

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040424\  
 Data File : PL088922.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2024 09:22  
 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: Apr 05 01:25:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.634  | 2.851  | 129.9E6  | 69151359 | 49.002   | 51.887    |
| 28)                         | SA Decachlor... | 9.307  | 8.081  | 109.7E6  | 71667882 | 44.360   | 52.855    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.099  | 3.365  | 199.8E6  | 105.9E6  | 50.064   | 52.694    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.701  | 193.1E6  | 102.7E6  | 49.793   | 53.498    |
| 4)                          | MA Heptachlor   | 5.037  | 4.050  | 183.9E6  | 98009275 | 48.438   | 54.458    |
| 5)                          | MB Aldrin       | 5.385  | 4.335  | 182.8E6  | 102.2E6  | 49.872   | 56.542    |
| 6)                          | B beta-BHC      | 4.635  | 4.003  | 84245169 | 44161668 | 47.504   | 51.516    |
| 7)                          | B delta-BHC     | 4.887  | 4.238  | 190.1E6  | 102.7E6  | 47.190   | 53.690    |
| 8)                          | B Heptachlo...  | 5.817  | 4.845  | 183.6E6  | 89609625 | 53.445   | 54.491    |
| 9)                          | A Endosulfan I  | 6.208  | 5.221  | 153.5E6  | 79240349 | 50.237   | 52.713    |
| 10)                         | B gamma-Chl...  | 6.076  | 5.100  | 179.3E6  | 91002634 | 53.819   | 54.943    |
| 11)                         | B alpha-Chl...  | 6.157  | 5.165  | 171.0E6  | 90973846 | 51.457   | 54.806    |
| 12)                         | B 4,4'-DDE      | 6.332  | 5.358  | 147.7E6  | 83061910 | 49.420   | 56.947    |
| 13)                         | MA Dieldrin     | 6.487  | 5.491  | 161.0E6  | 90865003 | 49.660   | 55.946    |
| 14)                         | MA Endrin       | 6.720  | 5.770  | 140.8E6  | 77191487 | 51.512   | 53.552    |
| 15)                         | B Endosulfa...  | 6.941  | 6.068  | 146.8E6  | 77917253 | 51.249   | 54.189    |
| 16)                         | A 4,4'-DDD      | 6.855  | 5.921  | 136.5E6  | 72002044 | 53.609   | 57.816    |
| 17)                         | MA 4,4'-DDT     | 7.174  | 6.175  | 122.6E6  | 71668818 | 46.010   | 53.397    |
| 18)                         | B Endrin al...  | 7.072  | 6.250  | 95657329 | 60601377 | 45.816   | 57.829 #  |
| 19)                         | B Endosulfa...  | 7.309  | 6.476  | 133.5E6  | 75628324 | 48.331   | 54.509    |
| 20)                         | A Methoxychlor  | 7.655  | 6.759  | 68256127 | 40865575 | 45.307   | 50.950    |
| 21)                         | B Endrin ke...  | 7.801  | 6.989  | 148.5E6  | 91264783 | 50.241   | 55.288    |
| 22)                         | Mirex           | 8.283  | 7.176  | 115.5E6  | 73110610 | 49.277   | 54.219    |
| 23)                         | Chlordane-1     | 0.000  | 3.872  | 0        | 61547    | N.D.     | 1.268 #   |
| 24)                         | Chlordane-2     | 5.385f | 4.473  | 182.8E6  | 838447   | 1390.098 | 13.809 #  |
| 25)                         | Chlordane-3     | 6.076  | 5.100  | 179.3E6  | 91002634 | 360.514  | 533.206 # |
| 26)                         | Chlordane-4     | 6.157  | 5.165  | 171.0E6  | 90973846 | 285.140  | 570.227 # |
| 27)                         | Chlordane-5     | 7.021  | 5.861f | 484643   | 338299   | 4.585    | 6.671 #   |
| -----                       |                 |        |        |          |          |          |           |

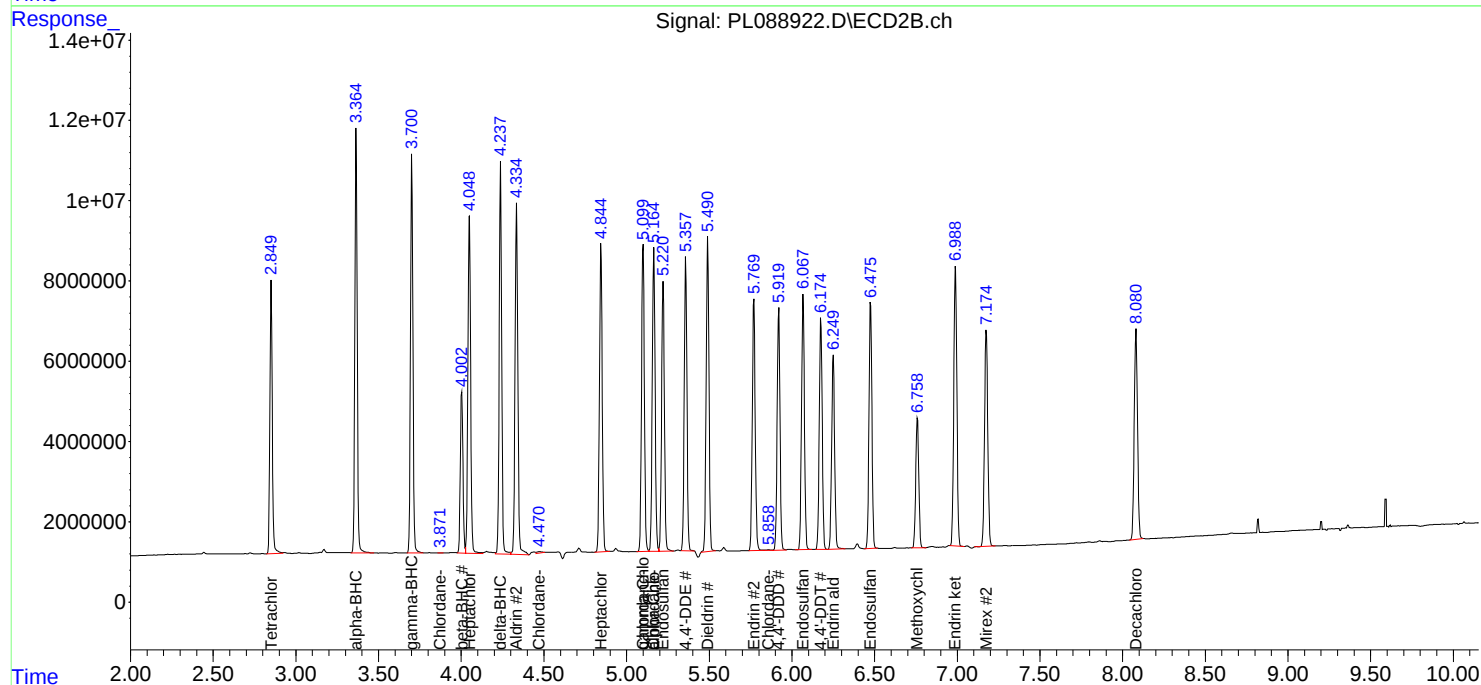
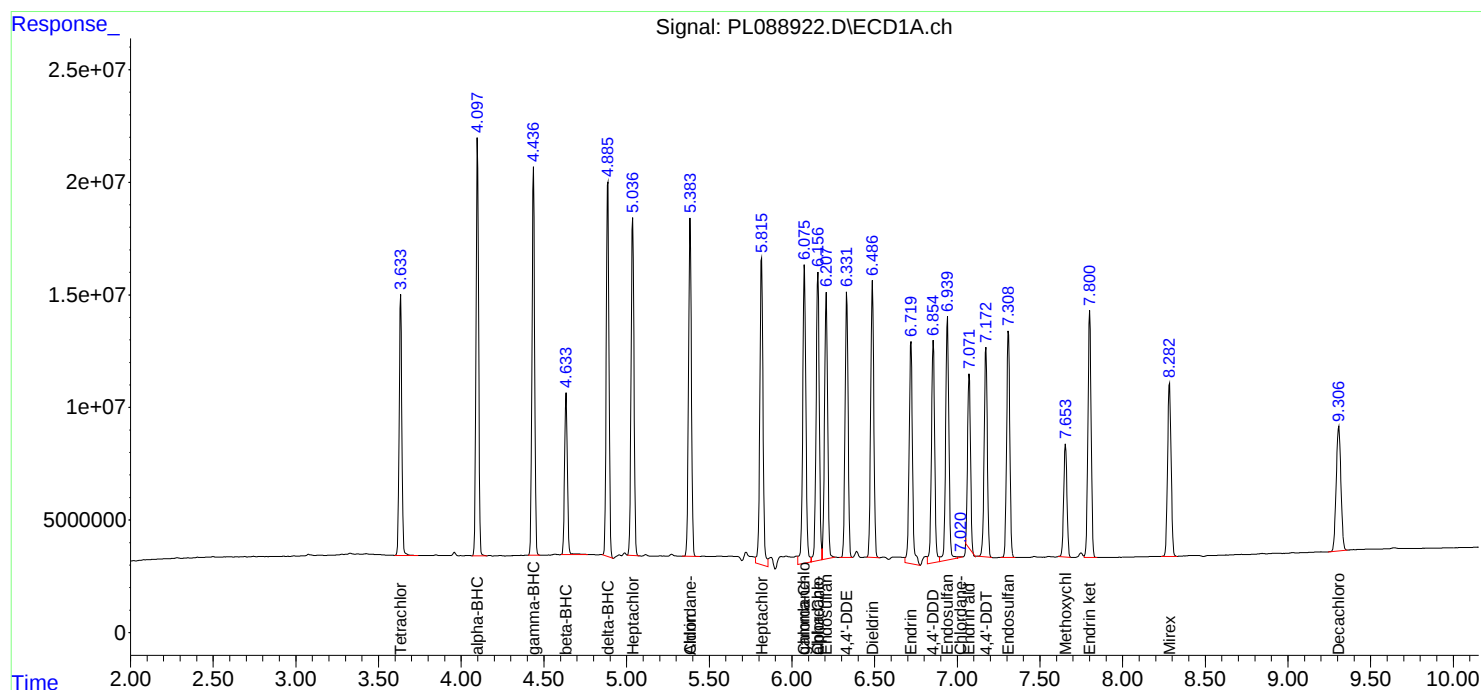
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

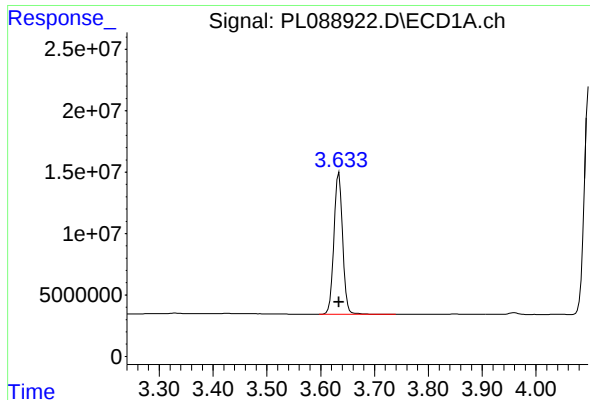
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040424\  
Data File : PL088922.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2024 09:22  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 01:25:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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

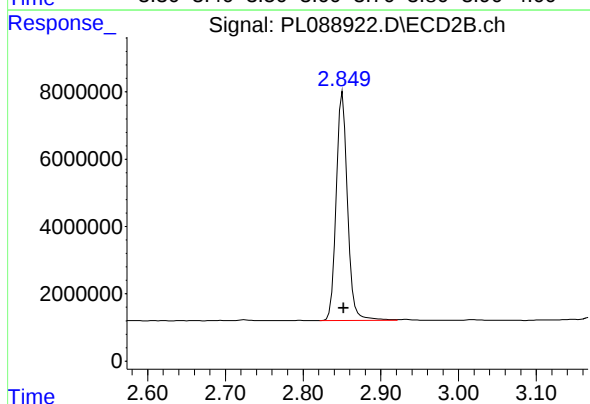




#1 Tetrachloro-m-xylene

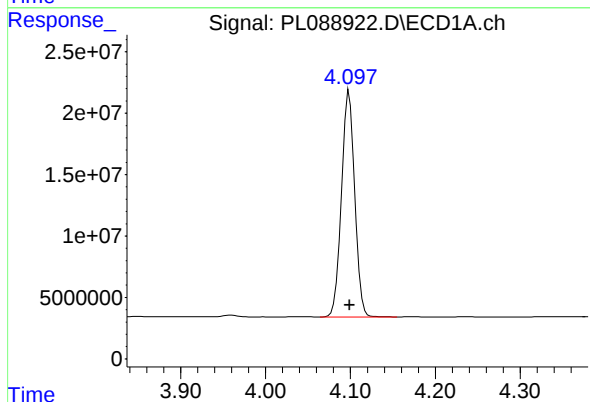
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 129854634  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



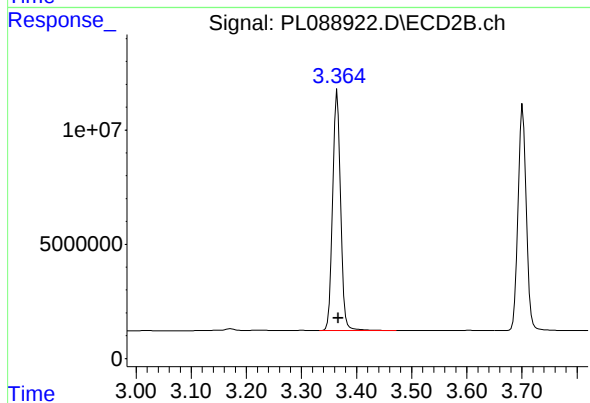
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.001 min  
Response: 69151359  
Conc: 51.89 ng/ml



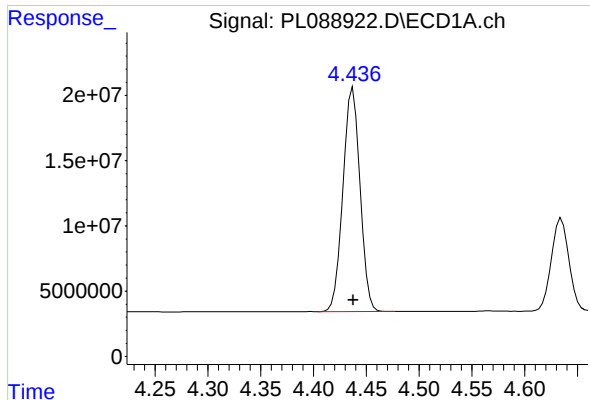
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 199838711  
Conc: 50.06 ng/ml



#2 alpha-BHC

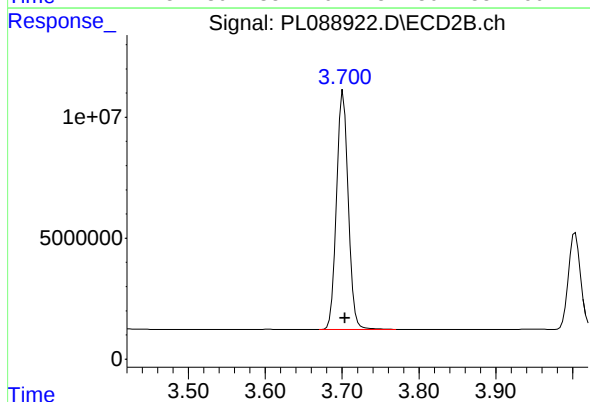
R.T.: 3.365 min  
Delta R.T.: -0.002 min  
Response: 105886488  
Conc: 52.69 ng/ml



#3 gamma-BHC (Lindane)

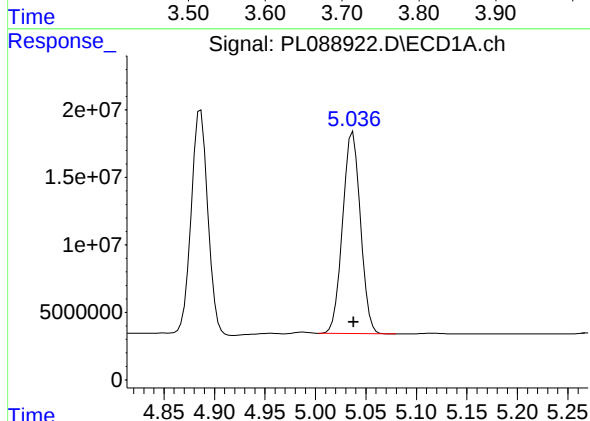
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 193109148  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



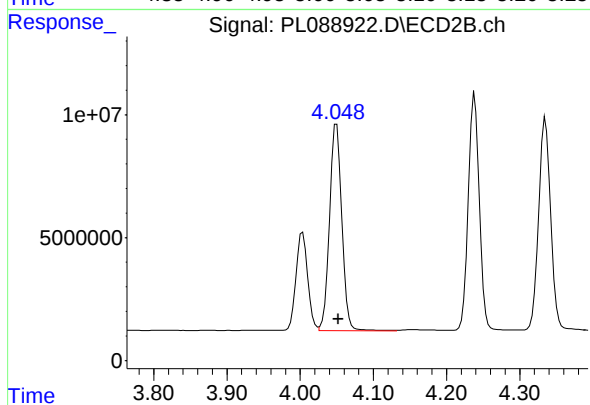
#3 gamma-BHC (Lindane)

R.T.: 3.701 min  
Delta R.T.: -0.002 min  
Response: 102670109  
Conc: 53.50 ng/ml



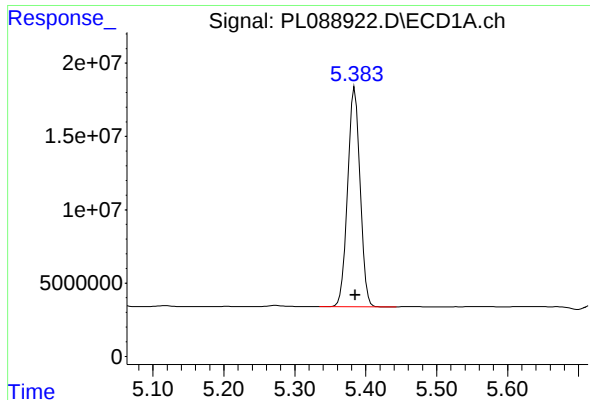
#4 Heptachlor

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 183942026  
Conc: 48.44 ng/ml



#4 Heptachlor

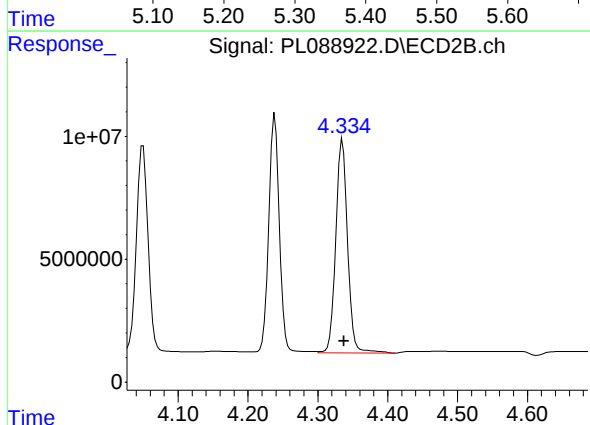
R.T.: 4.050 min  
Delta R.T.: -0.002 min  
Response: 98009275  
Conc: 54.46 ng/ml



#5 Aldrin

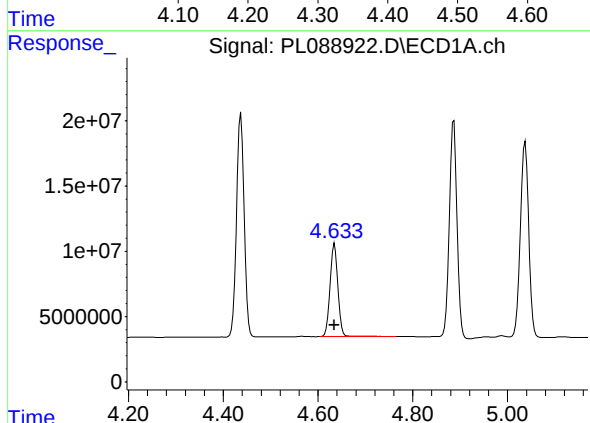
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 182753886  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



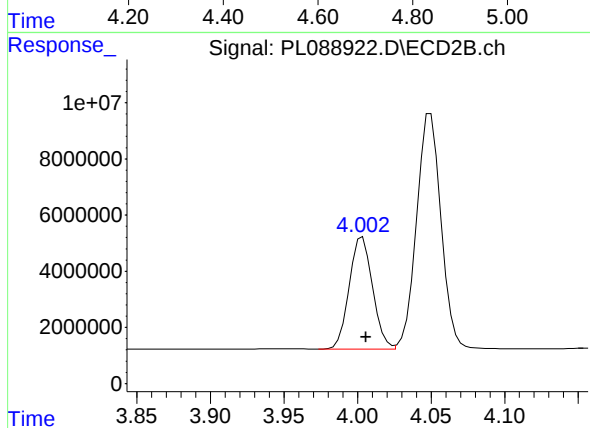
#5 Aldrin

R.T.: 4.335 min  
Delta R.T.: -0.002 min  
Response: 102176231  
Conc: 56.54 ng/ml



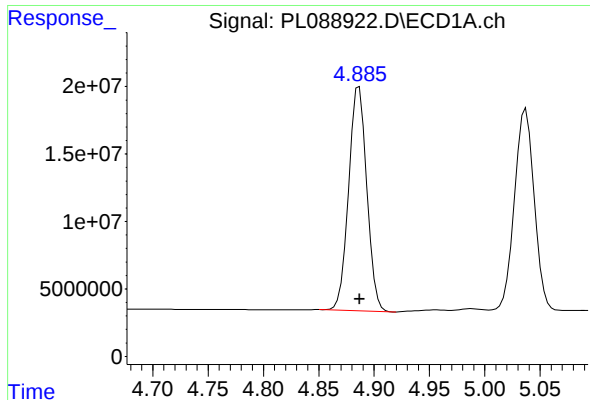
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 84245169  
Conc: 47.50 ng/ml



#6 beta-BHC

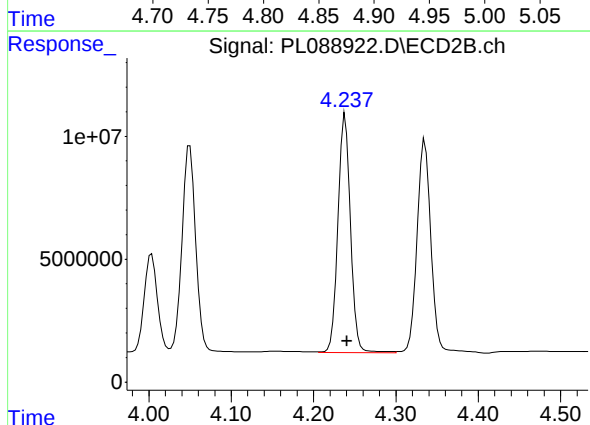
R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 44161668  
Conc: 51.52 ng/ml



#7 delta-BHC

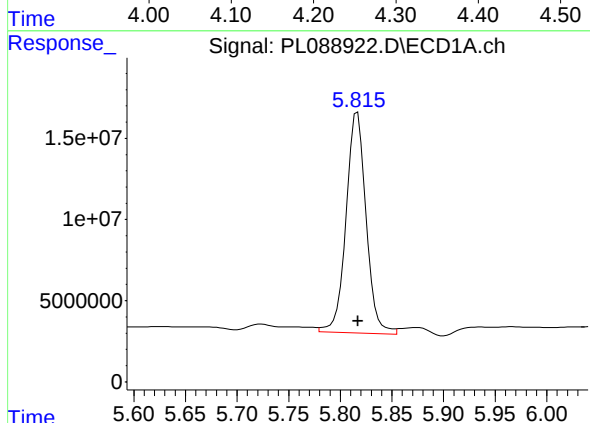
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 190089948  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



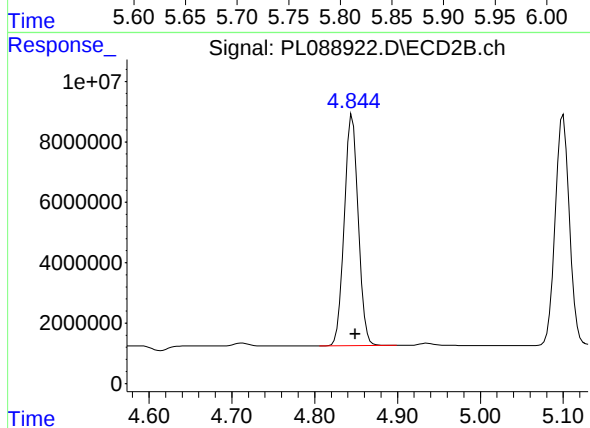
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 102712340  
Conc: 53.69 ng/ml



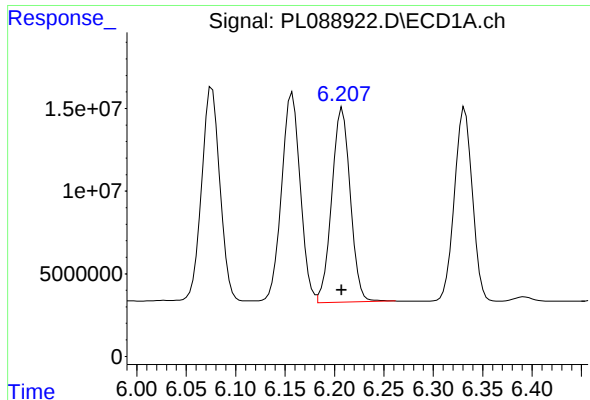
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 183583393  
Conc: 53.45 ng/ml



#8 Heptachlor epoxide

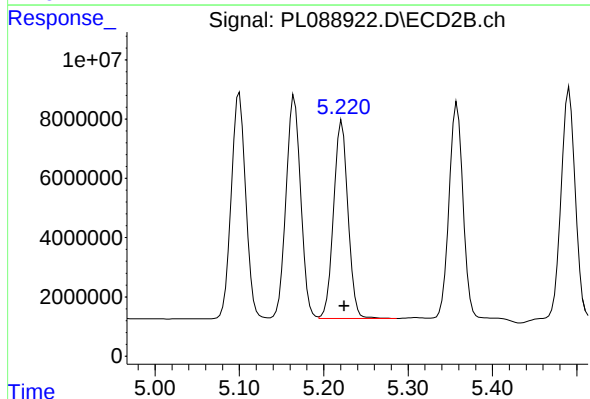
R.T.: 4.845 min  
Delta R.T.: -0.004 min  
Response: 89609625  
Conc: 54.49 ng/ml



#9 Endosulfan I

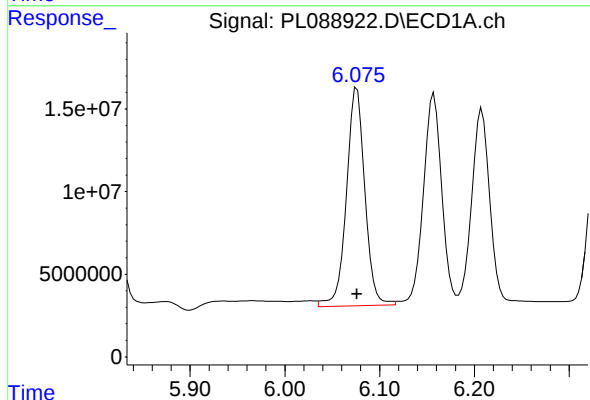
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 153546687  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



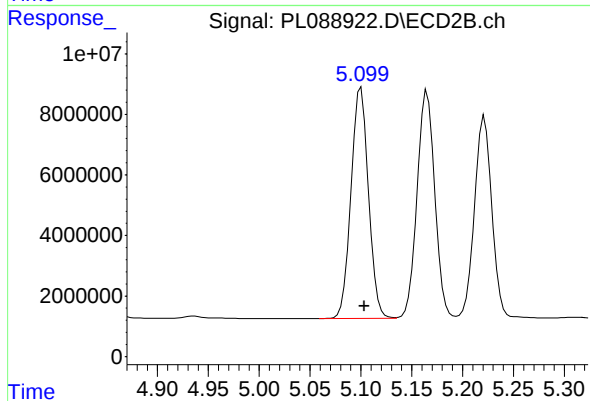
#9 Endosulfan I

R.T.: 5.221 min  
Delta R.T.: -0.003 min  
Response: 79240349  
Conc: 52.71 ng/ml



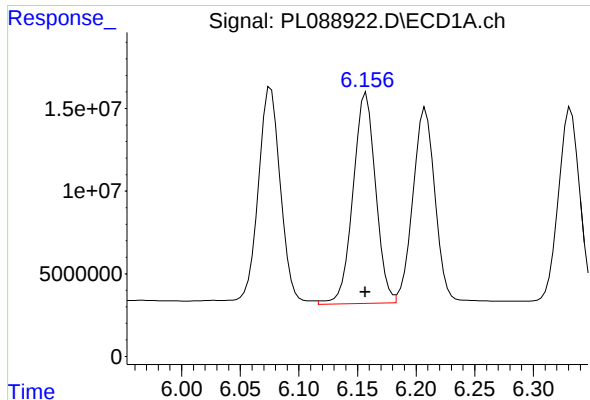
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 179260575  
Conc: 53.82 ng/ml



#10 gamma-Chlordane

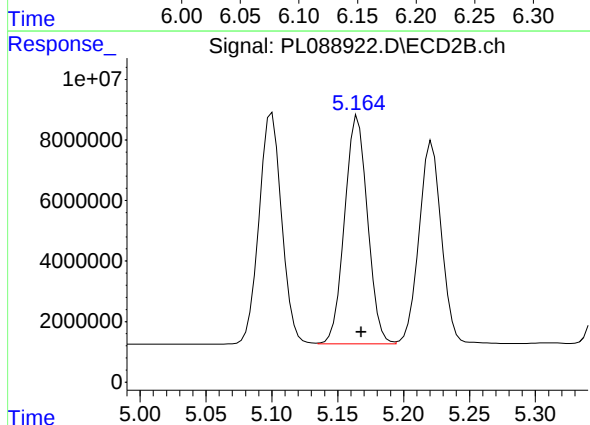
R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 91002634  
Conc: 54.94 ng/ml



#11 alpha-Chlordane

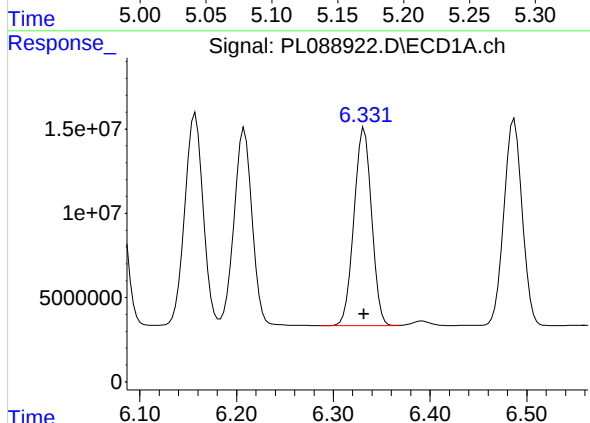
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 171046200  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



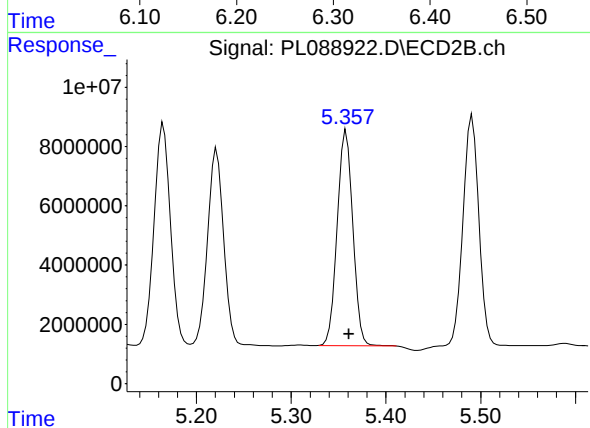
#11 alpha-Chlordane

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 90973846  
Conc: 54.81 ng/ml



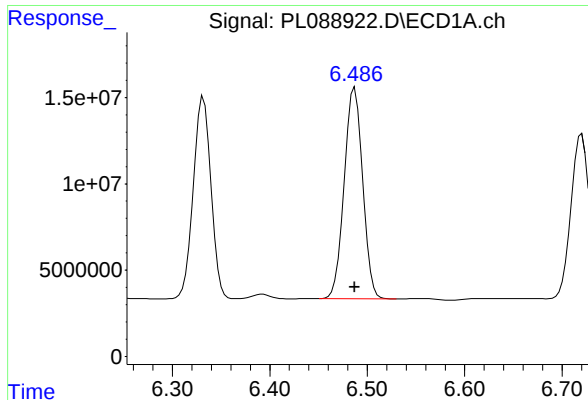
#12 4,4'-DDE

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 147653853  
Conc: 49.42 ng/ml



#12 4,4'-DDE

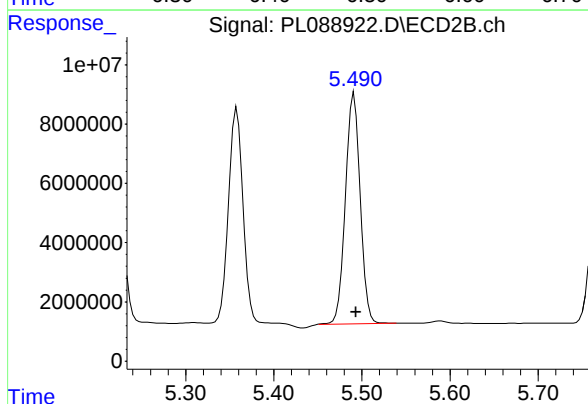
R.T.: 5.358 min  
Delta R.T.: -0.003 min  
Response: 83061910  
Conc: 56.95 ng/ml



#13 Dieldrin

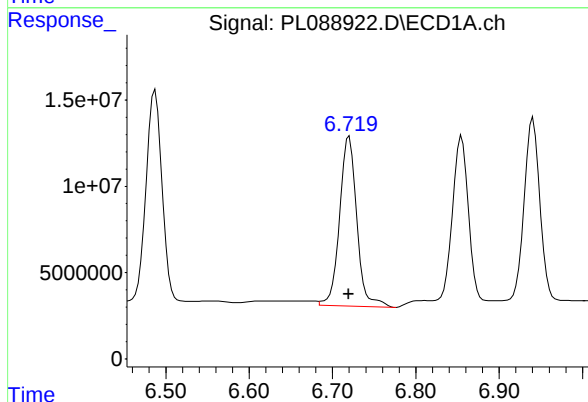
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 161030375  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



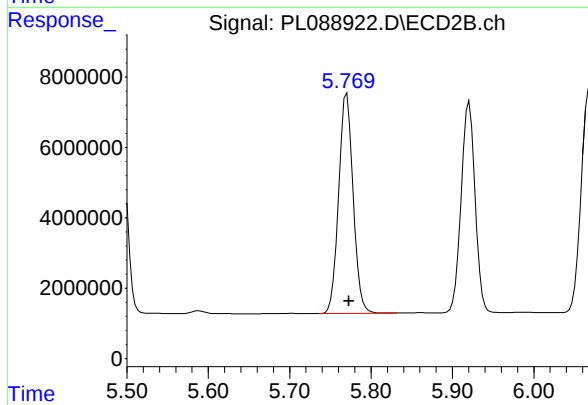
#13 Dieldrin

R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 90865003  
Conc: 55.95 ng/ml



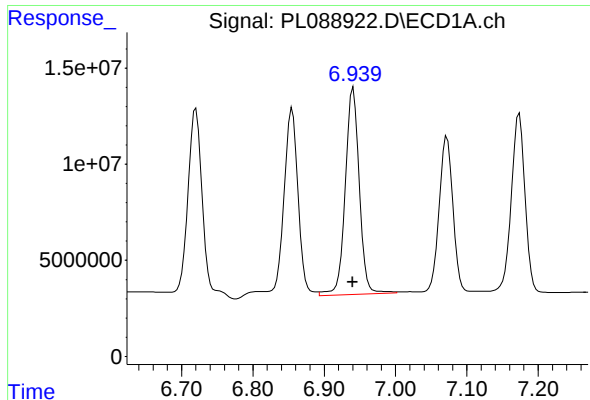
#14 Endrin

R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 140820393  
Conc: 51.51 ng/ml



#14 Endrin

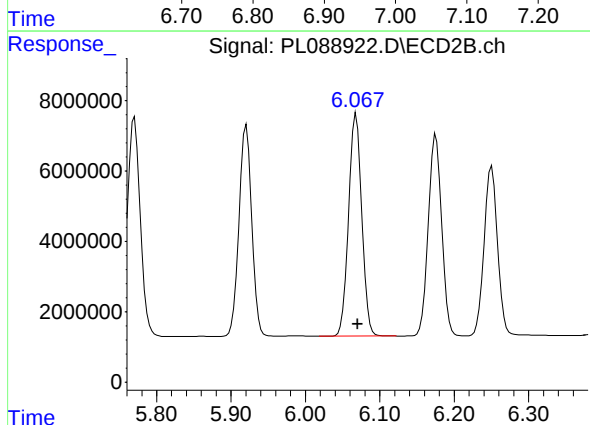
R.T.: 5.770 min  
Delta R.T.: -0.003 min  
Response: 77191487  
Conc: 53.55 ng/ml



#15 Endosulfan II

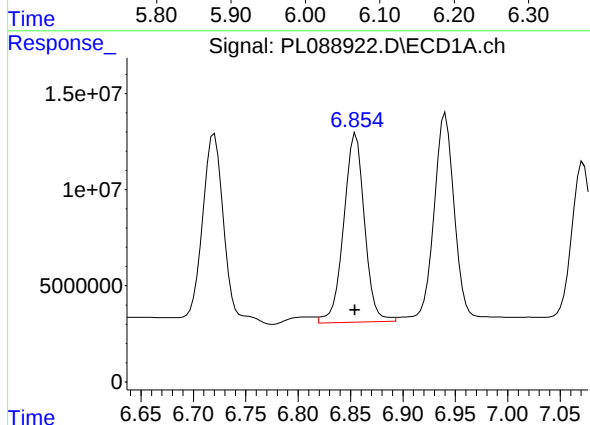
R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 146786431  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



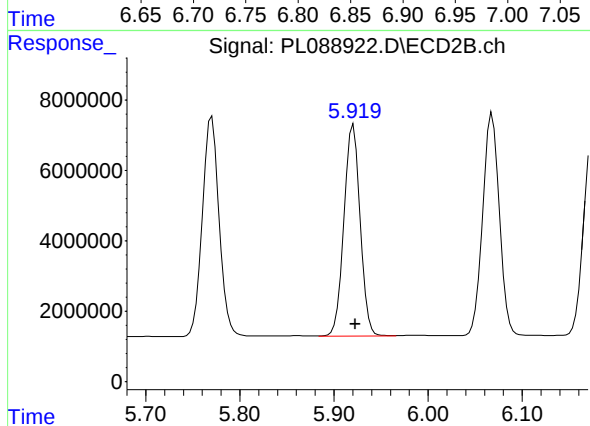
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 77917253  
Conc: 54.19 ng/ml



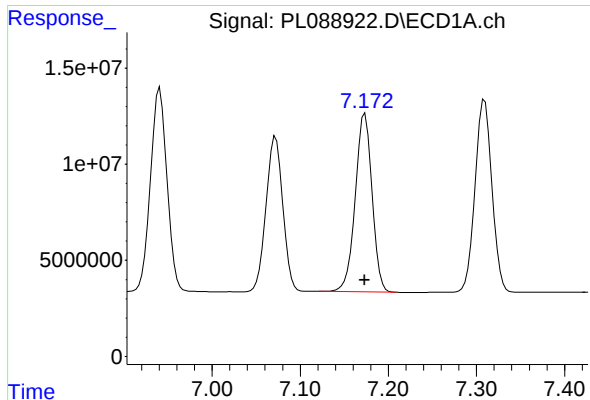
#16 4,4'-DDD

R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 136528424  
Conc: 53.61 ng/ml



#16 4,4'-DDD

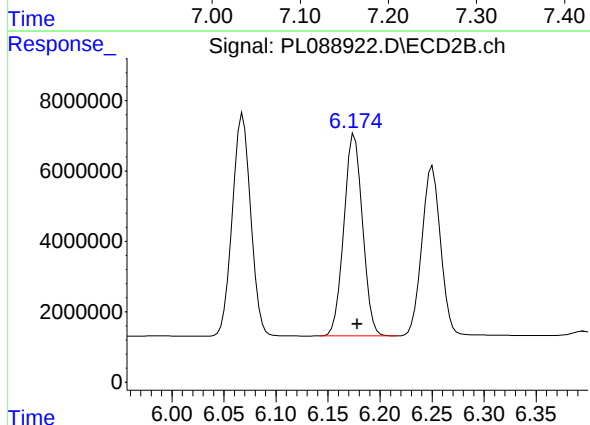
R.T.: 5.921 min  
Delta R.T.: -0.002 min  
Response: 72002044  
Conc: 57.82 ng/ml



#17 4,4'-DDT

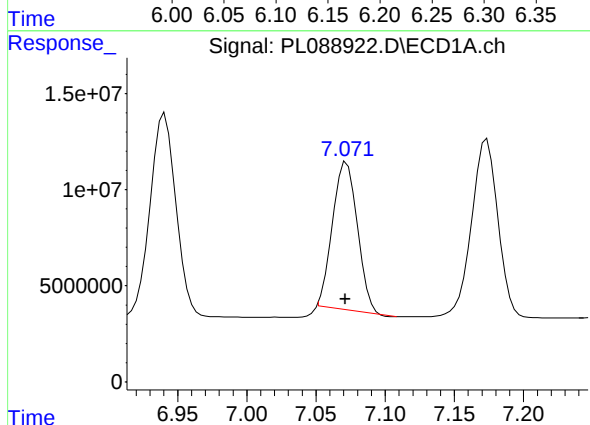
R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 122637801  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



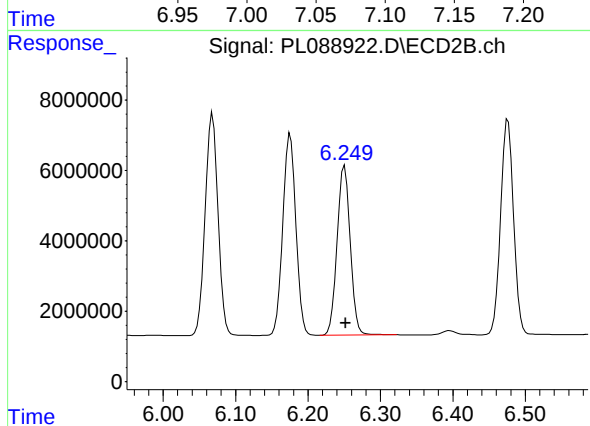
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.002 min  
Response: 71668818  
Conc: 53.40 ng/ml



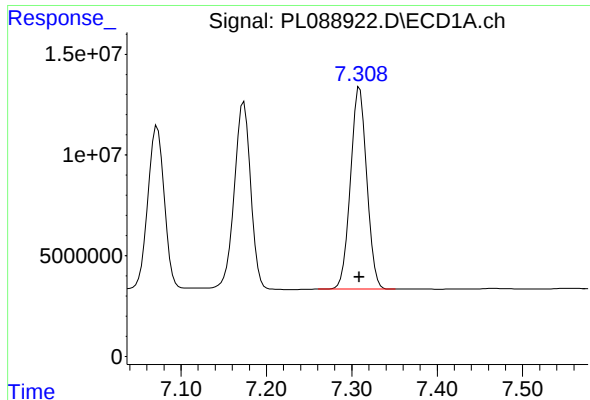
#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 95657329  
Conc: 45.82 ng/ml



#18 Endrin aldehyde

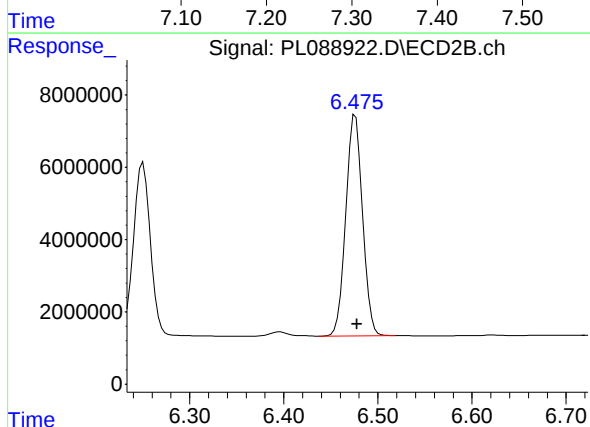
R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 60601377  
Conc: 57.83 ng/ml



#19 Endosulfan Sulfate

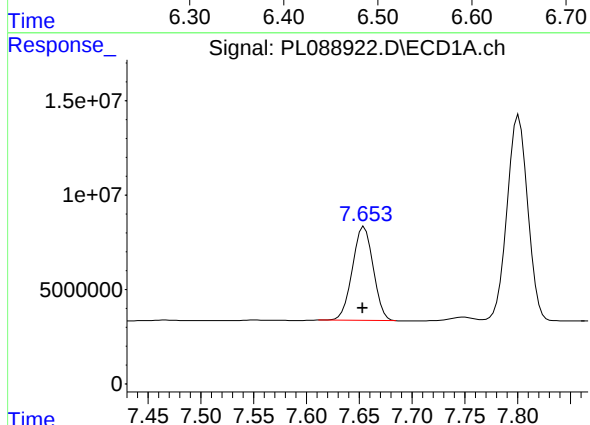
R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 133455906  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



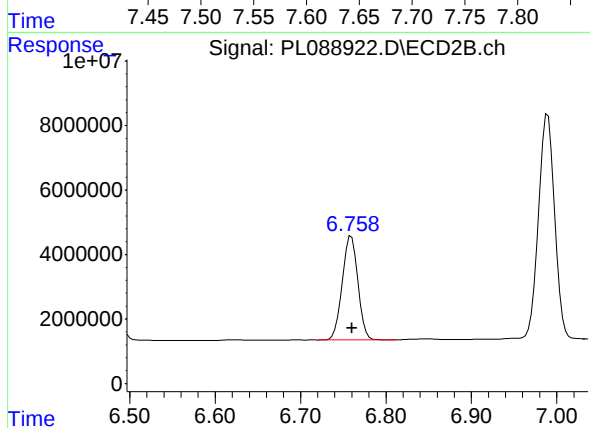
#19 Endosulfan Sulfate

R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 75628324  
Conc: 54.51 ng/ml



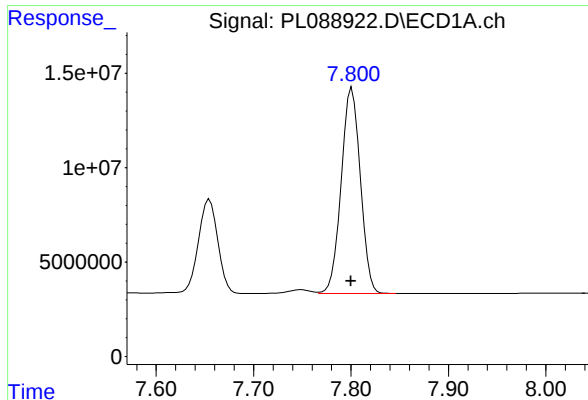
#20 Methoxychlor

R.T.: 7.655 min  
Delta R.T.: 0.002 min  
Response: 68256127  
Conc: 45.31 ng/ml



#20 Methoxychlor

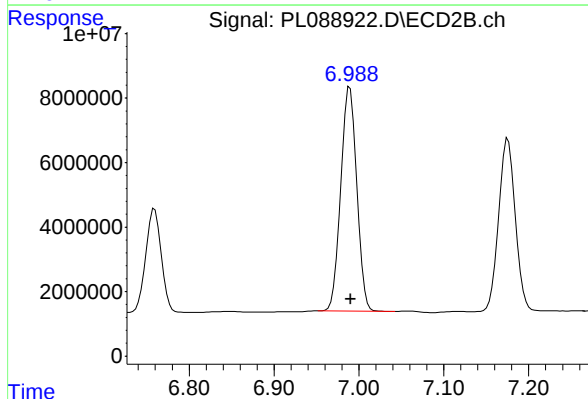
R.T.: 6.759 min  
Delta R.T.: -0.001 min  
Response: 40865575  
Conc: 50.95 ng/ml



#21 Endrin ketone

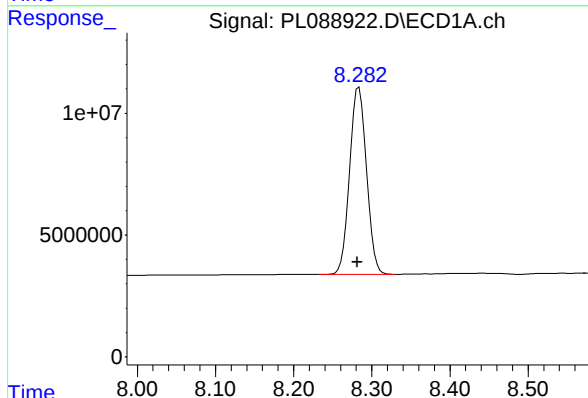
R.T.: 7.801 min  
Delta R.T.: 0.001 min  
Response: 148532235  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



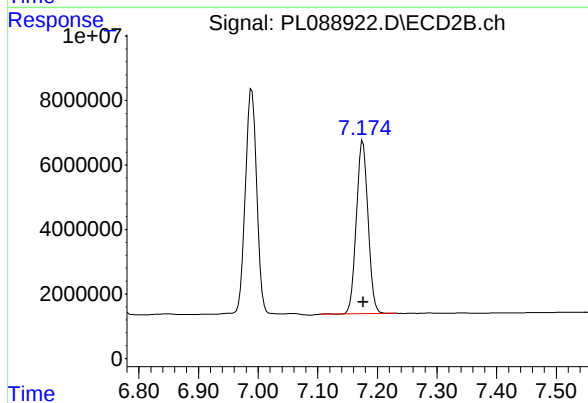
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 91264783  
Conc: 55.29 ng/ml



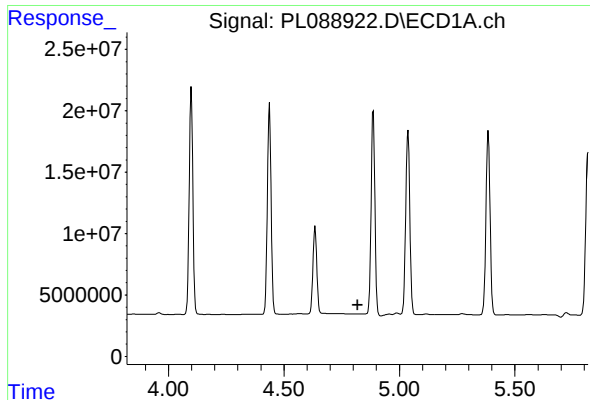
#22 Mirex

R.T.: 8.283 min  
Delta R.T.: 0.002 min  
Response: 115529451  
Conc: 49.28 ng/ml



#22 Mirex

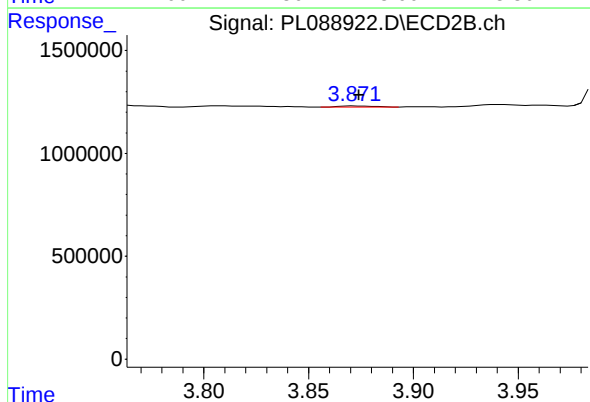
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 73110610  
Conc: 54.22 ng/ml



#23 Chlordane-1

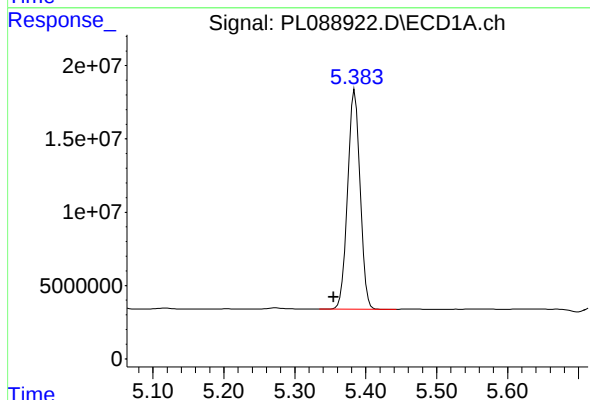
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



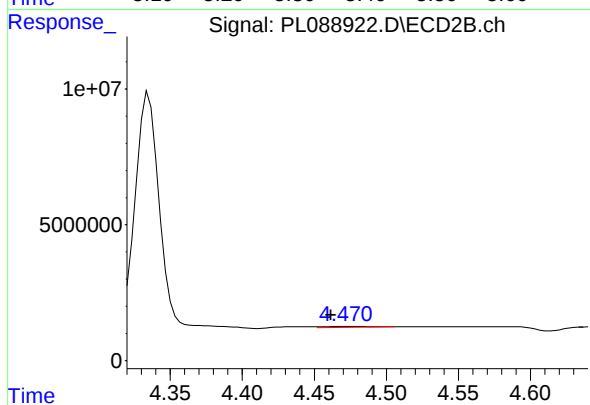
#23 Chlordane-1

R.T.: 3.872 min  
Delta R.T.: -0.002 min  
Response: 61547  
Conc: 1.27 ng/ml



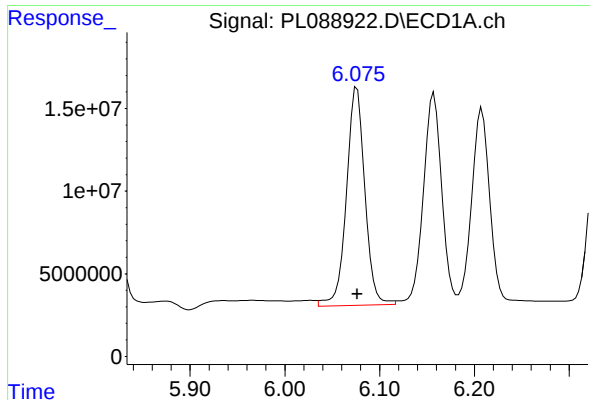
#24 Chlordane-2

R.T.: 5.385 min  
Delta R.T.: 0.030 min  
Response: 182753886  
Conc: 1390.10 ng/ml



#24 Chlordane-2

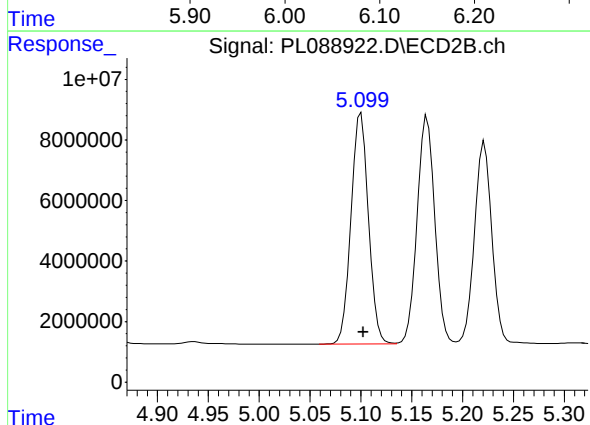
R.T.: 4.473 min  
Delta R.T.: 0.011 min  
Response: 838447  
Conc: 13.81 ng/ml



#25 Chlordane-3

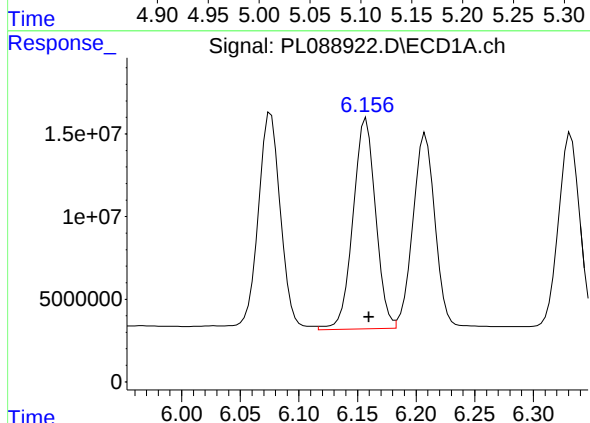
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 179260575  
Conc: 360.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



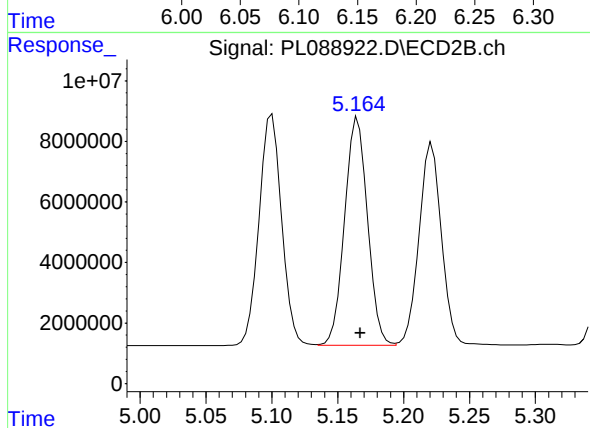
#25 Chlordane-3

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 91002634  
Conc: 533.21 ng/ml



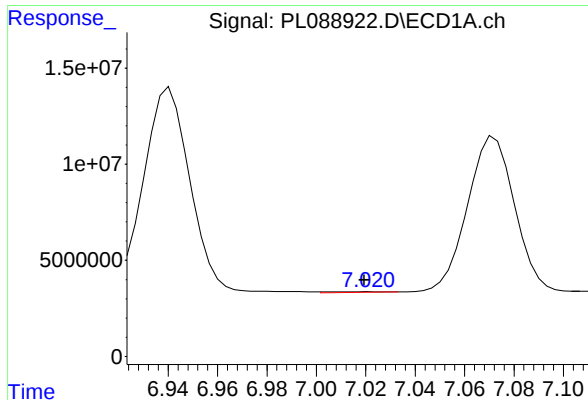
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 171046200  
Conc: 285.14 ng/ml



#26 Chlordane-4

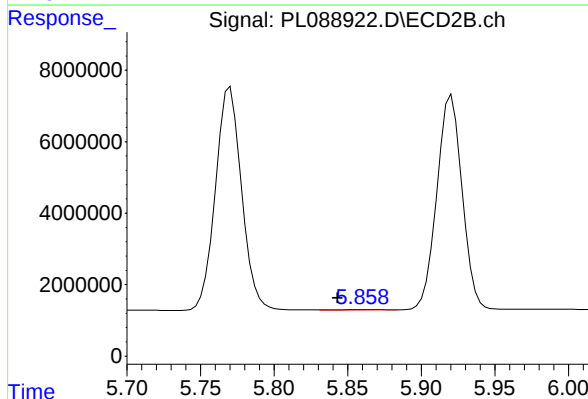
R.T.: 5.165 min  
Delta R.T.: -0.002 min  
Response: 90973846  
Conc: 570.23 ng/ml



#27 Chlordane-5

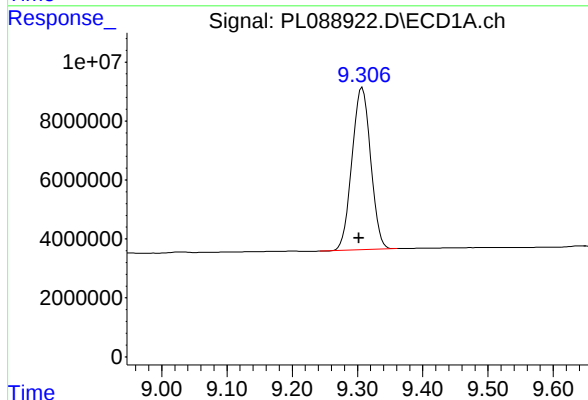
R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 484643  
Conc: 4.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



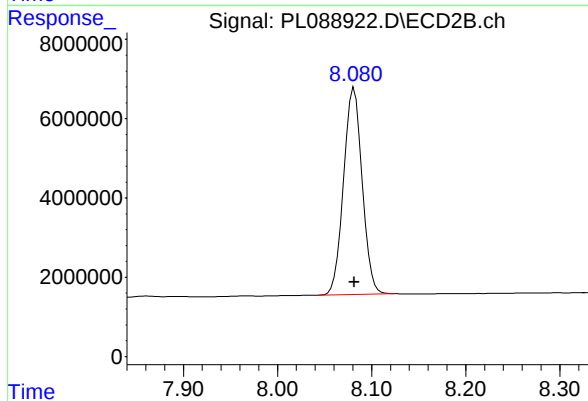
#27 Chlordane-5

R.T.: 5.861 min  
Delta R.T.: 0.018 min  
Response: 338299  
Conc: 6.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.307 min  
Delta R.T.: 0.005 min  
Response: 109655174  
Conc: 44.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: 0.000 min  
Response: 71667882  
Conc: 52.86 ng/ml