

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042721\  
 Data File : PL066514.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2021 17:34  
 Operator : AR\AJ  
 Sample : M2187-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 28 08:54:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 28 08:49:49 2021  
 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... | 3.429  | 4.153  | 41811320 | 38969907 | 11.096 | 11.096   |
| 28)                         | SA Decachlor... | 8.162  | 9.353  | 41518611 | 35608901 | 10.828 | 11.511   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.581f | 0        | 5556296  | N.D.   | 1.080 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.701f | 0        | 4716589  | N.D.   | 1.009 #  |
| 6)                          | B beta-BHC      | 0.000  | 5.042  | 0        | 11615251 | N.D.   | 2.034 #  |
| 7)                          | B delta-BHC     | 4.608f | 5.278f | 1180991  | -188382  | 0.208  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.119  | 6.060  | 2091083  | 22814151 | 0.427  | 6.167 #  |
| 9)                          | A Endosulfan I  | 5.480f | 6.411f | 7504166  | 1767248  | 1.626  | 0.464 #  |
| 10)                         | B gamma-Chl...  | 5.370f | 6.322  | 21933956 | 12429923 | 4.304  | 2.986 #  |
| 11)                         | B alpha-Chl...  | 5.392  | 6.383  | 22690389 | 7680032  | 4.608  | 1.851 #  |
| 12)                         | B 4,4'-DDE      | 5.574  | 6.542  | -5496    | 16547780 | N.D.   | 4.361    |
| 13)                         | MA Dieldrin     | 5.696  | 6.682f | 36801048 | 8312980  | 7.585  | 2.123 #  |
| 14)                         | MA Endrin       | 5.956  | 6.905f | -1791522 | 12465991 | N.D.   | 3.978    |
| 15)                         | B Endosulfa...  | 6.217  | 7.110f | 10249863 | 1869582  | 2.484  | 0.566 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.040  | 0        | 21243929 | N.D.   | 6.820 #  |
| 17)                         | MA 4,4'-DDT     | 6.320  | 7.312f | 39686410 | 32827367 | 10.178 | 10.143   |
| 18)                         | B Endrin al...  | 6.416f | 7.258  | 4973827  | 3496692  | 1.468  | 1.250    |
| 19)                         | B Endosulfa...  | 6.608  | 0.000  | 6410132  | 0        | 1.483  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.854f | 0.000  | 15912009 | 0        | 8.101  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.431  | 0        | 1351453  | N.D.   | 0.484 #  |
| 23)                         | Chlordane-1     | 4.289  | 5.174  | 10282415 | 929143   | 60.830 | 6.640 #  |
| 24)                         | Chlordane-2     | 4.793  | 5.653  | 2695408  | 4645187  | 15.689 | 28.601 # |
| 25)                         | Chlordane-3     | 5.370f | 6.322  | 21933956 | 12429923 | 44.075 | 22.176 # |
| 26)                         | Chlordane-4     | 5.392f | 6.383  | 22690389 | 7680032  | 53.768 | 11.439 # |
| 27)                         | Chlordane-5     | 6.217f | 7.215  | 10249863 | 1660686  | 60.867 | 14.142 # |
| -----                       |                 |        |        |          |          |        |          |

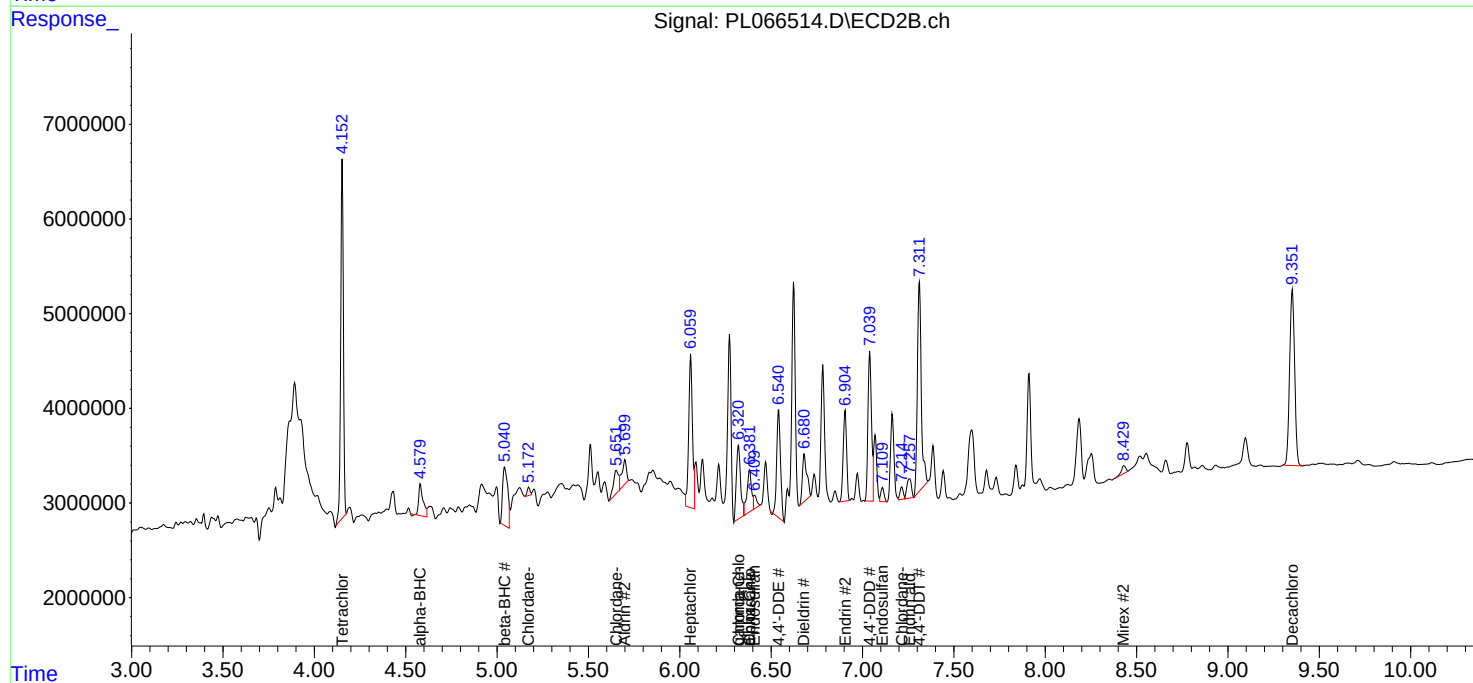
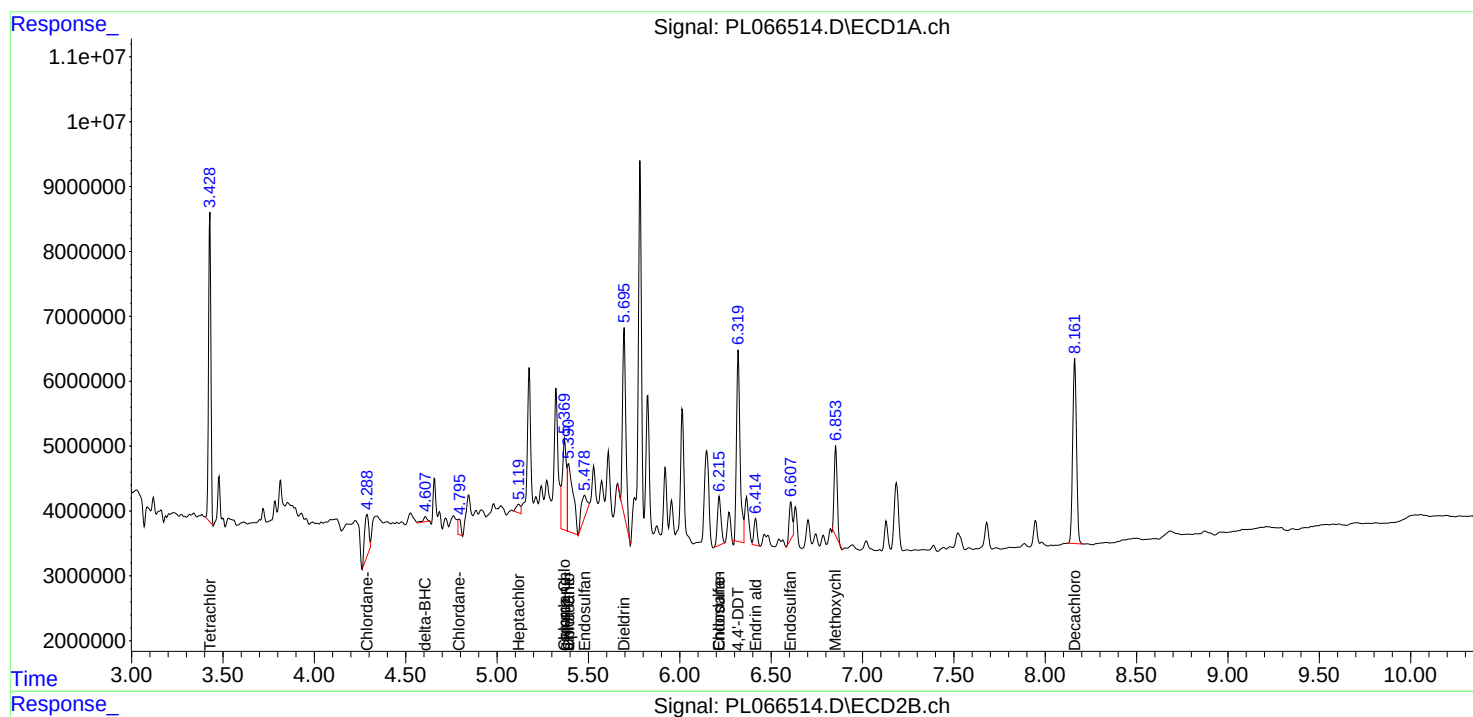
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

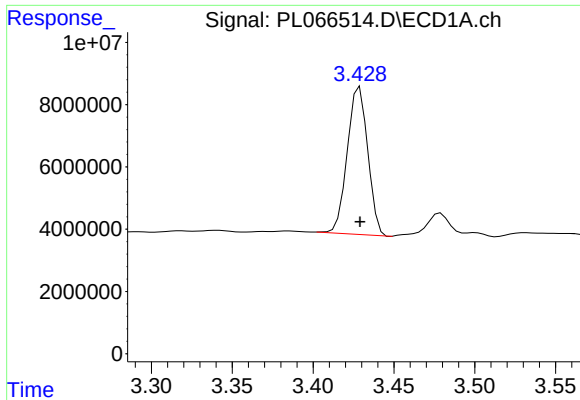
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042721\  
Data File : PL066514.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2021 17:34  
Operator : AR\AJ  
Sample : M2187-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 08:54:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 28 08:49:49 2021  
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

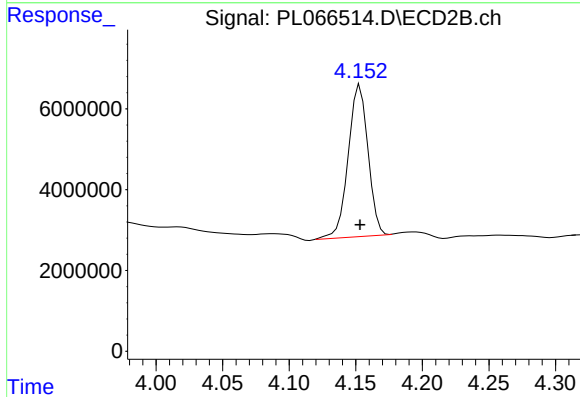




#1 Tetrachloro-m-xylene

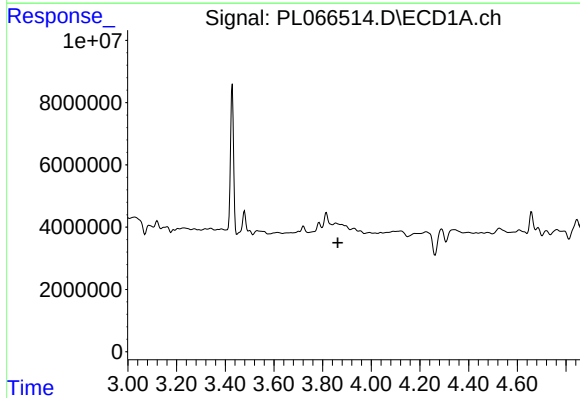
R.T.: 3.429 min  
Delta R.T.: 0.000 min  
Response: 41811320  
Conc: 11.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



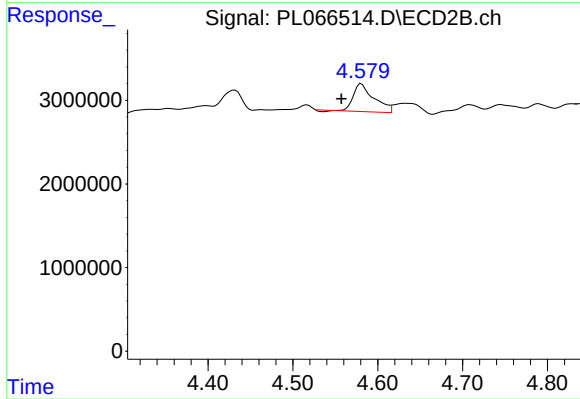
#1 Tetrachloro-m-xylene

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 38969907  
Conc: 11.10 ng/ml



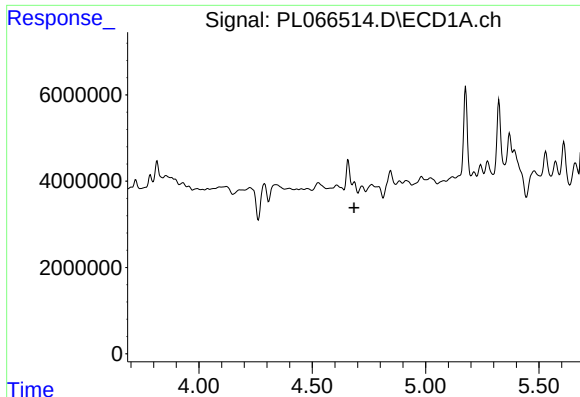
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

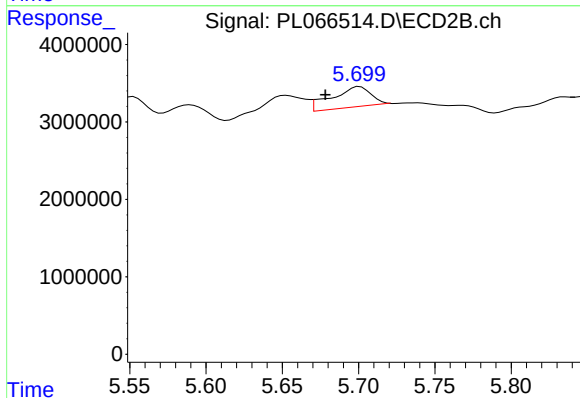
R.T.: 4.581 min  
Delta R.T.: 0.023 min  
Response: 5556296  
Conc: 1.08 ng/ml



#5 Aldrin

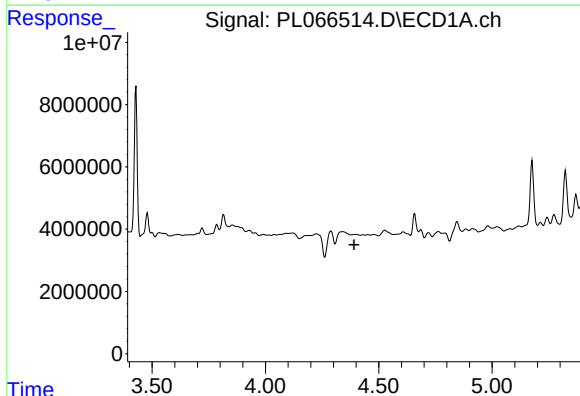
R.T.: 0.000 min  
Exp R.T.: 4.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



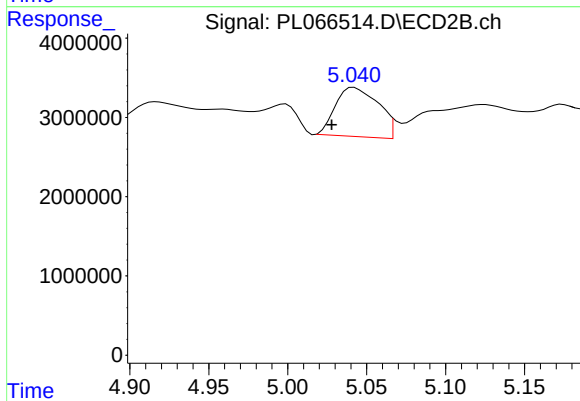
#5 Aldrin

R.T.: 5.701 min  
Delta R.T.: 0.023 min  
Response: 4716589  
Conc: 1.01 ng/ml



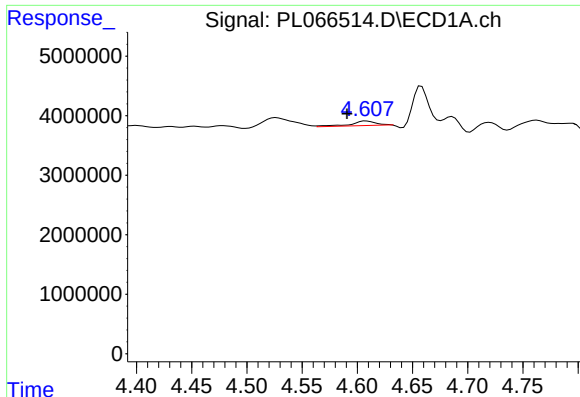
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.391 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

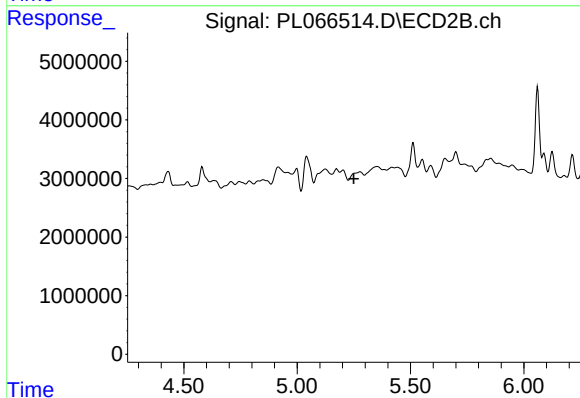
R.T.: 5.042 min  
Delta R.T.: 0.014 min  
Response: 11615251  
Conc: 2.03 ng/ml



#7 delta-BHC

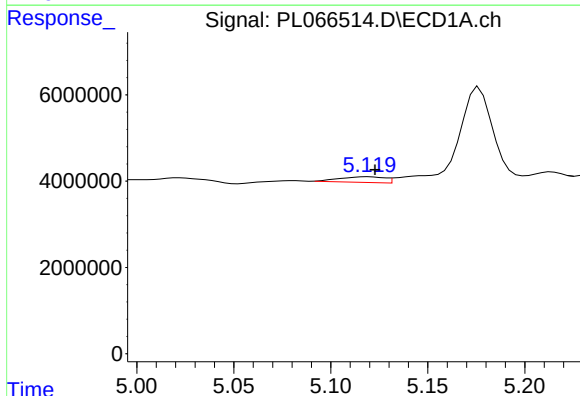
R.T.: 4.608 min  
Delta R.T.: 0.018 min  
Response: 1180991  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



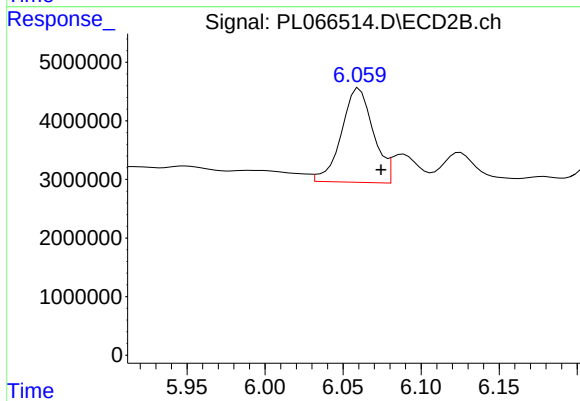
#7 delta-BHC

R.T.: 5.278 min  
Delta R.T.: 0.028 min  
Response: -188382  
Conc: N.D.



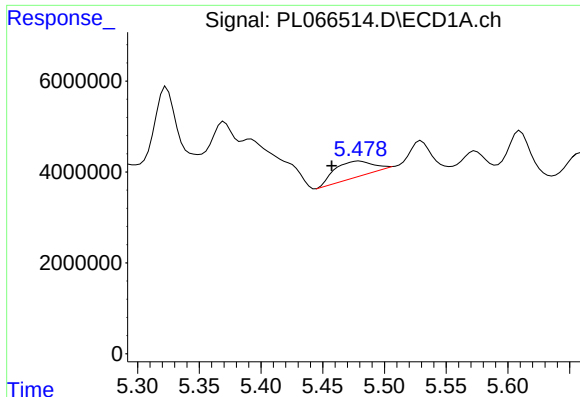
#8 Heptachlor epoxide

R.T.: 5.119 min  
Delta R.T.: -0.004 min  
Response: 2091083  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

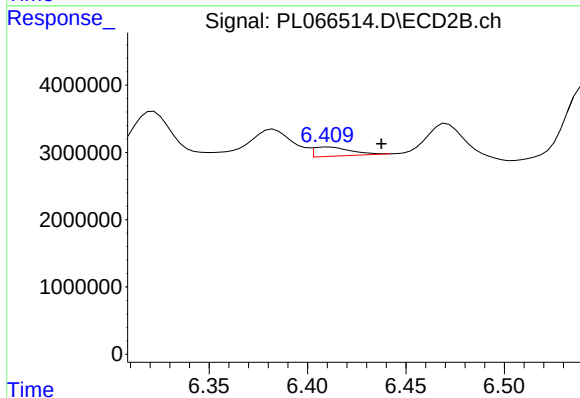
R.T.: 6.060 min  
Delta R.T.: -0.014 min  
Response: 22814151  
Conc: 6.17 ng/ml



#9 Endosulfan I

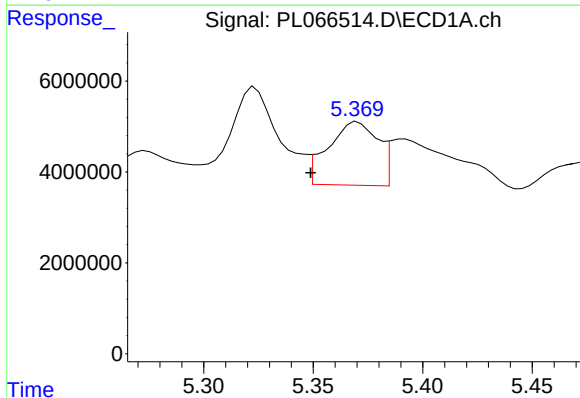
R.T.: 5.480 min  
Delta R.T.: 0.023 min  
Response: 7504166  
Conc: 1.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



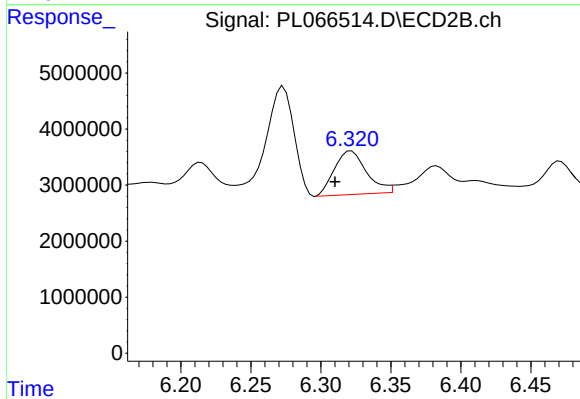
#9 Endosulfan I

R.T.: 6.411 min  
Delta R.T.: -0.027 min  
Response: 1767248  
Conc: 0.46 ng/ml



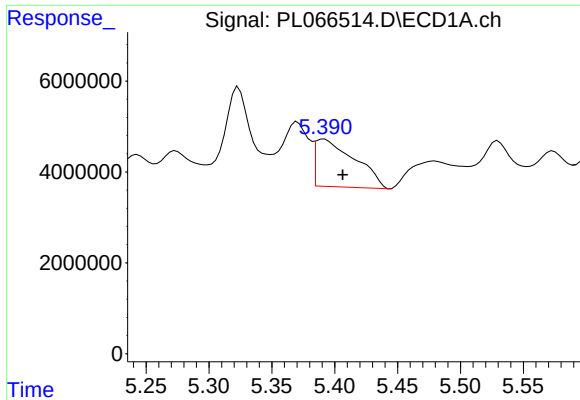
#10 gamma-Chlordane

R.T.: 5.370 min  
Delta R.T.: 0.021 min  
Response: 21933956  
Conc: 4.30 ng/ml



#10 gamma-Chlordane

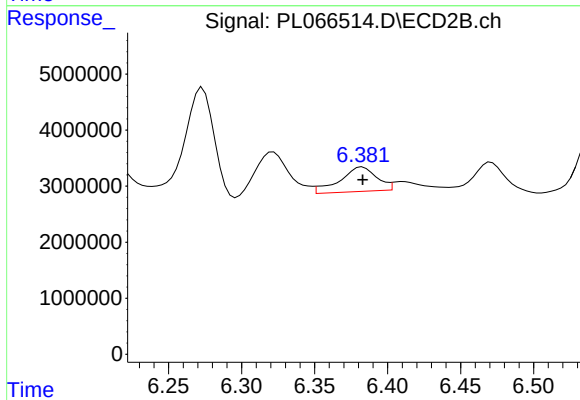
R.T.: 6.322 min  
Delta R.T.: 0.011 min  
Response: 12429923  
Conc: 2.99 ng/ml



#11 alpha-Chlordane

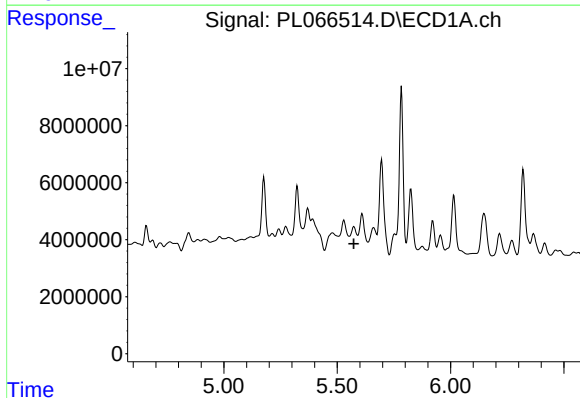
R.T.: 5.392 min  
Delta R.T.: -0.015 min  
Response: 22690389  
Conc: 4.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



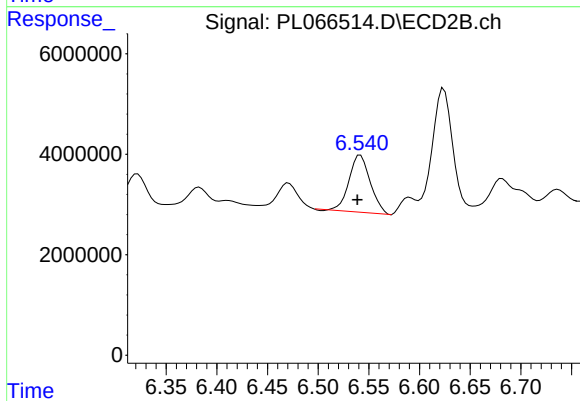
#11 alpha-Chlordane

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 7680032  
Conc: 1.85 ng/ml



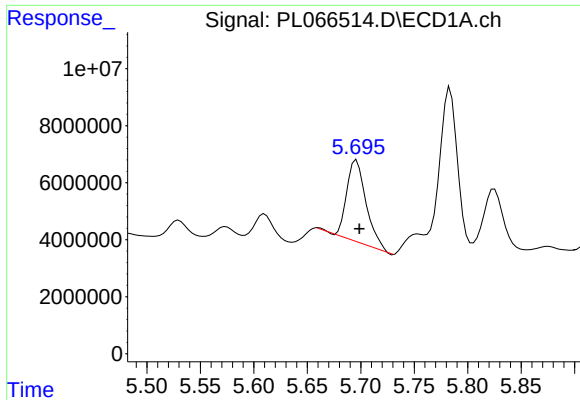
#12 4,4'-DDE

R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: -5496  
Conc: N.D.



#12 4,4'-DDE

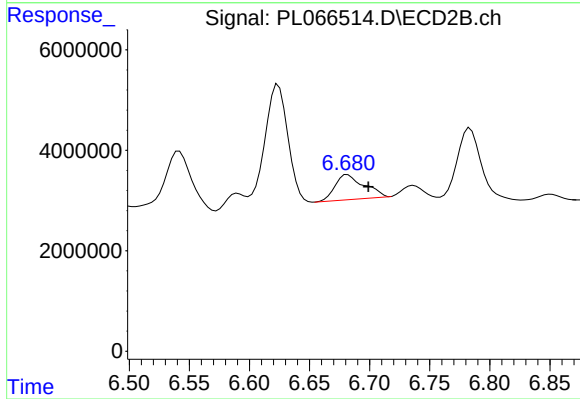
R.T.: 6.542 min  
Delta R.T.: 0.003 min  
Response: 16547780  
Conc: 4.36 ng/ml



#13 Dieldrin

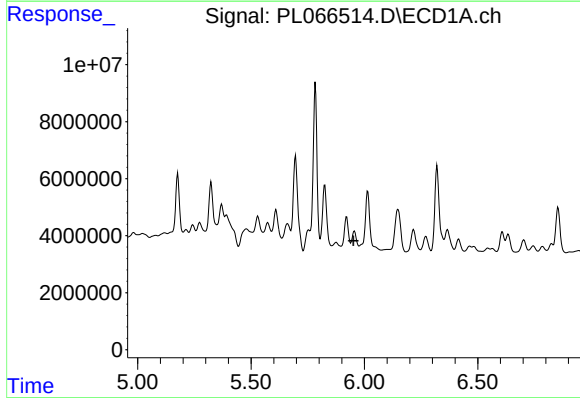
R.T.: 5.696 min  
Delta R.T.: -0.003 min  
Response: 36801048  
Conc: 7.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



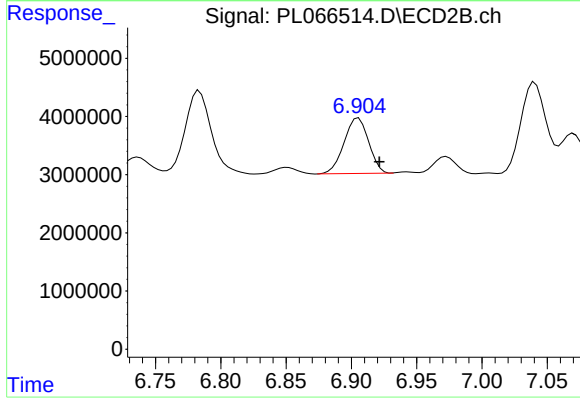
#13 Dieldrin

R.T.: 6.682 min  
Delta R.T.: -0.017 min  
Response: 8312980  
Conc: 2.12 ng/ml



#14 Endrin

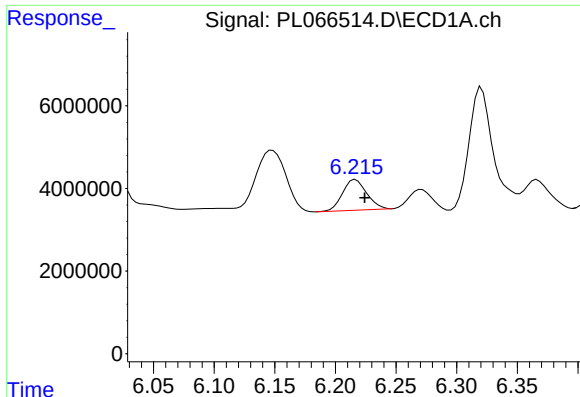
R.T.: 5.956 min  
Delta R.T.: 0.004 min  
Response: -1791522  
Conc: N.D.



#14 Endrin

R.T.: 6.905 min  
Delta R.T.: -0.016 min  
Response: 12465991  
Conc: 3.98 ng/ml

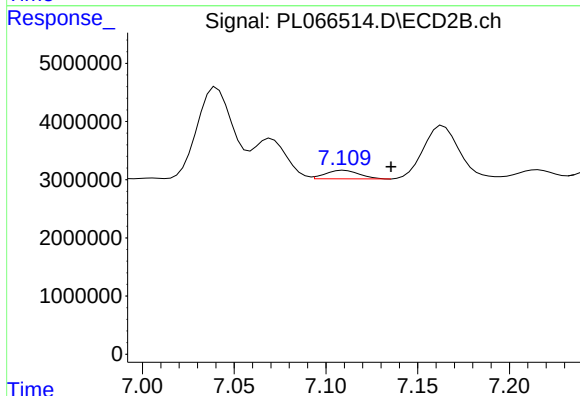




#15 Endosulfan II

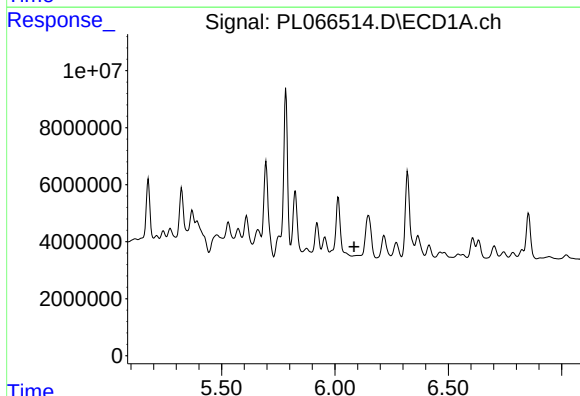
R.T.: 6.217 min  
Delta R.T.: -0.008 min  
Response: 10249863  
Conc: 2.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



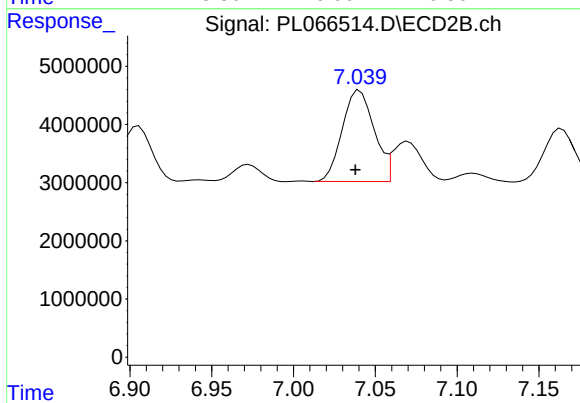
#15 Endosulfan II

R.T.: 7.110 min  
Delta R.T.: -0.026 min  
Response: 1869582  
Conc: 0.57 ng/ml



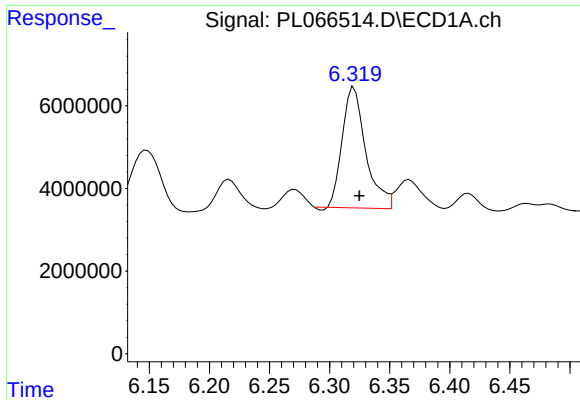
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.085 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

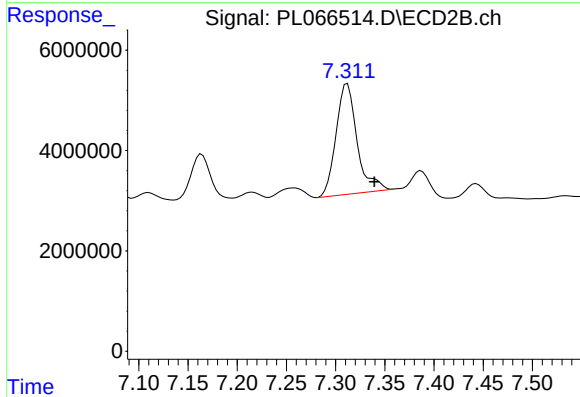
R.T.: 7.040 min  
Delta R.T.: 0.003 min  
Response: 21243929  
Conc: 6.82 ng/ml



#17 4,4'-DDT

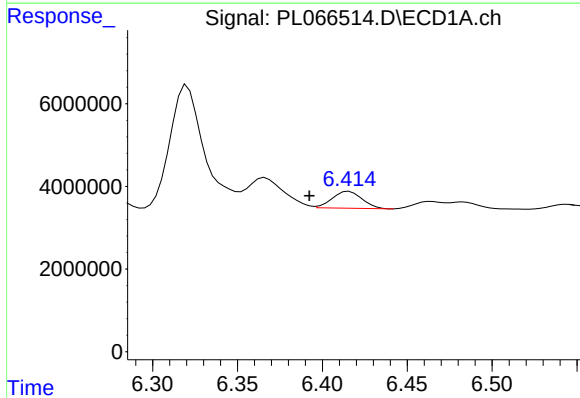
R.T.: 6.320 min  
Delta R.T.: -0.004 min  
Response: 39686410  
Conc: 10.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



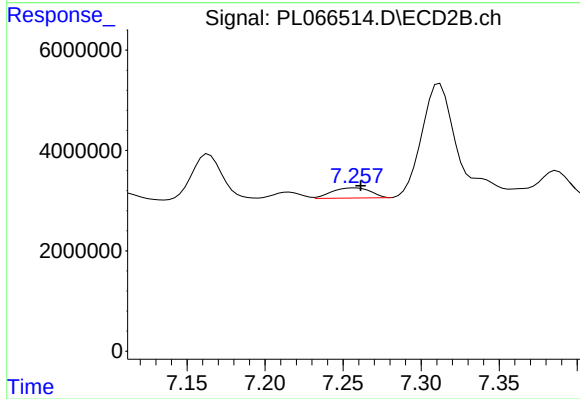
#17 4,4'-DDT

R.T.: 7.312 min  
Delta R.T.: -0.027 min  
Response: 32827367  
Conc: 10.14 ng/ml



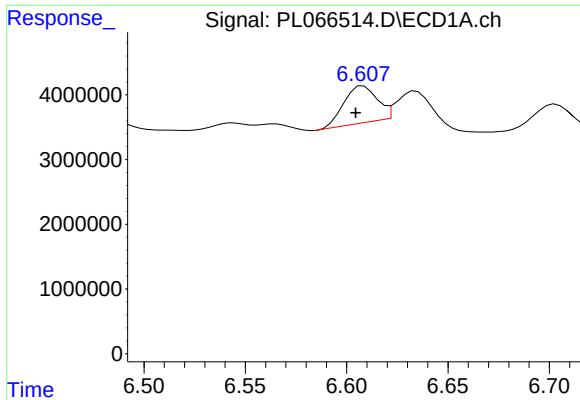
#18 Endrin aldehyde

R.T.: 6.416 min  
Delta R.T.: 0.023 min  
Response: 4973827  
Conc: 1.47 ng/ml



#18 Endrin aldehyde

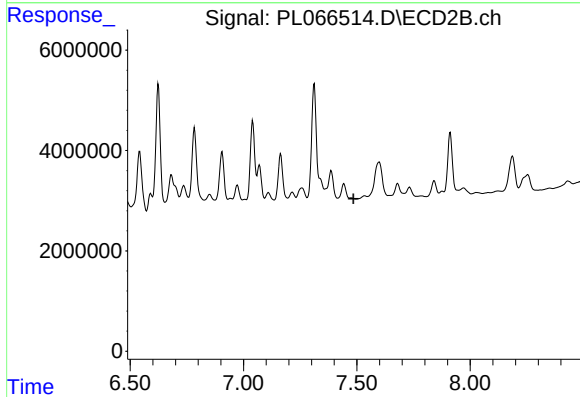
R.T.: 7.258 min  
Delta R.T.: -0.003 min  
Response: 3496692  
Conc: 1.25 ng/ml



#19 Endosulfan Sulfate

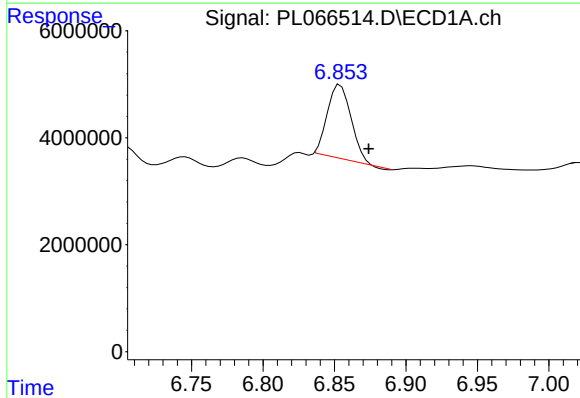
R.T.: 6.608 min  
Delta R.T.: 0.004 min  
Response: 6410132  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



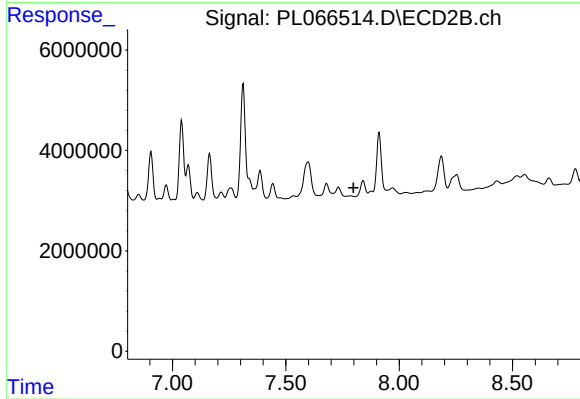
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.485 min  
Response: 0  
Conc: N.D.



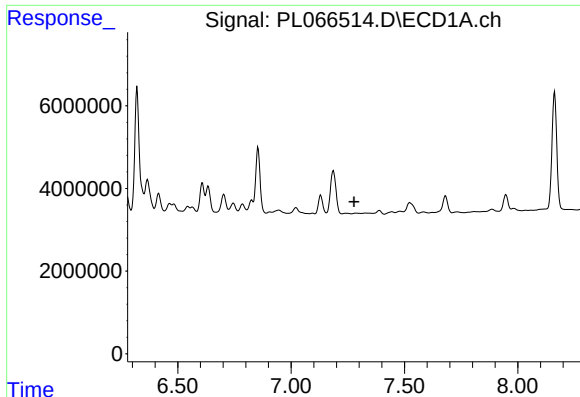
#20 Methoxychlor

R.T.: 6.854 min  
Delta R.T.: -0.020 min  
Response: 15912009  
Conc: 8.10 ng/ml



#20 Methoxychlor

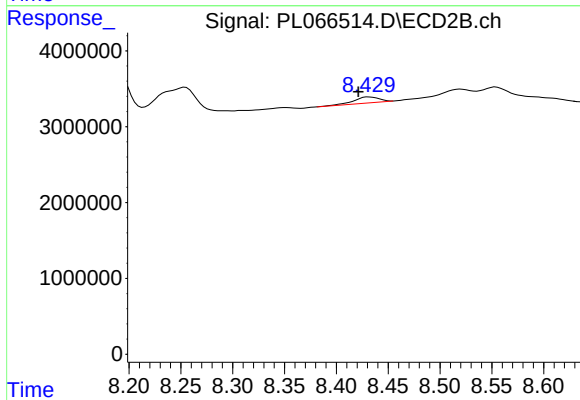
R.T.: 0.000 min  
Exp R.T. : 7.799 min  
Response: 0  
Conc: N.D.



#22 Mirex

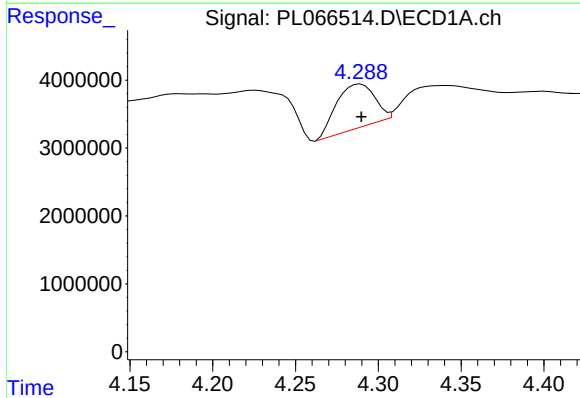
R.T.: 0.000 min  
Exp R.T.: 7.278 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



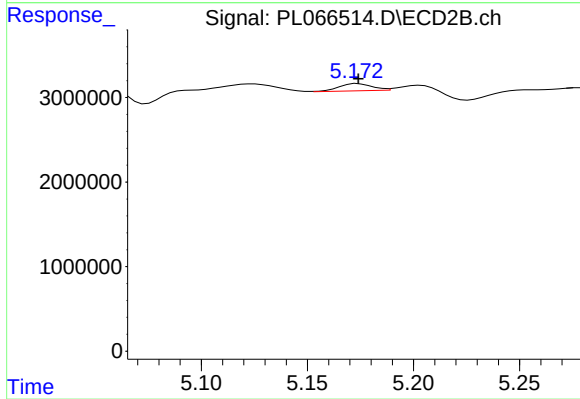
#22 Mirex

R.T.: 8.431 min  
Delta R.T.: 0.010 min  
Response: 1351453  
Conc: 0.48 ng/ml



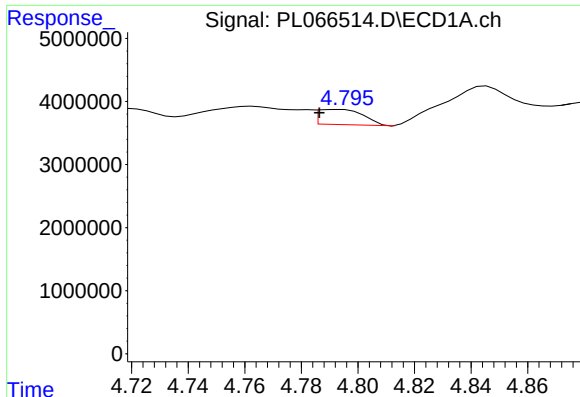
#23 Chlordane-1

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 10282415  
Conc: 60.83 ng/ml



#23 Chlordane-1

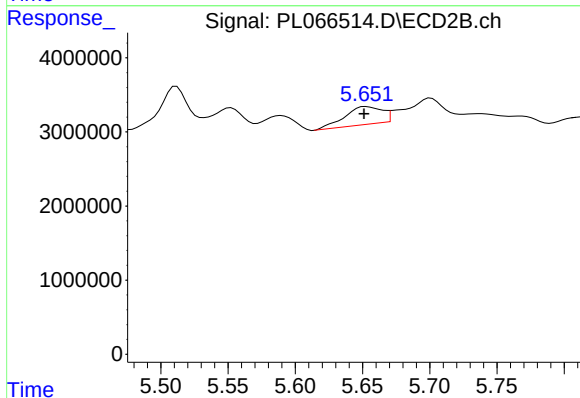
R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 929143  
Conc: 6.64 ng/ml



#24 Chlordane-2

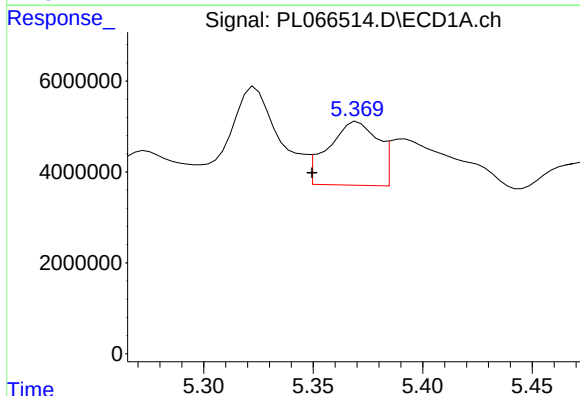
R.T.: 4.793 min  
Delta R.T.: 0.007 min  
Response: 2695408  
Conc: 15.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



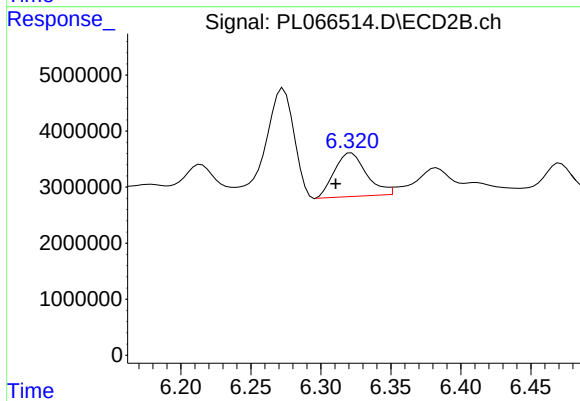
#24 Chlordane-2

R.T.: 5.653 min  
Delta R.T.: 0.002 min  
Response: 4645187  
Conc: 28.60 ng/ml



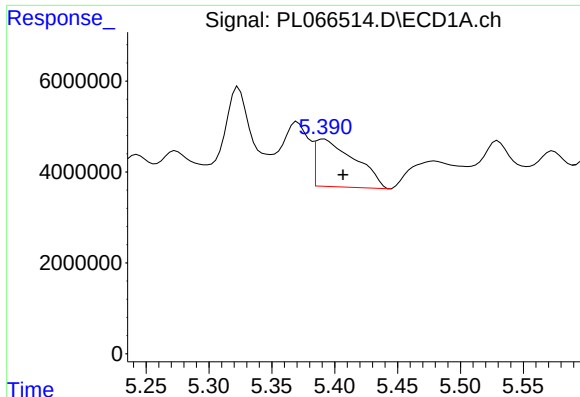
#25 Chlordane-3

R.T.: 5.370 min  
Delta R.T.: 0.021 min  
Response: 21933956  
Conc: 44.08 ng/ml



#25 Chlordane-3

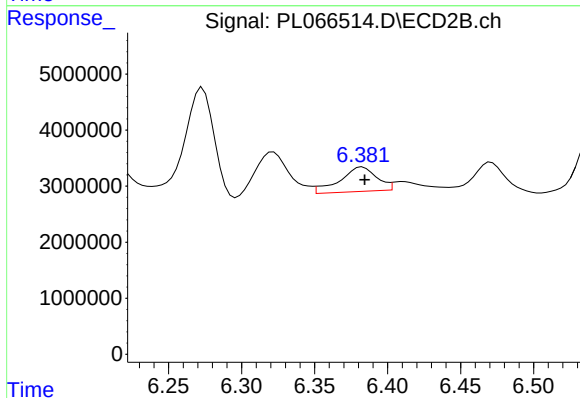
R.T.: 6.322 min  
Delta R.T.: 0.011 min  
Response: 12429923  
Conc: 22.18 ng/ml



#26 Chlordane-4

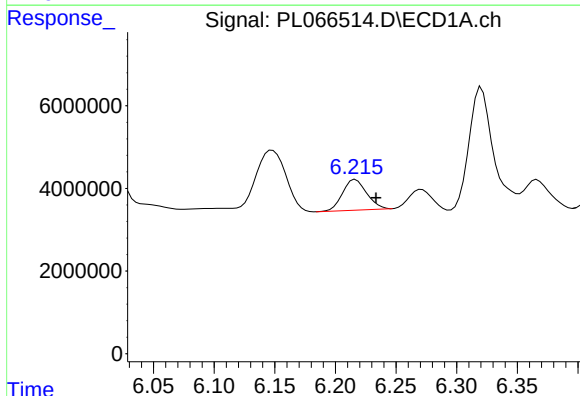
R.T.: 5.392 min  
Delta R.T.: -0.015 min  
Response: 22690389  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



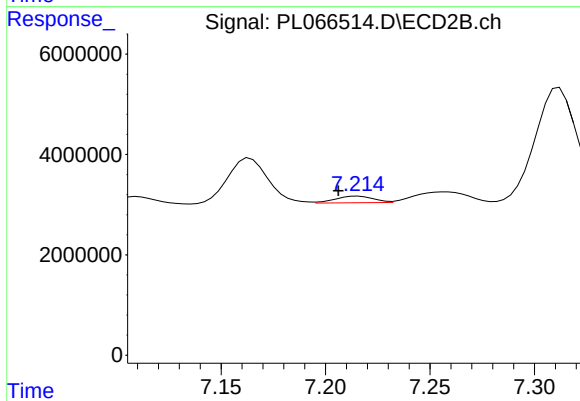
#26 Chlordane-4

R.T.: 6.383 min  
Delta R.T.: -0.001 min  
Response: 7680032  
Conc: 11.44 ng/ml



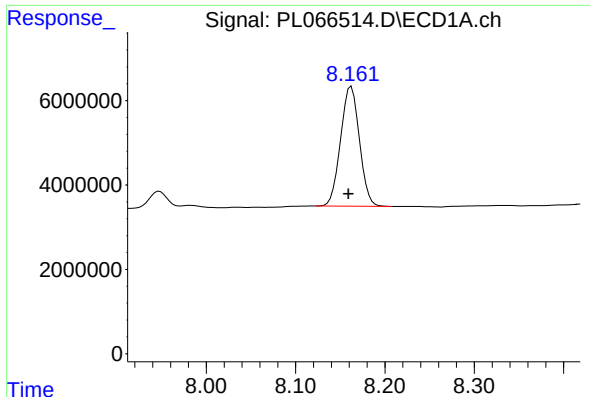
#27 Chlordane-5

R.T.: 6.217 min  
Delta R.T.: -0.017 min  
Response: 10249863  
Conc: 60.87 ng/ml



#27 Chlordane-5

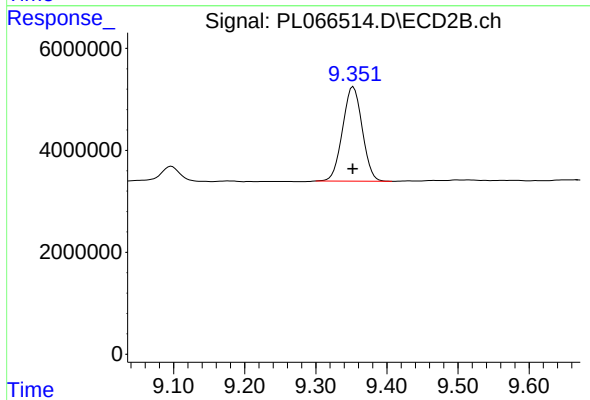
R.T.: 7.215 min  
Delta R.T.: 0.009 min  
Response: 1660686  
Conc: 14.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.162 min  
Delta R.T.: 0.003 min  
Response: 41518611  
Conc: 10.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.353 min  
Delta R.T.: 0.000 min  
Response: 35608901  
Conc: 11.51 ng/ml