

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 21:26  
 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 01:36:20 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  | 2.677 | 212.9E6  | 89686525 | 56.581   | 53.280    |
| 28)                         | SA Decachlor... | 8.980  | 7.868 | 188.6E6  | 85912133 | 55.315   | 50.867    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.182 | 317.0E6  | 129.1E6  | 58.547   | 52.531    |
| 3)                          | MA gamma-BHC... | 4.212  | 3.512 | 299.9E6  | 127.0E6  | 57.060   | 52.409    |
| 4)                          | MA Heptachlor   | 4.805  | 3.855 | 284.8E6  | 121.8E6  | 53.461   | 50.965    |
| 5)                          | MB Aldrin       | 5.147  | 4.136 | 285.3E6  | 120.7E6  | 54.792   | 50.342    |
| 6)                          | B beta-BHC      | 4.412  | 3.814 | 124.9E6  | 52029840 | 54.397   | 49.981    |
| 7)                          | B delta-BHC     | 4.658  | 4.044 | 243.5E6  | 126.5E6  | 46.561   | 51.703    |
| 8)                          | B Heptachlo...  | 5.579  | 4.644 | 246.1E6  | 109.2E6  | 52.224   | 49.080    |
| 9)                          | A Endosulfan I  | 5.965  | 5.015 | 231.3E6  | 112.5E6  | 51.788   | 52.077    |
| 10)                         | B gamma-Chl...  | 5.836  | 4.897 | 253.8E6  | 110.4E6  | 52.342   | 48.287    |
| 11)                         | B alpha-Chl...  | 5.917  | 4.962 | 249.1E6  | 114.9E6  | 51.825   | 49.797    |
| 12)                         | B 4,4'-DDE      | 6.098  | 5.160 | 214.3E6  | 94932182 | 51.705   | 47.812    |
| 13)                         | MA Dieldrin     | 6.242  | 5.283 | 237.3E6  | 107.5E6  | 51.135   | 48.271    |
| 14)                         | MA Endrin       | 6.472  | 5.558 | 191.6E6  | 93858415 | 49.812   | 47.032    |
| 15)                         | B Endosulfa...  | 6.694  | 5.855 | 198.0E6  | 89094187 | 49.374   | 45.759    |
| 16)                         | A 4,4'-DDD      | 6.617  | 5.718 | 170.7E6  | 80237291 | 51.647   | 48.460    |
| 17)                         | MA 4,4'-DDT     | 6.935  | 5.971 | 185.6E6  | 83624458 | 49.359   | 45.341    |
| 18)                         | B Endrin al...  | 6.825  | 6.038 | 148.4E6  | 67403612 | 51.197   | 45.927    |
| 19)                         | B Endosulfa...  | 7.062  | 6.263 | 199.1E6  | 89173754 | 50.695   | 47.337    |
| 20)                         | A Methoxychlor  | 7.421  | 6.557 | 95655053 | 45574067 | 49.056   | 44.620    |
| 21)                         | B Endrin ke...  | 7.548  | 6.768 | 204.4E6  | 102.8E6  | 50.243   | 48.309    |
| 22)                         | Mirex           | 8.025  | 6.950 | 169.3E6  | 83525234 | 50.261   | 46.947    |
| 23)                         | Chlordane-1     | 0.000  | 3.674 | 0        | 25398    | N.D.     | 0.409 #   |
| 24)                         | Chlordane-2     | 5.147f | 4.274 | 285.3E6  | 491679   | 1637.697 | 6.404 #   |
| 25)                         | Chlordane-3     | 5.836  | 4.897 | 253.8E6  | 110.4E6  | 364.042  | 499.617 # |
| 26)                         | Chlordane-4     | 5.917  | 4.962 | 249.1E6  | 114.9E6  | 291.296  | 493.657 # |
| 27)                         | Chlordane-5     | 0.000  | 5.634 | 0        | 88418    | N.D.     | 1.367 #   |
| -----                       |                 |        |       |          |          |          |           |

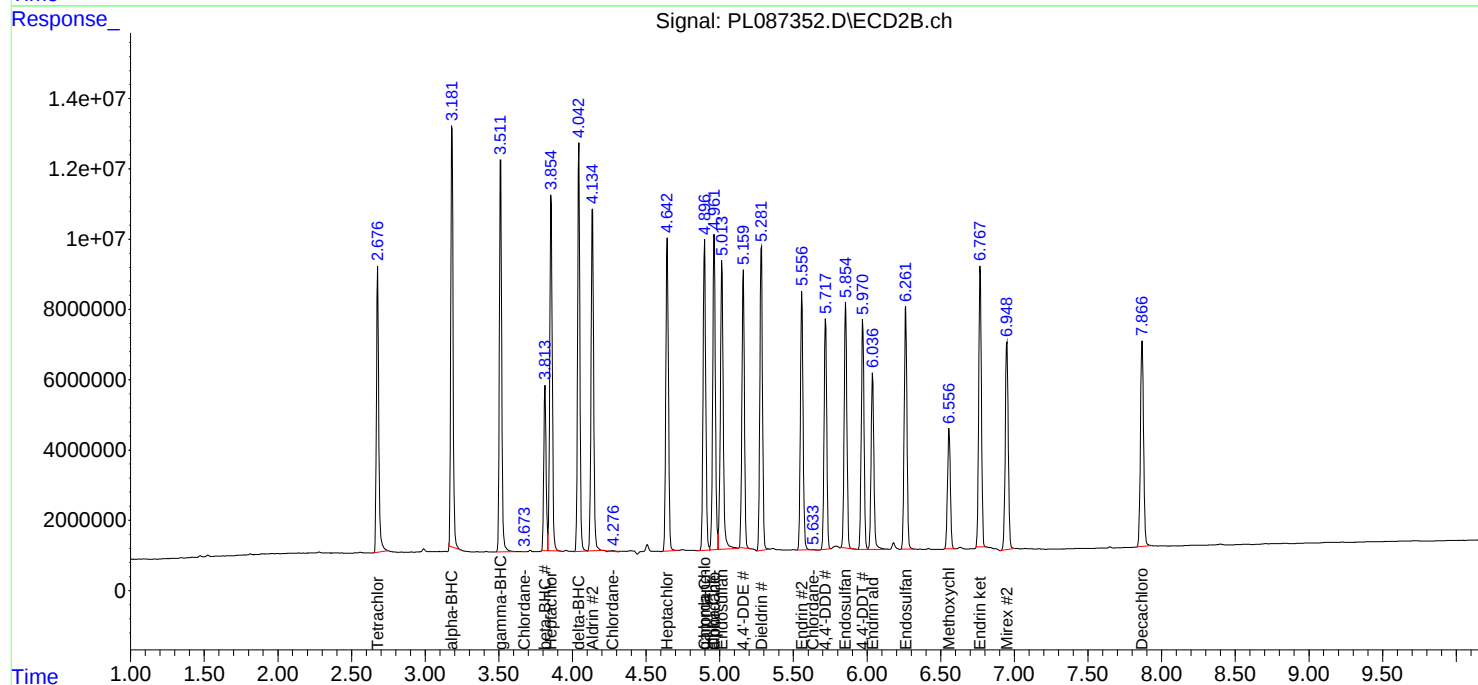
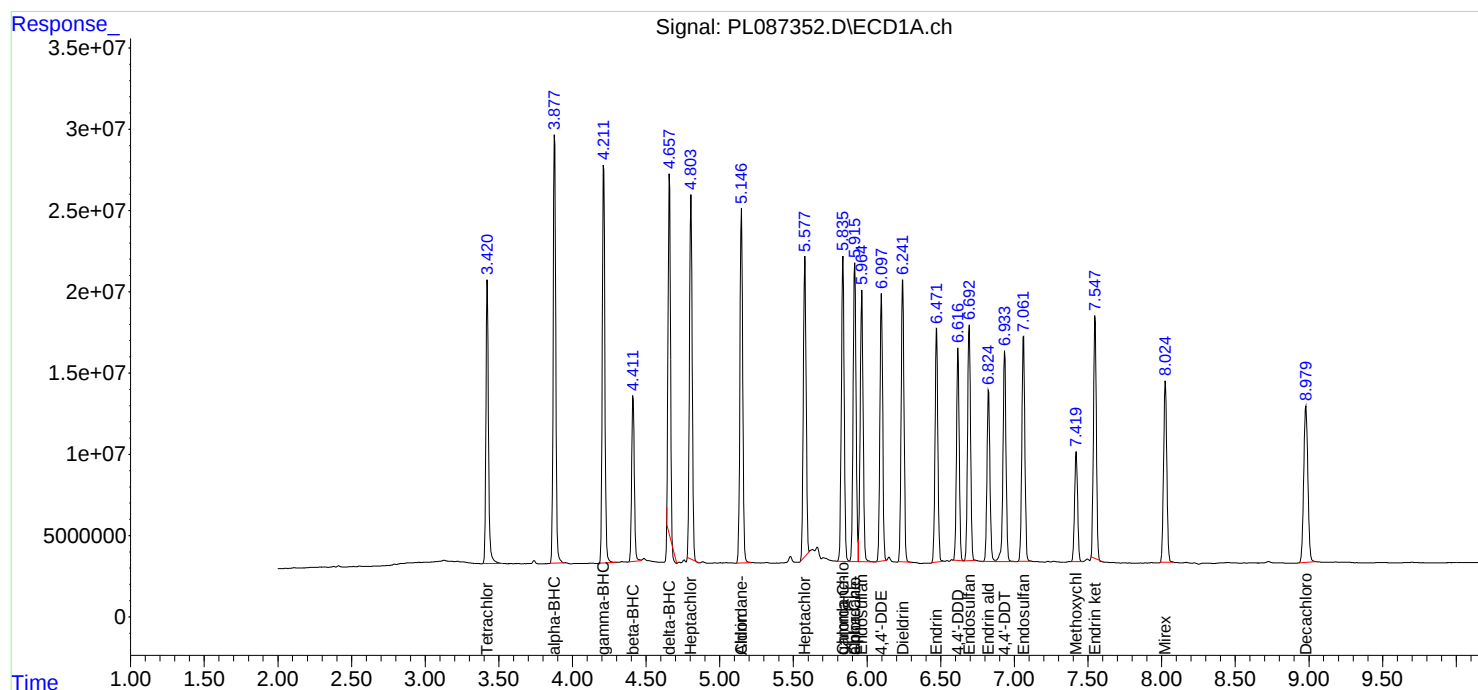
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

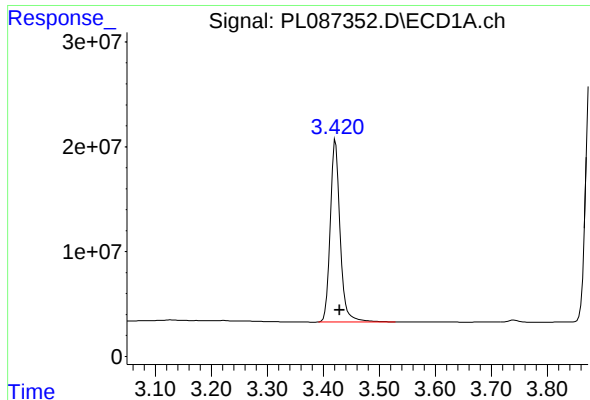
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 21:26  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 01:36:20 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

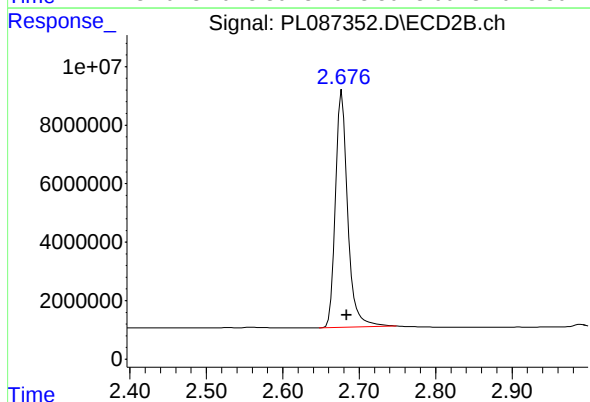




#1 Tetrachloro-m-xylene

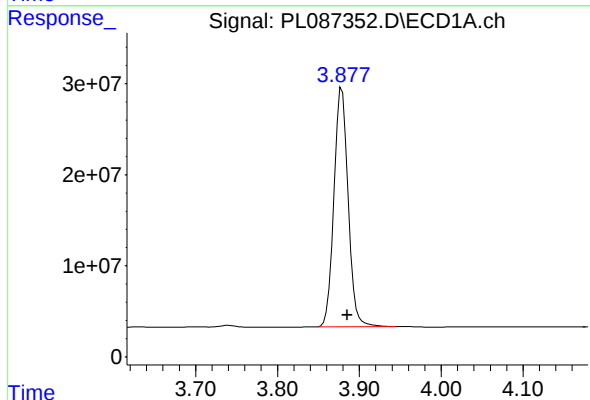
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 212937913  
Conc: 56.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



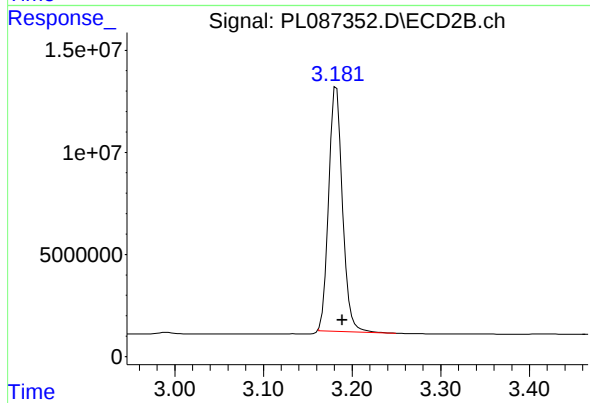
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 89686525  
Conc: 53.28 ng/ml



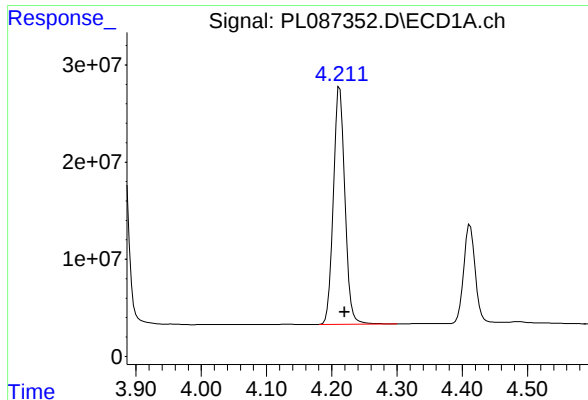
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 316982592  
Conc: 58.55 ng/ml



#2 alpha-BHC

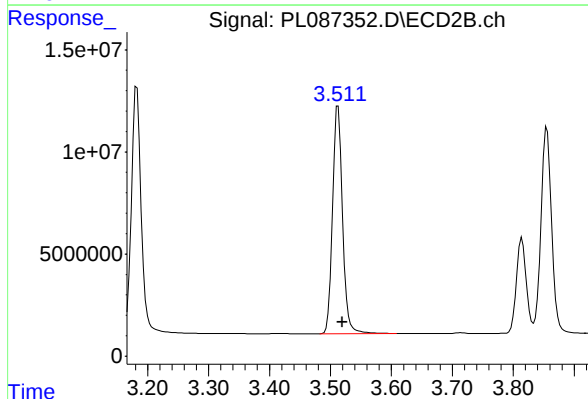
R.T.: 3.182 min  
Delta R.T.: -0.007 min  
Response: 129101048  
Conc: 52.53 ng/ml



#3 gamma-BHC (Lindane)

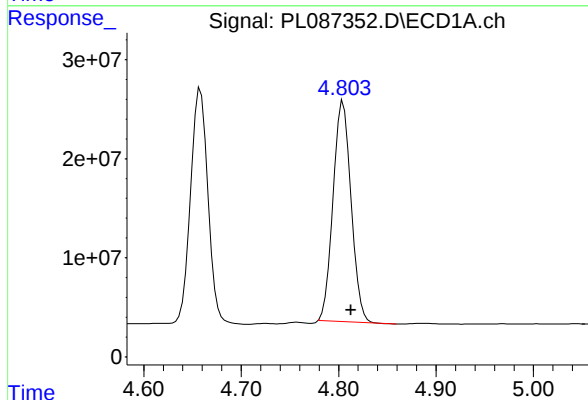
R.T.: 4.212 min  
Delta R.T.: -0.007 min  
Response: 299888852  
Conc: 57.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



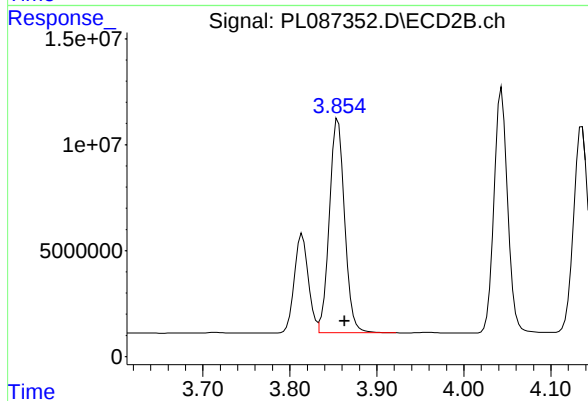
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: -0.008 min  
Response: 126956642  
Conc: 52.41 ng/ml



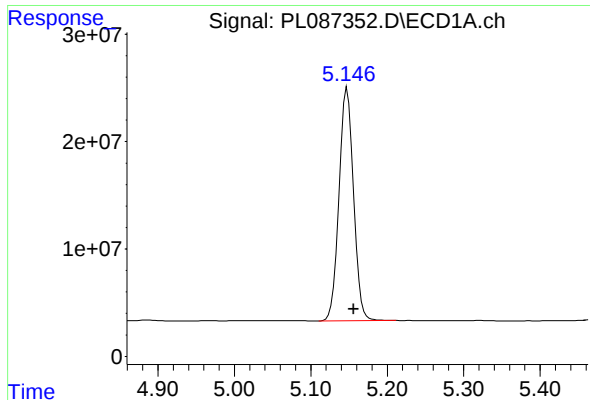
#4 Heptachlor

R.T.: 4.805 min  
Delta R.T.: -0.008 min  
Response: 284765883  
Conc: 53.46 ng/ml



#4 Heptachlor

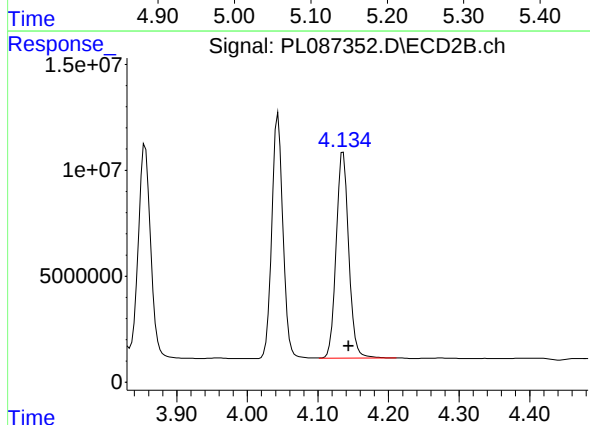
R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 121821131  
Conc: 50.96 ng/ml



#5 Aldrin

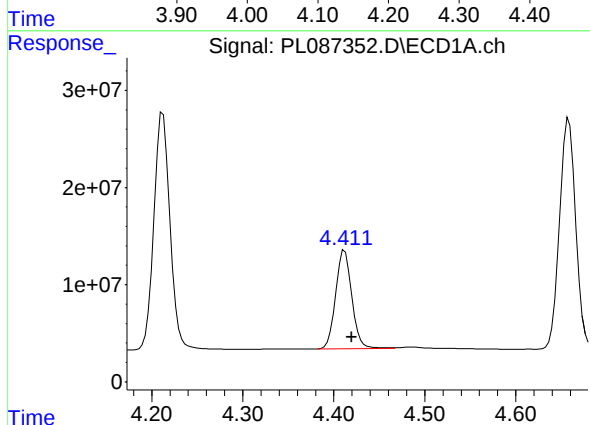
R.T.: 5.147 min  
Delta R.T.: -0.009 min  
Response: 285268756  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



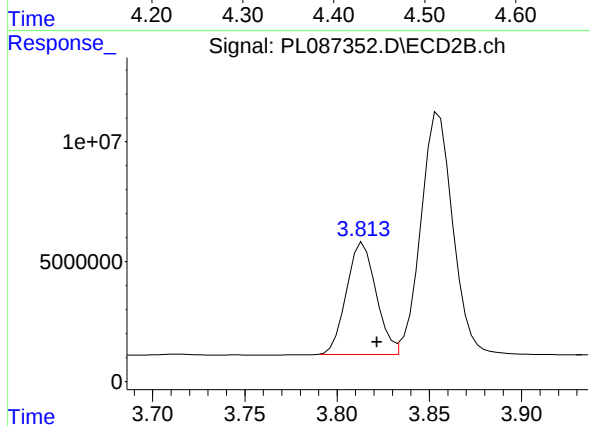
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.008 min  
Response: 120708535  
Conc: 50.34 ng/ml



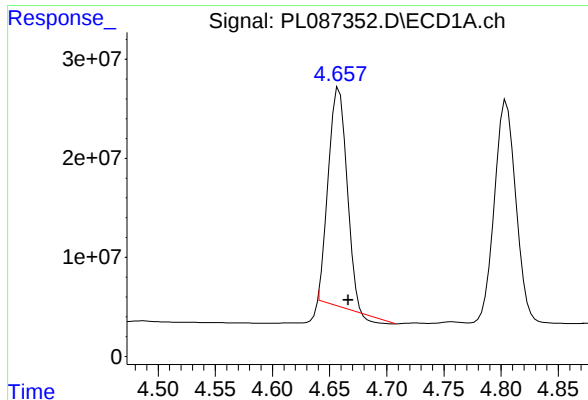
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.008 min  
Response: 124939488  
Conc: 54.40 ng/ml



#6 beta-BHC

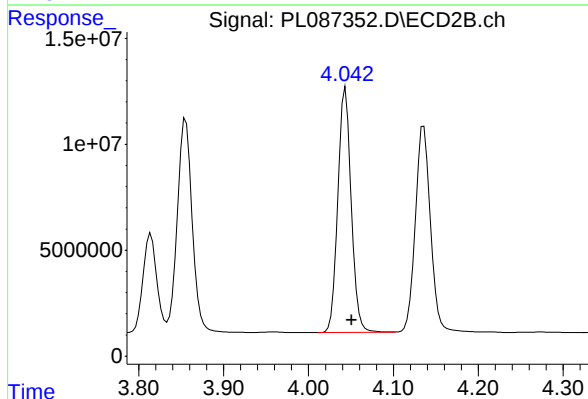
R.T.: 3.814 min  
Delta R.T.: -0.008 min  
Response: 52029840  
Conc: 49.98 ng/ml



#7 delta-BHC

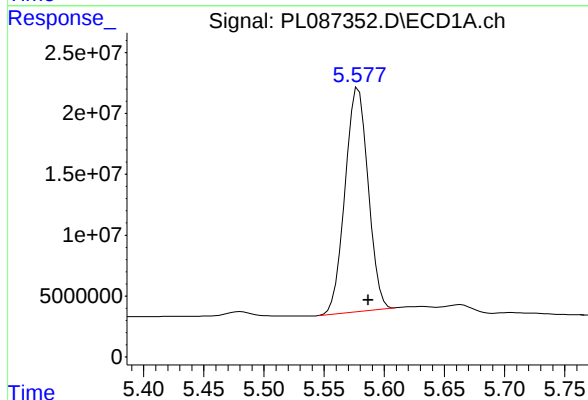
R.T.: 4.658 min  
Delta R.T.: -0.008 min  
Response: 243487299  
Conc: 46.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



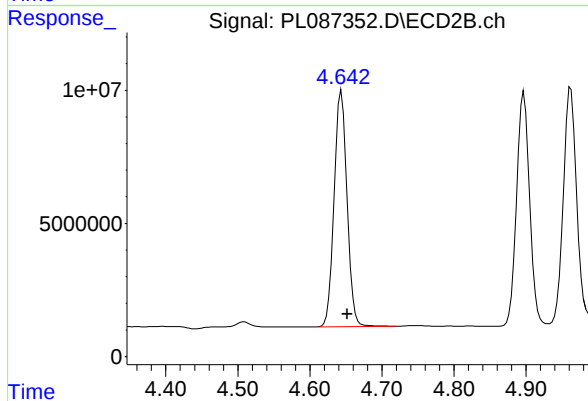
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.008 min  
Response: 126475643  
Conc: 51.70 ng/ml



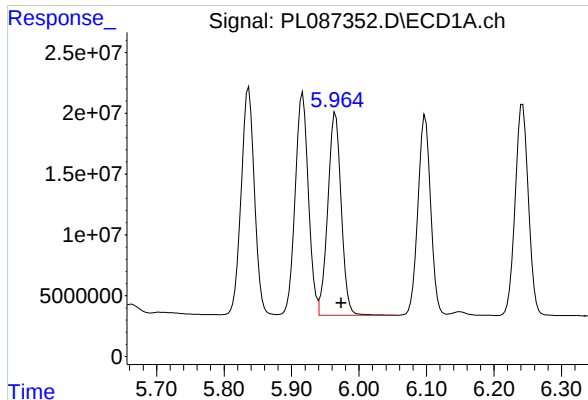
#8 Heptachlor epoxide

R.T.: 5.579 min  
Delta R.T.: -0.008 min  
Response: 246123778  
Conc: 52.22 ng/ml



#8 Heptachlor epoxide

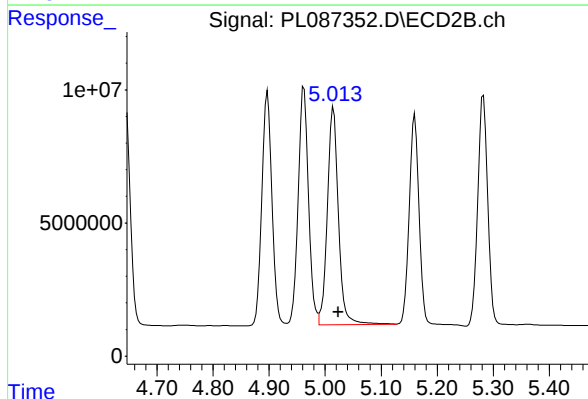
R.T.: 4.644 min  
Delta R.T.: -0.008 min  
Response: 109218876  
Conc: 49.08 ng/ml



#9 Endosulfan I

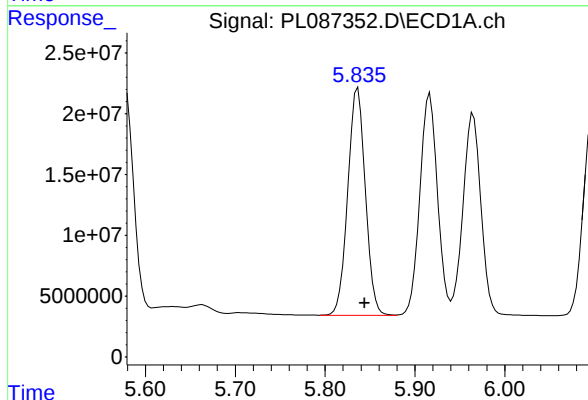
R.T.: 5.965 min  
Delta R.T.: -0.008 min  
Response: 231301878  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



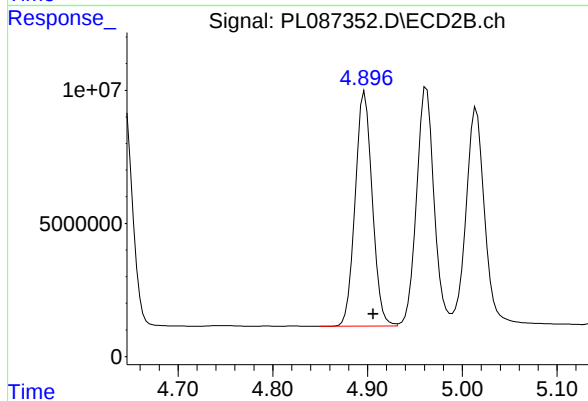
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.009 min  
Response: 112547397  
Conc: 52.08 ng/ml



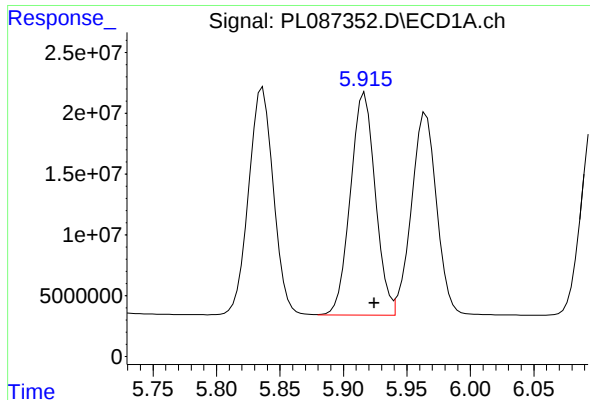
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: -0.007 min  
Response: 253757088  
Conc: 52.34 ng/ml



#10 gamma-Chlordane

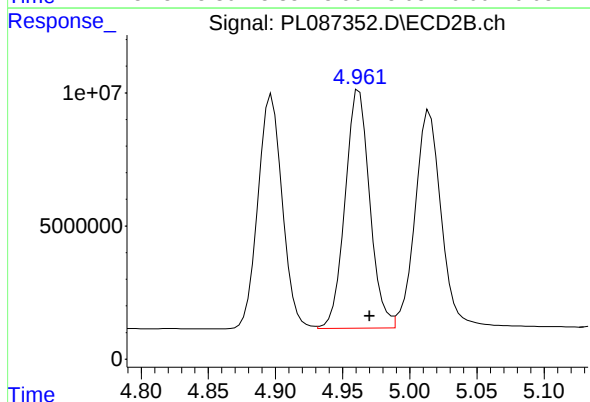
R.T.: 4.897 min  
Delta R.T.: -0.009 min  
Response: 110448779  
Conc: 48.29 ng/ml



#11 alpha-Chlordane

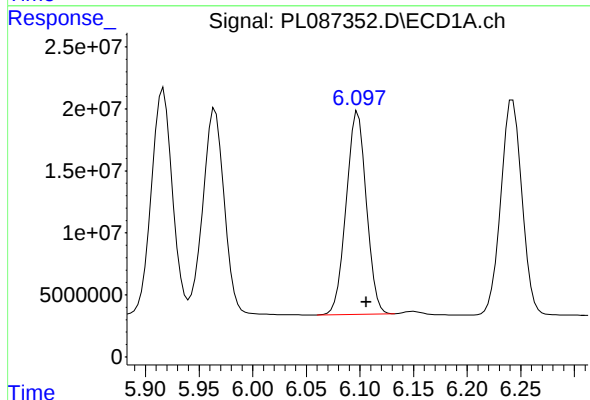
R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 249078492  
Conc: 51.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



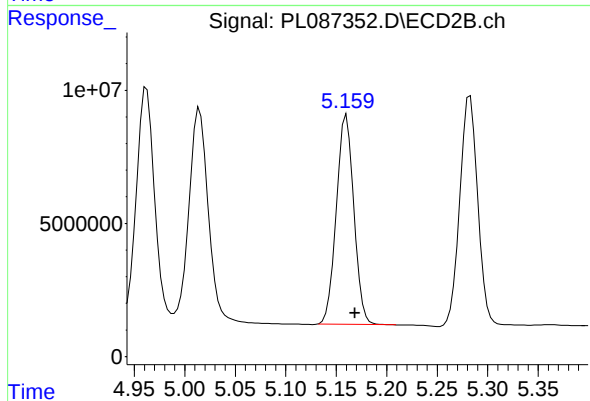
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 114931797  
Conc: 49.80 ng/ml



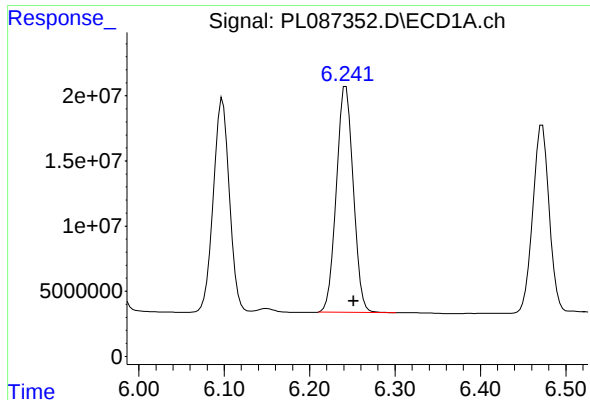
#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 214269283  
Conc: 51.71 ng/ml



#12 4,4'-DDE

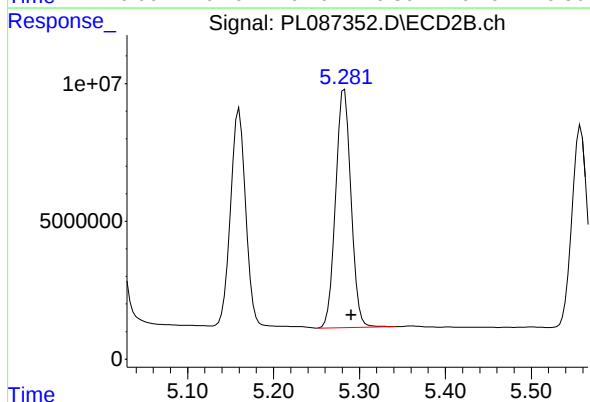
R.T.: 5.160 min  
Delta R.T.: -0.008 min  
Response: 94932182  
Conc: 47.81 ng/ml



#13 Dieldrin

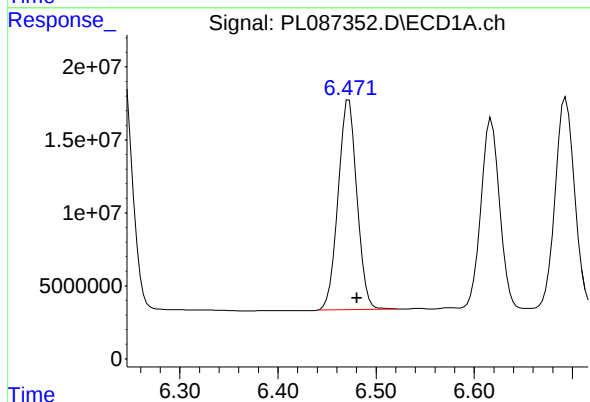
R.T.: 6.242 min  
Delta R.T.: -0.009 min  
Response: 237311247  
Conc: 51.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



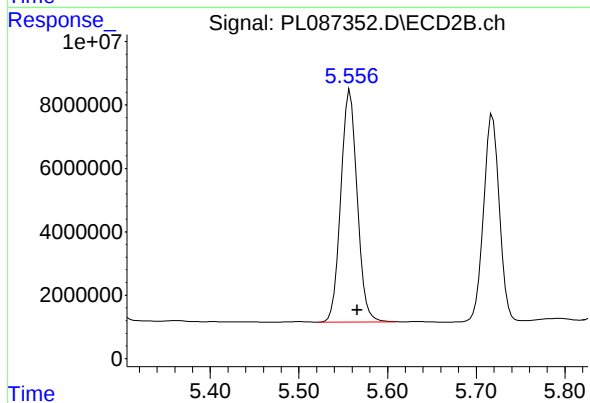
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: -0.008 min  
Response: 107536246  
Conc: 48.27 ng/ml



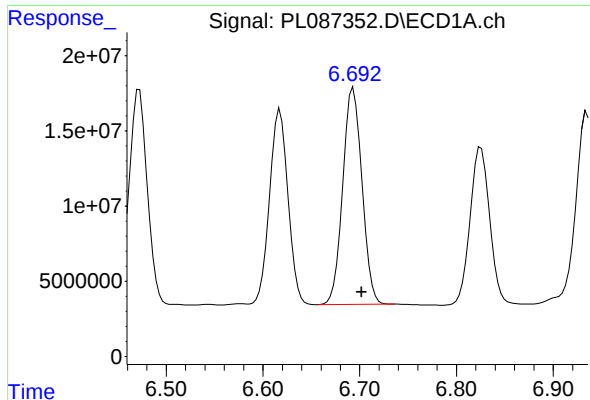
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: -0.008 min  
Response: 191644115  
Conc: 49.81 ng/ml



#14 Endrin

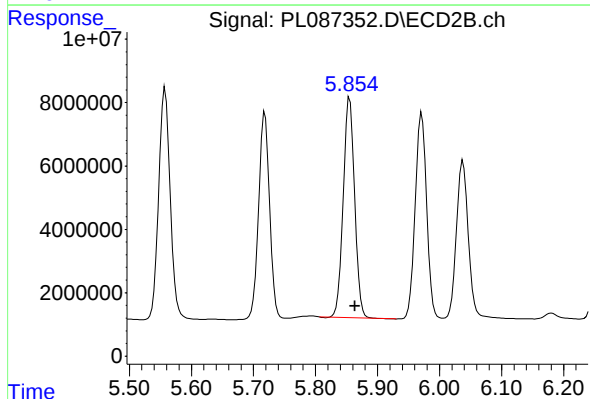
R.T.: 5.558 min  
Delta R.T.: -0.008 min  
Response: 93858415  
Conc: 47.03 ng/ml



#15 Endosulfan II

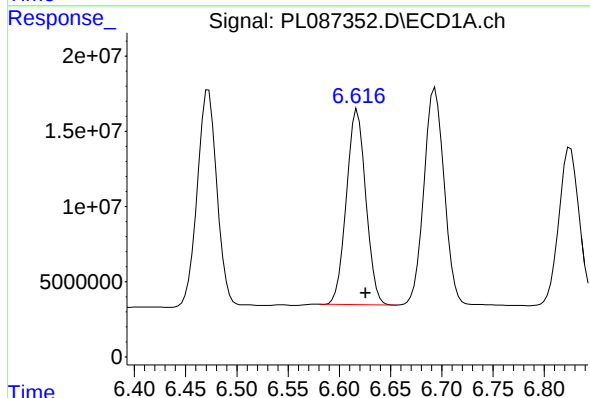
R.T.: 6.694 min  
Delta R.T.: -0.008 min  
Response: 198009103  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



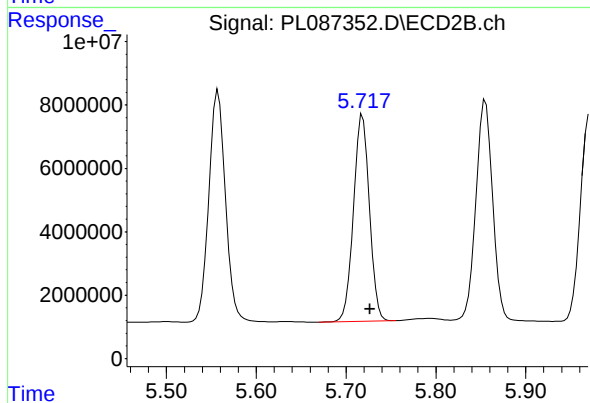
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.009 min  
Response: 89094187  
Conc: 45.76 ng/ml



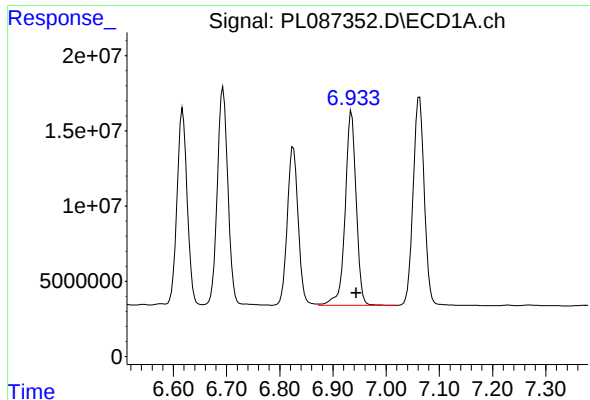
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: -0.008 min  
Response: 170699473  
Conc: 51.65 ng/ml



#16 4,4'-DDD

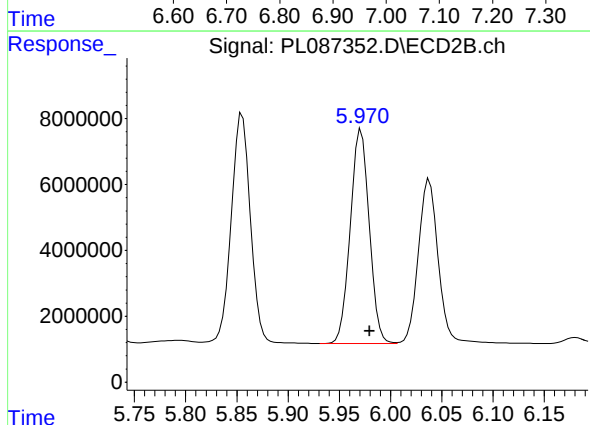
R.T.: 5.718 min  
Delta R.T.: -0.008 min  
Response: 80237291  
Conc: 48.46 ng/ml



#17 4,4'-DDT

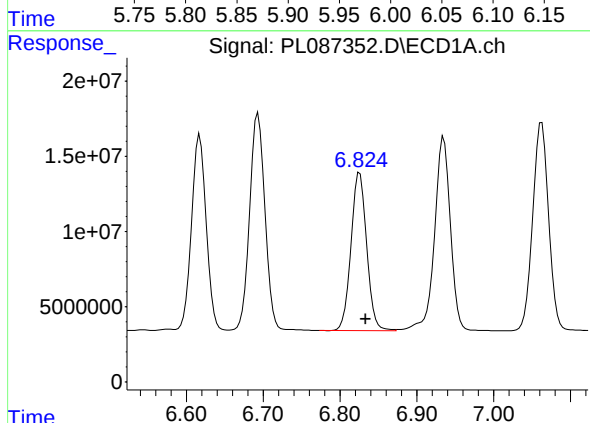
R.T.: 6.935 min  
Delta R.T.: -0.009 min  
Response: 185602064  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



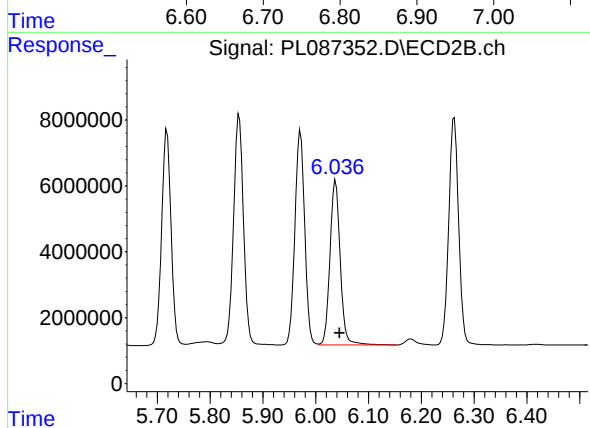
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.008 min  
Response: 83624458  
Conc: 45.34 ng/ml



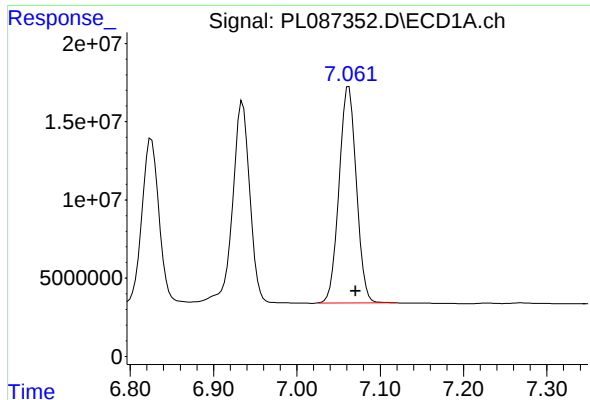
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 148386536  
Conc: 51.20 ng/ml



#18 Endrin aldehyde

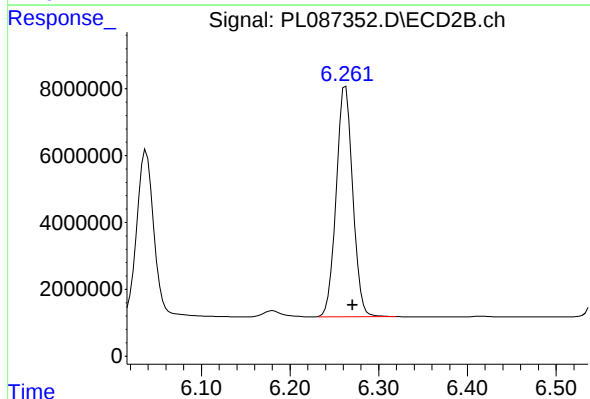
R.T.: 6.038 min  
Delta R.T.: -0.008 min  
Response: 67403612  
Conc: 45.93 ng/ml



#19 Endosulfan Sulfate

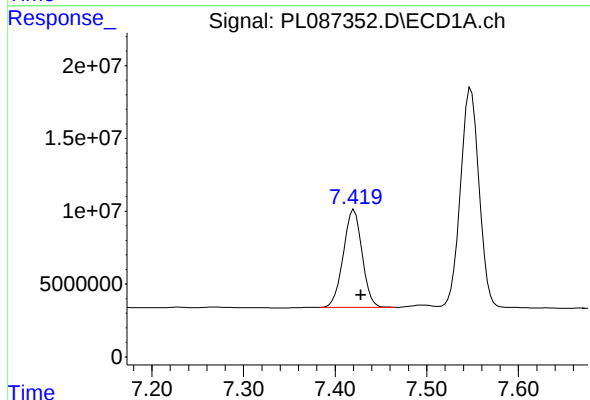
R.T.: 7.062 min  
Delta R.T.: -0.008 min  
Response: 199072644  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



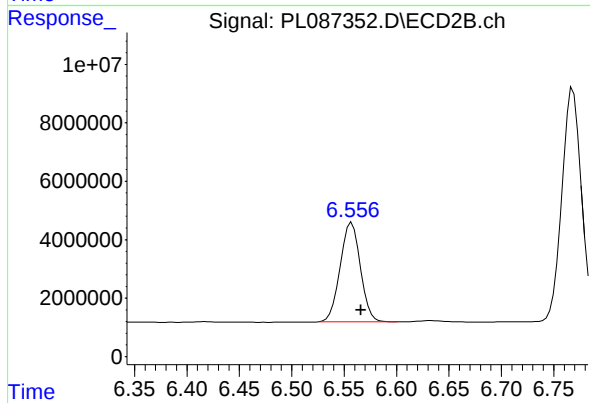
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 89173754  
Conc: 47.34 ng/ml



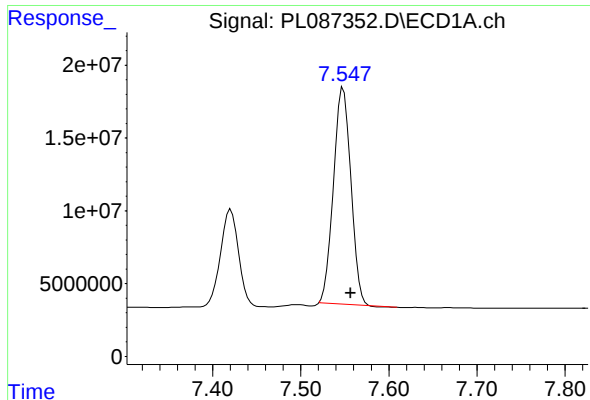
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: -0.007 min  
Response: 95655053  
Conc: 49.06 ng/ml



#20 Methoxychlor

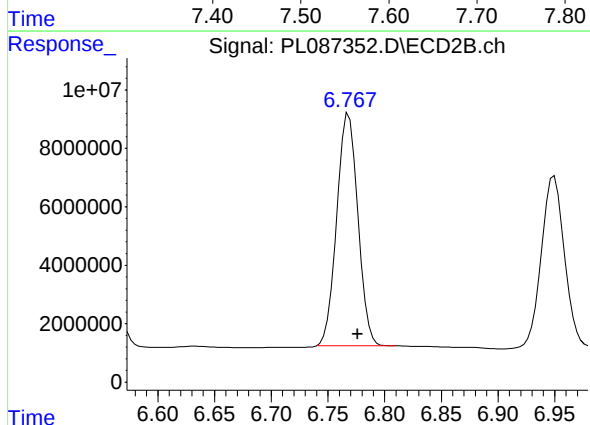
R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 45574067  
Conc: 44.62 ng/ml



#21 Endrin ketone

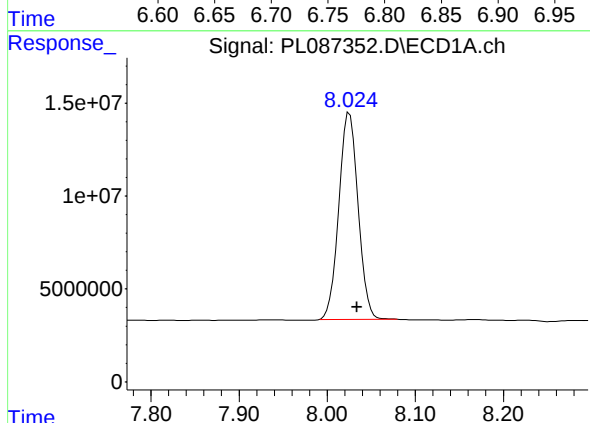
R.T.: 7.548 min  
Delta R.T.: -0.008 min  
Response: 204402792  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



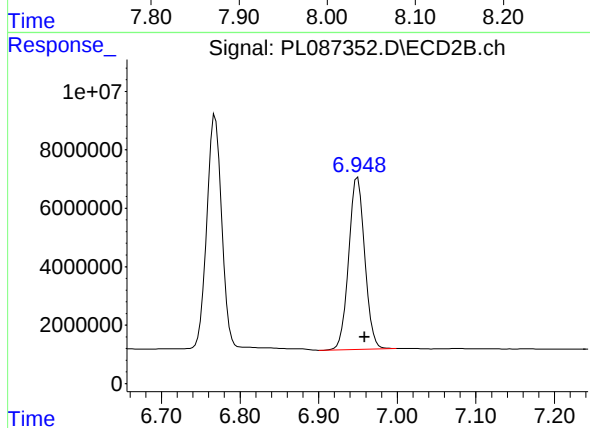
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.008 min  
Response: 102835345  
Conc: 48.31 ng/ml



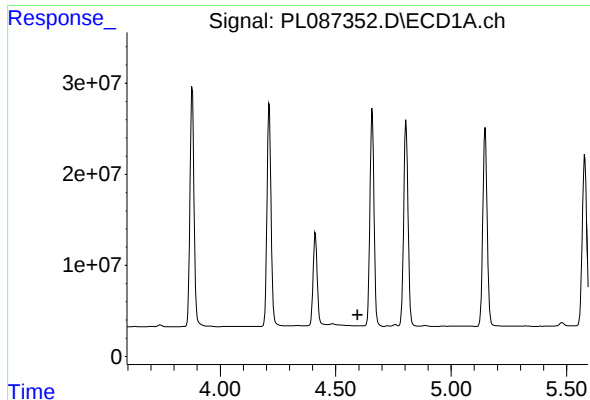
#22 Mirex

R.T.: 8.025 min  
Delta R.T.: -0.008 min  
Response: 169278771  
Conc: 50.26 ng/ml



#22 Mirex

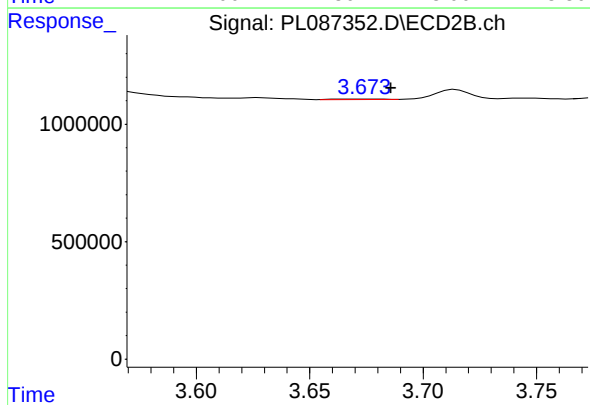
R.T.: 6.950 min  
Delta R.T.: -0.009 min  
Response: 83525234  
Conc: 46.95 ng/ml



#23 Chlordane-1

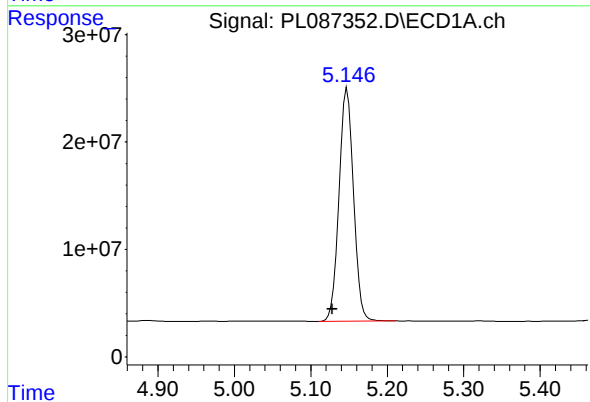
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



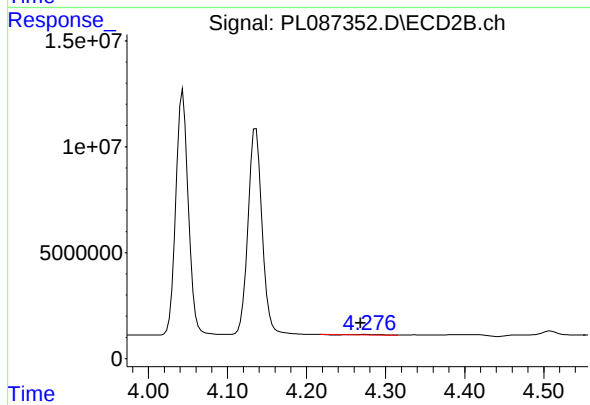
#23 Chlordane-1

R.T.: 3.674 min  
Delta R.T.: -0.012 min  
Response: 25398  
Conc: 0.41 ng/ml



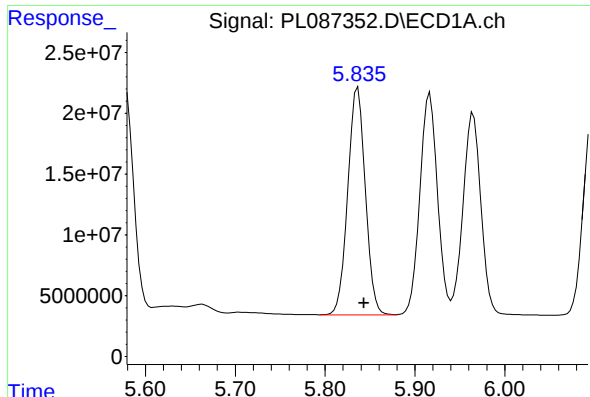
#24 Chlordane-2

R.T.: 5.147 min  
Delta R.T.: 0.019 min  
Response: 285268756  
Conc: 1637.70 ng/ml



#24 Chlordane-2

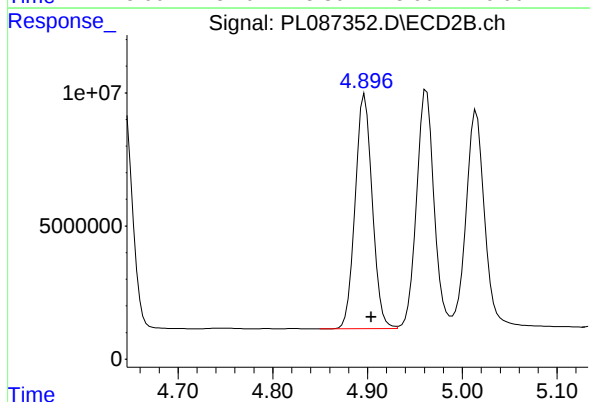
R.T.: 4.274 min  
Delta R.T.: 0.006 min  
Response: 491679  
Conc: 6.40 ng/ml



#25 Chlordane-3

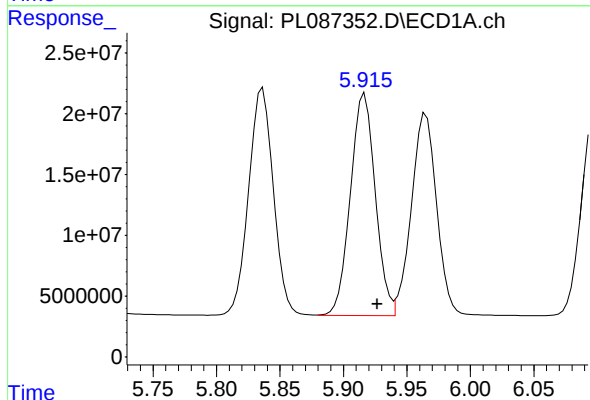
R.T.: 5.836 min  
Delta R.T.: -0.007 min  
Response: 253757088  
Conc: 364.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



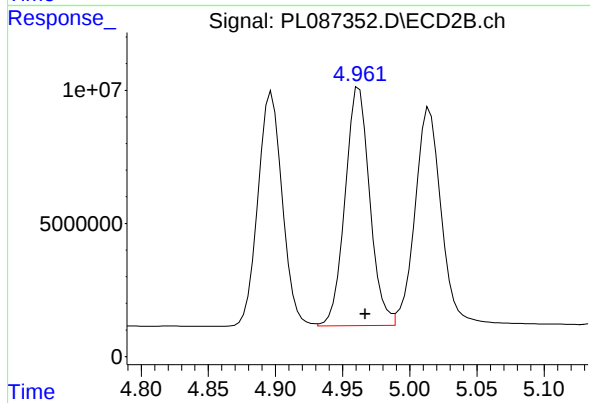
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.007 min  
Response: 110448779  
Conc: 499.62 ng/ml



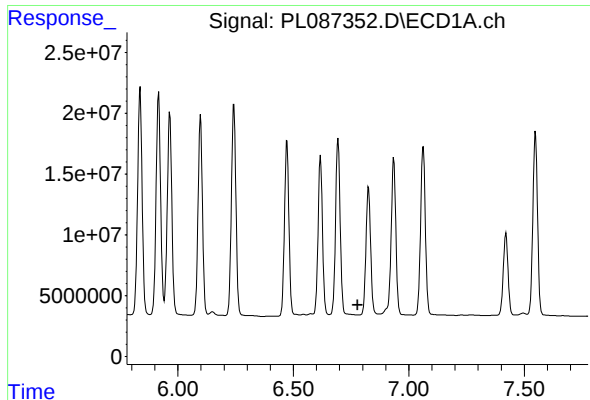
#26 Chlordane-4

R.T.: 5.917 min  
Delta R.T.: -0.010 min  
Response: 249078492  
Conc: 291.30 ng/ml



#26 Chlordane-4

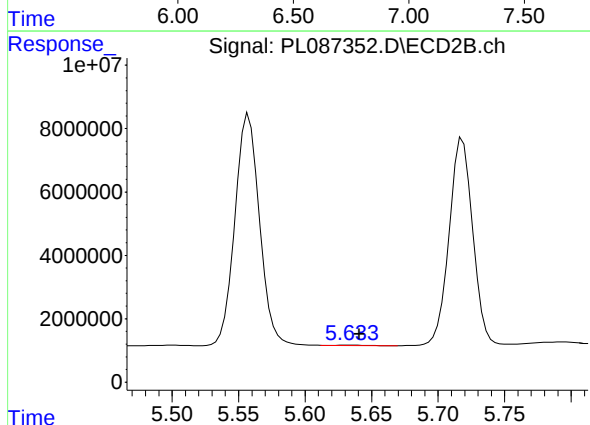
R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 114931797  
Conc: 493.66 ng/ml



#27 Chlordane-5

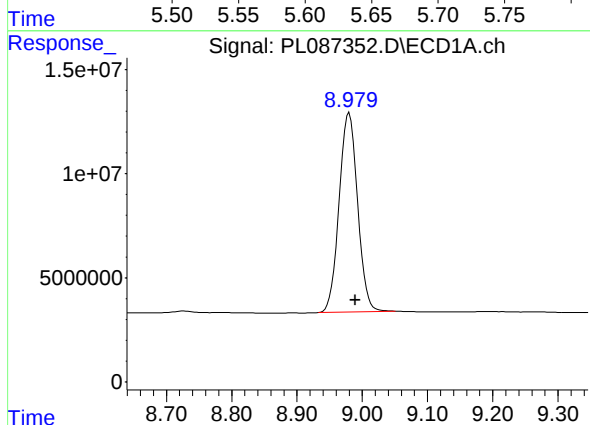
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



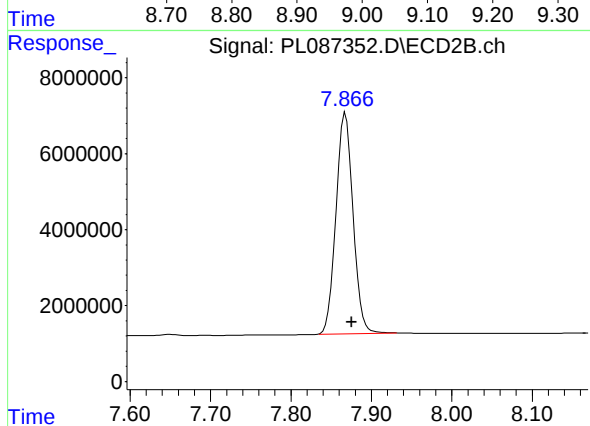
#27 Chlordane-5

R.T.: 5.634 min  
Delta R.T.: -0.006 min  
Response: 88418  
Conc: 1.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: -0.009 min  
Response: 188619684  
Conc: 55.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 85912133  
Conc: 50.87 ng/ml