

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081920\  
 Data File : PL060839.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2020 14:06  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 15:19:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 19 06:13:38 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... | 3.462 | 4.010  | 85255147 | 128.3E6  | 51.069   | 46.135     |
| 28)                         | SA Decachlor... | 8.218 | 9.099  | 67314827 | 94484184 | 47.125   | 46.748     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.899 | 4.400  | 127.3E6  | 201.1E6  | 52.274   | 47.345     |
| 3)                          | MA gamma-BHC... | 4.182 | 4.685  | 113.3E6  | 182.4E6  | 52.248   | 46.272     |
| 4)                          | MA Heptachlor   | 4.485 | 5.196  | 103.2E6  | 173.3E6  | 52.014   | 46.108     |
| 5)                          | MB Aldrin       | 4.733 | 5.502  | 91551859 | 156.6E6  | 52.494   | 45.423     |
| 6)                          | B beta-BHC      | 4.434 | 4.856  | 47143044 | 74926167 | 52.475   | 46.373     |
| 7)                          | B delta-BHC     | 4.638 | 5.074  | 106.9E6  | 145.6E6  | 52.591   | 49.431     |
| 8)                          | B Heptachlo...  | 5.176 | 5.889  | 86637970 | 131.7E6  | 51.395   | 47.103     |
| 9)                          | A Endosulfan I  | 5.514 | 6.248  | 79661707 | 130.9E6  | 51.606   | 44.242     |
| 10)                         | B gamma-Chl...  | 5.403 | 6.125  | 85036221 | 139.6E6  | 51.648   | 45.718     |
| 11)                         | B alpha-Chl...  | 5.461 | 6.197  | 85189730 | 140.4E6  | 51.712   | 44.554     |
| 12)                         | B 4,4'-DDE      | 5.626 | 6.355  | 78367438 | 128.9E6  | 50.820   | 42.567     |
| 13)                         | MA Dieldrin     | 5.757 | 6.505  | 83096573 | 133.0E6  | 51.693   | 43.230     |
| 14)                         | MA Endrin       | 6.014 | 6.724  | 75307539 | 108.9E6  | 49.777   | 41.917     |
| 15)                         | B Endosulfa...  | 6.287 | 6.934  | 74173659 | 112.4E6  | 49.188   | 43.078     |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.846  | 65584946 | 101.8E6  | 51.191   | 43.633     |
| 17)                         | MA 4,4'-DDT     | 6.383 | 7.147  | 60832965 | 98259967 | 50.730   | 45.275     |
| 18)                         | B Endrin al...  | 6.455 | 7.058  | 63986473 | 96665214 | 49.616   | 44.668     |
| 19)                         | B Endosulfa...  | 6.668 | 7.281  | 71865712 | 108.5E6  | 49.550   | 45.745     |
| 20)                         | A Methoxychlor  | 6.928 | 7.607  | 37065723 | 56078587 | 48.970   | 44.815     |
| 21)                         | B Endrin ke...  | 7.158 | 7.754  | 79593575 | 109.8E6  | 51.242   | 47.634     |
| 22)                         | Mirex           | 7.347 | 8.210  | 60072470 | 77504138 | 50.178   | 47.979     |
| 24)                         | Chlordane-2     | 0.000 | 5.502f | 0        | 156.6E6  | N.D.     | 1453.729 # |
| 25)                         | Chlordane-3     | 5.403 | 6.125  | 85036221 | 139.6E6  | 608.677  | 346.153 #  |
| 26)                         | Chlordane-4     | 5.461 | 6.197  | 85189730 | 140.4E6  | 743.948  | 284.984 #  |
| 27)                         | Chlordane-5     | 6.287 | 0.000  | 74173659 | 0        | 1488.169 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

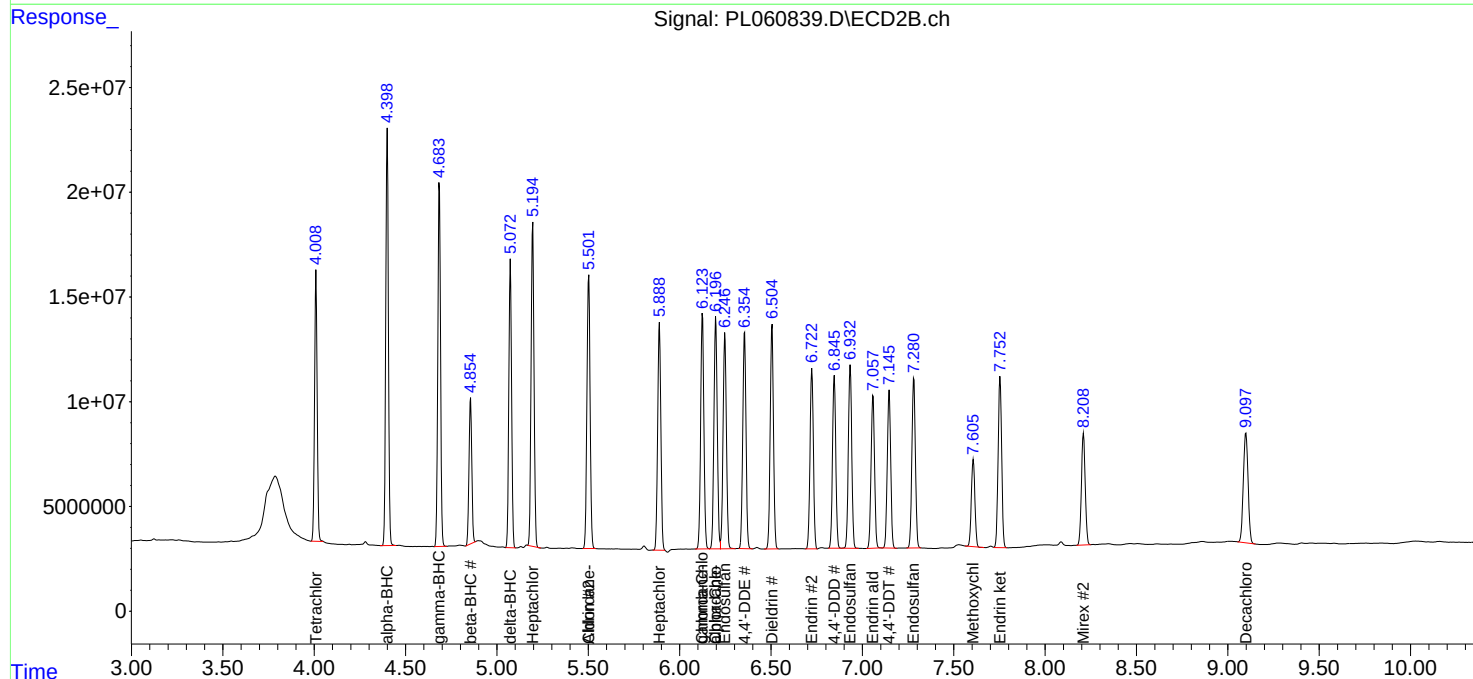
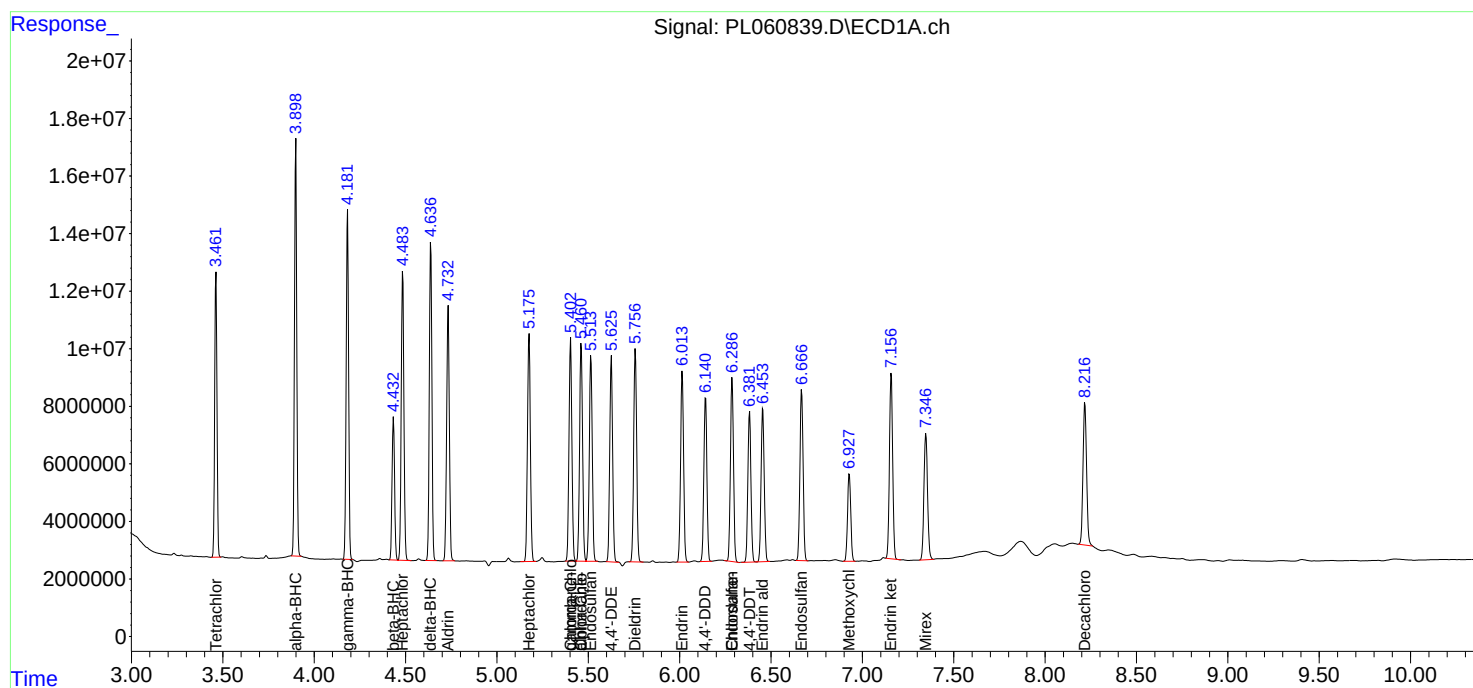
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

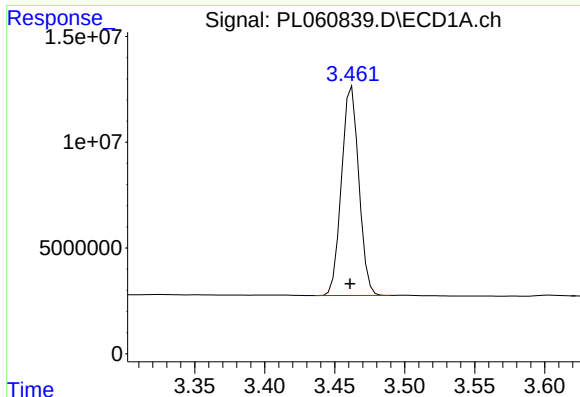
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081920\  
Data File : PL060839.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2020 14:06  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 15:19:55 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081820.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 19 06:13:38 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

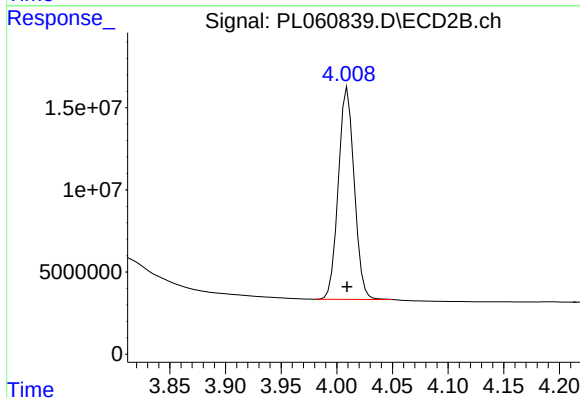




#1 Tetrachloro-m-xylene

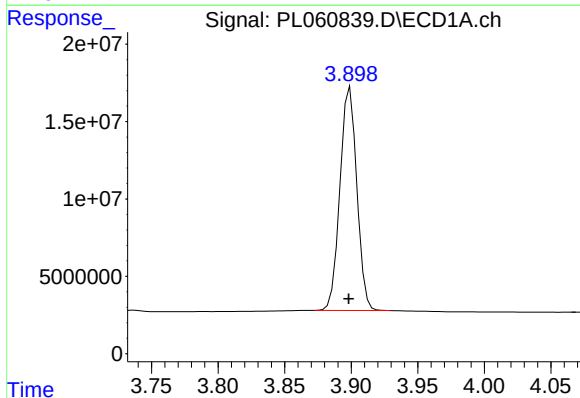
R.T.: 3.462 min  
Delta R.T.: 0.001 min  
Response: 85255147  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



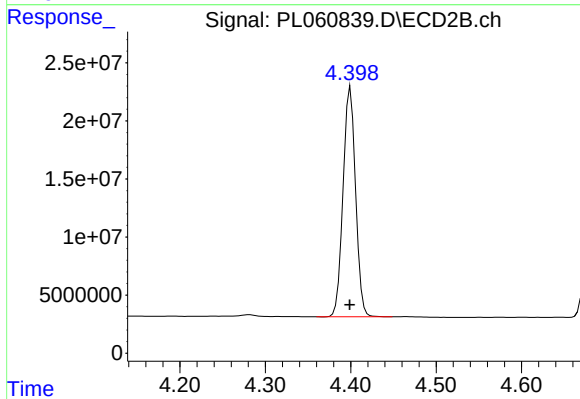
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: 0.000 min  
Response: 128333005  
Conc: 46.13 ng/ml



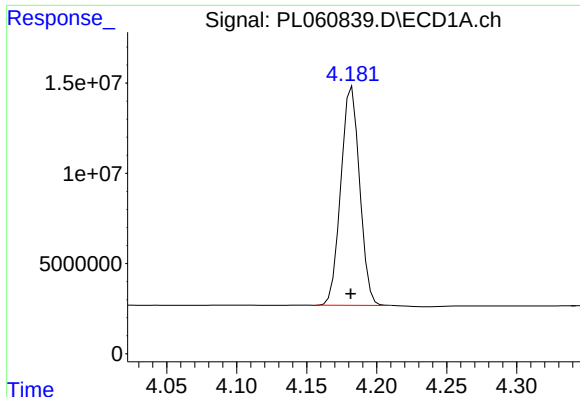
#2 alpha-BHC

R.T.: 3.899 min  
Delta R.T.: 0.001 min  
Response: 127297582  
Conc: 52.27 ng/ml



#2 alpha-BHC

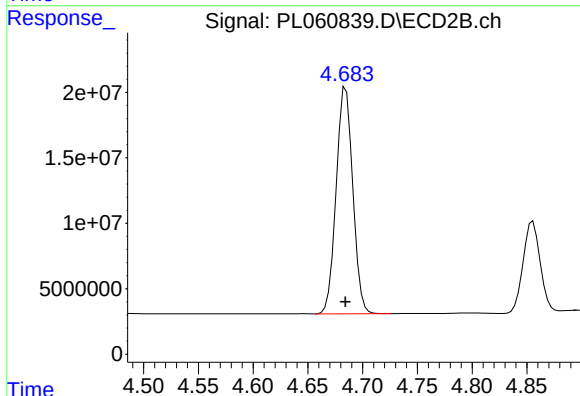
R.T.: 4.400 min  
Delta R.T.: 0.000 min  
Response: 201124583  
Conc: 47.34 ng/ml



#3 gamma-BHC (Lindane)

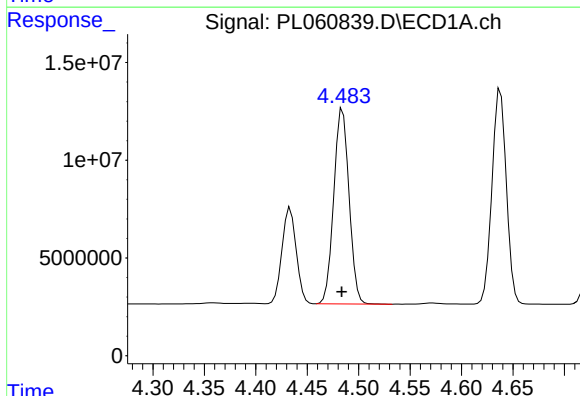
R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 113341898  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



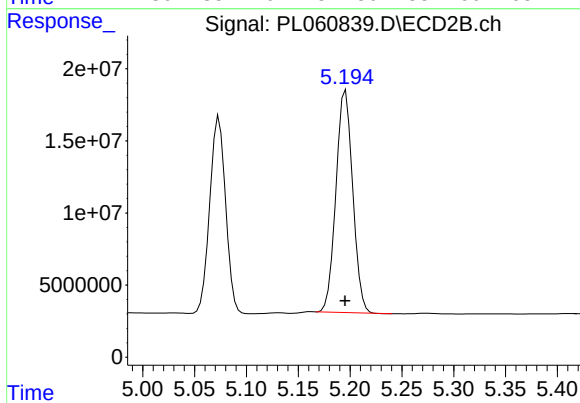
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 182397386  
Conc: 46.27 ng/ml



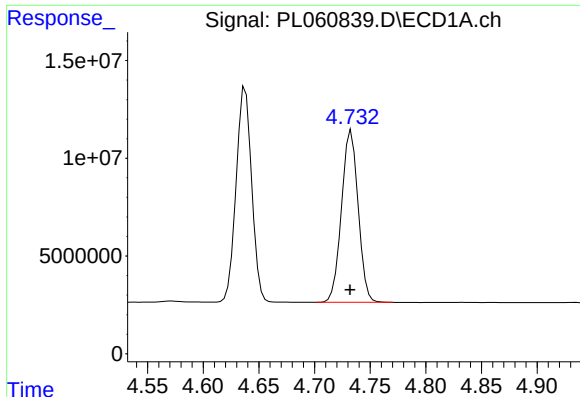
#4 Heptachlor

R.T.: 4.485 min  
Delta R.T.: 0.000 min  
Response: 103246535  
Conc: 52.01 ng/ml



#4 Heptachlor

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 173280488  
Conc: 46.11 ng/ml



#5 Aldrin

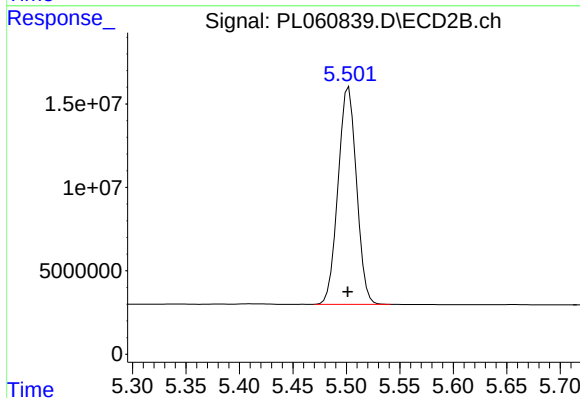
R.T.: 4.733 min

Delta R.T.: 0.001 min

Response: 91551859

Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



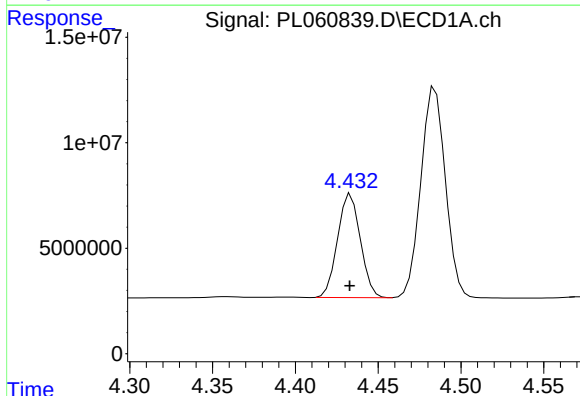
#5 Aldrin

R.T.: 5.502 min

Delta R.T.: 0.000 min

Response: 156564198

Conc: 45.42 ng/ml



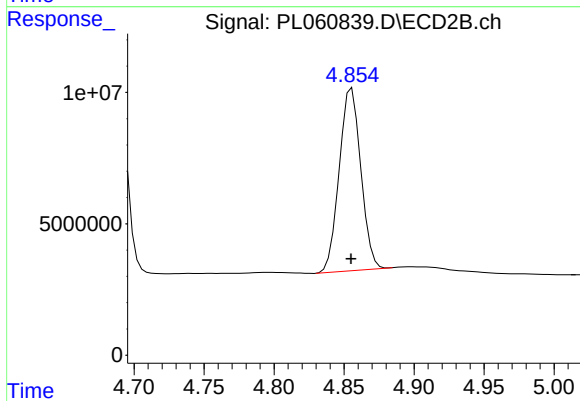
#6 beta-BHC

R.T.: 4.434 min

Delta R.T.: 0.000 min

Response: 47143044

Conc: 52.48 ng/ml



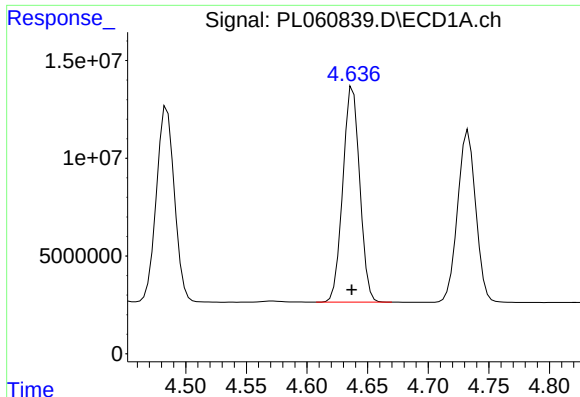
#6 beta-BHC

R.T.: 4.856 min

Delta R.T.: 0.000 min

Response: 74926167

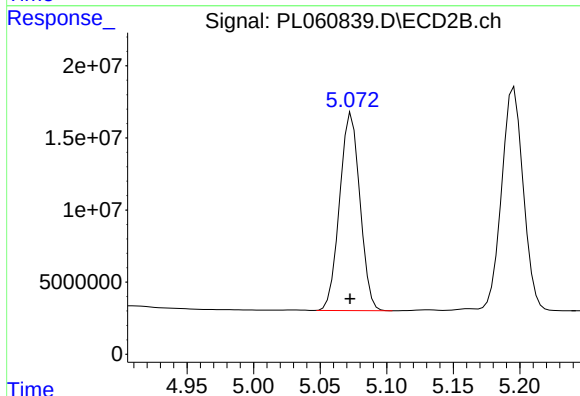
Conc: 46.37 ng/ml



#7 delta-BHC

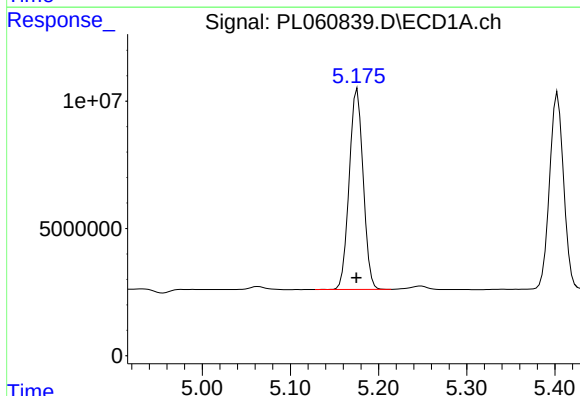
R.T.: 4.638 min  
Delta R.T.: 0.001 min  
Response: 106926481  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



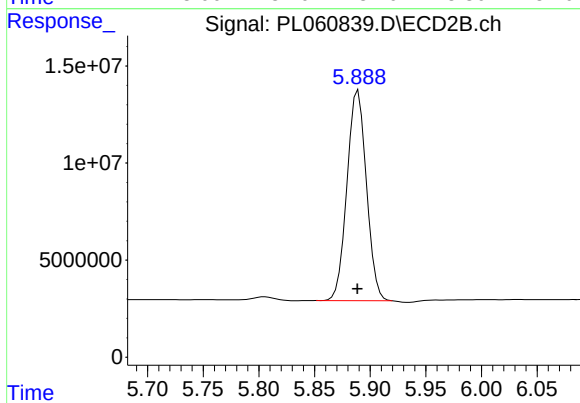
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.001 min  
Response: 145608771  
Conc: 49.43 ng/ml



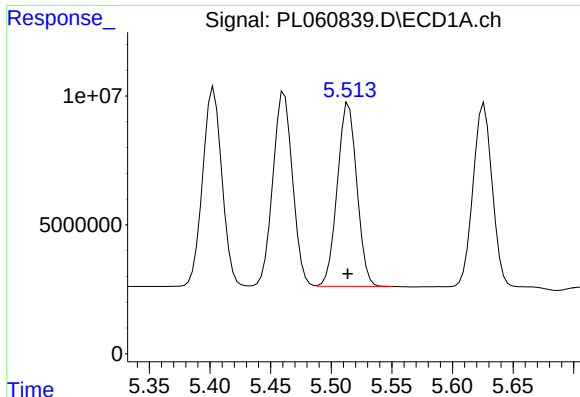
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: 0.001 min  
Response: 86637970  
Conc: 51.39 ng/ml



#8 Heptachlor epoxide

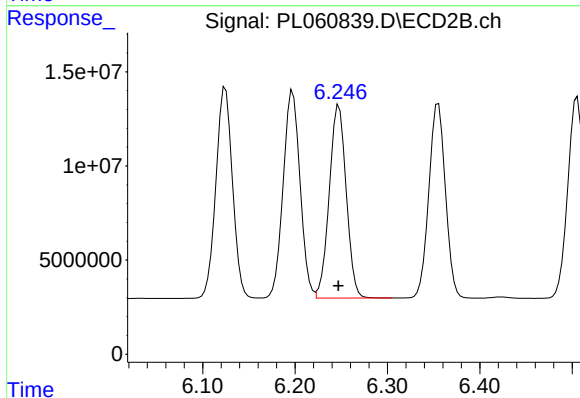
R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 131667076  
Conc: 47.10 ng/ml



#9 Endosulfan I

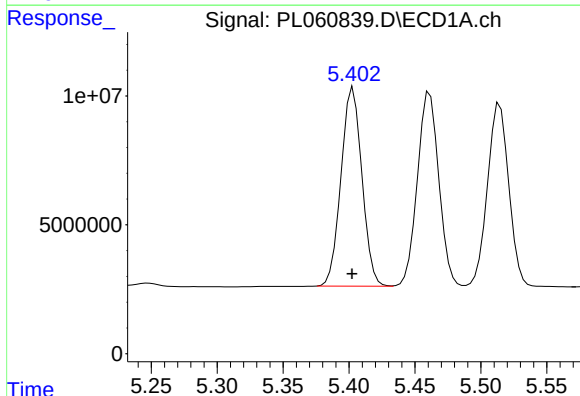
R.T.: 5.514 min  
Delta R.T.: 0.000 min  
Response: 79661707  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



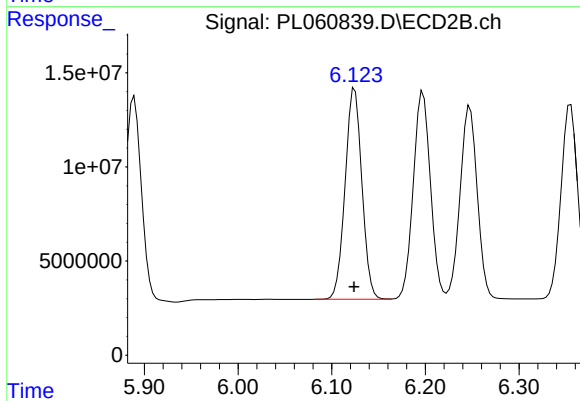
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 130889090  
Conc: 44.24 ng/ml



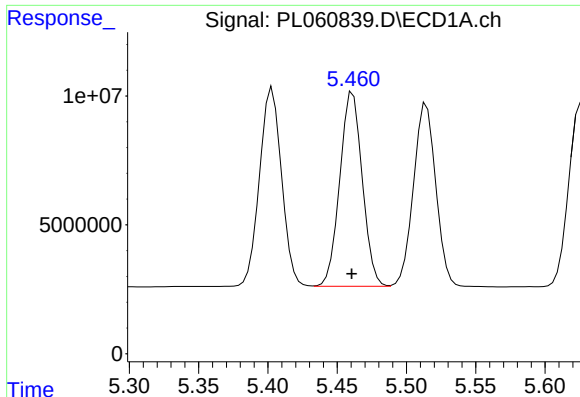
#10 gamma-Chlordane

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 85036221  
Conc: 51.65 ng/ml



#10 gamma-Chlordane

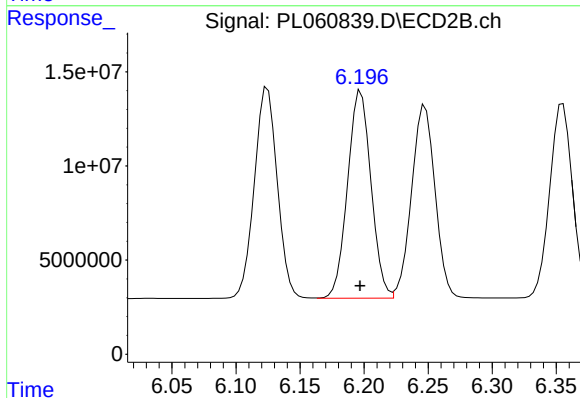
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 139586834  
Conc: 45.72 ng/ml



#11 alpha-Chlordane

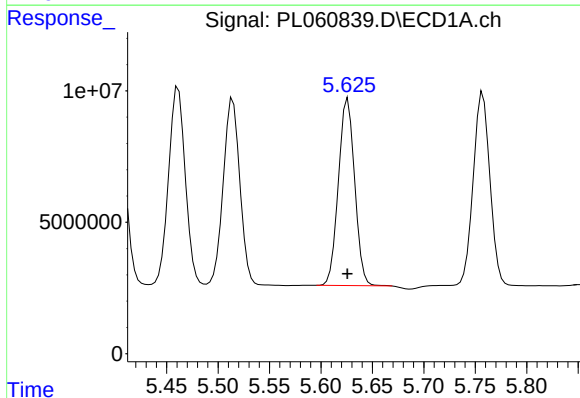
R.T.: 5.461 min  
Delta R.T.: 0.000 min  
Response: 85189730  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



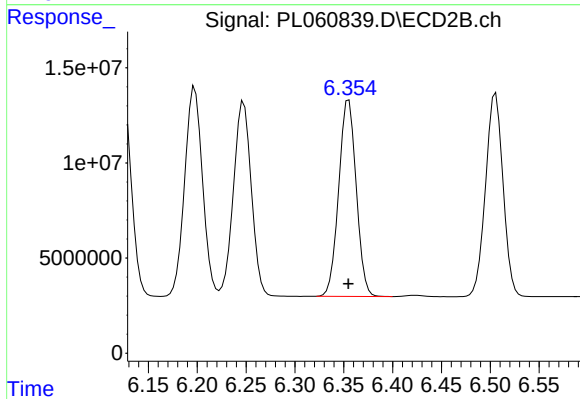
#11 alpha-Chlordane

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 140443069  
Conc: 44.55 ng/ml



#12 4,4'-DDE

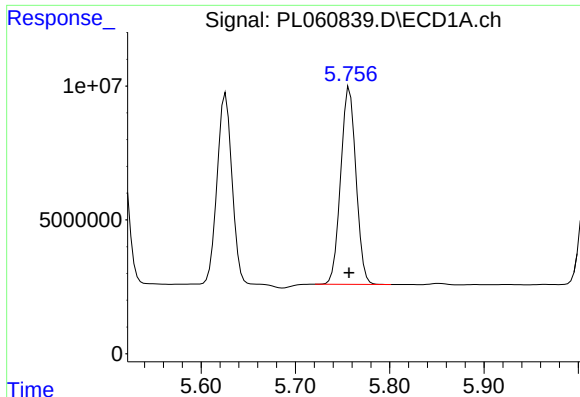
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 78367438  
Conc: 50.82 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 128868806  
Conc: 42.57 ng/ml

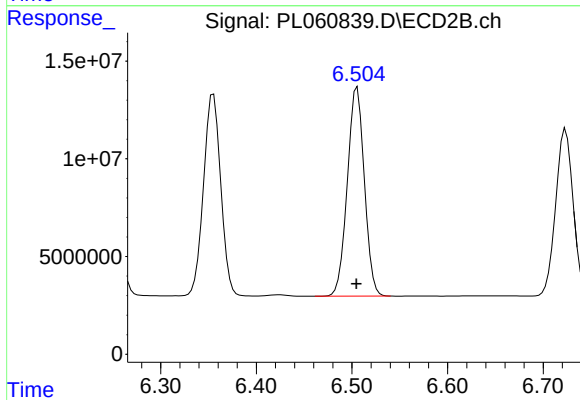




#13 Dieldrin

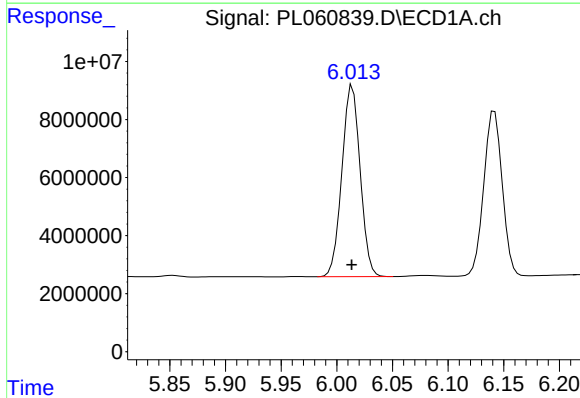
R.T.: 5.757 min  
Delta R.T.: 0.000 min  
Response: 83096573  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



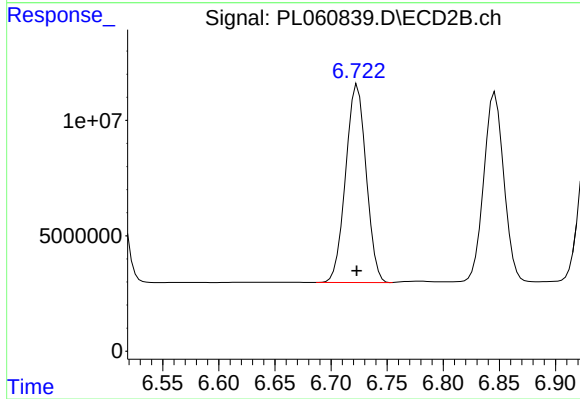
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: 0.000 min  
Response: 133042876  
Conc: 43.23 ng/ml



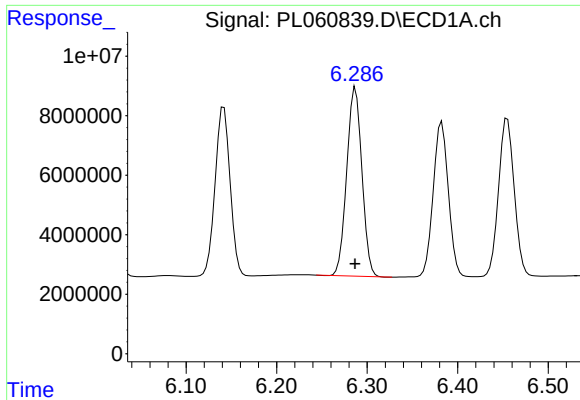
#14 Endrin

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 75307539  
Conc: 49.78 ng/ml



#14 Endrin

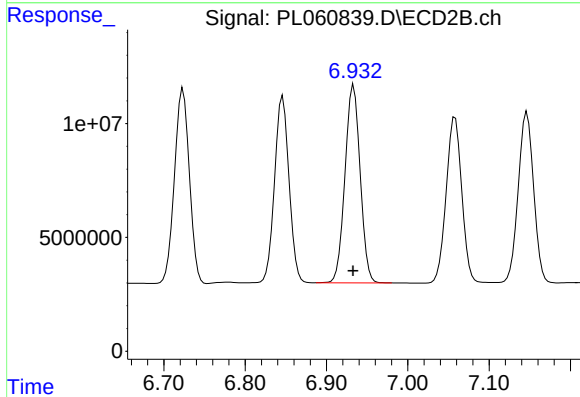
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 108907403  
Conc: 41.92 ng/ml



#15 Endosulfan II

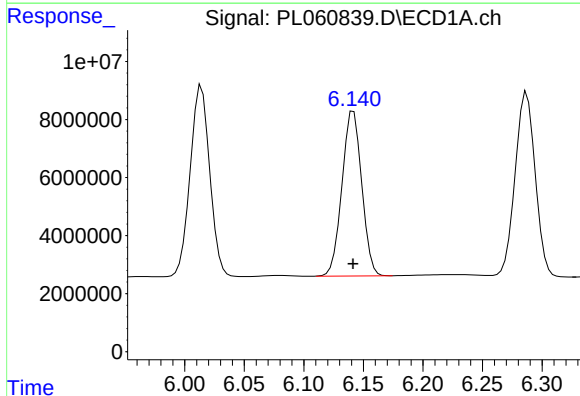
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 74173659  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



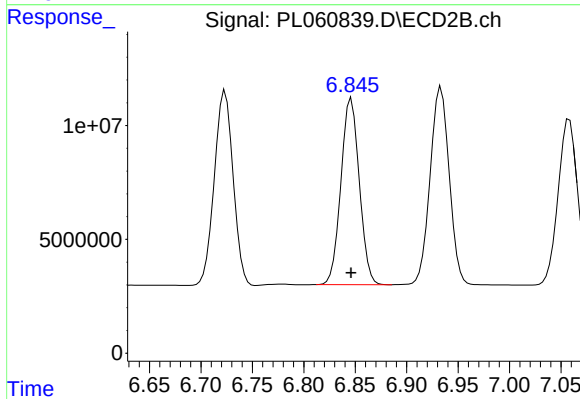
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 112370315  
Conc: 43.08 ng/ml



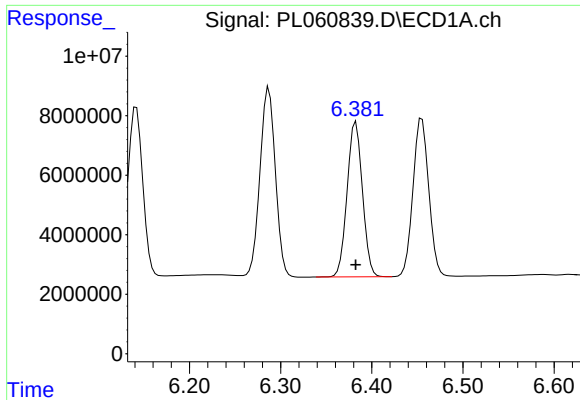
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 65584946  
Conc: 51.19 ng/ml



#16 4,4'-DDD

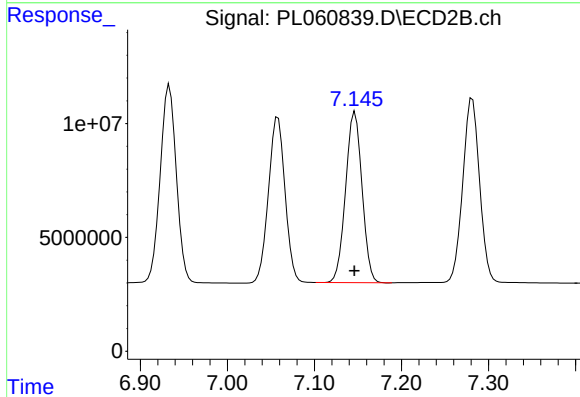
R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 101767304  
Conc: 43.63 ng/ml



#17 4,4'-DDT

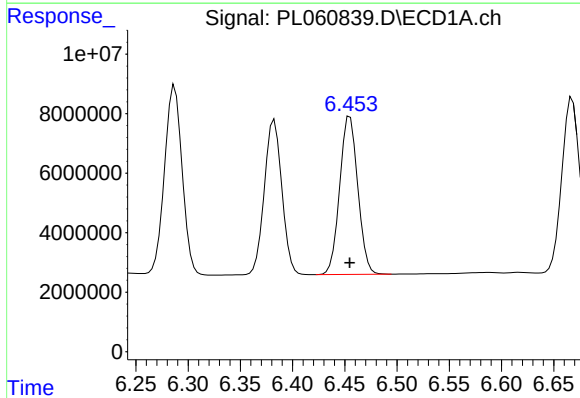
R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 60832965  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



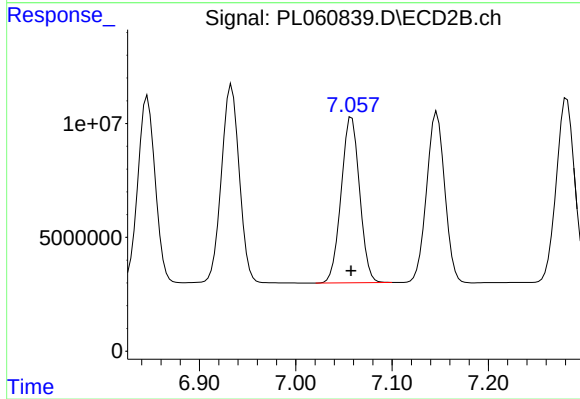
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 98259967  
Conc: 45.28 ng/ml



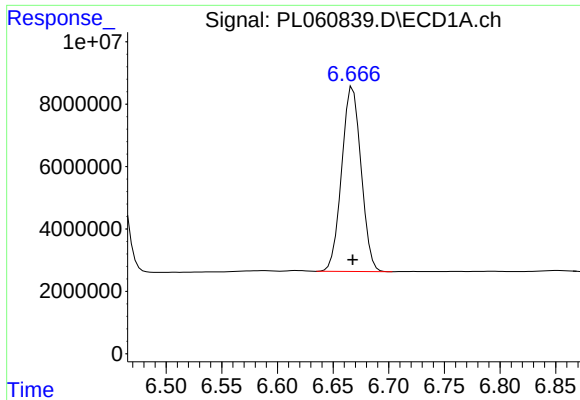
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 63986473  
Conc: 49.62 ng/ml



#18 Endrin aldehyde

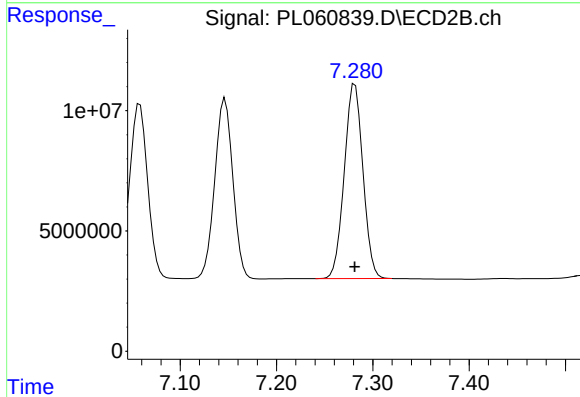
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 96665214  
Conc: 44.67 ng/ml



#19 Endosulfan Sulfate

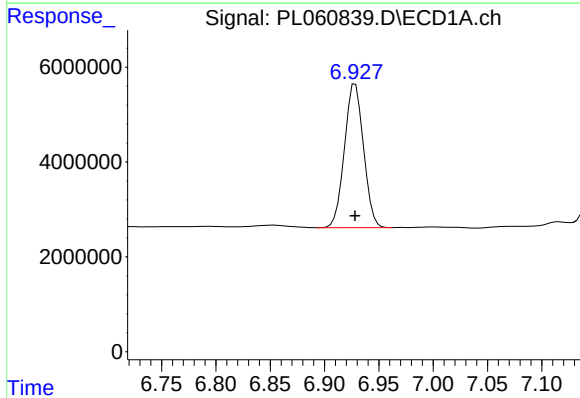
R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 71865712  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



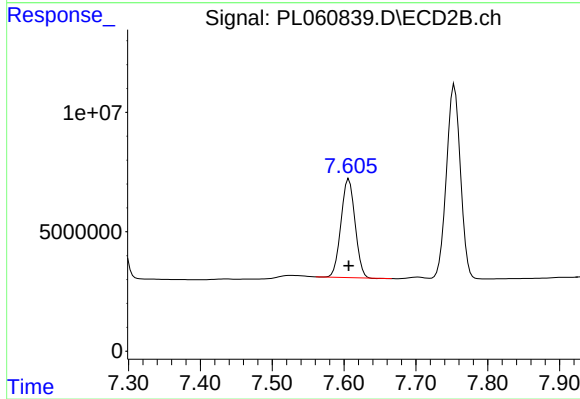
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 108534813  
Conc: 45.75 ng/ml



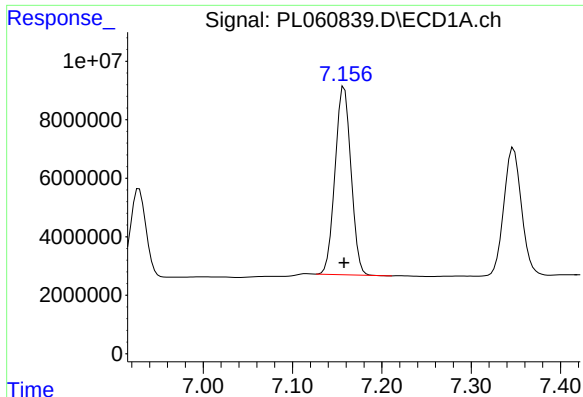
#20 Methoxychlor

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 37065723  
Conc: 48.97 ng/ml



#20 Methoxychlor

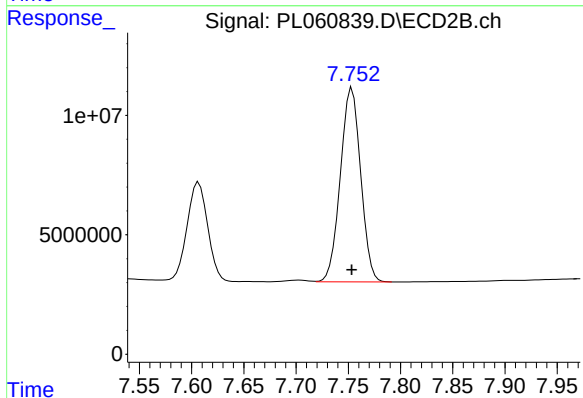
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 56078587  
Conc: 44.81 ng/ml



#21 Endrin ketone

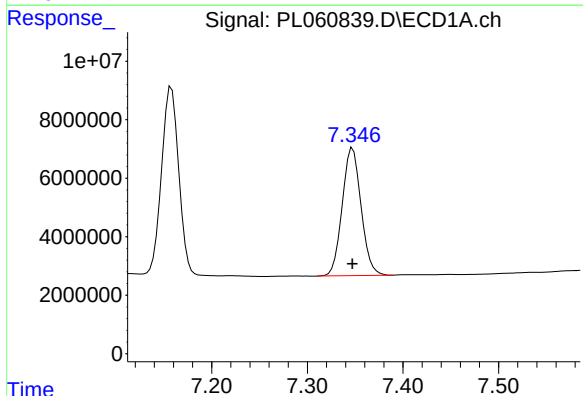
R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 79593575  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



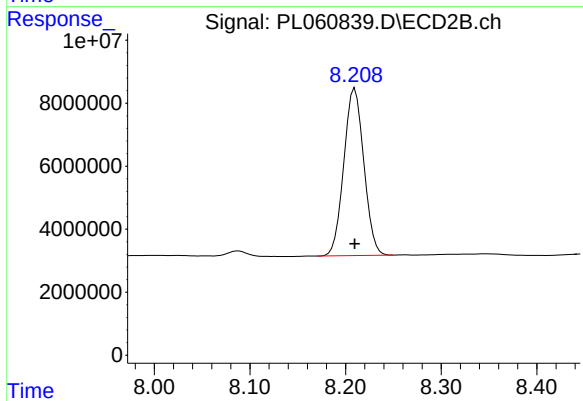
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 109779132  
Conc: 47.63 ng/ml



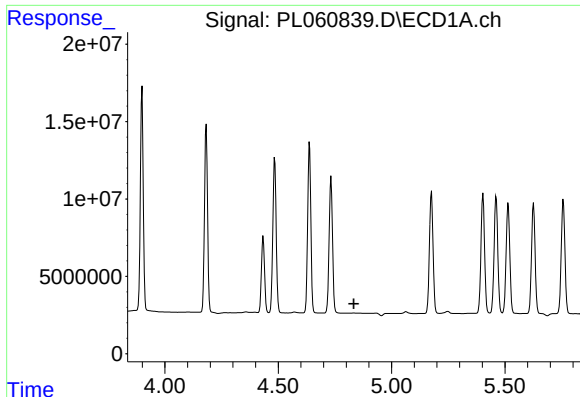
#22 Mirex

R.T.: 7.347 min  
Delta R.T.: 0.000 min  
Response: 60072470  
Conc: 50.18 ng/ml



#22 Mirex

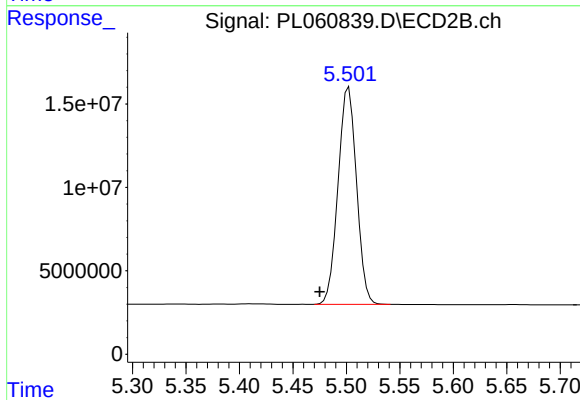
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 77504138  
Conc: 47.98 ng/ml



#24 Chlordane-2

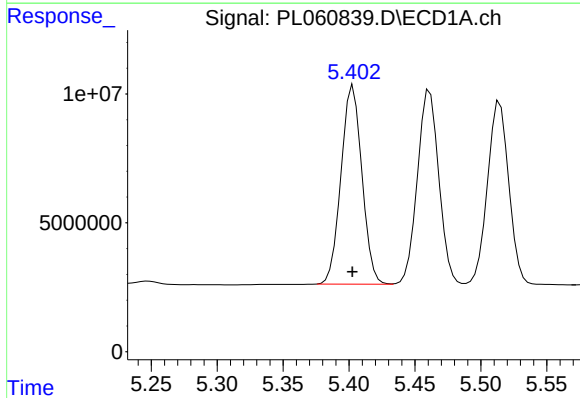
R.T.: 0.000 min  
Exp R.T.: 4.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



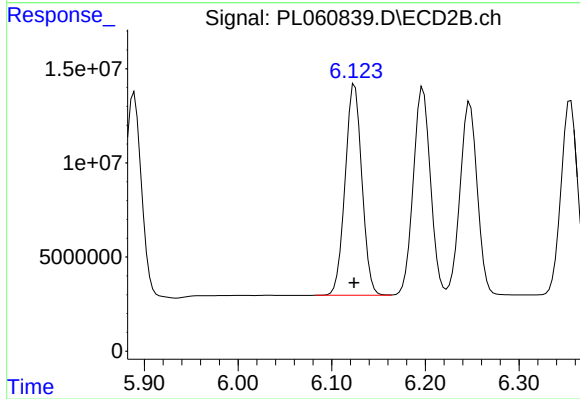
#24 Chlordane-2

R.T.: 5.502 min  
Delta R.T.: 0.027 min  
Response: 156564198  
Conc: 1453.73 ng/ml



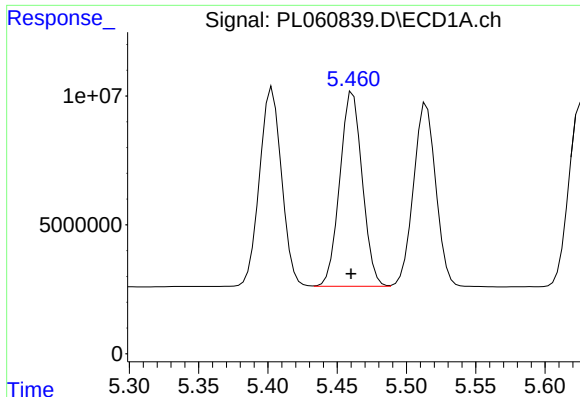
#25 Chlordane-3

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 85036221  
Conc: 608.68 ng/ml



#25 Chlordane-3

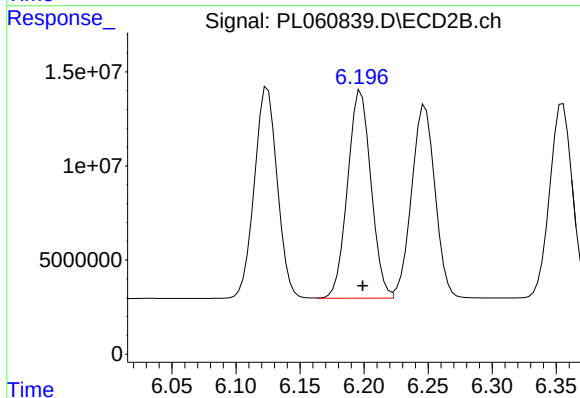
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 139586834  
Conc: 346.15 ng/ml



#26 Chlordane-4

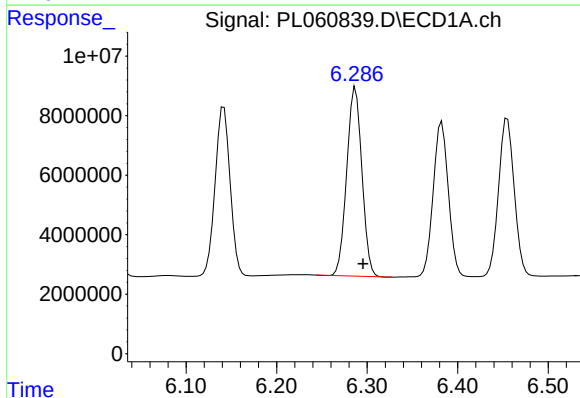
R.T.: 5.461 min  
Delta R.T.: 0.001 min  
Response: 85189730  
Conc: 743.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



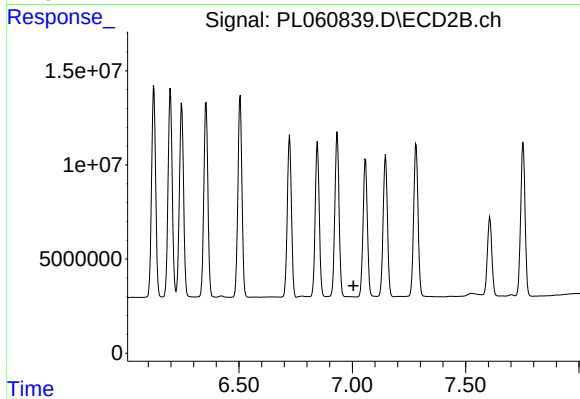
#26 Chlordane-4

R.T.: 6.197 min  
Delta R.T.: -0.001 min  
Response: 140443069  
Conc: 284.98 ng/ml



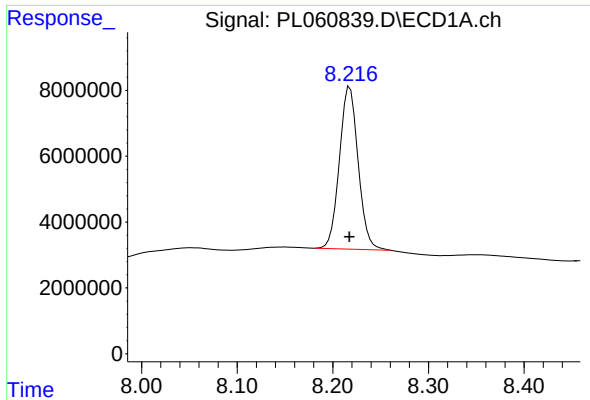
#27 Chlordane-5

R.T.: 6.287 min  
Delta R.T.: -0.008 min  
Response: 74173659  
Conc: 1488.17 ng/ml



#27 Chlordane-5

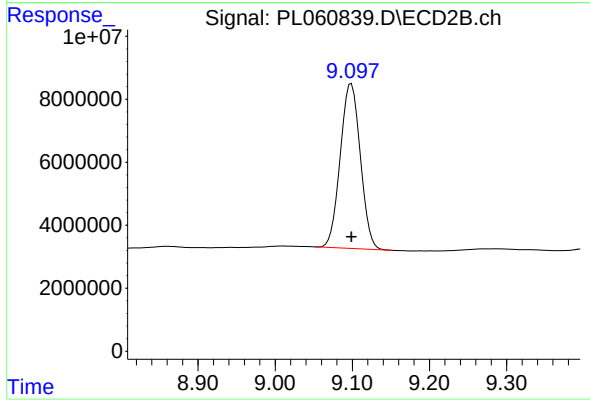
R.T.: 0.000 min  
Exp R.T.: 7.005 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.218 min  
Delta R.T.: 0.000 min  
Response: 67314827  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: 0.000 min  
Response: 94484184  
Conc: 46.75 ng/ml