

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
 Data File : PL088844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2024 14:06  
 Operator : AR\AJ  
 Sample : PB159910BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB159910BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 01:12:57 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 | 55511549 | 28047031 | 20.948   | 21.045    |
| 28)                         | SA Decachlor... | 9.304  | 8.079 | 46924526 | 29240921 | 18.983   | 21.565    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.099  | 3.365 | 223.0E6  | 113.3E6  | 55.869   | 56.385    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.702 | 214.2E6  | 107.4E6  | 55.240   | 55.975    |
| 4)                          | MA Heptachlor   | 5.037  | 4.049 | 210.9E6  | 106.1E6  | 55.529   | 58.926    |
| 5)                          | MB Aldrin       | 5.384  | 4.335 | 198.9E6  | 102.9E6  | 54.279   | 56.958    |
| 6)                          | B beta-BHC      | 4.635  | 4.003 | 93850593 | 47148924 | 52.920   | 55.001    |
| 7)                          | B delta-BHC     | 4.886  | 4.238 | 206.3E6  | 104.0E6  | 51.216   | 54.348    |
| 8)                          | B Heptachlo...  | 5.816  | 4.845 | 190.9E6  | 95577497 | 55.562   | 58.119    |
| 9)                          | A Endosulfan I  | 6.207  | 5.221 | 171.1E6  | 90474592 | 55.969   | 60.186    |
| 10)                         | B gamma-Chl...  | 6.075  | 5.100 | 194.9E6  | 100.7E6  | 58.521   | 60.806    |
| 11)                         | B alpha-Chl...  | 6.155  | 5.165 | 190.0E6  | 100.0E6  | 57.159   | 60.251    |
| 12)                         | B 4,4'-DDE      | 6.330  | 5.358 | 169.0E6  | 90843783 | 56.572   | 62.282    |
| 13)                         | MA Dieldrin     | 6.486  | 5.490 | 181.8E6  | 98316292 | 56.056   | 60.534    |
| 14)                         | MA Endrin       | 6.718  | 5.769 | 144.2E6  | 83594397 | 52.756   | 57.994    |
| 15)                         | B Endosulfa...  | 6.939  | 6.067 | 158.4E6  | 86940158 | 55.296   | 60.464    |
| 16)                         | A 4,4'-DDD      | 6.853  | 5.919 | 141.1E6  | 77849493 | 55.400   | 62.511    |
| 17)                         | MA 4,4'-DDT     | 7.171  | 6.174 | 148.3E6  | 81054570 | 55.646   | 60.390    |
| 18)                         | B Endrin al...  | 7.070  | 6.249 | 98523701 | 64887622 | 47.189   | 61.919 #  |
| 19)                         | B Endosulfa...  | 7.308  | 6.475 | 149.6E6  | 83728143 | 54.193   | 60.347    |
| 20)                         | A Methoxychlor  | 7.652  | 6.758 | 74229831 | 43089560 | 49.273   | 53.723    |
| 21)                         | B Endrin ke...  | 7.799  | 6.988 | 161.6E6  | 99560253 | 54.647   | 60.314    |
| 22)                         | Mirex           | 8.281  | 7.173 | 125.9E6  | 81024487 | 53.715   | 60.088    |
| 23)                         | Chlordane-1     | 0.000  | 3.864 | 0        | 17926    | N.D.     | 0.369 #   |
| 24)                         | Chlordane-2     | 5.384f | 4.473 | 198.9E6  | 459130   | 1512.953 | 7.562 #   |
| 25)                         | Chlordane-3     | 6.075  | 5.100 | 194.9E6  | 100.7E6  | 392.010  | 590.108 # |
| 26)                         | Chlordane-4     | 6.155  | 5.165 | 190.0E6  | 100.0E6  | 316.735  | 626.880 # |
| 27)                         | Chlordane-5     | 0.000  | 5.844 | 0        | 138351   | N.D.     | 2.728 #   |
| -----                       |                 |        |       |          |          |          |           |

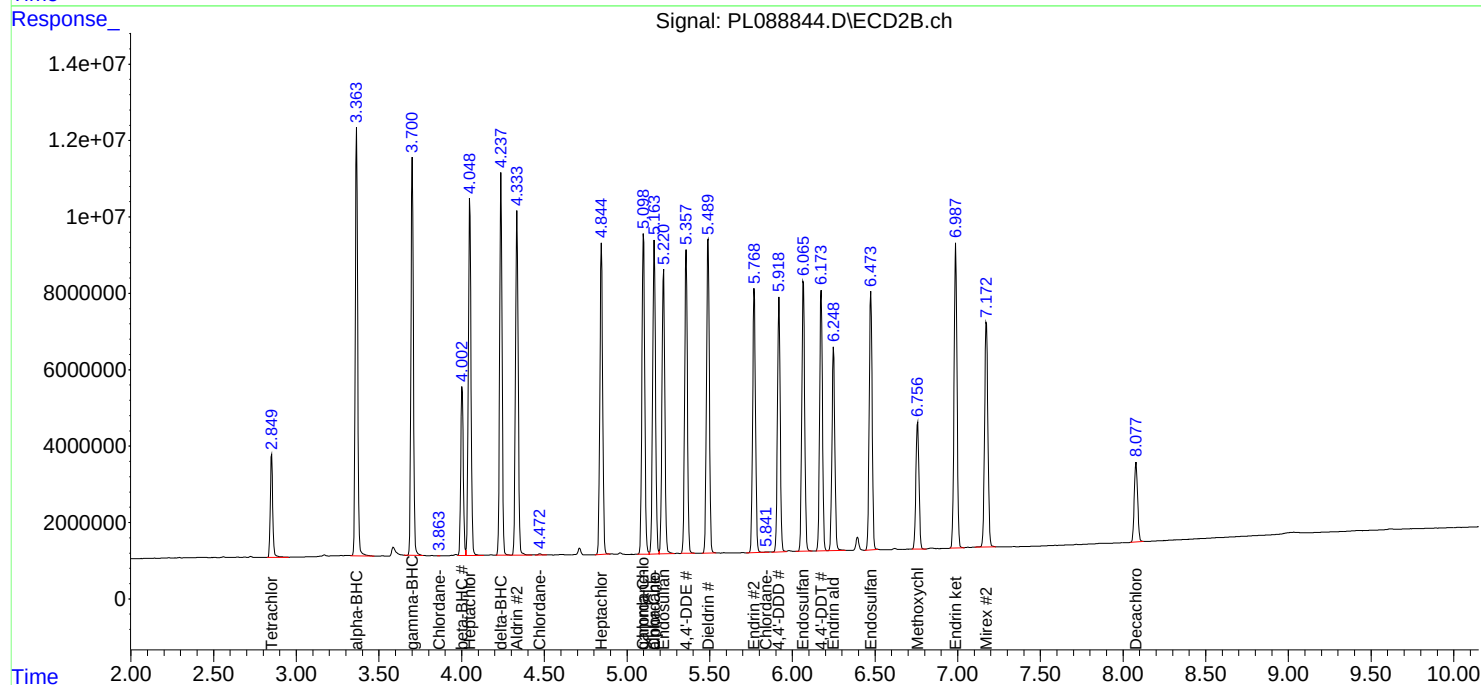
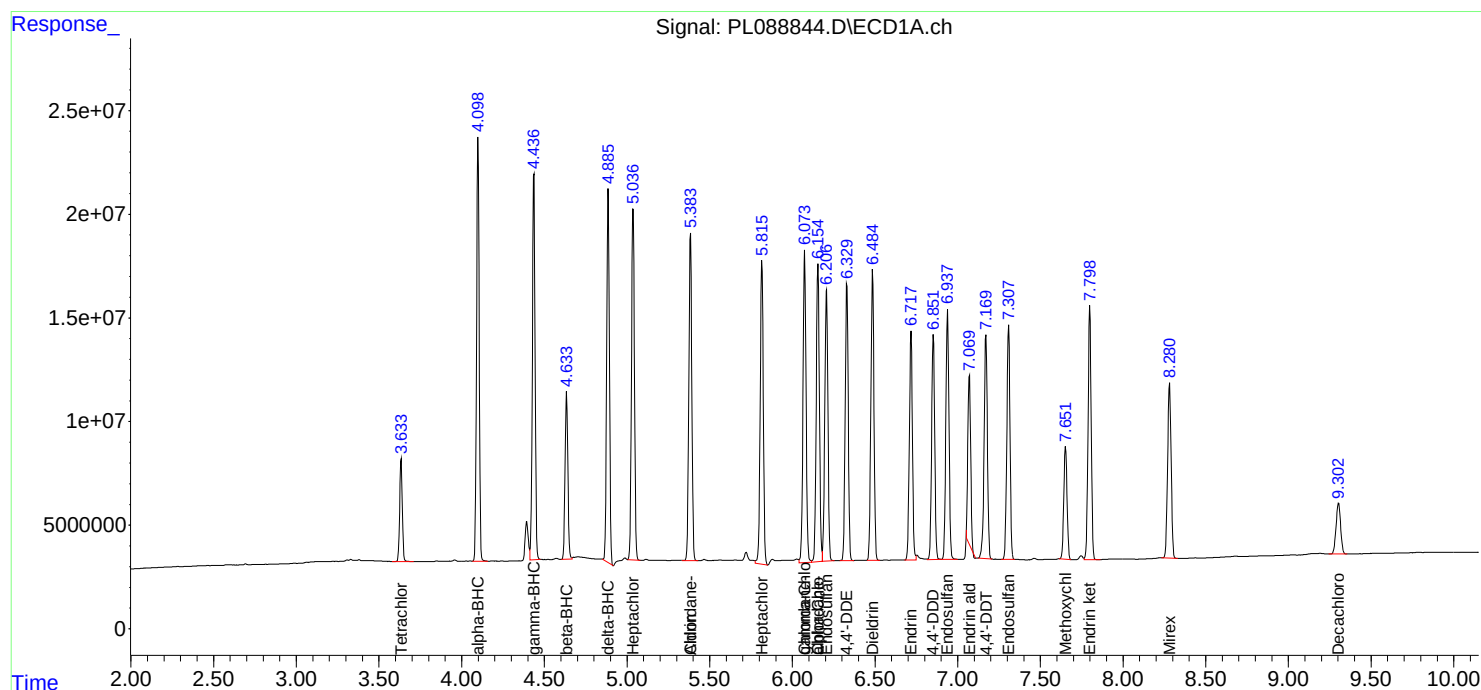
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

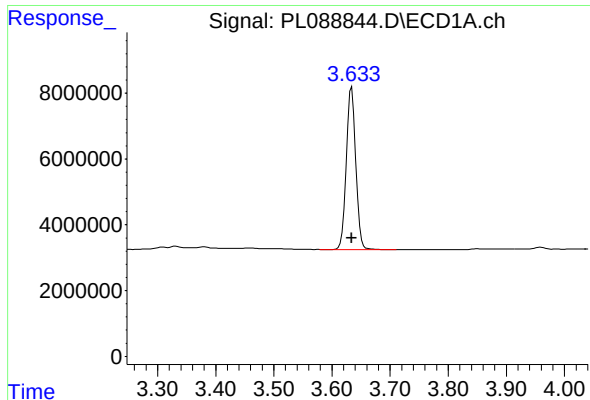
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040124\  
Data File : PL088844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2024 14:06  
Operator : AR\AJ  
Sample : PB159910BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 01:12:57 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

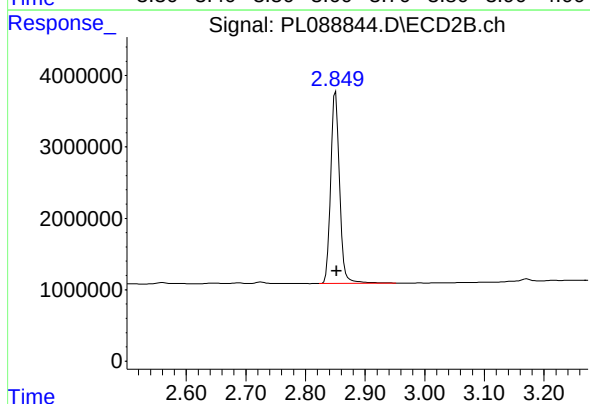




#1 Tetrachloro-m-xylene

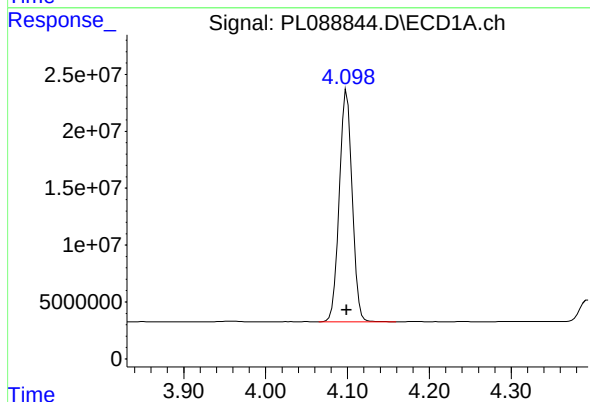
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 55511549  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



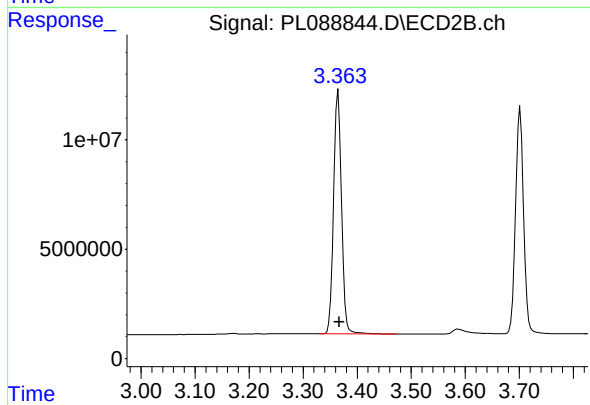
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.002 min  
Response: 28047031  
Conc: 21.04 ng/ml



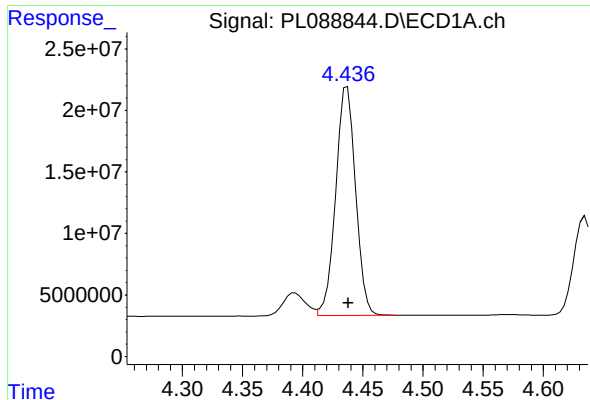
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 223010358  
Conc: 55.87 ng/ml



#2 alpha-BHC

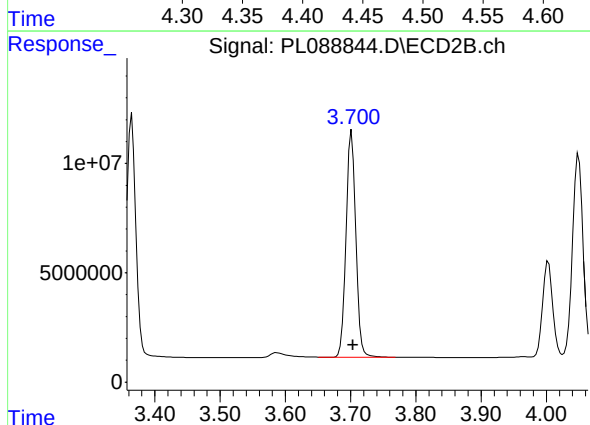
R.T.: 3.365 min  
Delta R.T.: -0.002 min  
Response: 113303119  
Conc: 56.38 ng/ml



#3 gamma-BHC (Lindane)

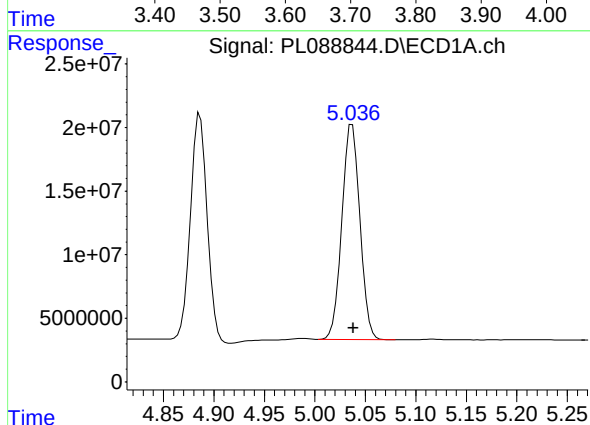
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 214234266  
Conc: 55.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



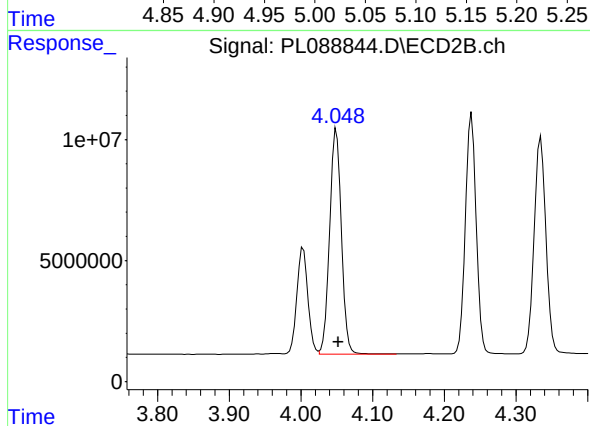
#3 gamma-BHC (Lindane)

R.T.: 3.702 min  
Delta R.T.: -0.002 min  
Response: 107421981  
Conc: 55.97 ng/ml



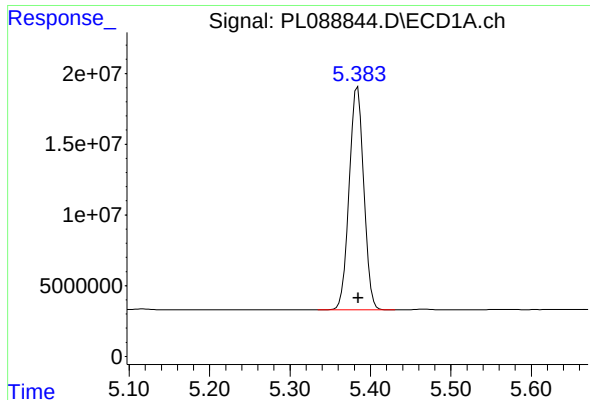
#4 Heptachlor

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 210868113  
Conc: 55.53 ng/ml



#4 Heptachlor

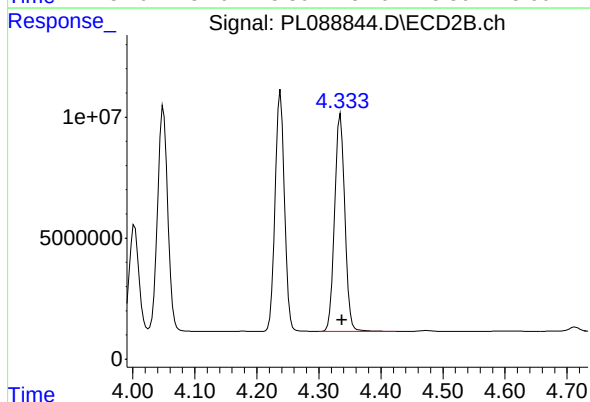
R.T.: 4.049 min  
Delta R.T.: -0.003 min  
Response: 106050259  
Conc: 58.93 ng/ml



#5 Aldrin

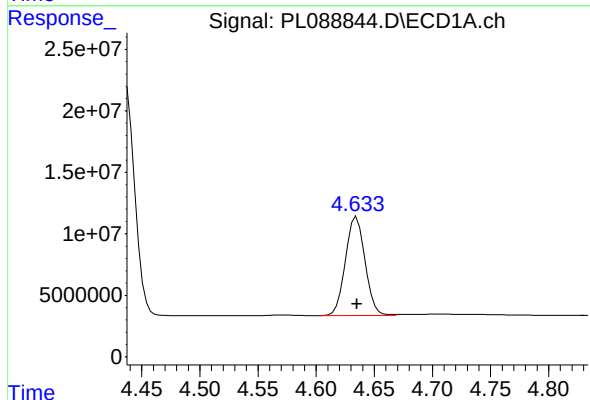
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 198905504  
Conc: 54.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



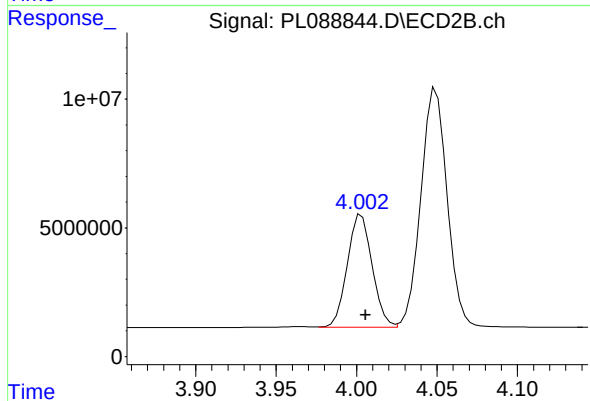
#5 Aldrin

R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 102926664  
Conc: 56.96 ng/ml



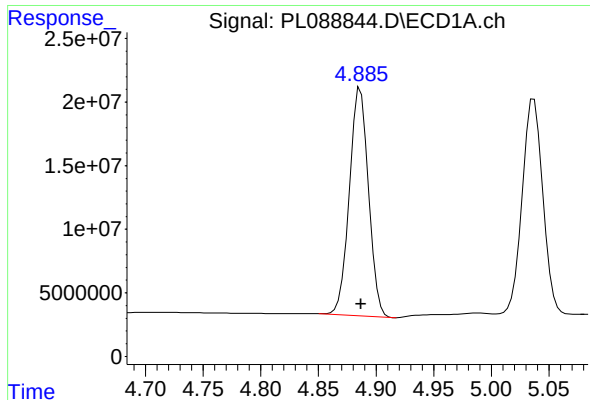
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 93850593  
Conc: 52.92 ng/ml



#6 beta-BHC

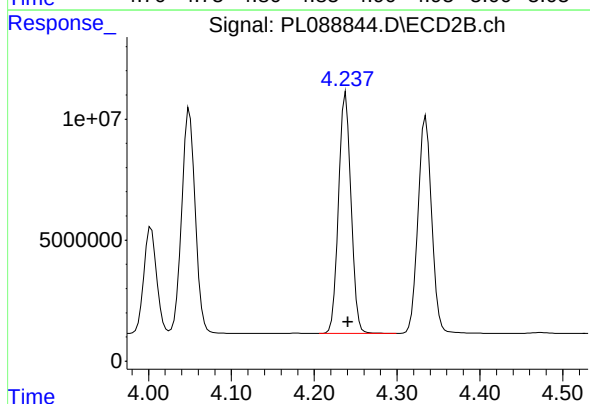
R.T.: 4.003 min  
Delta R.T.: -0.003 min  
Response: 47148924  
Conc: 55.00 ng/ml



#7 delta-BHC

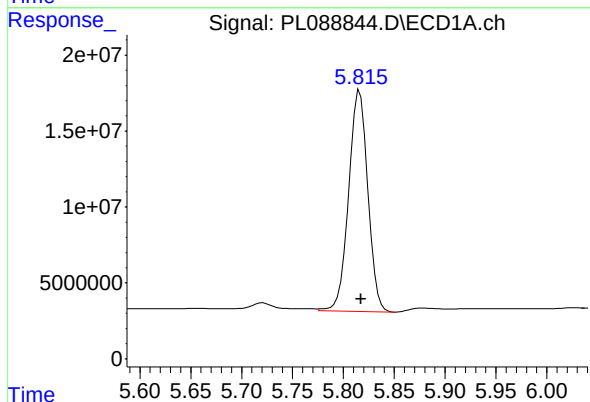
R.T.: 4.886 min  
Delta R.T.: 0.000 min  
Response: 206308581  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



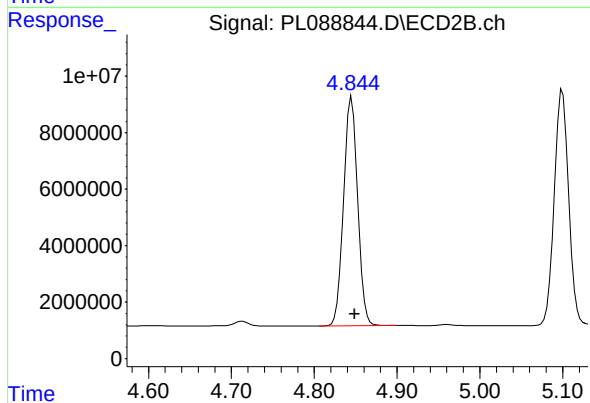
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.003 min  
Response: 103971639  
Conc: 54.35 ng/ml



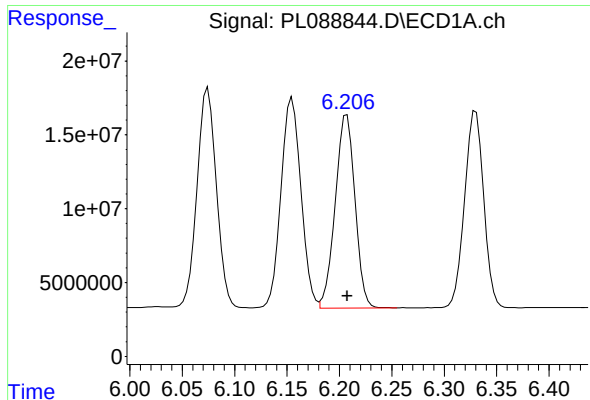
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.001 min  
Response: 190854325  
Conc: 55.56 ng/ml



#8 Heptachlor epoxide

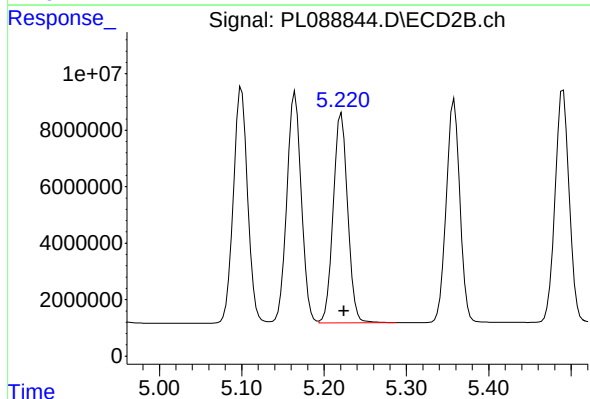
R.T.: 4.845 min  
Delta R.T.: -0.004 min  
Response: 95577497  
Conc: 58.12 ng/ml



#9 Endosulfan I

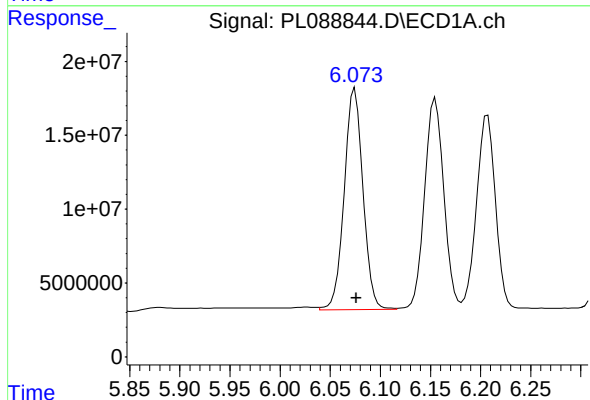
R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 171068581  
Conc: 55.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



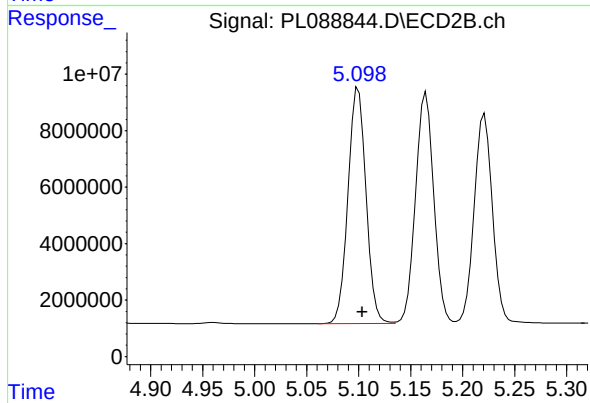
#9 Endosulfan I

R.T.: 5.221 min  
Delta R.T.: -0.003 min  
Response: 90474592  
Conc: 60.19 ng/ml



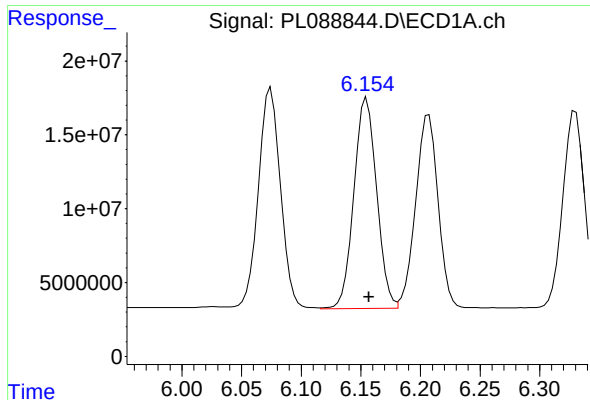
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 194921433  
Conc: 58.52 ng/ml



#10 gamma-Chlordane

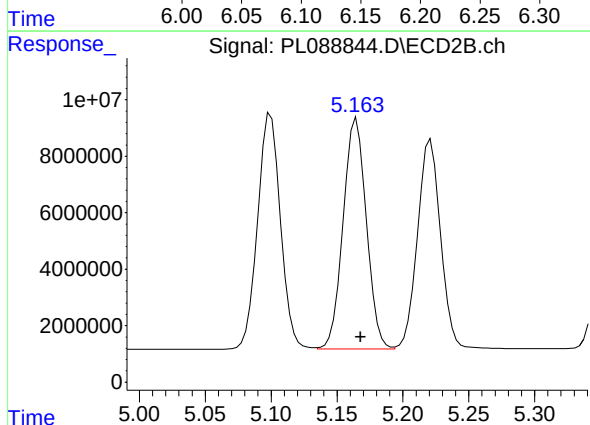
R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 100714101  
Conc: 60.81 ng/ml



#11 alpha-Chlordane

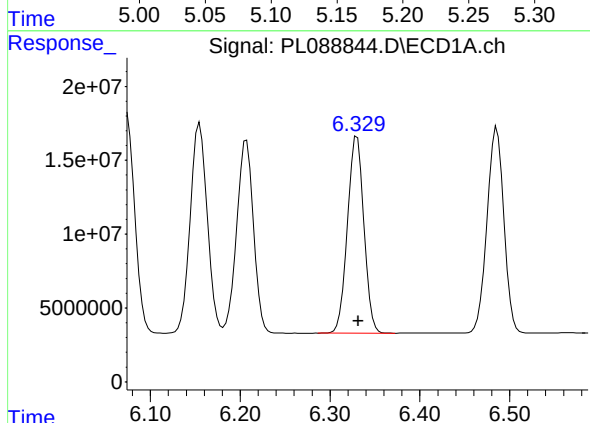
R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 189999153  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



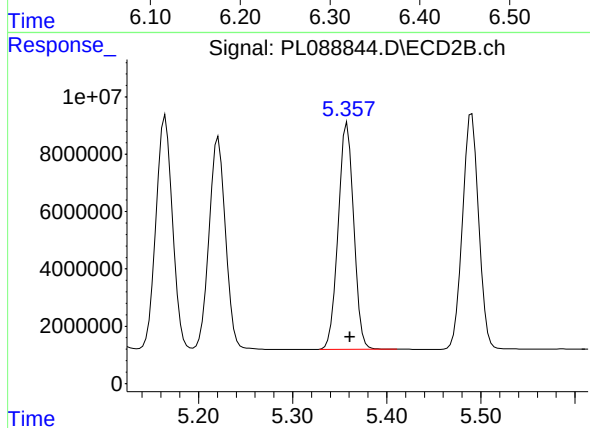
#11 alpha-Chlordane

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 100012294  
Conc: 60.25 ng/ml



#12 4,4'-DDE

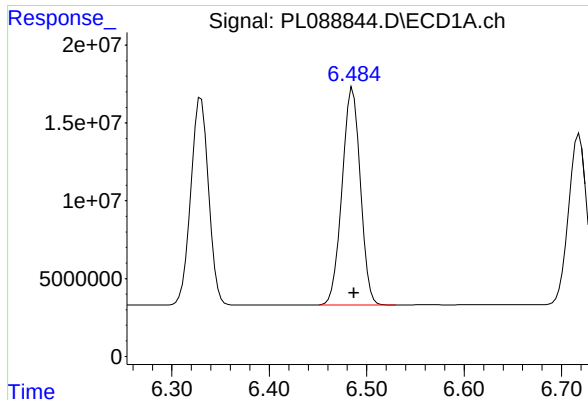
R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 169021413  
Conc: 56.57 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min  
Delta R.T.: -0.003 min  
Response: 90843783  
Conc: 62.28 ng/ml

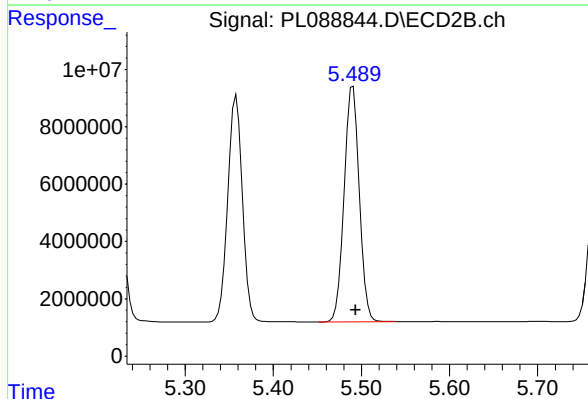




#13 Dieldrin

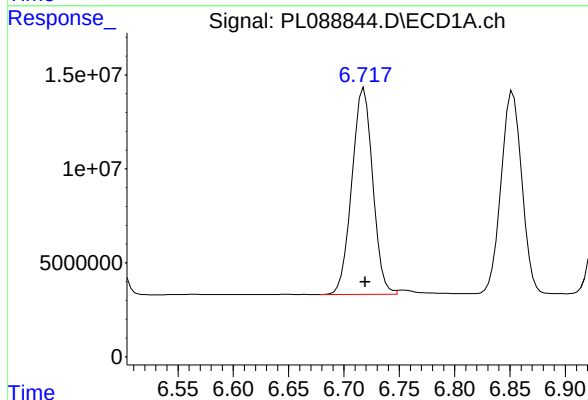
R.T.: 6.486 min  
Delta R.T.: -0.001 min  
Response: 181771831  
Conc: 56.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



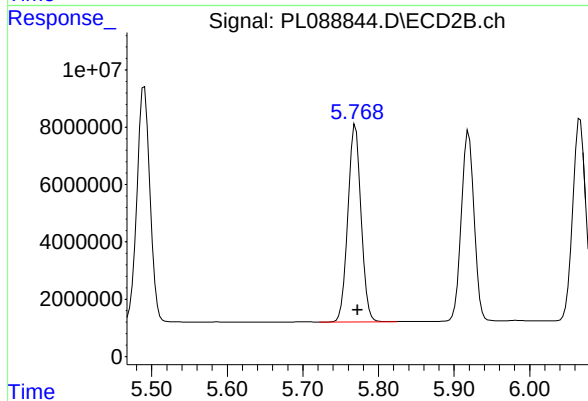
#13 Dieldrin

R.T.: 5.490 min  
Delta R.T.: -0.003 min  
Response: 98316292  
Conc: 60.53 ng/ml



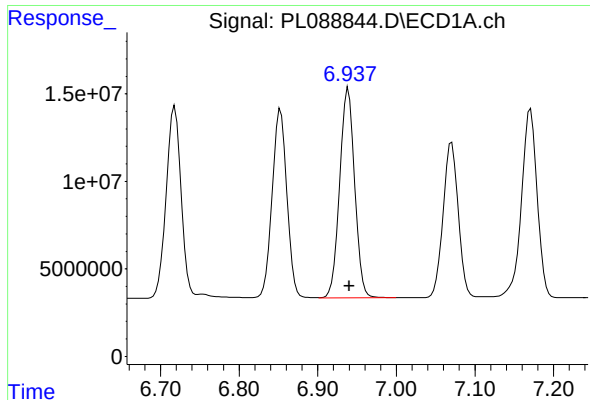
#14 Endrin

R.T.: 6.718 min  
Delta R.T.: -0.001 min  
Response: 144220268  
Conc: 52.76 ng/ml



#14 Endrin

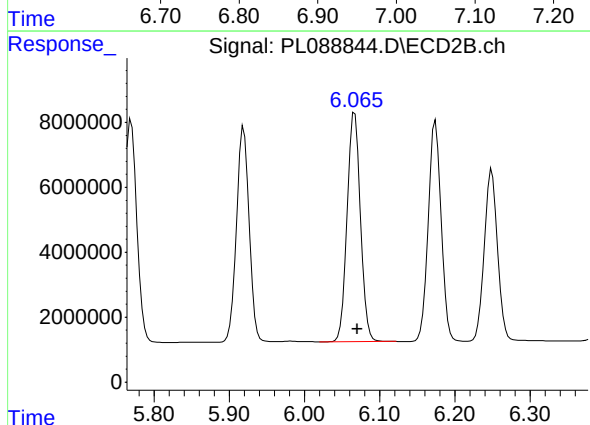
R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 83594397  
Conc: 57.99 ng/ml



#15 Endosulfan II

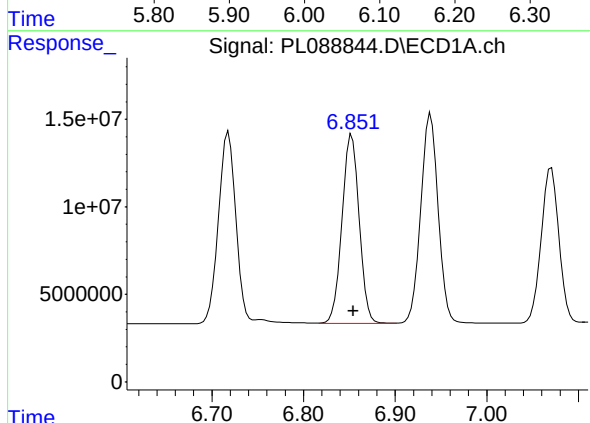
R.T.: 6.939 min  
Delta R.T.: -0.001 min  
Response: 158379462  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



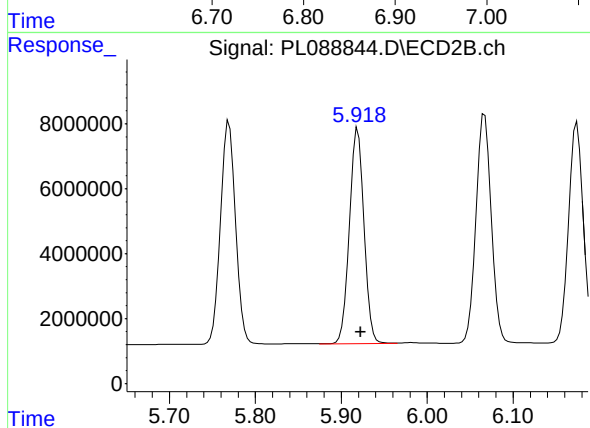
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: -0.003 min  
Response: 86940158  
Conc: 60.46 ng/ml



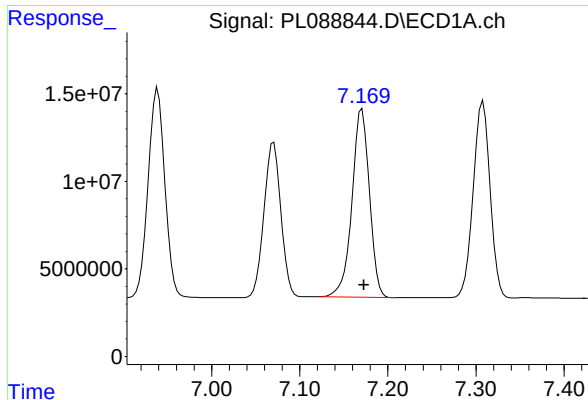
#16 4,4'-DDD

R.T.: 6.853 min  
Delta R.T.: -0.002 min  
Response: 141090638  
Conc: 55.40 ng/ml



#16 4,4'-DDD

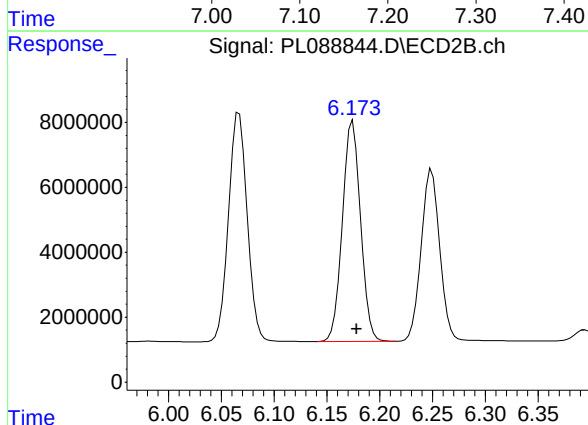
R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 77849493  
Conc: 62.51 ng/ml



#17 4,4'-DDT

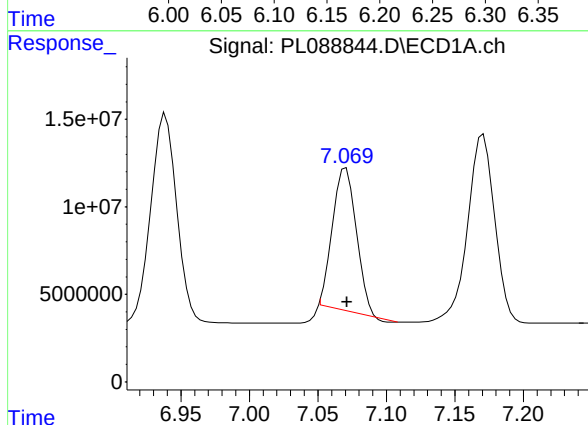
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 148322828  
Conc: 55.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



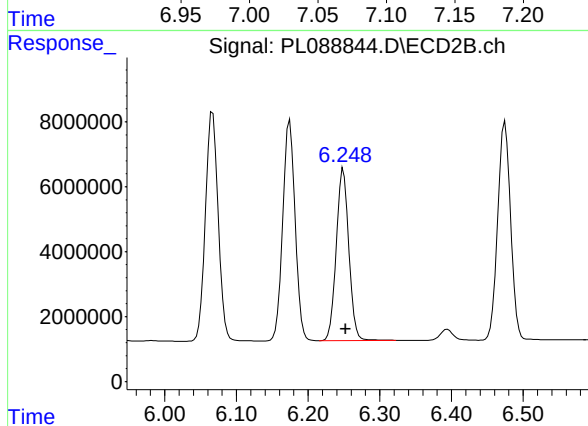
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.004 min  
Response: 81054570  
Conc: 60.39 ng/ml



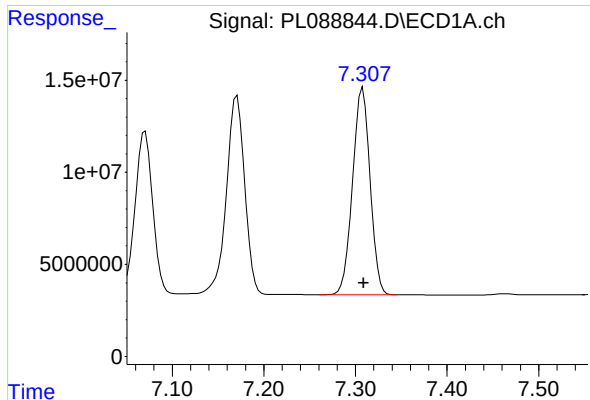
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 98523701  
Conc: 47.19 ng/ml



#18 Endrin aldehyde

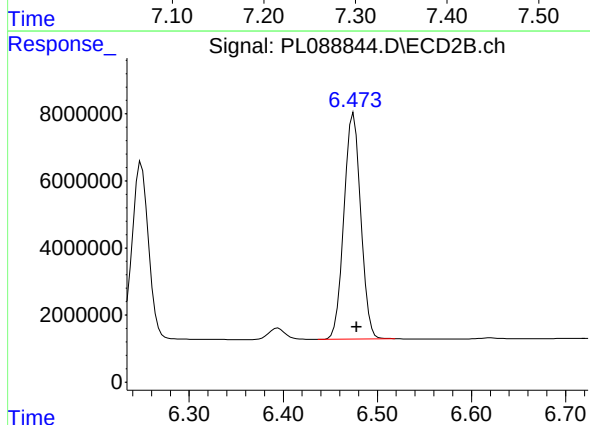
R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 64887622  
Conc: 61.92 ng/ml



#19 Endosulfan Sulfate

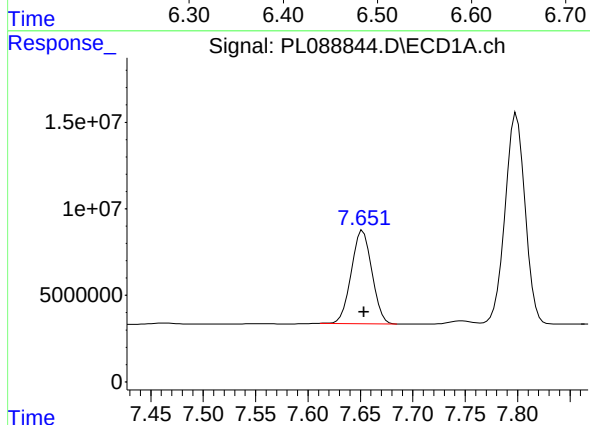
R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 149642267  
Conc: 54.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



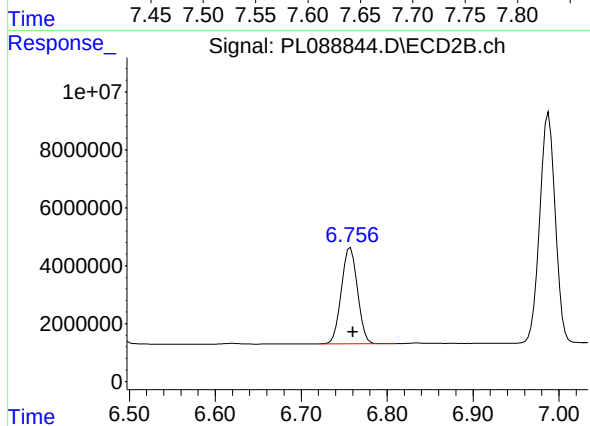
#19 Endosulfan Sulfate

R.T.: 6.475 min  
Delta R.T.: -0.003 min  
Response: 83728143  
Conc: 60.35 ng/ml



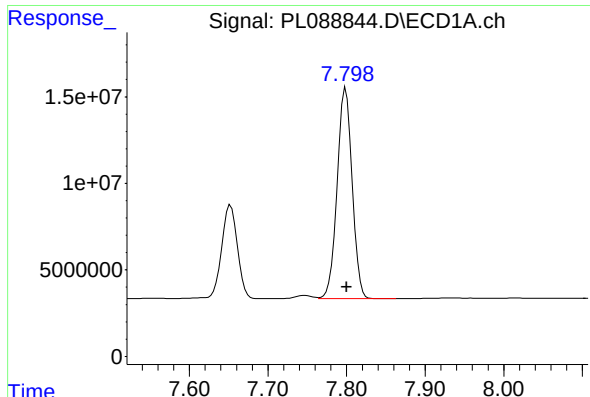
#20 Methoxychlor

R.T.: 7.652 min  
Delta R.T.: 0.000 min  
Response: 74229831  
Conc: 49.27 ng/ml



#20 Methoxychlor

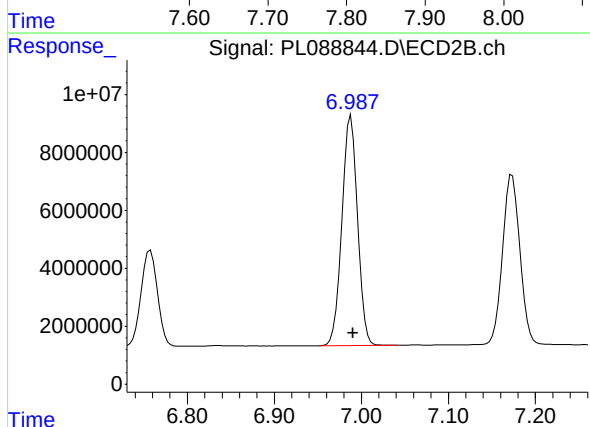
R.T.: 6.758 min  
Delta R.T.: -0.003 min  
Response: 43089560  
Conc: 53.72 ng/ml



#21 Endrin ketone

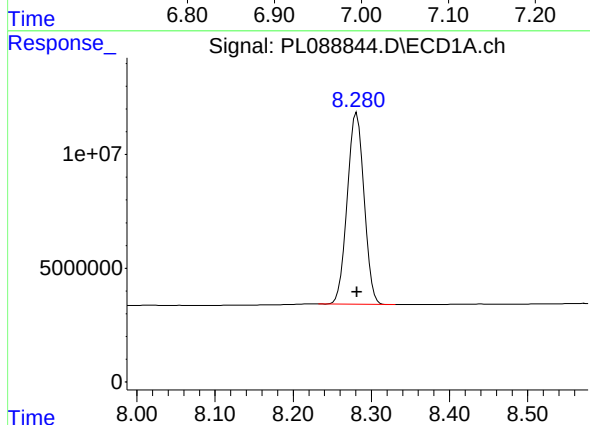
R.T.: 7.799 min  
Delta R.T.: -0.001 min  
Response: 161557041  
Conc: 54.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



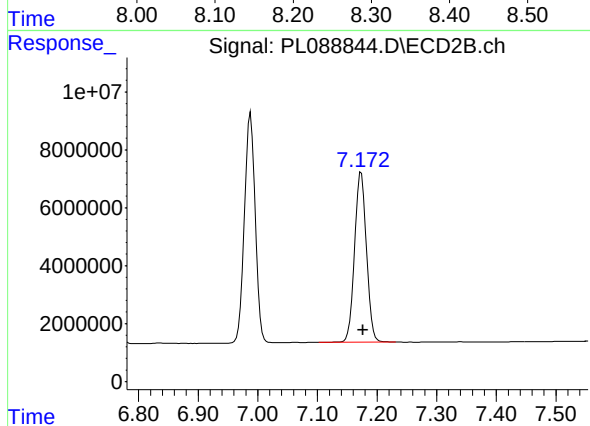
#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: -0.002 min  
Response: 99560253  
Conc: 60.31 ng/ml



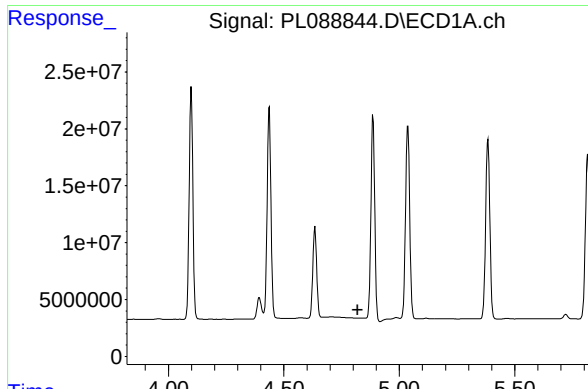
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: 0.000 min  
Response: 125934640  
Conc: 53.71 ng/ml



#22 Mirex

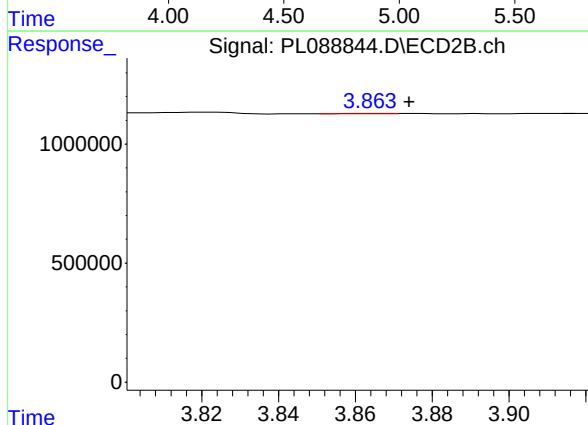
R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 81024487  
Conc: 60.09 ng/ml



#23 Chlordane-1

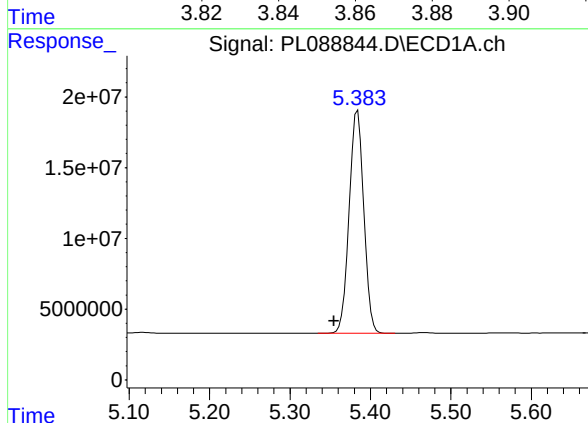
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



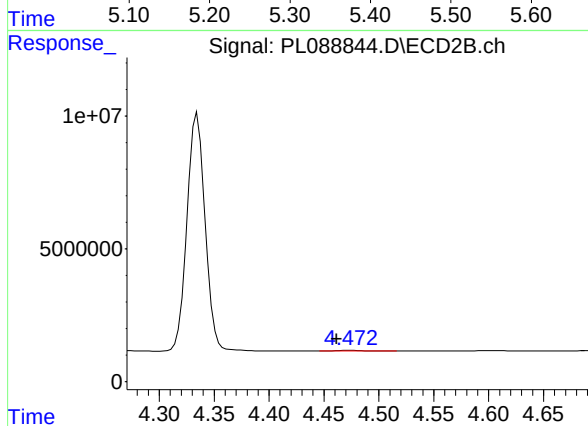
#23 Chlordane-1

R.T.: 3.864 min  
Delta R.T.: -0.010 min  
Response: 17926  
Conc: 0.37 ng/ml



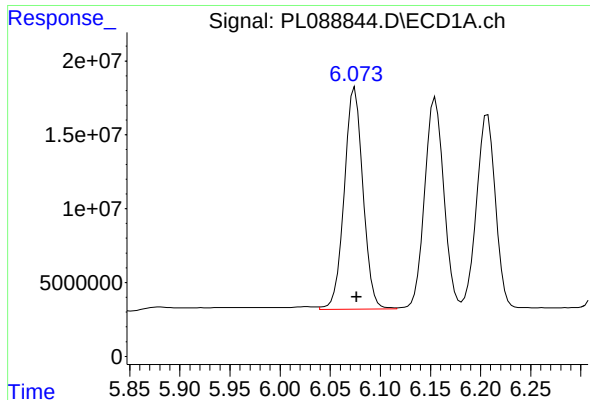
#24 Chlordane-2

R.T.: 5.384 min  
Delta R.T.: 0.029 min  
Response: 198905504  
Conc: 1512.95 ng/ml



#24 Chlordane-2

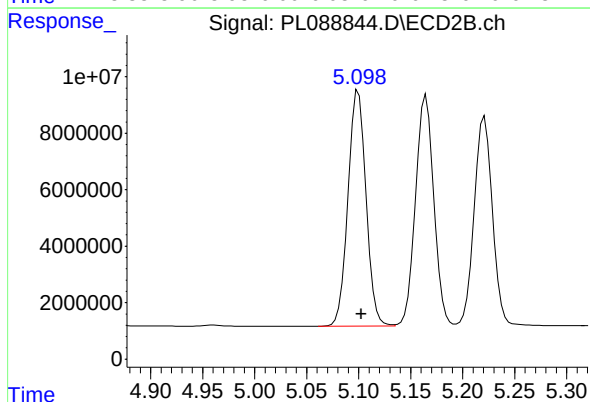
R.T.: 4.473 min  
Delta R.T.: 0.012 min  
Response: 459130  
Conc: 7.56 ng/ml



#25 Chlordane-3

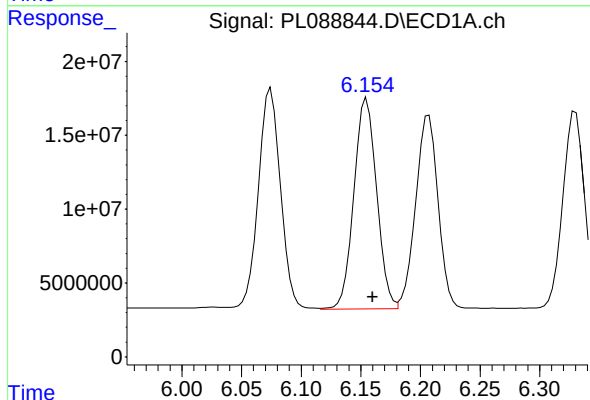
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 194921433  
Conc: 392.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



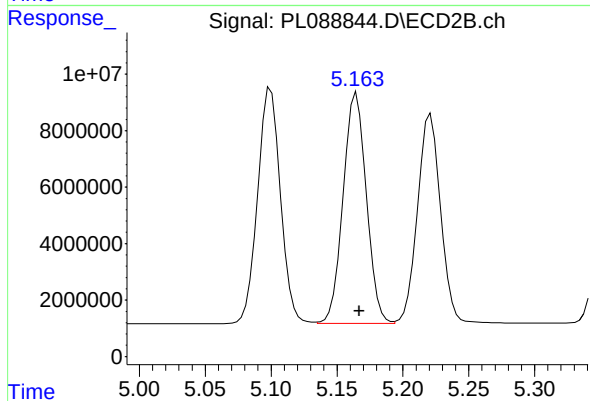
#25 Chlordane-3

R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 100714101  
Conc: 590.11 ng/ml



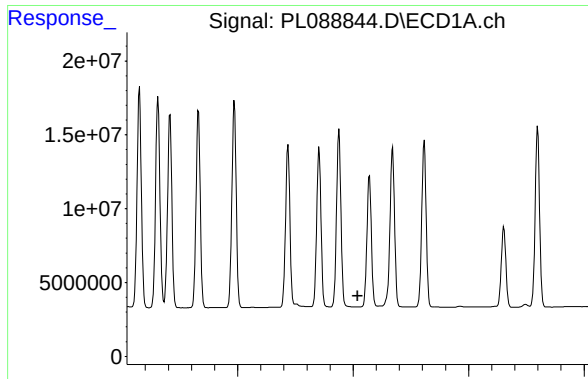
#26 Chlordane-4

R.T.: 6.155 min  
Delta R.T.: -0.005 min  
Response: 189999153  
Conc: 316.74 ng/ml



#26 Chlordane-4

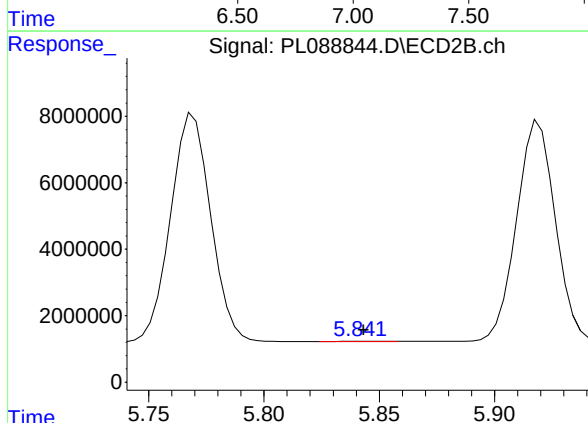
R.T.: 5.165 min  
Delta R.T.: -0.002 min  
Response: 100012294  
Conc: 626.88 ng/ml



#27 Chlordane-5

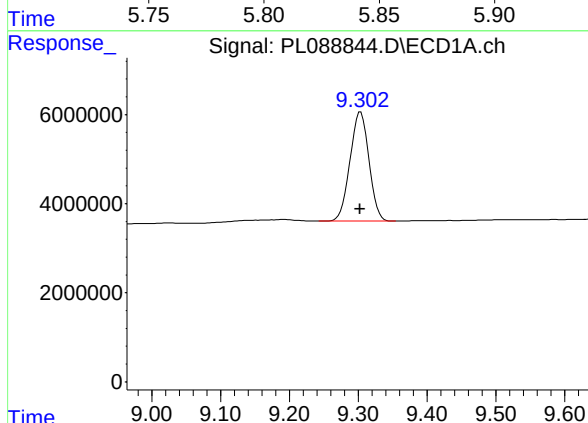
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159910BS



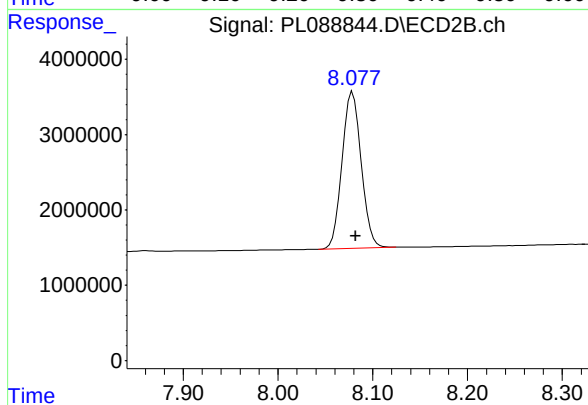
#27 Chlordane-5

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 138351  
Conc: 2.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.304 min  
Delta R.T.: 0.000 min  
Response: 46924526  
Conc: 18.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min  
Delta R.T.: -0.003 min  
Response: 29240921  
Conc: 21.57 ng/ml