

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070720\  
 Data File : PL059754.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2020 15:56  
 Operator : DD\AJ  
 Sample : PB130003BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 00:50:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 2020  
 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... | 3.516  | 4.070  | 36247820 | 55511781 | 20.182   | 20.874     |
| 28)                         | SA Decachlor... | 8.284  | 9.179  | 32266627 | 43695912 | 21.018   | 20.103     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.957  | 4.462  | 128.5E6  | 196.5E6  | 49.953   | 50.454     |
| 3)                          | MA gamma-BHC... | 4.242  | 4.749  | 110.2E6  | 180.0E6  | 48.609   | 49.231     |
| 4)                          | MA Heptachlor   | 4.547  | 5.264  | 102.6E6  | 172.8E6  | 49.134   | 49.329     |
| 5)                          | MB Aldrin       | 4.797  | 5.572  | 90508710 | 159.5E6  | 52.824   | 50.438     |
| 6)                          | B beta-BHC      | 4.491  | 4.918  | 48524690 | 81657311 | 51.721   | 53.030     |
| 7)                          | B delta-BHC     | 4.698  | 5.139  | 98969840 | 165.0E6  | 50.600   | 56.399     |
| 8)                          | B Heptachlo...  | 5.240  | 5.959  | 85418073 | 145.7E6  | 52.691   | 59.945     |
| 9)                          | A Endosulfan I  | 5.581  | 6.318  | 80099783 | 137.3E6  | 52.055   | 50.885     |
| 10)                         | B gamma-Chl...  | 5.468  | 6.194  | 84996078 | 149.3E6  | 51.949   | 50.616     |
| 11)                         | B alpha-Chl...  | 5.526  | 6.267  | 83587688 | 146.7E6  | 50.905   | 49.593     |
| 12)                         | B 4,4'-DDE      | 5.690  | 6.422  | 78926870 | 137.6E6  | 52.649   | 51.581     |
| 13)                         | MA Dieldrin     | 5.824  | 6.576  | 84390245 | 142.6E6  | 52.861   | 50.589     |
| 14)                         | MA Endrin       | 6.082  | 6.795  | 67880482 | 110.7E6  | 45.907   | 45.002     |
| 15)                         | B Endosulfa...  | 6.354  | 7.003  | 75500307 | 123.0E6  | 49.741   | 47.893     |
| 16)                         | A 4,4'-DDD      | 6.206  | 6.913  | 71151230 | 120.6E6  | 53.303   | 50.629     |
| 17)                         | MA 4,4'-DDT     | 6.448  | 7.213  | 59047894 | 97876964 | 46.513   | 43.278     |
| 18)                         | B Endrin al...  | 6.522  | 7.127  | 66829387 | 109.6E6  | 52.951   | 49.460     |
| 19)                         | B Endosulfa...  | 6.735  | 7.351  | 77355500 | 120.9E6  | 53.883   | 50.537     |
| 20)                         | A Methoxychlor  | 6.992  | 7.671  | 34171599 | 53539717 | 44.651   | 41.462     |
| 21)                         | B Endrin ke...  | 7.227  | 7.824  | 92985469 | 130.7E6  | 56.314   | 51.853     |
| 22)                         | Mirex           | 7.420  | 8.282  | 63749389 | 86214086 | 49.095   | 45.140     |
| 23)                         | Chlordane-1     | 4.422f | 0.000  | 730048   | 0        | 14.009   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.572f | 0        | 159.5E6  | N.D.     | 1566.082 # |
| 25)                         | Chlordane-3     | 5.468  | 6.194  | 84996078 | 149.3E6  | 596.848  | 398.113 #  |
| 26)                         | Chlordane-4     | 5.526  | 6.267  | 83587688 | 146.7E6  | 699.389  | 325.660 #  |
| 27)                         | Chlordane-5     | 6.354  | 0.000  | 75500307 | 0        | 1469.638 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

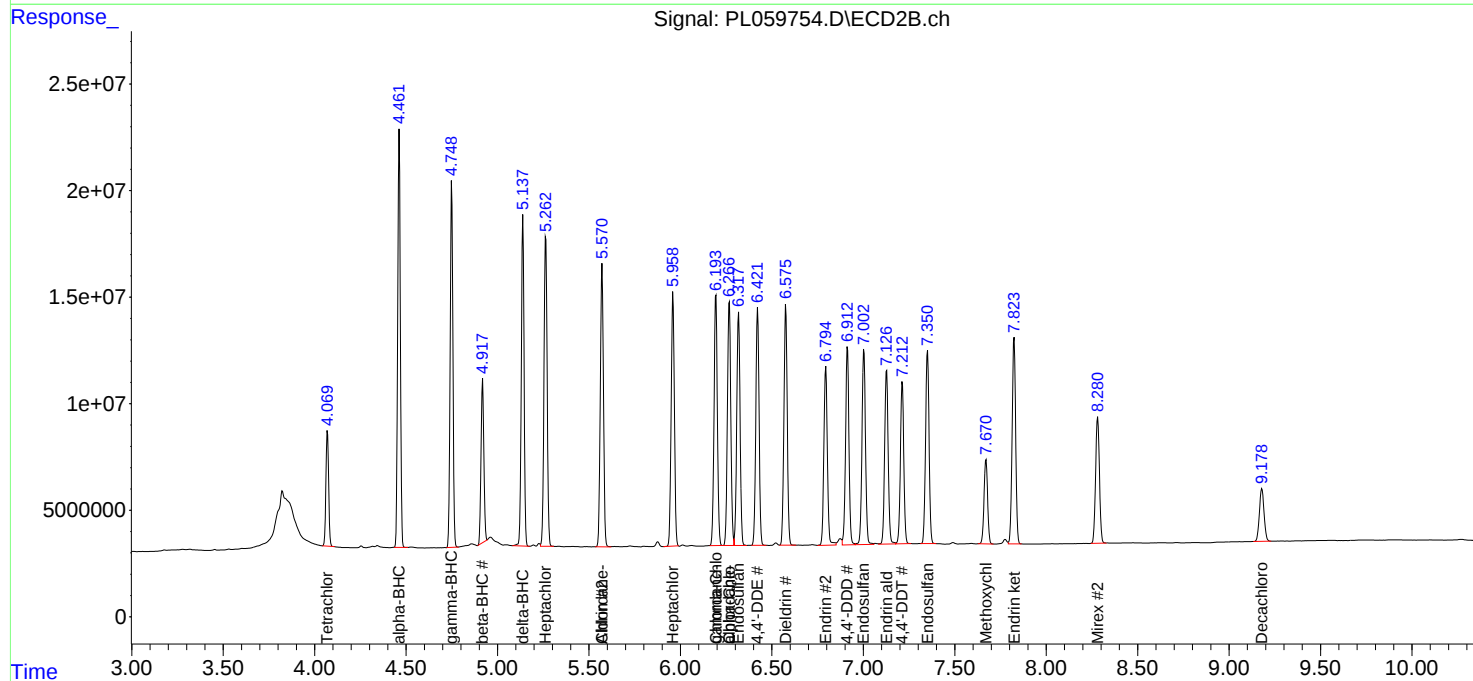
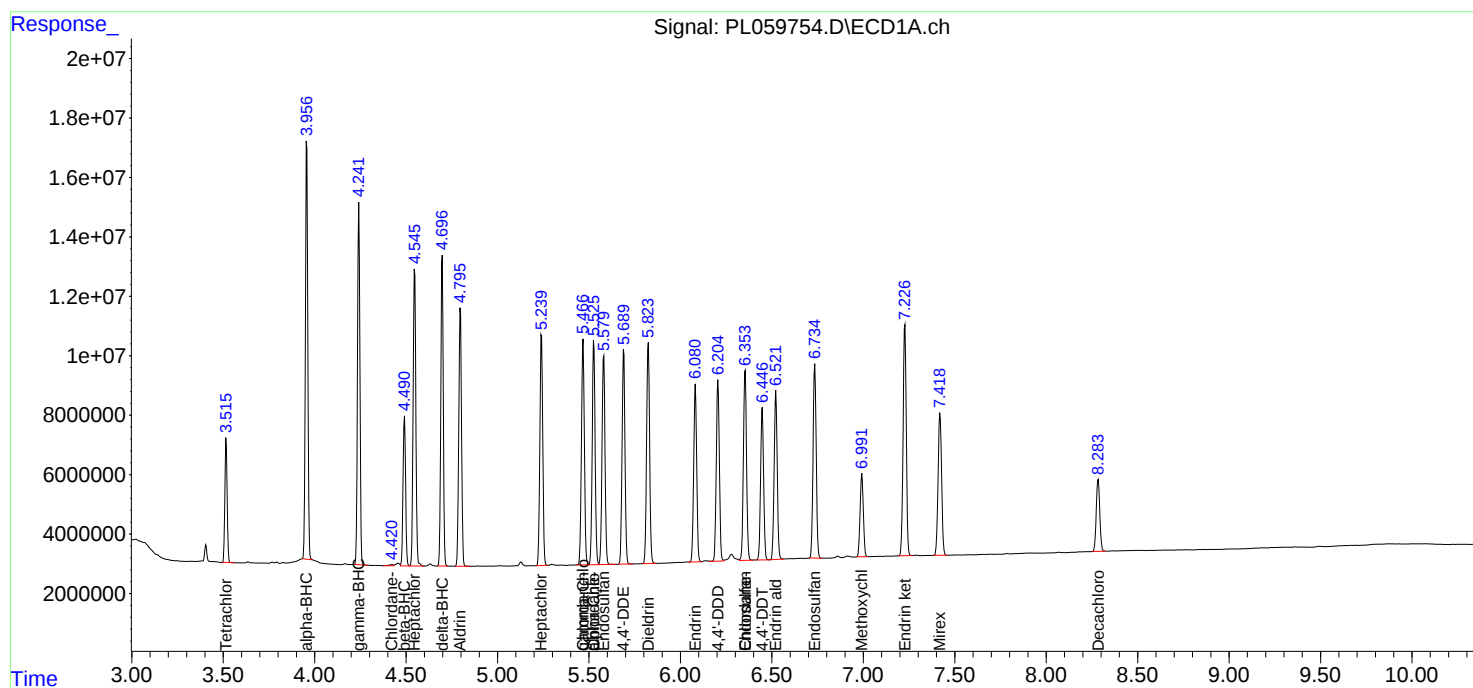
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

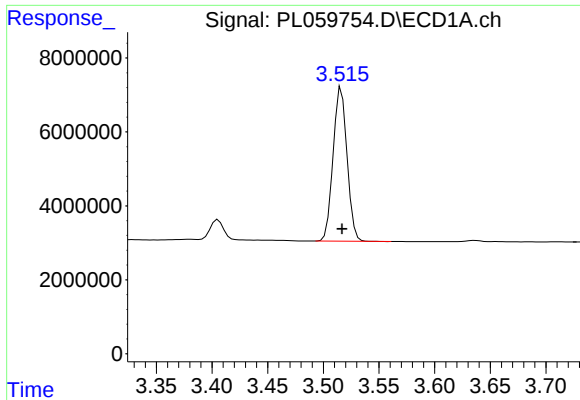
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070720\  
Data File : PL059754.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2020 15:56  
Operator : DD\AJ  
Sample : PB130003BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 00:50:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 2020  
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

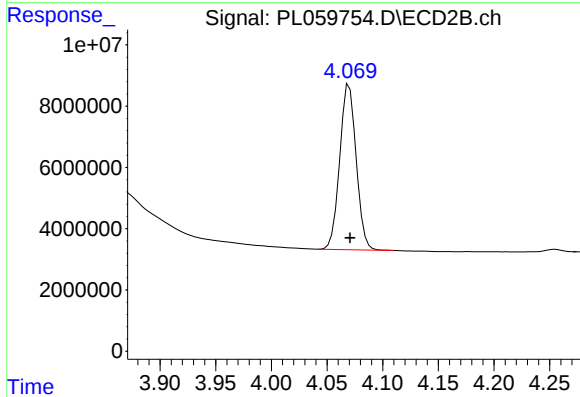




#1 Tetrachloro-m-xylene

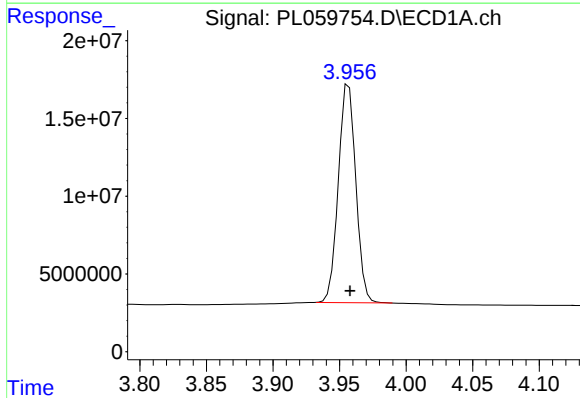
R.T.: 3.516 min  
Delta R.T.: 0.000 min  
Response: 36247820  
Conc: 20.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



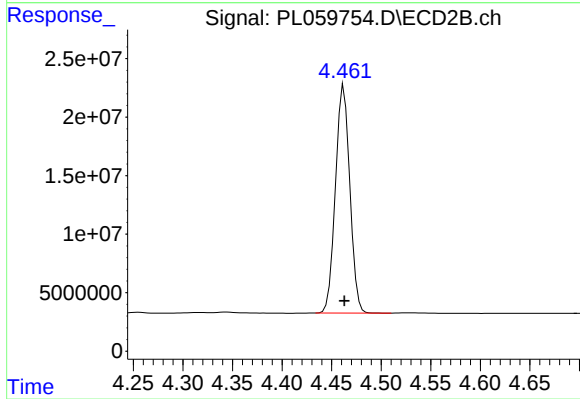
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 55511781  
Conc: 20.87 ng/ml



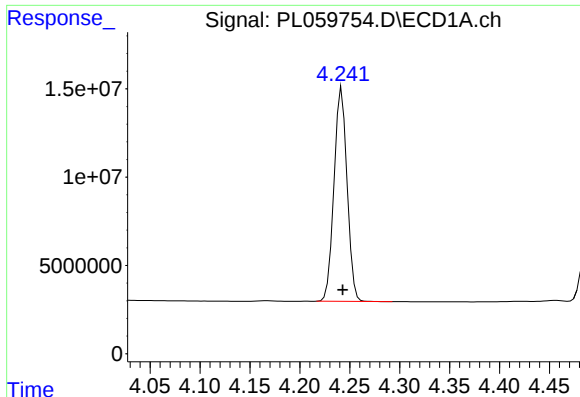
#2 alpha-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 128485073  
Conc: 49.95 ng/ml



#2 alpha-BHC

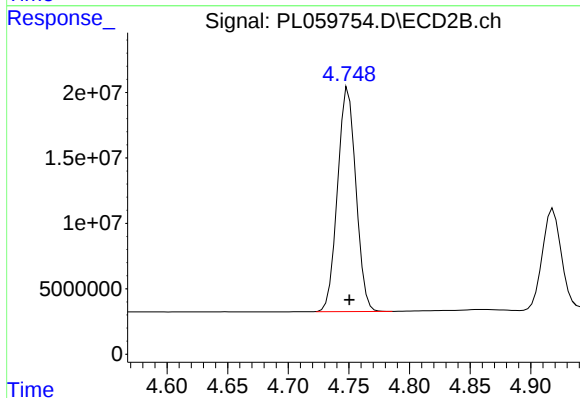
R.T.: 4.462 min  
Delta R.T.: 0.000 min  
Response: 196472212  
Conc: 50.45 ng/ml



#3 gamma-BHC (Lindane)

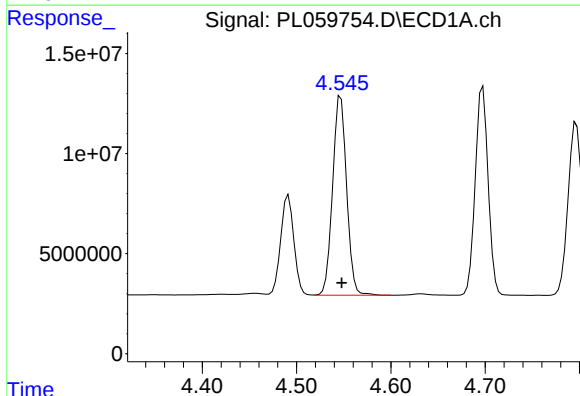
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 110183789  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



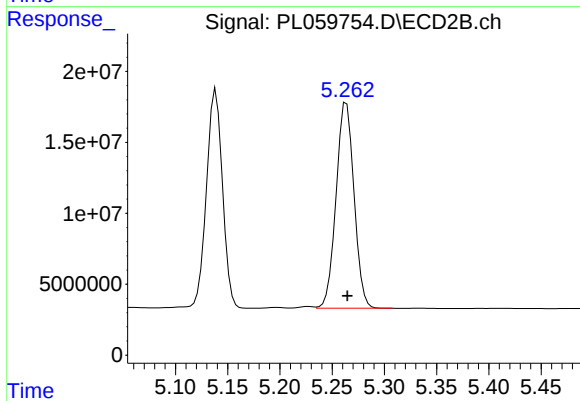
#3 gamma-BHC (Lindane)

R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 180033230  
Conc: 49.23 ng/ml



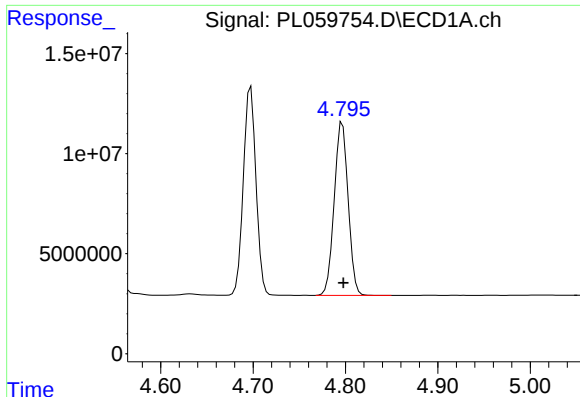
#4 Heptachlor

R.T.: 4.547 min  
Delta R.T.: -0.001 min  
Response: 102640688  
Conc: 49.13 ng/ml



#4 Heptachlor

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 172828475  
Conc: 49.33 ng/ml



#5 Aldrin

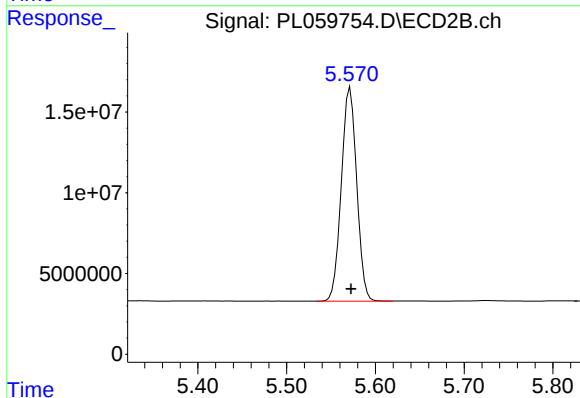
R.T.: 4.797 min

Delta R.T.: -0.001 min

Response: 90508710

Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



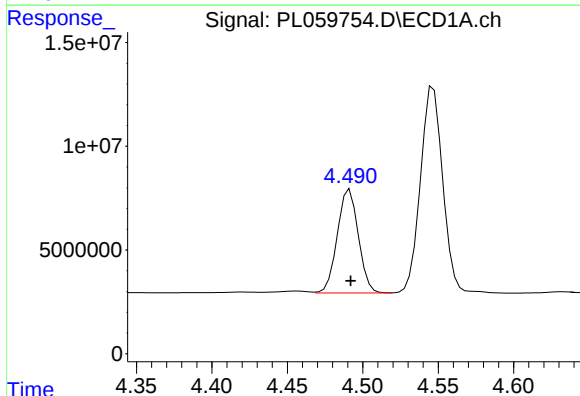
#5 Aldrin

R.T.: 5.572 min

Delta R.T.: 0.000 min

Response: 159480397

Conc: 50.44 ng/ml



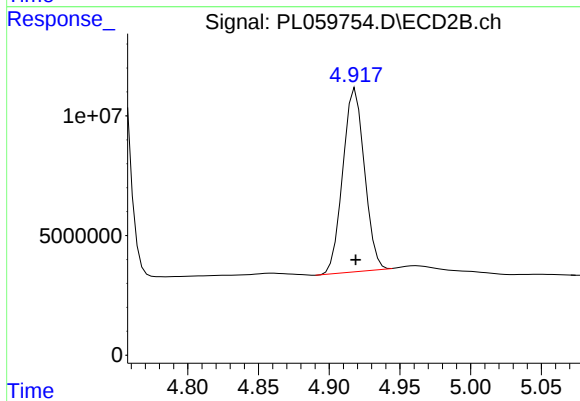
#6 beta-BHC

R.T.: 4.491 min

Delta R.T.: 0.000 min

Response: 48524690

Conc: 51.72 ng/ml



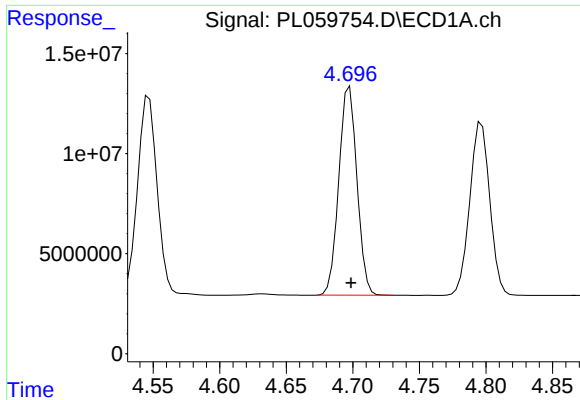
#6 beta-BHC

R.T.: 4.918 min

Delta R.T.: 0.000 min

Response: 81657311

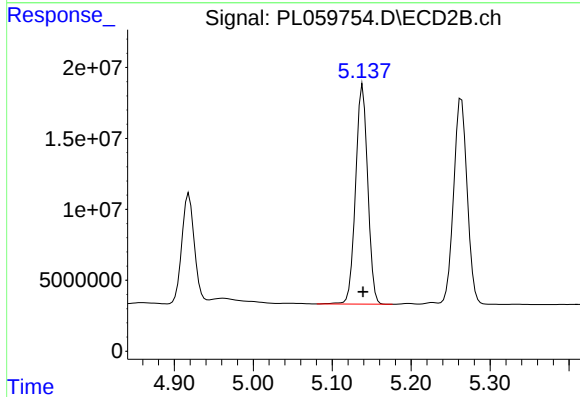
Conc: 53.03 ng/ml



#7 delta-BHC

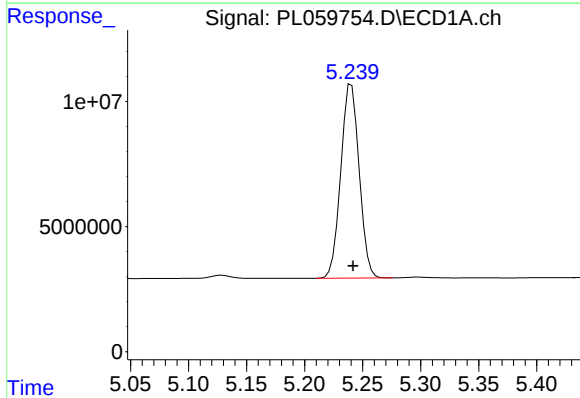
R.T.: 4.698 min  
Delta R.T.: -0.001 min  
Response: 98969840  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



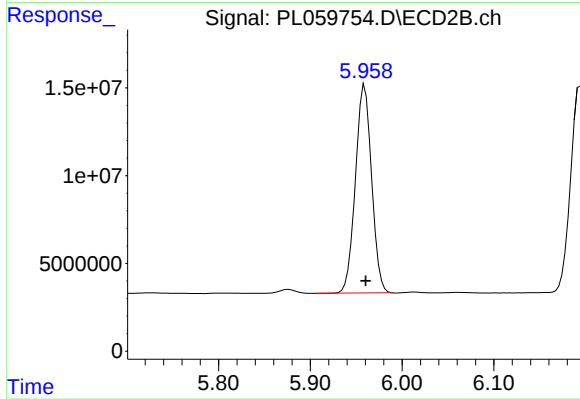
#7 delta-BHC

R.T.: 5.139 min  
Delta R.T.: 0.000 min  
Response: 164990550  
Conc: 56.40 ng/ml



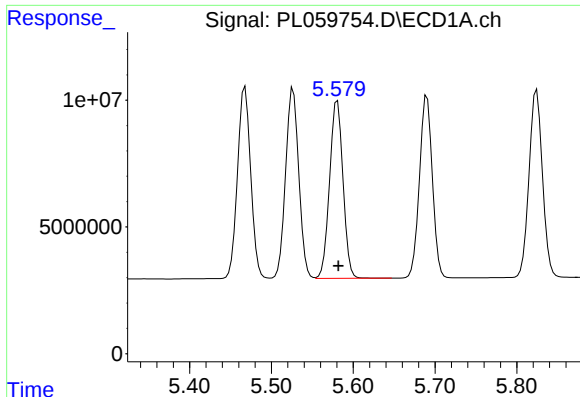
#8 Heptachlor epoxide

R.T.: 5.240 min  
Delta R.T.: -0.001 min  
Response: 85418073  
Conc: 52.69 ng/ml



#8 Heptachlor epoxide

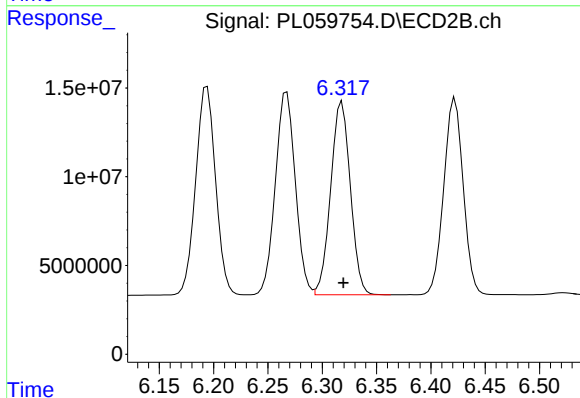
R.T.: 5.959 min  
Delta R.T.: -0.001 min  
Response: 145679347  
Conc: 59.95 ng/ml



#9 Endosulfan I

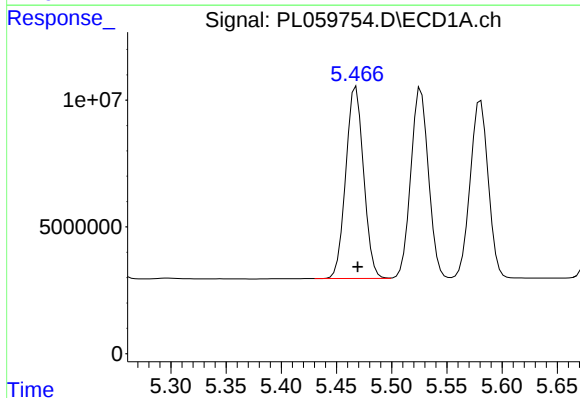
R.T.: 5.581 min  
Delta R.T.: -0.001 min  
Response: 80099783  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



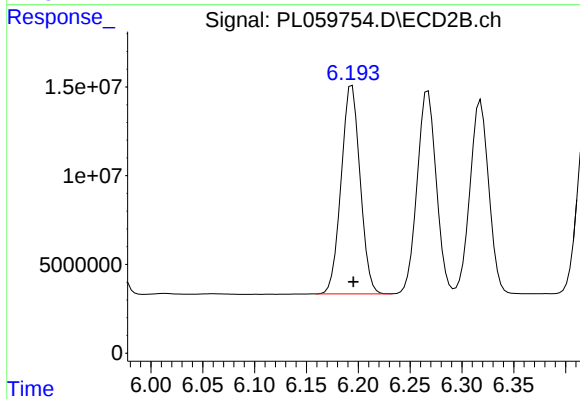
#9 Endosulfan I

R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 137298122  
Conc: 50.89 ng/ml



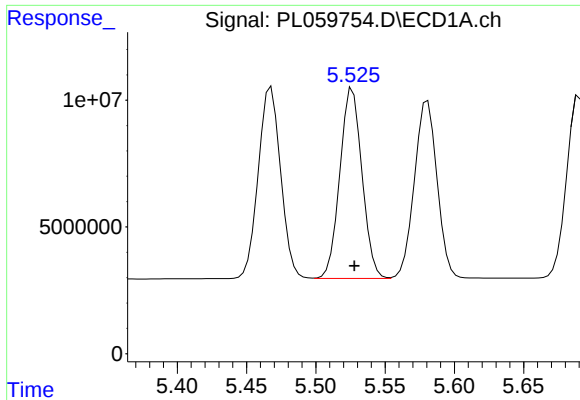
#10 gamma-Chlordane

R.T.: 5.468 min  
Delta R.T.: -0.001 min  
Response: 84996078  
Conc: 51.95 ng/ml



#10 gamma-Chlordane

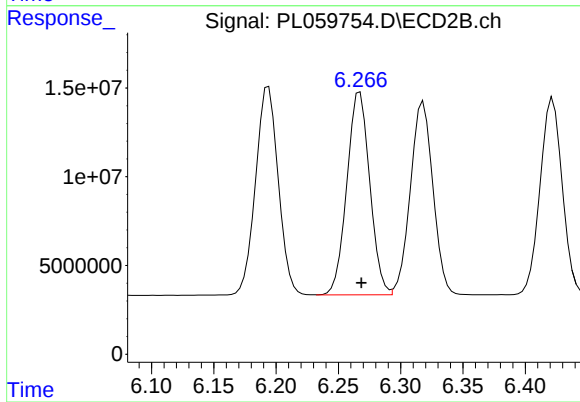
R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 149255672  
Conc: 50.62 ng/ml



#11 alpha-Chlordane

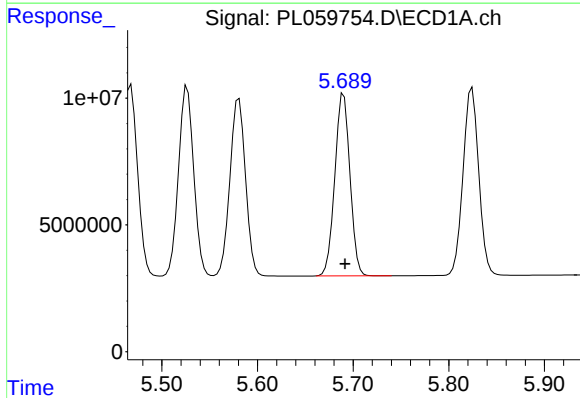
R.T.: 5.526 min  
Delta R.T.: -0.001 min  
Response: 83587688  
Conc: 50.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



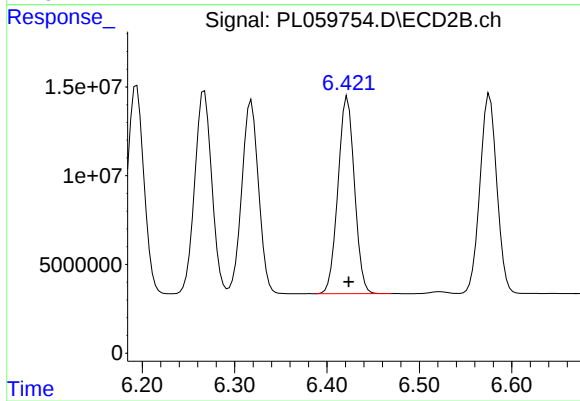
#11 alpha-Chlordane

R.T.: 6.267 min  
Delta R.T.: -0.001 min  
Response: 146679184  
Conc: 49.59 ng/ml



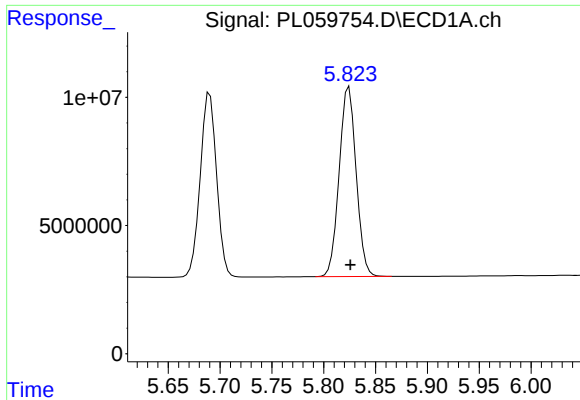
#12 4,4'-DDE

R.T.: 5.690 min  
Delta R.T.: -0.001 min  
Response: 78926870  
Conc: 52.65 ng/ml



#12 4,4'-DDE

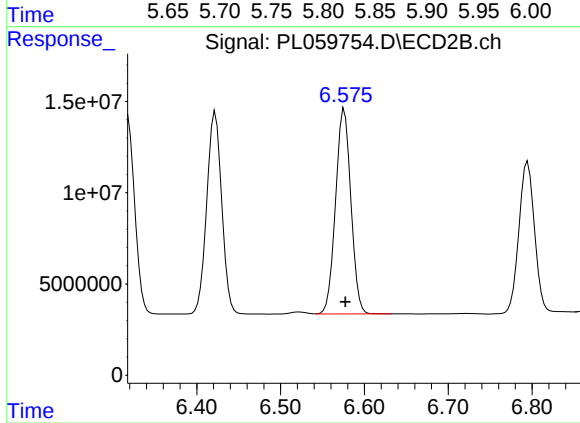
R.T.: 6.422 min  
Delta R.T.: -0.001 min  
Response: 137608187  
Conc: 51.58 ng/ml



#13 Dieldrin

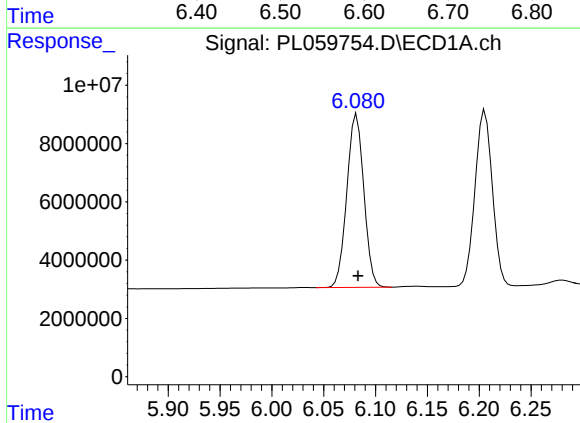
R.T.: 5.824 min  
Delta R.T.: -0.001 min  
Response: 84390245  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



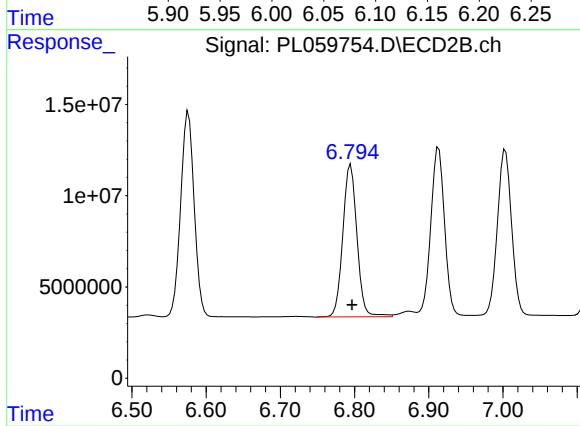
#13 Dieldrin

R.T.: 6.576 min  
Delta R.T.: -0.001 min  
Response: 142559944  
Conc: 50.59 ng/ml



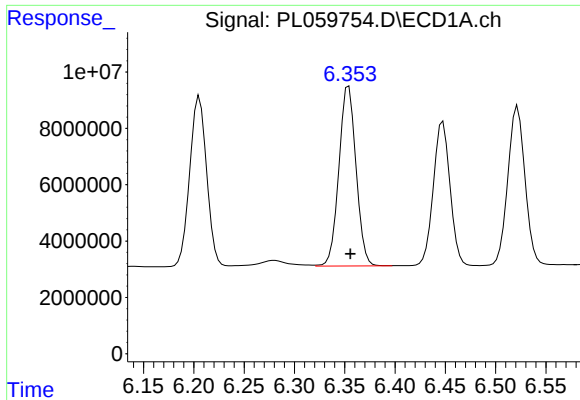
#14 Endrin

R.T.: 6.082 min  
Delta R.T.: -0.001 min  
Response: 67880482  
Conc: 45.91 ng/ml



#14 Endrin

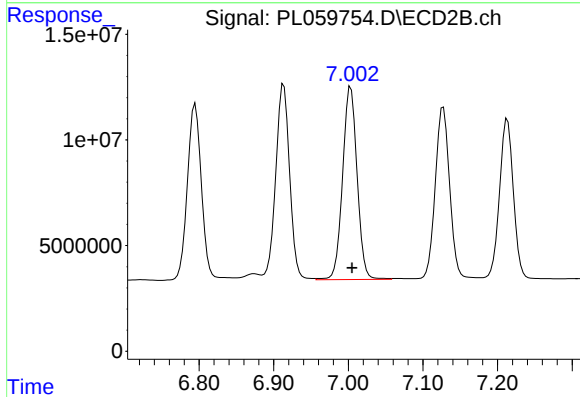
R.T.: 6.795 min  
Delta R.T.: -0.002 min  
Response: 110674080  
Conc: 45.00 ng/ml



#15 Endosulfan II

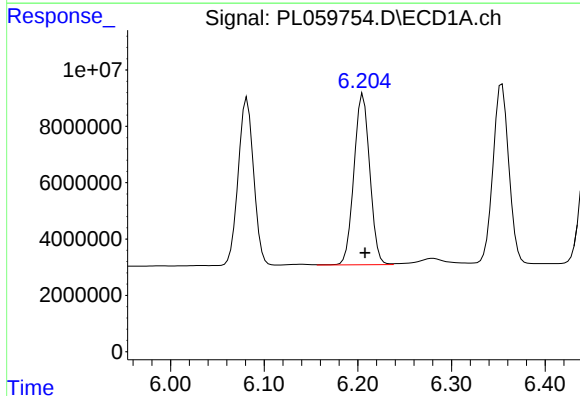
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 75500307  
Conc: 49.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



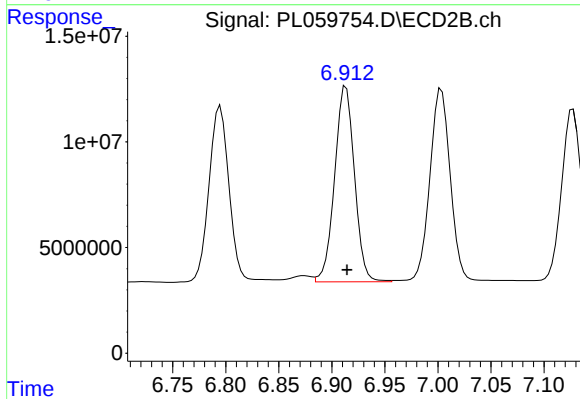
#15 Endosulfan II

R.T.: 7.003 min  
Delta R.T.: -0.001 min  
Response: 123026255  
Conc: 47.89 ng/ml



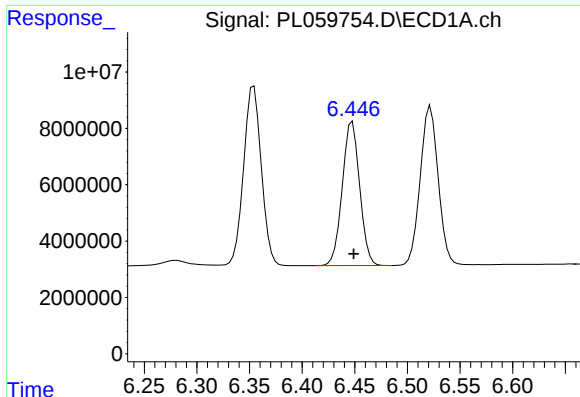
#16 4,4'-DDD

R.T.: 6.206 min  
Delta R.T.: -0.002 min  
Response: 71151230  
Conc: 53.30 ng/ml



#16 4,4'-DDD

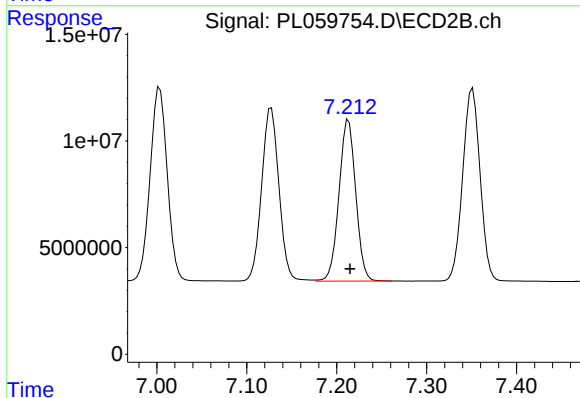
R.T.: 6.913 min  
Delta R.T.: -0.001 min  
Response: 120553358  
Conc: 50.63 ng/ml



#17 4,4'-DDT

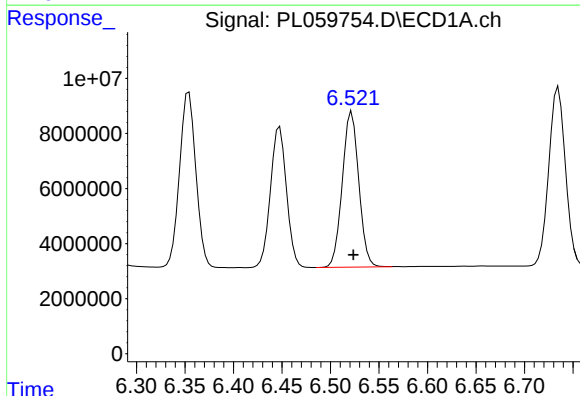
R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 59047894  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



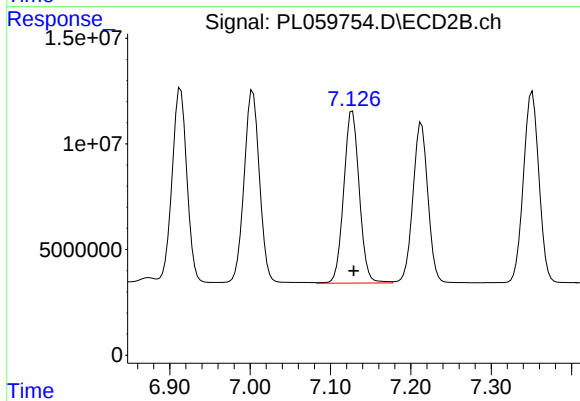
#17 4,4'-DDT

R.T.: 7.213 min  
Delta R.T.: -0.002 min  
Response: 97876964  
Conc: 43.28 ng/ml



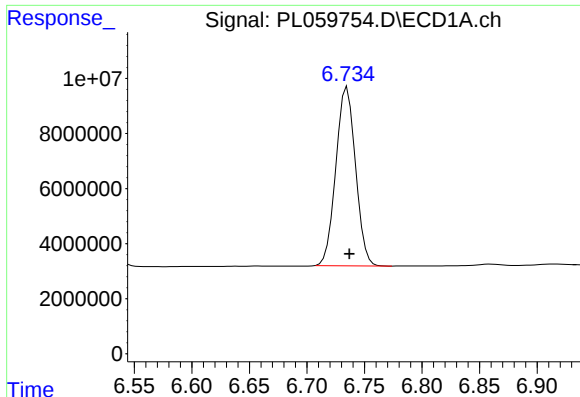
#18 Endrin aldehyde

R.T.: 6.522 min  
Delta R.T.: -0.002 min  
Response: 66829387  
Conc: 52.95 ng/ml



#18 Endrin aldehyde

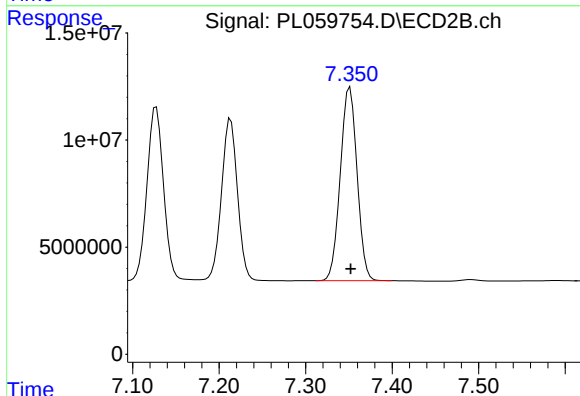
R.T.: 7.127 min  
Delta R.T.: -0.002 min  
Response: 109604017  
Conc: 49.46 ng/ml



#19 Endosulfan Sulfate

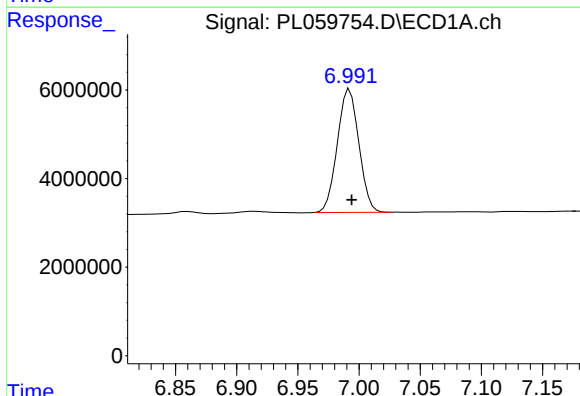
R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 77355500  
Conc: 53.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



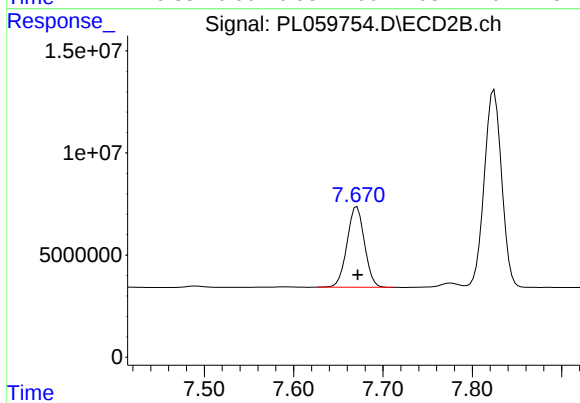
#19 Endosulfan Sulfate

R.T.: 7.351 min  
Delta R.T.: -0.001 min  
Response: 120949651  
Conc: 50.54 ng/ml



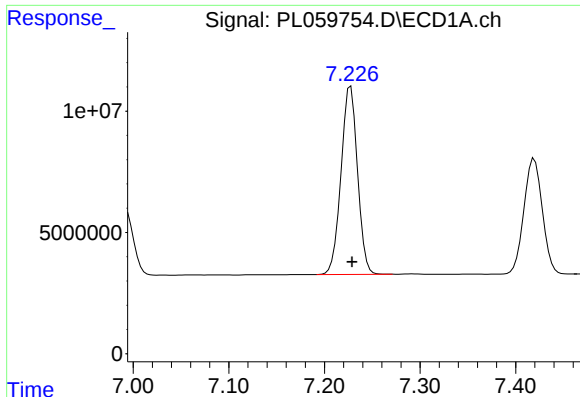
#20 Methoxychlor

R.T.: 6.992 min  
Delta R.T.: -0.002 min  
Response: 34171599  
Conc: 44.65 ng/ml



#20 Methoxychlor

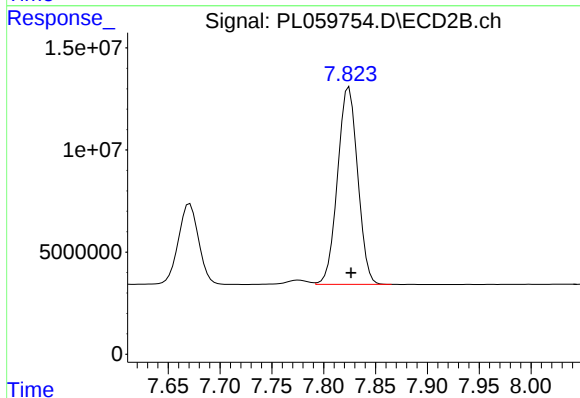
R.T.: 7.671 min  
Delta R.T.: 0.000 min  
Response: 53539717  
Conc: 41.46 ng/ml



#21 Endrin ketone

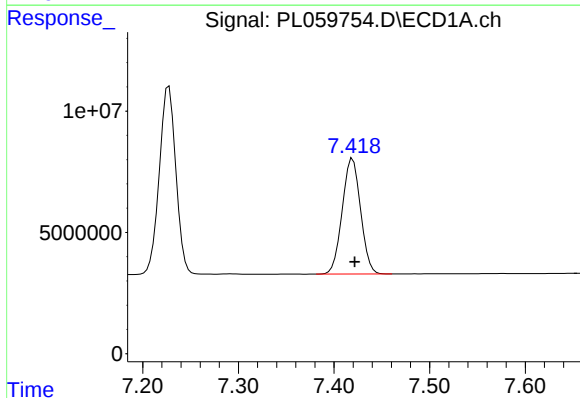
R.T.: 7.227 min  
Delta R.T.: -0.001 min  
Response: 92985469  
Conc: 56.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



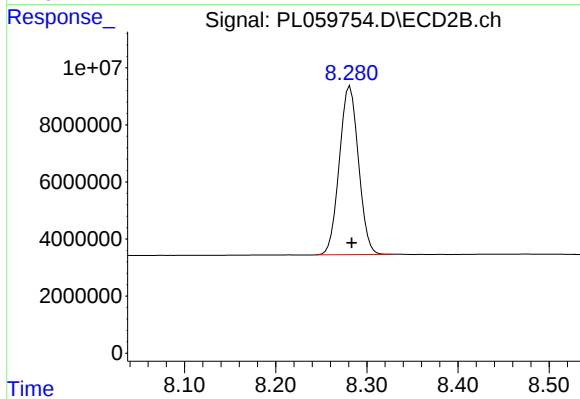
#21 Endrin ketone

R.T.: 7.824 min  
Delta R.T.: -0.002 min  
Response: 130654144  
Conc: 51.85 ng/ml



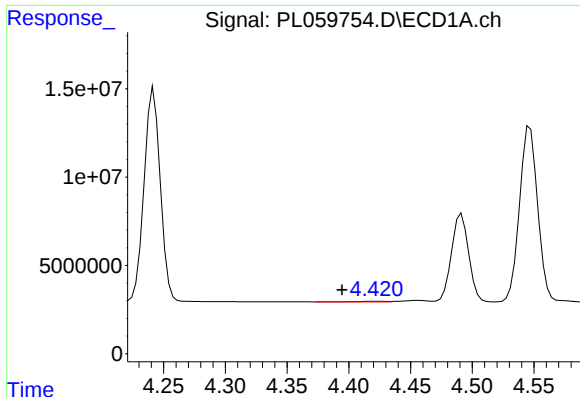
#22 Mirex

R.T.: 7.420 min  
Delta R.T.: -0.002 min  
Response: 63749389  
Conc: 49.10 ng/ml



#22 Mirex

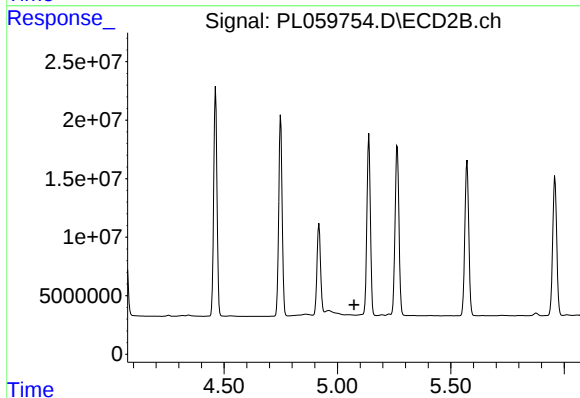
R.T.: 8.282 min  
Delta R.T.: -0.002 min  
Response: 86214086  
Conc: 45.14 ng/ml



#23 Chlordane-1

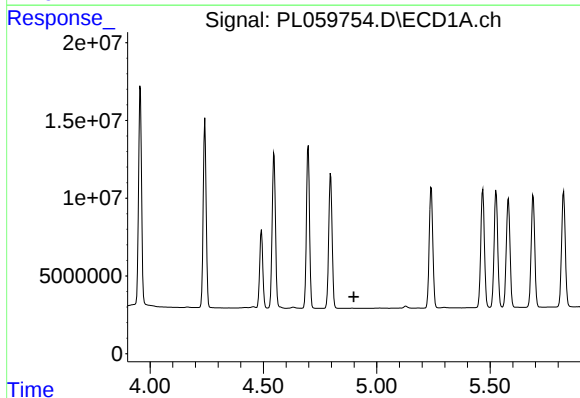
R.T.: 4.422 min  
Delta R.T.: 0.027 min  
Response: 730048  
Conc: 14.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



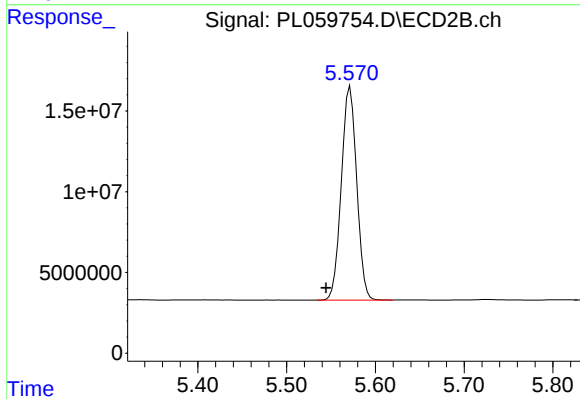
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.074 min  
Response: 0  
Conc: N.D.



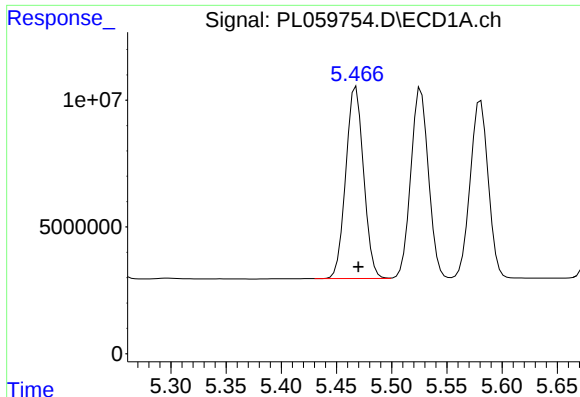
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.898 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

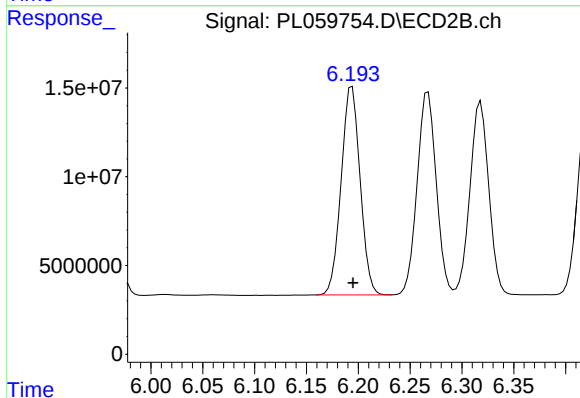
R.T.: 5.572 min  
Delta R.T.: 0.027 min  
Response: 159480397  
Conc: 1566.08 ng/ml



#25 Chlordane-3

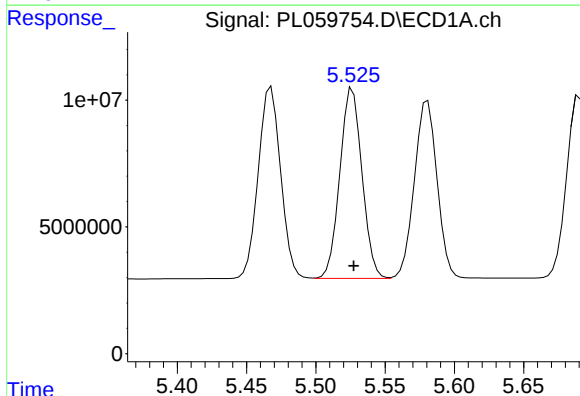
R.T.: 5.468 min  
Delta R.T.: -0.002 min  
Response: 84996078  
Conc: 596.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



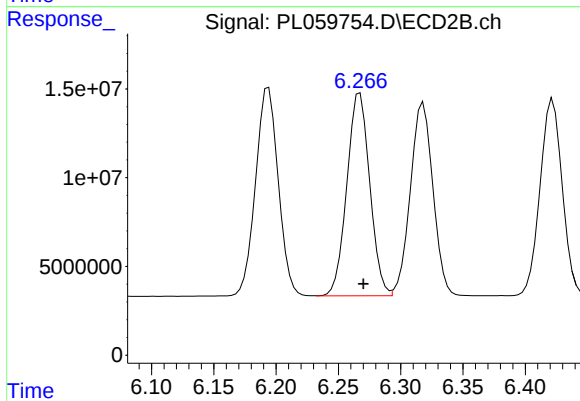
#25 Chlordane-3

R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 149255672  
Conc: 398.11 ng/ml



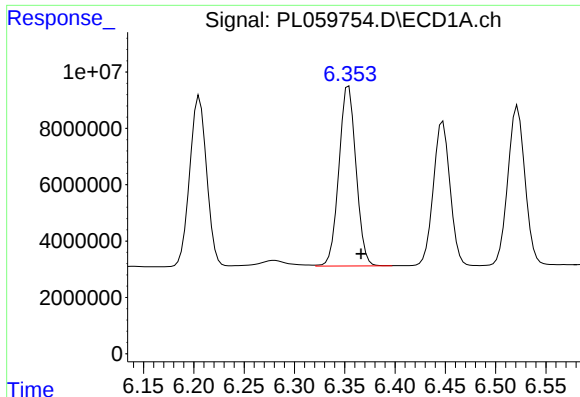
#26 Chlordane-4

R.T.: 5.526 min  
Delta R.T.: -0.001 min  
Response: 83587688  
Conc: 699.39 ng/ml



#26 Chlordane-4

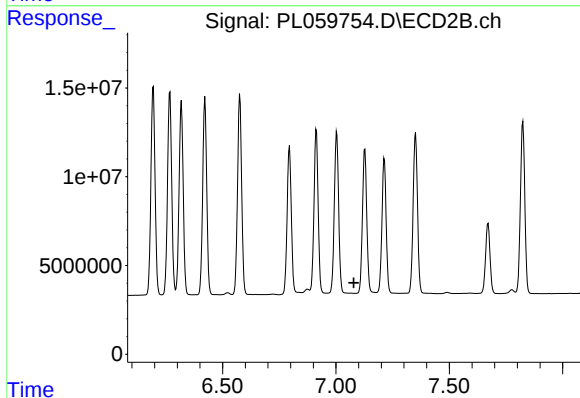
R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 146679184  
Conc: 325.66 ng/ml



#27 Chlordane-5

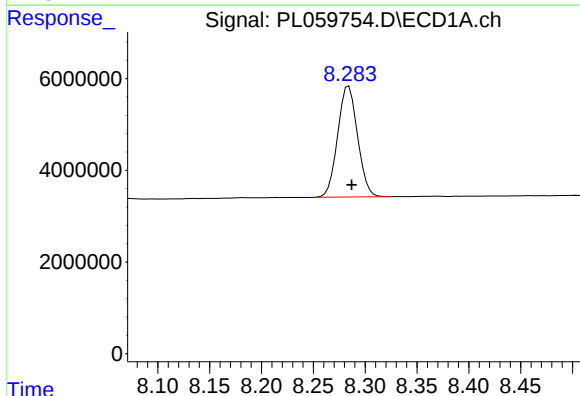
R.T.: 6.354 min  
Delta R.T.: -0.012 min  
Response: 75500307  
Conc: 1469.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



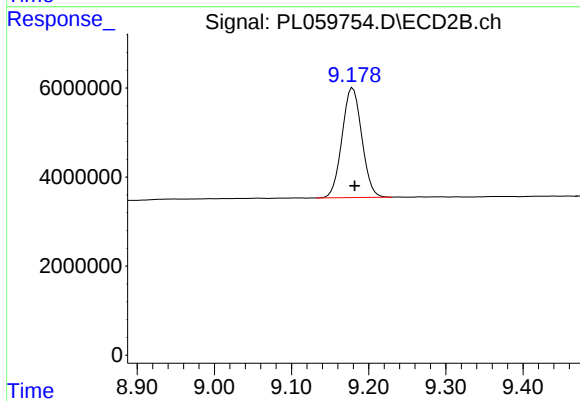
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.284 min  
Delta R.T.: -0.003 min  
Response: 32266627  
Conc: 21.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.179 min  
Delta R.T.: -0.003 min  
Response: 43695912  
Conc: 20.10 ng/ml