

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092922\  
 Data File : PL077995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2022 18:19  
 Operator : AR\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: Sep 29 23:42:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 2022  
 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... | 3.414  | 2.624  | 77815715 | 135.6E6  | 48.544   | 45.690    |
| 28)                         | SA Decachlor... | 8.902  | 7.719  | 62692645 | 103.2E6  | 48.508   | 41.124    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.116  | 116.3E6  | 211.5E6  | 49.008   | 46.639    |
| 3)                          | MA gamma-BHC... | 4.215  | 3.439  | 108.0E6  | 191.1E6  | 48.818   | 47.332    |
| 4)                          | MA Heptachlor   | 4.790  | 3.771  | 107.6E6  | 182.6E6  | 48.600   | 46.097    |
| 5)                          | MB Aldrin       | 5.130  | 4.044  | 98831804 | 178.1E6  | 49.728   | 46.944    |
| 6)                          | B beta-BHC      | 4.428  | 3.739  | 47402358 | 77334478 | 48.774   | 46.452    |
| 7)                          | B delta-BHC     | 4.671  | 3.962  | 96984962 | 189.4E6  | 47.236   | 46.687    |
| 8)                          | B Heptachlo...  | 5.563  | 4.543  | 91973522 | 155.5E6  | 52.758   | 45.998    |
| 9)                          | A Endosulfan I  | 5.950  | 4.908  | 82305380 | 145.1E6  | 51.067   | 45.979    |
| 10)                         | B gamma-Chl...  | 5.819  | 4.792  | 88511250 | 158.0E6  | 50.552   | 46.350    |
| 11)                         | B alpha-Chl...  | 5.896  | 4.855  | 87013638 | 152.9E6  | 50.375   | 46.173    |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.049  | 82857095 | 153.3E6  | 52.051   | 47.123    |
| 13)                         | MA Dieldrin     | 6.227  | 5.172  | 81481562 | 155.7E6  | 50.483   | 46.964    |
| 14)                         | MA Endrin       | 6.459  | 5.444  | 68509505 | 131.2E6  | 49.537   | 46.002    |
| 15)                         | B Endosulfa...  | 6.687  | 5.740  | 66443609 | 122.6E6  | 48.100   | 46.520    |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.601  | 63560197 | 126.0E6  | 54.285   | 48.621    |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.850  | 60767528 | 117.1E6  | 47.957   | 44.451    |
| 18)                         | B Endrin al...  | 6.818  | 5.919  | 54837564 | 98332061 | 51.857   | 47.652    |
| 19)                         | B Endosulfa...  | 7.051  | 6.142  | 63240009 | 122.7E6  | 49.383   | 45.611    |
| 20)                         | A Methoxychlor  | 7.392  | 6.427  | 31167176 | 59719726 | 47.191   | 43.609    |
| 21)                         | B Endrin ke...  | 7.539  | 6.641  | 67524401 | 137.5E6  | 48.867   | 45.404    |
| 22)                         | Mirex           | 7.999  | 6.817  | 50734907 | 96399465 | 48.320   | 44.840    |
| 23)                         | Chlordane-1     | 0.000  | 3.614  | 0        | 1488981  | N.D.     | 13.703 #  |
| 24)                         | Chlordane-2     | 5.130f | 4.188f | 98831804 | 184240   | 1482.306 | 1.538 #   |
| 25)                         | Chlordane-3     | 5.819  | 4.792  | 88511250 | 158.0E6  | 359.419  | 459.252 # |
| 26)                         | Chlordane-4     | 5.896  | 4.855  | 87013638 | 152.9E6  | 292.414  | 421.450 # |
| 27)                         | Chlordane-5     | 0.000  | 5.524  | 0        | 167451   | N.D.     | 1.780 #   |
| -----                       |                 |        |        |          |          |          |           |

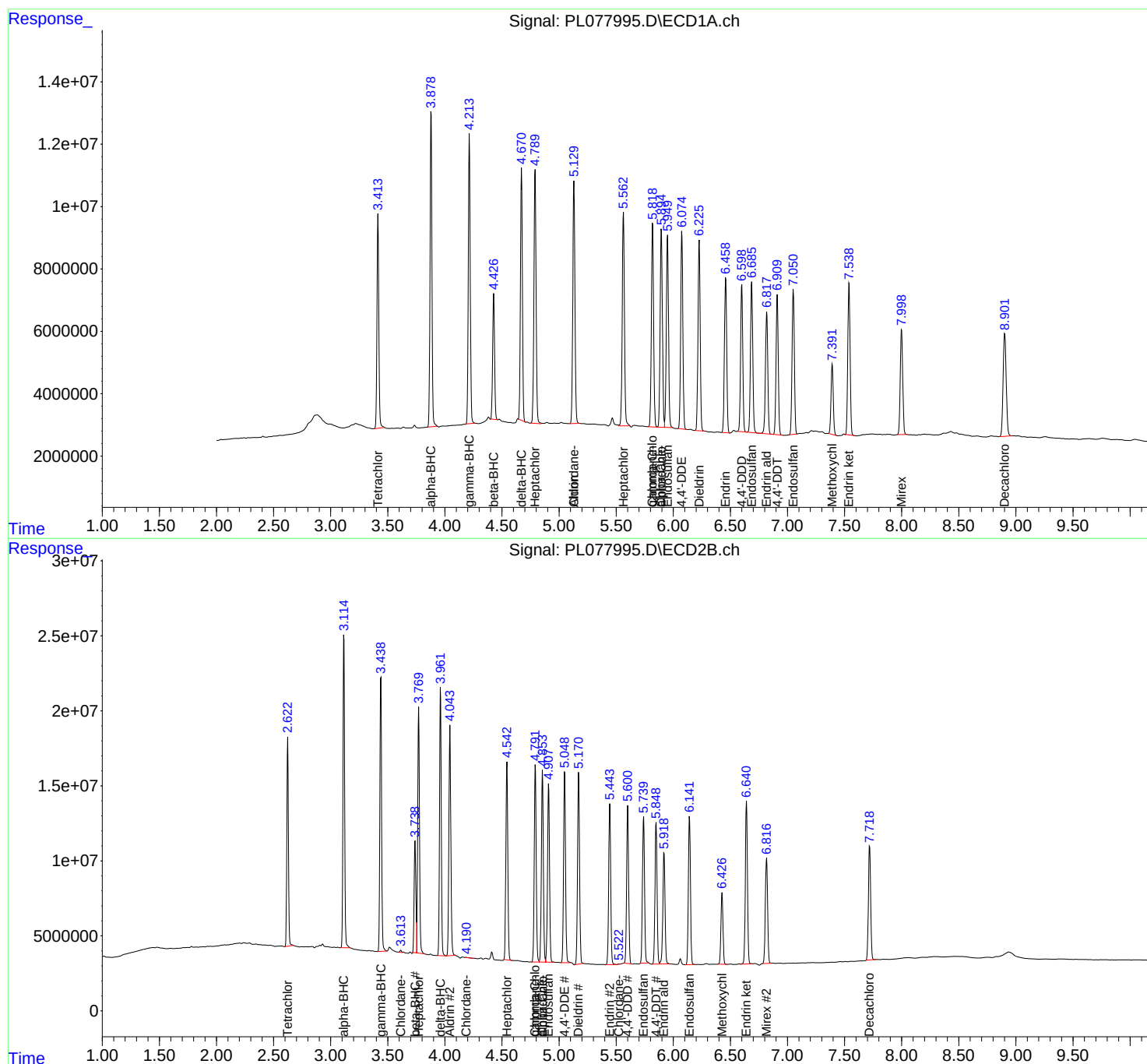
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

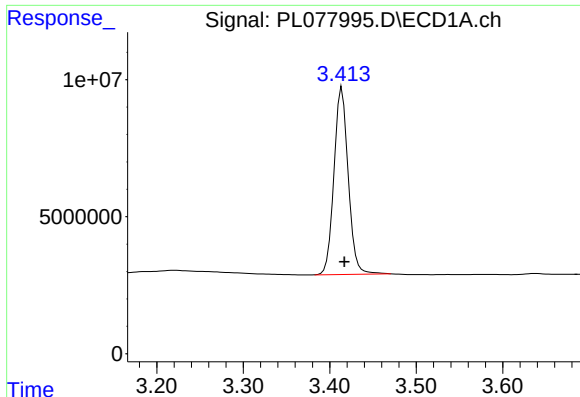
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092922\  
Data File : PL077995.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2022 18:19  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 29 23:42:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 2022  
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

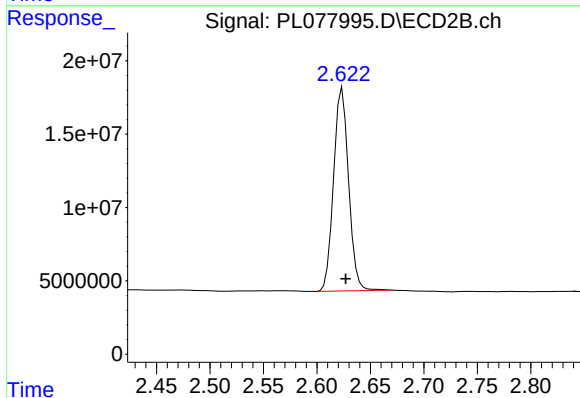




#1 Tetrachloro-m-xylene

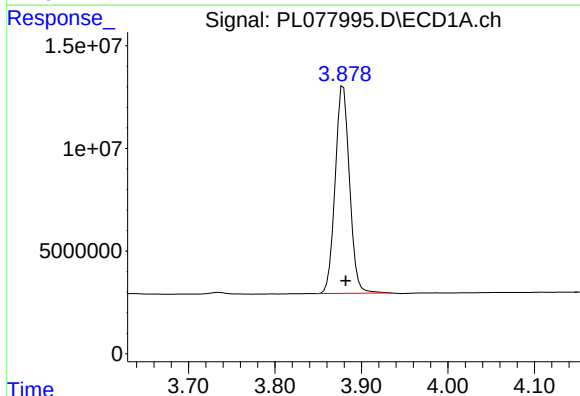
R.T.: 3.414 min  
Delta R.T.: -0.003 min  
Response: 77815715  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



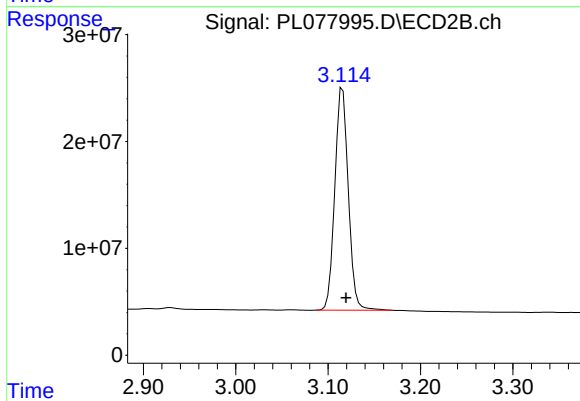
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.003 min  
Response: 135641076  
Conc: 45.69 ng/ml



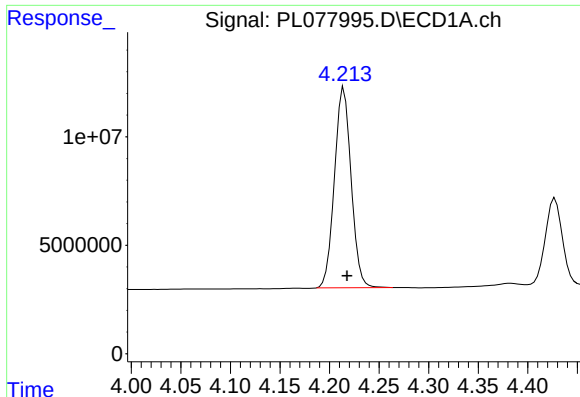
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.003 min  
Response: 116301331  
Conc: 49.01 ng/ml



#2 alpha-BHC

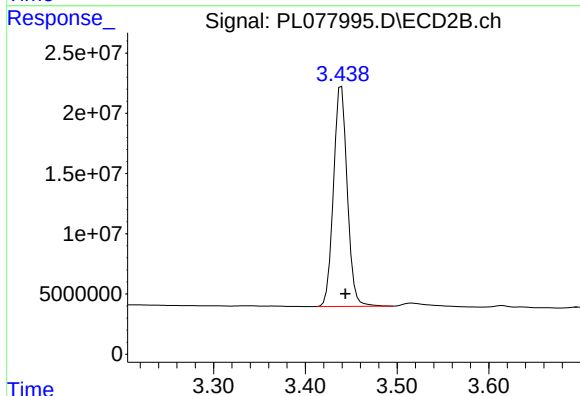
R.T.: 3.116 min  
Delta R.T.: -0.004 min  
Response: 211514245  
Conc: 46.64 ng/ml



#3 gamma-BHC (Lindane)

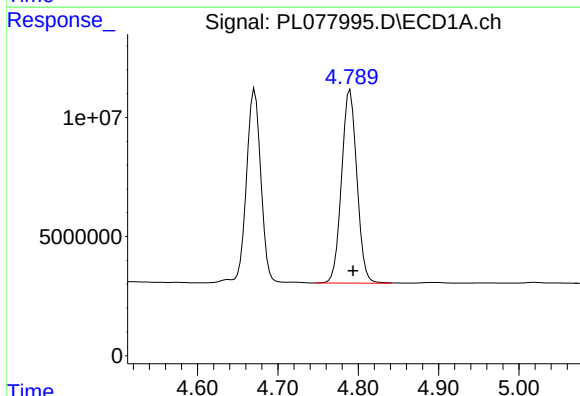
R.T.: 4.215 min  
Delta R.T.: -0.003 min  
Response: 108004925  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



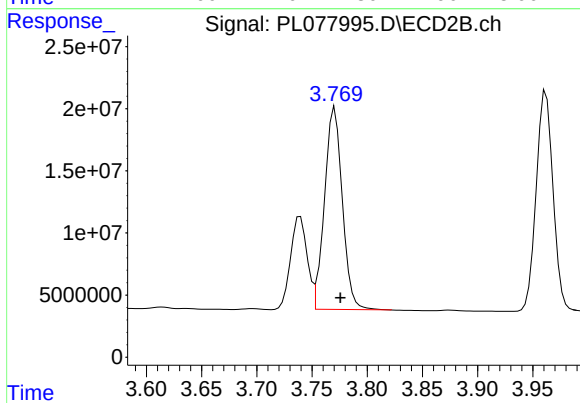
#3 gamma-BHC (Lindane)

R.T.: 3.439 min  
Delta R.T.: -0.004 min  
Response: 191137582  
Conc: 47.33 ng/ml



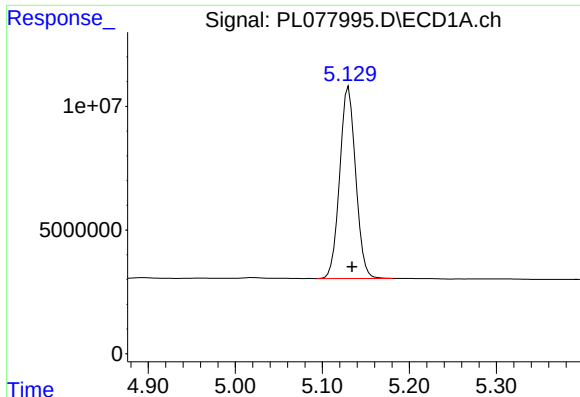
#4 Heptachlor

R.T.: 4.790 min  
Delta R.T.: -0.004 min  
Response: 107603916  
Conc: 48.60 ng/ml



#4 Heptachlor

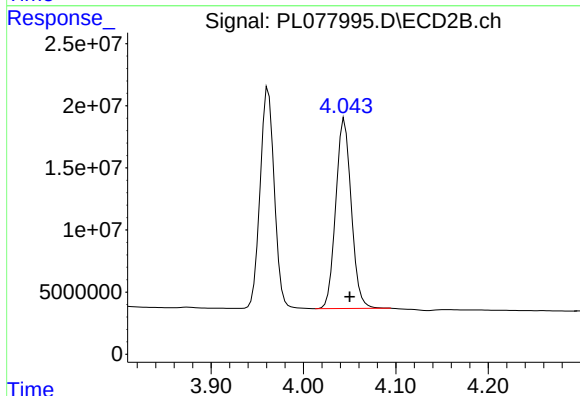
R.T.: 3.771 min  
Delta R.T.: -0.005 min  
Response: 182571019  
Conc: 46.10 ng/ml



#5 Aldrin

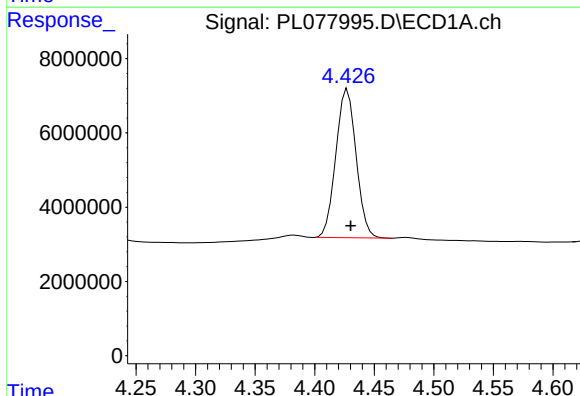
R.T.: 5.130 min  
Delta R.T.: -0.004 min  
Response: 98831804  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



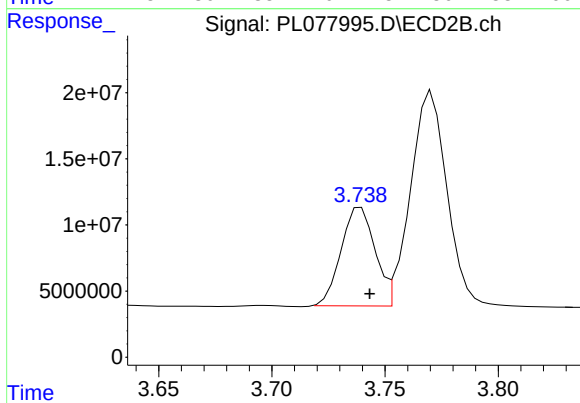
#5 Aldrin

R.T.: 4.044 min  
Delta R.T.: -0.006 min  
Response: 178148198  
Conc: 46.94 ng/ml



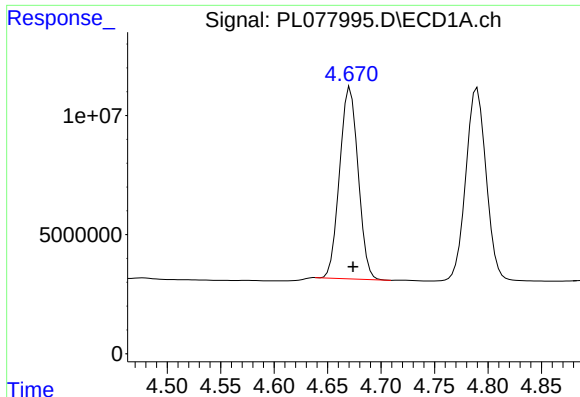
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 47402358  
Conc: 48.77 ng/ml



#6 beta-BHC

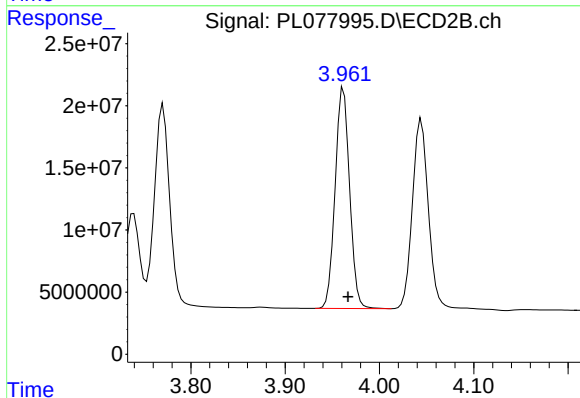
R.T.: 3.739 min  
Delta R.T.: -0.004 min  
Response: 77334478  
Conc: 46.45 ng/ml



#7 delta-BHC

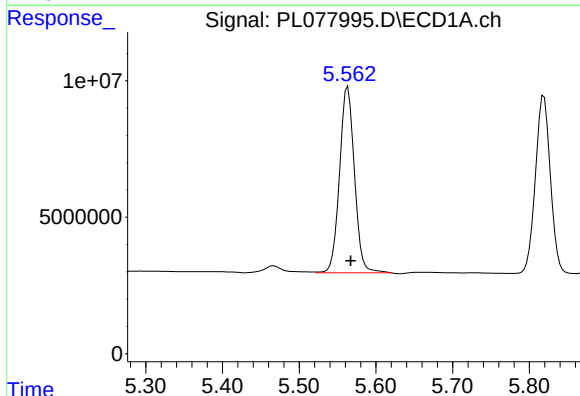
R.T.: 4.671 min  
Delta R.T.: -0.002 min  
Response: 96984962  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



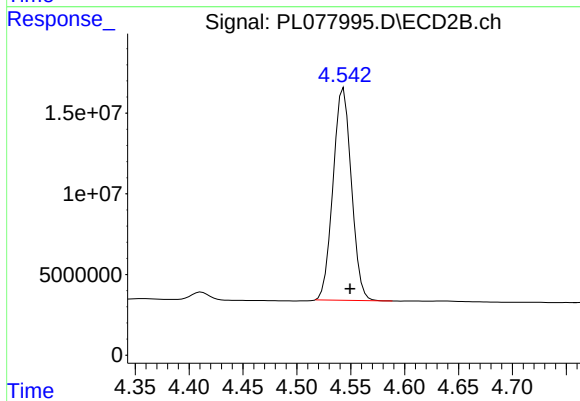
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: -0.005 min  
Response: 189447181  
Conc: 46.69 ng/ml



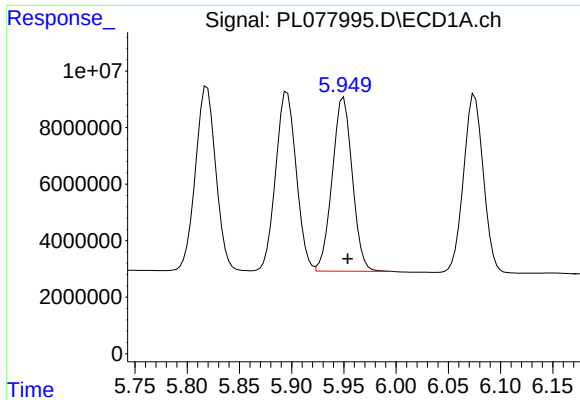
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 91973522  
Conc: 52.76 ng/ml



#8 Heptachlor epoxide

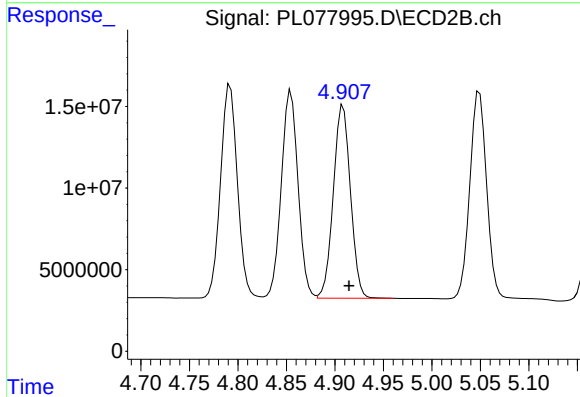
R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 155537967  
Conc: 46.00 ng/ml



#9 Endosulfan I

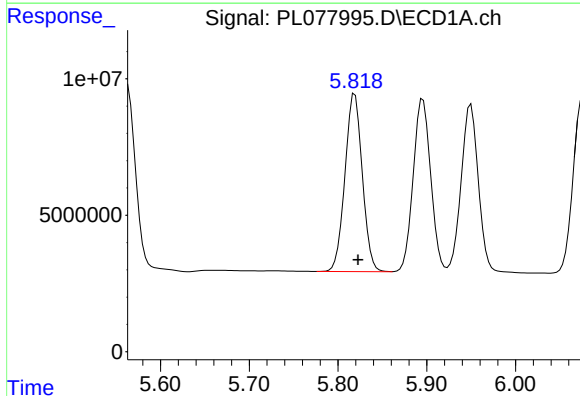
R.T.: 5.950 min  
Delta R.T.: -0.004 min  
Response: 82305380  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



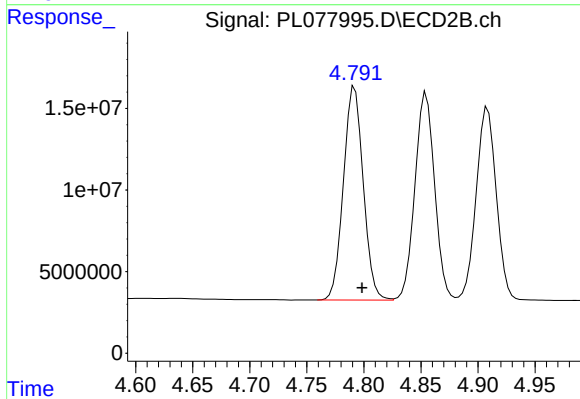
#9 Endosulfan I

R.T.: 4.908 min  
Delta R.T.: -0.006 min  
Response: 145075927  
Conc: 45.98 ng/ml



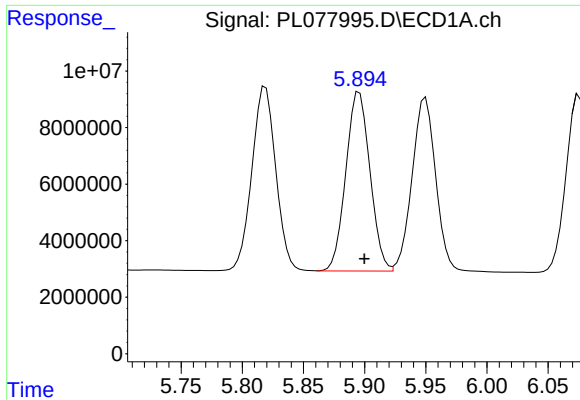
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 88511250  
Conc: 50.55 ng/ml



#10 gamma-Chlordane

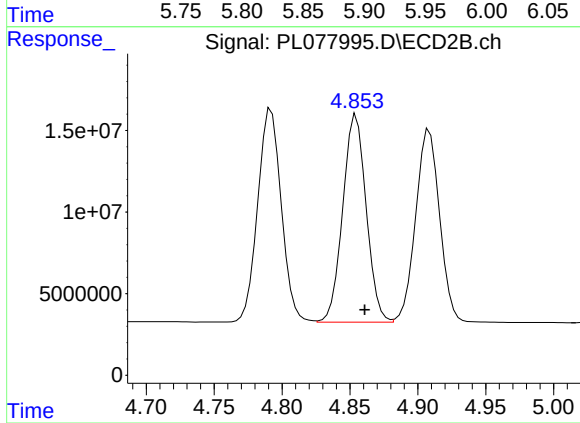
R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 157977035  
Conc: 46.35 ng/ml



#11 alpha-Chlordane

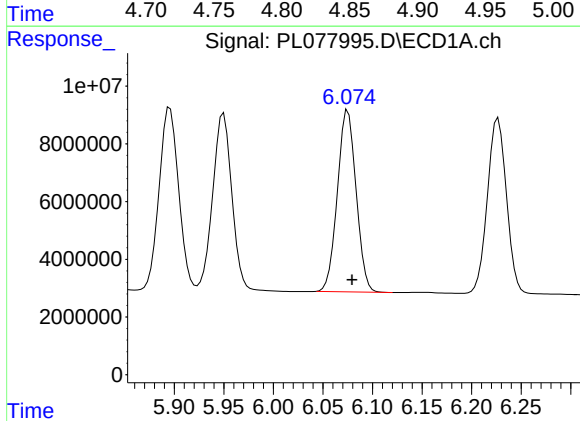
R.T.: 5.896 min  
Delta R.T.: -0.004 min  
Response: 87013638  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



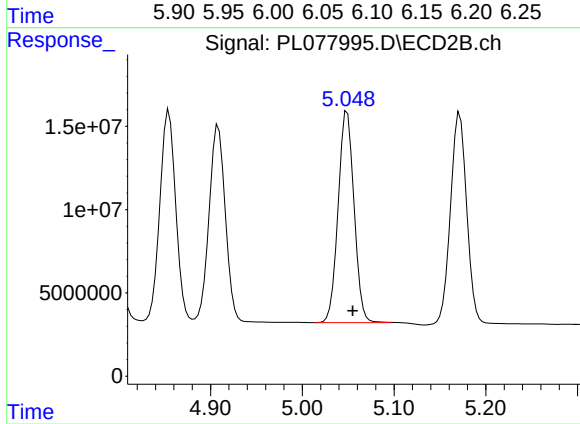
#11 alpha-Chlordane

R.T.: 4.855 min  
Delta R.T.: -0.006 min  
Response: 152909687  
Conc: 46.17 ng/ml



#12 4,4'-DDE

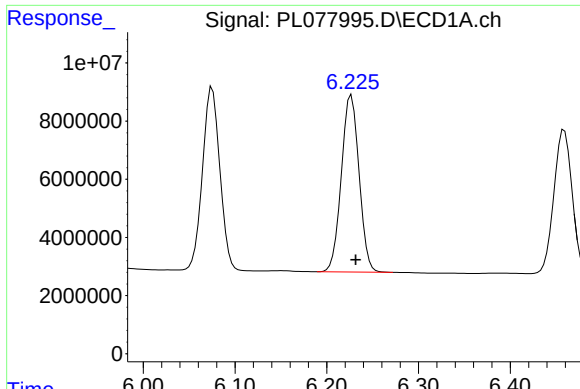
R.T.: 6.075 min  
Delta R.T.: -0.004 min  
Response: 82857095  
Conc: 52.05 ng/ml



#12 4,4'-DDE

R.T.: 5.049 min  
Delta R.T.: -0.006 min  
Response: 153330121  
Conc: 47.12 ng/ml

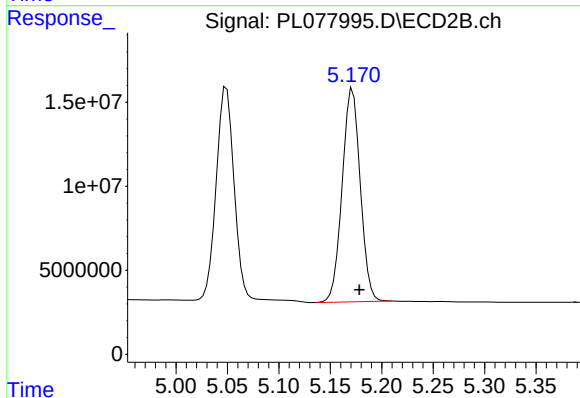




#13 Dieldrin

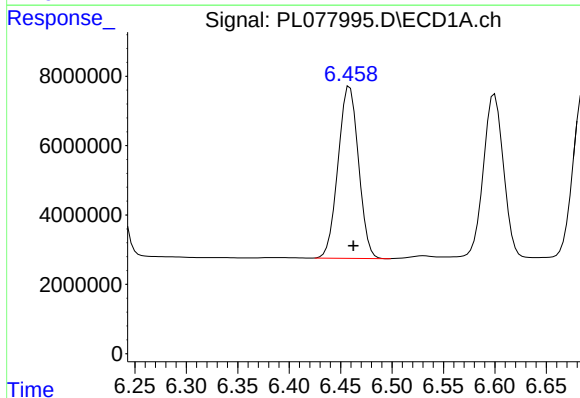
R.T.: 6.227 min  
Delta R.T.: -0.005 min  
Response: 81481562  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



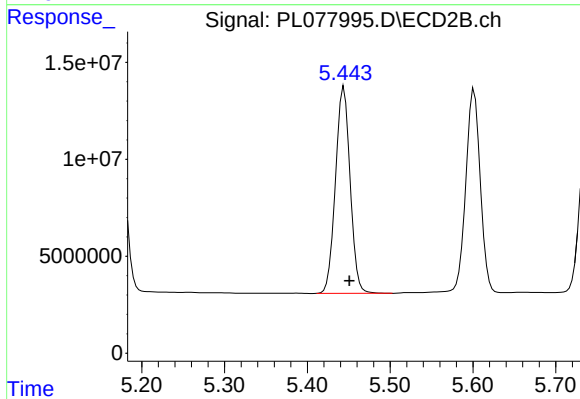
#13 Dieldrin

R.T.: 5.172 min  
Delta R.T.: -0.006 min  
Response: 155717284  
Conc: 46.96 ng/ml



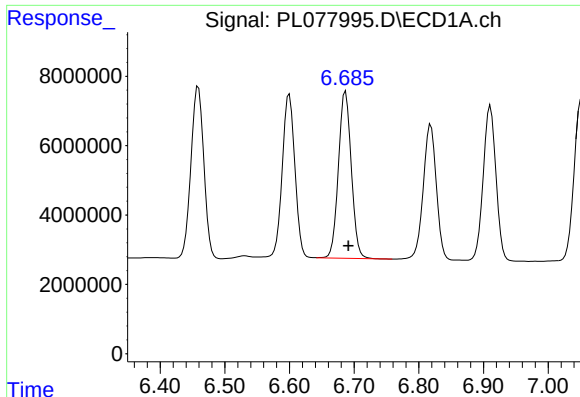
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: -0.004 min  
Response: 68509505  
Conc: 49.54 ng/ml



#14 Endrin

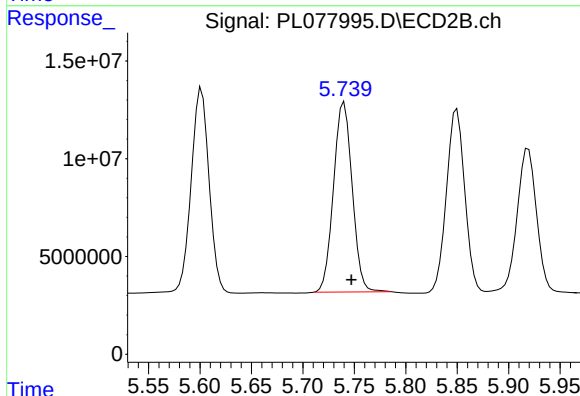
R.T.: 5.444 min  
Delta R.T.: -0.006 min  
Response: 131172802  
Conc: 46.00 ng/ml



#15 Endosulfan II

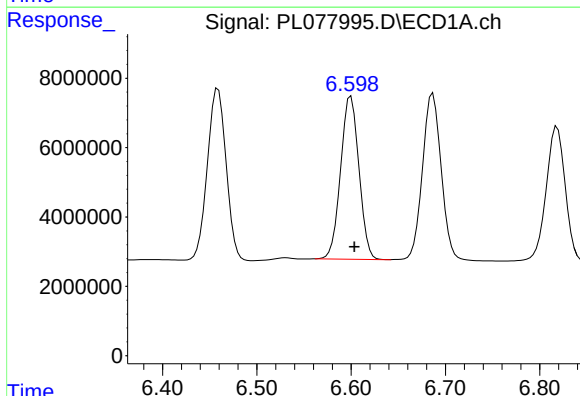
R.T.: 6.687 min  
Delta R.T.: -0.004 min  
Response: 66443609  
Conc: 48.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



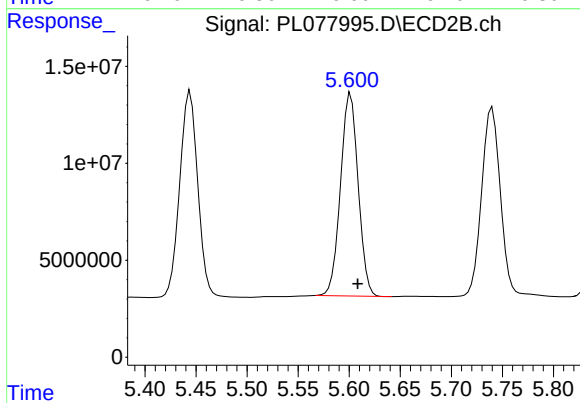
#15 Endosulfan II

R.T.: 5.740 min  
Delta R.T.: -0.007 min  
Response: 122588606  
Conc: 46.52 ng/ml



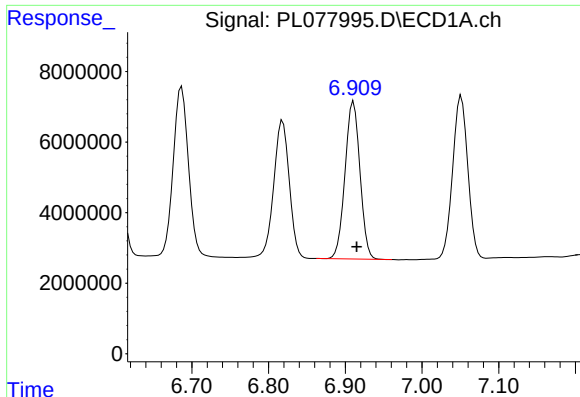
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.004 min  
Response: 63560197  
Conc: 54.29 ng/ml



#16 4,4'-DDD

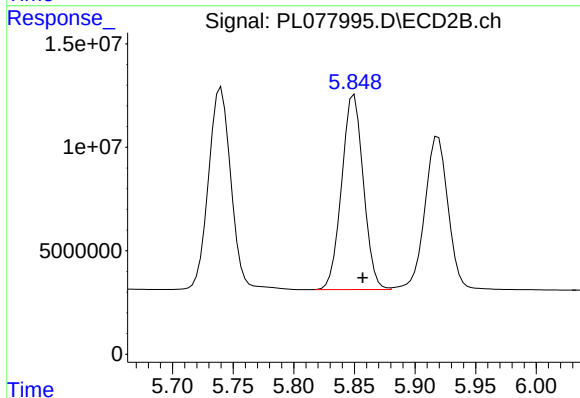
R.T.: 5.601 min  
Delta R.T.: -0.007 min  
Response: 125956358  
Conc: 48.62 ng/ml



#17 4,4'-DDT

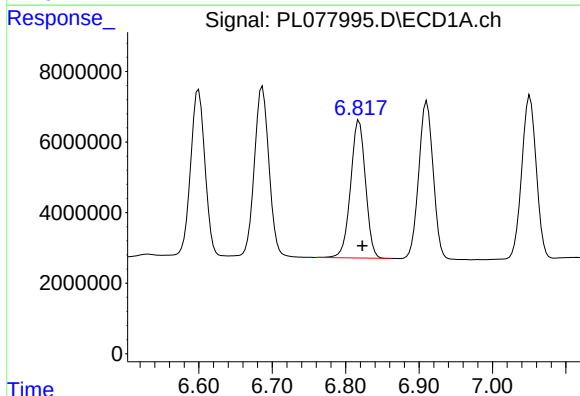
R.T.: 6.911 min  
Delta R.T.: -0.004 min  
Response: 60767528  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



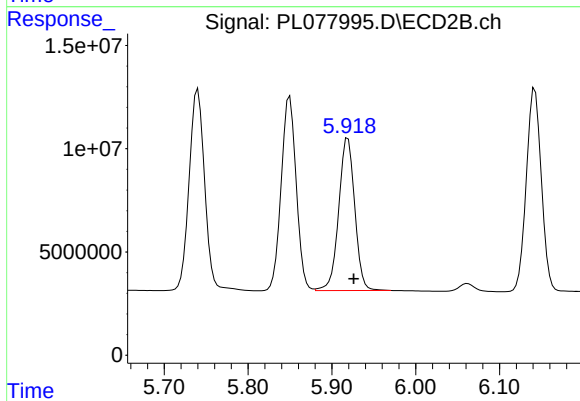
#17 4,4'-DDT

R.T.: 5.850 min  
Delta R.T.: -0.007 min  
Response: 117118076  
Conc: 44.45 ng/ml



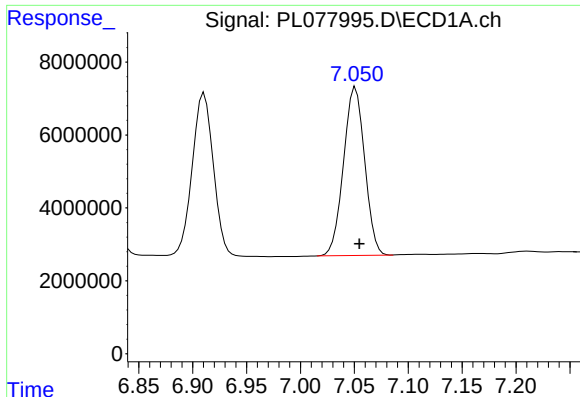
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: -0.005 min  
Response: 54837564  
Conc: 51.86 ng/ml



#18 Endrin aldehyde

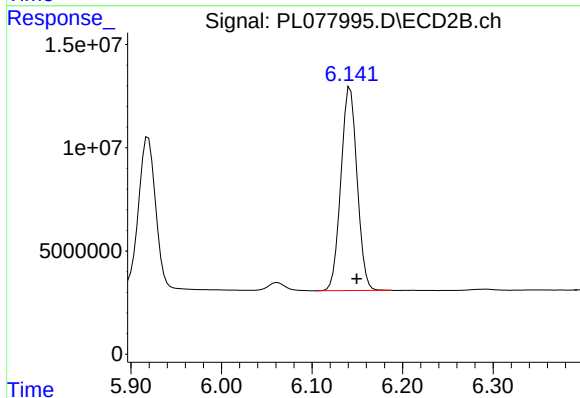
R.T.: 5.919 min  
Delta R.T.: -0.007 min  
Response: 98332061  
Conc: 47.65 ng/ml



#19 Endosulfan Sulfate

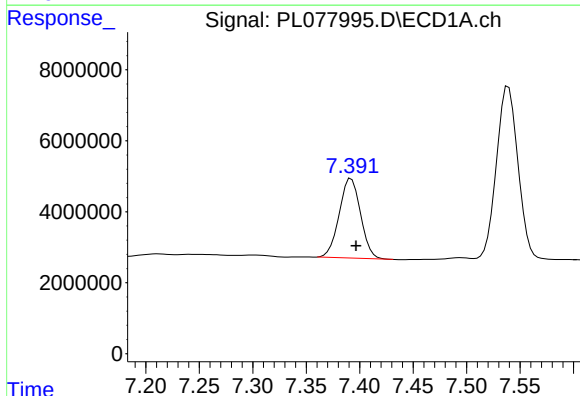
R.T.: 7.051 min  
Delta R.T.: -0.004 min  
Response: 63240009  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



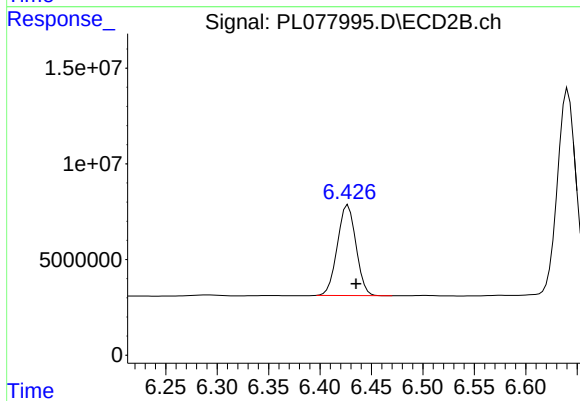
#19 Endosulfan Sulfate

R.T.: 6.142 min  
Delta R.T.: -0.007 min  
Response: 122655433  
Conc: 45.61 ng/ml



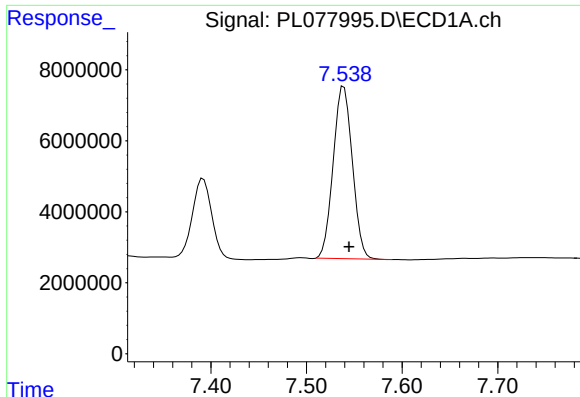
#20 Methoxychlor

R.T.: 7.392 min  
Delta R.T.: -0.005 min  
Response: 31167176  
Conc: 47.19 ng/ml



#20 Methoxychlor

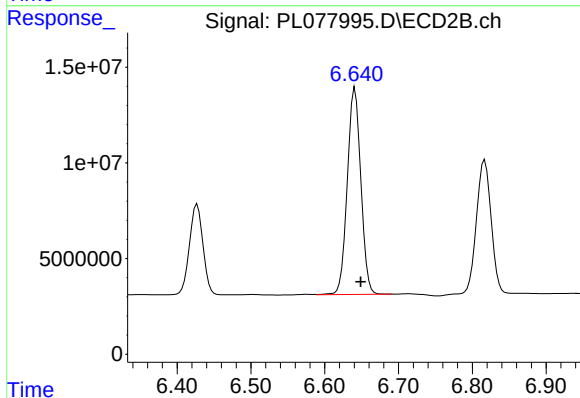
R.T.: 6.427 min  
Delta R.T.: -0.008 min  
Response: 59719726  
Conc: 43.61 ng/ml



#21 Endrin ketone

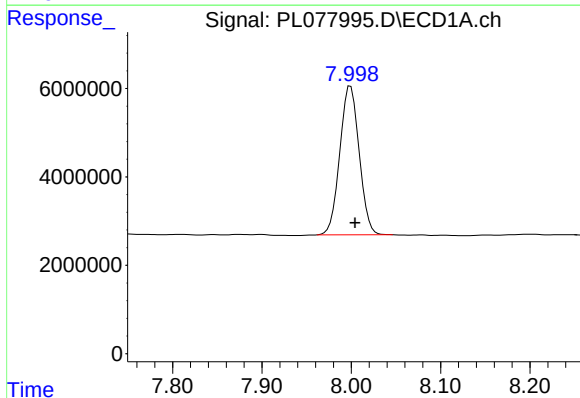
R.T.: 7.539 min  
Delta R.T.: -0.005 min  
Response: 67524401  
Conc: 48.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



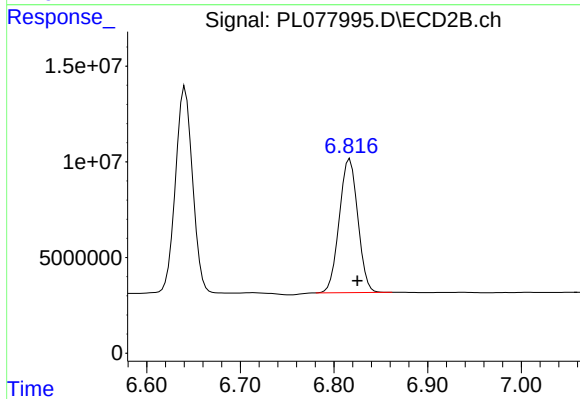
#21 Endrin ketone

R.T.: 6.641 min  
Delta R.T.: -0.008 min  
Response: 137499916  
Conc: 45.40 ng/ml



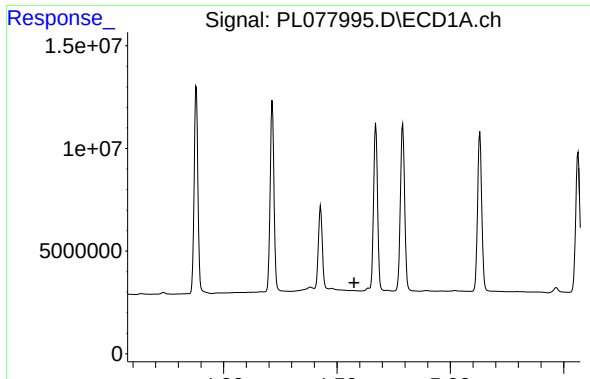
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: -0.005 min  
Response: 50734907  
Conc: 48.32 ng/ml



#22 Mirex

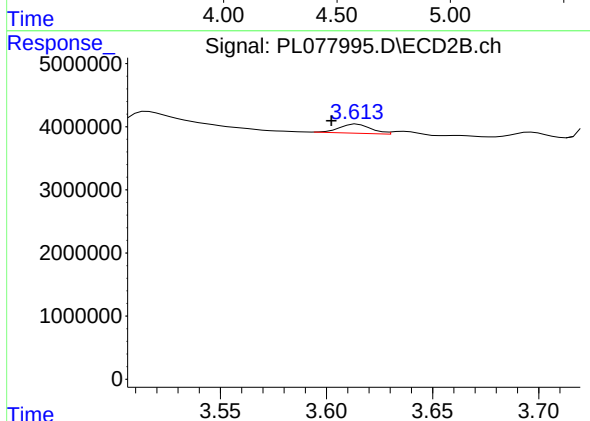
R.T.: 6.817 min  
Delta R.T.: -0.008 min  
Response: 96399465  
Conc: 44.84 ng/ml



#23 Chlordane-1

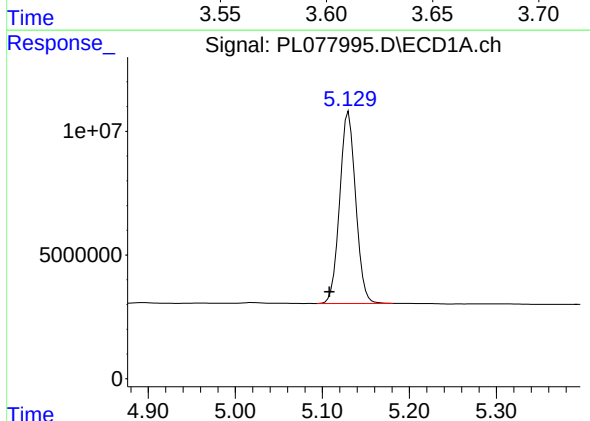
R.T.: 0.000 min  
Exp R.T.: 4.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



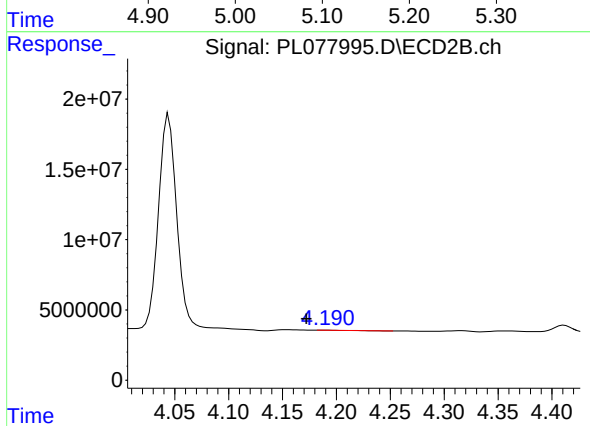
#23 Chlordane-1

R.T.: 3.614 min  
Delta R.T.: 0.012 min  
Response: 1488981  
Conc: 13.70 ng/ml



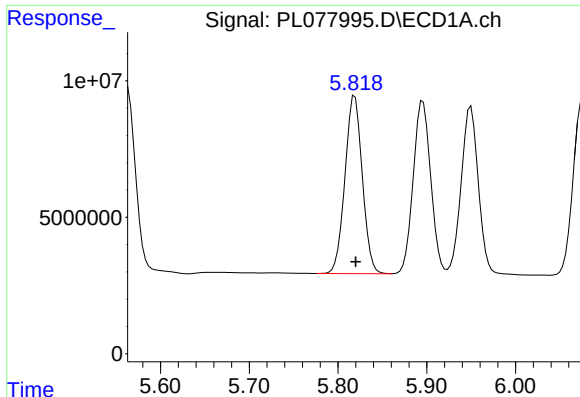
#24 Chlordane-2

R.T.: 5.130 min  
Delta R.T.: 0.022 min  
Response: 98831804  
Conc: 1482.31 ng/ml



#24 Chlordane-2

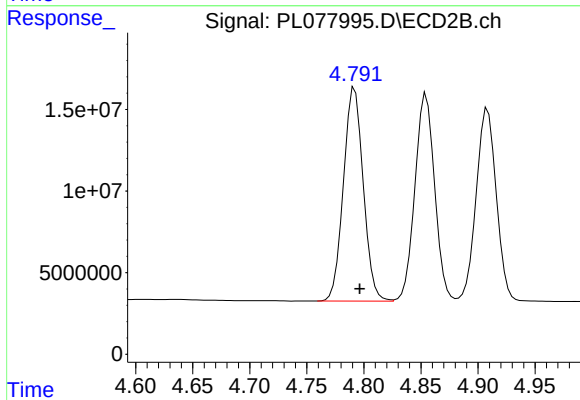
R.T.: 4.188 min  
Delta R.T.: 0.016 min  
Response: 184240  
Conc: 1.54 ng/ml



#25 Chlordane-3

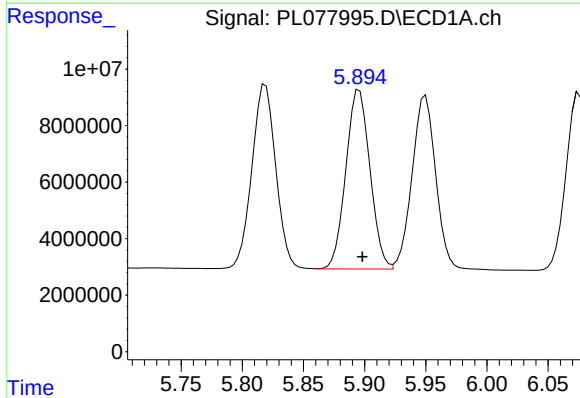
R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 88511250  
Conc: 359.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



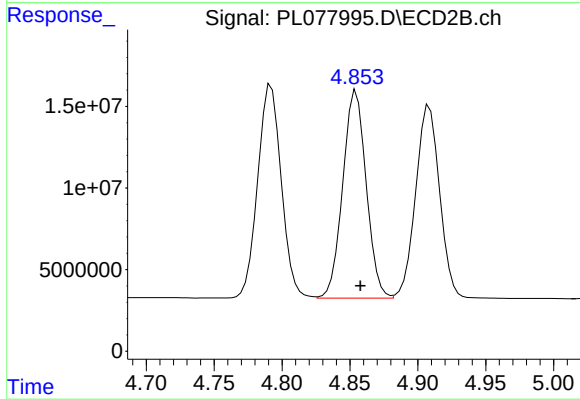
#25 Chlordane-3

R.T.: 4.792 min  
Delta R.T.: -0.005 min  
Response: 157977035  
Conc: 459.25 ng/ml



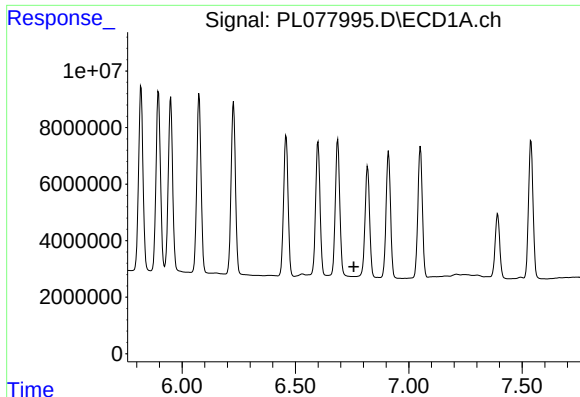
#26 Chlordane-4

R.T.: 5.896 min  
Delta R.T.: -0.003 min  
Response: 87013638  
Conc: 292.41 ng/ml



#26 Chlordane-4

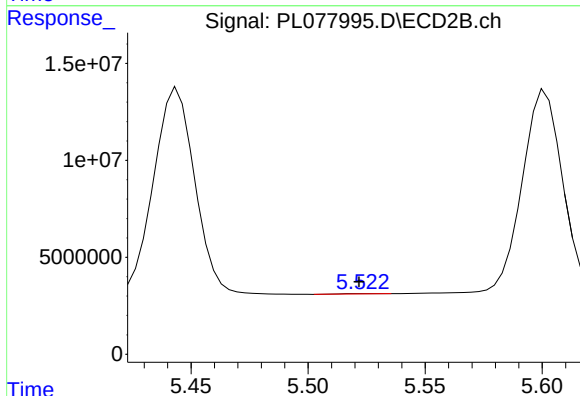
R.T.: 4.855 min  
Delta R.T.: -0.003 min  
Response: 152909687  
Conc: 421.45 ng/ml



#27 Chlordane-5

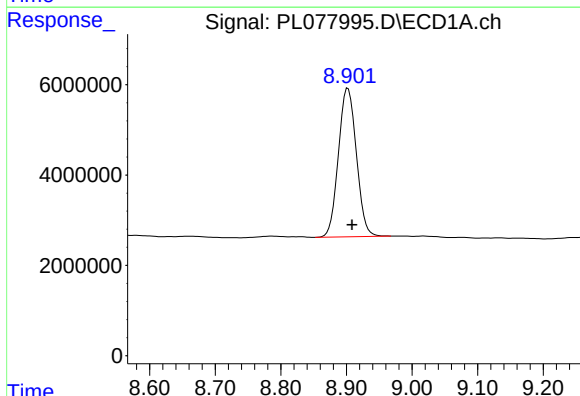
R.T.: 0.000 min  
Exp R.T.: 6.757 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



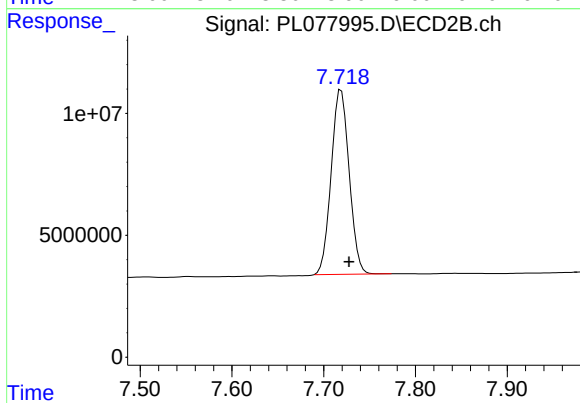
#27 Chlordane-5

R.T.: 5.524 min  
Delta R.T.: 0.002 min  
Response: 167451  
Conc: 1.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: -0.006 min  
Response: 62692645  
Conc: 48.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.719 min  
Delta R.T.: -0.008 min  
Response: 103230536  
Conc: 41.12 ng/ml