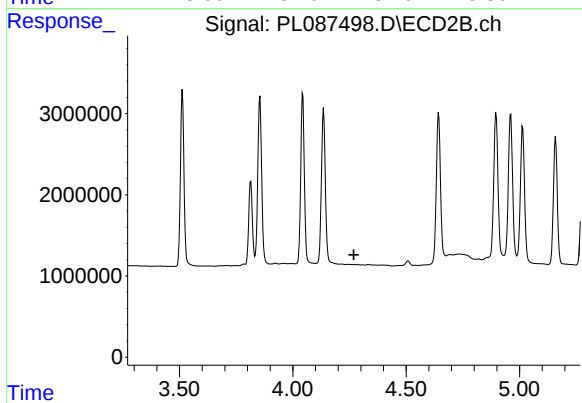
#23 Chlordane-1

R.T.: 3.713 min  
Delta R.T.: 0.027 min  
Response: 132682  
Conc: 2.14 ng/ml



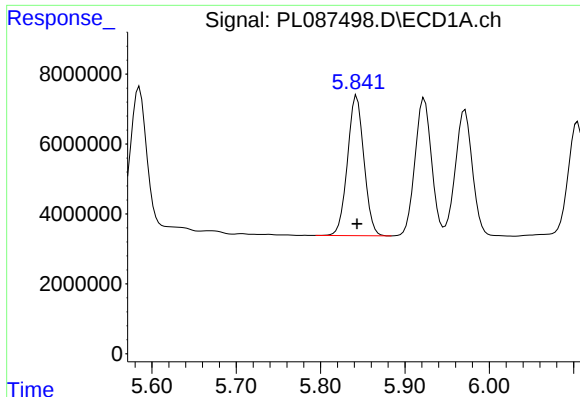
#24 Chlordane-2

R.T.: 5.155 min  
Delta R.T.: 0.027 min  
Response: 54902359  
Conc: 315.19 ng/ml



#24 Chlordane-2

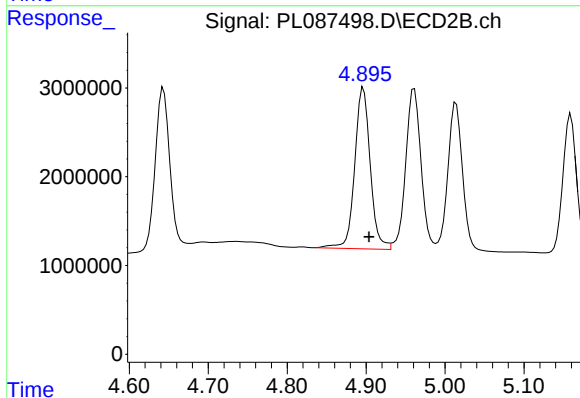
R.T.: 4.246 min  
Delta R.T.: -0.022 min  
Response: -51  
Conc: N.D.



#25 Chlordane-3

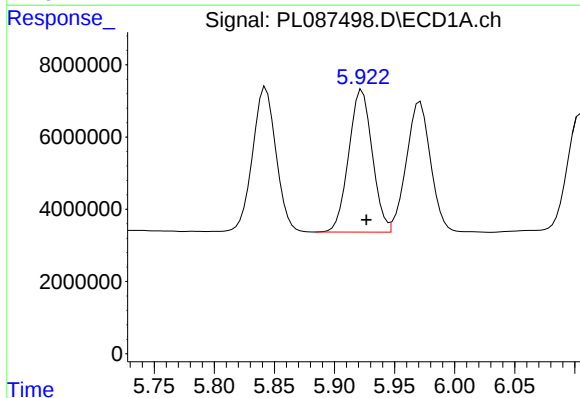
R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 54322750  
Conc: 77.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



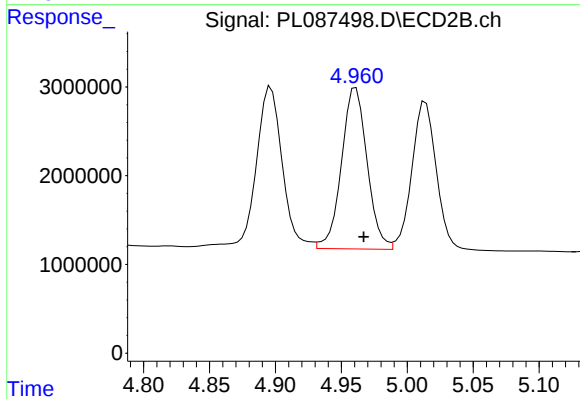
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.007 min  
Response: 24872532  
Conc: 112.51 ng/ml



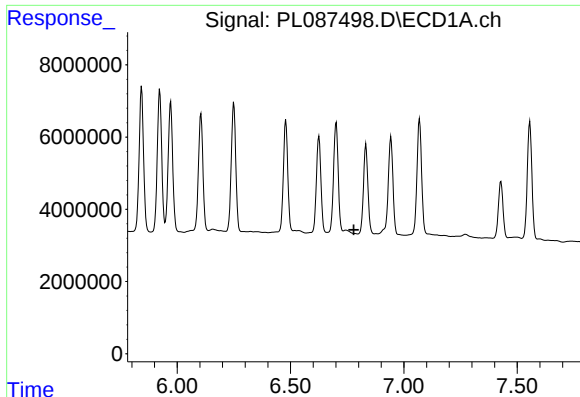
#26 Chlordane-4

R.T.: 5.923 min  
Delta R.T.: -0.004 min  
Response: 53779100  
Conc: 62.89 ng/ml



#26 Chlordane-4

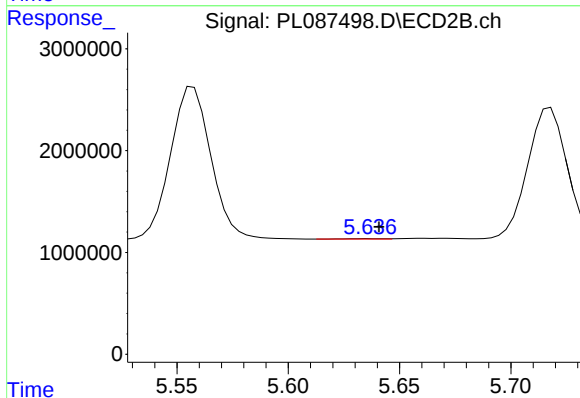
R.T.: 4.961 min  
Delta R.T.: -0.006 min  
Response: 24572705  
Conc: 105.55 ng/ml



#27 Chlordane-5

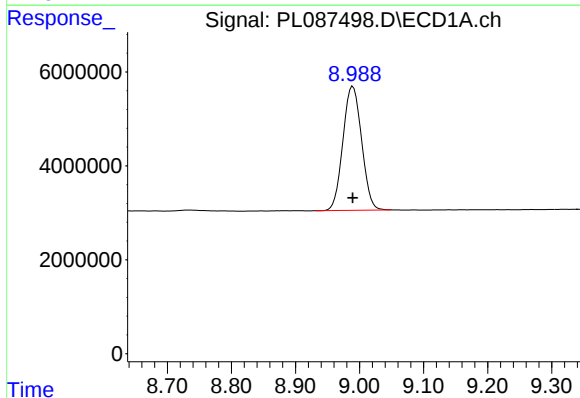
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



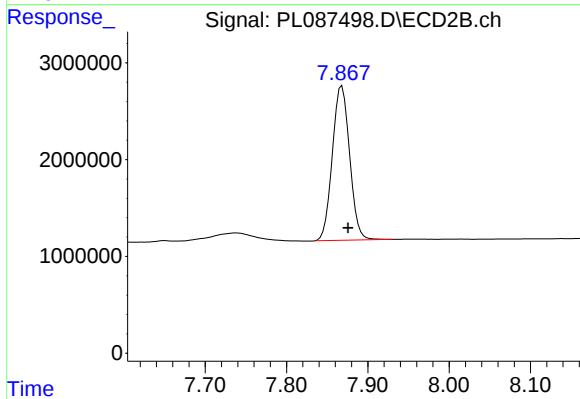
#27 Chlordane-5

R.T.: 5.638 min  
Delta R.T.: -0.003 min  
Response: 42341  
Conc: 0.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 53429533  
Conc: 15.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.007 min  
Response: 23610878  
Conc: 13.98 ng/ml