

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102220\  
 Data File : PL062542.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2020 21:19  
 Operator : DD\AJ  
 Sample : L4455-03  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 04:53:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.411  | 3.953  | 102.0E6   | 39674478 | 59.286   | 13.501 #  |
| 28)                         | SA Decachlor... | 8.127  | 8.990  | 31380468  | 26028131 | 19.560   | 12.436 #  |
| Target Compounds            |                 |        |        |           |          |          |           |
| 2)                          | A alpha-BHC     | 3.874f | 4.338  | -29200908 | 322.9E6  | N.D.     | 72.679    |
| 3)                          | MA gamma-BHC... | 4.124  | 0.000  | 385.3E6   | 0        | 166.300  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.427  | 5.126  | 8794835   | 97462314 | 4.099    | 24.439 #  |
| 5)                          | MB Aldrin       | 4.673  | 5.403f | 1052401   | 44307681 | 0.551    | 12.241 #  |
| 7)                          | B delta-BHC     | 4.572  | 5.023f | 2255729   | -1549924 | 1.038    | N.D. #    |
| 8)                          | B Heptachlo...  | 5.112  | 0.000  | 13010881  | 0        | 7.131    | N.D. #    |
| 9)                          | A Endosulfan I  | 5.444  | 6.152f | 6782492   | 137.3E6  | 4.057    | 43.520 #  |
| 10)                         | B gamma-Chl...  | 5.342  | 6.034  | 2204622   | 70683255 | 1.224    | 20.997 #  |
| 11)                         | B alpha-Chl...  | 5.376  | 6.100f | 204.8E6   | 53162230 | 113.265  | 15.780 #  |
| 12)                         | B 4,4'-DDE      | 5.552  | 6.279  | 1405919   | 16972660 | 0.850    | 5.268 #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.415  | 0         | 16998064 | N.D.     | 5.310 #   |
| 14)                         | MA Endrin       | 5.938  | 6.672f | 2405829   | 5540303  | 1.446    | 1.985 #   |
| 15)                         | B Endosulfa...  | 6.224f | 6.869f | -11291499 | 30975990 | N.D.     | 10.836    |
| 16)                         | A 4,4'-DDD      | 6.070  | 6.762  | 1269266   | 16055454 | 0.897    | 6.272 #   |
| 18)                         | B Endrin al...  | 6.370  | 6.991  | 1782714   | 119.0E6  | 1.228    | 52.171 #  |
| 19)                         | B Endosulfa...  | 6.577  | 7.199  | 1910477   | 3399731  | 1.158    | 1.417     |
| 20)                         | A Methoxychlor  | 6.850  | 7.514  | 11773237  | 18072856 | 13.669   | 14.628    |
| 21)                         | B Endrin ke...  | 7.078  | 7.694f | 2078227   | 1580554  | 1.153    | 0.667 #   |
| 22)                         | Mirex           | 7.277f | 8.113  | 7611596   | 8725181  | 5.369    | 5.120     |
| 23)                         | Chlordane-1     | 4.278  | 0.000  | 26043915  | 0        | 505.218  | N.D. #    |
| 24)                         | Chlordane-2     | 4.785f | 5.403  | 9050390   | 44307681 | 157.016  | 406.358 # |
| 25)                         | Chlordane-3     | 5.342  | 6.034  | 2204622   | 70683255 | 14.397   | 174.984 # |
| 26)                         | Chlordane-4     | 5.376  | 6.100f | 204.8E6   | 53162230 | 1571.889 | 109.774 # |
| 27)                         | Chlordane-5     | 6.224  | 6.923  | -11291499 | 44599375 | N.D.     | 597.889   |
| -----                       |                 |        |        |           |          |          |           |

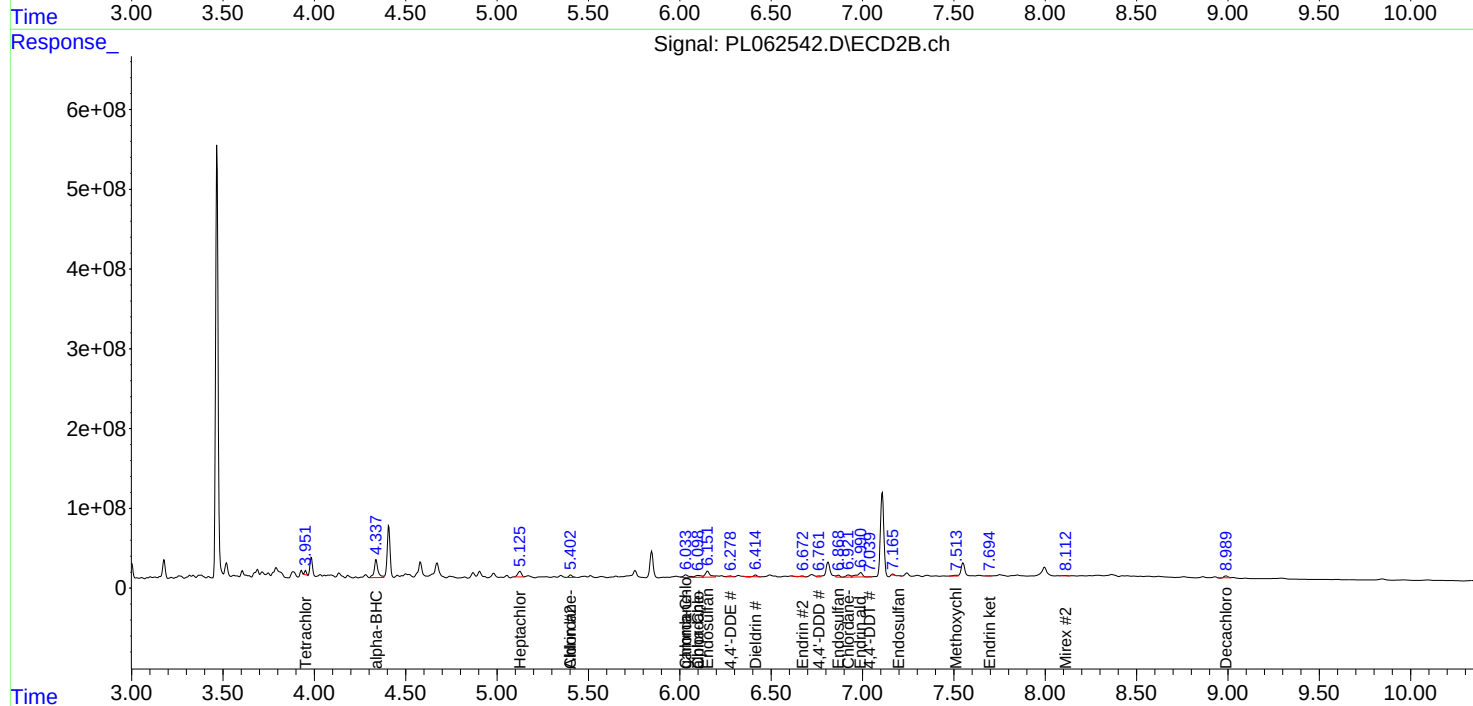
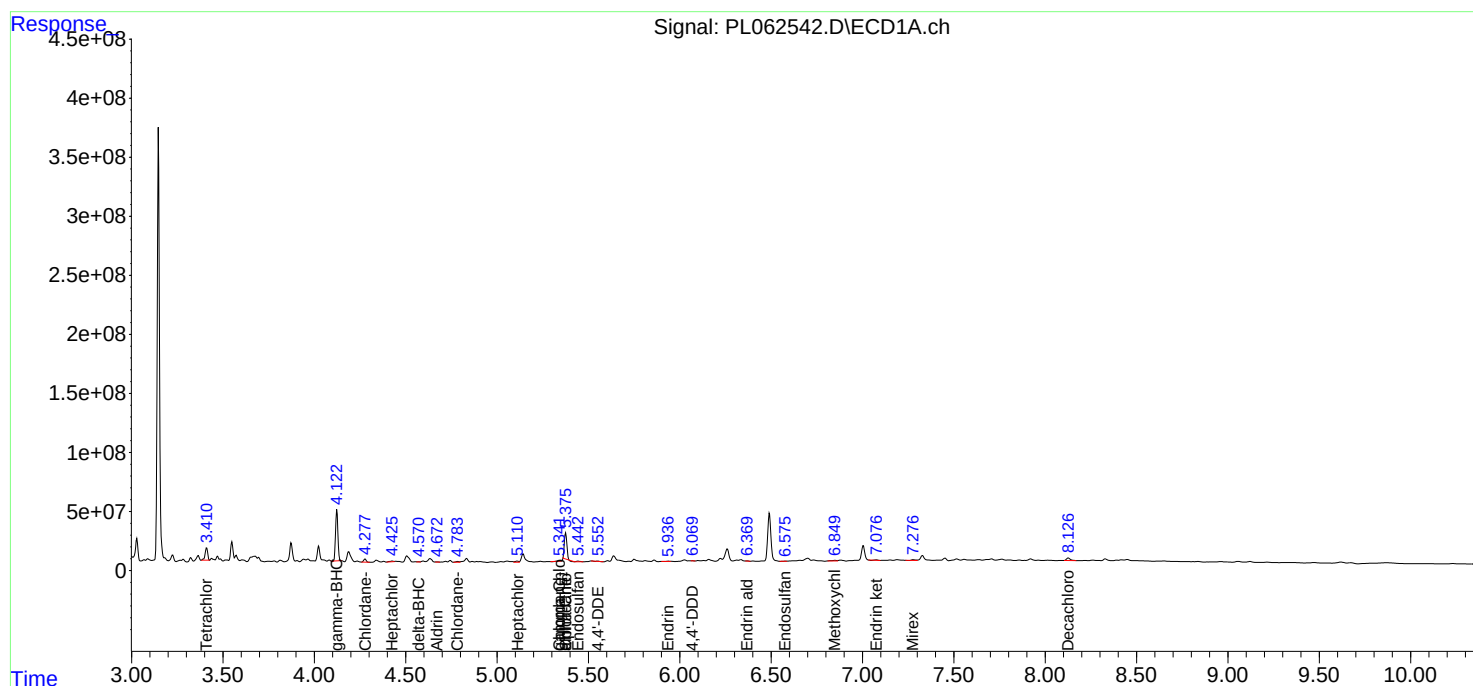
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

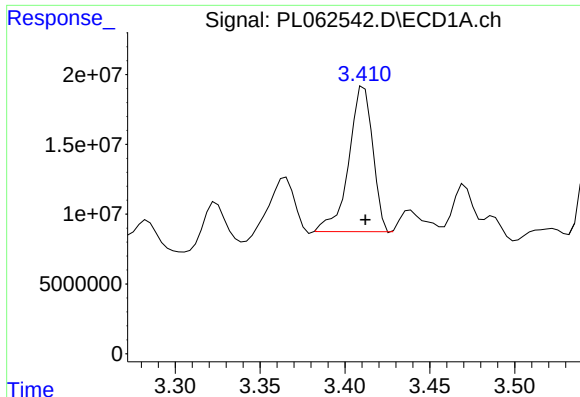
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102220\  
Data File : PL062542.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2020 21:19  
Operator : DD\AJ  
Sample : L4455-03  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 04:53:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

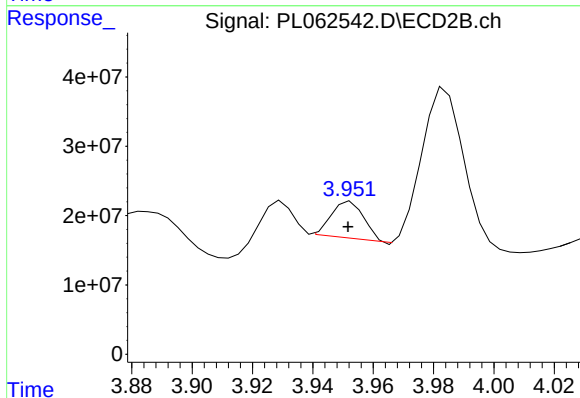




#1 Tetrachloro-m-xylene

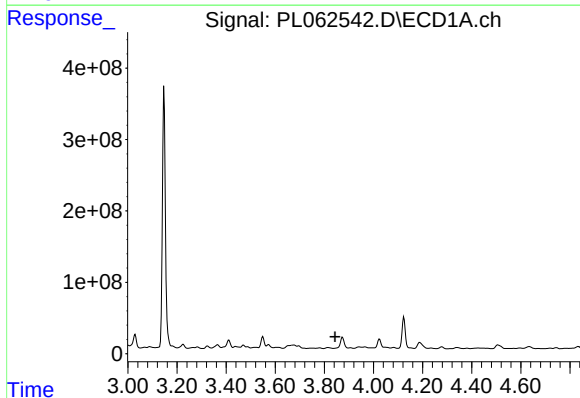
R.T.: 3.411 min  
Delta R.T.: 0.000 min  
Response: 101976403  
Conc: 59.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



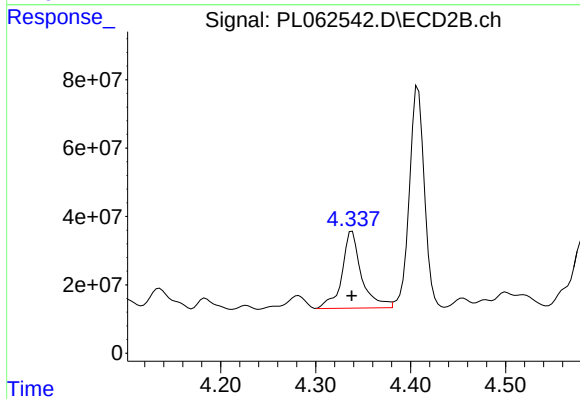
#1 Tetrachloro-m-xylene

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 39674478  
Conc: 13.50 ng/ml



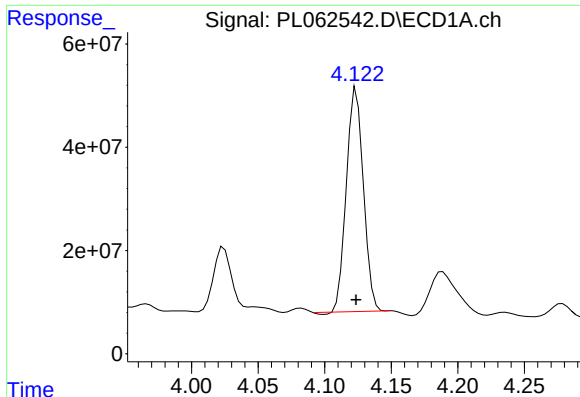
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: 0.030 min  
Response: -29200908  
Conc: N.D.



#2 alpha-BHC

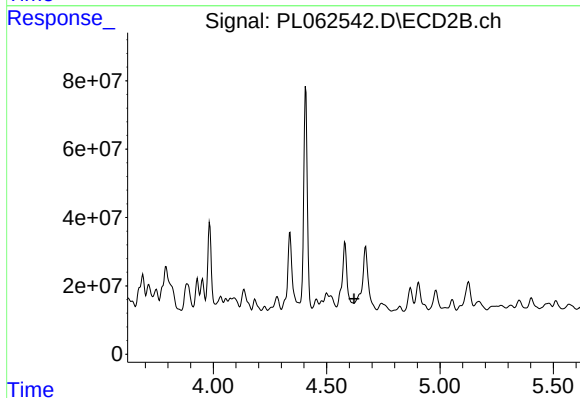
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 322927641  
Conc: 72.68 ng/ml



#3 gamma-BHC (Lindane)

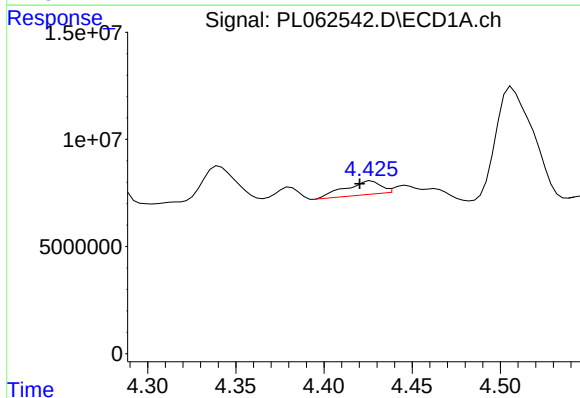
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 385262474  
Conc: 166.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



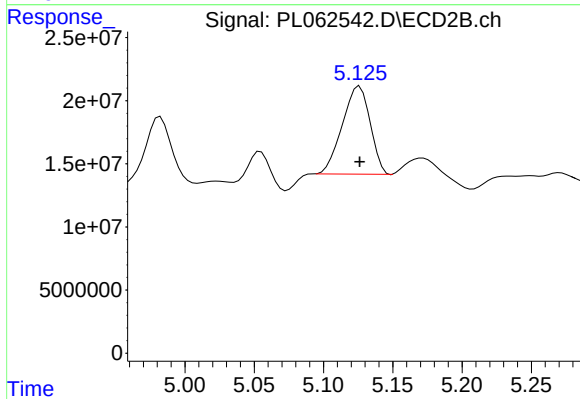
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.621 min  
Response: 0  
Conc: N.D.



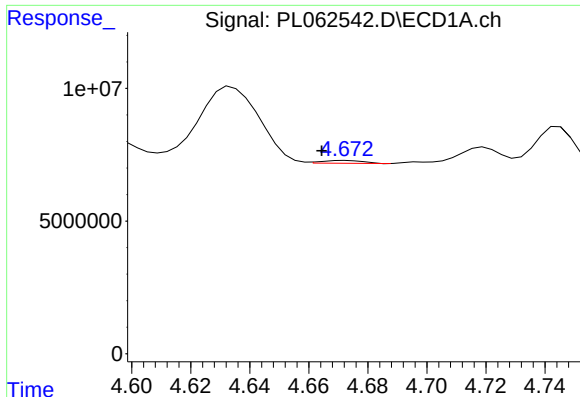
#4 Heptachlor

R.T.: 4.427 min  
Delta R.T.: 0.007 min  
Response: 8794835  
Conc: 4.10 ng/ml



#4 Heptachlor

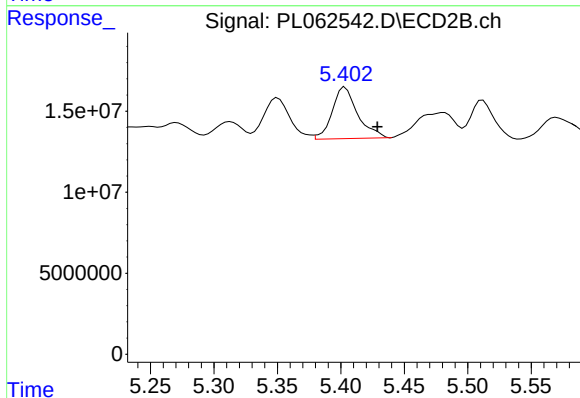
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 97462314  
Conc: 24.44 ng/ml



#5 Aldrin

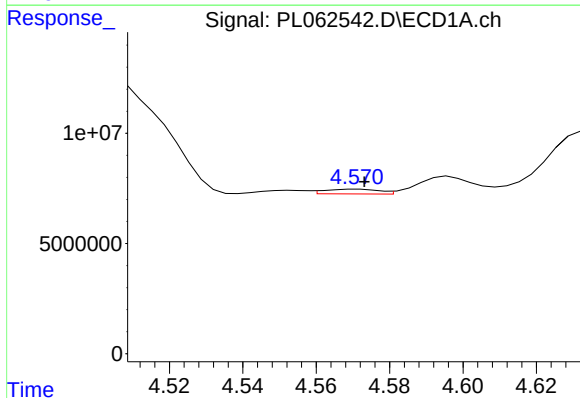
R.T.: 4.673 min  
Delta R.T.: 0.009 min  
Response: 1052401  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



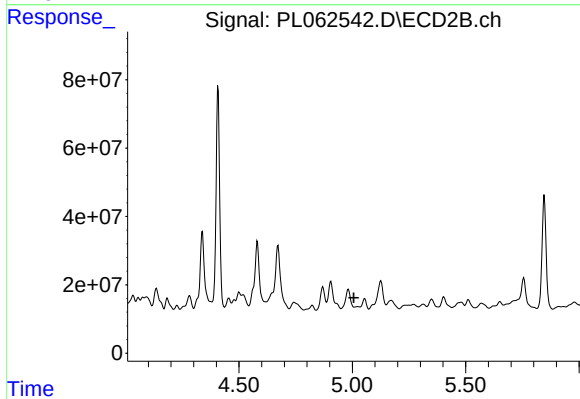
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.025 min  
Response: 44307681  
Conc: 12.24 ng/ml



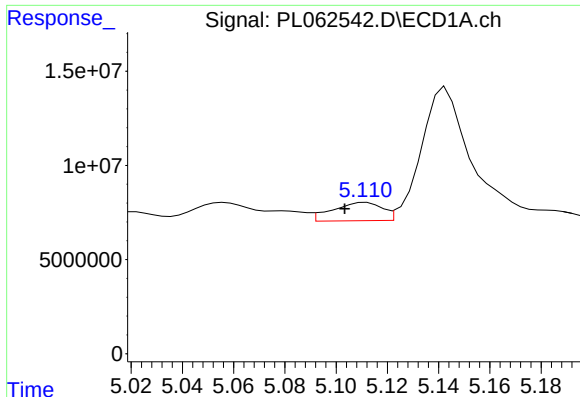
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: -0.002 min  
Response: 2255729  
Conc: 1.04 ng/ml



#7 delta-BHC

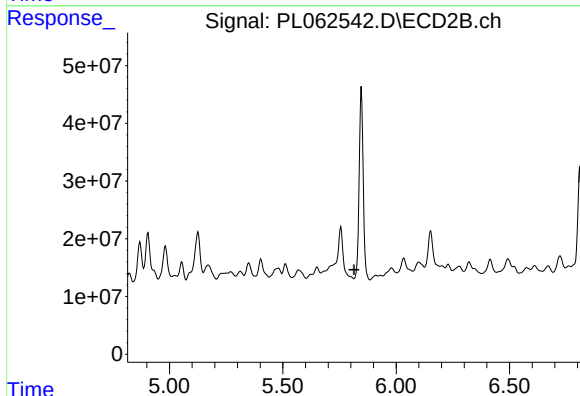
R.T.: 5.023 min  
Delta R.T.: 0.017 min  
Response: -1549924  
Conc: N.D.



#8 Heptachlor epoxide

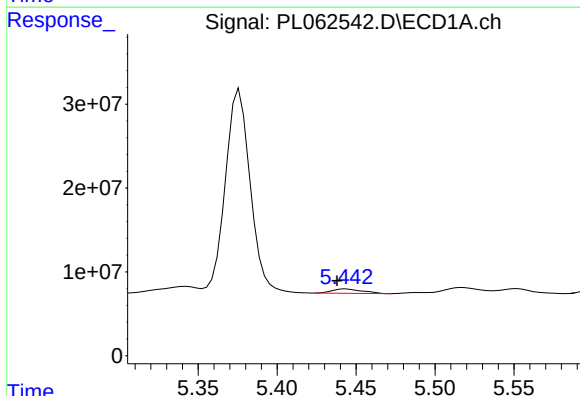
R.T.: 5.112 min  
Delta R.T.: 0.008 min  
Response: 13010881  
Conc: 7.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



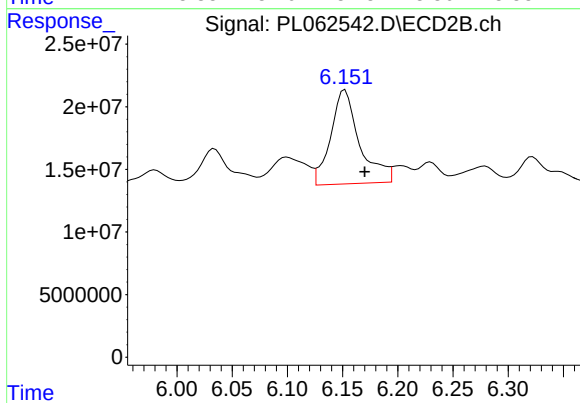
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



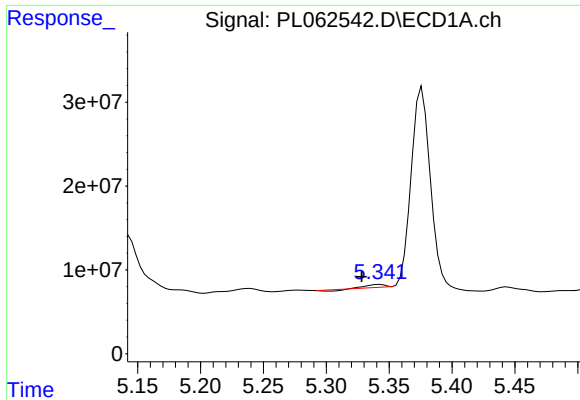
#9 Endosulfan I

R.T.: 5.444 min  
Delta R.T.: 0.006 min  
Response: 6782492  
Conc: 4.06 ng/ml



#9 Endosulfan I

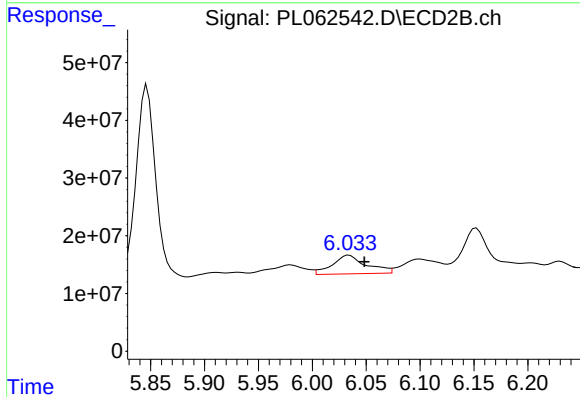
R.T.: 6.152 min  
Delta R.T.: -0.018 min  
Response: 137252950  
Conc: 43.52 ng/ml



#10 gamma-Chlordane

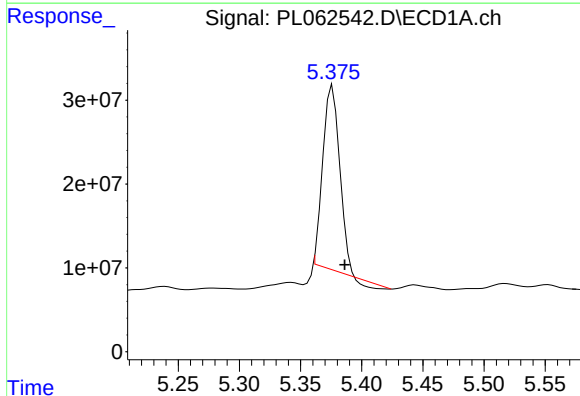
R.T.: 5.342 min  
Delta R.T.: 0.014 min  
Response: 2204622  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



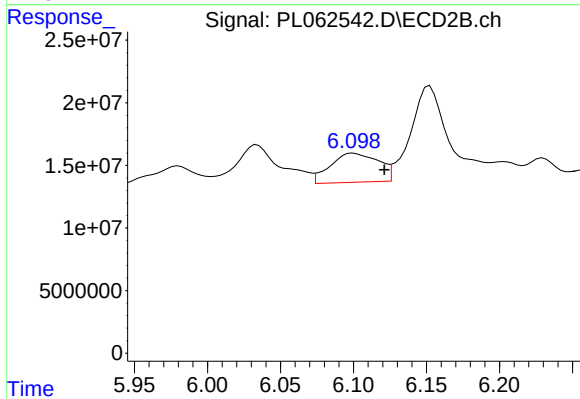
#10 gamma-Chlordane

R.T.: 6.034 min  
Delta R.T.: -0.014 min  
Response: 70683255  
Conc: 21.00 ng/ml



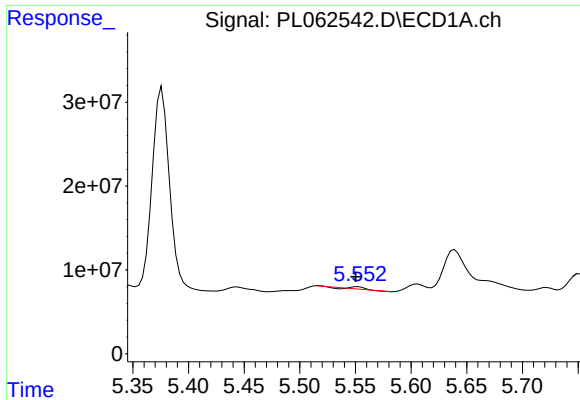
#11 alpha-Chlordane

R.T.: 5.376 min  
Delta R.T.: -0.010 min  
Response: 204755461  
Conc: 113.26 ng/ml



#11 alpha-Chlordane

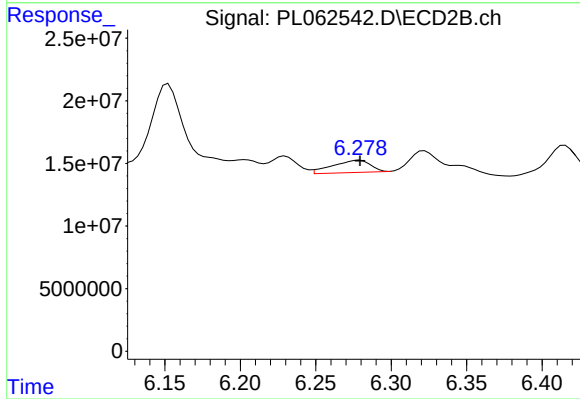
R.T.: 6.100 min  
Delta R.T.: -0.021 min  
Response: 53162230  
Conc: 15.78 ng/ml



#12 4,4'-DDE

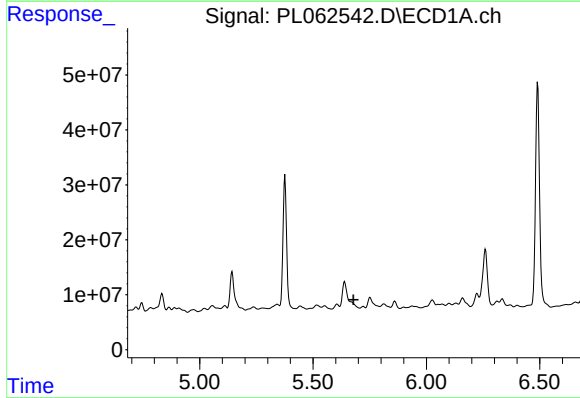
R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 1405919  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



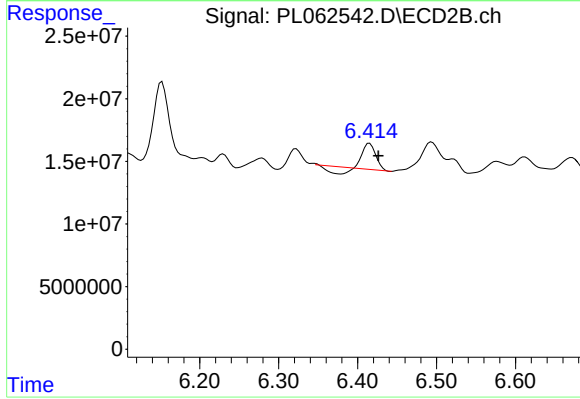
#12 4,4'-DDE

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 16972660  
Conc: 5.27 ng/ml



#13 Dieldrin

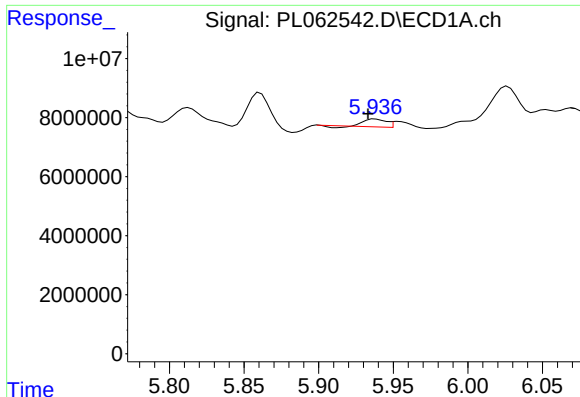
R.T.: 0.000 min  
Exp R.T. : 5.679 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: -0.011 min  
Response: 16998064  
Conc: 5.31 ng/ml

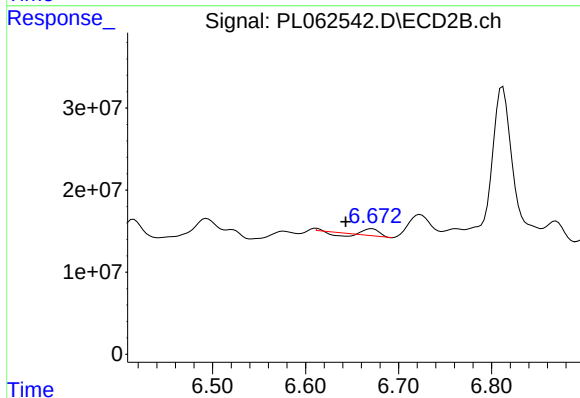




#14 Endrin

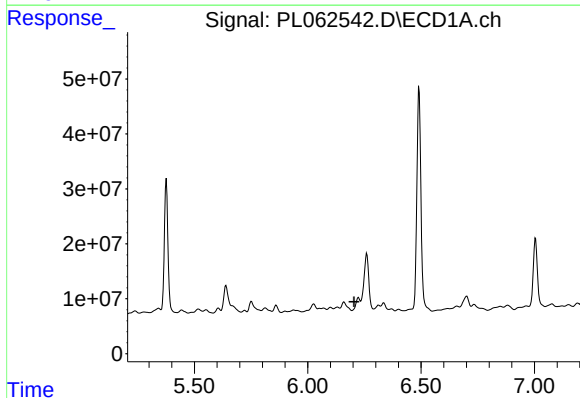
R.T.: 5.938 min  
Delta R.T.: 0.005 min  
Response: 2405829  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



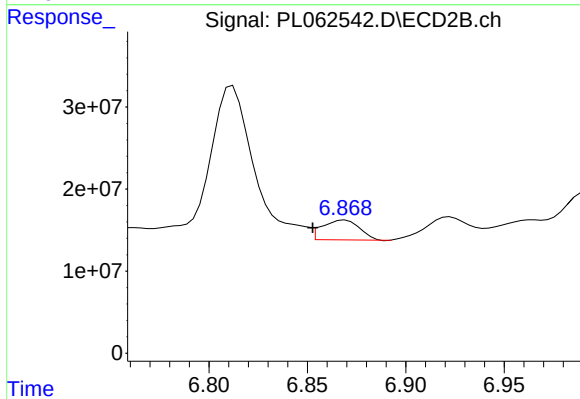
#14 Endrin

R.T.: 6.672 min  
Delta R.T.: 0.028 min  
Response: 5540303  
Conc: 1.98 ng/ml



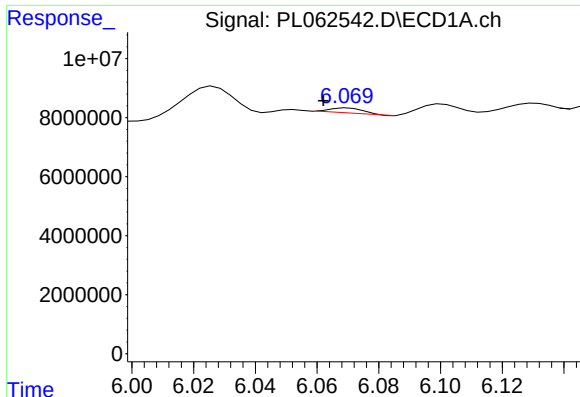
#15 Endosulfan II

R.T.: 6.224 min  
Delta R.T.: 0.019 min  
Response: -11291499  
Conc: N.D.



#15 Endosulfan II

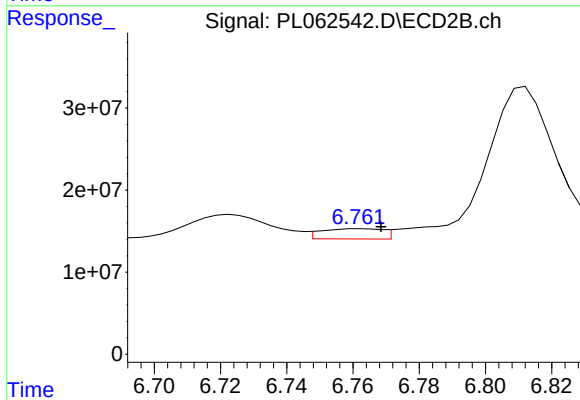
R.T.: 6.869 min  
Delta R.T.: 0.016 min  
Response: 30975990  
Conc: 10.84 ng/ml



#16 4,4'-DDD

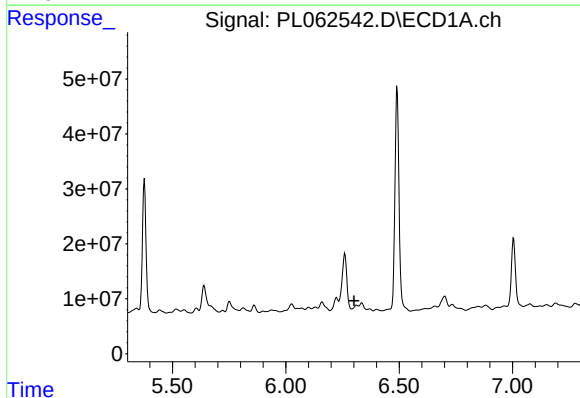
R.T.: 6.070 min  
Delta R.T.: 0.008 min  
Response: 1269266  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



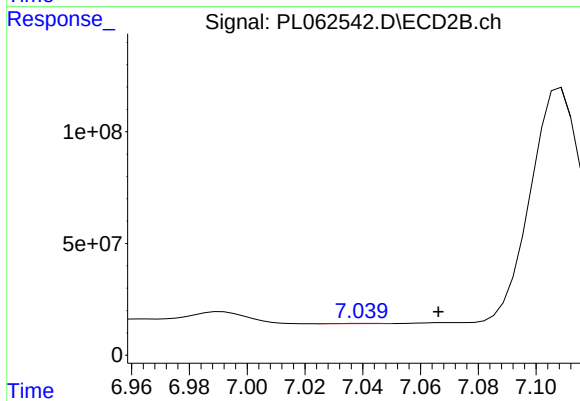
#16 4,4'-DDD

R.T.: 6.762 min  
Delta R.T.: -0.006 min  
Response: 16055454  
Conc: 6.27 ng/ml



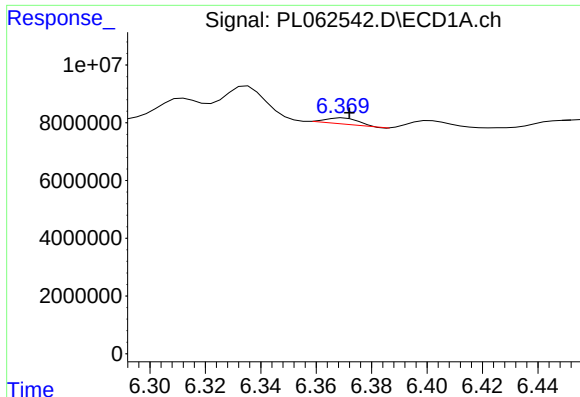
#17 4,4'-DDT

R.T.: 6.312 min  
Delta R.T.: 0.011 min  
Response: -45461467  
Conc: N.D.



#17 4,4'-DDT

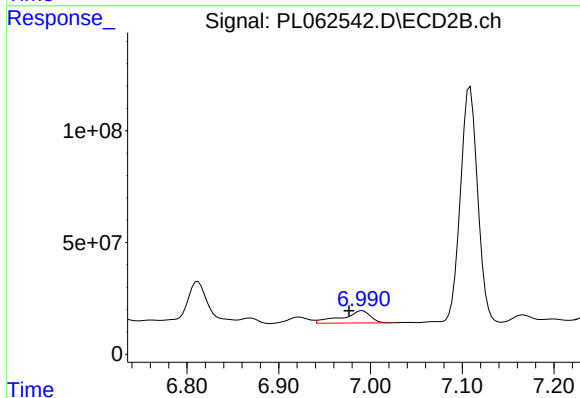
R.T.: 7.041 min  
Delta R.T.: -0.026 min  
Response: 1481773  
Conc: 0.66 ng/ml



#18 Endrin aldehyde

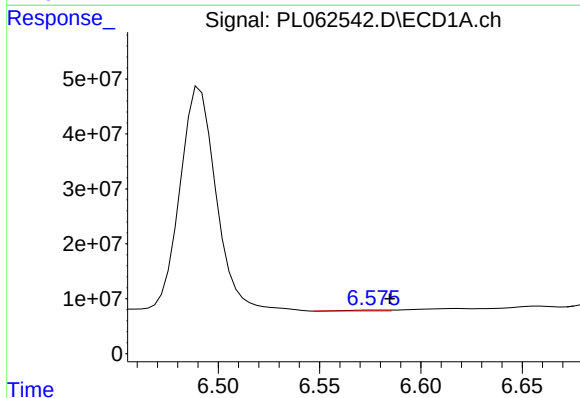
R.T.: 6.370 min  
Delta R.T.: -0.002 min  
Response: 1782714  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



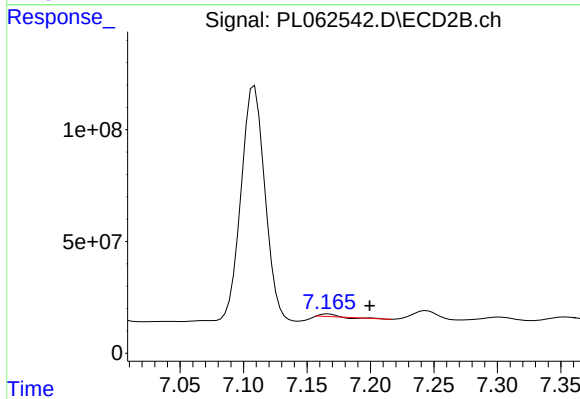
#18 Endrin aldehyde

R.T.: 6.991 min  
Delta R.T.: 0.015 min  
Response: 118979757  
Conc: 52.17 ng/ml



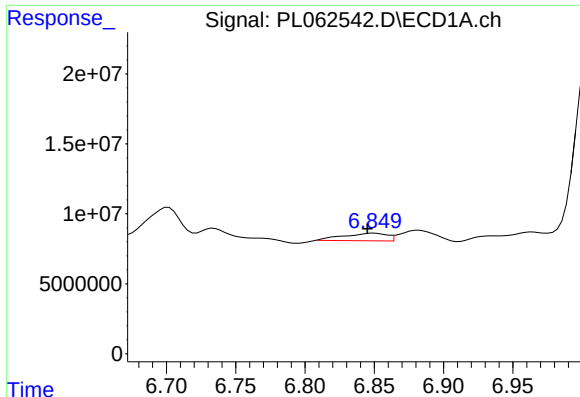
#19 Endosulfan Sulfate

R.T.: 6.577 min  
Delta R.T.: -0.007 min  
Response: 1910477  
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

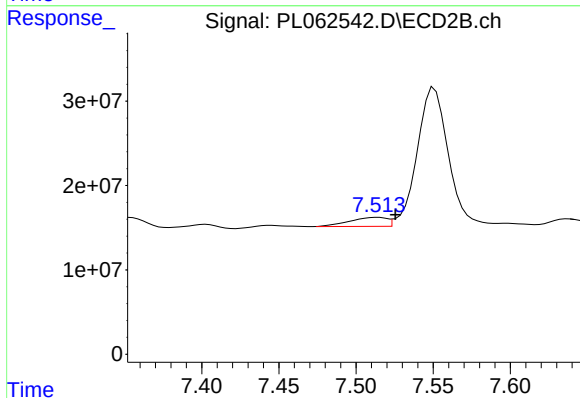
R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 3399731  
Conc: 1.42 ng/ml



#20 Methoxychlor

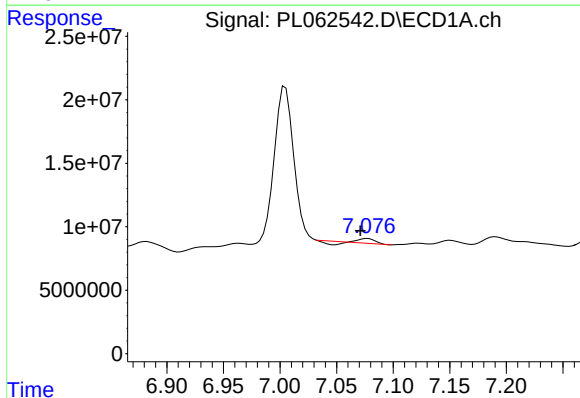
R.T.: 6.850 min  
Delta R.T.: 0.005 min  
Response: 11773237  
Conc: 13.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



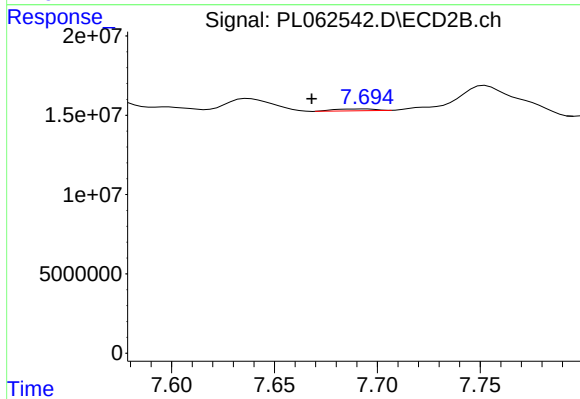
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: -0.012 min  
Response: 18072856  
Conc: 14.63 ng/ml



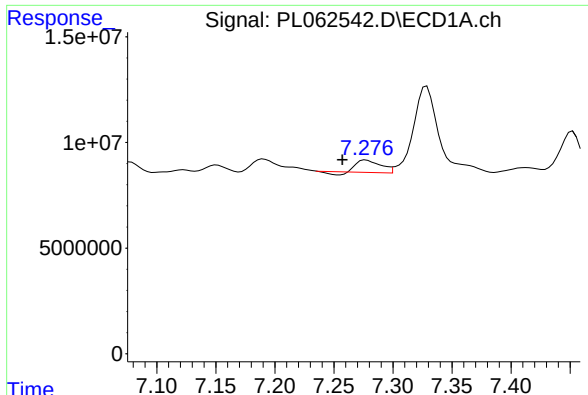
#21 Endrin ketone

R.T.: 7.078 min  
Delta R.T.: 0.006 min  
Response: 2078227  
Conc: 1.15 ng/ml



#21 Endrin ketone

R.T.: 7.694 min  
Delta R.T.: 0.025 min  
Response: 1580554  
Conc: 0.67 ng/ml



#22 Mirex

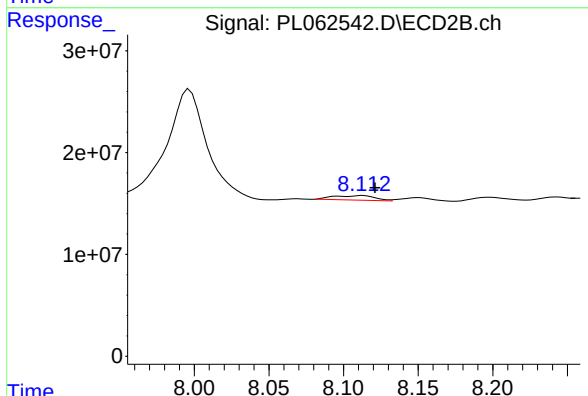
R.T.: 7.277 min

Delta R.T.: 0.020 min

Response: 7611596

Conc: 5.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



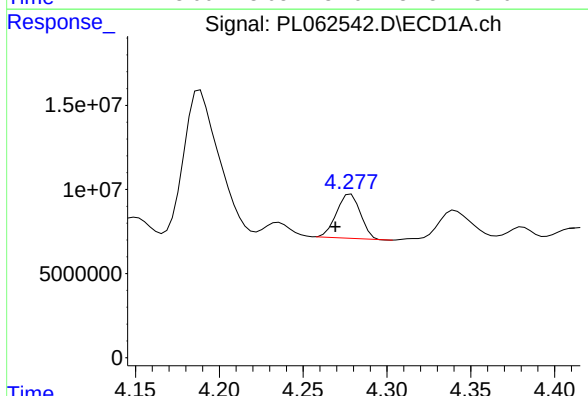
#22 Mirex

R.T.: 8.113 min

Delta R.T.: -0.008 min

Response: 8725181

Conc: 5.12 ng/ml



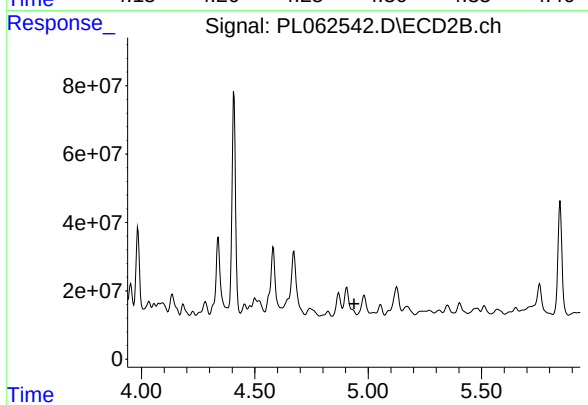
#23 Chlordane-1

R.T.: 4.278 min

Delta R.T.: 0.009 min

Response: 26043915

Conc: 505.22 ng/ml



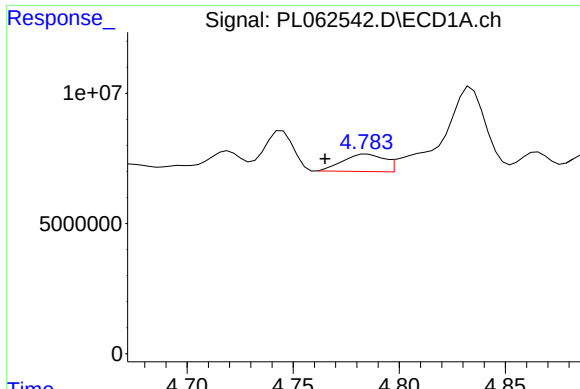
#23 Chlordane-1

R.T.: 0.000 min

Exp R.T.: 4.938 min

Response: 0

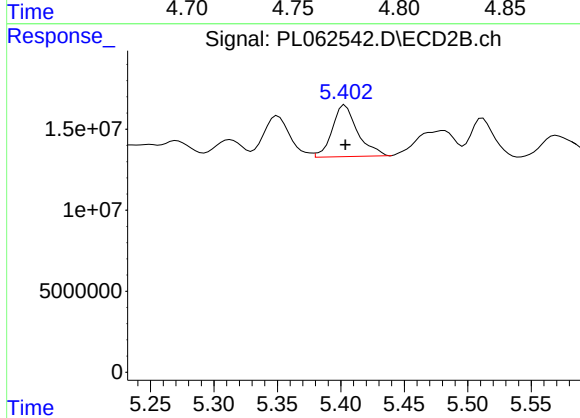
Conc: N.D.



#24 Chlordane-2

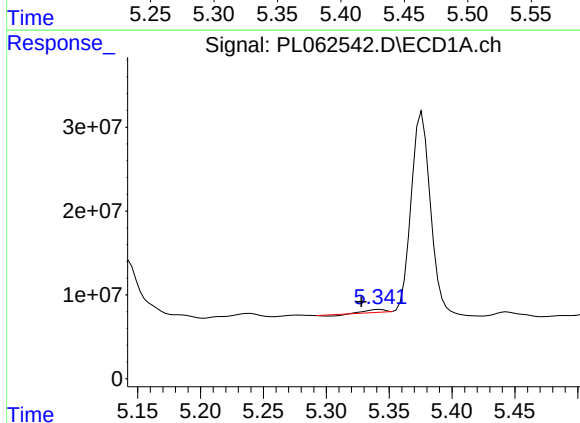
R.T.: 4.785 min  
Delta R.T.: 0.020 min  
Response: 9050390  
Conc: 157.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



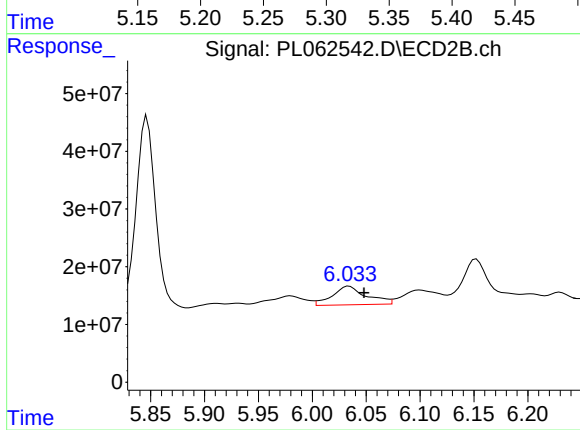
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 44307681  
Conc: 406.36 ng/ml



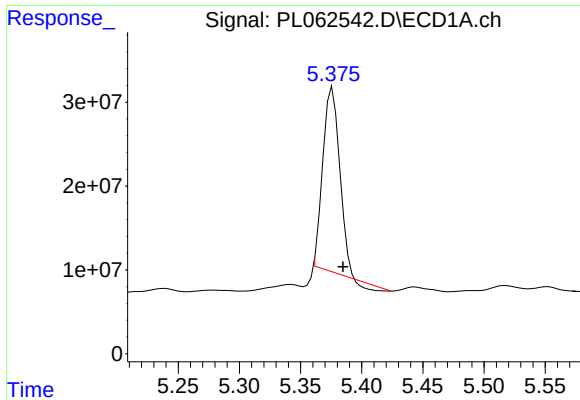
#25 Chlordane-3

R.T.: 5.342 min  
Delta R.T.: 0.014 min  
Response: 2204622  
Conc: 14.40 ng/ml



#25 Chlordane-3

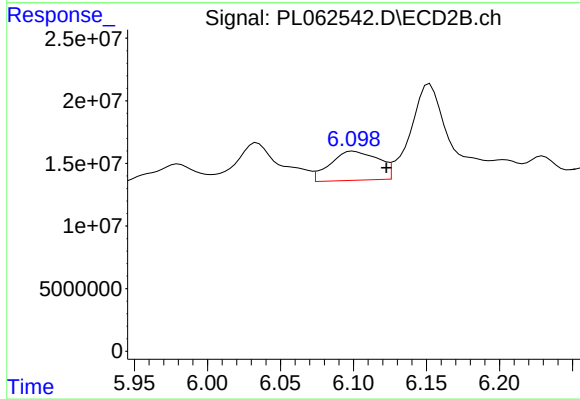
R.T.: 6.034 min  
Delta R.T.: -0.014 min  
Response: 70683255  
Conc: 174.98 ng/ml



#26 Chlordane-4

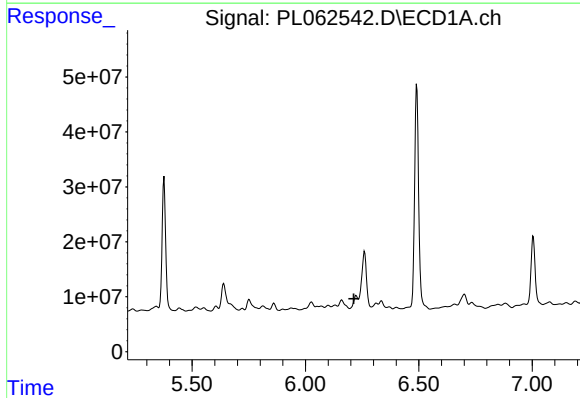
R.T.: 5.376 min  
Delta R.T.: -0.009 min  
Response: 204755461  
Conc: 1571.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



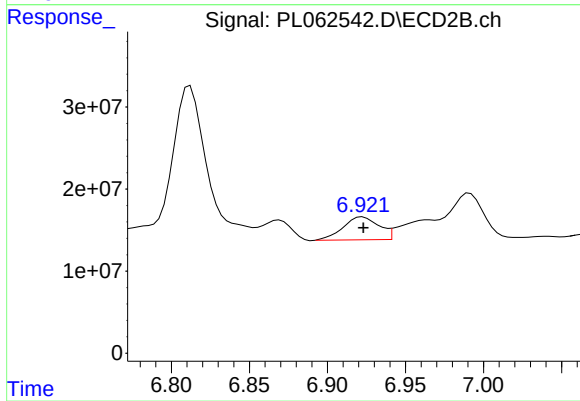
#26 Chlordane-4

R.T.: 6.100 min  
Delta R.T.: -0.023 min  
Response: 53162230  
Conc: 109.77 ng/ml



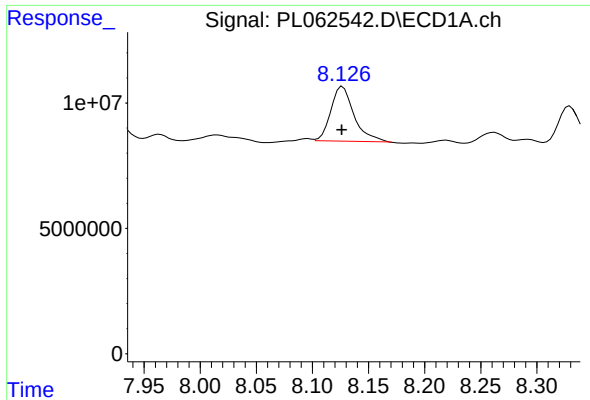
#27 Chlordane-5

R.T.: 6.224 min  
Delta R.T.: 0.011 min  
Response: -11291499  
Conc: N.D.



#27 Chlordane-5

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 44599375  
Conc: 597.89 ng/ml



#28 Decachlorobiphenyl

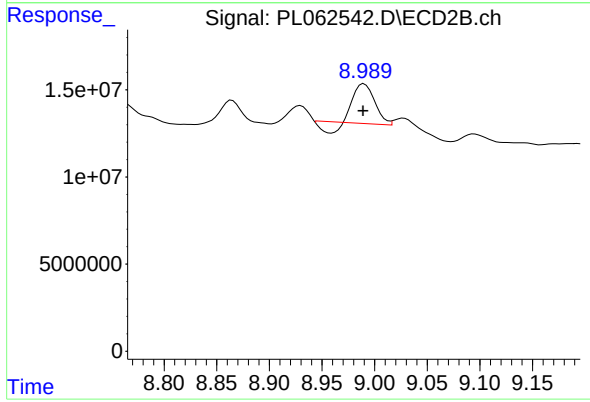
R.T.: 8.127 min

Delta R.T.: 0.000 min

Response: 31380468

Conc: 19.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.990 min

Delta R.T.: 0.001 min

Response: 26028131

Conc: 12.44 ng/ml