

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092067.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 11:05  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 14:28:37 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... | 3.541  | 2.780  | 26478088 | 45323781 | 11.902  | 18.071 # |
| 28)                         | SA Decachlor... | 9.058  | 7.920  | 26296387 | 39395179 | 16.052  | 15.746   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.996  | 3.283  | 23625396 | 30432689 | 7.630   | 8.353    |
| 3)                          | MA gamma-BHC... | 4.328  | 3.613  | 78977601 | 28682529 | 25.486  | 8.123 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.959  | 0        | 23060    | N.D.    | 0.007 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.242  | 0        | 144556   | N.D.    | 0.043 #  |
| 6)                          | B beta-BHC      | 4.526  | 3.912  | 7991529  | 13052985 | 6.025   | 8.684 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.135  | 0        | 977504   | N.D.    | 0.282 #  |
| 8)                          | B Heptachlo...  | 5.711f | 4.746  | 933883   | 128426   | 0.367   | 0.042 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.079f | 0        | 257843   | N.D.    | 0.094 #  |
| 10)                         | B gamma-Chl...  | 5.930  | 4.992  | 2434753  | 543070   | 0.985   | 0.181 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.041  | 0        | 473642   | N.D.    | 0.158 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.237  | 0        | 3757660  | N.D.    | 1.352 #  |
| 14)                         | MA Endrin       | 6.576  | 5.645  | 64836833 | 104.3E6  | 31.464  | 39.785 # |
| 15)                         | B Endosulfa...  | 6.771f | 0.000  | 10106978 | 0        | 4.595   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.796  | 0        | 749898   | N.D.    | 0.351 #  |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.043  | 133.0E6  | 204.7E6  | 72.224  | 88.510   |
| 18)                         | B Endrin al...  | 6.923  | 6.120  | 2449583  | 3858228  | 1.406   | 1.891 #  |
| 20)                         | A Methoxychlor  | 7.501  | 6.618  | 170.0E6  | 258.6E6  | 173.189 | 206.831  |
| 21)                         | B Endrin ke...  | 7.650  | 6.847  | 6628345  | 4622433  | 3.016   | 1.669 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.810f | 0        | 382009   | N.D.    | 3.821 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.373  | 0        | 520157   | N.D.    | 4.635 #  |
| 25)                         | Chlordane-3     | 5.930  | 4.992  | 2434753  | 543070   | 6.500   | 1.640 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.041  | 0        | 473642   | N.D.    | 1.493 #  |
| 27)                         | Chlordane-5     | 6.848f | 0.000  | 4529890  | 0        | 51.939  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

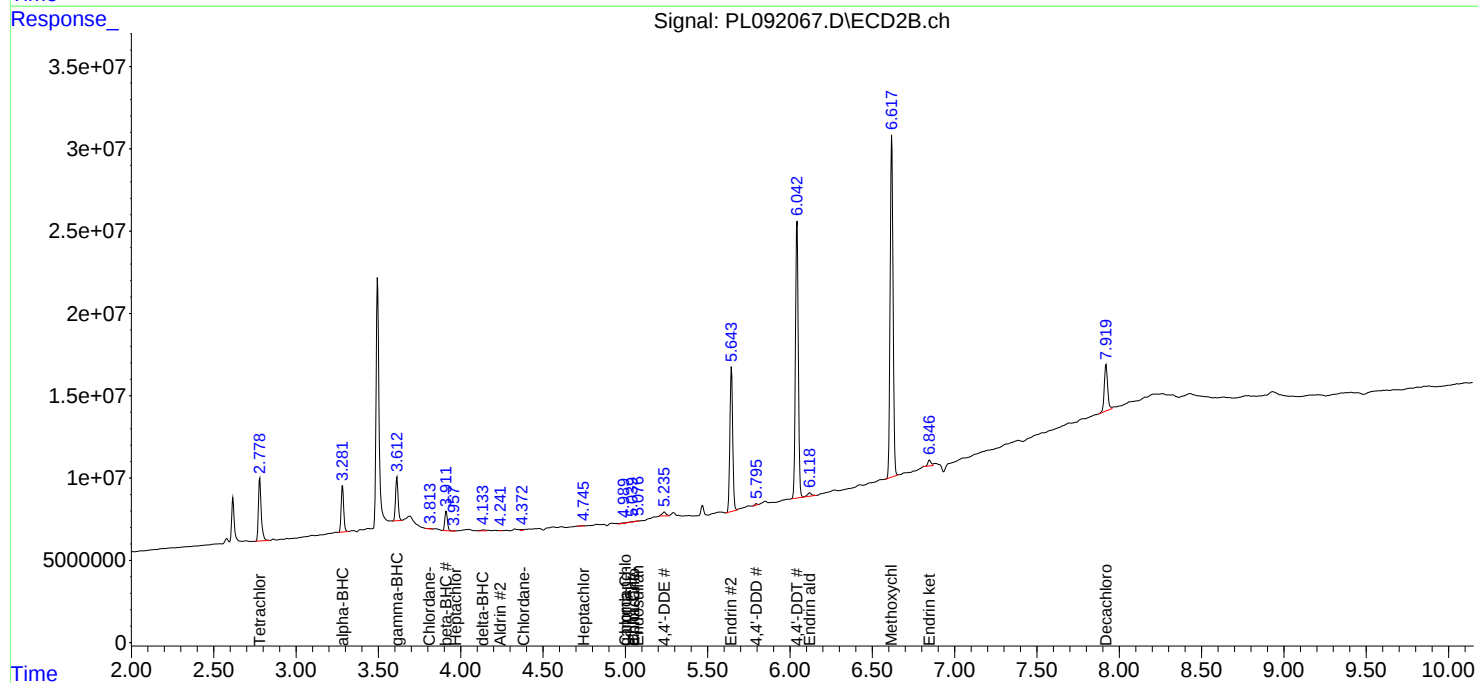
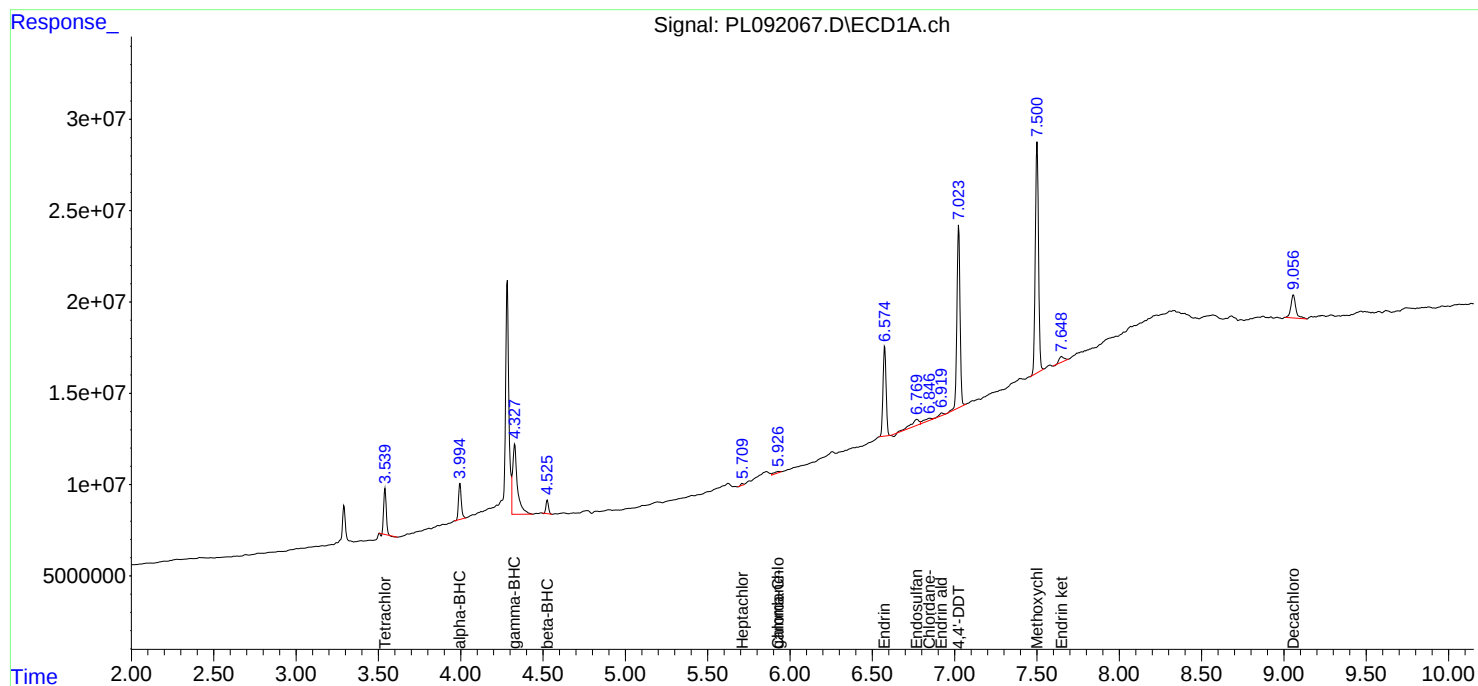
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

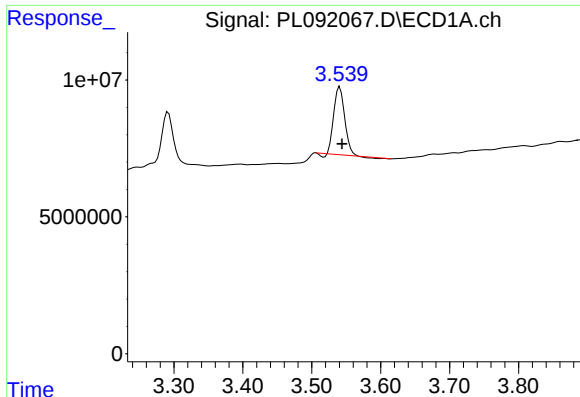
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092067.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 11:05  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 14:28:37 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

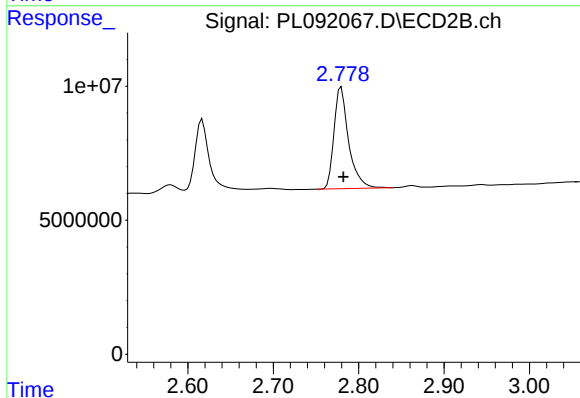




#1 Tetrachloro-m-xylene

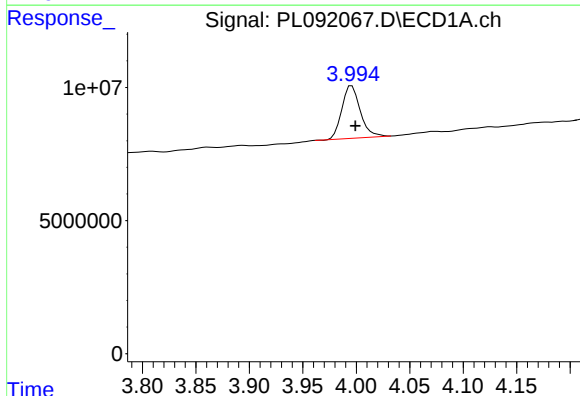
R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 26478088  
Conc: 11.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



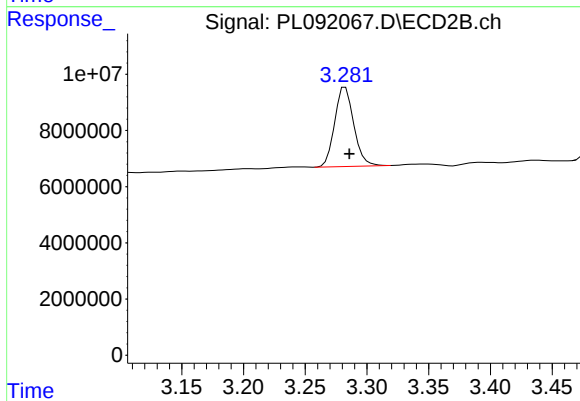
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.002 min  
Response: 45323781  
Conc: 18.07 ng/ml



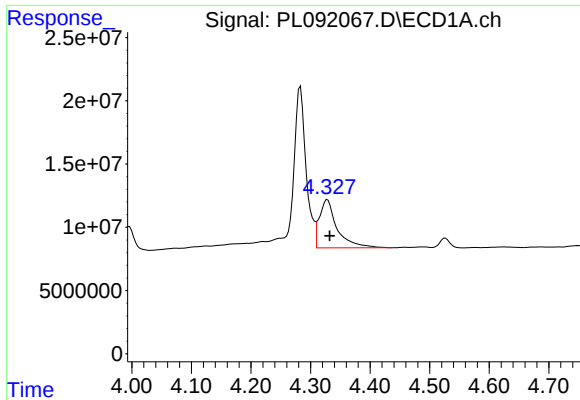
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 23625396  
Conc: 7.63 ng/ml



#2 alpha-BHC

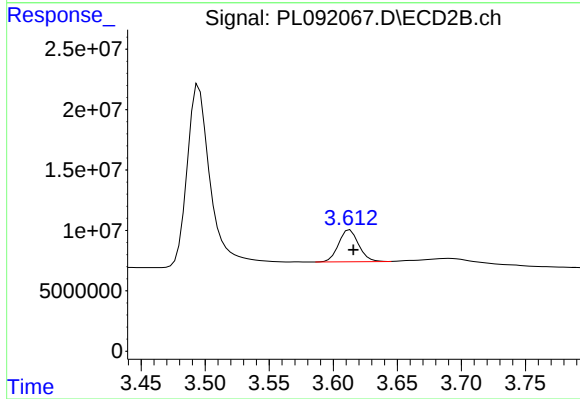
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 30432689  
Conc: 8.35 ng/ml



#3 gamma-BHC (Lindane)

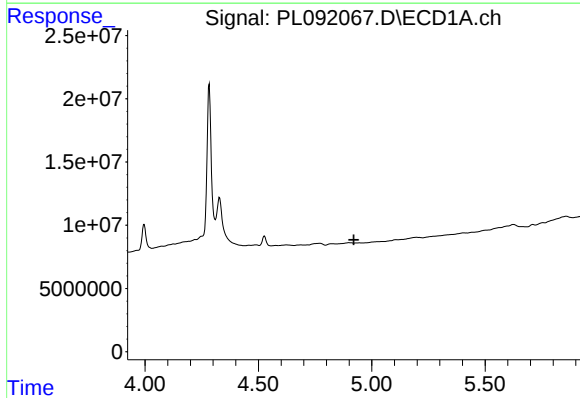
R.T.: 4.328 min  
Delta R.T.: -0.004 min  
Response: 78977601  
Conc: 25.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



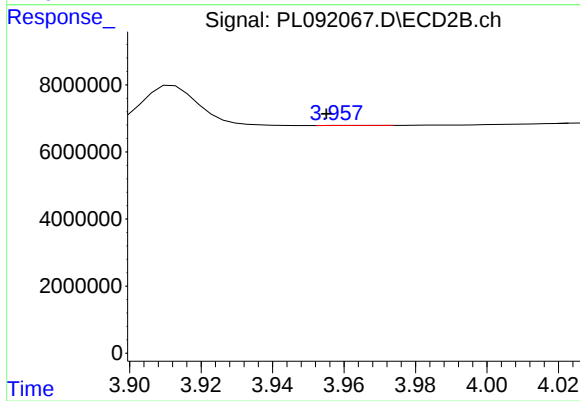
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 28682529  
Conc: 8.12 ng/ml



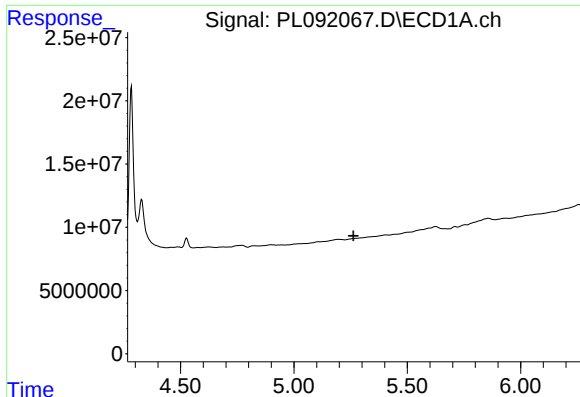
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

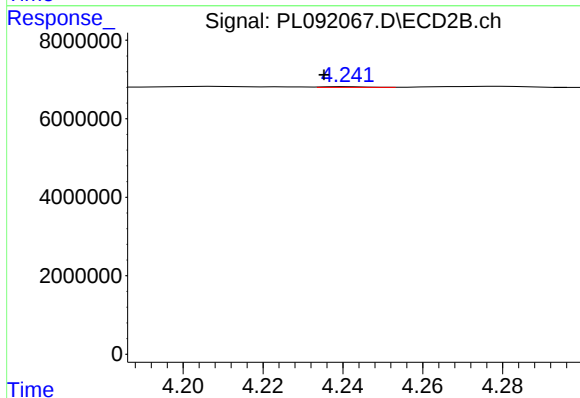
R.T.: 3.959 min  
Delta R.T.: 0.004 min  
Response: 23060  
Conc: 0.01 ng/ml



#5 Aldrin

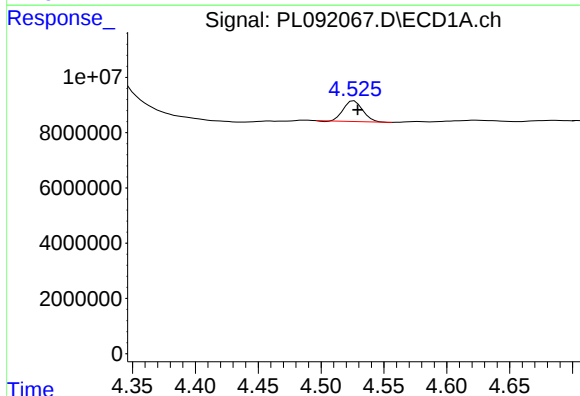
R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



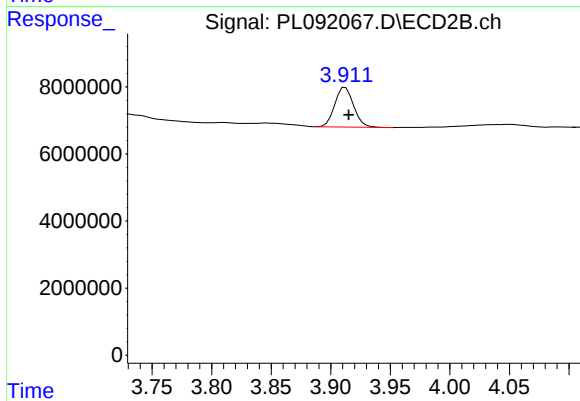
#5 Aldrin

R.T.: 4.242 min  
Delta R.T.: 0.006 min  
Response: 144556  
Conc: 0.04 ng/ml



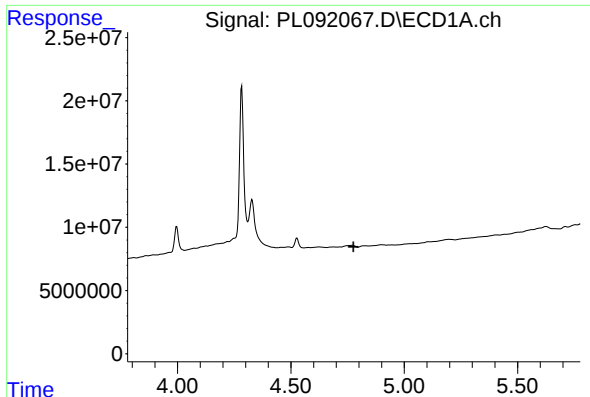
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 7991529  
Conc: 6.03 ng/ml



#6 beta-BHC

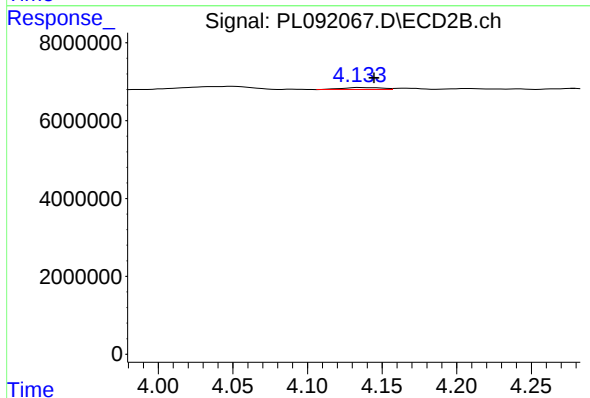
R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 13052985  
Conc: 8.68 ng/ml



#7 delta-BHC

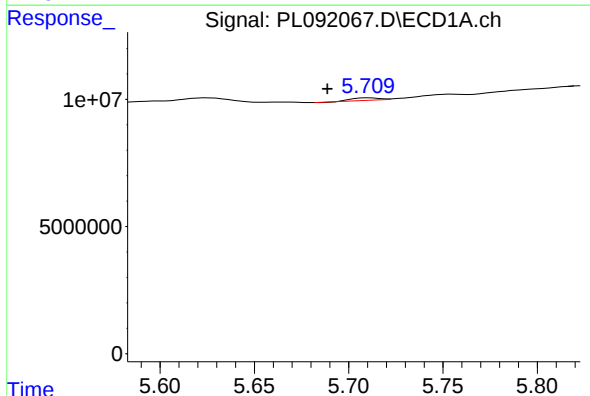
R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



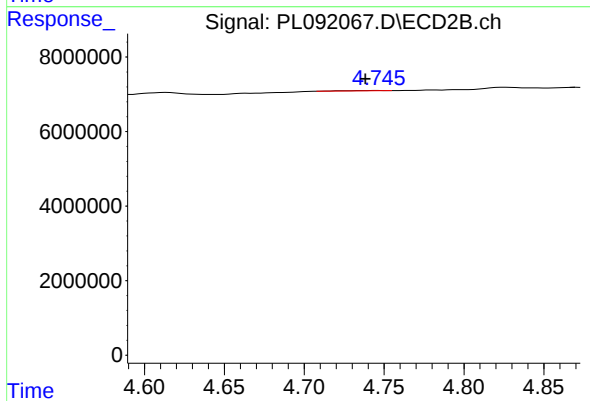
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: -0.010 min  
Response: 977504  
Conc: 0.28 ng/ml



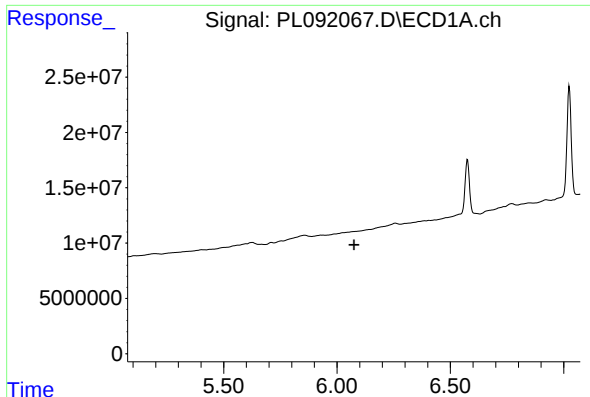
#8 Heptachlor epoxide

R.T.: 5.711 min  
Delta R.T.: 0.022 min  
Response: 933883  
Conc: 0.37 ng/ml



#8 Heptachlor epoxide

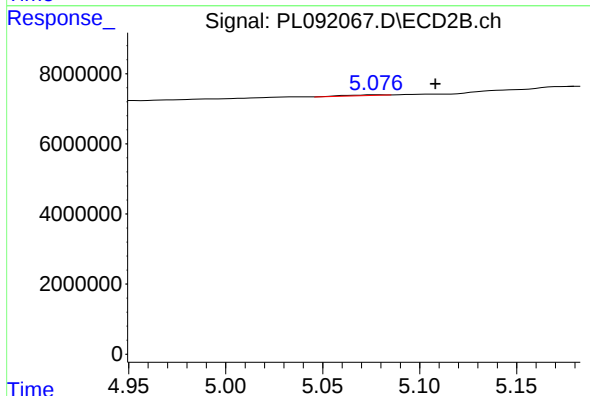
R.T.: 4.746 min  
Delta R.T.: 0.008 min  
Response: 128426  
Conc: 0.04 ng/ml



#9 Endosulfan I

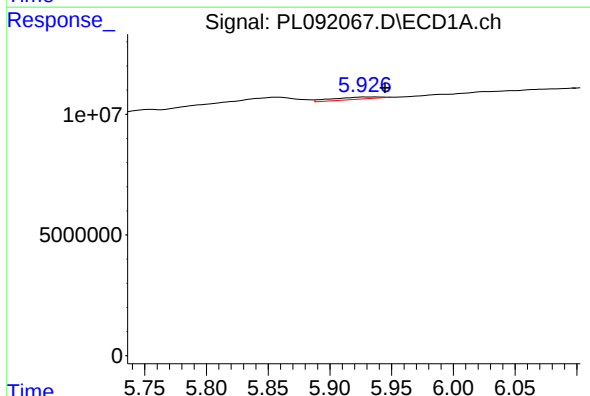
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



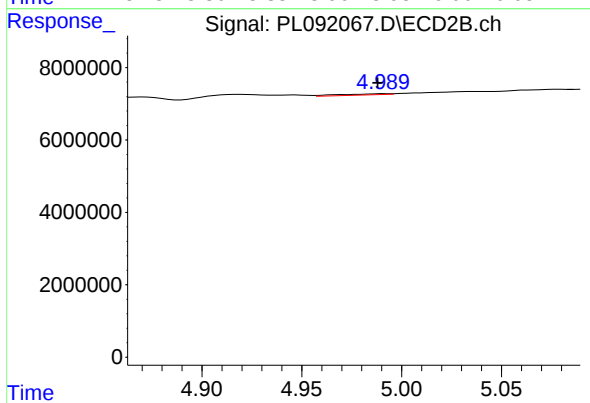
#9 Endosulfan I

R.T.: 5.079 min  
Delta R.T.: -0.030 min  
Response: 257843  
Conc: 0.09 ng/ml



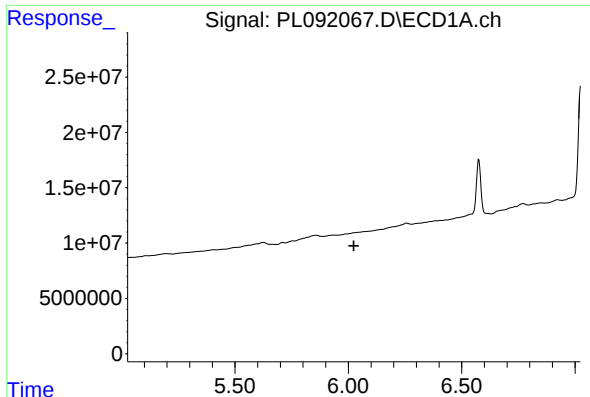
#10 gamma-Chlordane

R.T.: 5.930 min  
Delta R.T.: -0.014 min  
Response: 2434753  
Conc: 0.99 ng/ml



#10 gamma-Chlordane

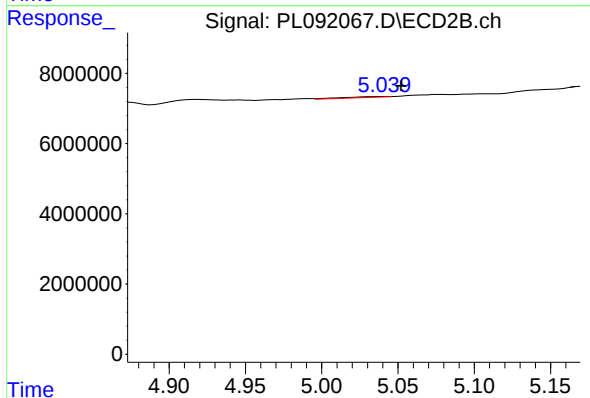
R.T.: 4.992 min  
Delta R.T.: 0.004 min  
Response: 543070  
Conc: 0.18 ng/ml



#11 alpha-Chlordane

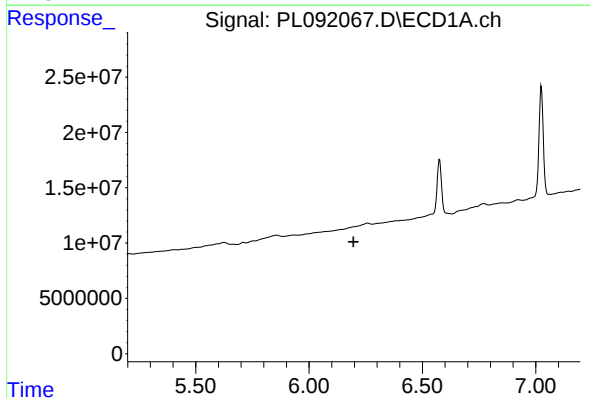
R.T.: 0.000 min  
Exp R.T.: 6.024 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



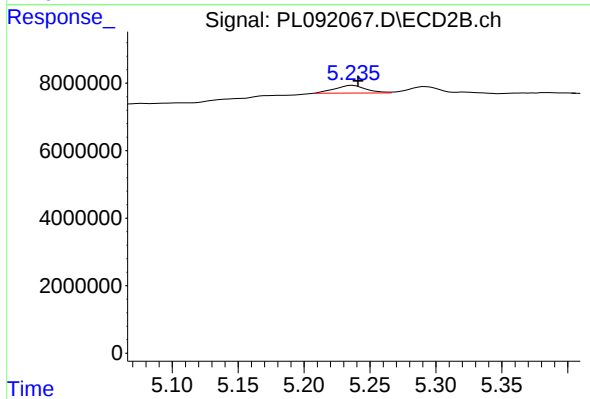
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.011 min  
Response: 473642  
Conc: 0.16 ng/ml



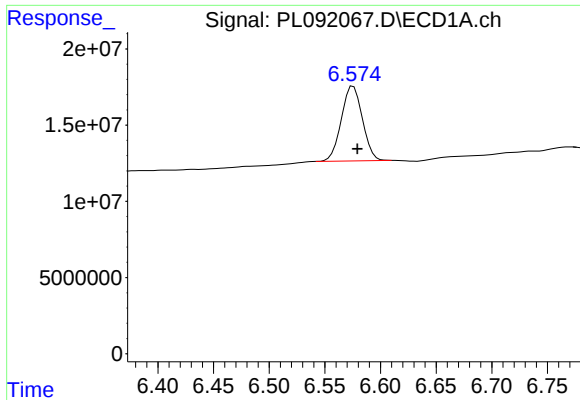
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

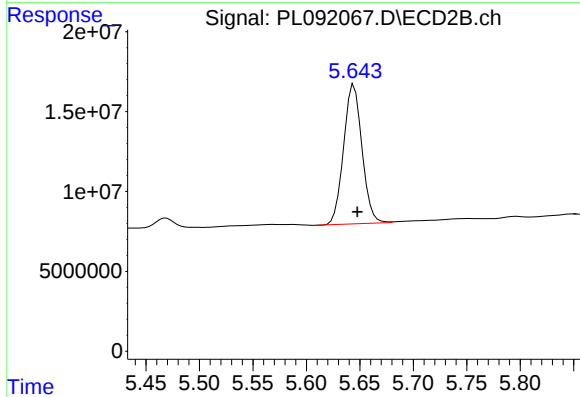
R.T.: 5.237 min  
Delta R.T.: -0.004 min  
Response: 3757660  
Conc: 1.35 ng/ml



#14 Endrin

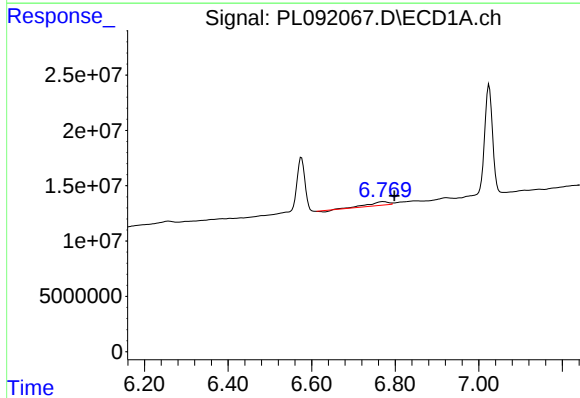
R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 64836833  
Conc: 31.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



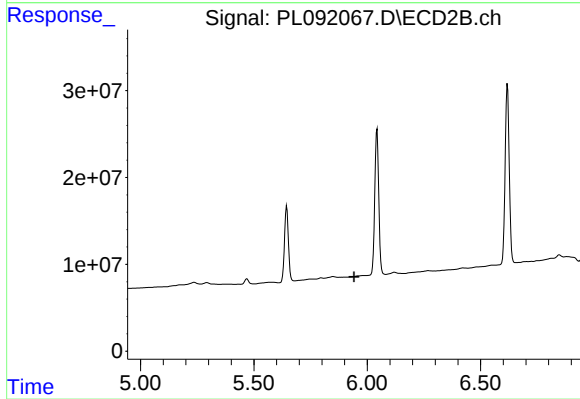
#14 Endrin

R.T.: 5.645 min  
Delta R.T.: -0.003 min  
Response: 104323204  
Conc: 39.78 ng/ml



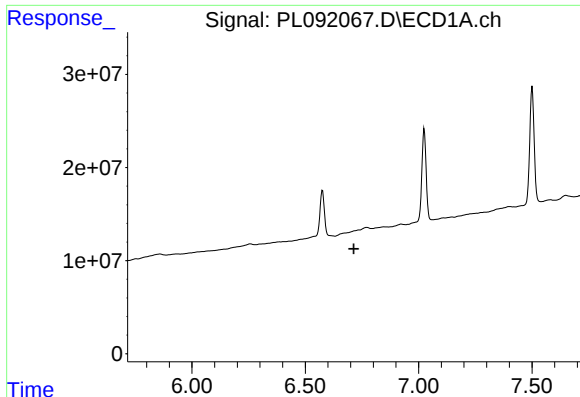
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.027 min  
Response: 10106978  
Conc: 4.59 ng/ml



#15 Endosulfan II

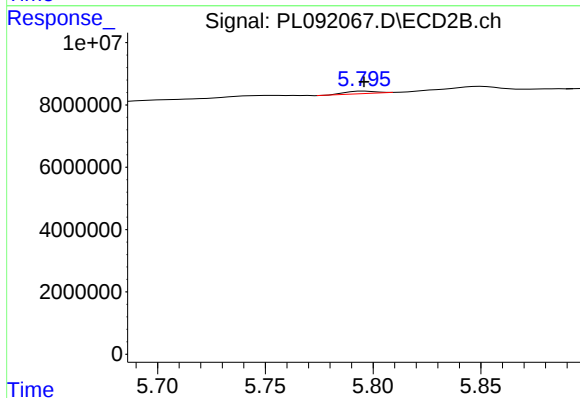
R.T.: 0.000 min  
Exp R.T. : 5.942 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

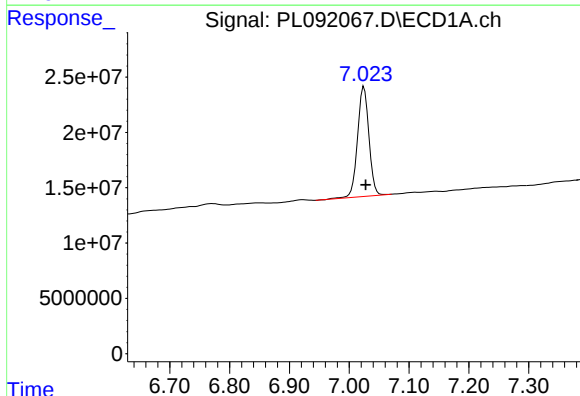
R.T.: 0.000 min  
Exp R.T.: 6.714 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



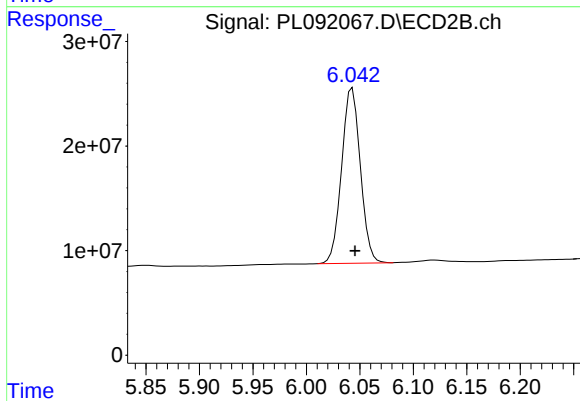
#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 749898  
Conc: 0.35 ng/ml



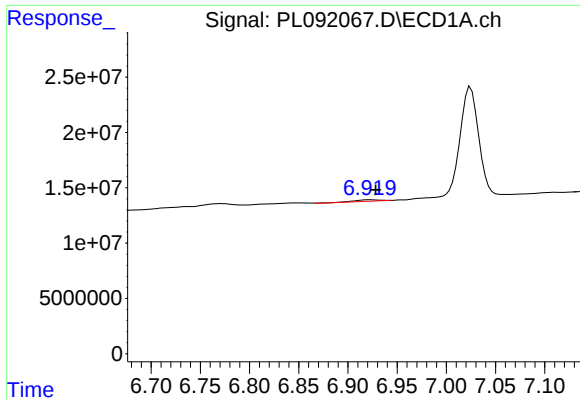
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 132978868  
Conc: 72.22 ng/ml



#17 4,4'-DDT

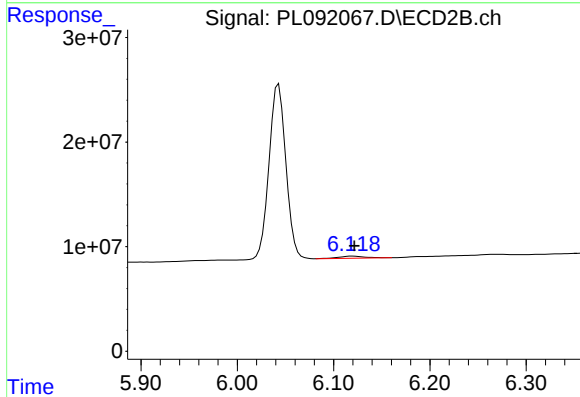
R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 204738796  
Conc: 88.51 ng/ml



#18 Endrin aldehyde

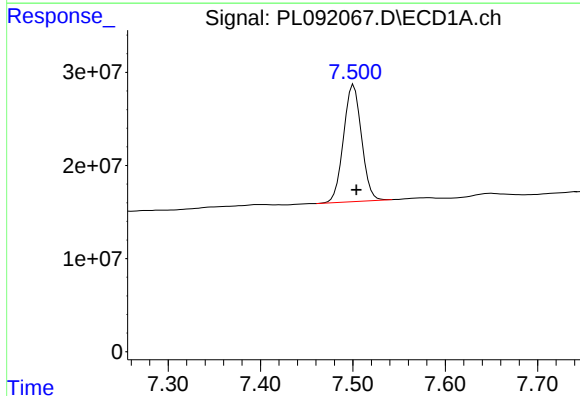
R.T.: 6.923 min  
Delta R.T.: -0.006 min  
Response: 2449583  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



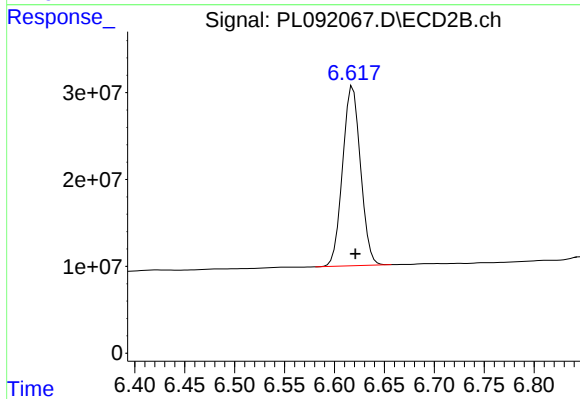
#18 Endrin aldehyde

R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 3858228  
Conc: 1.89 ng/ml



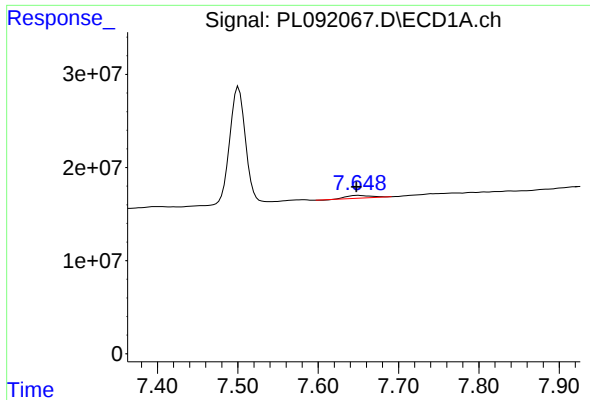
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.003 min  
Response: 170021236  
Conc: 173.19 ng/ml



#20 Methoxychlor

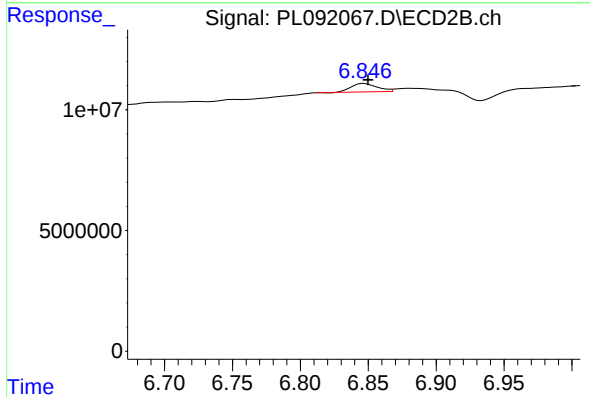
R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 258610574  
Conc: 206.83 ng/ml



#21 Endrin ketone

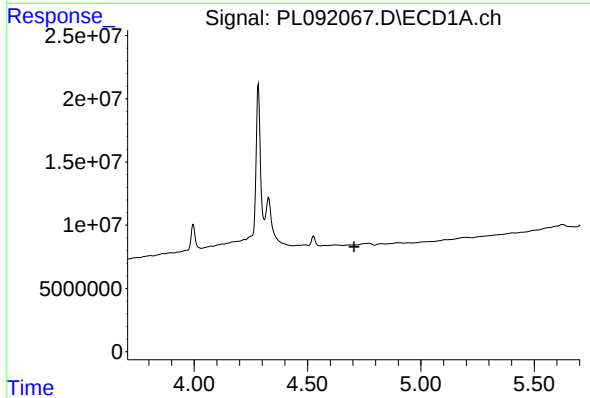
R.T.: 7.650 min  
Delta R.T.: 0.002 min  
Response: 6628345  
Conc: 3.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



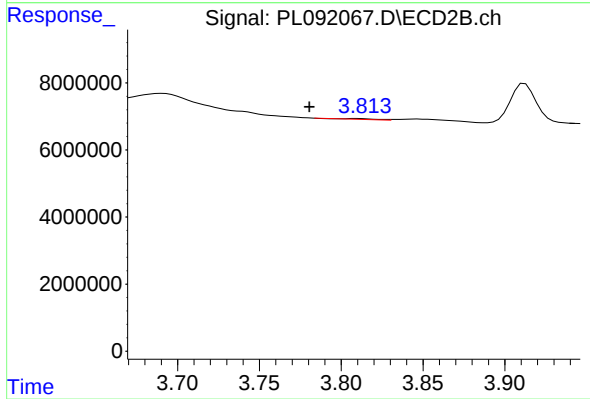
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 4622433  
Conc: 1.67 ng/ml



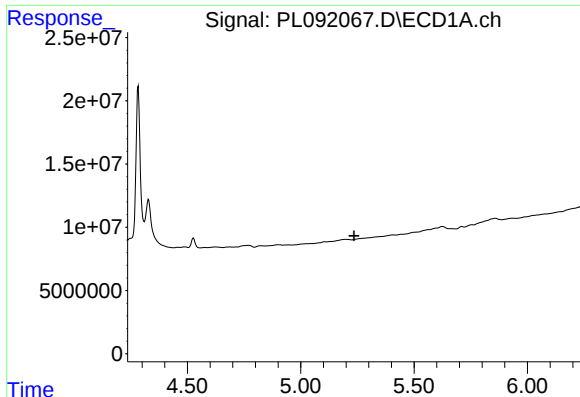
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.706 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

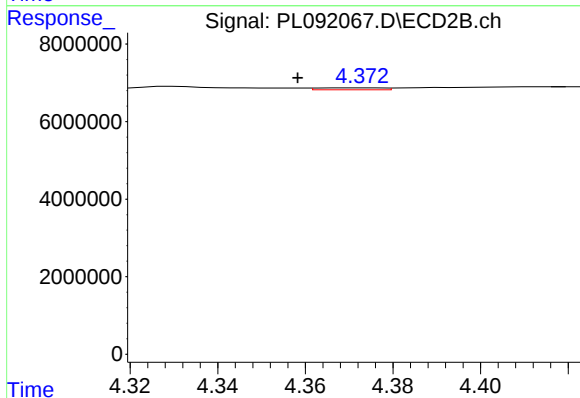
R.T.: 3.810 min  
Delta R.T.: 0.029 min  
Response: 382009  
Conc: 3.82 ng/ml



#24 Chlordane-2

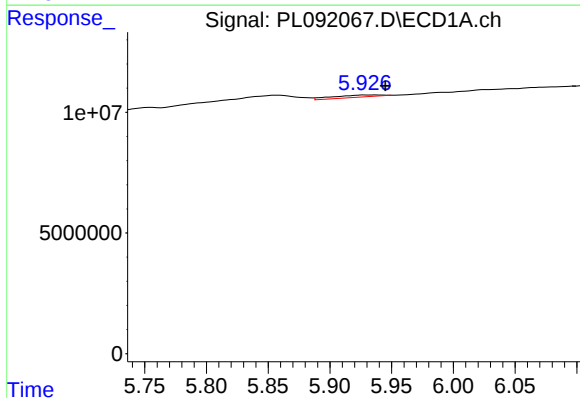
R.T.: 0.000 min  
Exp R.T.: 5.235 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



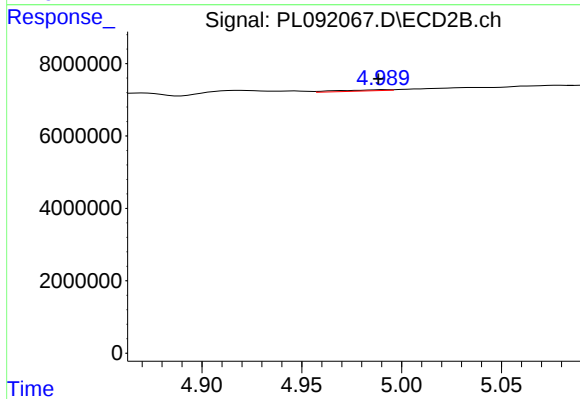
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.015 min  
Response: 520157  
Conc: 4.63 ng/ml



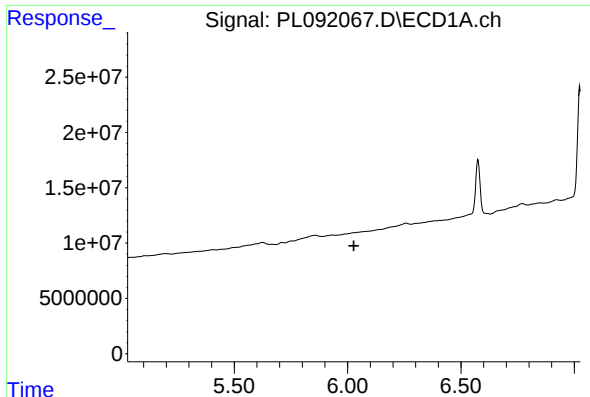
#25 Chlordane-3

R.T.: 5.930 min  
Delta R.T.: -0.015 min  
Response: 2434753  
Conc: 6.50 ng/ml



#25 Chlordane-3

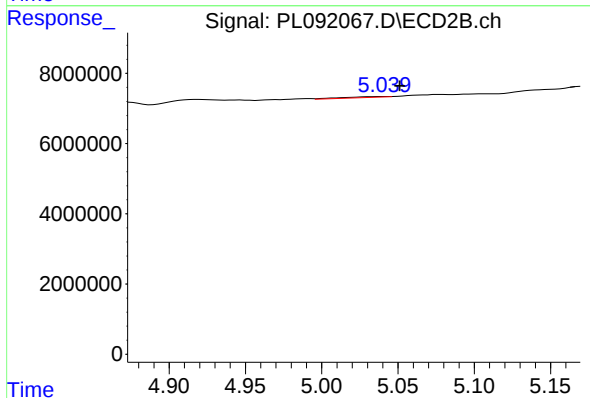
R.T.: 4.992 min  
Delta R.T.: 0.004 min  
Response: 543070  
Conc: 1.64 ng/ml



#26 Chlordane-4

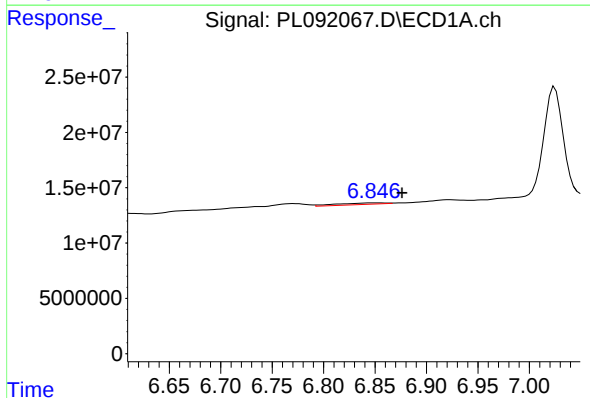
R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



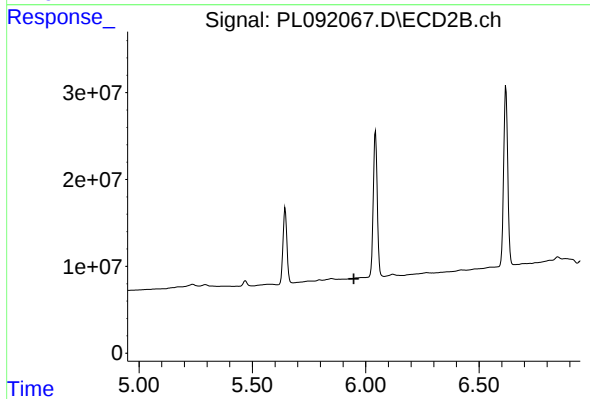
#26 Chlordane-4

R.T.: 5.041 min  
Delta R.T.: -0.010 min  
Response: 473642  
Conc: 1.49 ng/ml



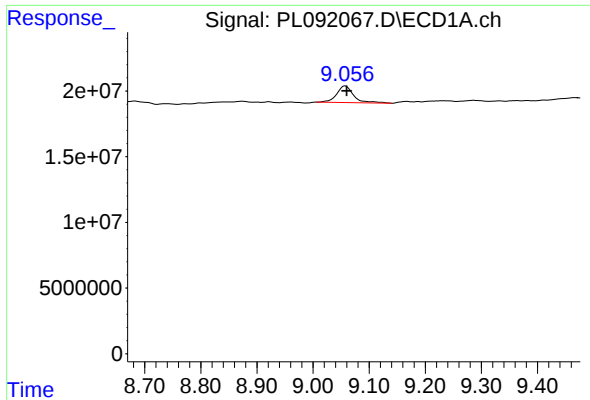
#27 Chlordane-5

R.T.: 6.848 min  
Delta R.T.: -0.028 min  
Response: 4529890  
Conc: 51.94 ng/ml



#27 Chlordane-5

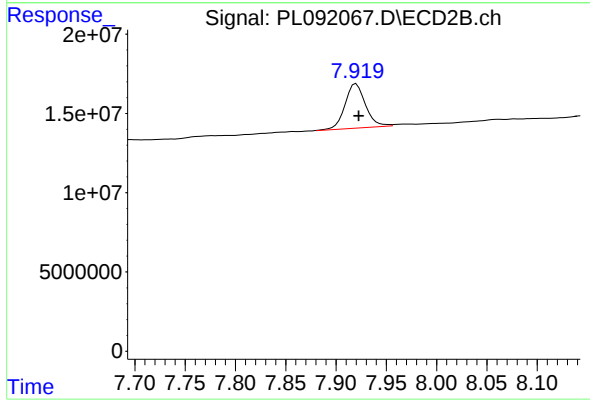
R.T.: 0.000 min  
Exp R.T.: 5.947 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.003 min  
Response: 26296387  
Conc: 16.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.920 min  
Delta R.T.: -0.003 min  
Response: 39395179  
Conc: 15.75 ng/ml