

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 13:05  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:25:53 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 | 207.7E6  | 86206615 | 55.177   | 51.213    |
| 28)                         | SA Decachlor... | 8.981  | 7.868 | 182.7E6  | 81447034 | 53.577   | 48.223    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.182 | 307.9E6  | 125.9E6  | 56.871   | 51.241    |
| 3)                          | MA gamma-BHC... | 4.213  | 3.513 | 292.1E6  | 123.7E6  | 55.570   | 51.073    |
| 4)                          | MA Heptachlor   | 4.805  | 3.856 | 286.4E6  | 121.8E6  | 53.760   | 50.941    |
| 5)                          | MB Aldrin       | 5.148  | 4.136 | 278.1E6  | 117.6E6  | 53.421   | 49.049    |
| 6)                          | B beta-BHC      | 4.412  | 3.814 | 120.1E6  | 50258723 | 52.281   | 48.280    |
| 7)                          | B delta-BHC     | 4.659  | 4.044 | 244.5E6  | 121.0E6  | 46.755   | 49.453    |
| 8)                          | B Heptachlo...  | 5.579  | 4.644 | 238.5E6  | 106.4E6  | 50.617   | 47.813    |
| 9)                          | A Endosulfan I  | 5.965  | 5.015 | 228.4E6  | 122.0E6  | 51.135   | 56.434    |
| 10)                         | B gamma-Chl...  | 5.837  | 4.897 | 247.5E6  | 106.7E6  | 51.054   | 46.663    |
| 11)                         | B alpha-Chl...  | 5.917  | 4.962 | 245.2E6  | 116.0E6  | 51.021   | 50.242    |
| 12)                         | B 4,4'-DDE      | 6.098  | 5.160 | 207.8E6  | 90520459 | 50.142   | 45.590    |
| 13)                         | MA Dieldrin     | 6.243  | 5.282 | 238.6E6  | 104.5E6  | 51.407   | 46.893    |
| 14)                         | MA Endrin       | 6.473  | 5.558 | 197.5E6  | 90821968 | 51.332   | 45.510    |
| 15)                         | B Endosulfa...  | 6.695  | 5.855 | 194.5E6  | 85411599 | 48.499   | 43.868    |
| 16)                         | A 4,4'-DDD      | 6.618  | 5.718 | 161.5E6  | 74609582 | 48.873   | 45.061    |
| 17)                         | MA 4,4'-DDT     | 6.936  | 5.971 | 189.0E6  | 83560553 | 50.251   | 45.307    |
| 18)                         | B Endrin al...  | 6.826  | 6.038 | 145.9E6  | 65708351 | 50.338   | 44.772    |
| 19)                         | B Endosulfa...  | 7.063  | 6.263 | 194.1E6  | 85842894 | 49.417   | 45.569    |
| 20)                         | A Methoxychlor  | 7.421  | 6.557 | 96714292 | 46123943 | 49.599   | 45.158    |
| 21)                         | B Endrin ke...  | 7.550  | 6.769 | 200.6E6  | 98583138 | 49.311   | 46.311    |
| 22)                         | Mirex           | 8.026  | 6.951 | 167.4E6  | 81904474 | 49.712   | 46.036    |
| 23)                         | Chlordane-1     | 0.000  | 3.677 | 0        | 36232    | N.D.     | 0.584 #   |
| 24)                         | Chlordane-2     | 5.148f | 4.274 | 278.1E6  | 103367   | 1596.733 | 1.346 #   |
| 25)                         | Chlordane-3     | 5.837  | 4.897 | 247.5E6  | 106.7E6  | 355.083  | 482.810 # |
| 26)                         | Chlordane-4     | 5.917  | 4.962 | 245.2E6  | 116.0E6  | 286.777  | 498.067 # |
| 27)                         | Chlordane-5     | 0.000  | 5.632 | 0        | 49941    | N.D.     | 0.772 #   |
| -----                       |                 |        |       |          |          |          |           |

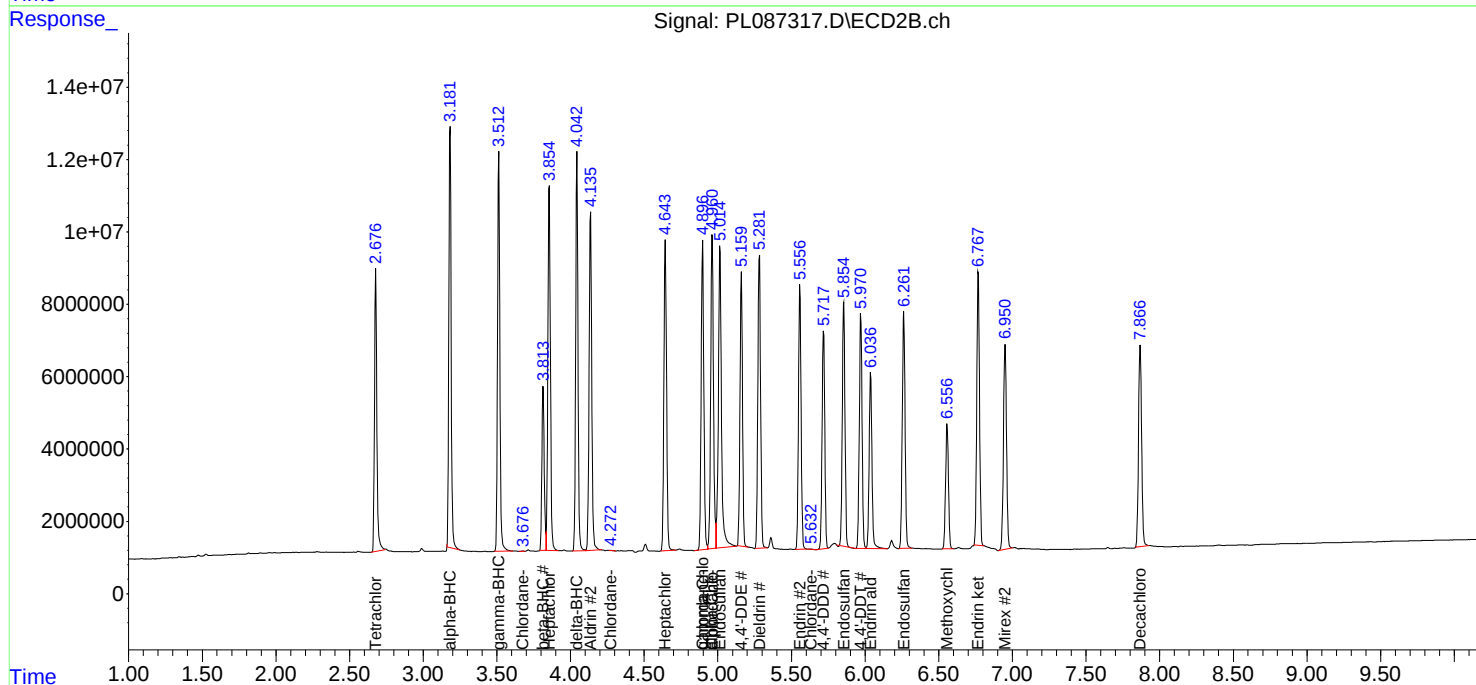
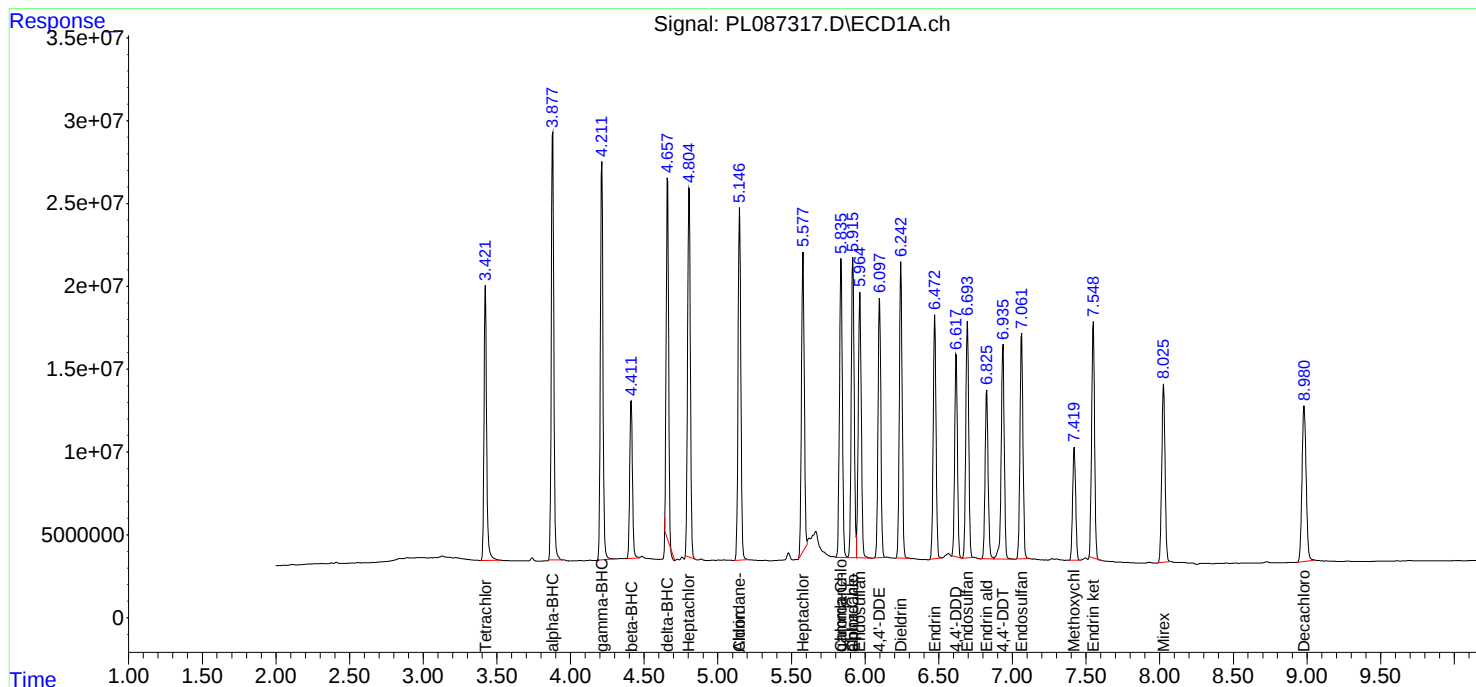
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

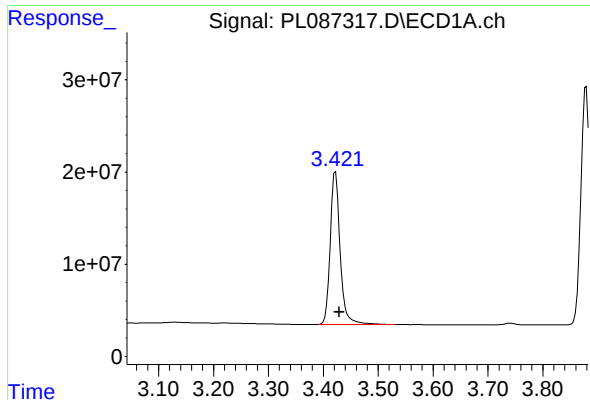
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087317.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 13:05  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 00:25:53 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

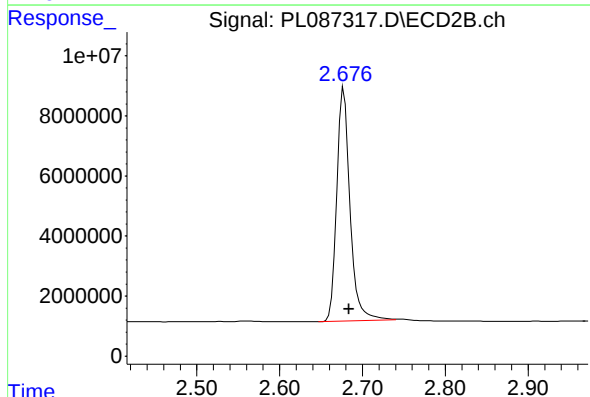




#1 Tetrachloro-m-xylene

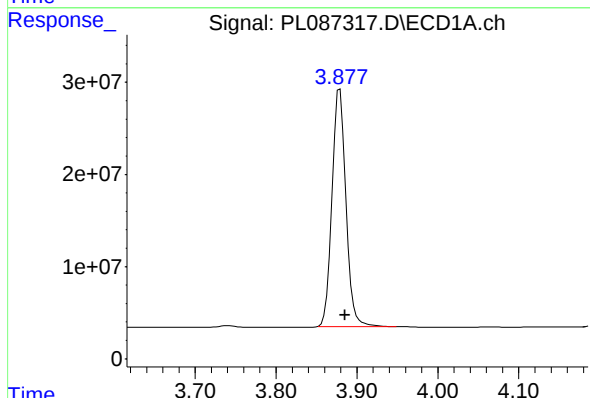
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 207653965  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



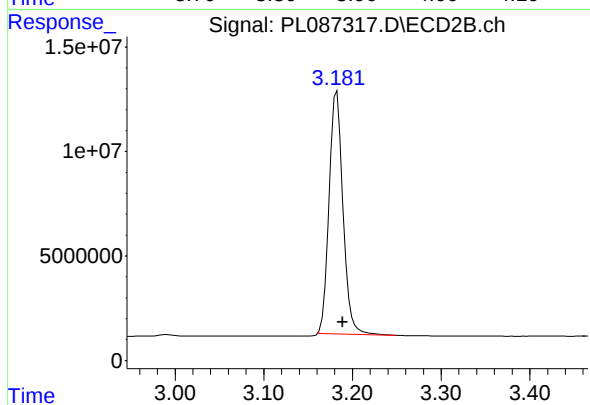
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.006 min  
Response: 86206615  
Conc: 51.21 ng/ml



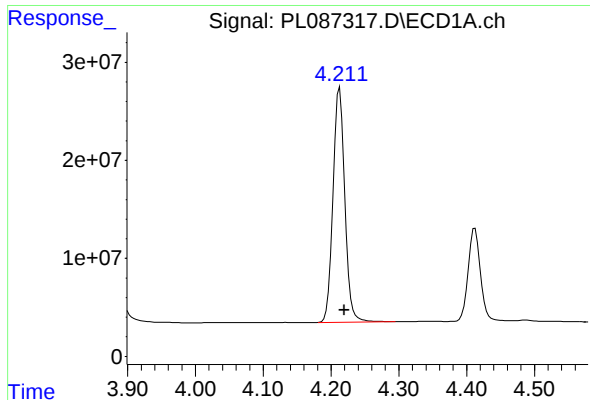
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 307909605  
Conc: 56.87 ng/ml



#2 alpha-BHC

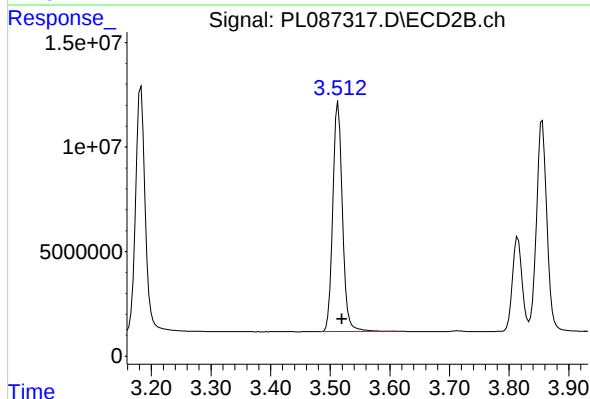
R.T.: 3.182 min  
Delta R.T.: -0.006 min  
Response: 125929289  
Conc: 51.24 ng/ml



#3 gamma-BHC (Lindane)

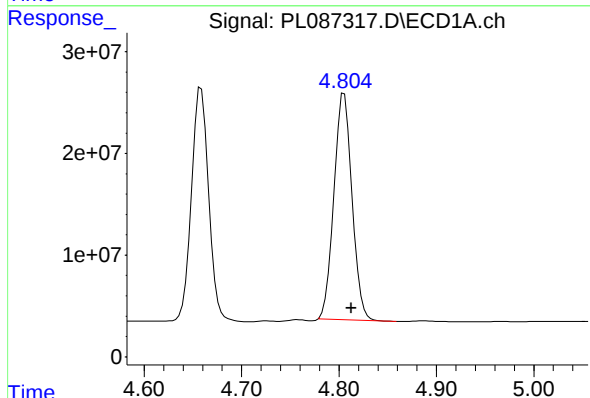
R.T.: 4.213 min  
Delta R.T.: -0.007 min  
Response: 292056851  
Conc: 55.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



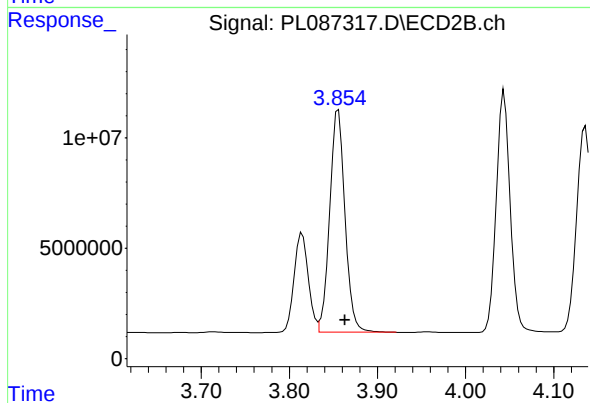
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 123720030  
Conc: 51.07 ng/ml



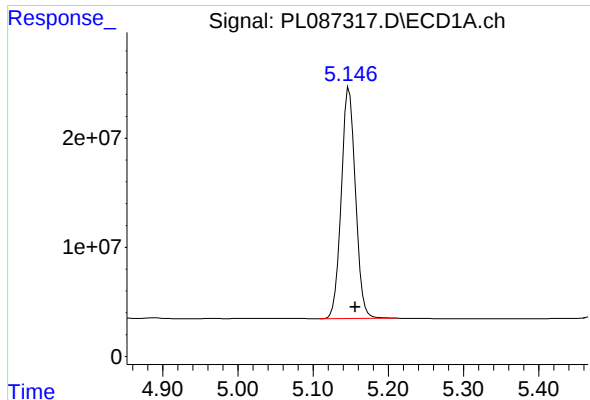
#4 Heptachlor

R.T.: 4.805 min  
Delta R.T.: -0.007 min  
Response: 286355524  
Conc: 53.76 ng/ml



#4 Heptachlor

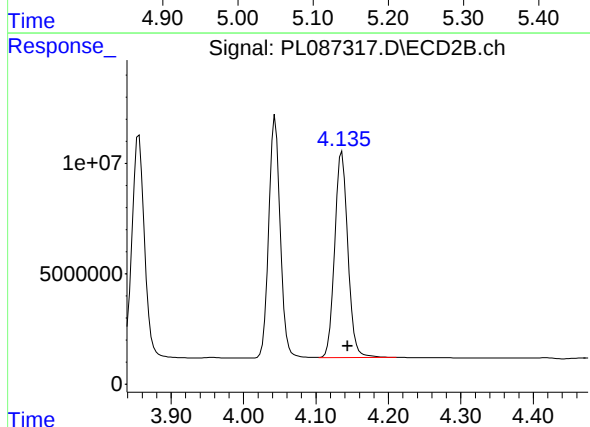
R.T.: 3.856 min  
Delta R.T.: -0.007 min  
Response: 121763679  
Conc: 50.94 ng/ml



#5 Aldrin

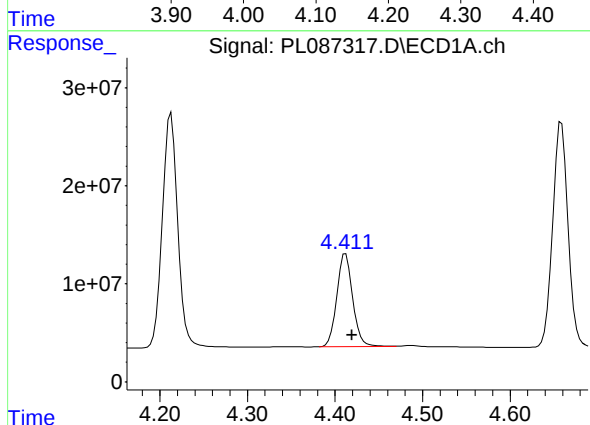
R.T.: 5.148 min  
Delta R.T.: -0.008 min  
Response: 278133288  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



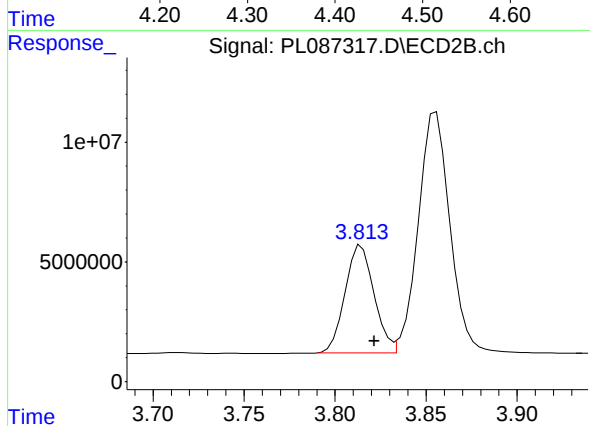
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.008 min  
Response: 117608528  
Conc: 49.05 ng/ml



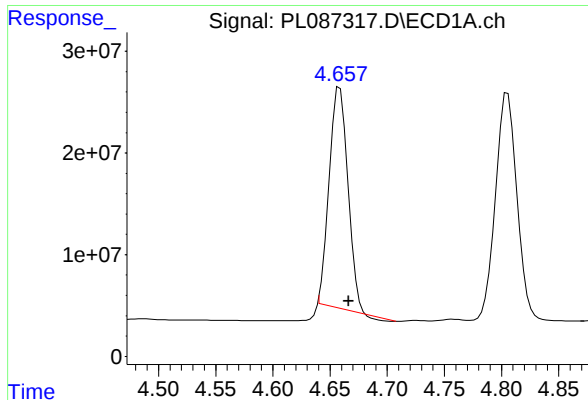
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.007 min  
Response: 120079356  
Conc: 52.28 ng/ml



#6 beta-BHC

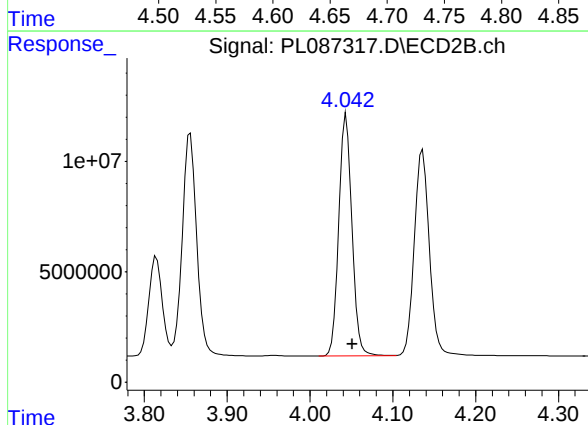
R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 50258723  
Conc: 48.28 ng/ml



#7 delta-BHC

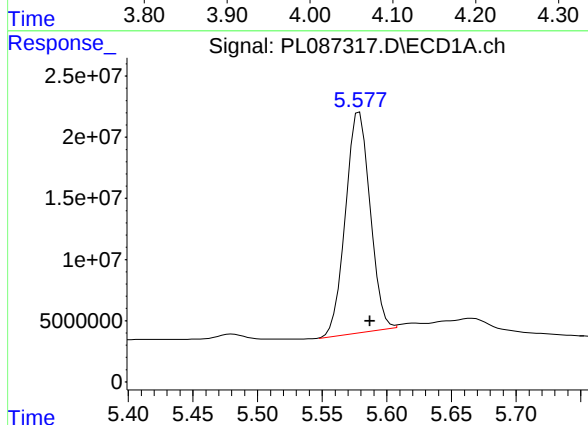
R.T.: 4.659 min  
Delta R.T.: -0.008 min  
Response: 244500993  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



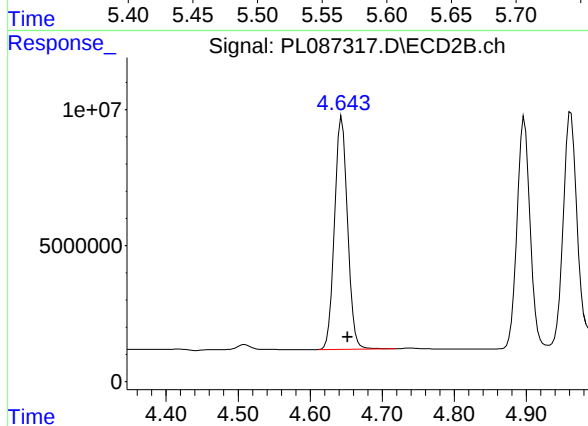
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 120971395  
Conc: 49.45 ng/ml



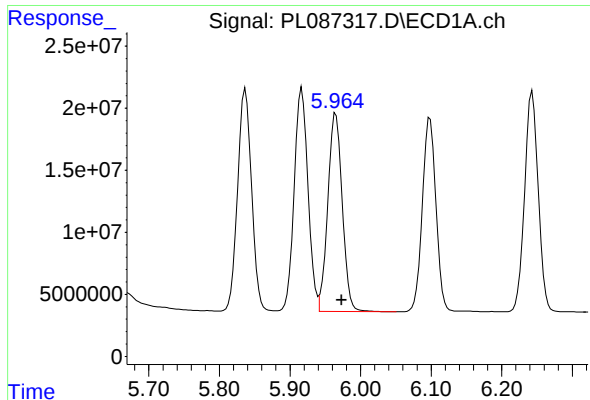
#8 Heptachlor epoxide

R.T.: 5.579 min  
Delta R.T.: -0.008 min  
Response: 238548951  
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

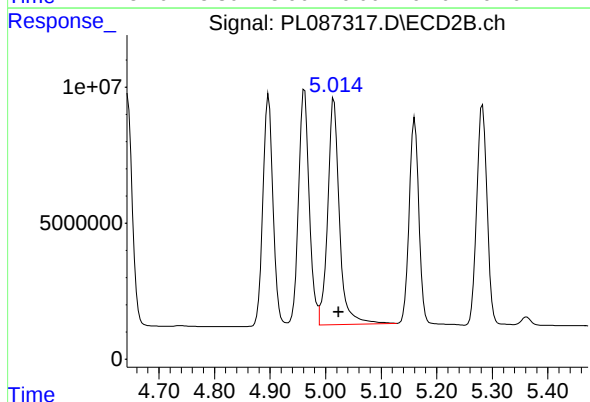
R.T.: 4.644 min  
Delta R.T.: -0.008 min  
Response: 106397833  
Conc: 47.81 ng/ml



#9 Endosulfan I

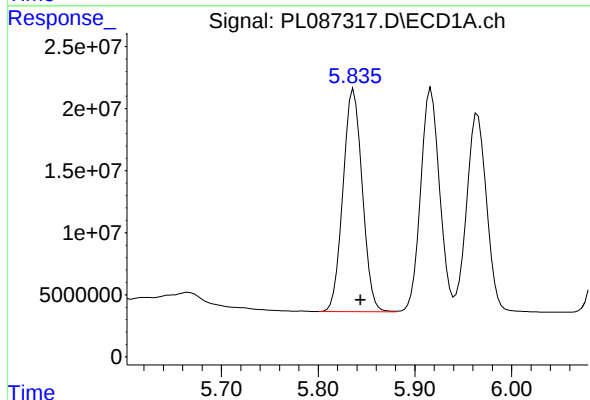
R.T.: 5.965 min  
Delta R.T.: -0.008 min  
Response: 228386371  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



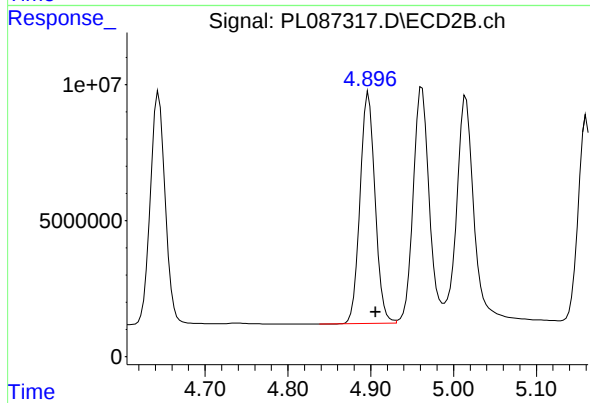
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.008 min  
Response: 121964353  
Conc: 56.43 ng/ml



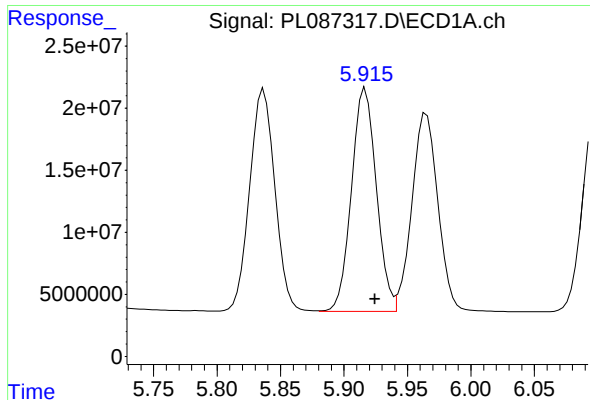
#10 gamma-Chlordane

R.T.: 5.837 min  
Delta R.T.: -0.007 min  
Response: 247512211  
Conc: 51.05 ng/ml



#10 gamma-Chlordane

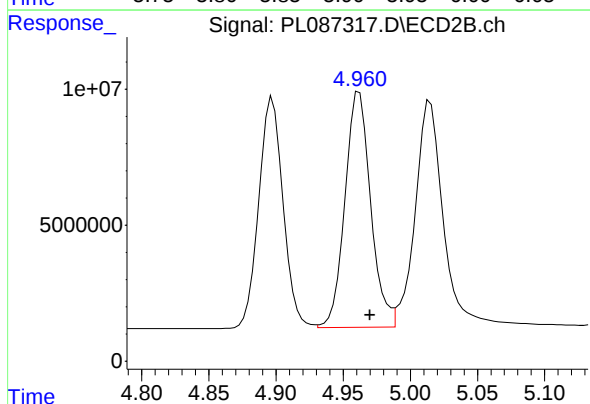
R.T.: 4.897 min  
Delta R.T.: -0.008 min  
Response: 106733281  
Conc: 46.66 ng/ml



#11 alpha-Chlordane

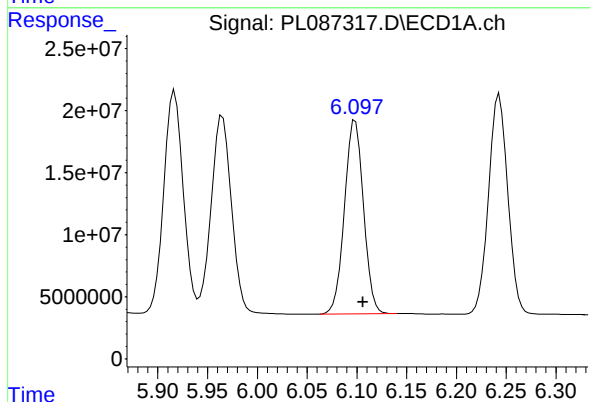
R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 245213882  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



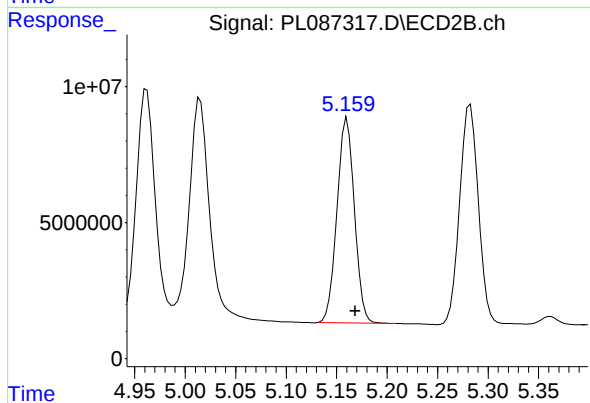
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 115958525  
Conc: 50.24 ng/ml



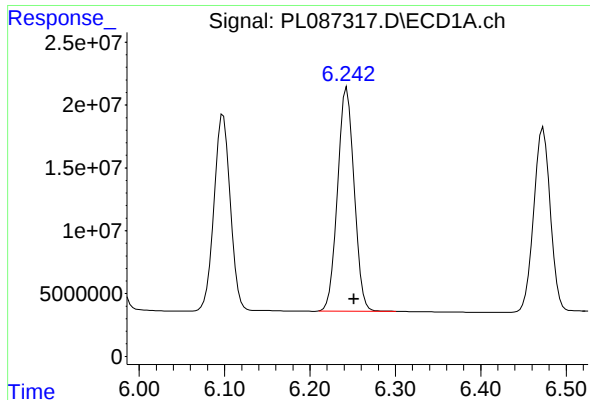
#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 207789023  
Conc: 50.14 ng/ml



#12 4,4'-DDE

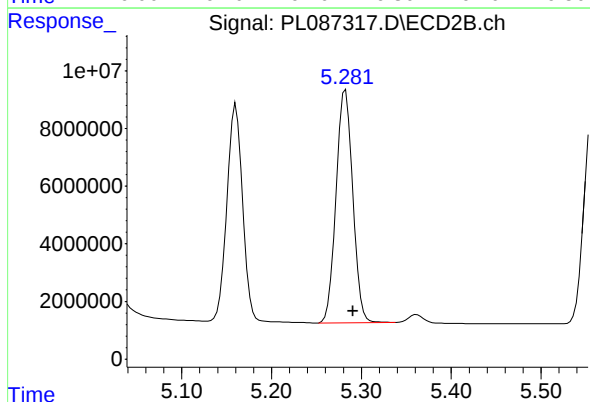
R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 90520459  
Conc: 45.59 ng/ml



#13 Dieldrin

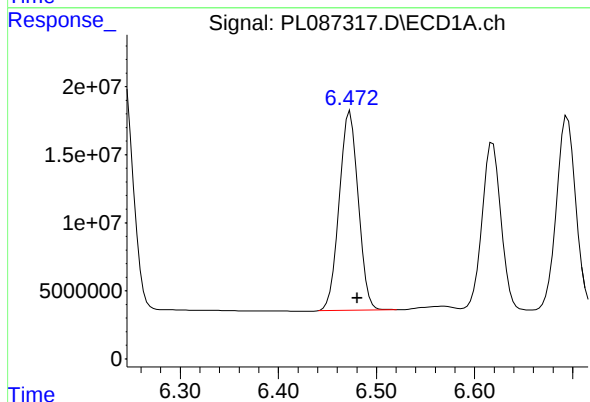
R.T.: 6.243 min  
Delta R.T.: -0.008 min  
Response: 238574452  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



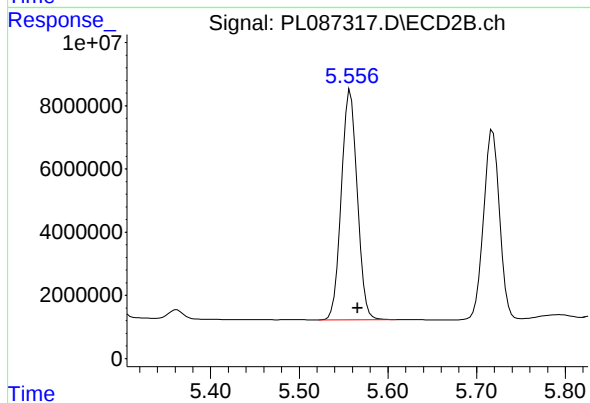
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.008 min  
Response: 104466117  
Conc: 46.89 ng/ml



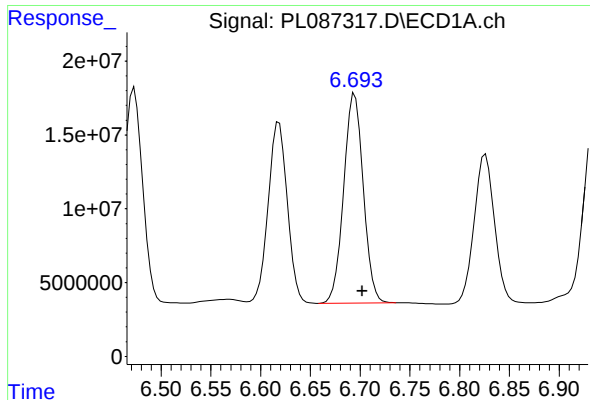
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: -0.007 min  
Response: 197492285  
Conc: 51.33 ng/ml



#14 Endrin

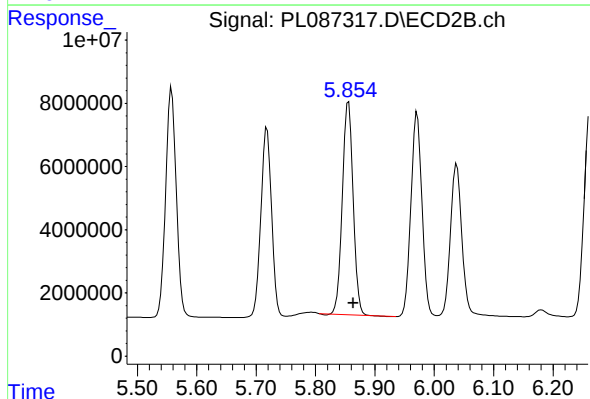
R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 90821968  
Conc: 45.51 ng/ml



#15 Endosulfan II

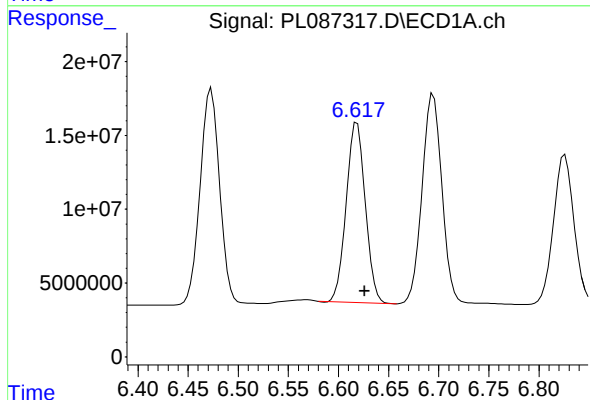
R.T.: 6.695 min  
Delta R.T.: -0.007 min  
Response: 194500864  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



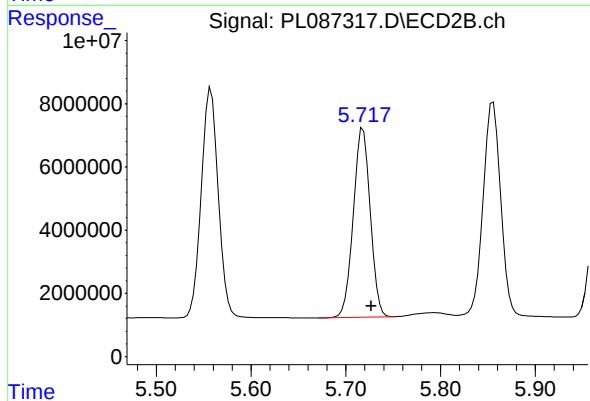
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.008 min  
Response: 85411599  
Conc: 43.87 ng/ml



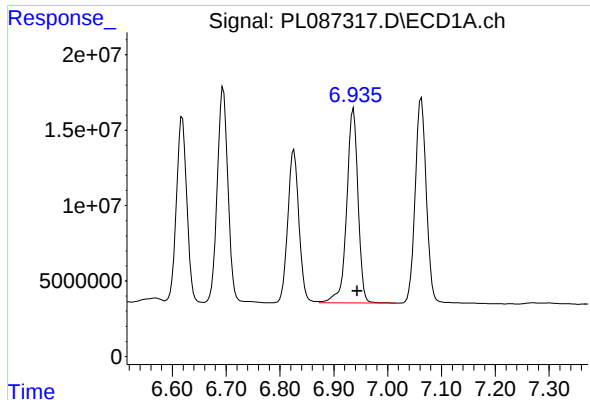
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: -0.007 min  
Response: 161531728  
Conc: 48.87 ng/ml



#16 4,4'-DDD

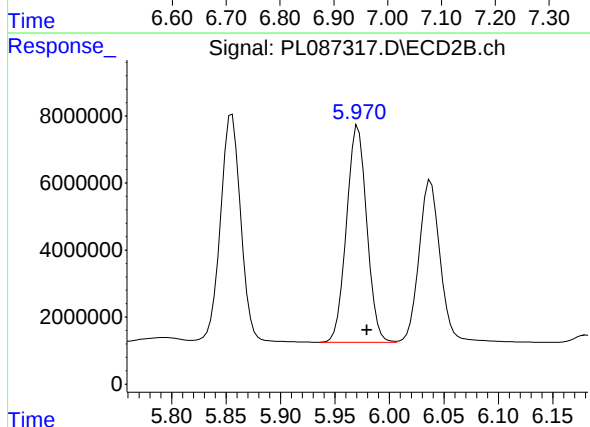
R.T.: 5.718 min  
Delta R.T.: -0.008 min  
Response: 74609582  
Conc: 45.06 ng/ml



#17 4,4'-DDT

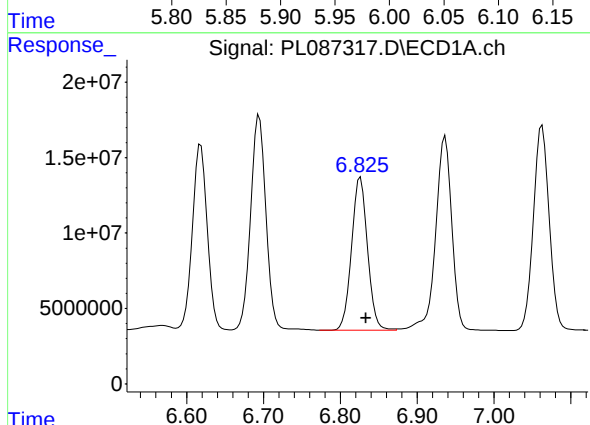
R.T.: 6.936 min  
Delta R.T.: -0.007 min  
Response: 188954136  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



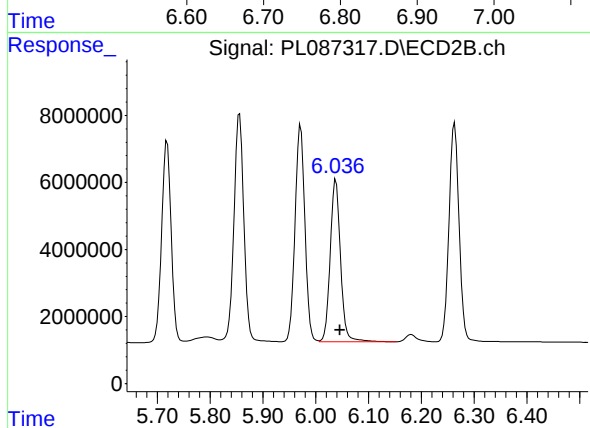
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.008 min  
Response: 83560553  
Conc: 45.31 ng/ml



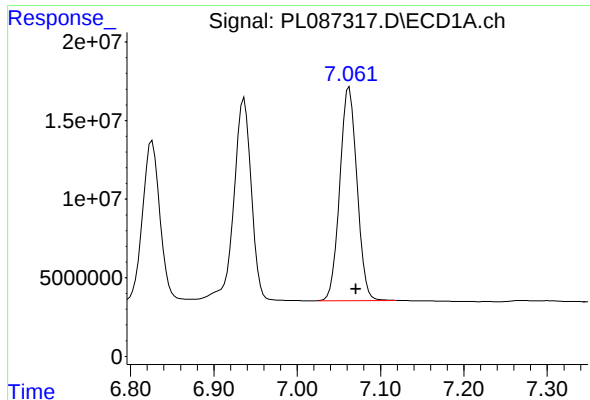
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: -0.007 min  
Response: 145898219  
Conc: 50.34 ng/ml



#18 Endrin aldehyde

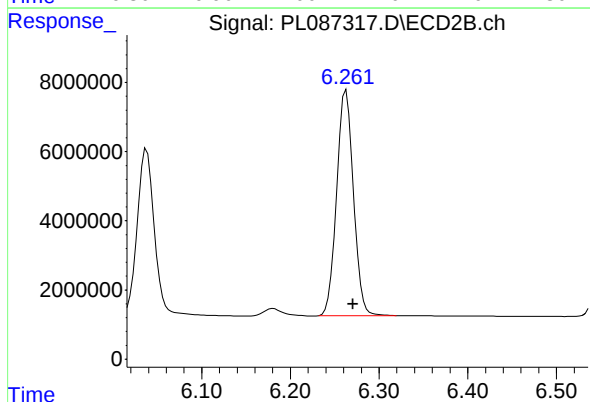
R.T.: 6.038 min  
Delta R.T.: -0.008 min  
Response: 65708351  
Conc: 44.77 ng/ml



#19 Endosulfan Sulfate

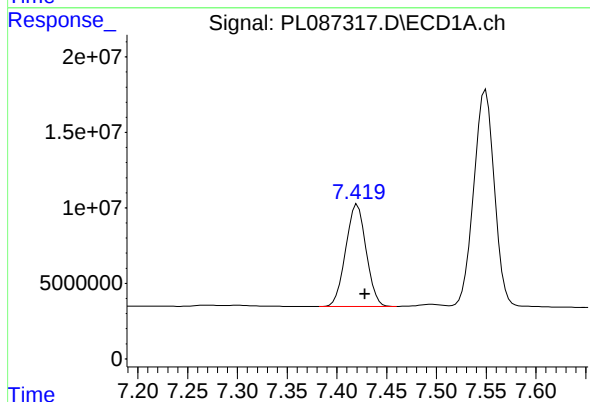
R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 194052519  
Conc: 49.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



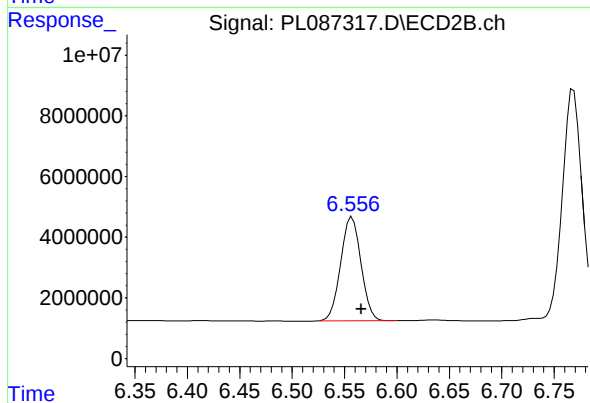
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 85842894  
Conc: 45.57 ng/ml



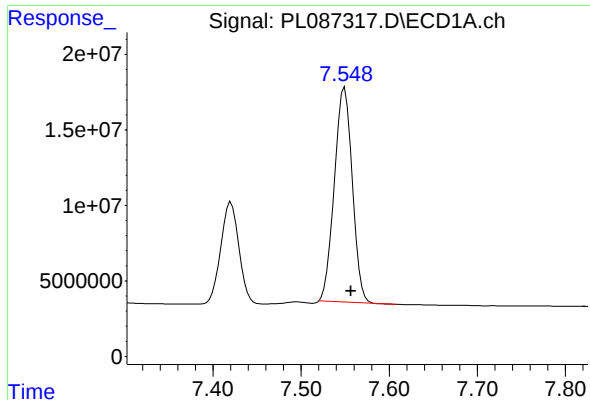
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: -0.008 min  
Response: 96714292  
Conc: 49.60 ng/ml



#20 Methoxychlor

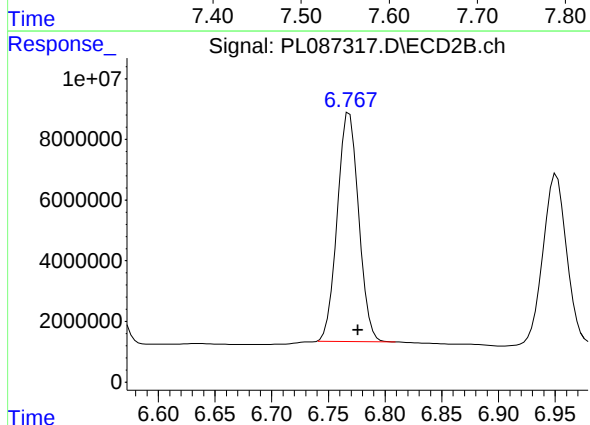
R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 46123943  
Conc: 45.16 ng/ml



#21 Endrin ketone

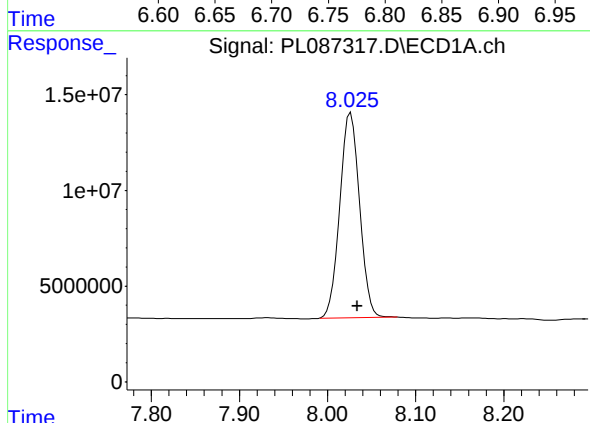
R.T.: 7.550 min  
Delta R.T.: -0.007 min  
Response: 200610822  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



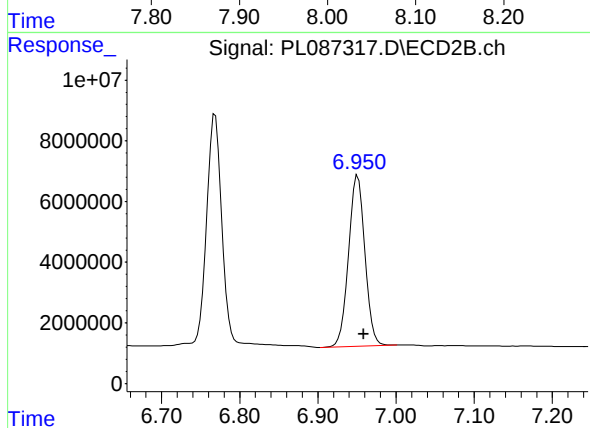
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.008 min  
Response: 98583138  
Conc: 46.31 ng/ml



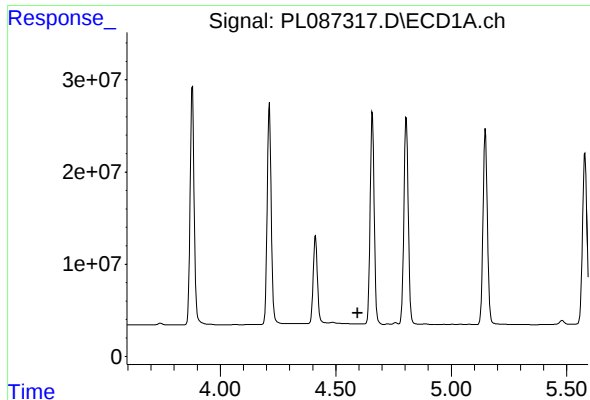
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: -0.007 min  
Response: 167431039  
Conc: 49.71 ng/ml



#22 Mirex

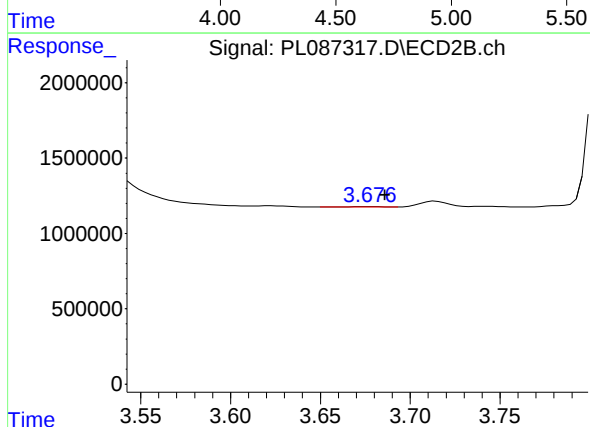
R.T.: 6.951 min  
Delta R.T.: -0.007 min  
Response: 81904474  
Conc: 46.04 ng/ml



#23 Chlordane-1

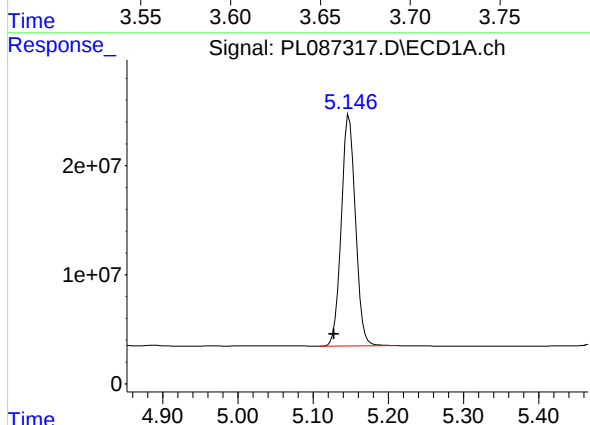
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



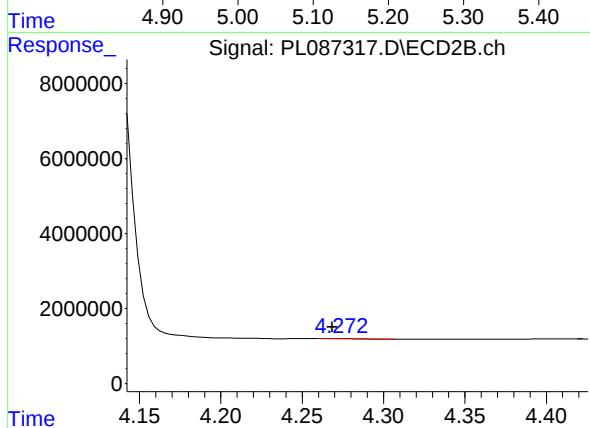
#23 Chlordane-1

R.T.: 3.677 min  
Delta R.T.: -0.009 min  
Response: 36232  
Conc: 0.58 ng/ml



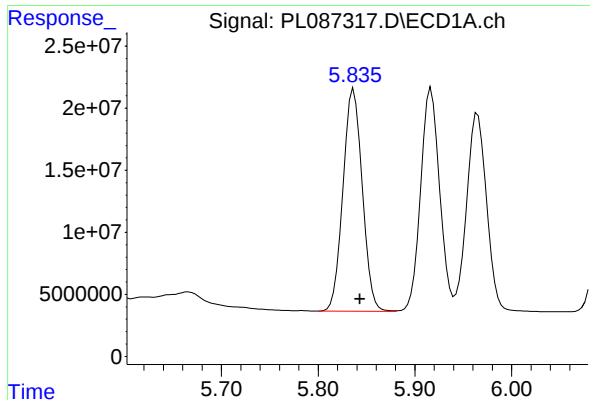
#24 Chlordane-2

R.T.: 5.148 min  
Delta R.T.: 0.020 min  
Response: 278133288  
Conc: 1596.73 ng/ml



#24 Chlordane-2

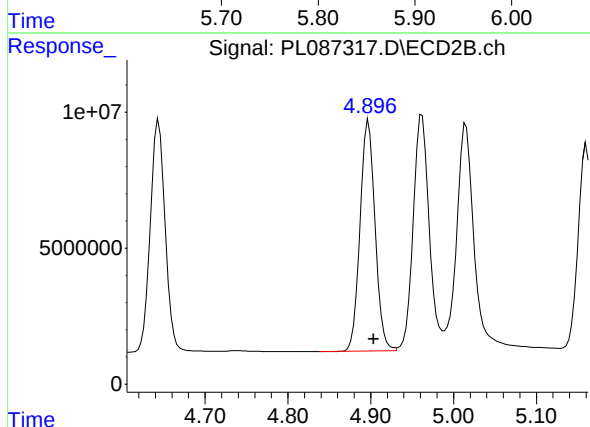
R.T.: 4.274 min  
Delta R.T.: 0.005 min  
Response: 103367  
Conc: 1.35 ng/ml



#25 Chlordane-3

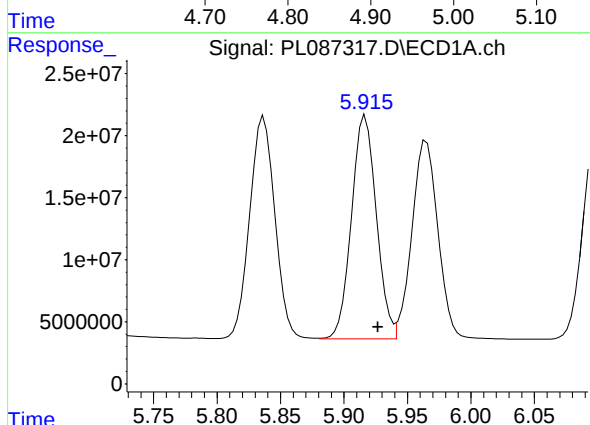
R.T.: 5.837 min  
Delta R.T.: -0.006 min  
Response: 247512211  
Conc: 355.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



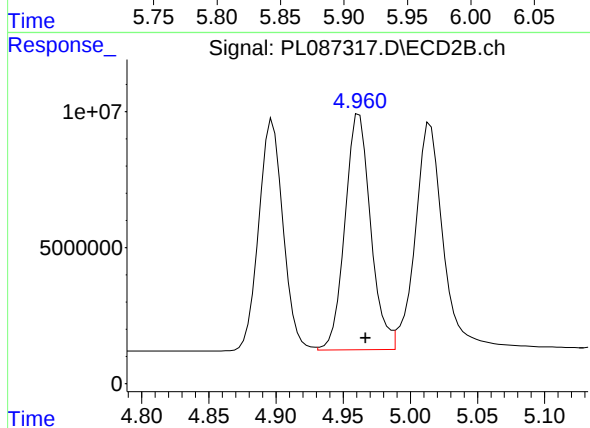
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.006 min  
Response: 106733281  
Conc: 482.81 ng/ml



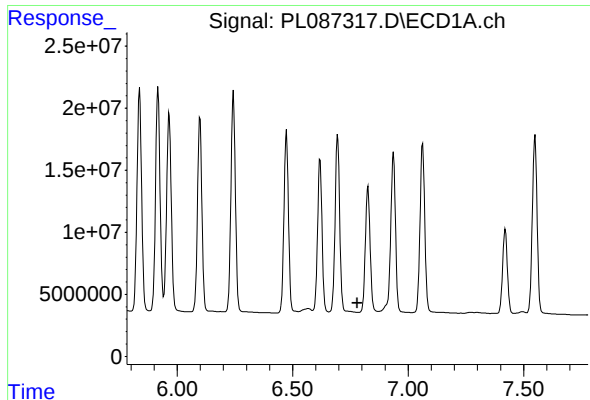
#26 Chlordane-4

R.T.: 5.917 min  
Delta R.T.: -0.010 min  
Response: 245213882  
Conc: 286.78 ng/ml



#26 Chlordane-4

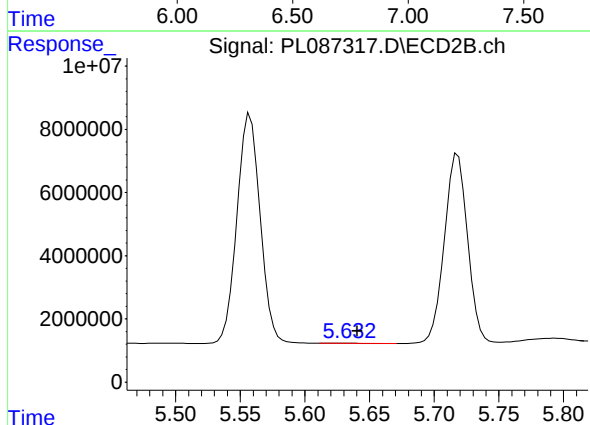
R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 115958525  
Conc: 498.07 ng/ml



#27 Chlordane-5

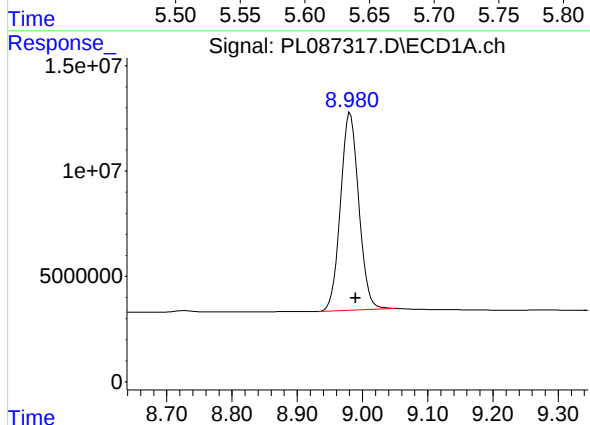
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



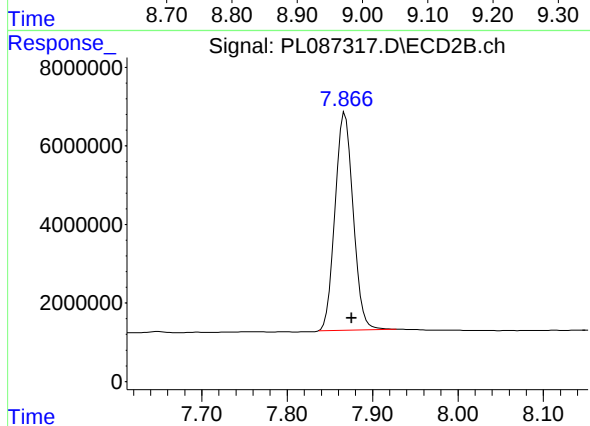
#27 Chlordane-5

R.T.: 5.632 min  
Delta R.T.: -0.009 min  
Response: 49941  
Conc: 0.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.008 min  
Response: 182694442  
Conc: 53.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 81447034  
Conc: 48.22 ng/ml