

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092081.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 19:25  
 Operator : AR\AJ  
 Sample : P4172-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 04:12:04 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... | 3.551  | 2.781  | 47229630 | 33913240 | 21.230  | 13.522 #  |
| 28)                         | SA Decachlor... | 9.070  | 7.925  | 8847330  | 15148480 | 5.401   | 6.055     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 0.000  | 3.621  | 0        | 955472   | N.D.    | 0.271 #   |
| 5)                          | MB Aldrin       | 5.237f | 4.238  | 6890566  | 277886   | 2.481   | 0.082 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.922  | 0        | 9241271  | N.D.    | 6.148 #   |
| 7)                          | B delta-BHC     | 4.779  | 4.134  | 58788296 | 295524   | 20.383  | 0.085 #   |
| 8)                          | B Heptachlo...  | 5.696  | 4.738  | 27087198 | 18084247 | 10.643  | 5.982 #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.096  | 0        | 11132195 | N.D.    | 4.056 #   |
| 10)                         | B gamma-Chl...  | 5.954  | 4.989  | 110.4E6  | 67526024 | 44.685  | 22.445 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 5.052  | 187.2E6  | 143.4E6  | 76.005  | 47.918 #  |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.241  | 5937325  | 7140679  | 2.743   | 2.570     |
| 13)                         | MA Dieldrin     | 6.358  | 5.373  | 120.1E6  | 160.1E6  | 49.236  | 54.612    |
| 14)                         | MA Endrin       | 0.000  | 5.650  | 0        | 4483765  | N.D.    | 1.710 #   |
| 15)                         | B Endosulfa...  | 6.814f | 5.949  | 6861575  | 16989984 | 3.119   | 6.789 #   |
| 16)                         | A 4,4'-DDD      | 6.692f | 5.798  | 34878393 | 1737143  | 19.423  | 0.813 #   |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.046  | 4814386  | 10195310 | 2.615   | 4.408 #   |
| 18)                         | B Endrin al...  | 6.953f | 6.137f | 8735726  | 1626413  | 5.013   | 0.797 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.367f | 0        | 1838549  | N.D.    | 0.762 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.597f | 0        | 486978   | N.D.    | 0.389 #   |
| 22)                         | Mirex           | 0.000  | 7.035  | 0        | 1563173  | N.D.    | 0.643 #   |
| 24)                         | Chlordane-2     | 5.237  | 4.362  | 6890566  | 5160189  | 64.250  | 45.980 #  |
| 25)                         | Chlordane-3     | 5.954  | 4.989  | 110.4E6  | 67526024 | 294.798 | 203.865 # |
| 26)                         | Chlordane-4     | 6.036  | 5.052  | 187.2E6  | 143.4E6  | 413.441 | 452.109   |
| 27)                         | Chlordane-5     | 6.885  | 5.949  | 12852574 | 16989984 | 147.367 | 156.663   |
| -----                       |                 |        |        |          |          |         |           |

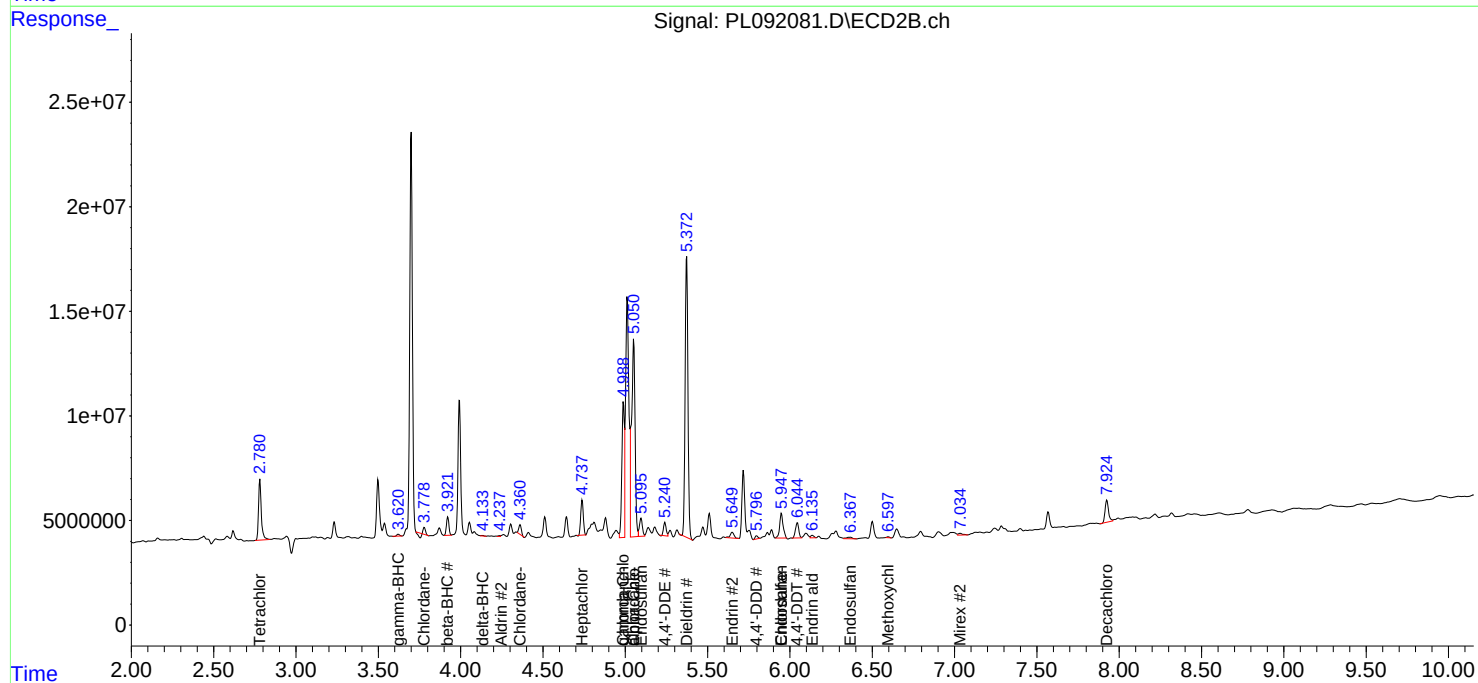
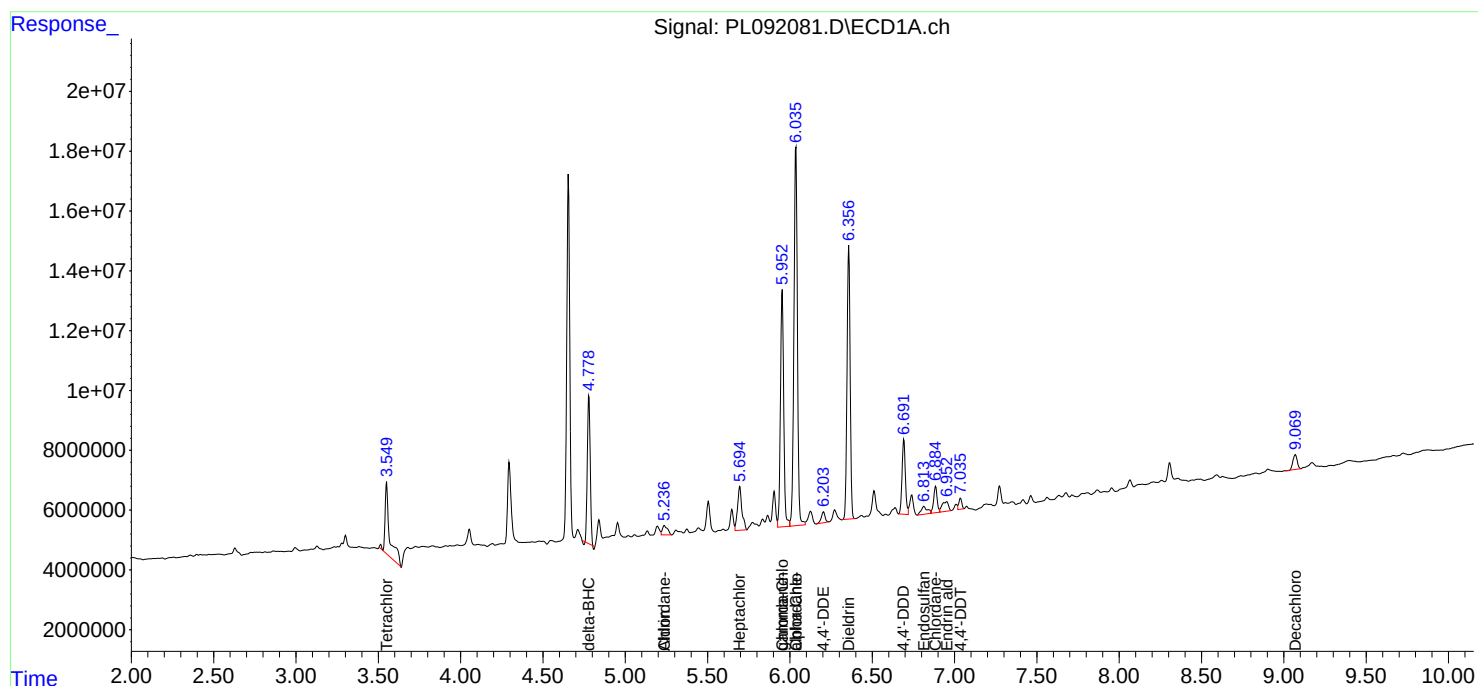
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

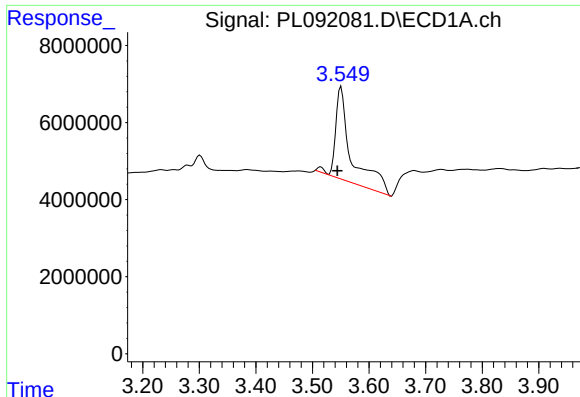
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092081.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 19:25  
Operator : AR\AJ  
Sample : P4172-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 04:12:04 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

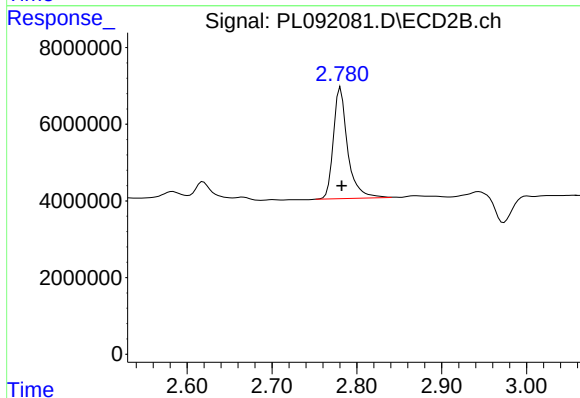




#1 Tetrachloro-m-xylene

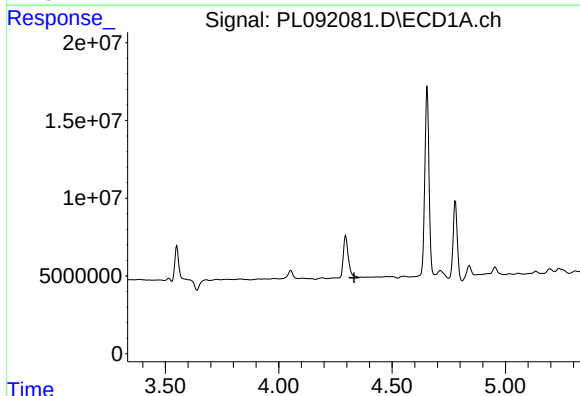
R.T.: 3.551 min  
Delta R.T.: 0.007 min  
Response: 47229630  
Conc: 21.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



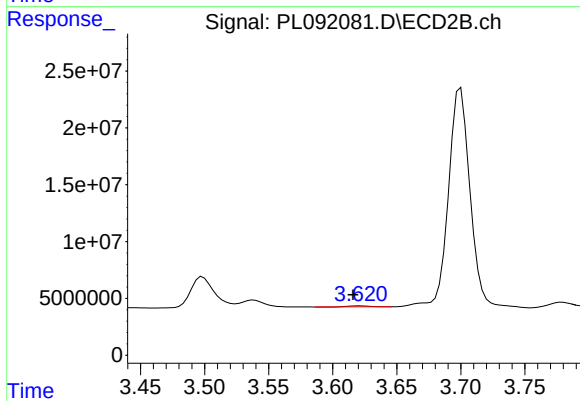
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: -0.001 min  
Response: 33913240  
Conc: 13.52 ng/ml



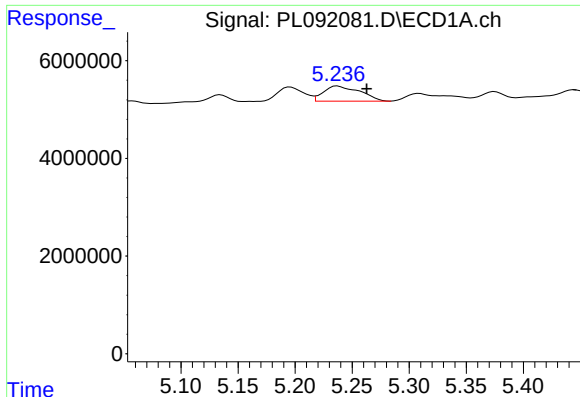
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.332 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

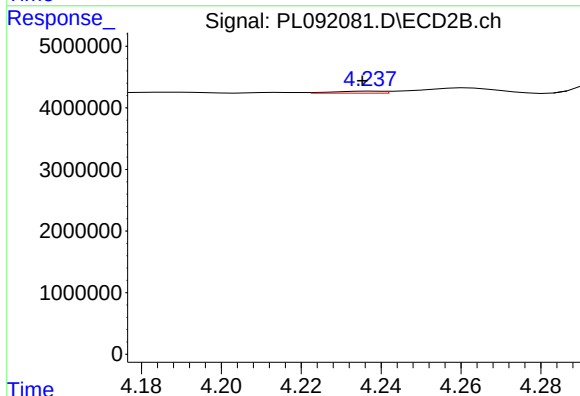
R.T.: 3.621 min  
Delta R.T.: 0.006 min  
Response: 955472  
Conc: 0.27 ng/ml



#5 Aldrin

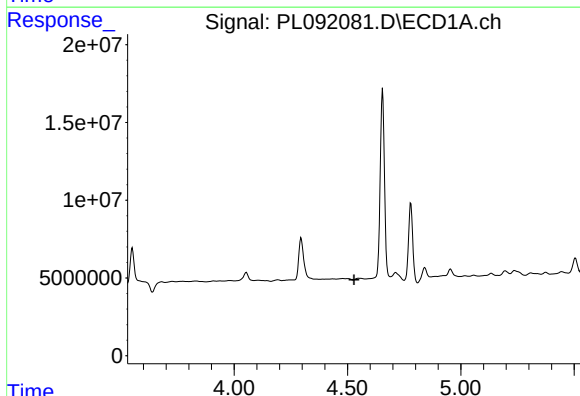
R.T.: 5.237 min  
Delta R.T.: -0.026 min  
Response: 6890566  
Conc: 2.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



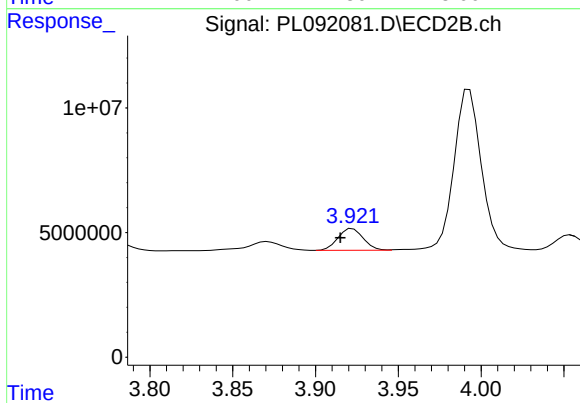
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: 0.003 min  
Response: 277886  
Conc: 0.08 ng/ml



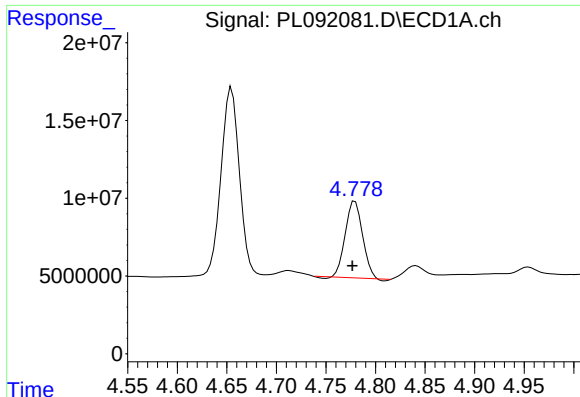
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.529 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

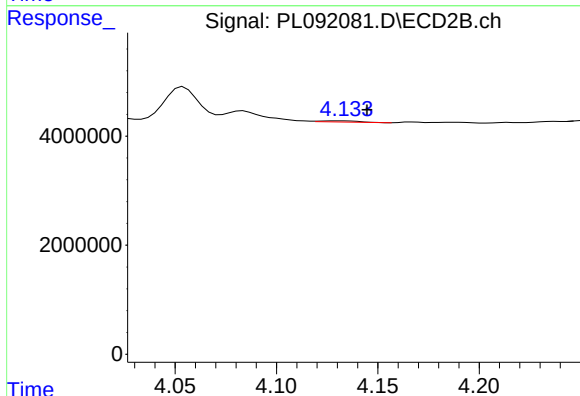
R.T.: 3.922 min  
Delta R.T.: 0.007 min  
Response: 9241271  
Conc: 6.15 ng/ml



#7 delta-BHC

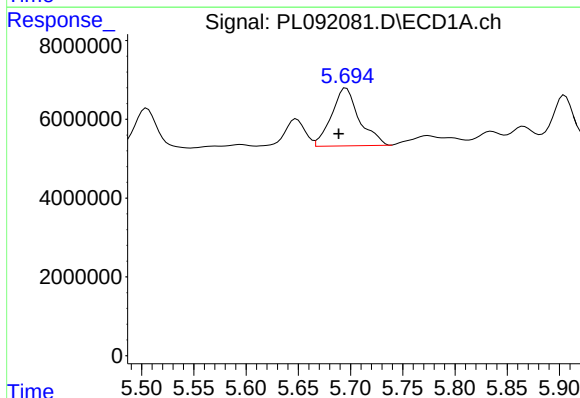
R.T.: 4.779 min  
Delta R.T.: 0.003 min  
Response: 58788296  
Conc: 20.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



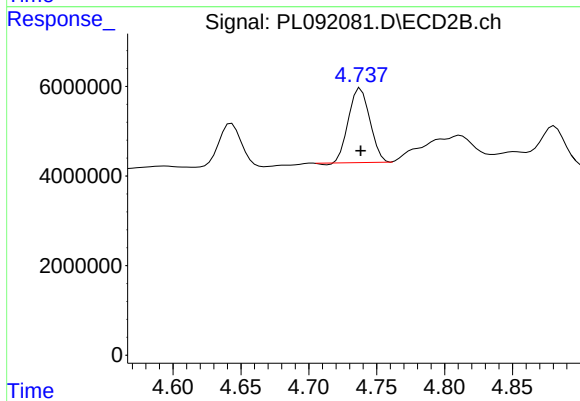
#7 delta-BHC

R.T.: 4.134 min  
Delta R.T.: -0.011 min  
Response: 295524  
Conc: 0.09 ng/ml



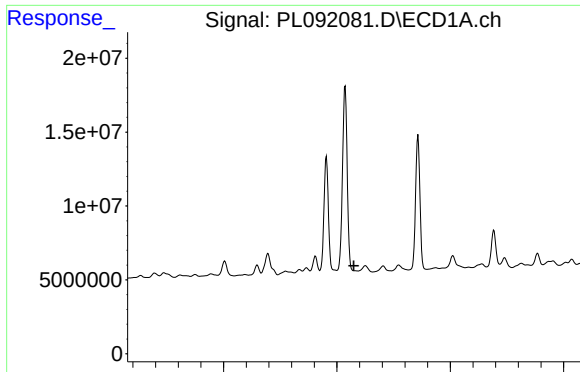
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.007 min  
Response: 27087198  
Conc: 10.64 ng/ml



#8 Heptachlor epoxide

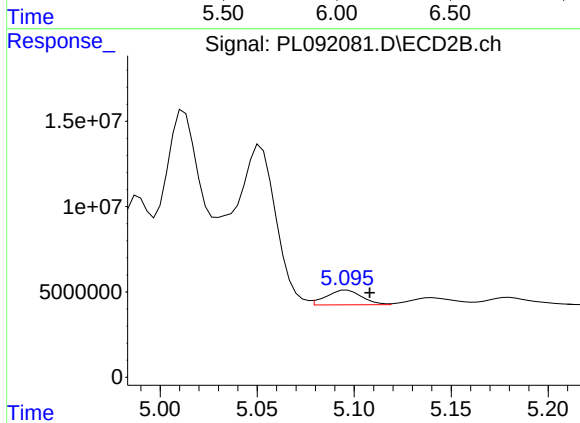
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 18084247  
Conc: 5.98 ng/ml



#9 Endosulfan I

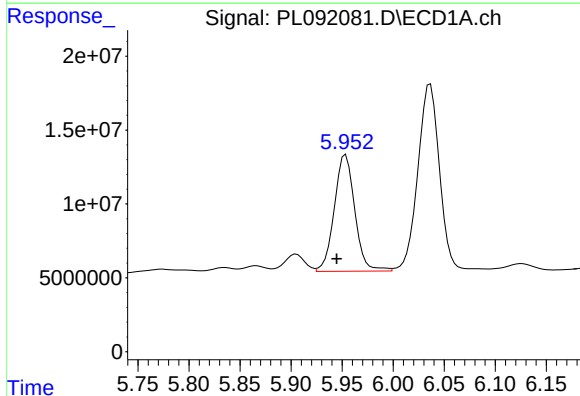
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



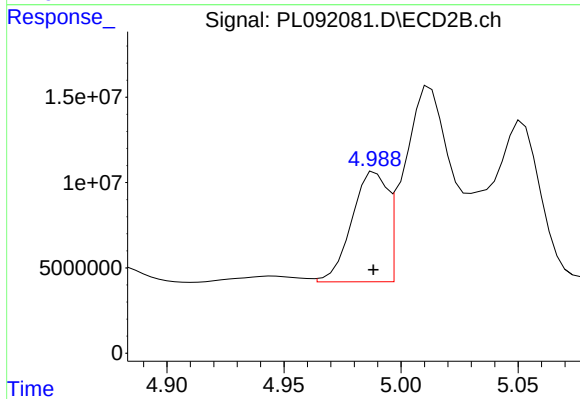
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: -0.012 min  
Response: 11132195  
Conc: 4.06 ng/ml



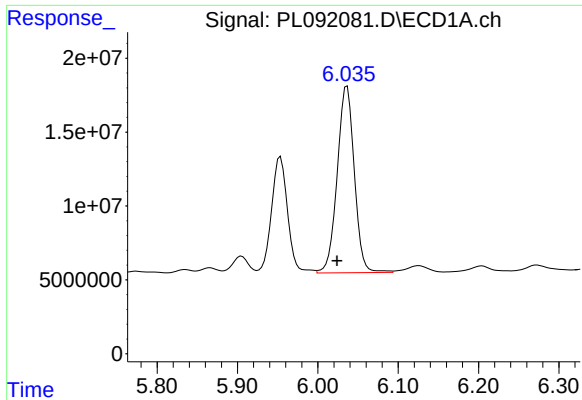
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.009 min  
Response: 110424646  
Conc: 44.68 ng/ml



#10 gamma-Chlordane

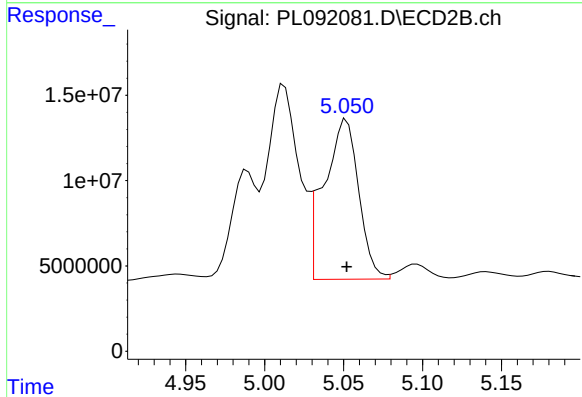
R.T.: 4.989 min  
Delta R.T.: 0.001 min  
Response: 67526024  
Conc: 22.44 ng/ml



#11 alpha-Chlordane

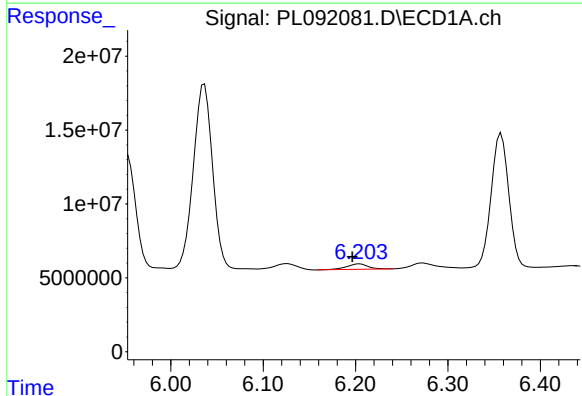
R.T.: 6.036 min  
Delta R.T.: 0.013 min  
Response: 187225024  
Conc: 76.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



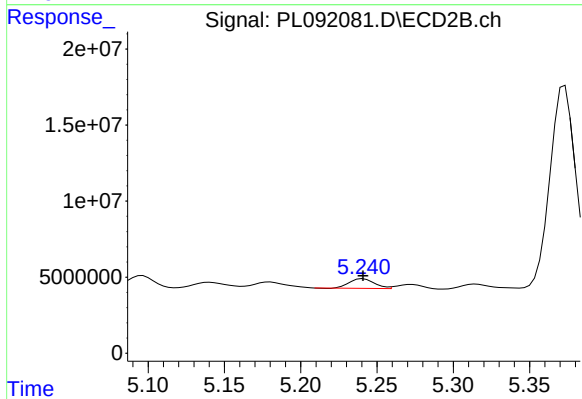
#11 alpha-Chlordane

R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 143445950  
Conc: 47.92 ng/ml



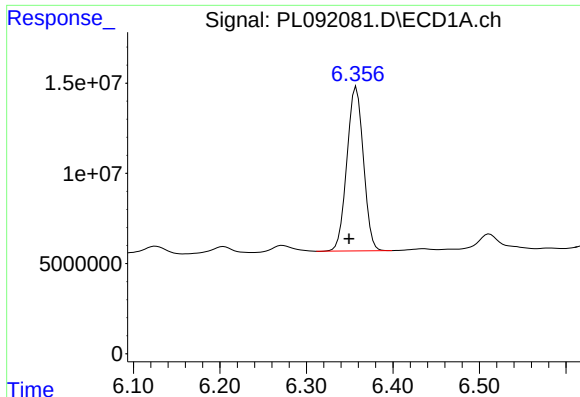
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.008 min  
Response: 5937325  
Conc: 2.74 ng/ml



#12 4,4'-DDE

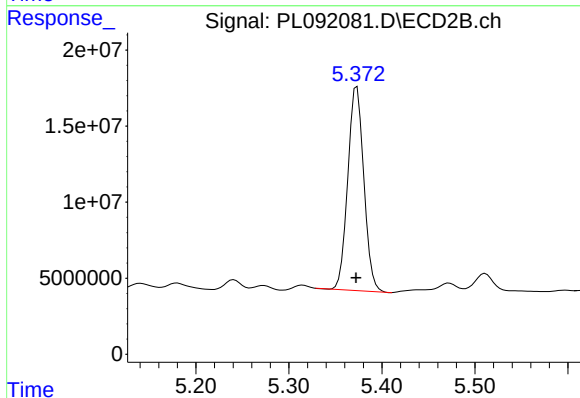
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 7140679  
Conc: 2.57 ng/ml



#13 Dieldrin

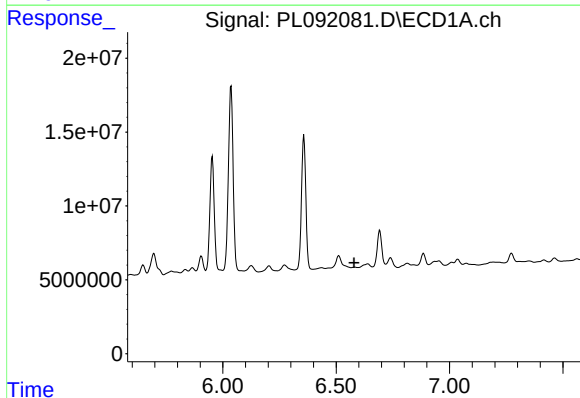
R.T.: 6.358 min  
Delta R.T.: 0.009 min  
Response: 120080219  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



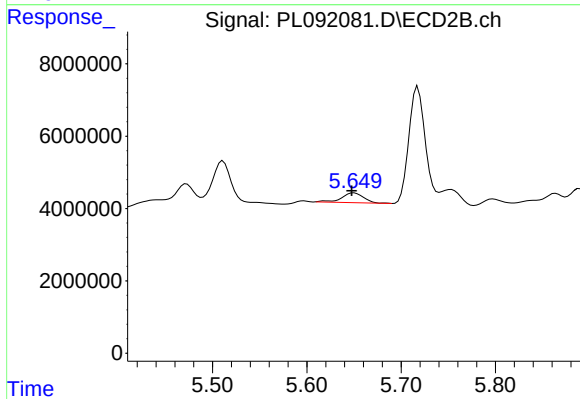
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 160113161  
Conc: 54.61 ng/ml



#14 Endrin

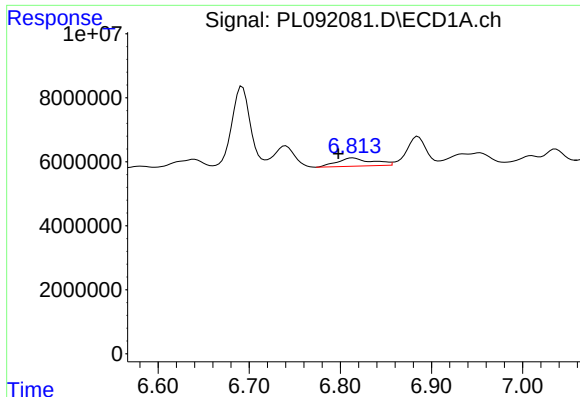
R.T.: 0.000 min  
Exp R.T. : 6.579 min  
Response: 0  
Conc: N.D.



#14 Endrin

R.T.: 5.650 min  
Delta R.T.: 0.002 min  
Response: 4483765  
Conc: 1.71 ng/ml

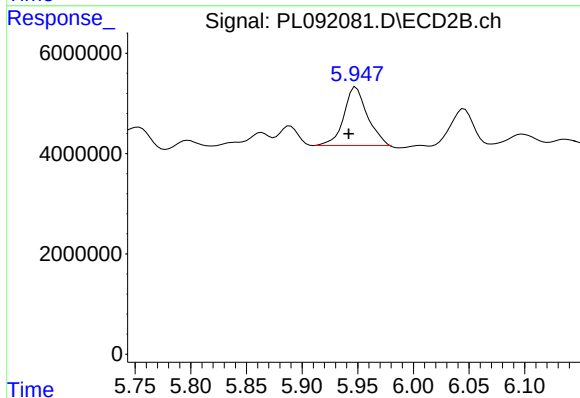




#15 Endosulfan II

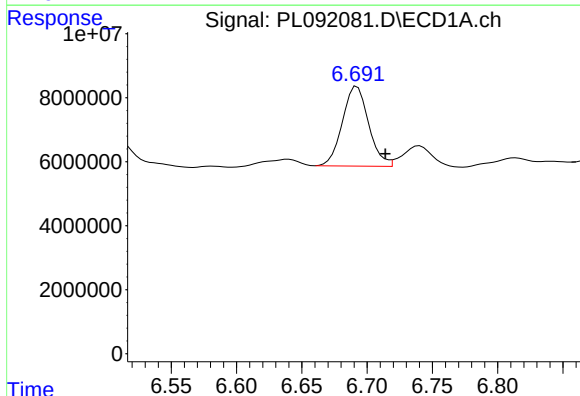
R.T.: 6.814 min  
Delta R.T.: 0.016 min  
Response: 6861575  
Conc: 3.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



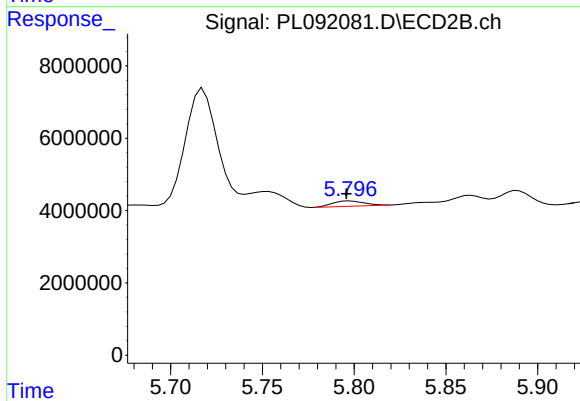
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: 0.007 min  
Response: 16989984  
Conc: 6.79 ng/ml



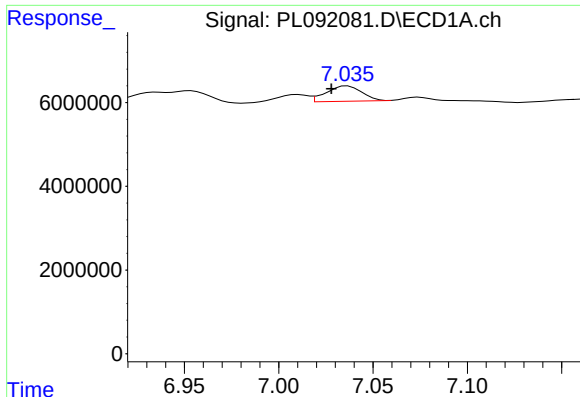
#16 4,4'-DDD

R.T.: 6.692 min  
Delta R.T.: -0.022 min  
Response: 34878393  
Conc: 19.42 ng/ml



#16 4,4'-DDD

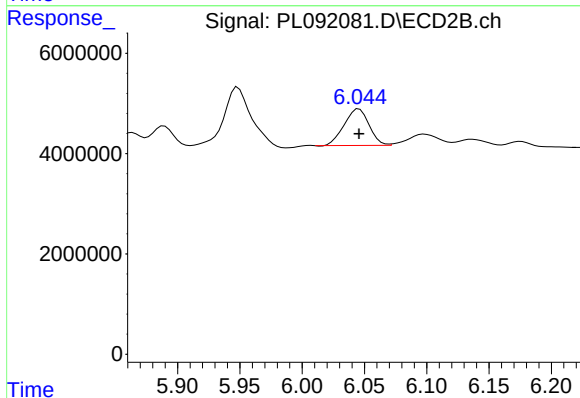
R.T.: 5.798 min  
Delta R.T.: 0.002 min  
Response: 1737143  
Conc: 0.81 ng/ml



#17 4,4'-DDT

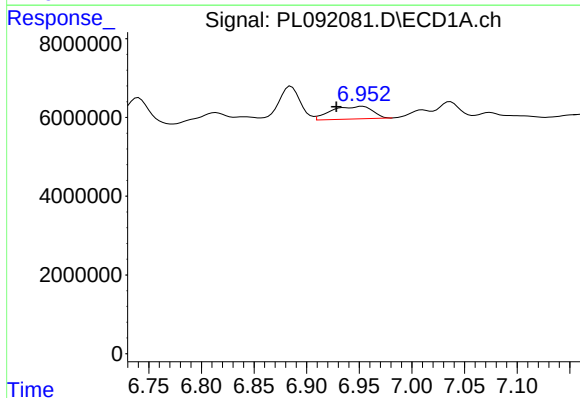
R.T.: 7.036 min  
Delta R.T.: 0.009 min  
Response: 4814386  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



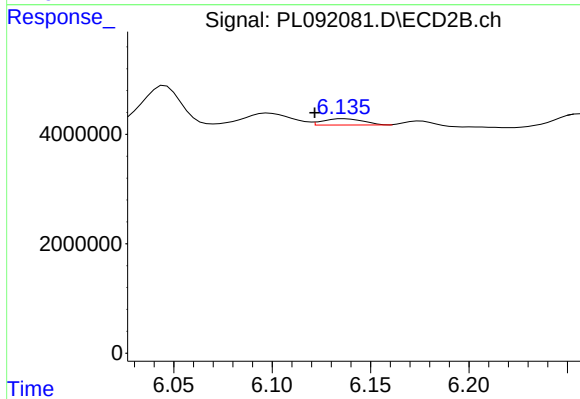
#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 10195310  
Conc: 4.41 ng/ml



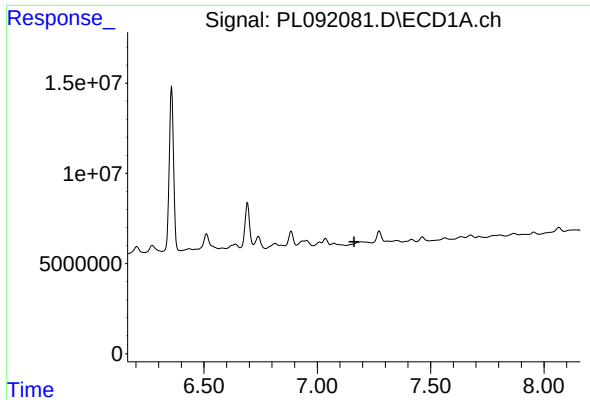
#18 Endrin aldehyde

R.T.: 6.953 min  
Delta R.T.: 0.025 min  
Response: 8735726  
Conc: 5.01 ng/ml



#18 Endrin aldehyde

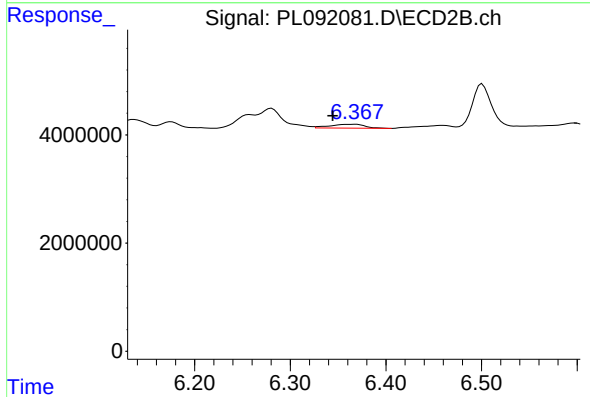
R.T.: 6.137 min  
Delta R.T.: 0.015 min  
Response: 1626413  
Conc: 0.80 ng/ml



#19 Endosulfan Sulfate

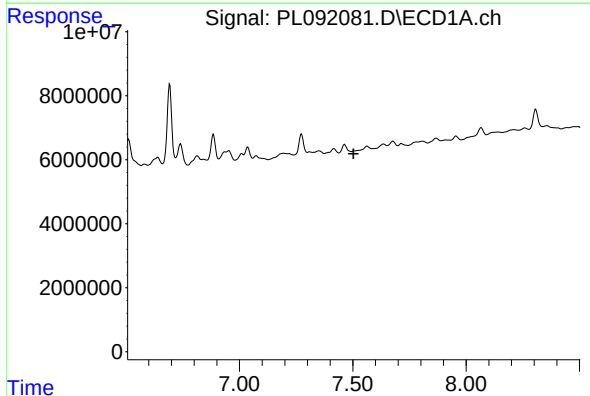
R.T.: 0.000 min  
Exp R.T. : 7.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



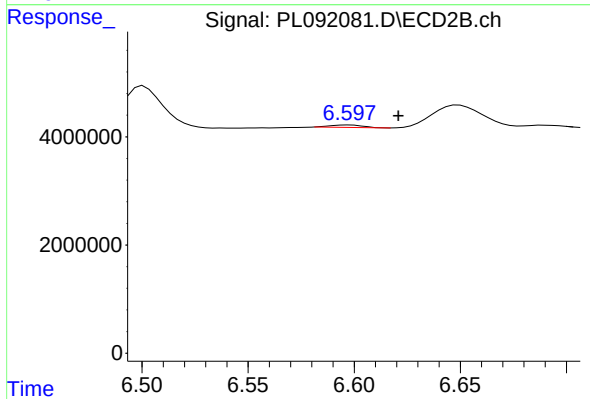
#19 Endosulfan Sulfate

R.T.: 6.367 min  
Delta R.T.: 0.023 min  
Response: 1838549  
Conc: 0.76 ng/ml



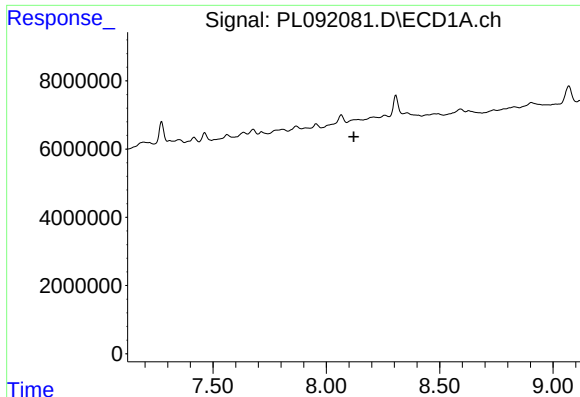
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.504 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

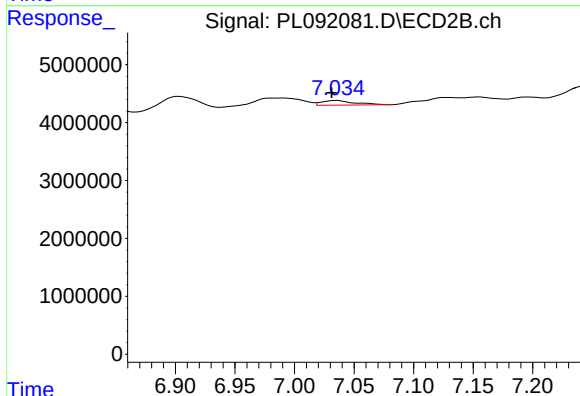
R.T.: 6.597 min  
Delta R.T.: -0.024 min  
Response: 486978  
Conc: 0.39 ng/ml



#22 Mirex

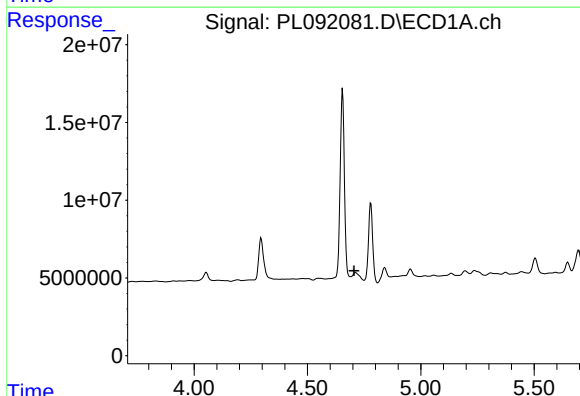
R.T.: 0.000 min  
Exp R.T.: 8.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



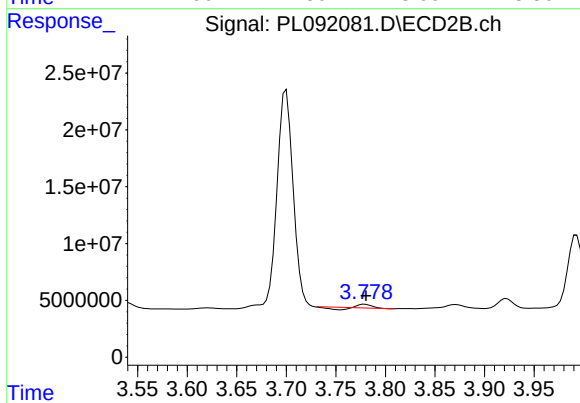
#22 Mirex

R.T.: 7.035 min  
Delta R.T.: 0.004 min  
Response: 1563173  
Conc: 0.64 ng/ml



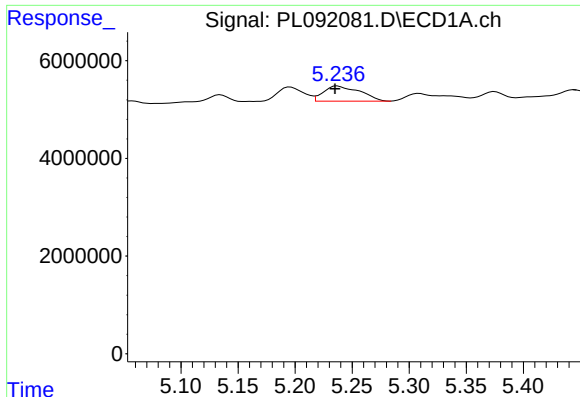
#23 Chlordane-1

R.T.: 4.713 min  
Delta R.T.: 0.007 min  
Response: -100303533  
Conc: N.D.



#23 Chlordane-1

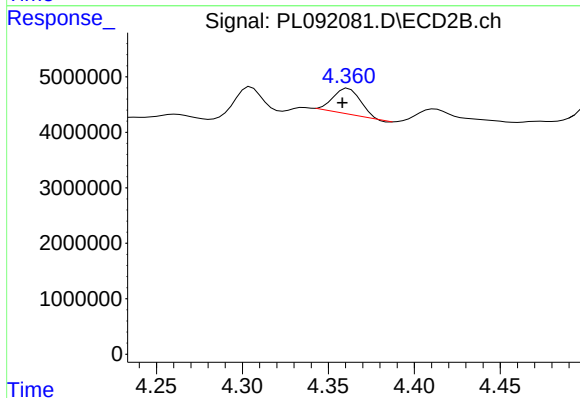
R.T.: 3.779 min  
Delta R.T.: -0.001 min  
Response: 1057678  
Conc: 10.58 ng/ml



#24 Chlordane-2

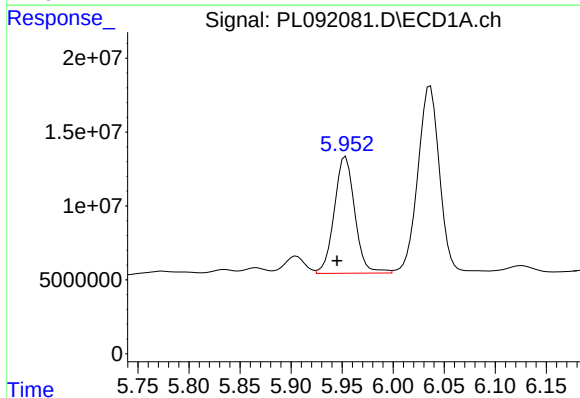
R.T.: 5.237 min  
Delta R.T.: 0.002 min  
Response: 6890566  
Conc: 64.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



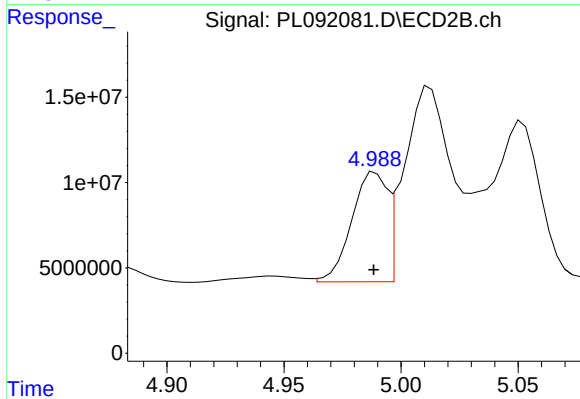
#24 Chlordane-2

R.T.: 4.362 min  
Delta R.T.: 0.003 min  
Response: 5160189  
Conc: 45.98 ng/ml



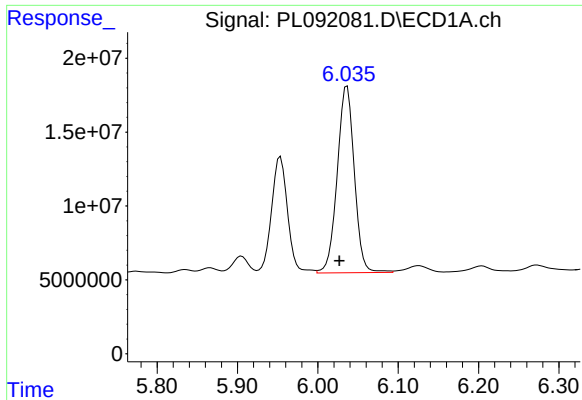
#25 Chlordane-3

R.T.: 5.954 min  
Delta R.T.: 0.008 min  
Response: 110424646  
Conc: 294.80 ng/ml



#25 Chlordane-3

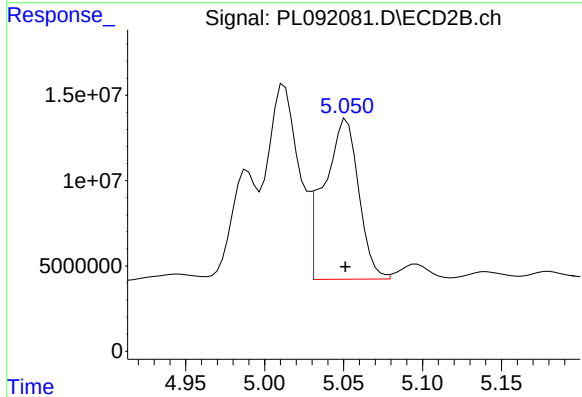
R.T.: 4.989 min  
Delta R.T.: 0.001 min  
Response: 67526024  
Conc: 203.87 ng/ml



#26 Chlordane-4

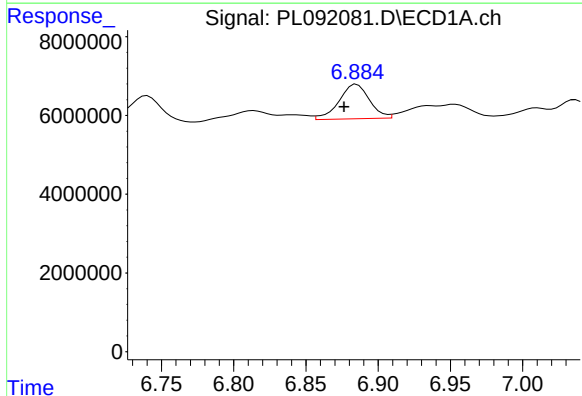
R.T.: 6.036 min  
Delta R.T.: 0.009 min  
Response: 187225024  
Conc: 413.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



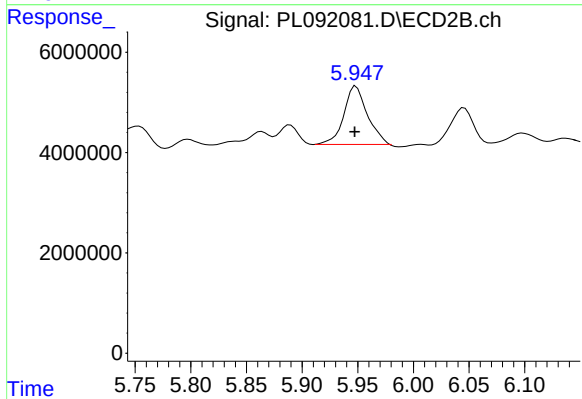
#26 Chlordane-4

R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 143445950  
Conc: 452.11 ng/ml



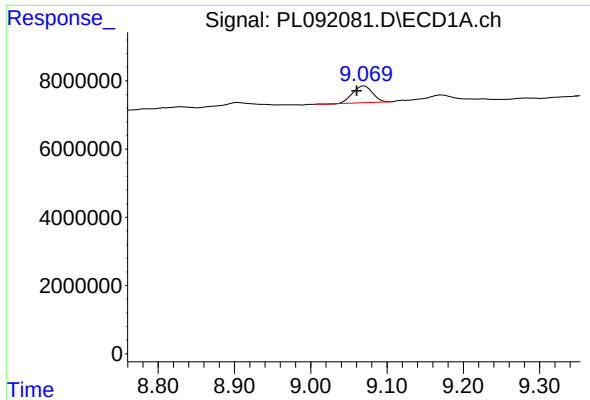
#27 Chlordane-5

R.T.: 6.885 min  
Delta R.T.: 0.009 min  
Response: 12852574  
Conc: 147.37 ng/ml



#27 Chlordane-5

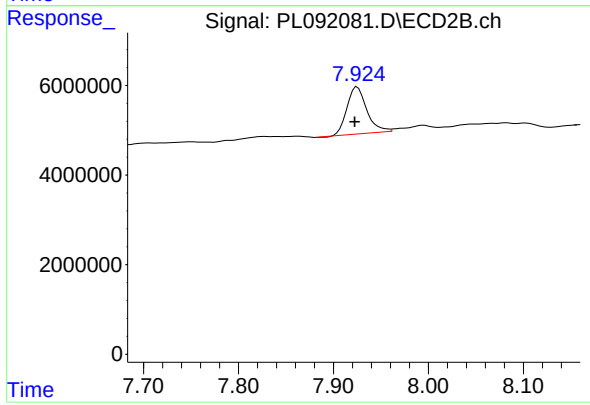
R.T.: 5.949 min  
Delta R.T.: 0.001 min  
Response: 16989984  
Conc: 156.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.010 min  
Response: 8847330  
Conc: 5.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: 0.003 min  
Response: 15148480  
Conc: 6.05 ng/ml