

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100524\  
 Data File : PL092215.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2024 13:42  
 Operator : AR\AJ  
 Sample : P4270-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 IB-2MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 02:44:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 2024  
 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... | 3.542  | 2.781 | 63619229 | 40168717 | 28.597   | 16.016 #   |
| 28)                         | SA Decachlor... | 9.058  | 7.921 | 18147094 | 24607002 | 11.077   | 9.835      |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.284 | 135.5E6  | 163.2E6  | 43.774   | 44.804     |
| 3)                          | MA gamma-BHC... | 4.331  | 3.614 | 137.6E6  | 154.0E6  | 44.410   | 43.604     |
| 4)                          | MA Heptachlor   | 4.920  | 3.953 | 123.5E6  | 155.9E6  | 44.648   | 45.181     |
| 5)                          | MB Aldrin       | 5.261  | 4.234 | 119.1E6  | 147.0E6  | 42.878   | 43.214     |
| 6)                          | B beta-BHC      | 4.528  | 3.913 | 58180635 | 67656132 | 43.864   | 45.011     |
| 7)                          | B delta-BHC     | 4.775  | 4.143 | 93799012 | 108.8E6  | 32.522   | 31.334     |
| 8)                          | B Heptachlo...  | 5.687  | 4.736 | 109.9E6  | 135.0E6  | 43.200   | 44.647     |
| 9)                          | A Endosulfan I  | 6.073  | 5.106 | 102.4E6  | 118.2E6  | 44.266   | 43.074     |
| 10)                         | B gamma-Chl...  | 5.943  | 4.986 | 111.1E6  | 138.5E6  | 44.948   | 46.034     |
| 11)                         | B alpha-Chl...  | 6.022  | 5.050 | 108.5E6  | 136.9E6  | 44.055   | 45.726     |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.238 | 89674135 | 127.4E6  | 41.431   | 45.848     |
| 13)                         | MA Dieldrin     | 6.348  | 5.370 | 103.4E6  | 131.1E6  | 42.405   | 44.720     |
| 14)                         | MA Endrin       | 6.578  | 5.646 | 84253967 | 115.6E6  | 40.886   | 44.084     |
| 15)                         | B Endosulfa...  | 6.797  | 5.940 | 91473858 | 111.5E6  | 41.584   | 44.575     |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.793 | 83752485 | 95104791 | 46.640   | 44.520     |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.044 | 81279144 | 101.5E6  | 44.145   | 43.890     |
| 18)                         | B Endrin al...  | 6.927  | 6.119 | 72226991 | 85562487 | 41.444   | 41.928     |
| 19)                         | B Endosulfa...  | 7.162  | 6.342 | 82035899 | 101.9E6  | 41.385   | 42.222     |
| 20)                         | A Methoxychlor  | 7.502  | 6.619 | 44282947 | 53388665 | 45.108   | 42.699     |
| 21)                         | B Endrin ke...  | 7.646  | 6.848 | 93911773 | 118.2E6  | 42.734   | 42.697     |
| 22)                         | Mirex           | 8.120  | 7.029 | 73627145 | 97727346 | 40.881   | 40.173     |
| 24)                         | Chlordane-2     | 5.261f | 4.372 | 119.1E6  | 1304885  | 1110.493 | 11.627 #   |
| 25)                         | Chlordane-3     | 5.943  | 4.986 | 111.1E6  | 138.5E6  | 296.534  | 418.131 #  |
| 26)                         | Chlordane-4     | 6.022  | 5.050 | 108.5E6  | 136.9E6  | 239.645  | 431.426 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.940 | 0        | 111.5E6  | N.D.     | 1028.533 # |
| -----                       |                 |        |       |          |          |          |            |

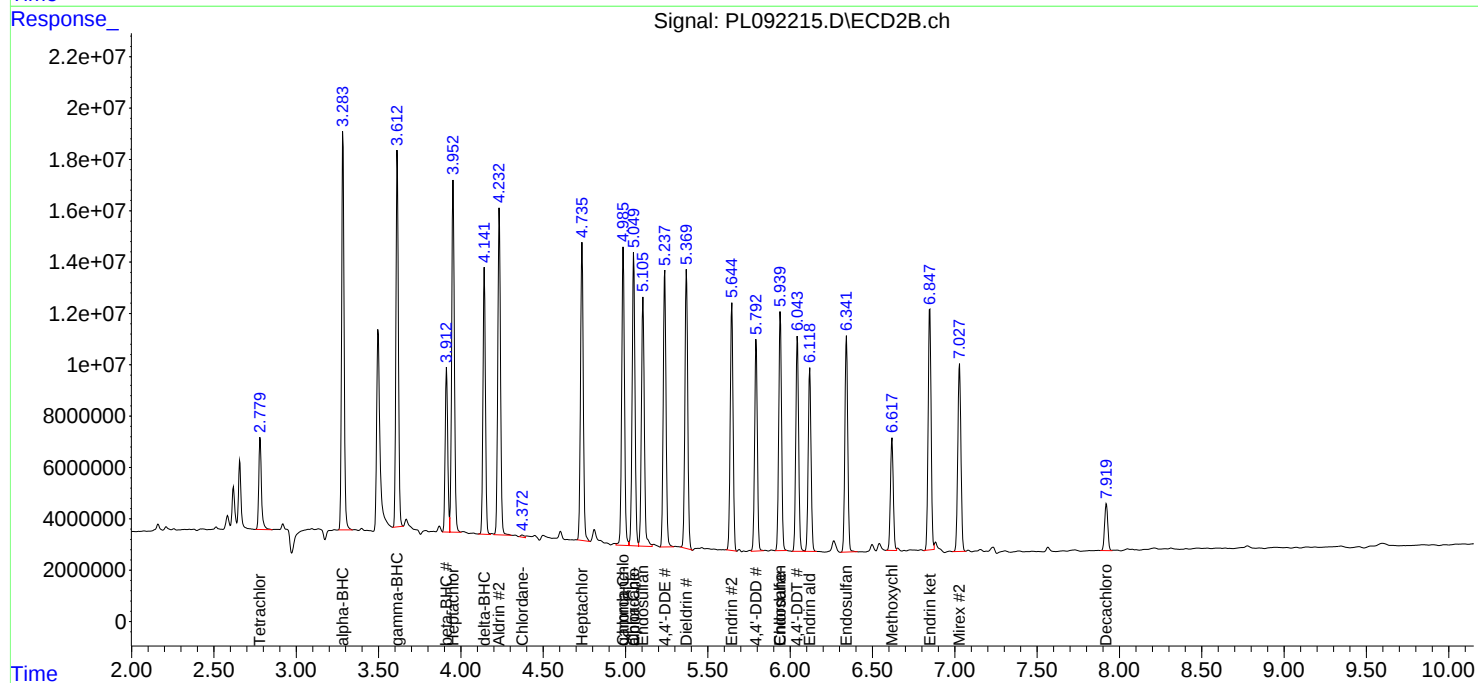
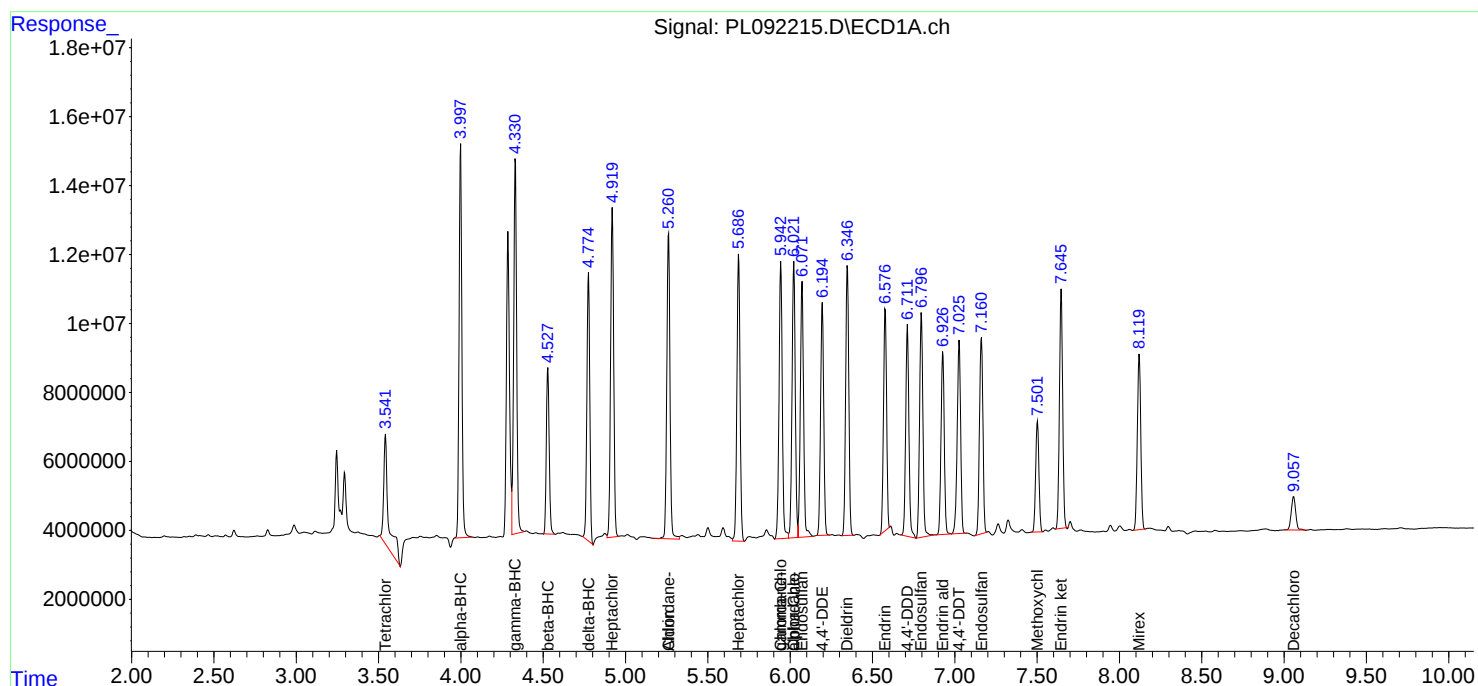
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

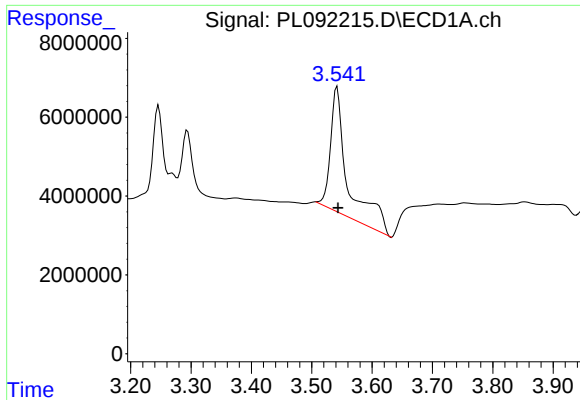
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100524\  
Data File : PL092215.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2024 13:42  
Operator : AR\AJ  
Sample : P4270-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 02:44:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 2024  
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

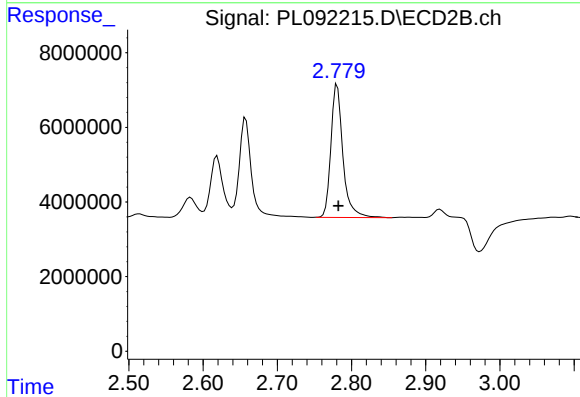




#1 Tetrachloro-m-xylene

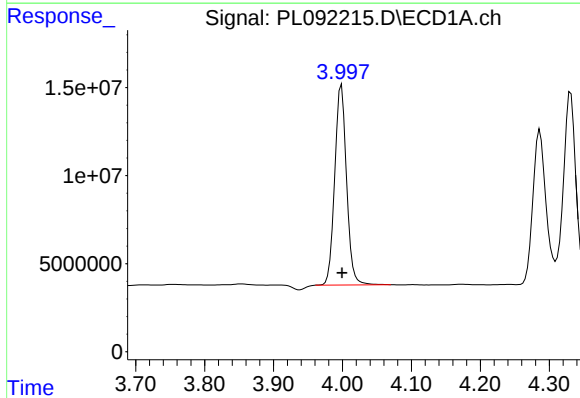
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 63619229  
Conc: 28.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



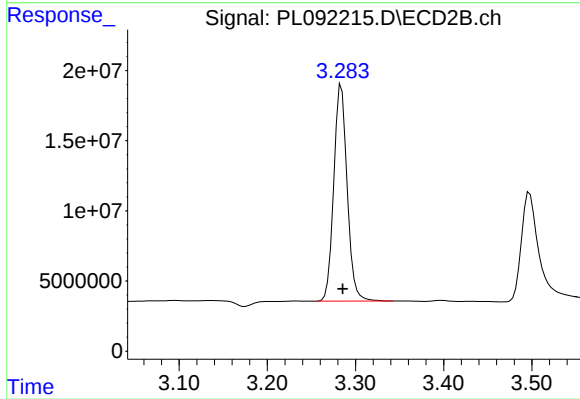
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: -0.001 min  
Response: 40168717  
Conc: 16.02 ng/ml



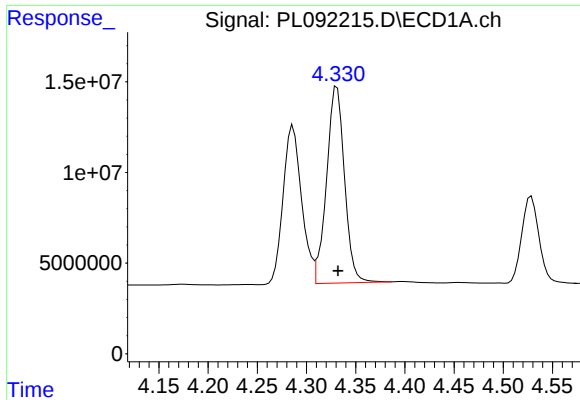
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 135545549  
Conc: 43.77 ng/ml



#2 alpha-BHC

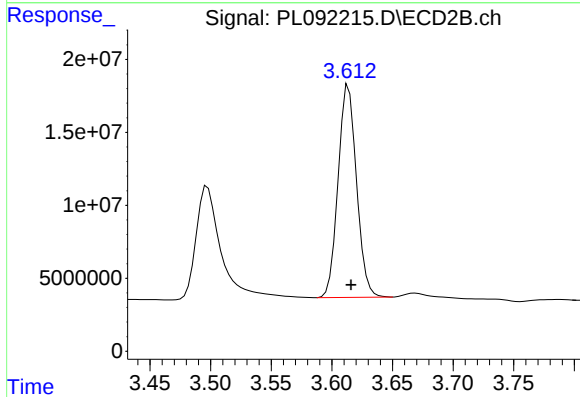
R.T.: 3.284 min  
Delta R.T.: -0.002 min  
Response: 163233890  
Conc: 44.80 ng/ml



#3 gamma-BHC (Lindane)

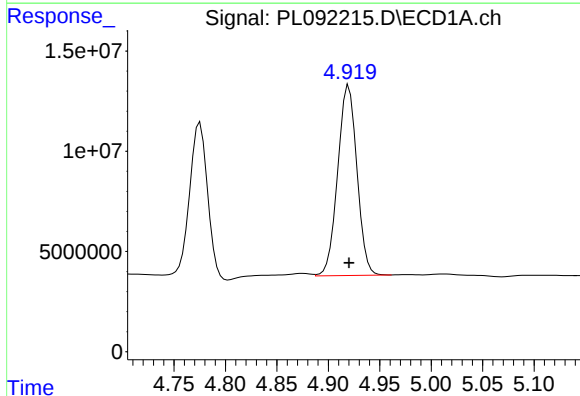
R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 137618468  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



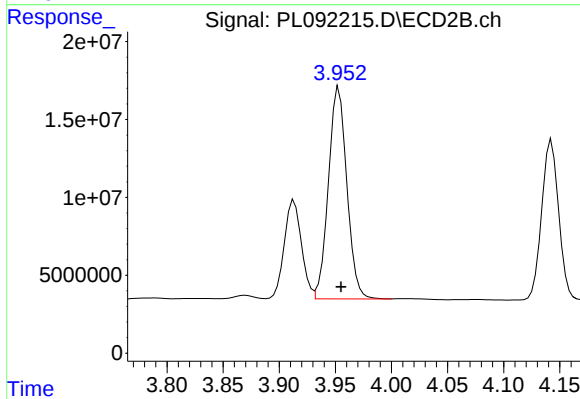
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.002 min  
Response: 153963070  
Conc: 43.60 ng/ml



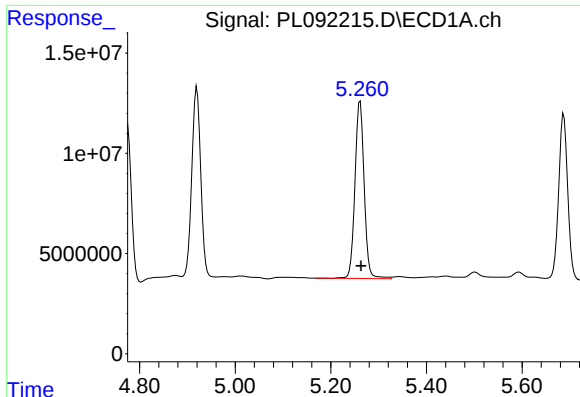
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 123470803  
Conc: 44.65 ng/ml



#4 Heptachlor

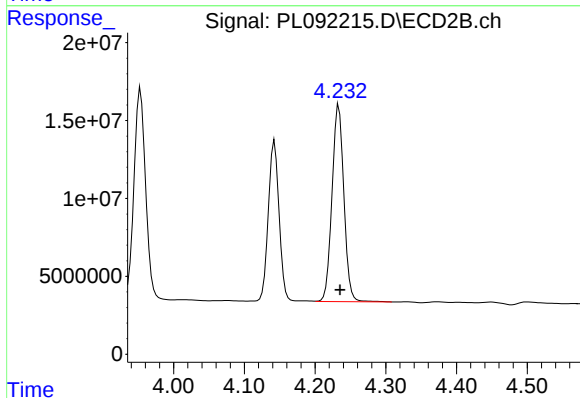
R.T.: 3.953 min  
Delta R.T.: -0.002 min  
Response: 155902752  
Conc: 45.18 ng/ml



#5 Aldrin

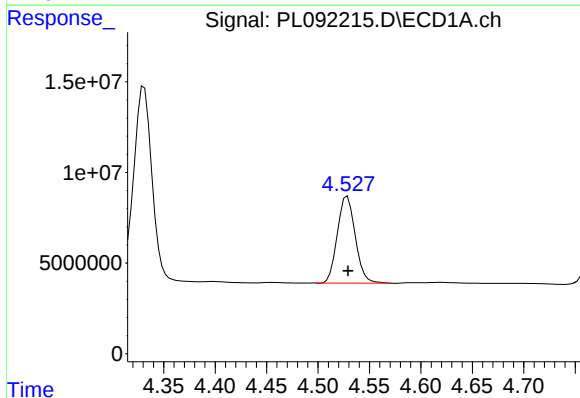
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 119096566  
Conc: 42.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



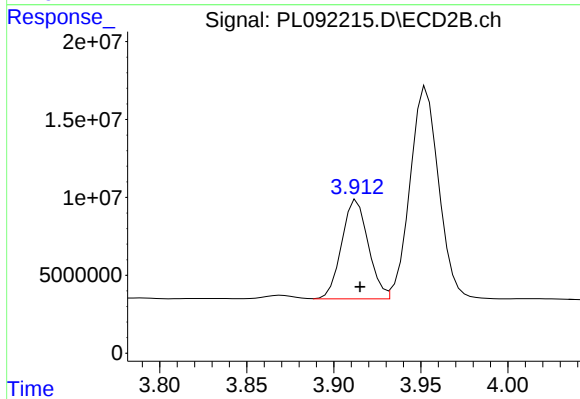
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: -0.002 min  
Response: 146974034  
Conc: 43.21 ng/ml



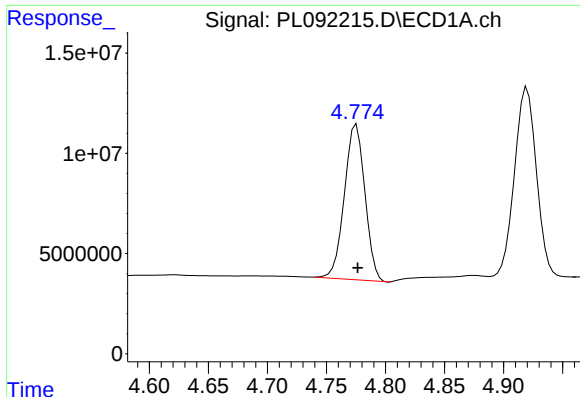
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 58180635  
Conc: 43.86 ng/ml



#6 beta-BHC

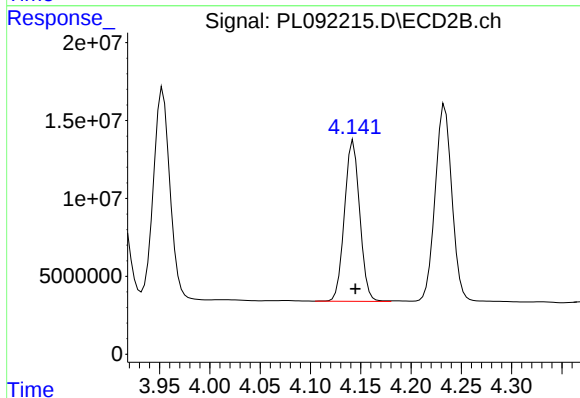
R.T.: 3.913 min  
Delta R.T.: -0.002 min  
Response: 67656132  
Conc: 45.01 ng/ml



#7 delta-BHC

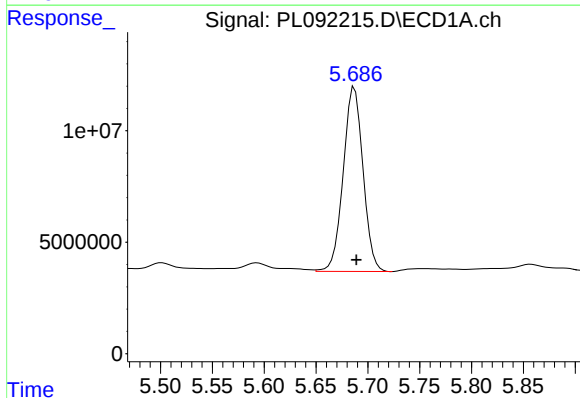
R.T.: 4.775 min  
Delta R.T.: -0.001 min  
Response: 93799012  
Conc: 32.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



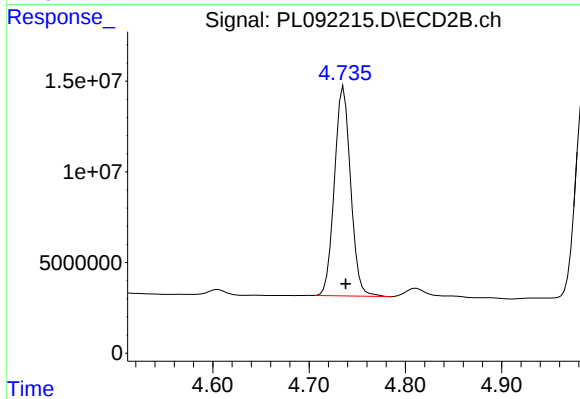
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 108782723  
Conc: 31.33 ng/ml



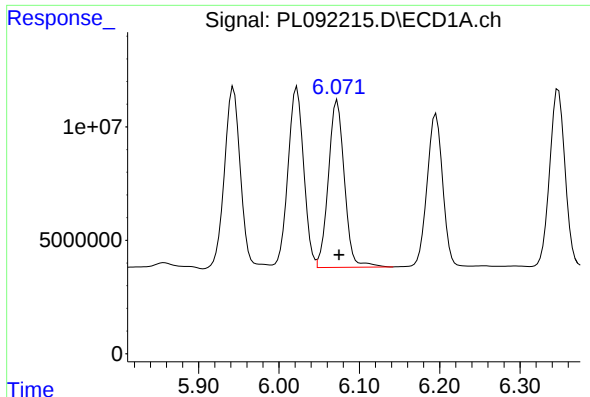
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 109942816  
Conc: 43.20 ng/ml



#8 Heptachlor epoxide

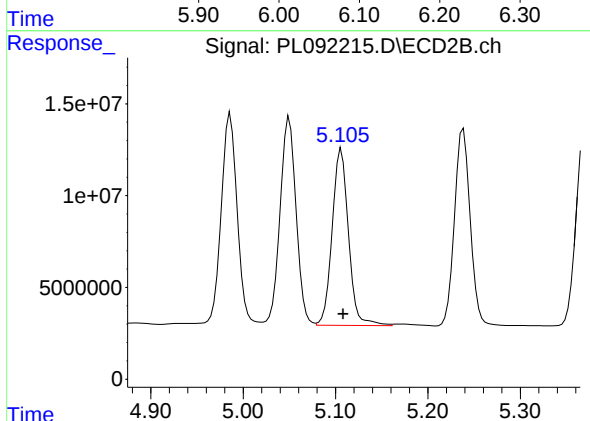
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 134962717  
Conc: 44.65 ng/ml



#9 Endosulfan I

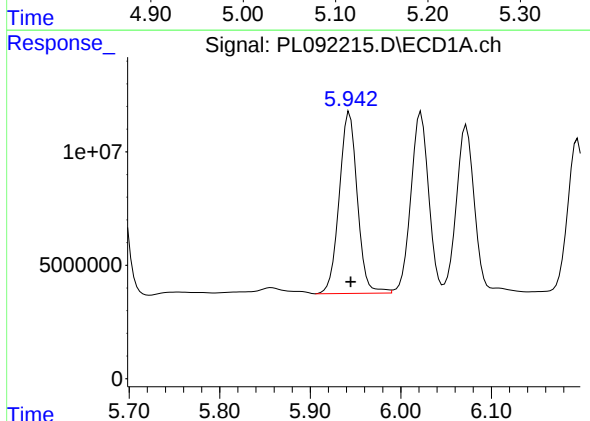
R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 102405511  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



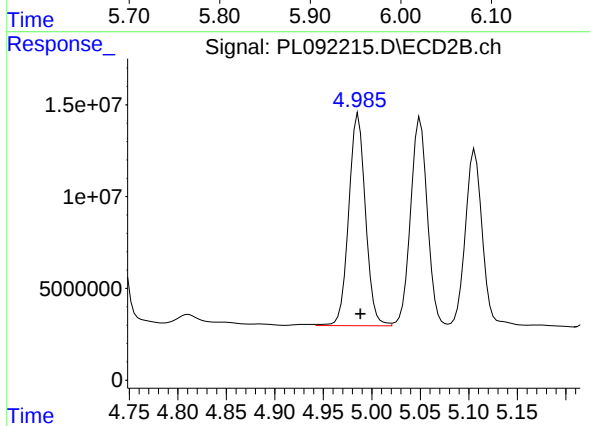
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 118221887  
Conc: 43.07 ng/ml



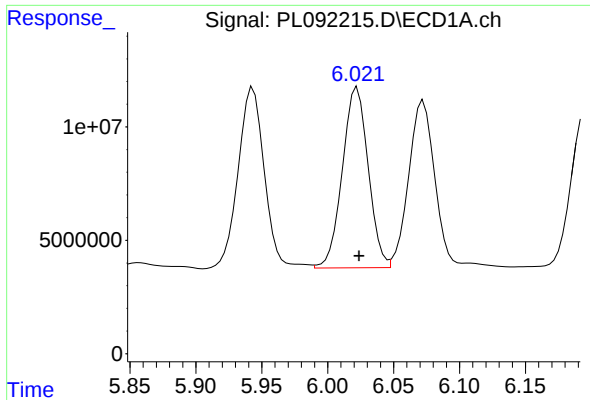
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 111074902  
Conc: 44.95 ng/ml



#10 gamma-Chlordane

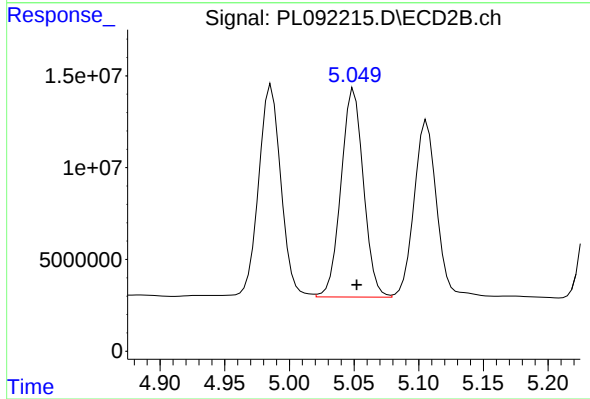
R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 138496755  
Conc: 46.03 ng/ml



#11 alpha-Chlordane

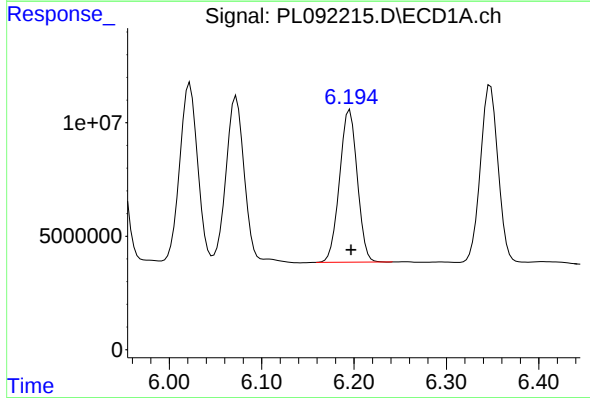
R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 108522427  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



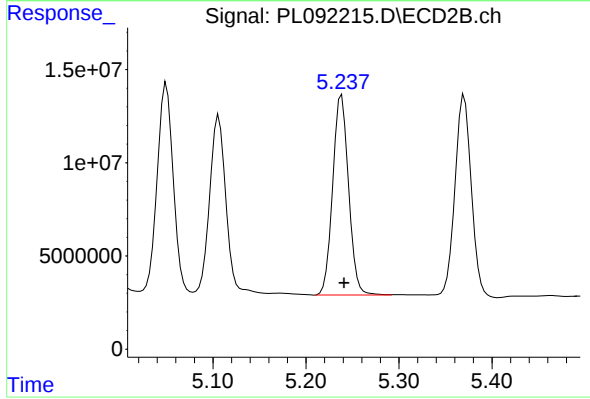
#11 alpha-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 136883638  
Conc: 45.73 ng/ml



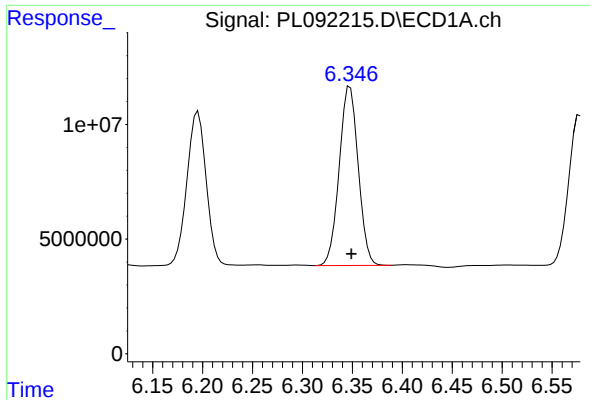
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 89674135  
Conc: 41.43 ng/ml



#12 4,4'-DDE

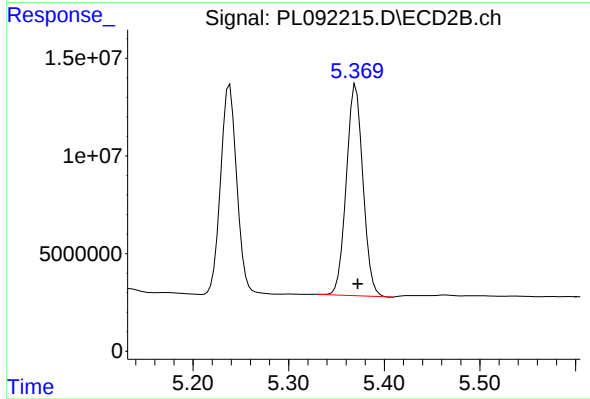
R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 127404565  
Conc: 45.85 ng/ml



#13 Dieldrin

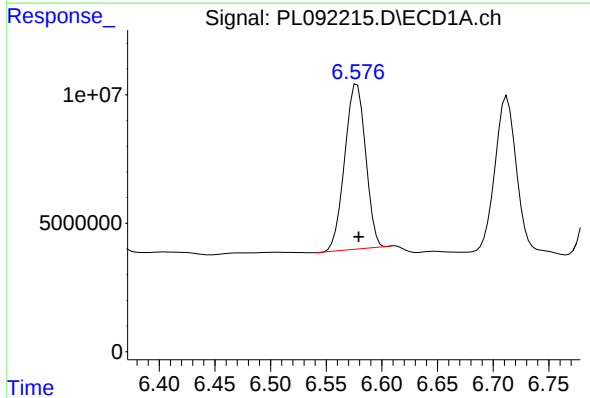
R.T.: 6.348 min  
Delta R.T.: -0.001 min  
Response: 103419552  
Conc: 42.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



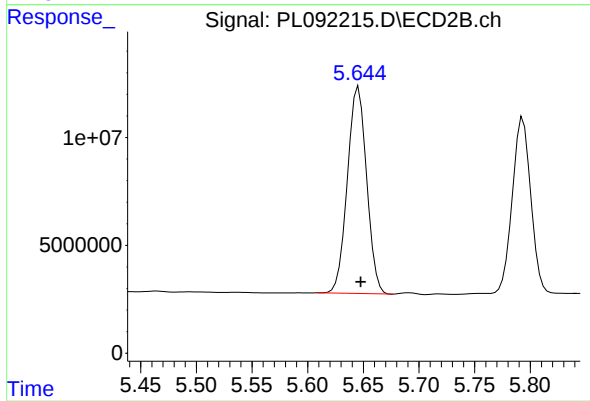
#13 Dieldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 131111141  
Conc: 44.72 ng/ml



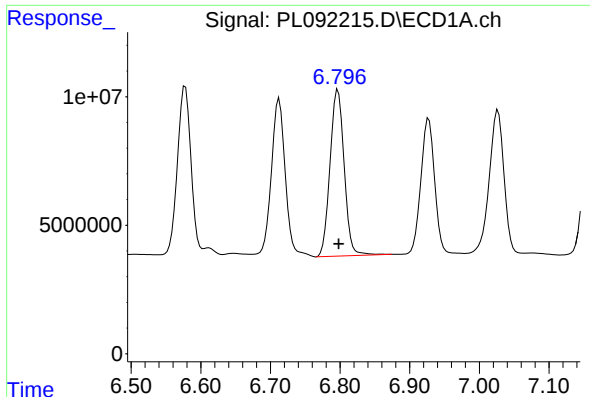
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 84253967  
Conc: 40.89 ng/ml



#14 Endrin

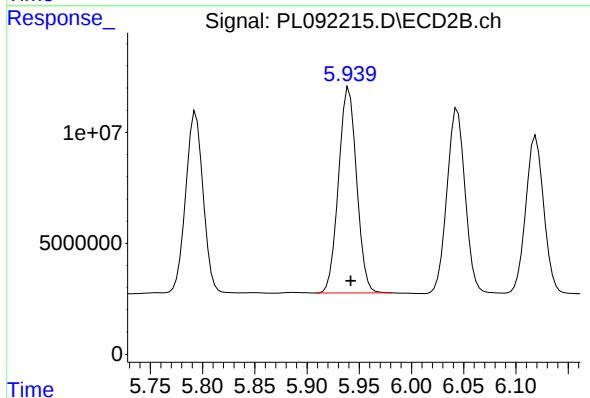
R.T.: 5.646 min  
Delta R.T.: -0.002 min  
Response: 115596304  
Conc: 44.08 ng/ml



#15 Endosulfan II

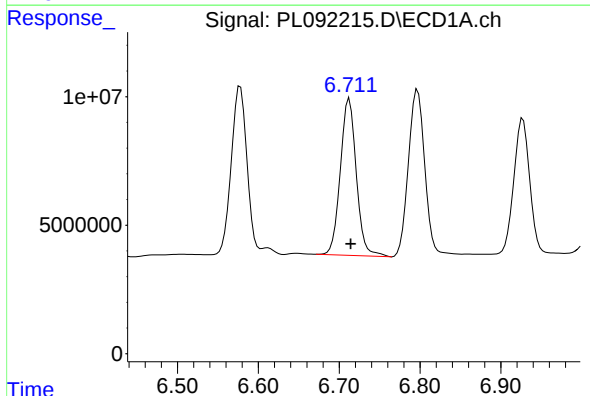
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 91473858  
Conc: 41.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



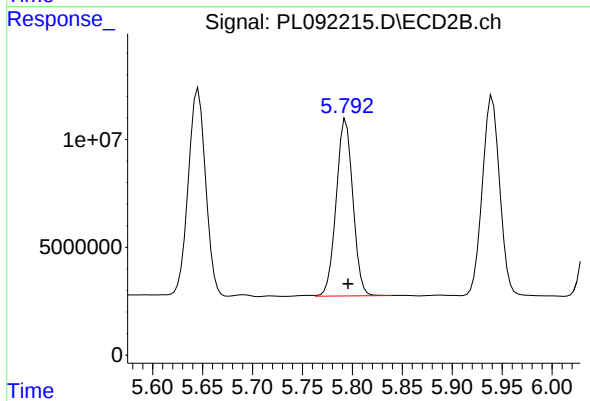
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 111543853  
Conc: 44.57 ng/ml



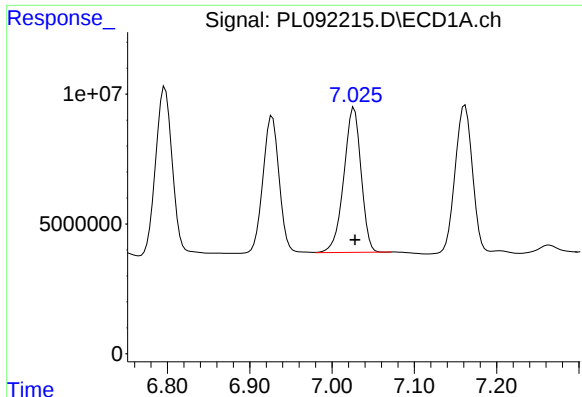
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.002 min  
Response: 83752485  
Conc: 46.64 ng/ml



#16 4,4'-DDD

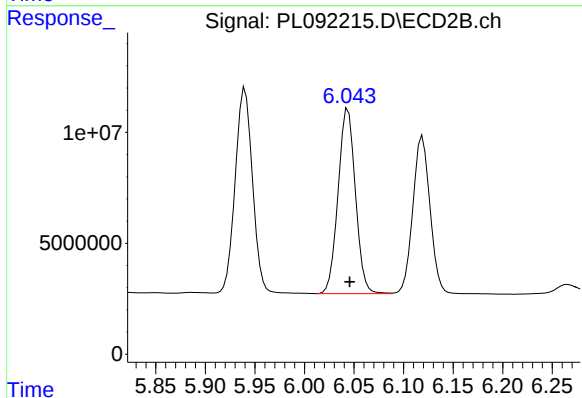
R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 95104791  
Conc: 44.52 ng/ml



#17 4,4'-DDT

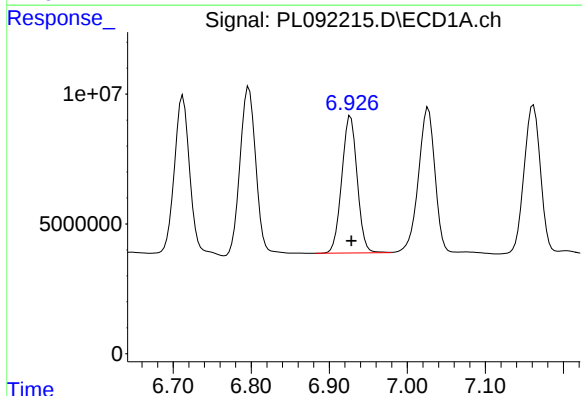
R.T.: 7.027 min  
Delta R.T.: -0.001 min  
Response: 81279144  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



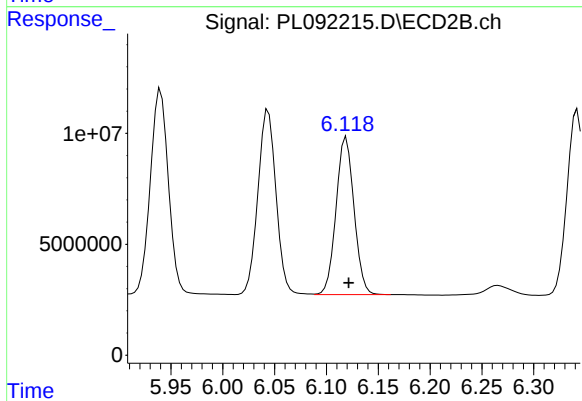
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.002 min  
Response: 101524006  
Conc: 43.89 ng/ml



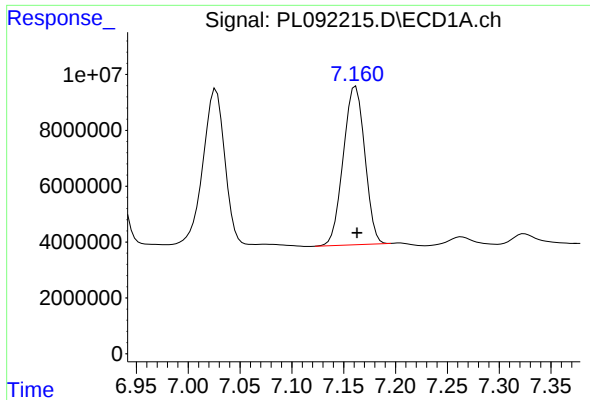
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 72226991  
Conc: 41.44 ng/ml



#18 Endrin aldehyde

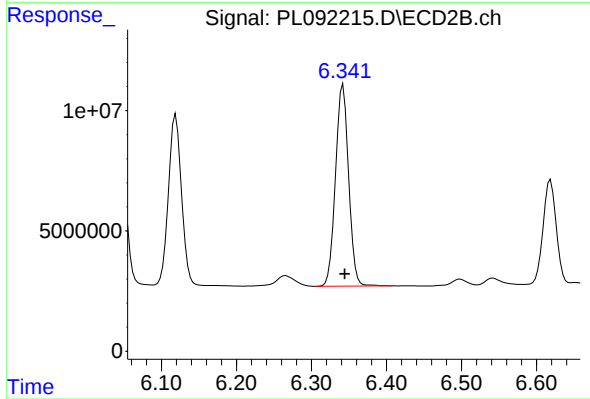
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 85562487  
Conc: 41.93 ng/ml



#19 Endosulfan Sulfate

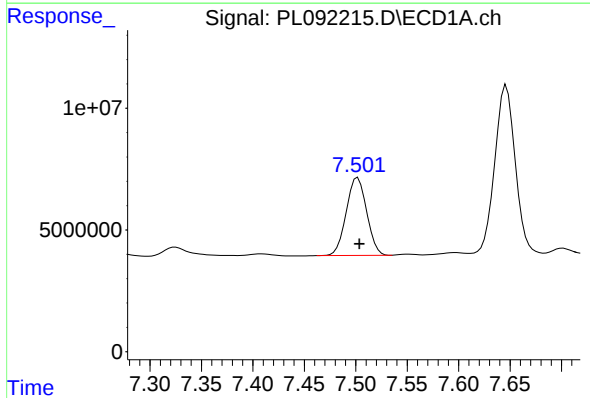
R.T.: 7.162 min  
Delta R.T.: -0.001 min  
Response: 82035899  
Conc: 41.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



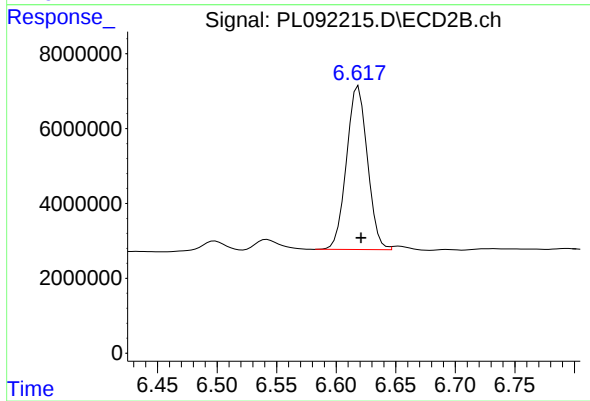
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 101860955  
Conc: 42.22 ng/ml



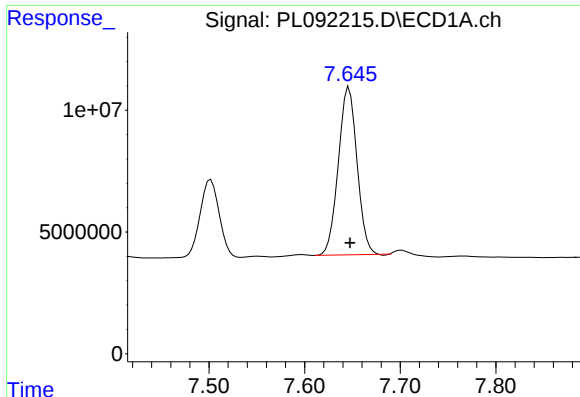
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 44282947  
Conc: 45.11 ng/ml



#20 Methoxychlor

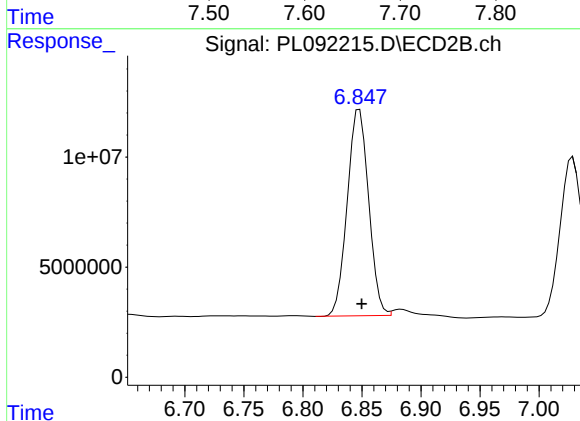
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 53388665  
Conc: 42.70 ng/ml



#21 Endrin ketone

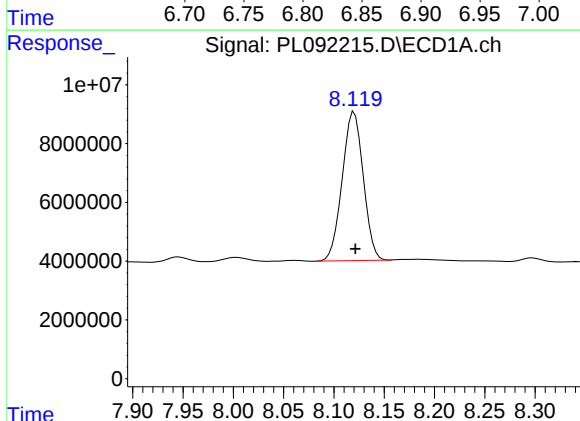
R.T.: 7.646 min  
Delta R.T.: -0.001 min  
Response: 93911773  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



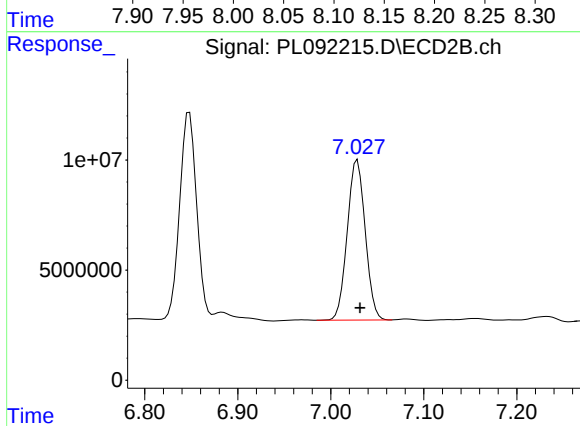
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.002 min  
Response: 118225124  
Conc: 42.70 ng/ml



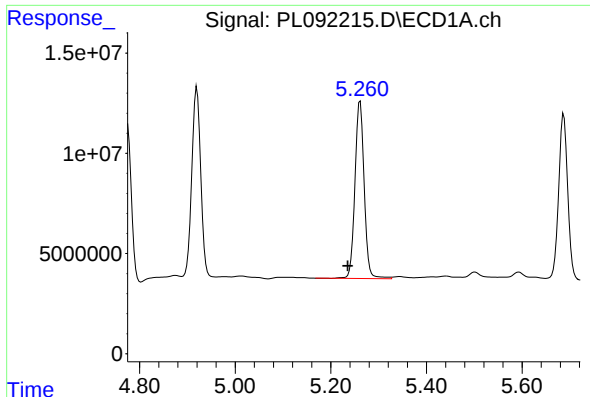
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 73627145  
Conc: 40.88 ng/ml



#22 Mirex

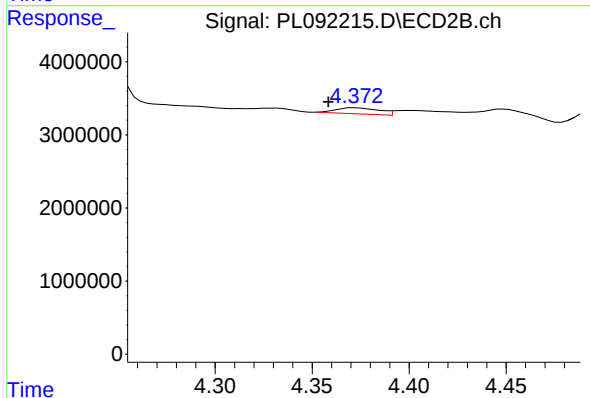
R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 97727346  
Conc: 40.17 ng/ml



#24 Chlordane-2

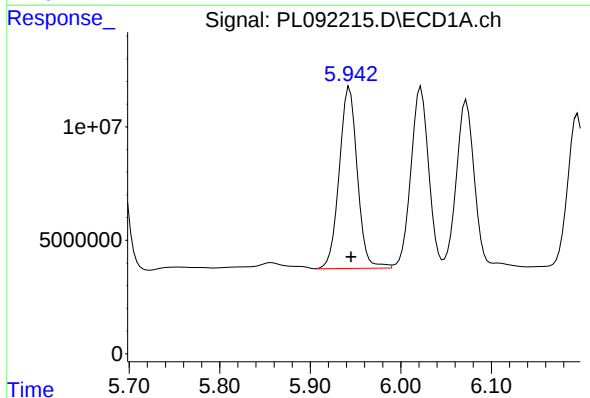
R.T.: 5.261 min  
Delta R.T.: 0.026 min  
Response: 119096566  
Conc: 1110.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



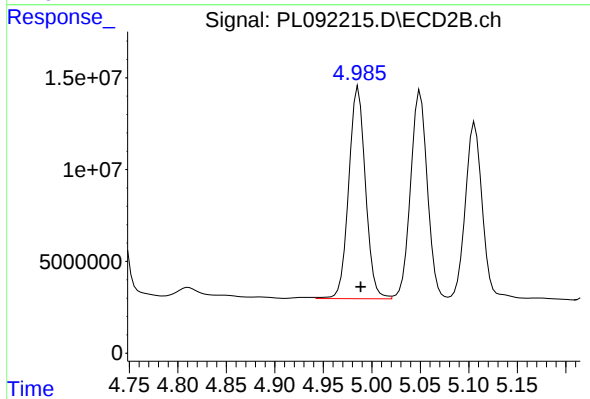
#24 Chlordane-2

R.T.: 4.372 min  
Delta R.T.: 0.014 min  
Response: 1304885  
Conc: 11.63 ng/ml



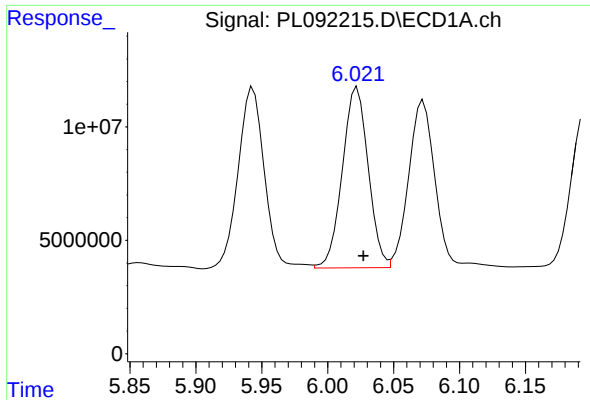
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 111074902  
Conc: 296.53 ng/ml



#25 Chlordane-3

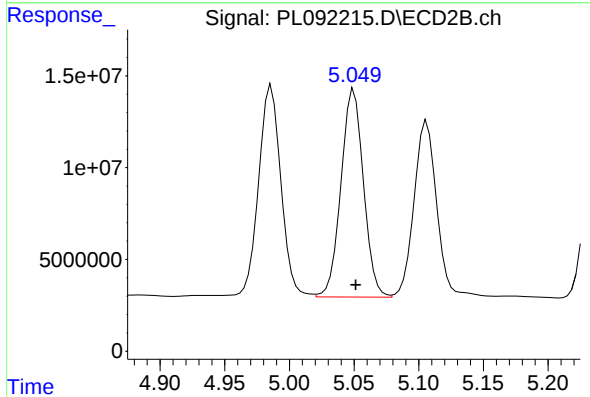
R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 138496755  
Conc: 418.13 ng/ml



#26 Chlordane-4

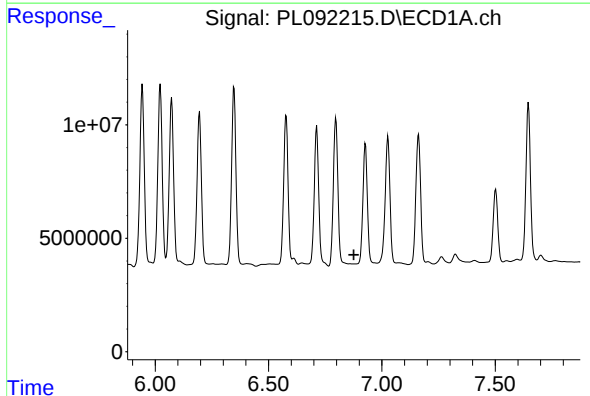
R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 108522427  
Conc: 239.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



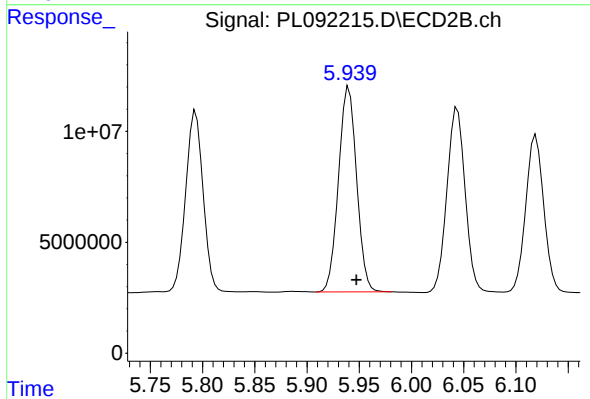
#26 Chlordane-4

R.T.: 5.050 min  
Delta R.T.: -0.001 min  
Response: 136883638  
Conc: 431.43 ng/ml



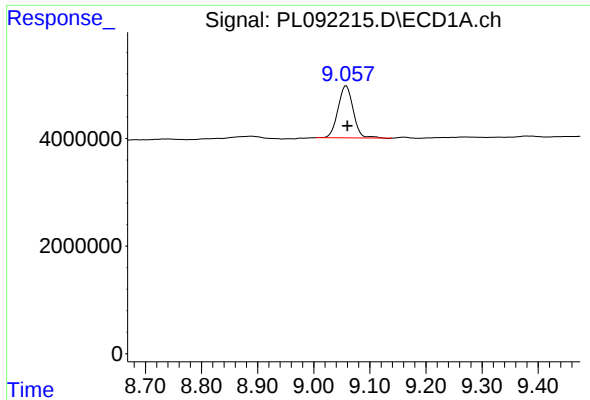
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

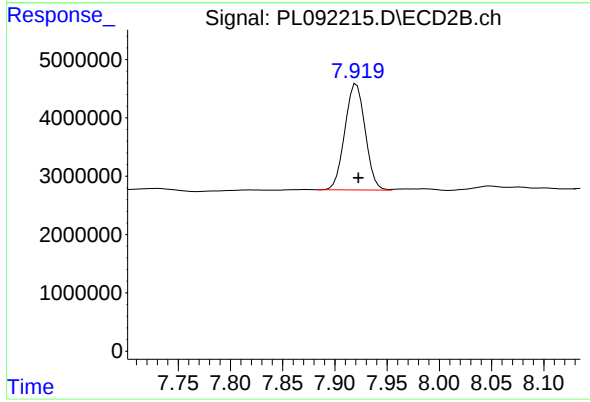
R.T.: 5.940 min  
Delta R.T.: -0.007 min  
Response: 111543853  
Conc: 1028.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.002 min  
Response: 18147094  
Conc: 11.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IB-2MS



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.002 min  
Response: 24607002  
Conc: 9.84 ng/ml