

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081320\  
 Data File : PL060706.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2020 17:32  
 Operator : DD\AJ  
 Sample : L3659-07MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 01:59:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 11 01:39:18 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... | 3.464  | 4.011  | 39372942 | 52270787 | 21.002   | 19.657     |
| 28)                         | SA Decachlor... | 8.220  | 9.098  | 29131071 | 34111974 | 15.960   | 18.181     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.900  | 4.401  | 132.8E6  | 177.3E6  | 45.815   | 43.178     |
| 3)                          | MA gamma-BHC... | 4.184  | 4.686  | 118.4E6  | 160.6E6  | 44.684   | 41.847     |
| 4)                          | MA Heptachlor   | 4.486  | 5.197  | 112.7E6  | 149.4E6  | 45.346   | 42.231     |
| 5)                          | MB Aldrin       | 4.734  | 5.503  | 98526912 | 134.9E6  | 45.017   | 41.096     |
| 6)                          | B beta-BHC      | 4.435  | 4.857  | 52185873 | 72451047 | 48.254   | 45.225     |
| 7)                          | B delta-BHC     | 4.639  | 5.075  | 115.0E6  | 128.0E6  | 46.585   | 47.077     |
| 8)                          | B Heptachlo...  | 5.178  | 5.891  | 93601630 | 116.6E6  | 44.270   | 45.692     |
| 9)                          | A Endosulfan I  | 5.516  | 6.248  | 86245271 | 115.0E6  | 43.750   | 40.604     |
| 10)                         | B gamma-Chl...  | 5.405  | 6.126  | 93343417 | 122.2E6  | 44.025   | 40.435     |
| 11)                         | B alpha-Chl...  | 5.463  | 6.199  | 91825275 | 124.7E6  | 43.270   | 40.553     |
| 12)                         | B 4,4'-DDE      | 5.628  | 6.357  | 754.4E6  | 964.7E6  | 380.475  | 338.905    |
| 13)                         | MA Dieldrin     | 5.759  | 6.506  | 117.0E6  | 141.6E6  | 56.565   | 48.560     |
| 14)                         | MA Endrin       | 6.016  | 6.725  | 115.6E6  | 95749095 | 59.192   | 37.839 #   |
| 15)                         | B Endosulfa...  | 6.289  | 6.934  | 79255081 | 100.1E6  | 40.896   | 38.392     |
| 16)                         | A 4,4'-DDD      | 6.144  | 6.847  | 77838439 | 104.2E6  | 46.232   | 45.407     |
| 17)                         | MA 4,4'-DDT     | 6.384  | 7.147  | 471.5E6  | 564.2E6  | 285.271  | 258.079    |
| 18)                         | B Endrin al...  | 6.457  | 7.059  | 75090218 | 81795883 | 45.000   | 37.678     |
| 19)                         | B Endosulfa...  | 6.688f | 7.282  | 2101.8E6 | 96036589 | 1121.116 | 39.966 #   |
| 20)                         | A Methoxychlor  | 6.930  | 7.607  | 40716179 | 47839650 | 40.371   | 37.972     |
| 21)                         | B Endrin ke...  | 7.160  | 7.754  | 88320998 | 100.8E6  | 42.770   | 41.363     |
| 22)                         | Mirex           | 7.349  | 8.210  | 65713379 | 69230004 | 43.703   | 43.290     |
| 24)                         | Chlordane-2     | 0.000  | 5.503f | 0        | 134.9E6  | N.D.     | 1367.607 # |
| 25)                         | Chlordane-3     | 5.405  | 6.126  | 93343417 | 122.2E6  | 532.612  | 337.593 #  |
| 26)                         | Chlordane-4     | 5.463  | 6.199  | 91825275 | 124.7E6  | 656.799  | 287.589 #  |
| 27)                         | Chlordane-5     | 6.289  | 0.000  | 79255081 | 0        | 1235.270 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

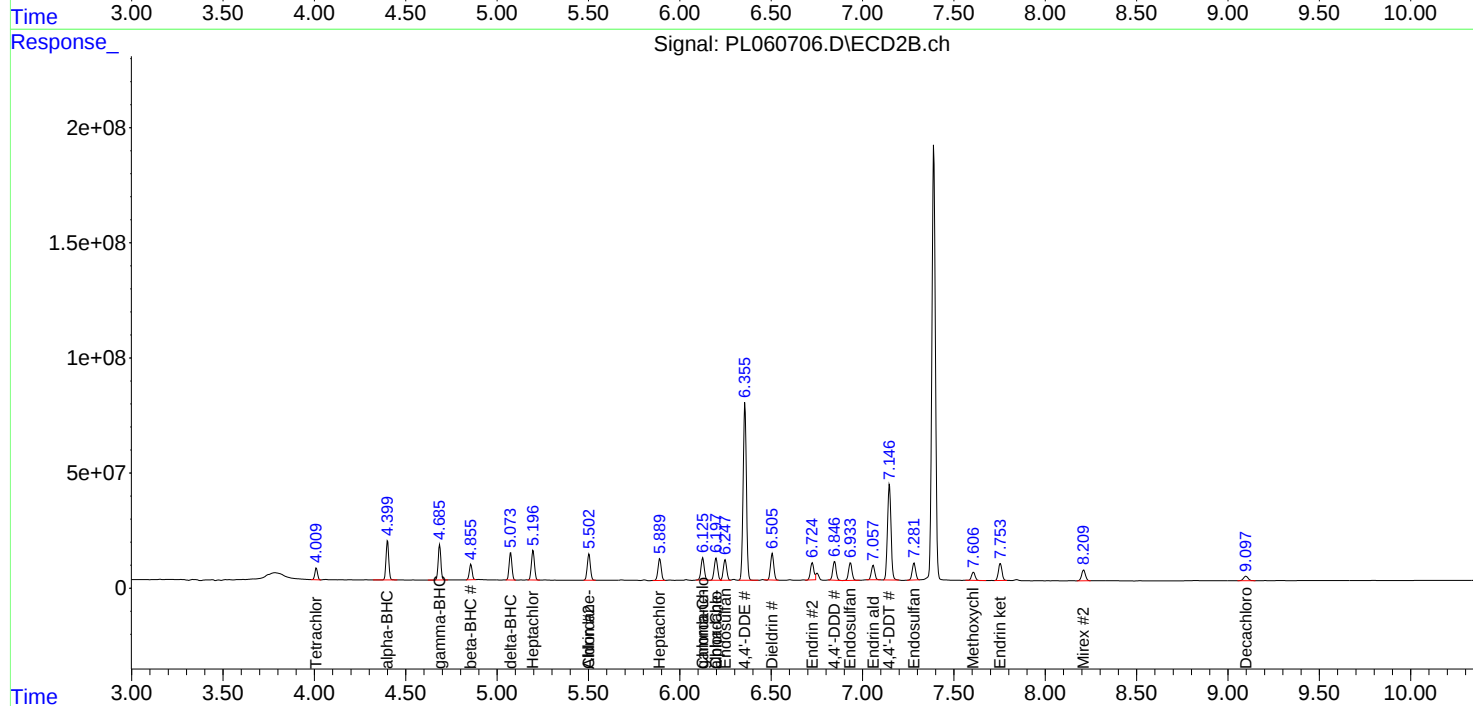
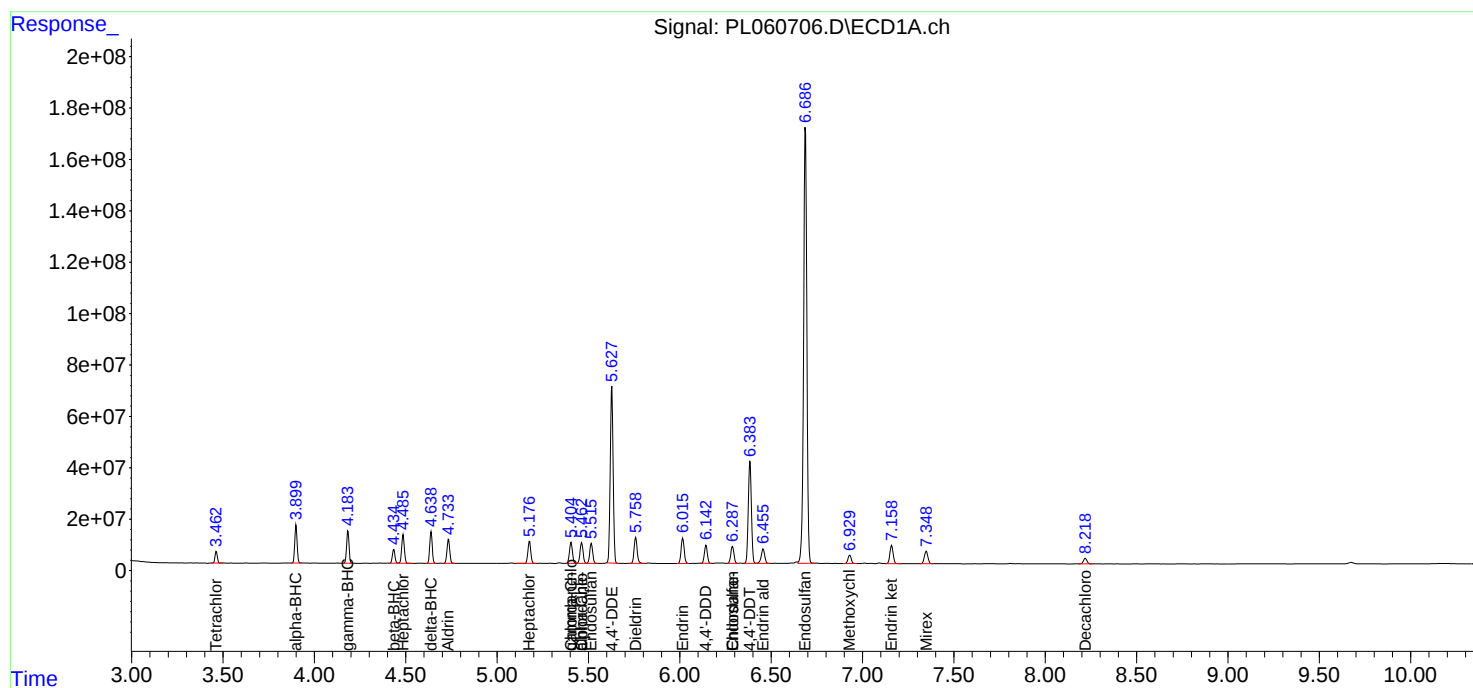
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

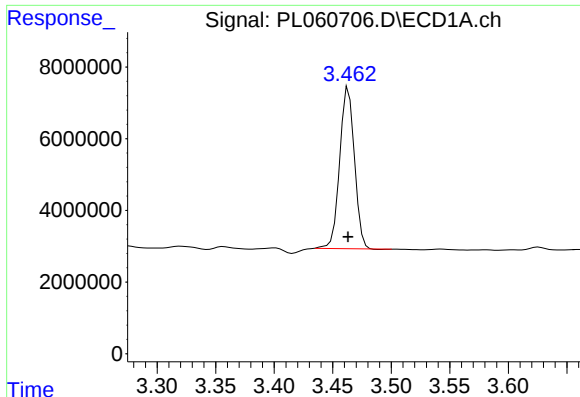
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081320\  
Data File : PL060706.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2020 17:32  
Operator : DD\AJ  
Sample : L3659-07MSD  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 01:59:51 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 11 01:39:18 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

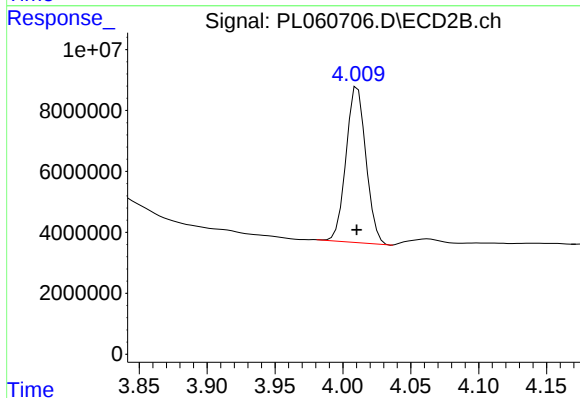




#1 Tetrachloro-m-xylene

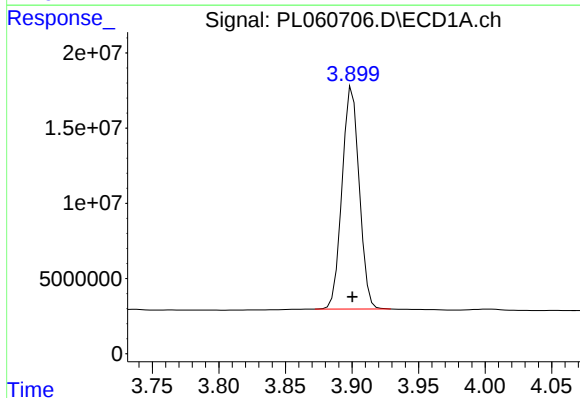
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 39372942  
Conc: 21.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



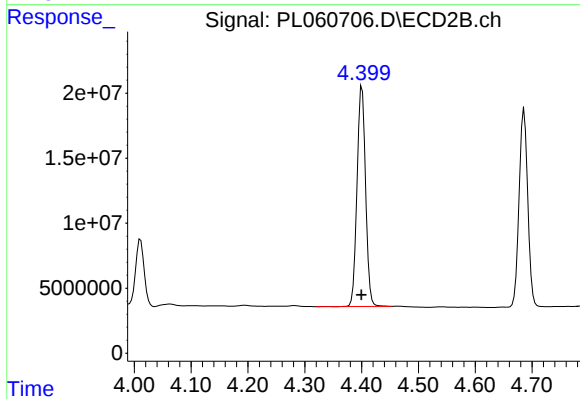
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 52270787  
Conc: 19.66 ng/ml



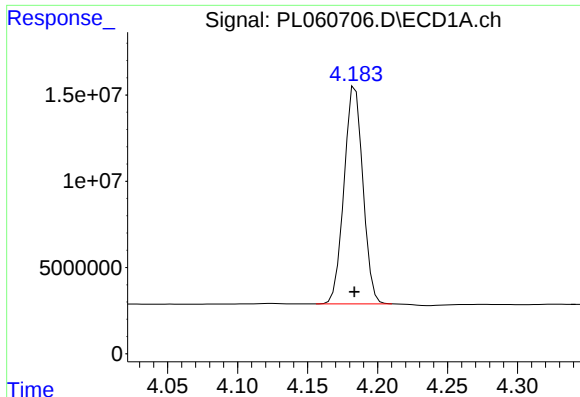
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 132779435  
Conc: 45.81 ng/ml



#2 alpha-BHC

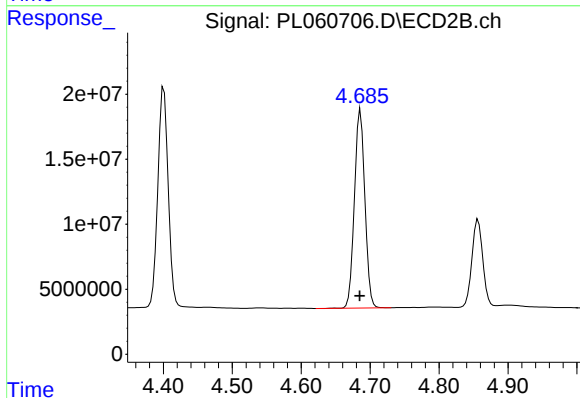
R.T.: 4.401 min  
Delta R.T.: 0.001 min  
Response: 177344121  
Conc: 43.18 ng/ml



#3 gamma-BHC (Lindane)

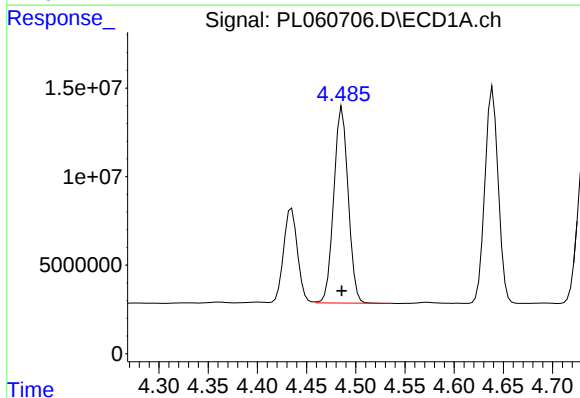
R.T.: 4.184 min  
Delta R.T.: 0.000 min  
Response: 118363579  
Conc: 44.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



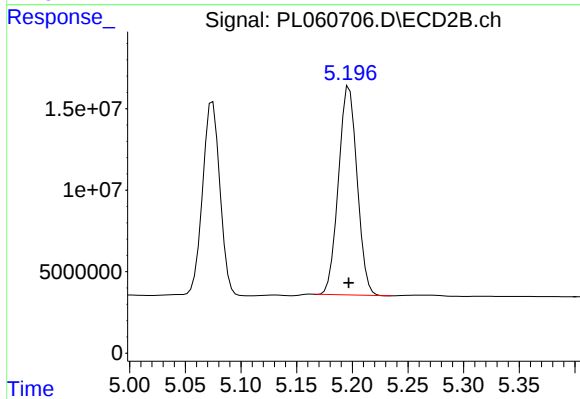
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 160627822  
Conc: 41.85 ng/ml



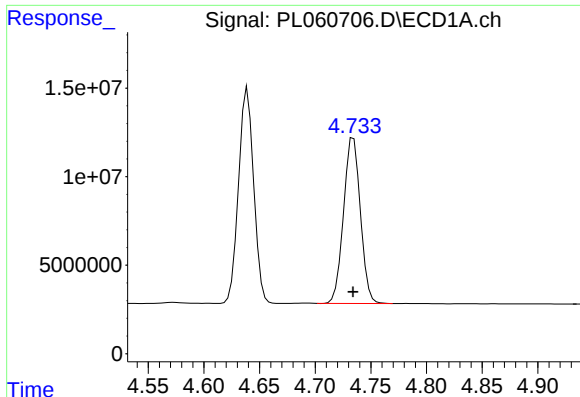
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 112721680  
Conc: 45.35 ng/ml



#4 Heptachlor

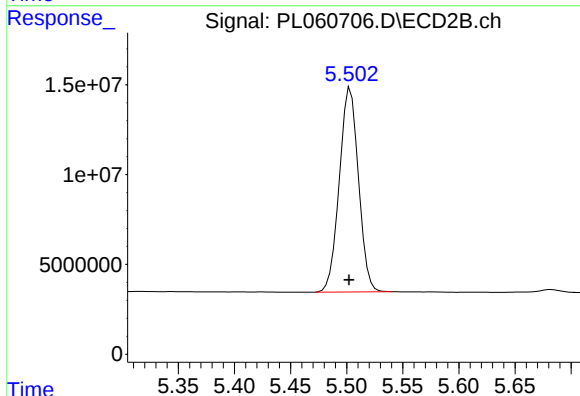
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 149380602  
Conc: 42.23 ng/ml



#5 Aldrin

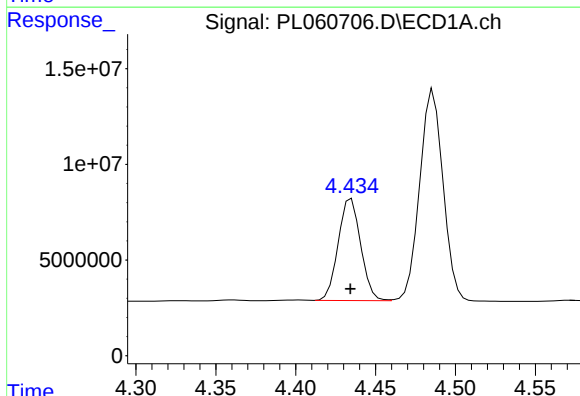
R.T.: 4.734 min  
Delta R.T.: 0.000 min  
Response: 98526912  
Conc: 45.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



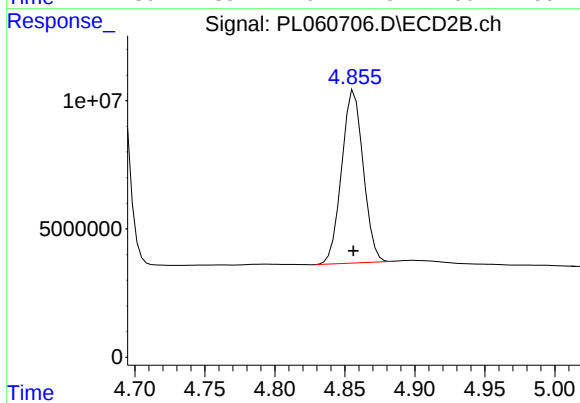
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.001 min  
Response: 134884836  
Conc: 41.10 ng/ml



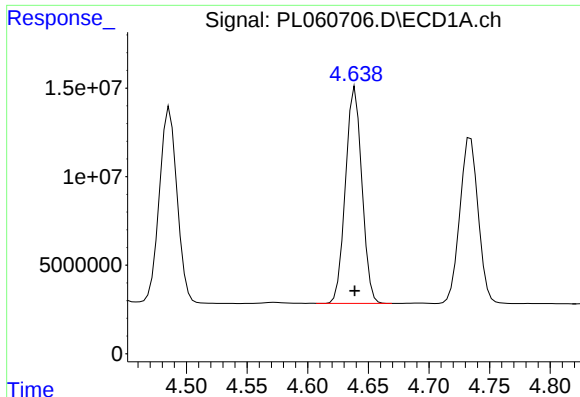
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 52185873  
Conc: 48.25 ng/ml



#6 beta-BHC

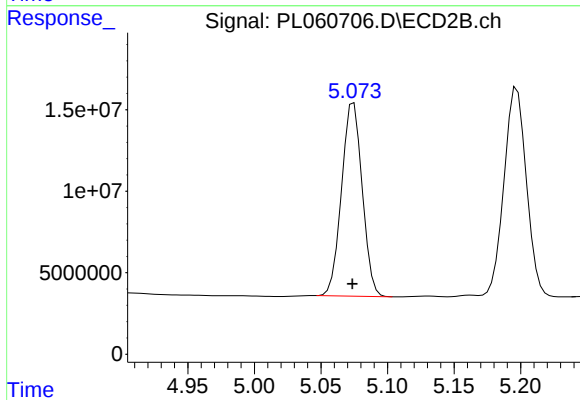
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 72451047  
Conc: 45.22 ng/ml



#7 delta-BHC

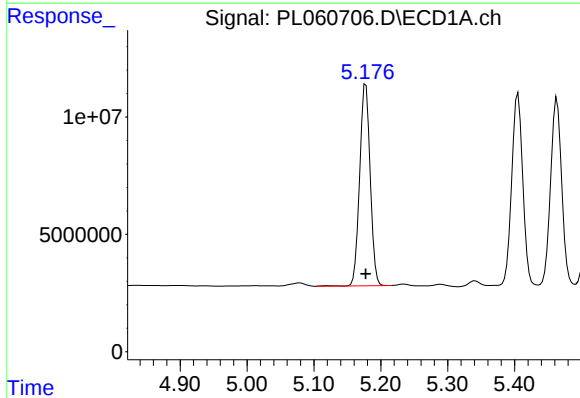
R.T.: 4.639 min  
Delta R.T.: 0.000 min  
Response: 115034923  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



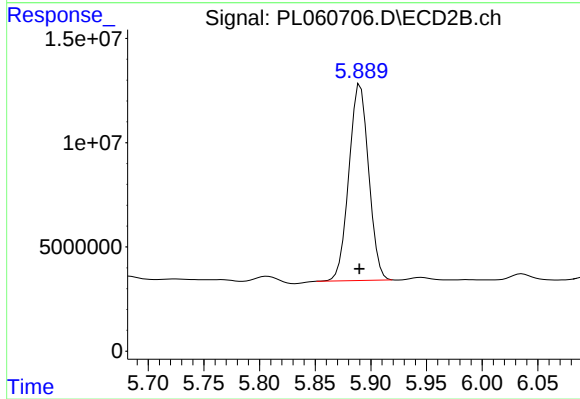
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 127987430  
Conc: 47.08 ng/ml



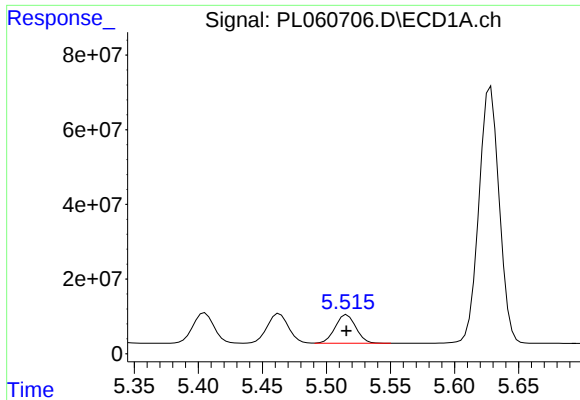
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: 0.000 min  
Response: 93601630  
Conc: 44.27 ng/ml



#8 Heptachlor epoxide

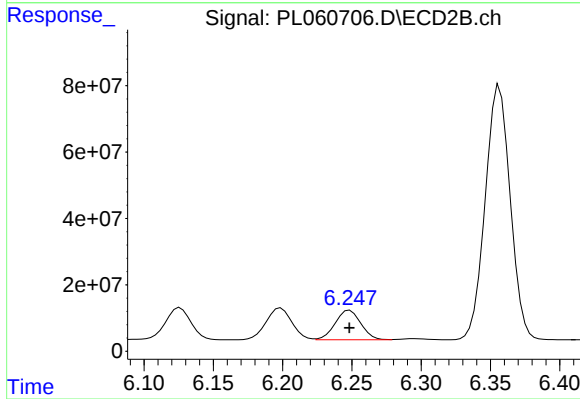
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 116605023  
Conc: 45.69 ng/ml



#9 Endosulfan I

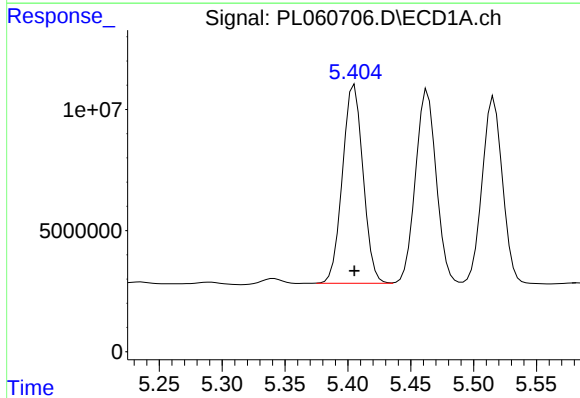
R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 86245271  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



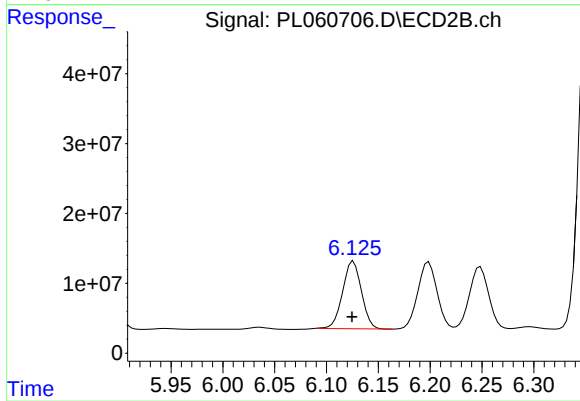
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 115002324  
Conc: 40.60 ng/ml



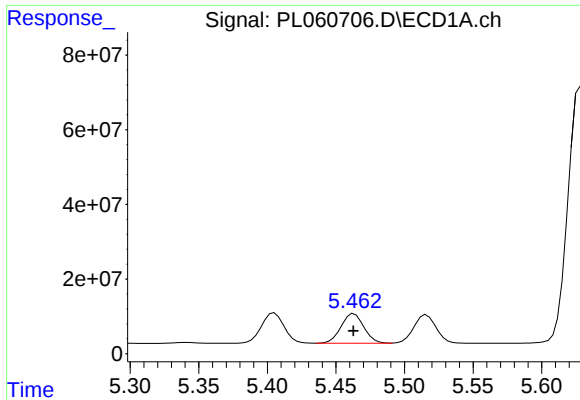
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 93343417  
Conc: 44.03 ng/ml



#10 gamma-Chlordane

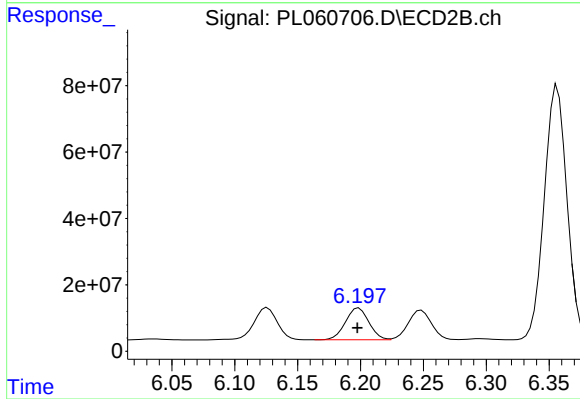
R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 122244948  
Conc: 40.43 ng/ml



#11 alpha-Chlordane

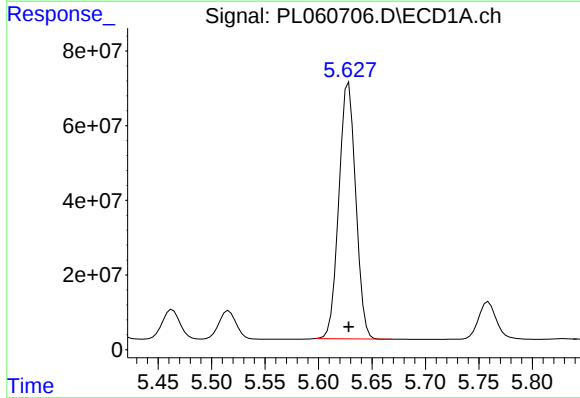
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 91825275  
Conc: 43.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



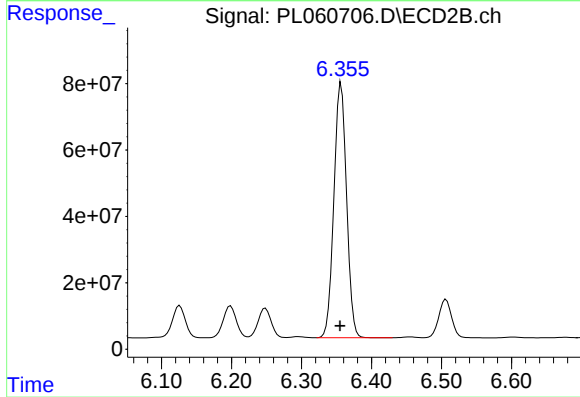
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.001 min  
Response: 124669461  
Conc: 40.55 ng/ml



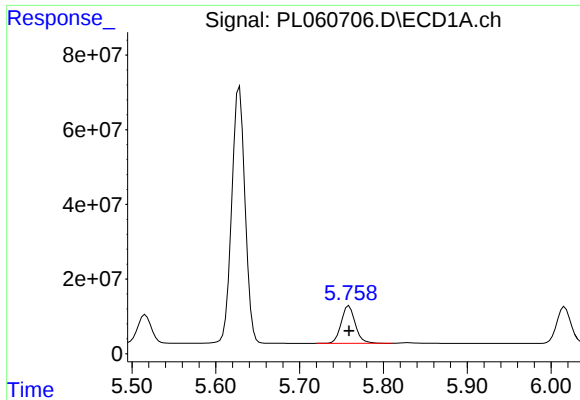
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 754382209  
Conc: 380.48 ng/ml



#12 4,4'-DDE

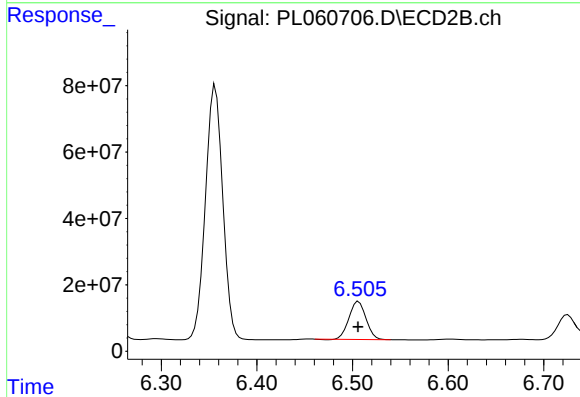
R.T.: 6.357 min  
Delta R.T.: 0.001 min  
Response: 964736738  
Conc: 338.90 ng/ml



#13 Dieldrin

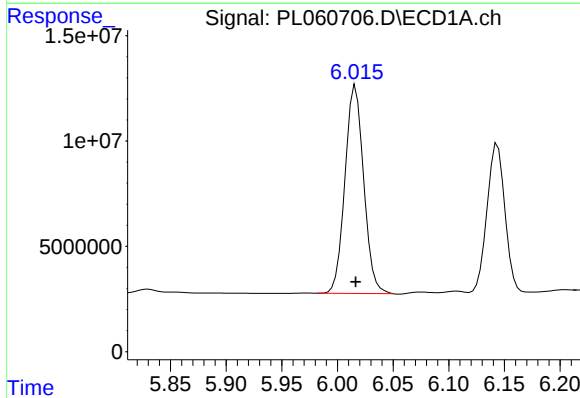
R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 116956356  
Conc: 56.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



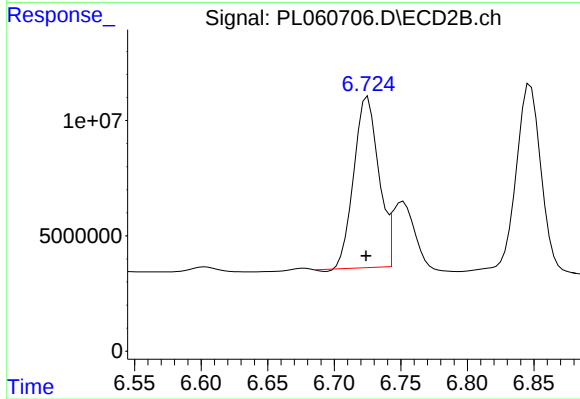
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 141590033  
Conc: 48.56 ng/ml



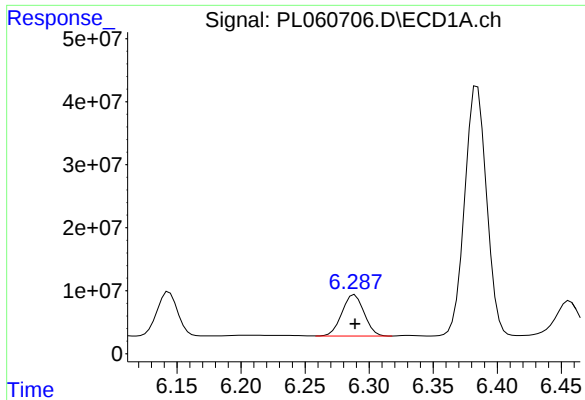
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 115589458  
Conc: 59.19 ng/ml



#14 Endrin

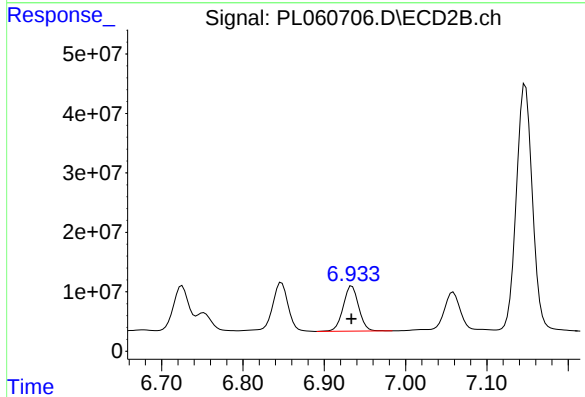
R.T.: 6.725 min  
Delta R.T.: 0.001 min  
Response: 95749095  
Conc: 37.84 ng/ml



#15 Endosulfan II

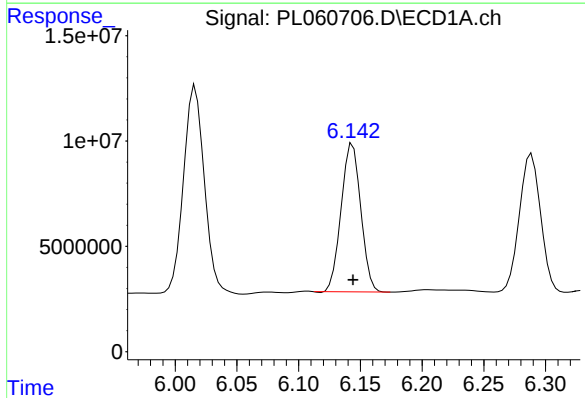
R.T.: 6.289 min  
Delta R.T.: 0.000 min  
Response: 79255081  
Conc: 40.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



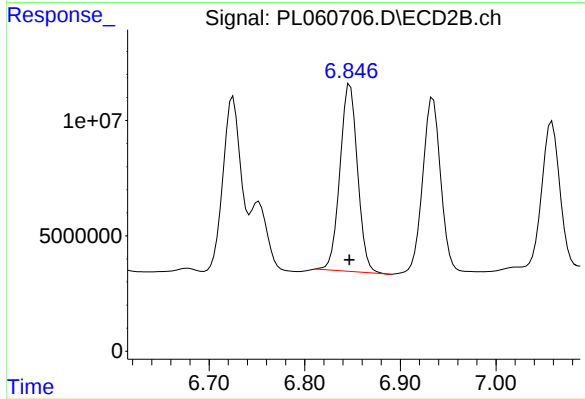
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 100143090  
Conc: 38.39 ng/ml



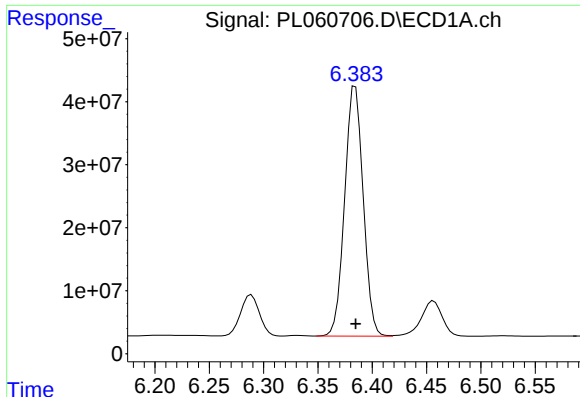
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 77838439  
Conc: 46.23 ng/ml



#16 4,4'-DDD

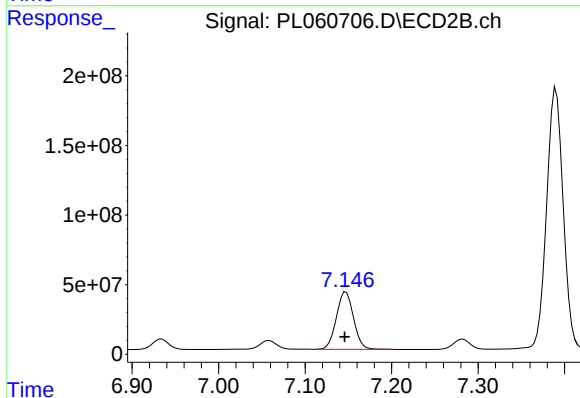
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 104192570  
Conc: 45.41 ng/ml



#17 4,4'-DDT

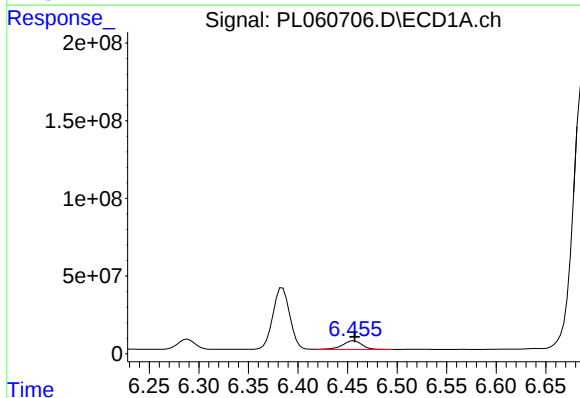
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 471549400  
Conc: 285.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



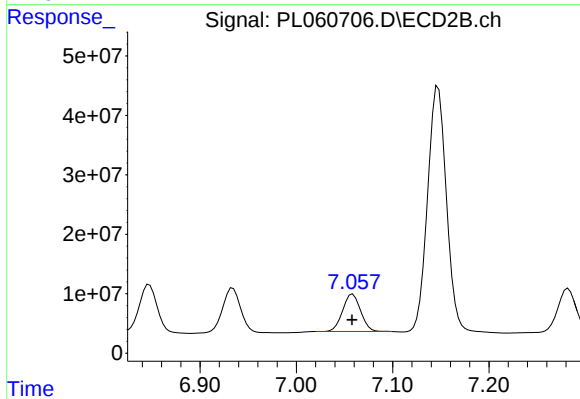
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.001 min  
Response: 564161257  
Conc: 258.08 ng/ml



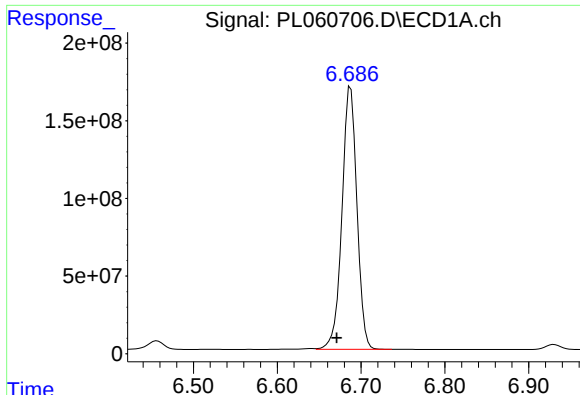
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 75090218  
Conc: 45.00 ng/ml



#18 Endrin aldehyde

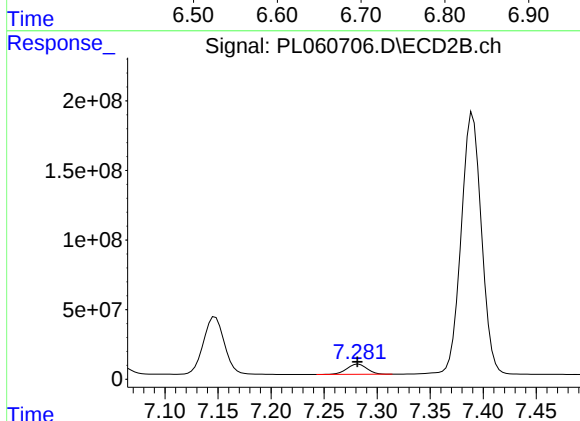
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 81795883  
Conc: 37.68 ng/ml



#19 Endosulfan Sulfate

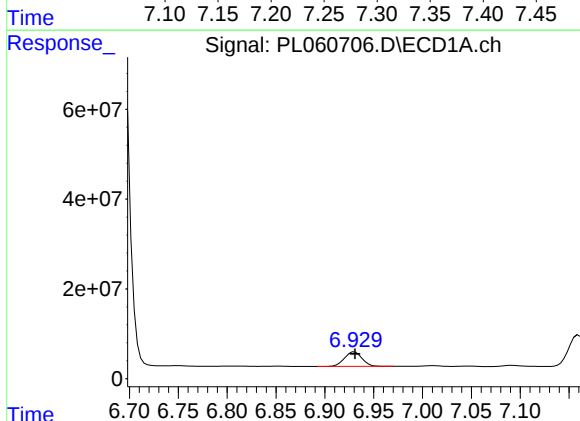
R.T.: 6.688 min  
Delta R.T.: 0.017 min  
Response: 2101844922  
Conc: 1121.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



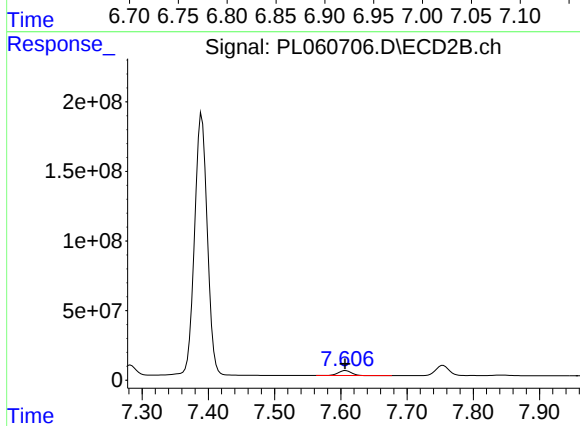
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 96036589  
Conc: 39.97 ng/ml



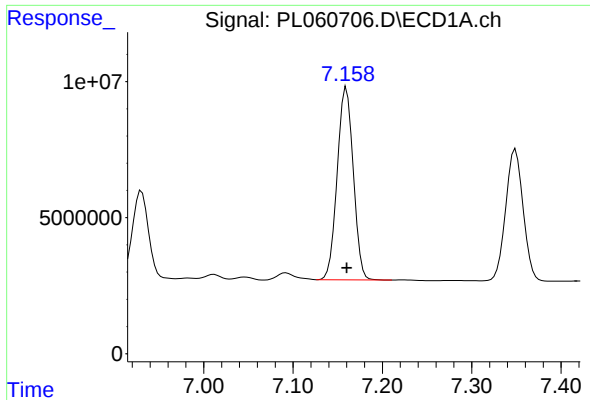
#20 Methoxychlor

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 40716179  
Conc: 40.37 ng/ml



#20 Methoxychlor

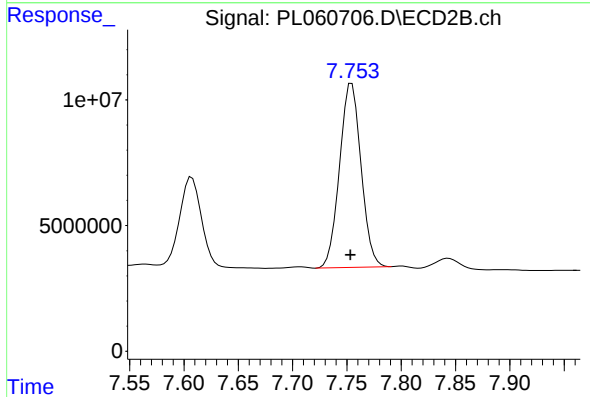
R.T.: 7.607 min  
Delta R.T.: 0.001 min  
Response: 47839650  
Conc: 37.97 ng/ml



#21 Endrin ketone

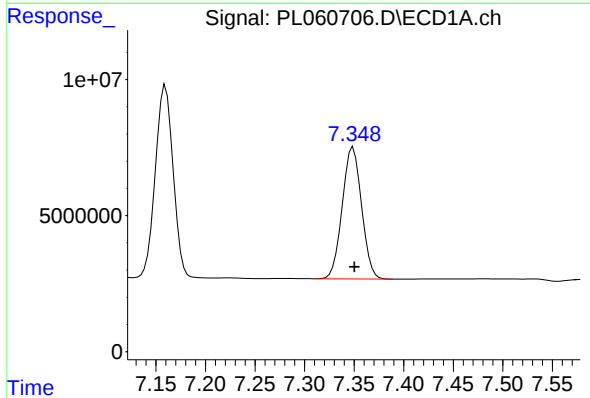
R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 88320998  
Conc: 42.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



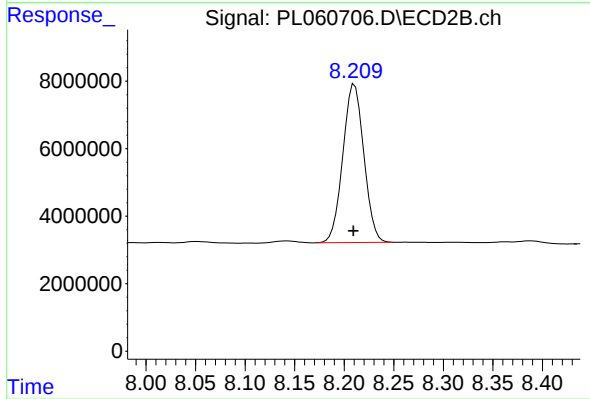
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.001 min  
Response: 100797013  
Conc: 41.36 ng/ml



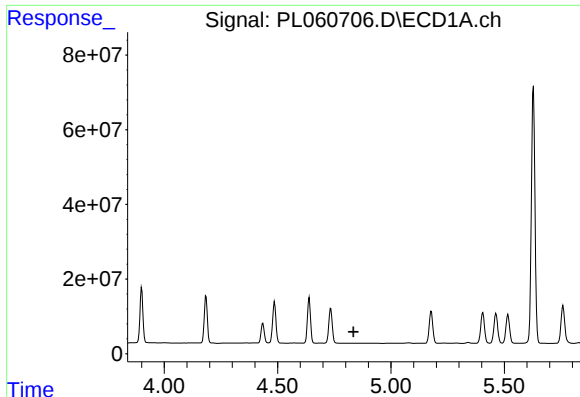
#22 Mirex

R.T.: 7.349 min  
Delta R.T.: -0.001 min  
Response: 65713379  
Conc: 43.70 ng/ml



#22 Mirex

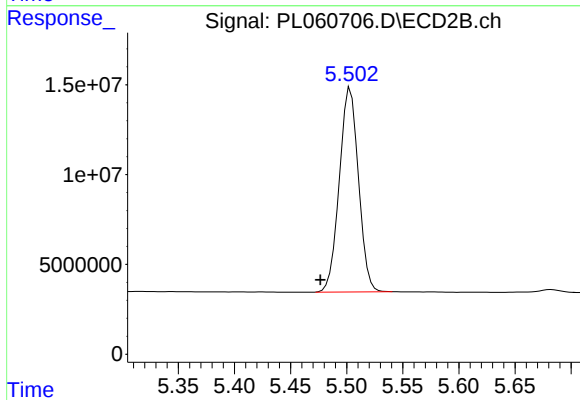
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 69230004  
Conc: 43.29 ng/ml



#24 Chlordane-2

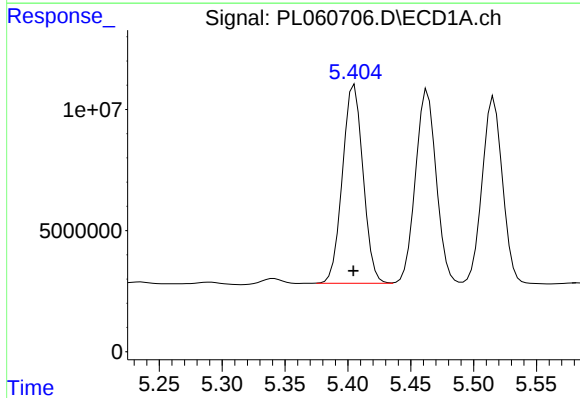
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



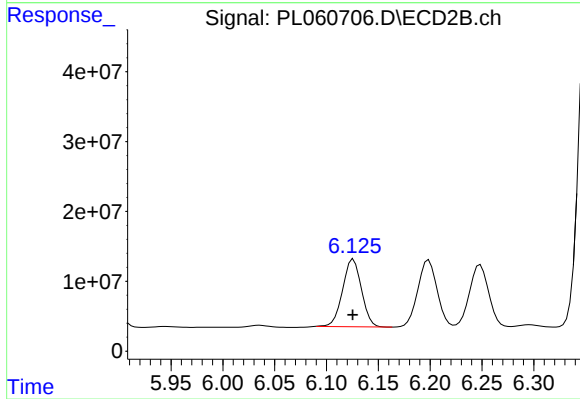
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.027 min  
Response: 134884836  
Conc: 1367.61 ng/ml



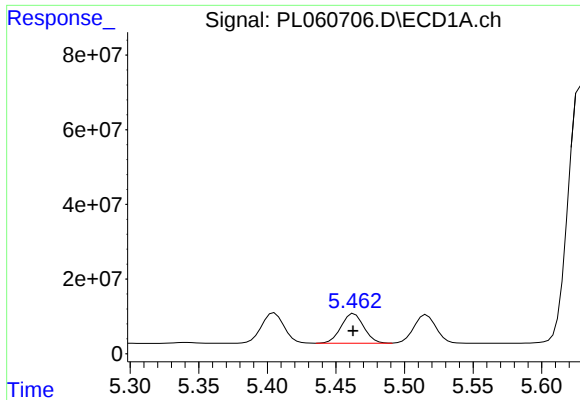
#25 Chlordane-3

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 93343417  
Conc: 532.61 ng/ml



#25 Chlordane-3

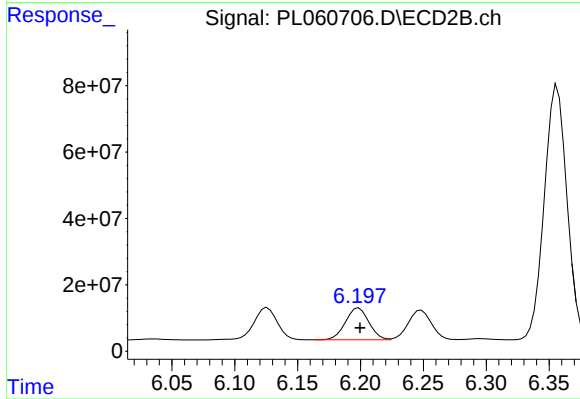
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 122244948  
Conc: 337.59 ng/ml



#26 Chlordane-4

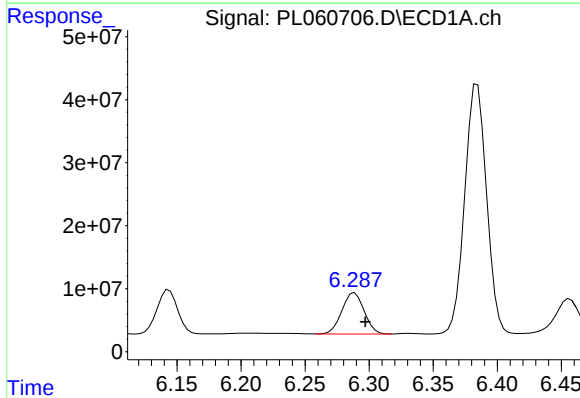
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 91825275  
Conc: 656.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



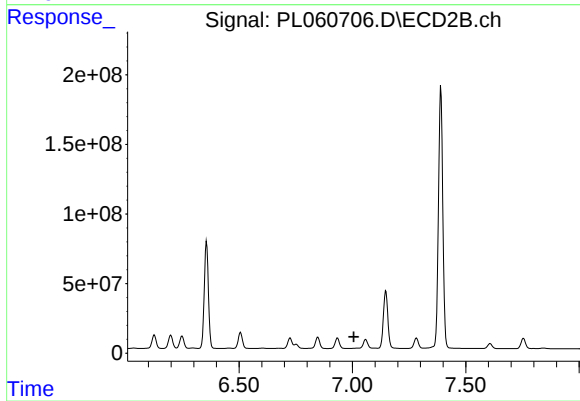
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 124669461  
Conc: 287.59 ng/ml



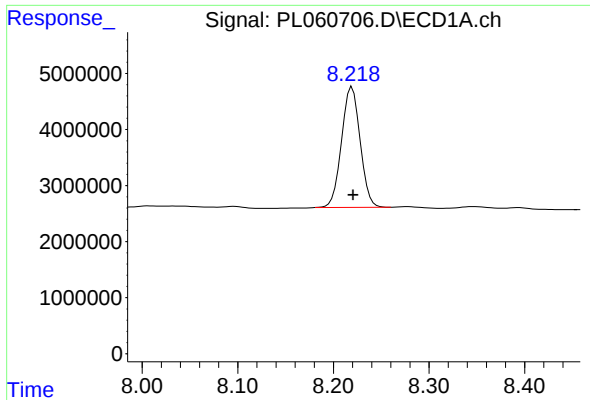
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.008 min  
Response: 79255081  
Conc: 1235.27 ng/ml



#27 Chlordane-5

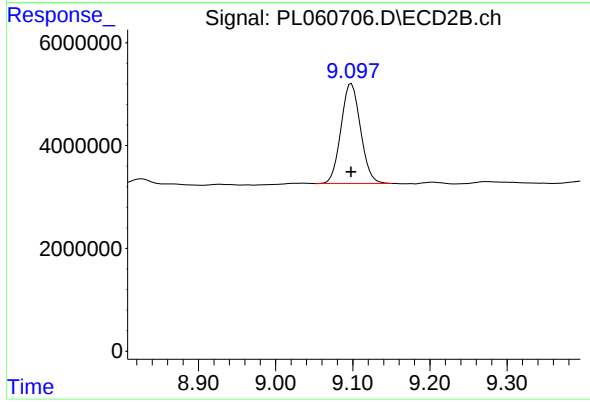
R.T.: 0.000 min  
Exp R.T. : 7.006 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.220 min  
Delta R.T.: 0.000 min  
Response: 29131071  
Conc: 15.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: 0.000 min  
Response: 34111974  
Conc: 18.18 ng/ml