

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
 Data File : PL061113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2020 20:46  
 Operator : DD\AJ  
 Sample : L3848-17MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 02:28:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 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... | 3.461 | 4.009  | 27351737 | 40368549 | 14.822   | 15.532     |
| 28)                         | SA Decachlor... | 8.214 | 9.096  | 20169267 | 29244684 | 11.973   | 13.860     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.897 | 4.399  | 117.5E6  | 169.5E6  | 41.546   | 41.718     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.684  | 105.9E6  | 153.3E6  | 41.493   | 40.747     |
| 4)                          | MA Heptachlor   | 4.482 | 5.195  | 101.1E6  | 152.9E6  | 43.059   | 41.794     |
| 5)                          | MB Aldrin       | 4.730 | 5.502  | 88074711 | 135.1E6  | 42.210   | 40.084     |
| 6)                          | B beta-BHC      | 4.432 | 4.856  | 45227347 | 66017916 | 44.276   | 44.328     |
| 7)                          | B delta-BHC     | 4.635 | 5.073  | 70251350 | 82768225 | 29.565   | 30.132     |
| 8)                          | B Heptachlo...  | 5.173 | 5.889  | 84615797 | 115.7E6  | 42.918   | 44.238     |
| 9)                          | A Endosulfan I  | 5.512 | 6.247  | 76390363 | 112.6E6  | 42.039   | 39.173     |
| 10)                         | B gamma-Chl...  | 5.400 | 6.124  | 82720579 | 123.0E6  | 42.098   | 39.590     |
| 11)                         | B alpha-Chl...  | 5.459 | 6.197  | 82147102 | 123.0E6  | 42.090   | 39.573     |
| 12)                         | B 4,4'-DDE      | 5.624 | 6.354  | 75531696 | 110.5E6  | 41.049   | 38.245     |
| 13)                         | MA Dieldrin     | 5.754 | 6.504  | 79119844 | 113.8E6  | 41.112   | 38.097     |
| 14)                         | MA Endrin       | 6.011 | 6.722  | 73394515 | 96108904 | 40.357   | 37.840     |
| 15)                         | B Endosulfa...  | 6.284 | 6.933  | 71176011 | 97601875 | 39.875   | 37.941     |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.846  | 61653822 | 86778750 | 39.000   | 37.159     |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.146  | 60516156 | 83878294 | 40.035   | 36.422     |
| 18)                         | B Endrin al...  | 6.452 | 7.057  | 60899036 | 82540787 | 40.218   | 37.835     |
| 19)                         | B Endosulfa...  | 6.665 | 7.281  | 65547864 | 89759091 | 38.276   | 37.034     |
| 20)                         | A Methoxychlor  | 6.926 | 7.606  | 34916493 | 49715511 | 38.896   | 38.455     |
| 21)                         | B Endrin ke...  | 7.155 | 7.753  | 73514098 | 97735221 | 38.084   | 39.267     |
| 22)                         | Mirex           | 7.344 | 8.208  | 57255403 | 72830648 | 40.200   | 41.856     |
| 24)                         | Chlordane-2     | 0.000 | 5.502f | 0        | 135.1E6  | N.D.     | 1312.745 # |
| 25)                         | Chlordane-3     | 5.400 | 6.124  | 82720579 | 123.0E6  | 458.330  | 307.653 #  |
| 26)                         | Chlordane-4     | 5.459 | 6.197  | 82147102 | 123.0E6  | 552.487  | 255.925 #  |
| 27)                         | Chlordane-5     | 6.284 | 0.000  | 71176011 | 0        | 1137.439 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

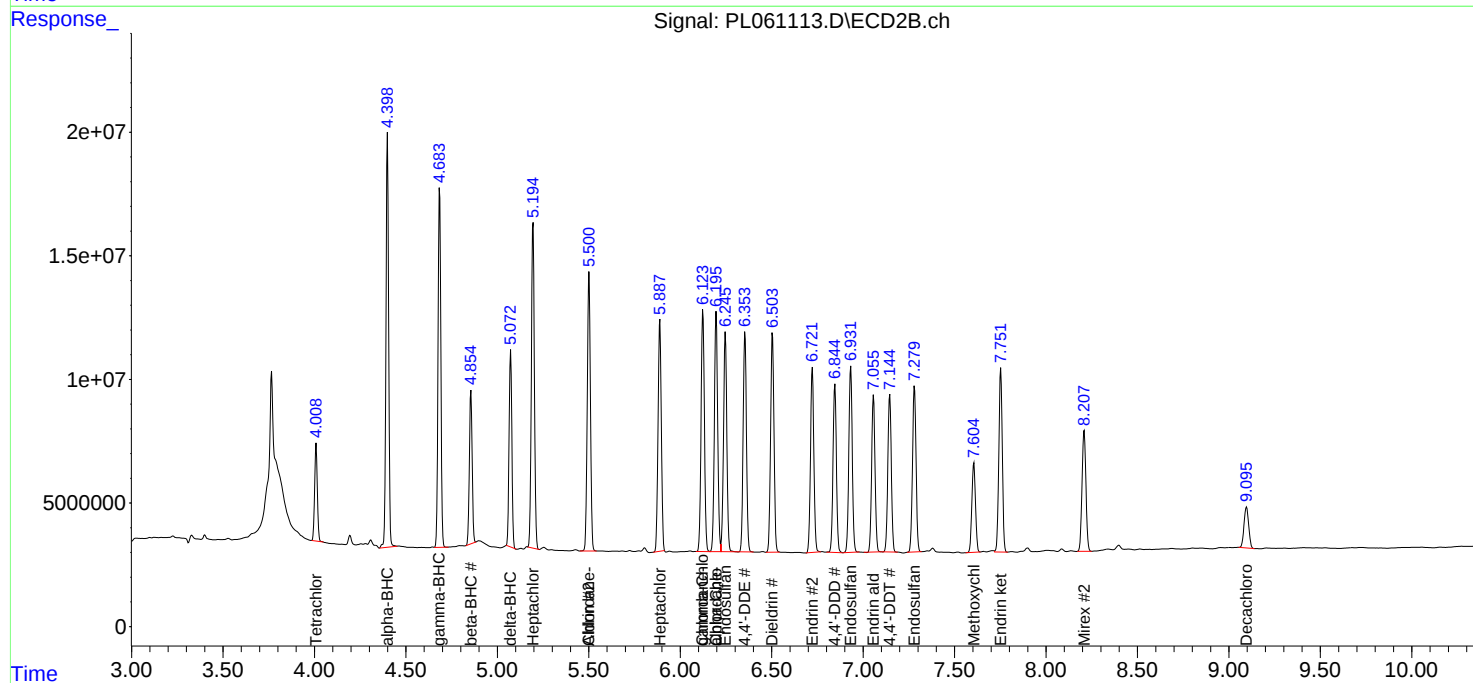
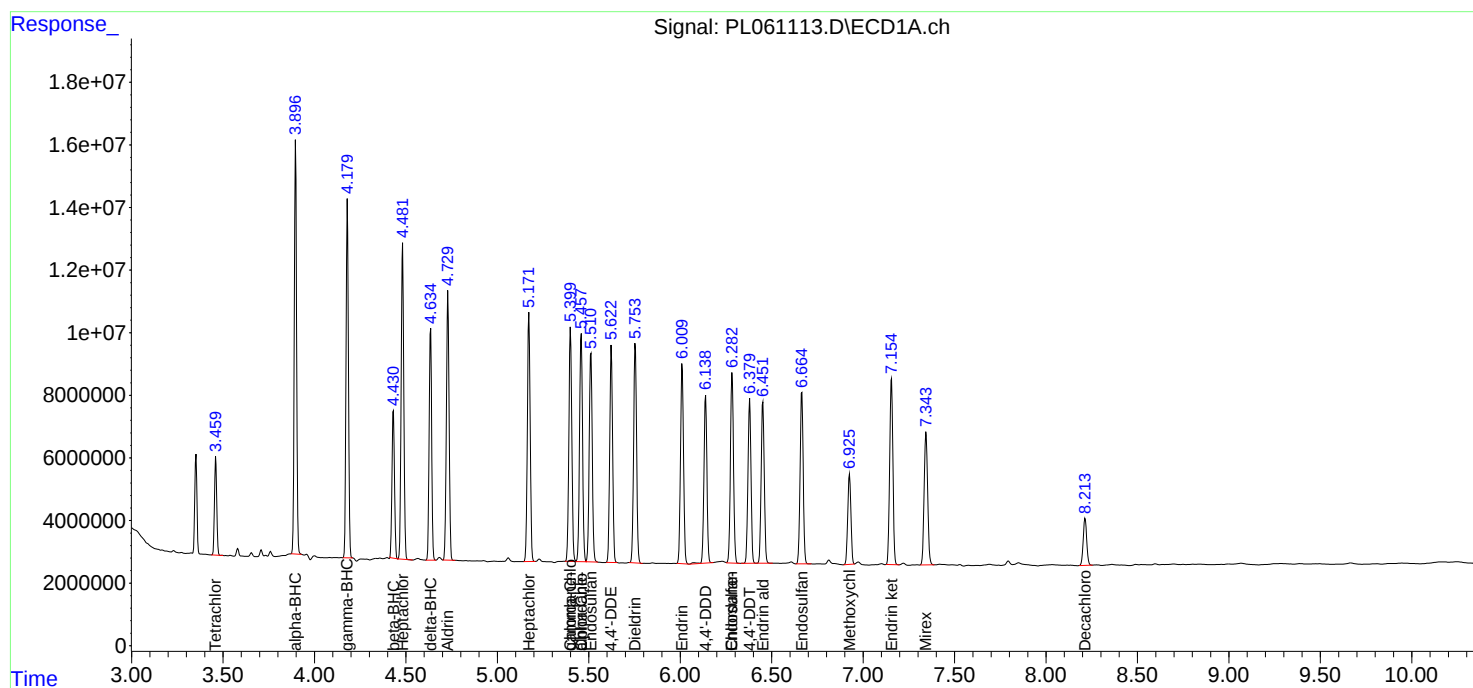
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

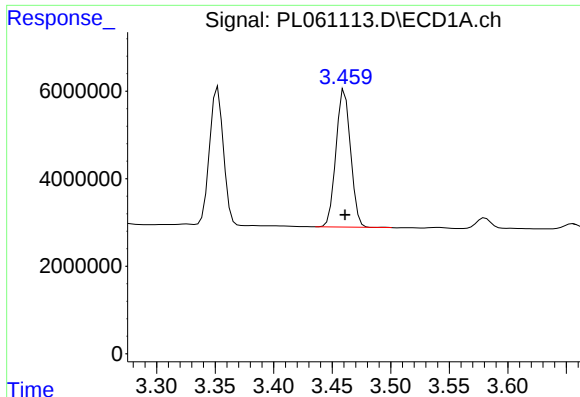
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
Data File : PL061113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2020 20:46  
Operator : DD\AJ  
Sample : L3848-17MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 02:28:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 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

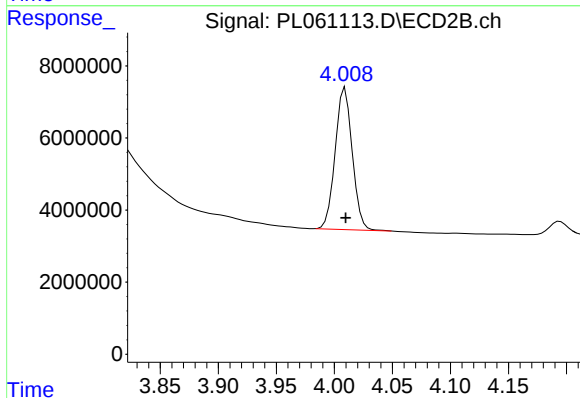




#1 Tetrachloro-m-xylene

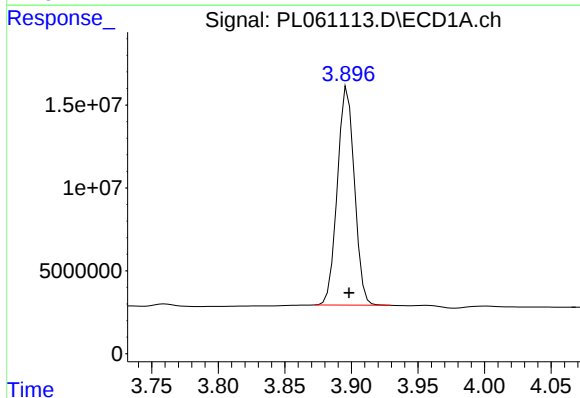
R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 27351737  
Conc: 14.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



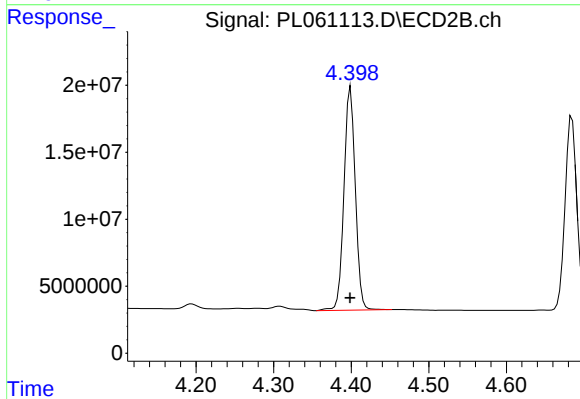
#1 Tetrachloro-m-xylene

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 40368549  
Conc: 15.53 ng/ml



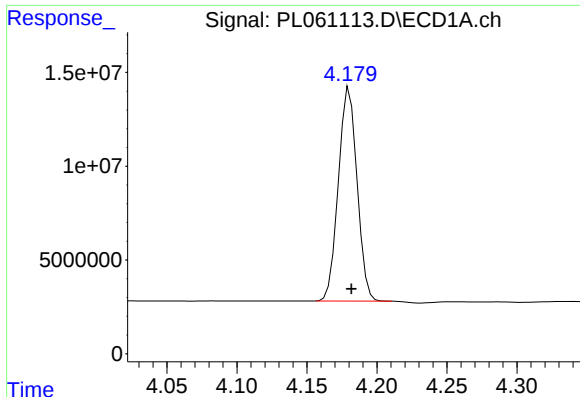
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 117484741  
Conc: 41.55 ng/ml



#2 alpha-BHC

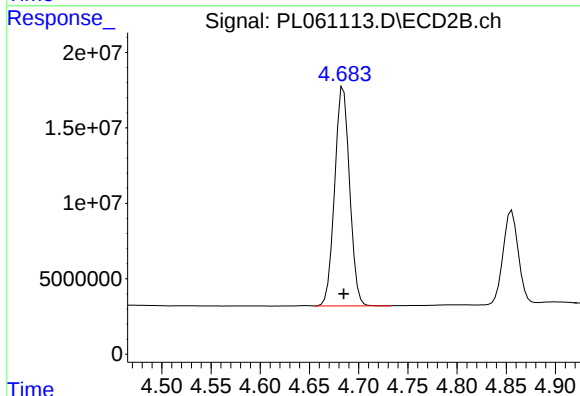
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 169468816  
Conc: 41.72 ng/ml



#3 gamma-BHC (Lindane)

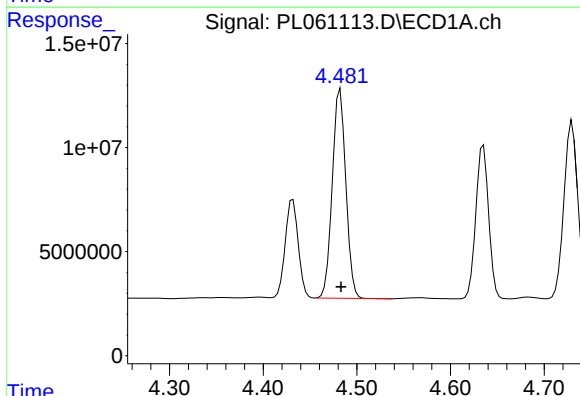
R.T.: 4.180 min  
Delta R.T.: -0.001 min  
Response: 105927979  
Conc: 41.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



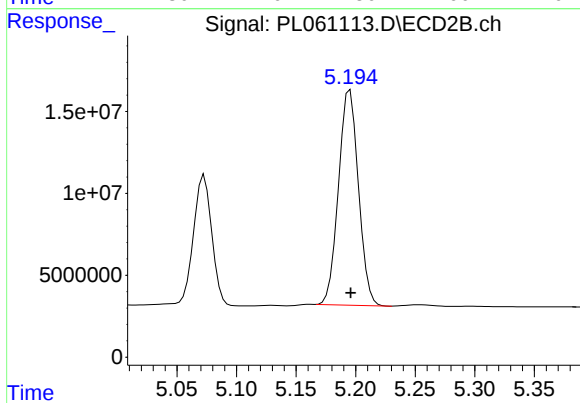
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 153265367  
Conc: 40.75 ng/ml



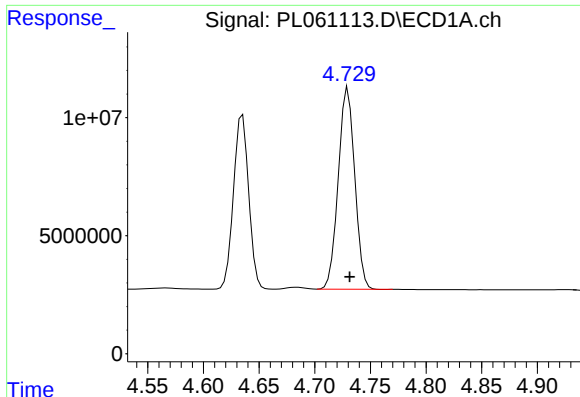
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 101055468  
Conc: 43.06 ng/ml



#4 Heptachlor

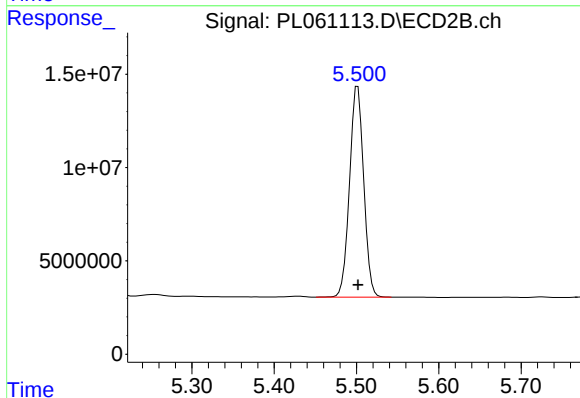
R.T.: 5.195 min  
Delta R.T.: 0.000 min  
Response: 152927660  
Conc: 41.79 ng/ml



#5 Aldrin

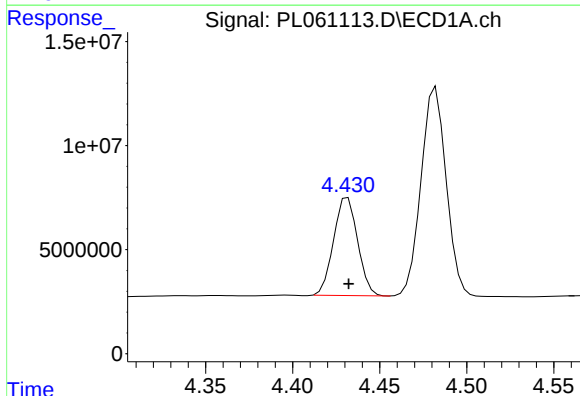
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 88074711  
Conc: 42.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



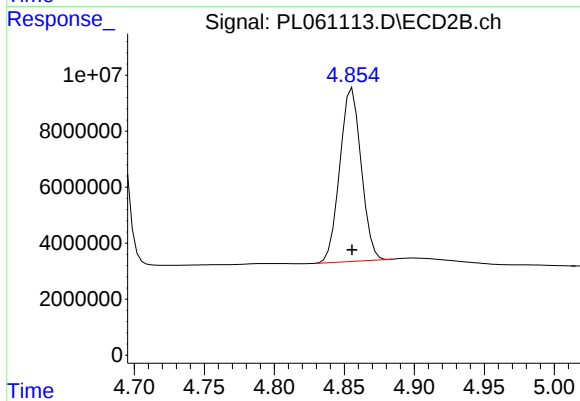
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 135095957  
Conc: 40.08 ng/ml



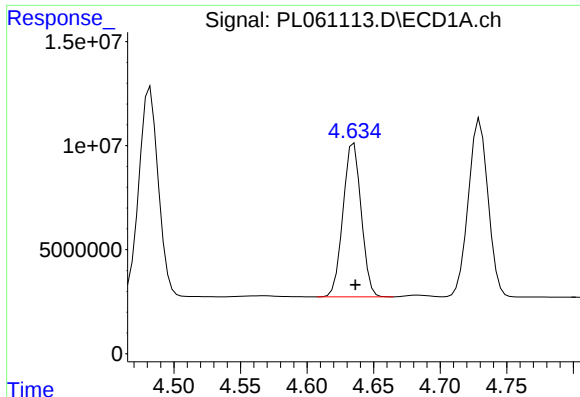
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: 0.000 min  
Response: 45227347  
Conc: 44.28 ng/ml



#6 beta-BHC

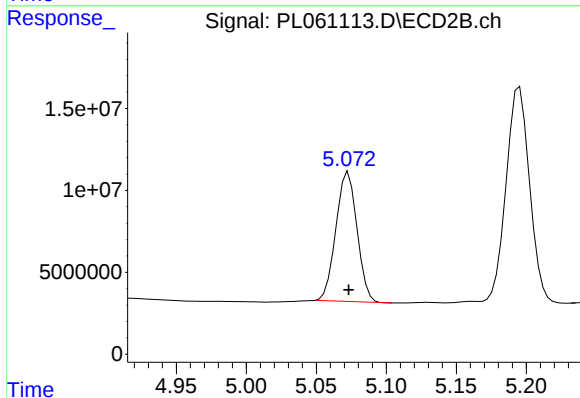
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 66017916  
Conc: 44.33 ng/ml



#7 delta-BHC

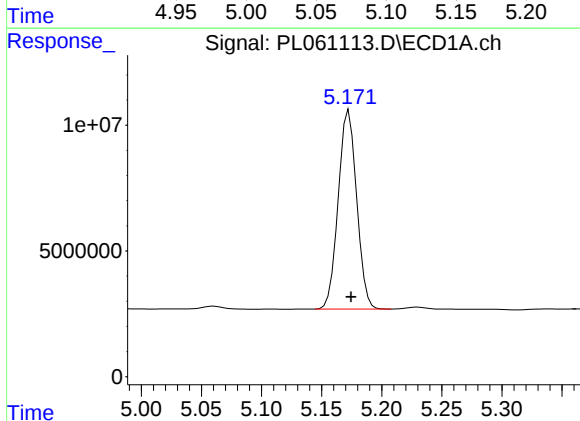
R.T.: 4.635 min  
Delta R.T.: -0.001 min  
Response: 70251350  
Conc: 29.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



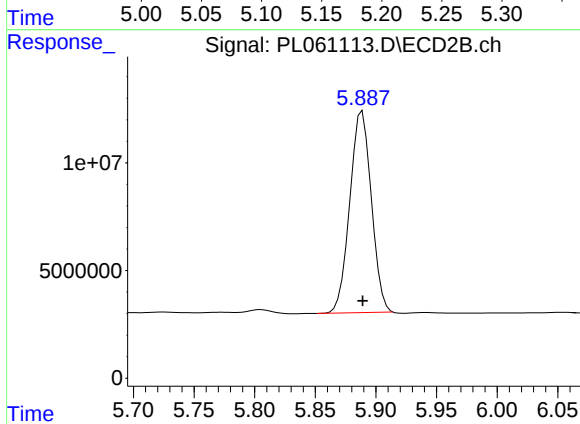
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 82768225  
Conc: 30.13 ng/ml



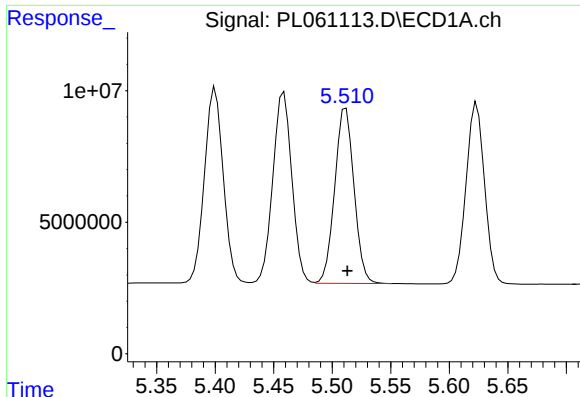
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 84615797  
Conc: 42.92 ng/ml



#8 Heptachlor epoxide

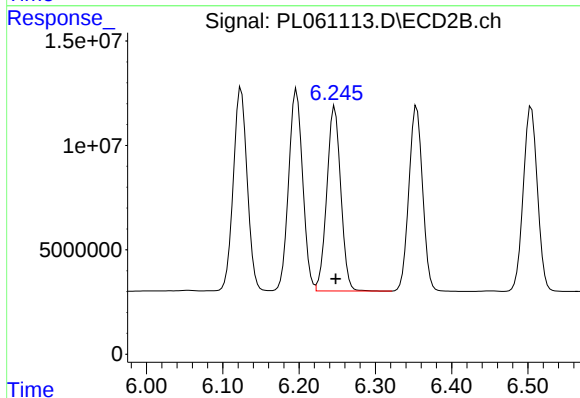
R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 115713239  
Conc: 44.24 ng/ml



#9 Endosulfan I

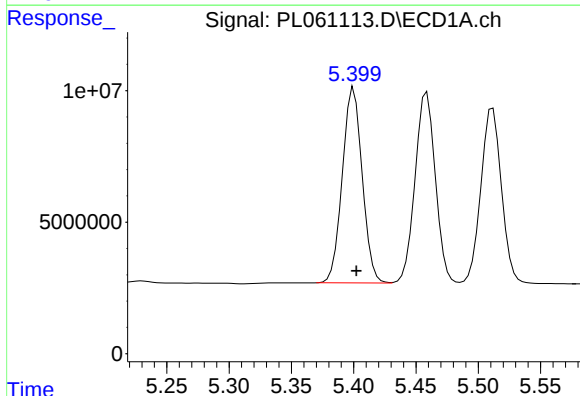
R.T.: 5.512 min  
Delta R.T.: -0.001 min  
Response: 76390363  
Conc: 42.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



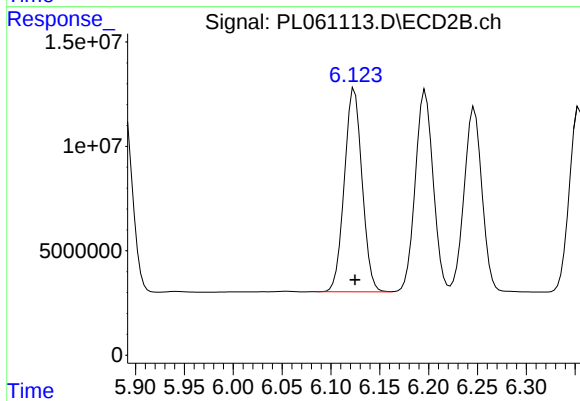
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: -0.001 min  
Response: 112625903  
Conc: 39.17 ng/ml



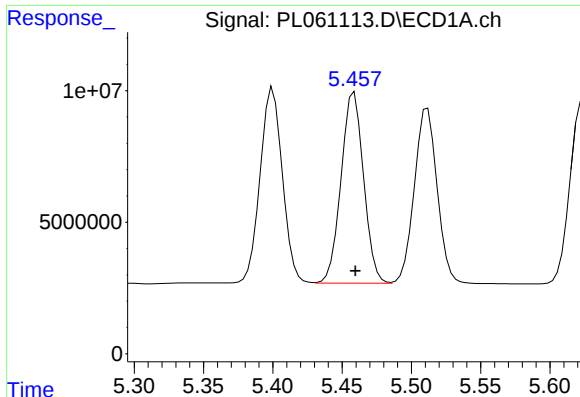
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 82720579  
Conc: 42.10 ng/ml



#10 gamma-Chlordane

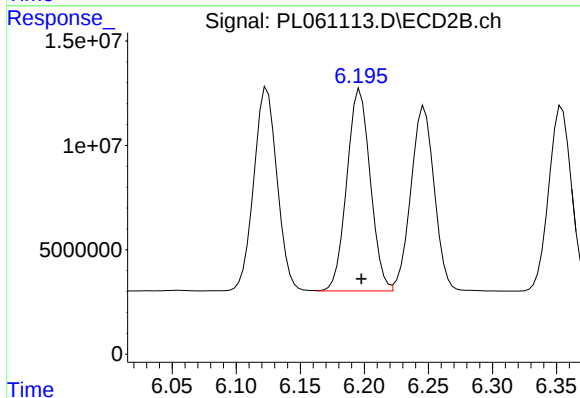
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 122963326  
Conc: 39.59 ng/ml



#11 alpha-Chlordane

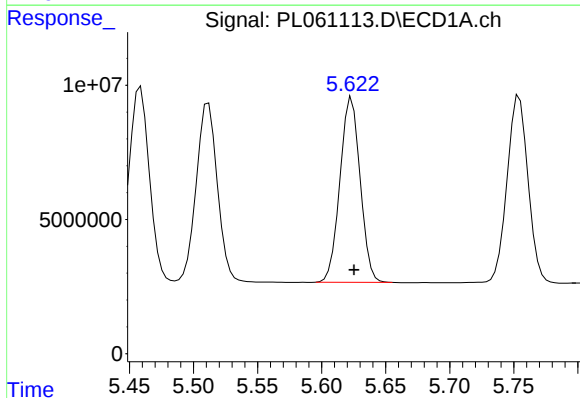
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 82147102  
Conc: 42.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



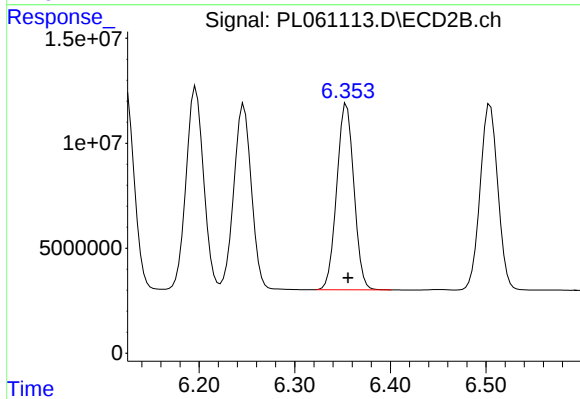
#11 alpha-Chlordane

R.T.: 6.197 min  
Delta R.T.: -0.001 min  
Response: 123029748  
Conc: 39.57 ng/ml



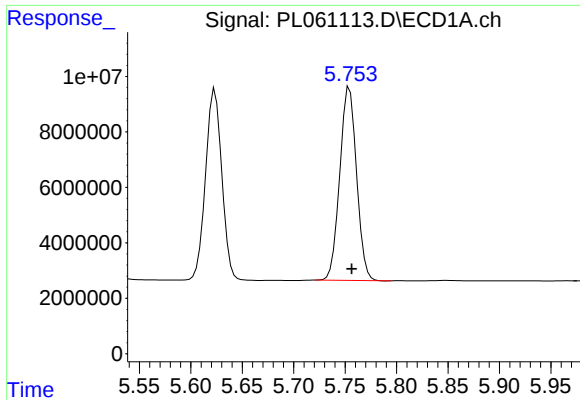
#12 4,4'-DDE

R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 75531696  
Conc: 41.05 ng/ml



#12 4,4'-DDE

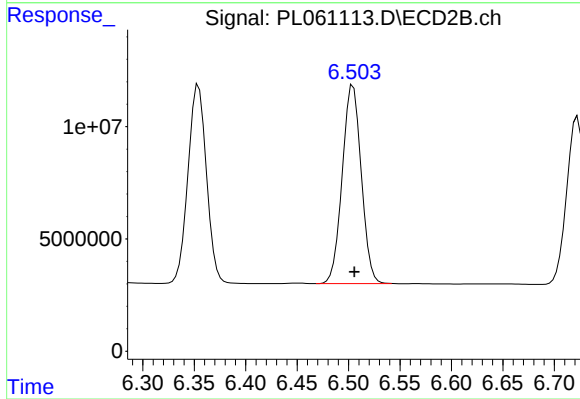
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 110536366  
Conc: 38.24 ng/ml



#13 Dieldrin

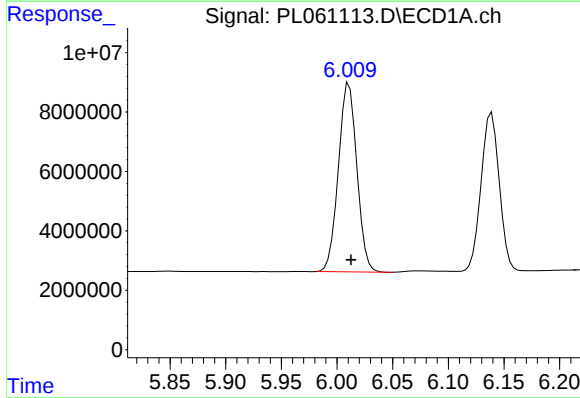
R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 79119844  
Conc: 41.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



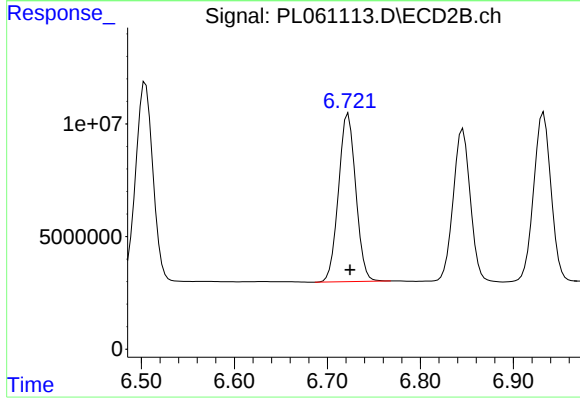
#13 Dieldrin

R.T.: 6.504 min  
Delta R.T.: -0.001 min  
Response: 113771800  
Conc: 38.10 ng/ml



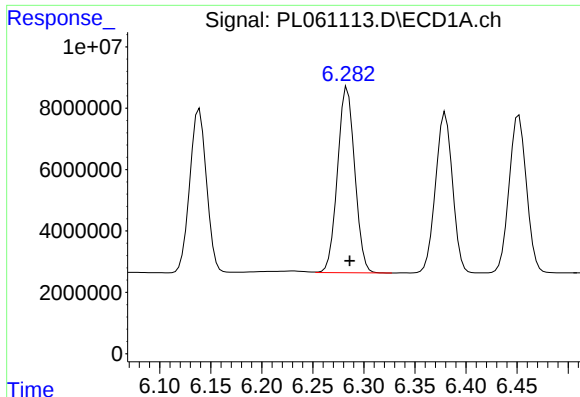
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 73394515  
Conc: 40.36 ng/ml



#14 Endrin

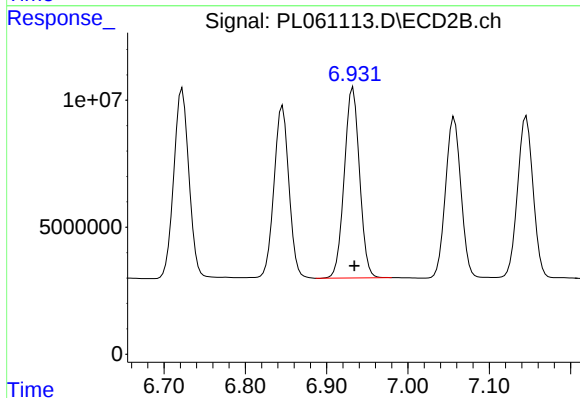
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 96108904  
Conc: 37.84 ng/ml



#15 Endosulfan II

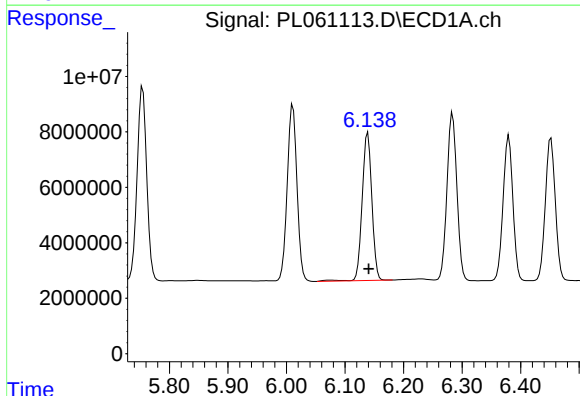
R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 71176011  
Conc: 39.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



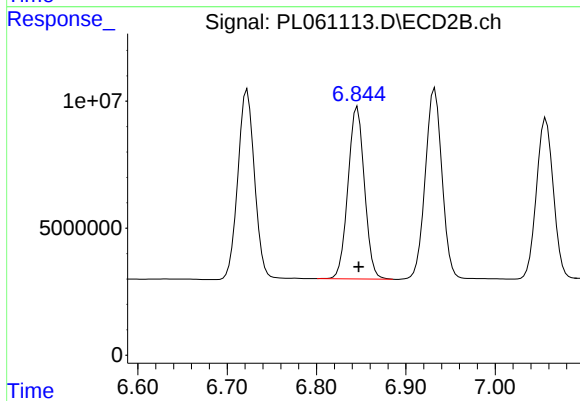
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 97601875  
Conc: 37.94 ng/ml



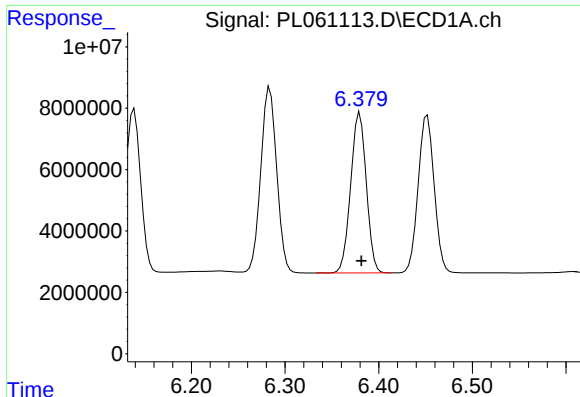
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: -0.002 min  
Response: 61653822  
Conc: 39.00 ng/ml



#16 4,4'-DDD

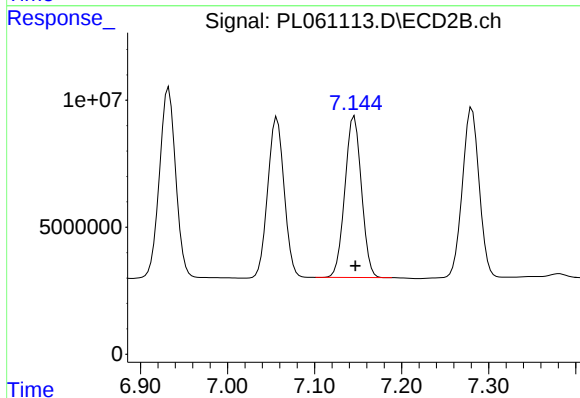
R.T.: 6.846 min  
Delta R.T.: -0.002 min  
Response: 86778750  
Conc: 37.16 ng/ml



#17 4,4'-DDT

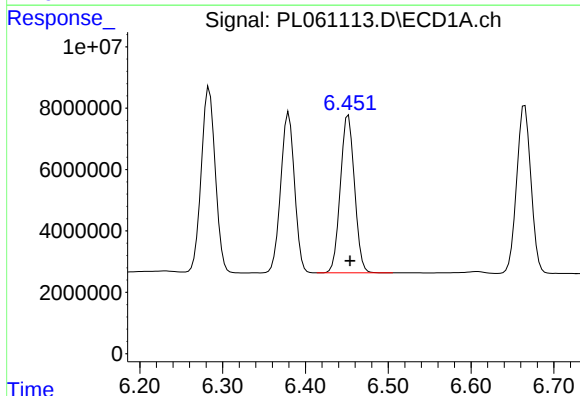
R.T.: 6.380 min  
Delta R.T.: -0.002 min  
Response: 60516156  
Conc: 40.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



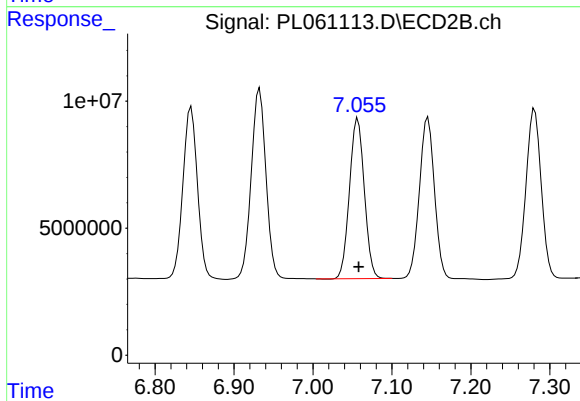
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.001 min  
Response: 83878294  
Conc: 36.42 ng/ml



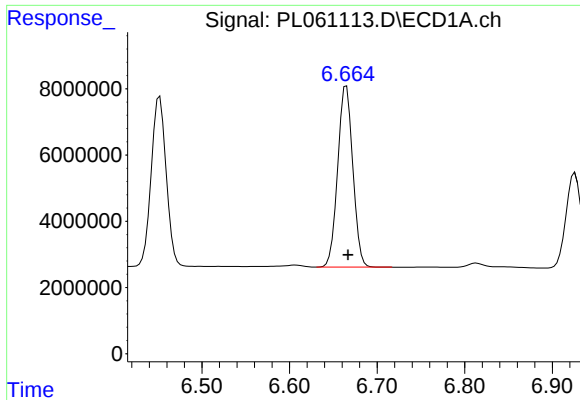
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 60899036  
Conc: 40.22 ng/ml



#18 Endrin aldehyde

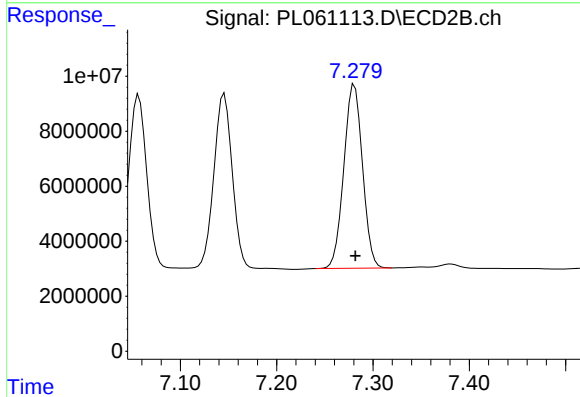
R.T.: 7.057 min  
Delta R.T.: -0.001 min  
Response: 82540787  
Conc: 37.84 ng/ml



#19 Endosulfan Sulfate

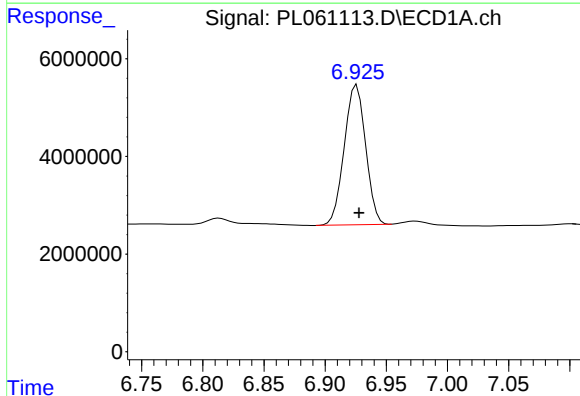
R.T.: 6.665 min  
Delta R.T.: -0.002 min  
Response: 65547864  
Conc: 38.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



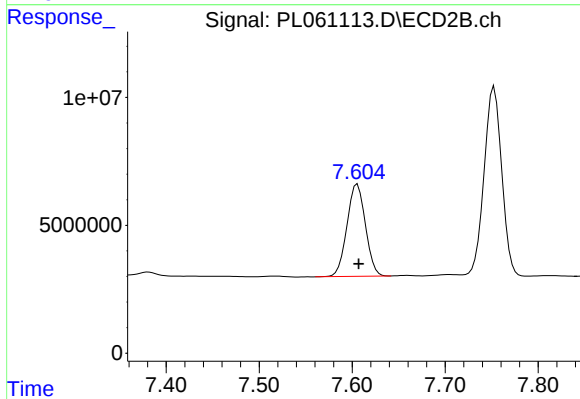
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 89759091  
Conc: 37.03 ng/ml



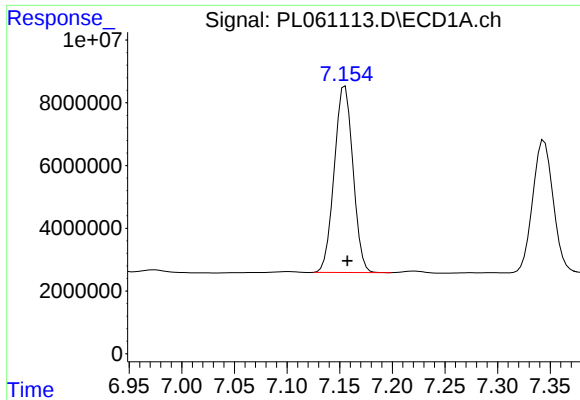
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 34916493  
Conc: 38.90 ng/ml



#20 Methoxychlor

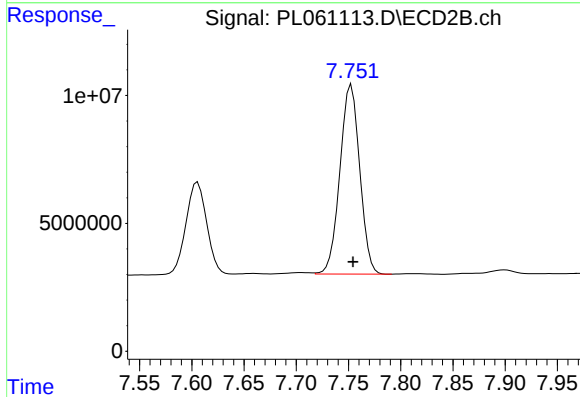
R.T.: 7.606 min  
Delta R.T.: -0.002 min  
Response: 49715511  
Conc: 38.45 ng/ml



#21 Endrin ketone

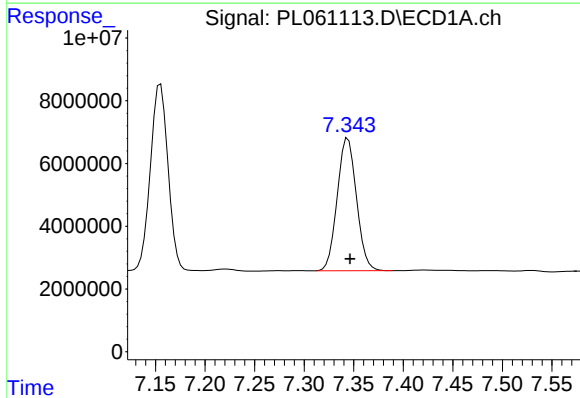
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 73514098  
Conc: 38.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



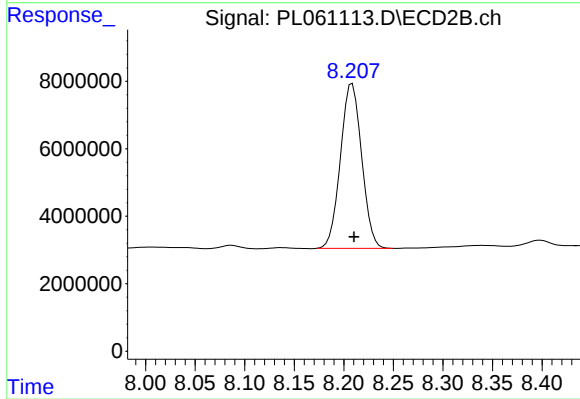
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.001 min  
Response: 97735221  
Conc: 39.27 ng/ml



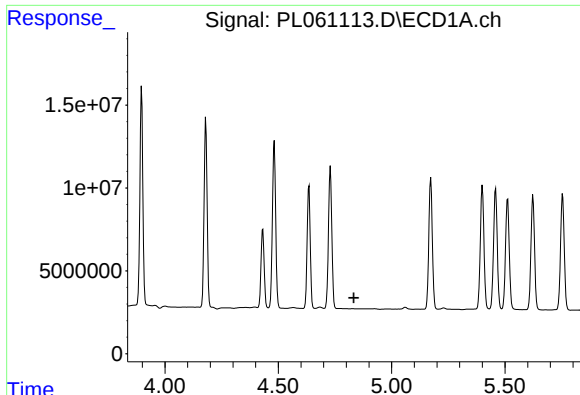
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: -0.002 min  
Response: 57255403  
Conc: 40.20 ng/ml



#22 Mirex

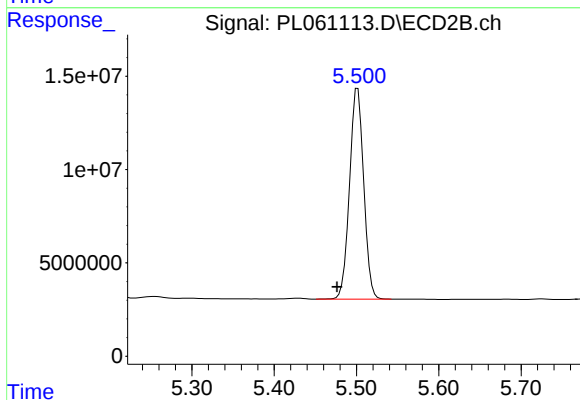
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 72830648  
Conc: 41.86 ng/ml



#24 Chlordane-2

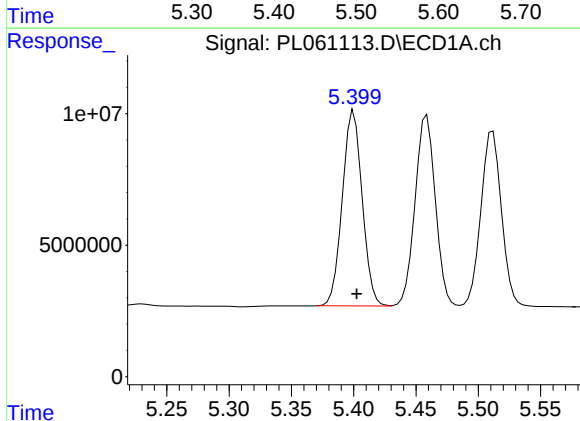
R.T.: 0.000 min  
Exp R.T.: 4.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



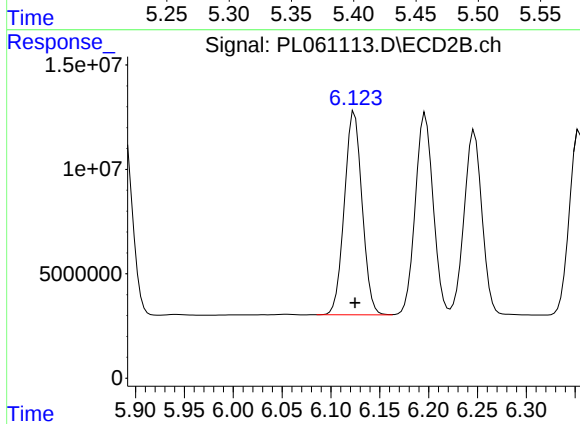
#24 Chlordane-2

R.T.: 5.502 min  
Delta R.T.: 0.025 min  
Response: 135095957  
Conc: 1312.75 ng/ml



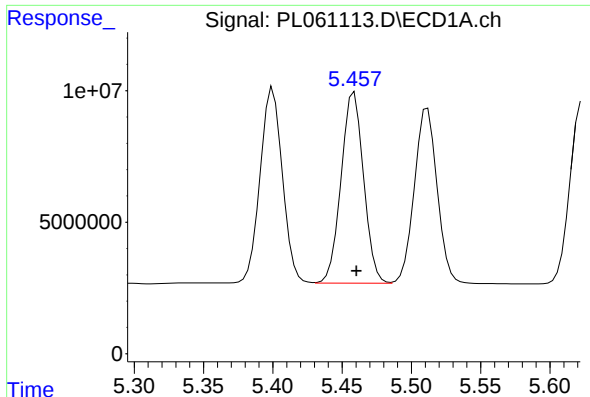
#25 Chlordane-3

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 82720579  
Conc: 458.33 ng/ml



#25 Chlordane-3

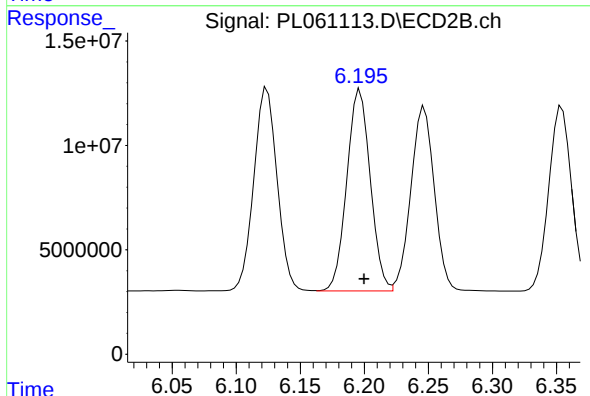
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 122963326  
Conc: 307.65 ng/ml



#26 Chlordane-4

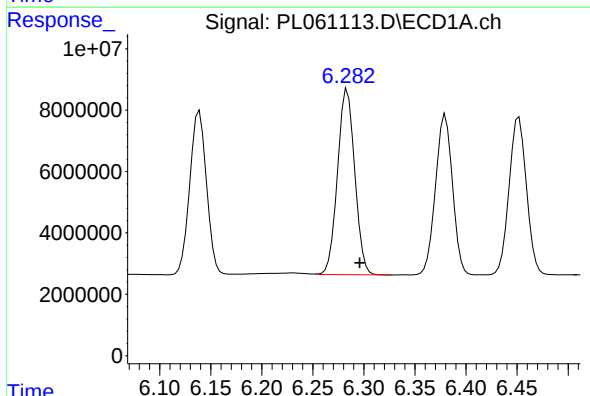
R.T.: 5.459 min  
Delta R.T.: -0.002 min  
Response: 82147102  
Conc: 552.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



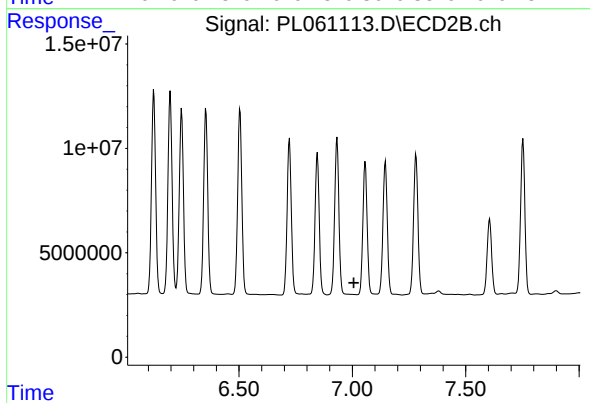
#26 Chlordane-4

R.T.: 6.197 min  
Delta R.T.: -0.003 min  
Response: 123029748  
Conc: 255.92 ng/ml



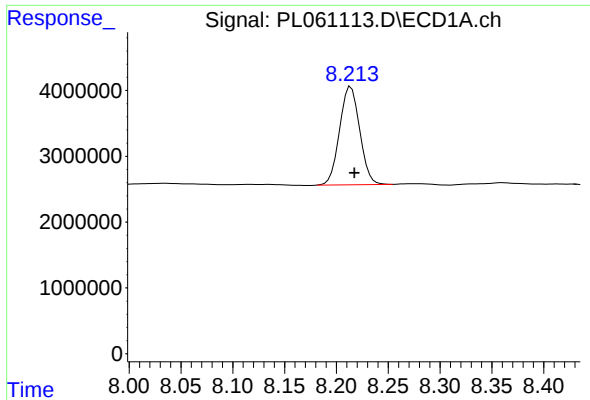
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.012 min  
Response: 71176011  
Conc: 1137.44 ng/ml



#27 Chlordane-5

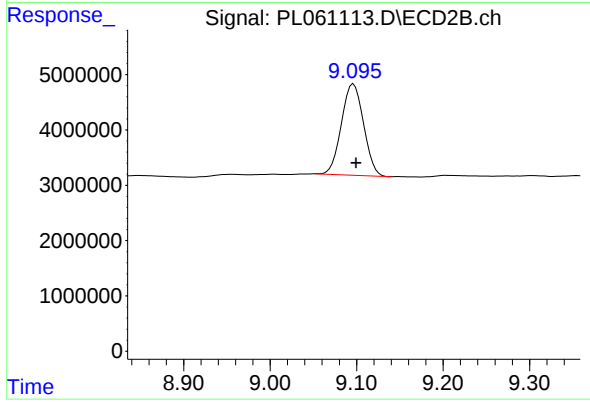
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.003 min  
Response: 20169267  
Conc: 11.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.003 min  
Response: 29244684  
Conc: 13.86 ng/ml