

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
 Data File : PL061078.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2020 10:43  
 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 31 17:13:41 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  | 84590190 | 116.6E6  | 45.839   | 44.858     |
| 28)                         | SA Decachlor... | 8.214 | 9.096  | 71403042 | 96356507 | 42.385   | 45.666     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.897 | 4.398  | 128.0E6  | 179.6E6  | 45.254   | 44.208     |
| 3)                          | MA gamma-BHC... | 4.181 | 4.683  | 115.0E6  | 165.4E6  | 45.027   | 43.962     |
| 4)                          | MA Heptachlor   | 4.482 | 5.194  | 106.5E6  | 161.6E6  | 45.392   | 44.163     |
| 5)                          | MB Aldrin       | 4.730 | 5.500  | 94210968 | 147.8E6  | 45.150   | 43.854     |
| 6)                          | B beta-BHC      | 4.431 | 4.854  | 46917932 | 68555876 | 45.931   | 46.032     |
| 7)                          | B delta-BHC     | 4.635 | 5.072  | 109.0E6  | 142.9E6  | 45.879   | 52.037     |
| 8)                          | B Heptachlo...  | 5.173 | 5.888  | 90029889 | 135.3E6  | 45.664   | 51.723     |
| 9)                          | A Endosulfan I  | 5.511 | 6.246  | 83159913 | 125.1E6  | 45.764   | 43.500     |
| 10)                         | B gamma-Chl...  | 5.400 | 6.123  | 89714984 | 136.9E6  | 45.658   | 44.073     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.196  | 89122680 | 136.5E6  | 45.664   | 43.903     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.354  | 81855748 | 123.9E6  | 44.486   | 42.866     |
| 13)                         | MA Dieldrin     | 5.754 | 6.504  | 86414627 | 129.0E6  | 44.903   | 43.182     |
| 14)                         | MA Endrin       | 6.011 | 6.722  | 77799416 | 106.5E6  | 42.779   | 41.929     |
| 15)                         | B Endosulfa...  | 6.284 | 6.932  | 78799544 | 109.8E6  | 44.146   | 42.682     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.845  | 69762528 | 99437817 | 44.129   | 42.579     |
| 17)                         | MA 4,4'-DDT     | 6.379 | 7.145  | 66486946 | 95207018 | 43.985   | 41.341     |
| 18)                         | B Endrin al...  | 6.451 | 7.056  | 67094374 | 93238896 | 44.309   | 42.739     |
| 19)                         | B Endosulfa...  | 6.664 | 7.280  | 76679734 | 105.2E6  | 44.776   | 43.416     |
| 20)                         | A Methoxychlor  | 6.925 | 7.605  | 39546488 | 54514668 | 44.054   | 42.167     |
| 21)                         | B Endrin ke...  | 7.155 | 7.752  | 86714235 | 108.9E6  | 44.923   | 43.738     |
| 22)                         | Mirex           | 7.344 | 8.207  | 62506029 | 77819371 | 43.886   | 44.723     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 147.8E6  | N.D.     | 1436.236 # |
| 25)                         | Chlordane-3     | 5.400 | 6.123  | 89714984 | 136.9E6  | 497.084  | 342.493 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.196  | 89122680 | 136.5E6  | 599.402  | 283.928 #  |
| 27)                         | Chlordane-5     | 6.284 | 0.000  | 78799544 | 0        | 1259.268 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

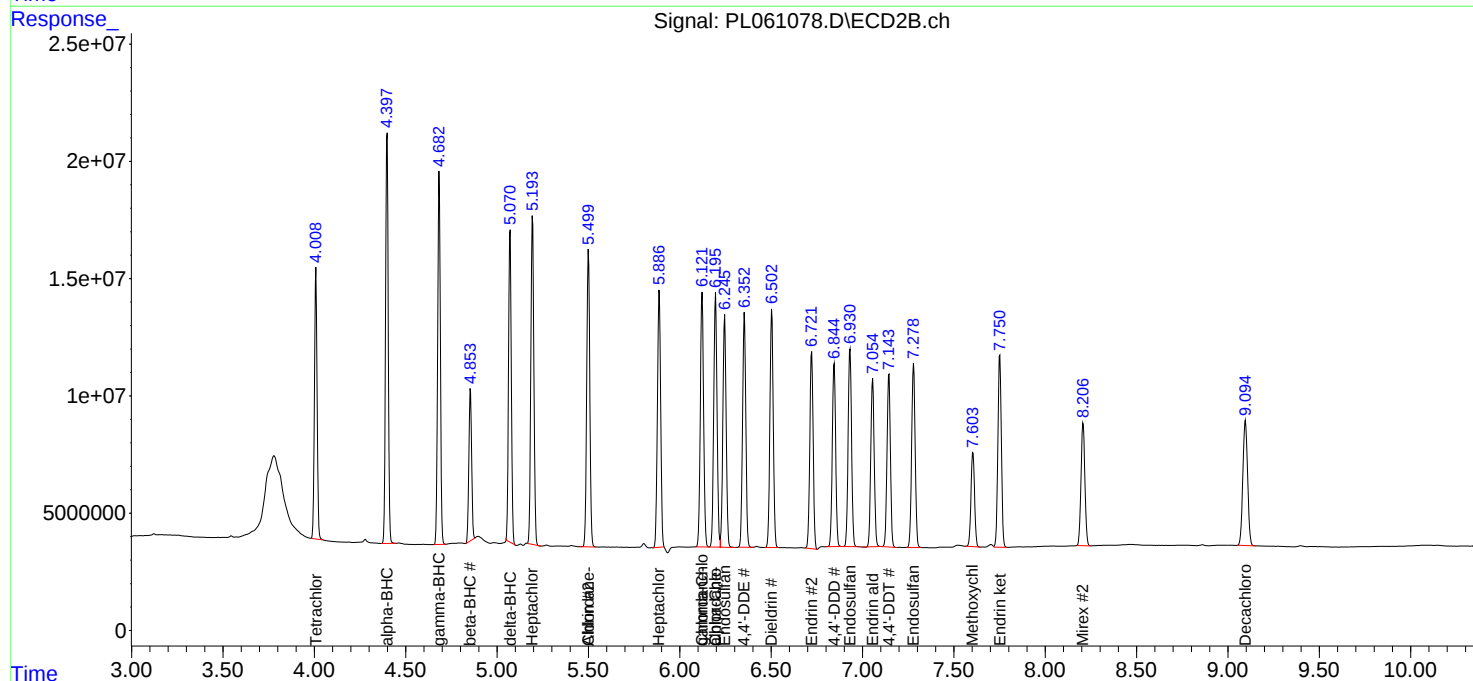
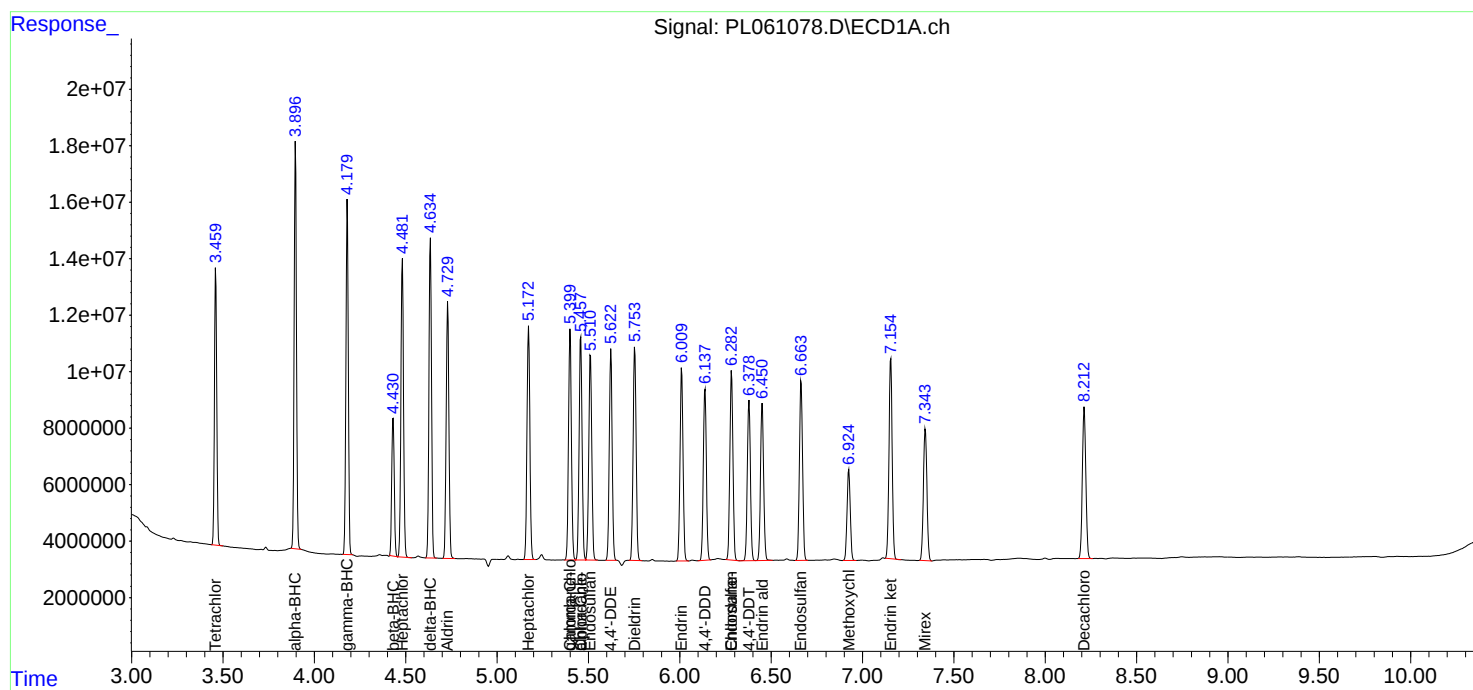
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

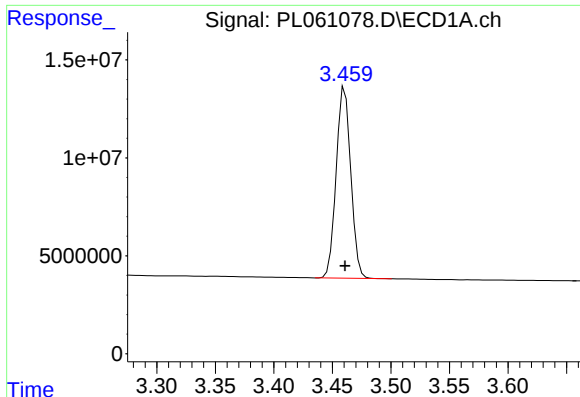
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083120\  
Data File : PL061078.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2020 10:43  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 17:13:41 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

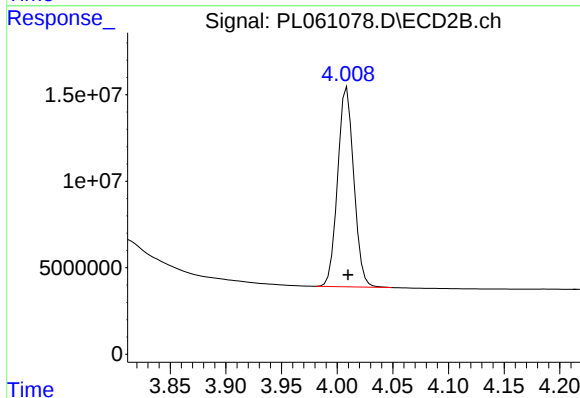




#1 Tetrachloro-m-xylene

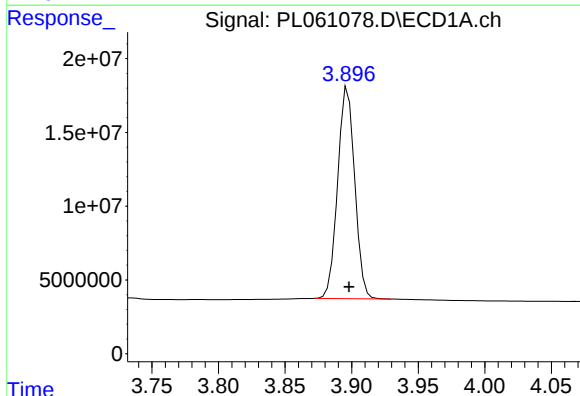
R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 84590190  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



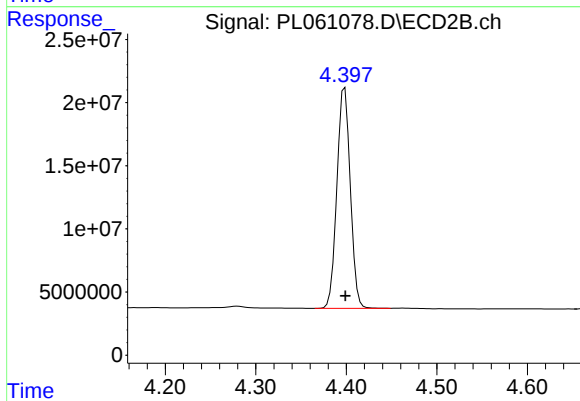
#1 Tetrachloro-m-xylene

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 116587992  
Conc: 44.86 ng/ml



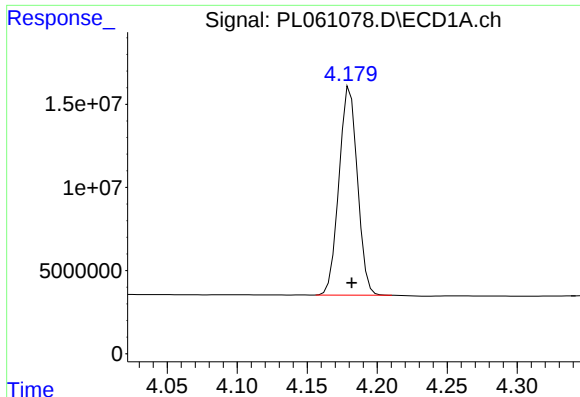
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 127970072  
Conc: 45.25 ng/ml



#2 alpha-BHC

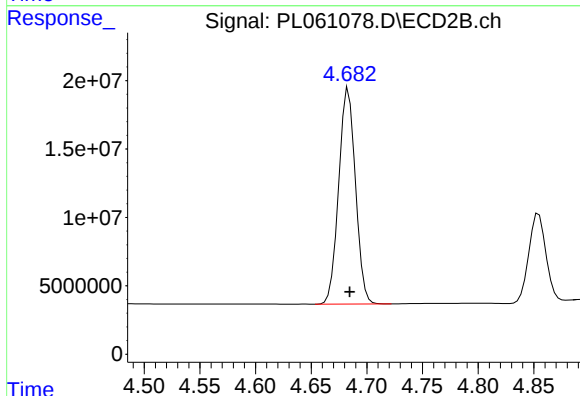
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 179582876  
Conc: 44.21 ng/ml



#3 gamma-BHC (Lindane)

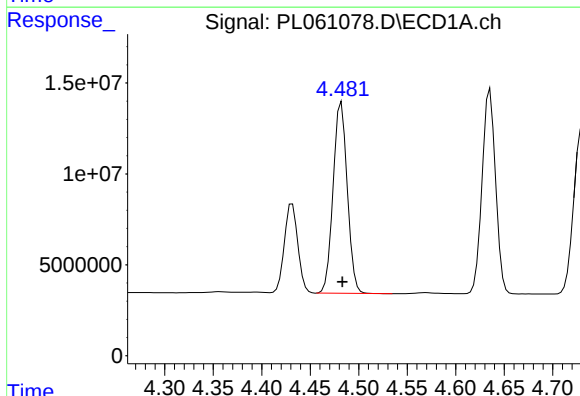
R.T.: 4.181 min  
Delta R.T.: -0.001 min  
Response: 114950733  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



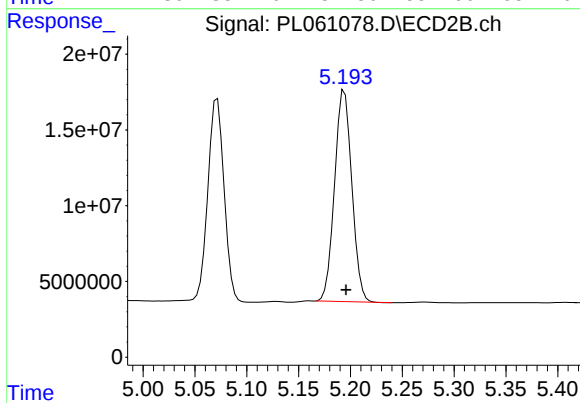
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: -0.001 min  
Response: 165358278  
Conc: 43.96 ng/ml



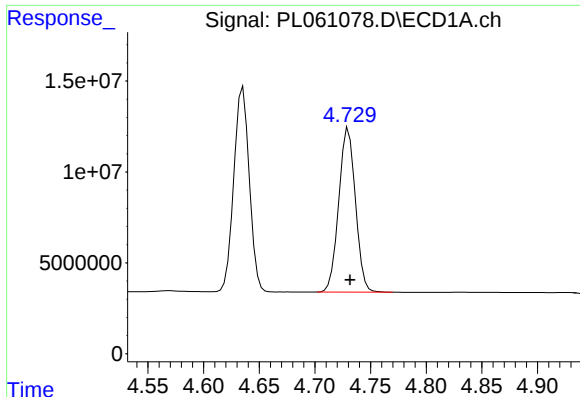
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: -0.001 min  
Response: 106531220  
Conc: 45.39 ng/ml



#4 Heptachlor

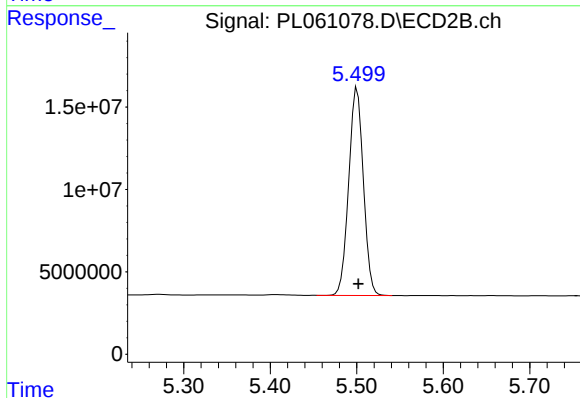
R.T.: 5.194 min  
Delta R.T.: -0.002 min  
Response: 161594800  
Conc: 44.16 ng/ml



#5 Aldrin

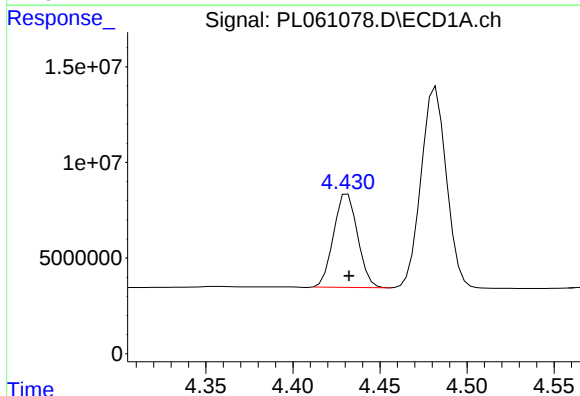
R.T.: 4.730 min  
Delta R.T.: -0.001 min  
Response: 94210968  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



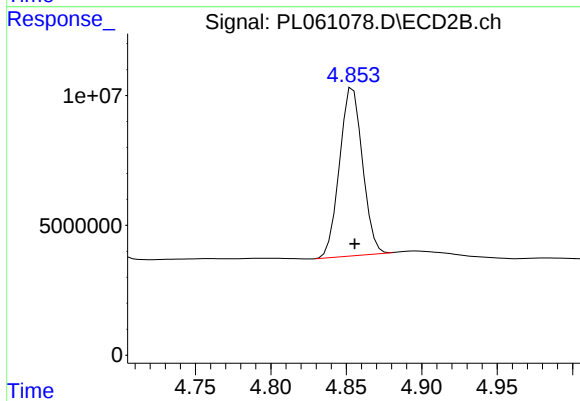
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 147804484  
Conc: 43.85 ng/ml



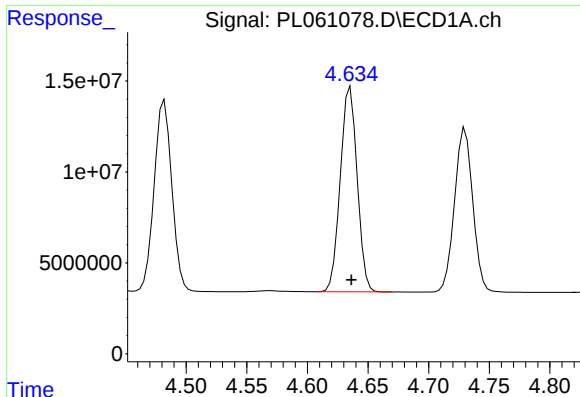
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 46917932  
Conc: 45.93 ng/ml



#6 beta-BHC

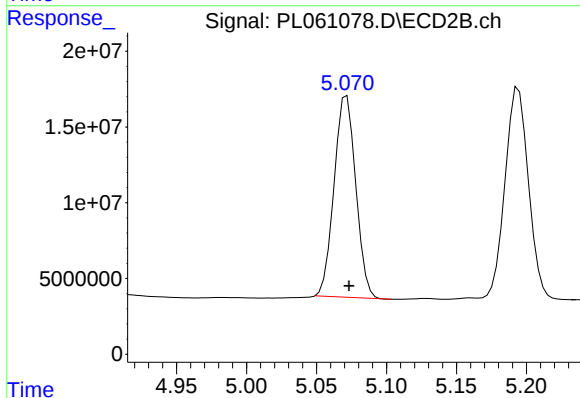
R.T.: 4.854 min  
Delta R.T.: -0.001 min  
Response: 68555876  
Conc: 46.03 ng/ml



#7 delta-BHC

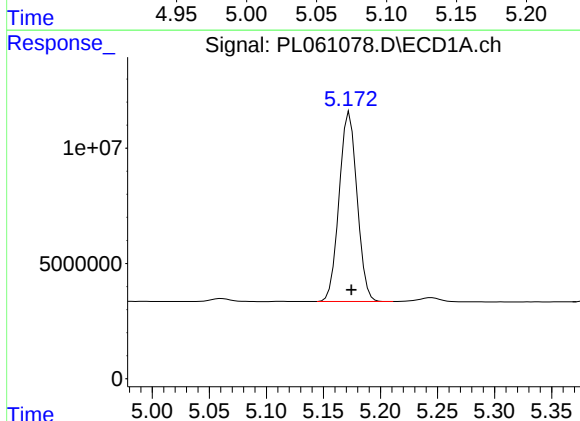
R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 109016473  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



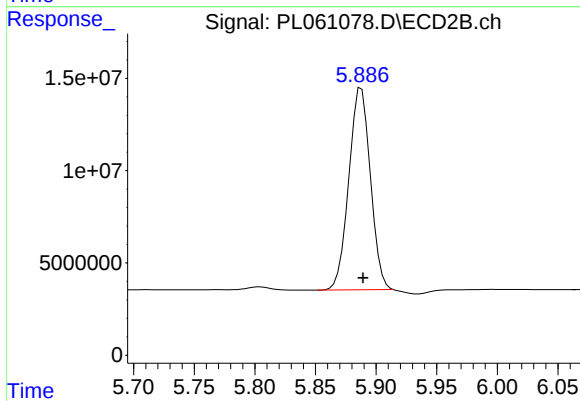
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: -0.002 min  
Response: 142937456  
Conc: 52.04 ng/ml



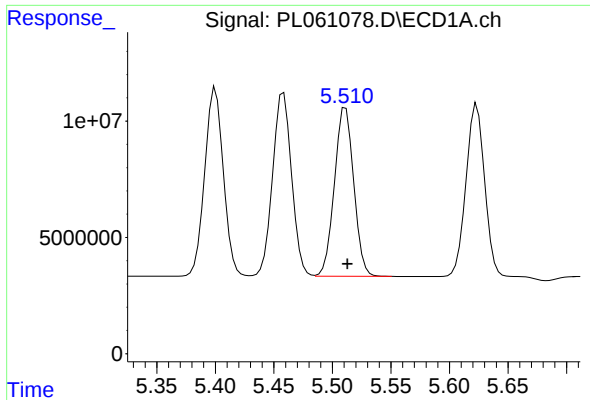
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 90029889  
Conc: 45.66 ng/ml



#8 Heptachlor epoxide

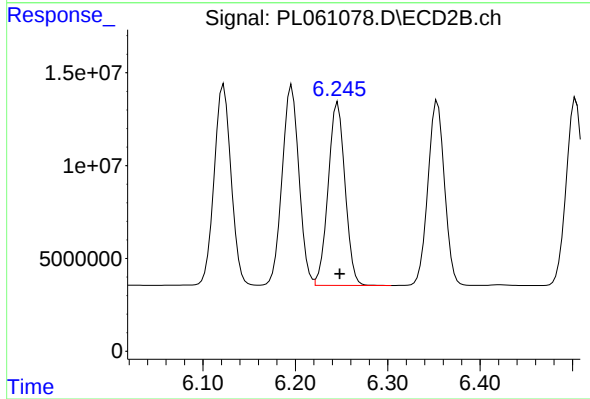
R.T.: 5.888 min  
Delta R.T.: -0.001 min  
Response: 135292118  
Conc: 51.72 ng/ml



#9 Endosulfan I

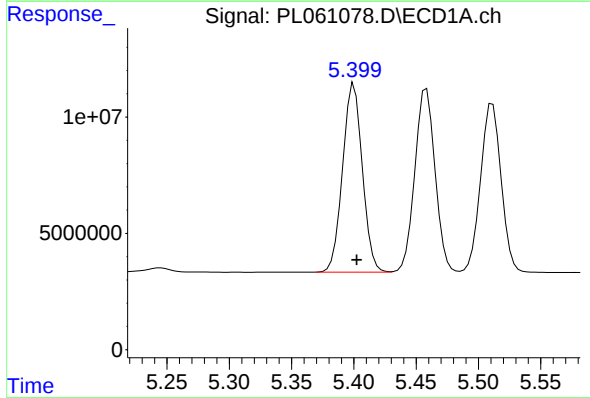
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 83159913  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



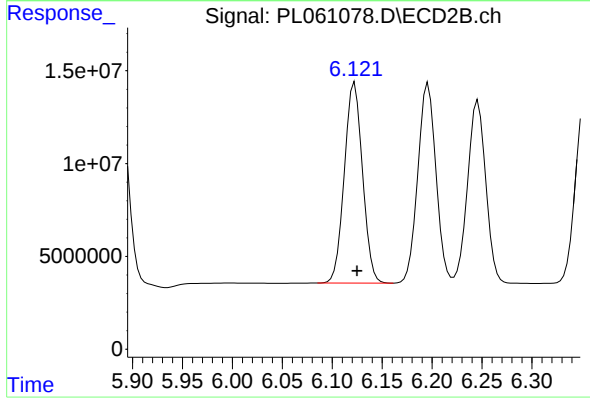
#9 Endosulfan I

R.T.: 6.246 min  
Delta R.T.: -0.002 min  
Response: 125064833  
Conc: 43.50 ng/ml



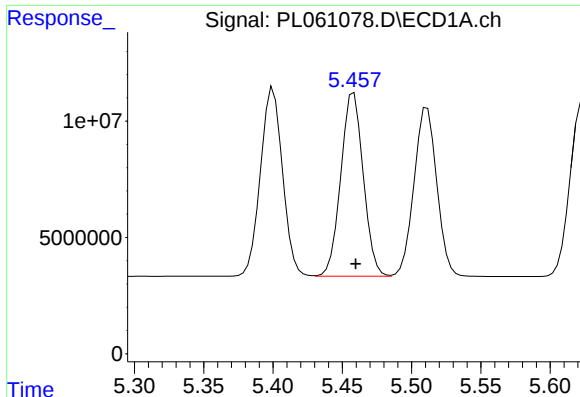
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 89714984  
Conc: 45.66 ng/ml



#10 gamma-Chlordane

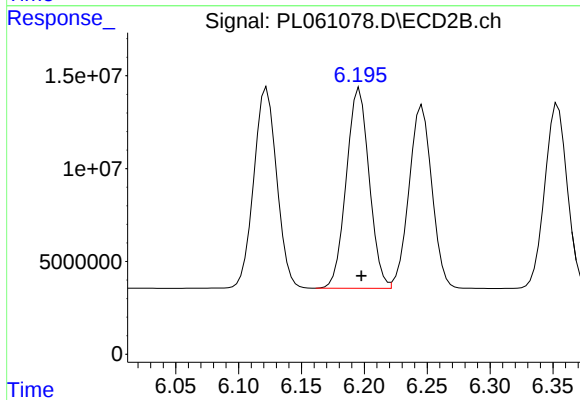
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 136888060  
Conc: 44.07 ng/ml



#11 alpha-Chlordane

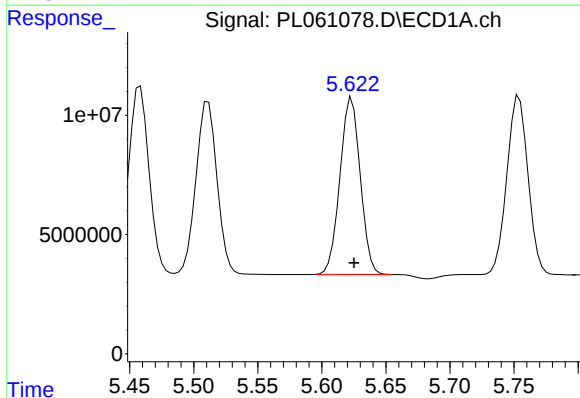
R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 89122680  
Conc: 45.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



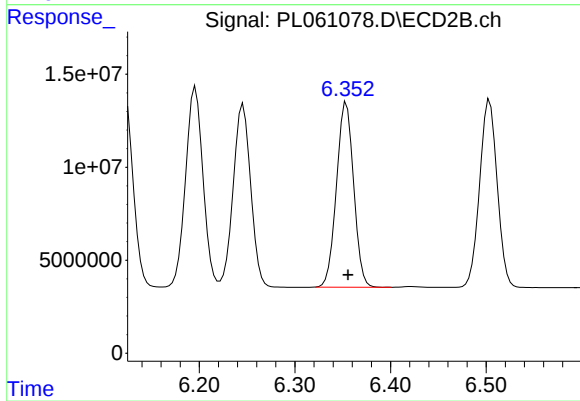
#11 alpha-Chlordane

R.T.: 6.196 min  
Delta R.T.: -0.002 min  
Response: 136491868  
Conc: 43.90 ng/ml



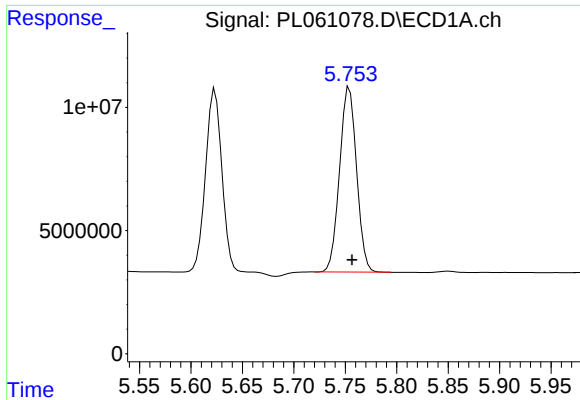
#12 4,4'-DDE

R.T.: 5.623 min  
Delta R.T.: -0.002 min  
Response: 81855748  
Conc: 44.49 ng/ml



#12 4,4'-DDE

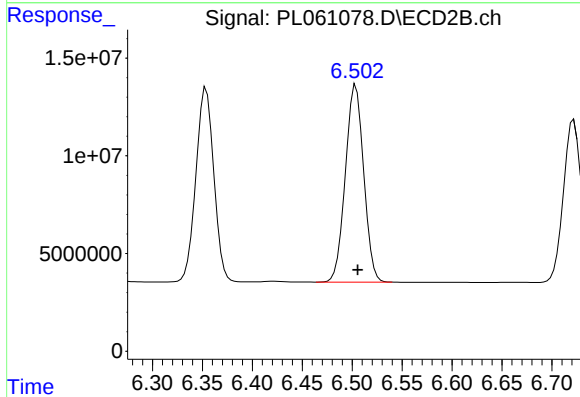
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 123892638  
Conc: 42.87 ng/ml



#13 Dieldrin

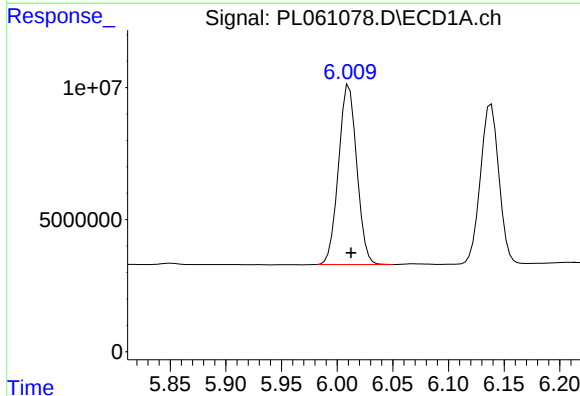
R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 86414627  
Conc: 44.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



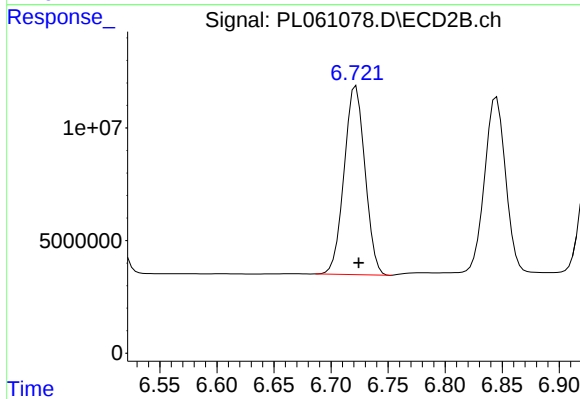
#13 Dieldrin

R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 128956494  
Conc: 43.18 ng/ml



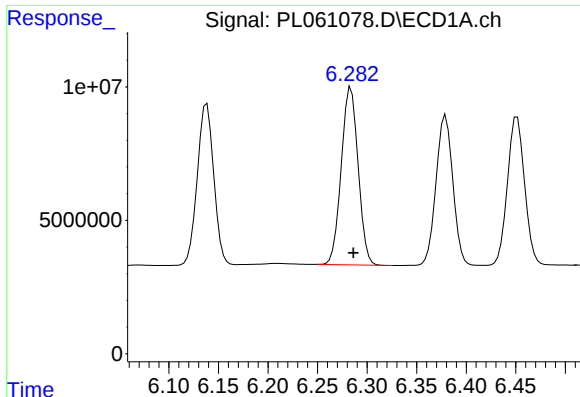
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 77799416  
Conc: 42.78 ng/ml



#14 Endrin

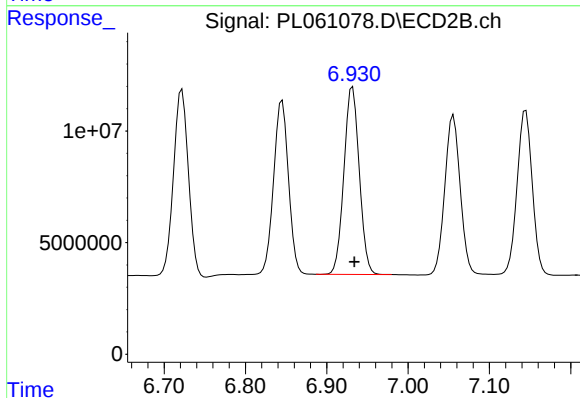
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 106493990  
Conc: 41.93 ng/ml



#15 Endosulfan II

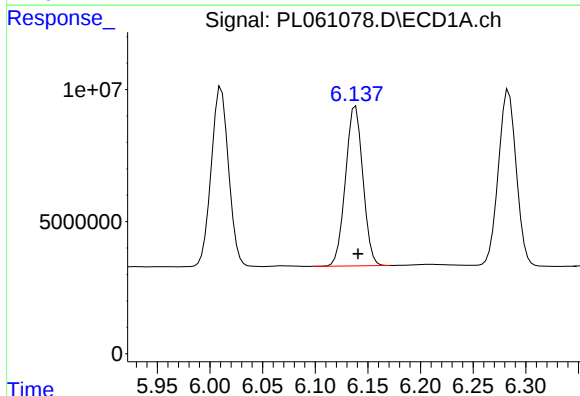
R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 78799544  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



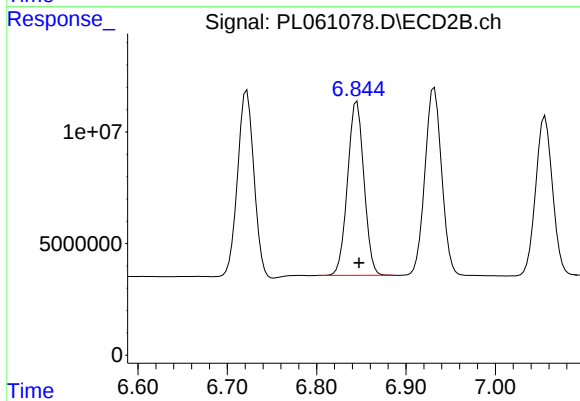
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 109796701  
Conc: 42.68 ng/ml



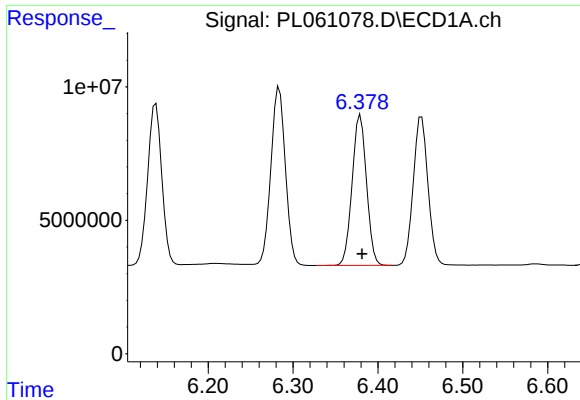
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 69762528  
Conc: 44.13 ng/ml



#16 4,4'-DDD

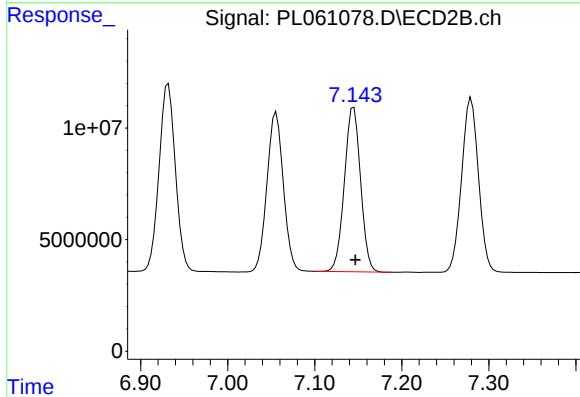
R.T.: 6.845 min  
Delta R.T.: -0.002 min  
Response: 99437817  
Conc: 42.58 ng/ml



#17 4,4'-DDT

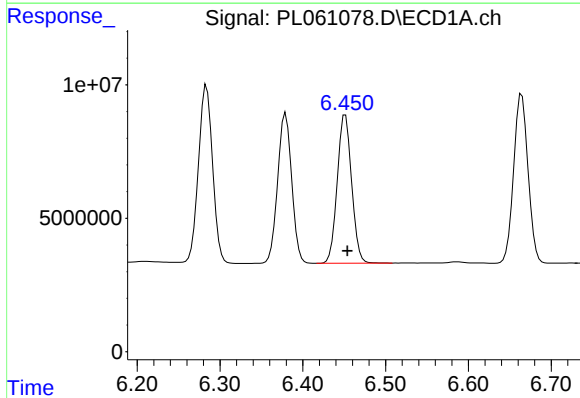
R.T.: 6.379 min  
Delta R.T.: -0.002 min  
Response: 66486946  
Conc: 43.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



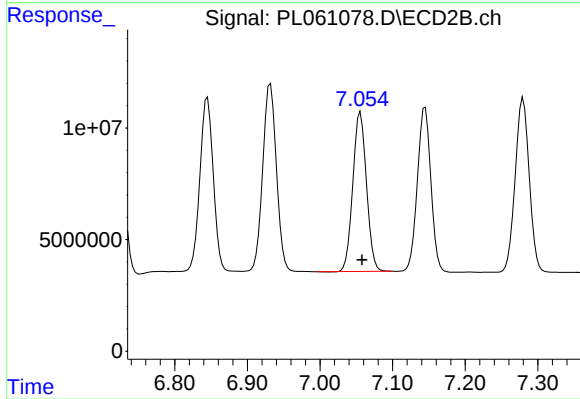
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.002 min  
Response: 95207018  
Conc: 41.34 ng/ml



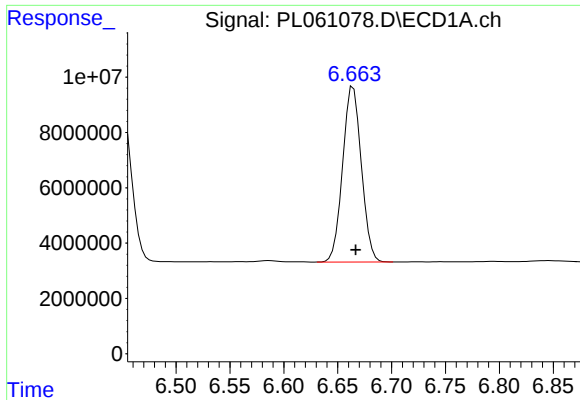
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 67094374  
Conc: 44.31 ng/ml



#18 Endrin aldehyde

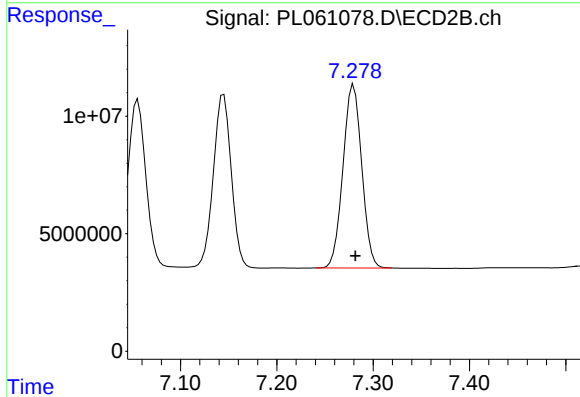
R.T.: 7.056 min  
Delta R.T.: -0.002 min  
Response: 93238896  
Conc: 42.74 ng/ml



#19 Endosulfan Sulfate

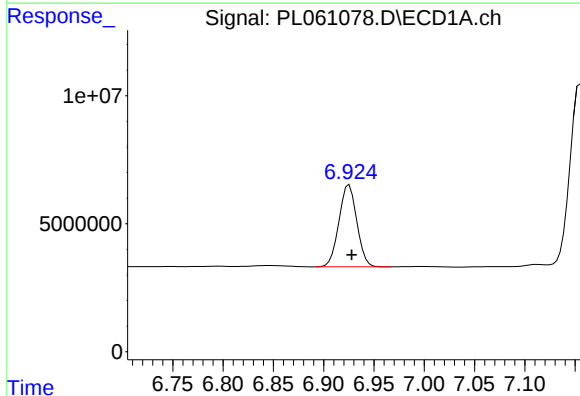
R.T.: 6.664 min  
Delta R.T.: -0.002 min  
Response: 76679734  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



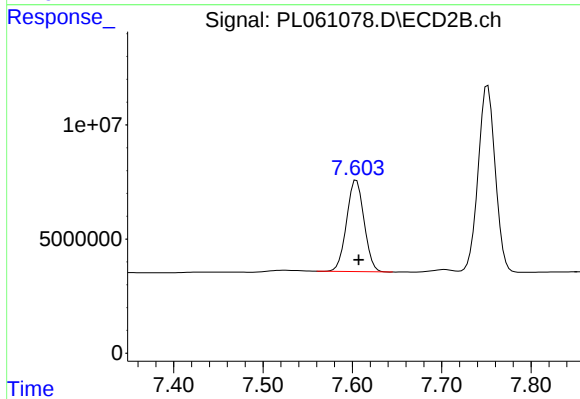
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.002 min  
Response: 105225648  
Conc: 43.42 ng/ml



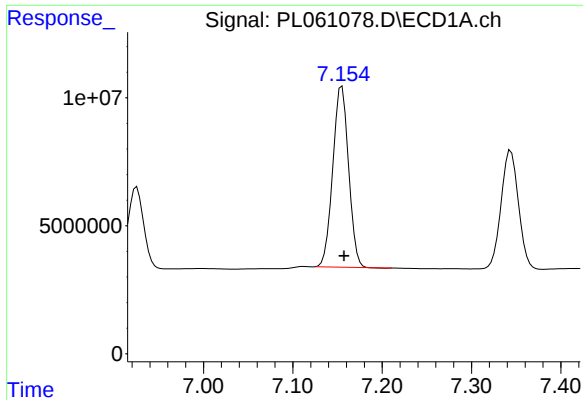
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 39546488  
Conc: 44.05 ng/ml



#20 Methoxychlor

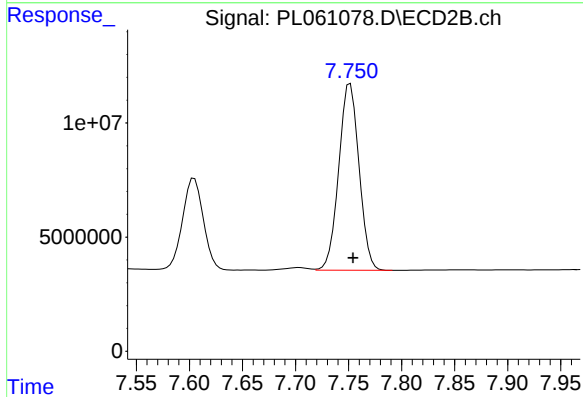
R.T.: 7.605 min  
Delta R.T.: -0.003 min  
Response: 54514668  
Conc: 42.17 ng/ml



#21 Endrin ketone

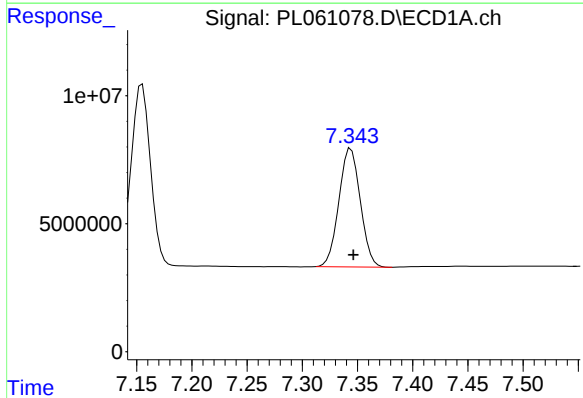
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 86714235  
Conc: 44.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



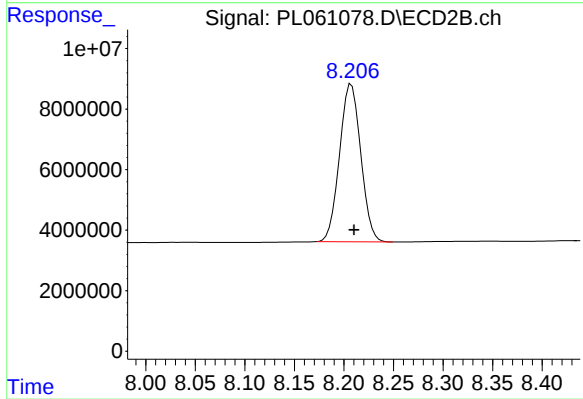
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.003 min  
Response: 108862986  
Conc: 43.74 ng/ml



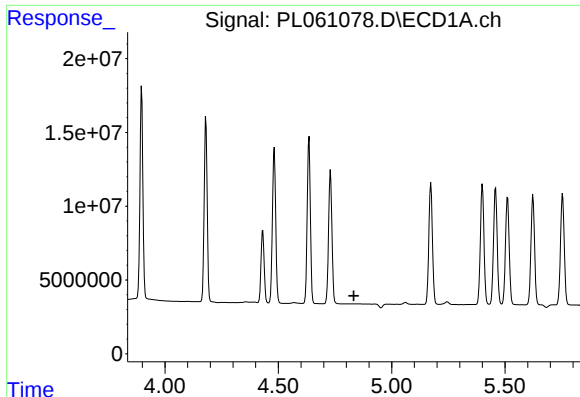
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: -0.002 min  
Response: 62506029  
Conc: 43.89 ng/ml



#22 Mirex

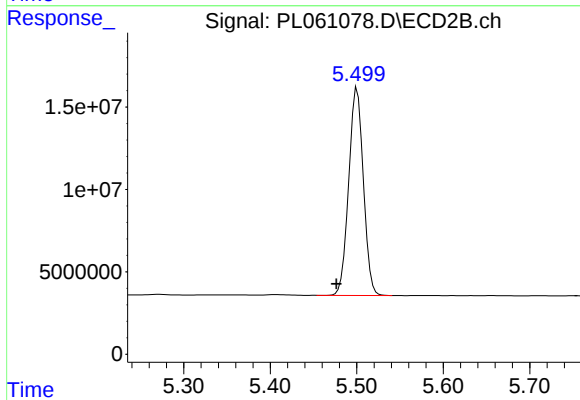
R.T.: 8.207 min  
Delta R.T.: -0.003 min  
Response: 77819371  
Conc: 44.72 ng/ml



#24 Chlordane-2

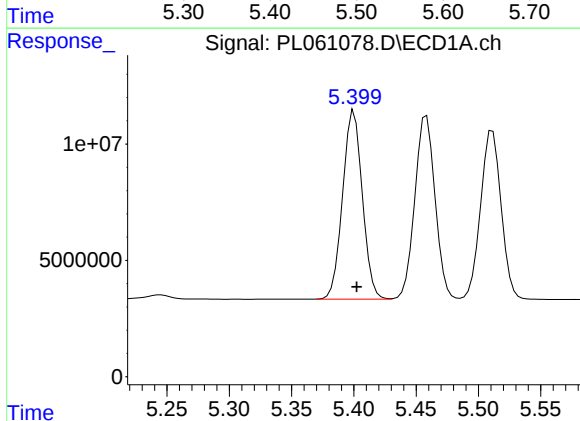
R.T.: 0.000 min  
Exp R.T.: 4.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



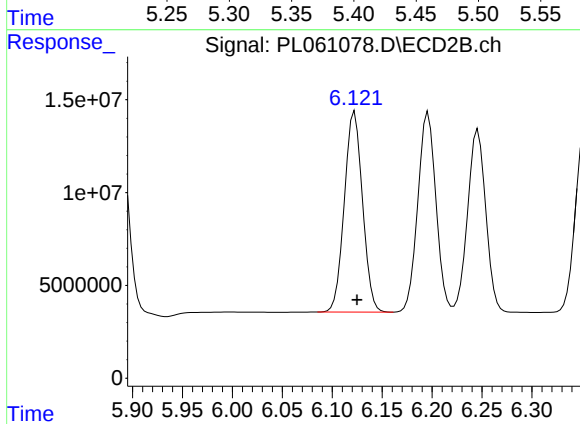
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.024 min  
Response: 147804484  
Conc: 1436.24 ng/ml



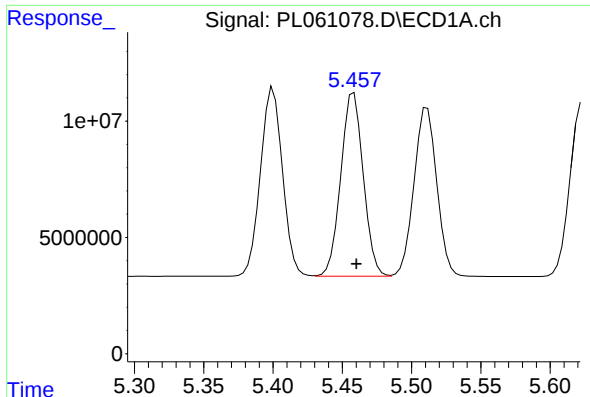
#25 Chlordane-3

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 89714984  
Conc: 497.08 ng/ml



#25 Chlordane-3

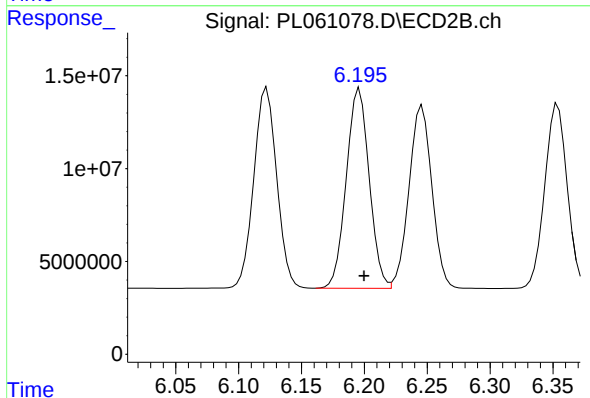
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 136888060  
Conc: 342.49 ng/ml



#26 Chlordane-4

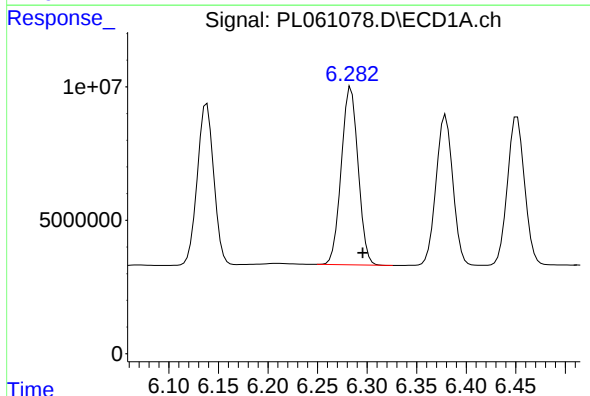
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 89122680  
Conc: 599.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



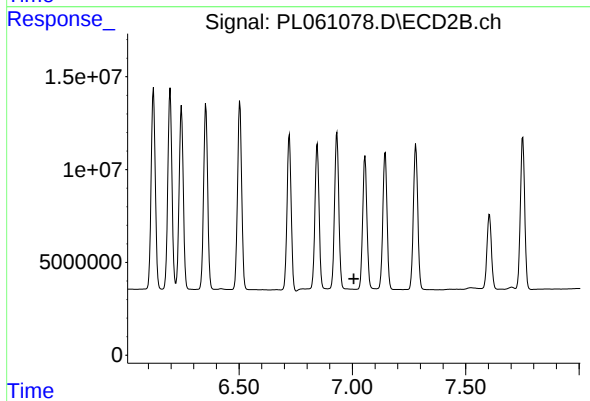
#26 Chlordane-4

R.T.: 6.196 min  
Delta R.T.: -0.004 min  
Response: 136491868  
Conc: 283.93 ng/ml



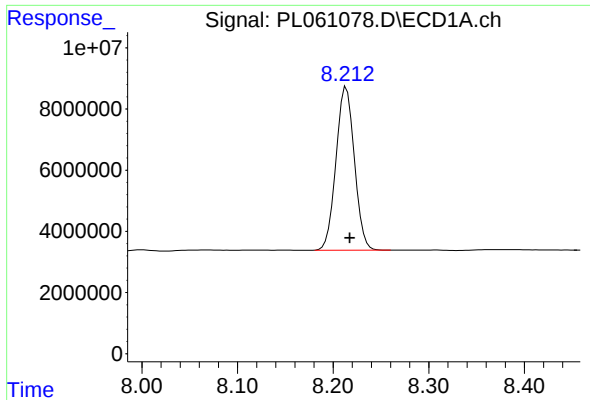
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.012 min  
Response: 78799544  
Conc: 1259.27 ng/ml



#27 Chlordane-5

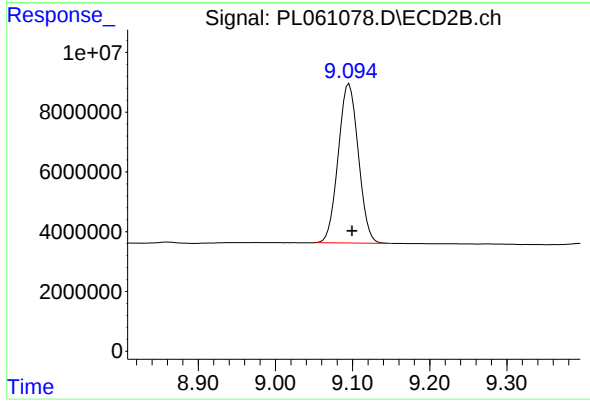
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.003 min  
Response: 71403042  
Conc: 42.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.004 min  
Response: 96356507  
Conc: 45.67 ng/ml