

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
 Data File : PL092009.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 15:59  
 Operator : AR\AJ  
 Sample : P4049-14  
 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: Sep 25 01:19:59 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... | 3.544  | 2.783  | 57718050 | 50789413 | 25.945  | 20.250     |
| 28)                         | SA Decachlor... | 9.059  | 7.922  | 38963414 | 55671182 | 23.784  | 22.251     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 3)                          | MA gamma-BHC... | 0.000  | 3.623  | 0        | 6112747  | N.D.    | 1.731 #    |
| 4)                          | MA Heptachlor   | 4.949f | 3.953  | 2526609  | 6945259  | 0.914   | 2.013 #    |
| 5)                          | MB Aldrin       | 5.291f | 4.252f | 45758815 | 29481959 | 16.474  | 8.668 #    |
| 7)                          | B delta-BHC     | 4.771  | 4.151  | 8527551  | 3377594  | 2.957   | 0.973 #    |
| 8)                          | B Heptachlo...  | 5.683  | 4.717f | 196.1E6  | 2060024  | 77.058  | 0.681 #    |
| 9)                          | A Endosulfan I  | 6.058f | 0.000  | 17056498 | 0        | 7.373   | N.D. #     |
| 10)                         | B gamma-Chl...  | 5.967f | 4.966f | 154.3E6  | 371.6E6  | 62.429  | 123.527 #  |
| 11)                         | B alpha-Chl...  | 6.025  | 5.078f | 31826087 | 43992251 | 12.920  | 14.696     |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.228  | 144.2E6  | 41568165 | 66.605  | 14.959 #   |
| 13)                         | MA Dieldrin     | 6.348  | 5.374  | 223.8E6  | 516.7E6  | 91.759  | 176.233 #  |
| 14)                         | MA Endrin       | 6.578  | 5.654  | 218.3E6  | 278.5E6  | 105.947 | 106.197    |
| 15)                         | B Endosulfa...  | 6.794  | 5.930  | 74129621 | 75598801 | 33.699  | 30.210     |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.794  | 664.4E6  | 4755871  | 370.018 | 2.226 #    |
| 17)                         | MA 4,4'-DDT     | 7.000f | 6.040  | 543.1E6  | 727.3E6  | 294.962 | 314.413    |
| 18)                         | B Endrin al...  | 6.951f | 6.138f | 57992279 | 97445665 | 33.276  | 47.751 #   |
| 19)                         | B Endosulfa...  | 7.142f | 6.339  | 78375202 | 303.5E6  | 39.538  | 125.820 #  |
| 20)                         | A Methoxychlor  | 7.492  | 6.597f | 6633378  | 497.0E6  | 6.757   | 397.490 #  |
| 21)                         | B Endrin ke...  | 7.621f | 6.847  | 413.7E6  | -808470  | 188.232 | N.D. #     |
| 22)                         | Mirex           | 8.126  | 0.000  | 1793938  | 0        | 0.996   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 4.378f | 0        | 224874   | N.D.    | 2.004 #    |
| 25)                         | Chlordane-3     | 5.967f | 4.966f | 154.3E6  | 371.6E6  | 411.860 | 1122.007 # |
| 26)                         | Chlordane-4     | 6.025  | 5.078f | 31826087 | 43992251 | 70.280  | 138.653 #  |
| 27)                         | Chlordane-5     | 6.904f | 5.930  | 13618337 | 75598801 | 156.147 | 697.088 #  |
| -----                       |                 |        |        |          |          |         |            |

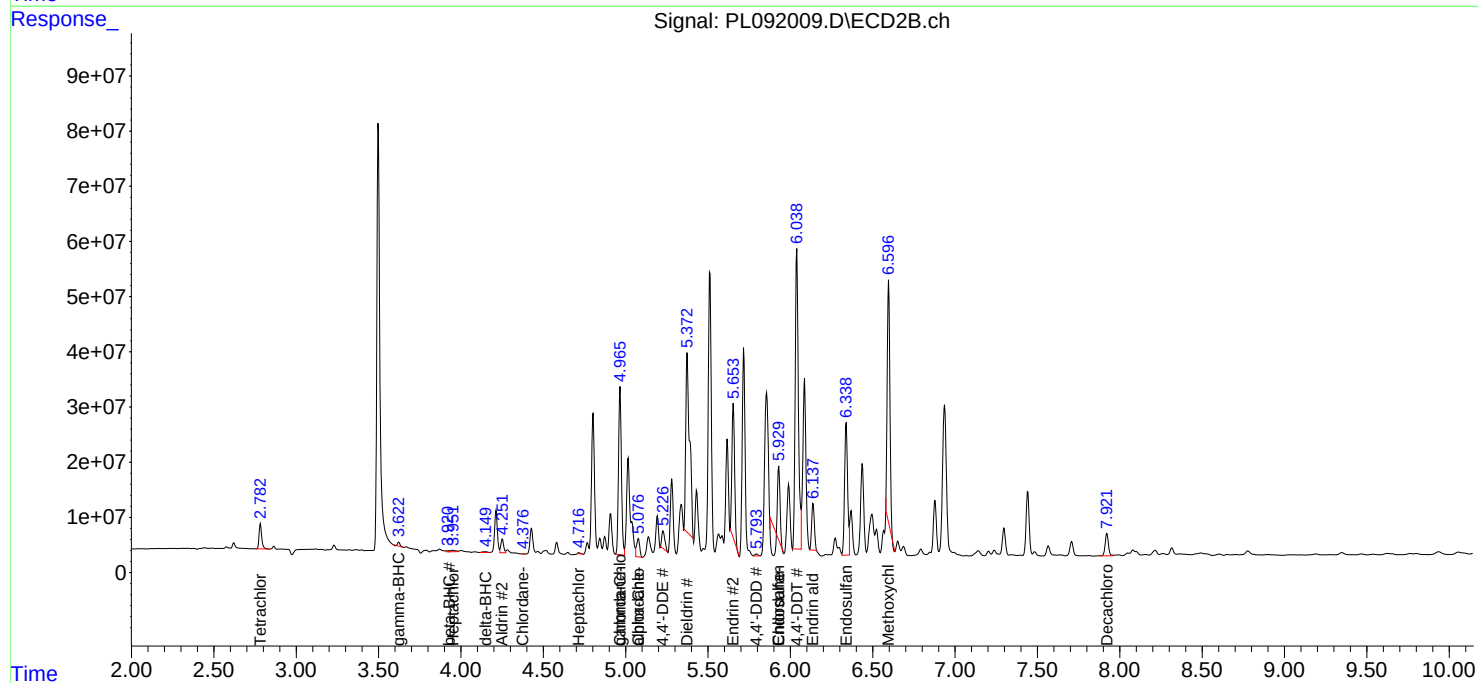
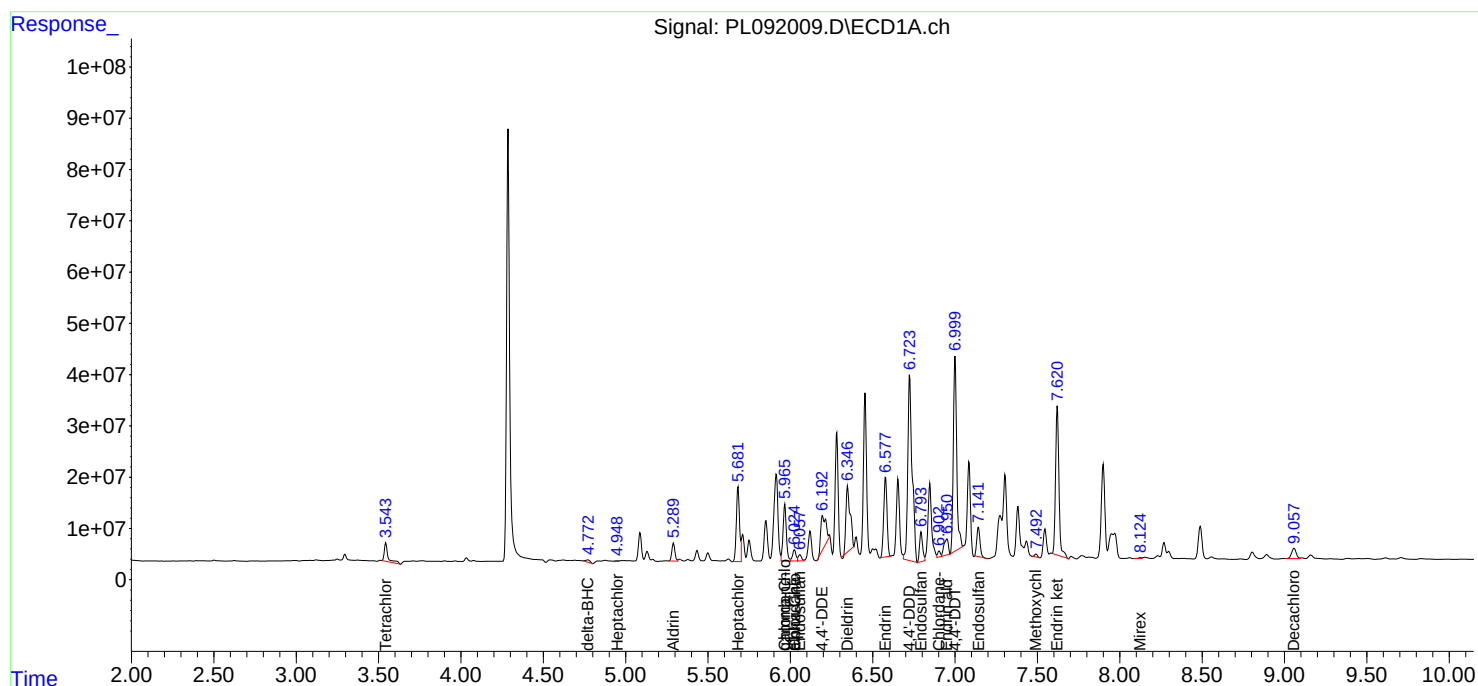
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

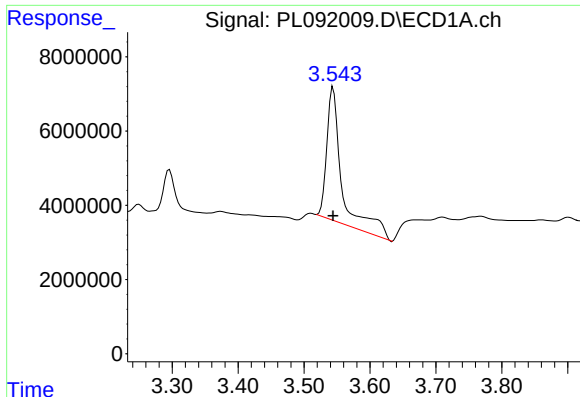
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
Data File : PL092009.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 15:59  
Operator : AR\AJ  
Sample : P4049-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:19:59 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

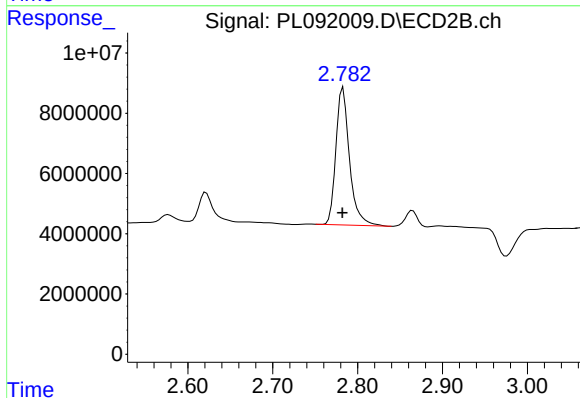




#1 Tetrachloro-m-xylene

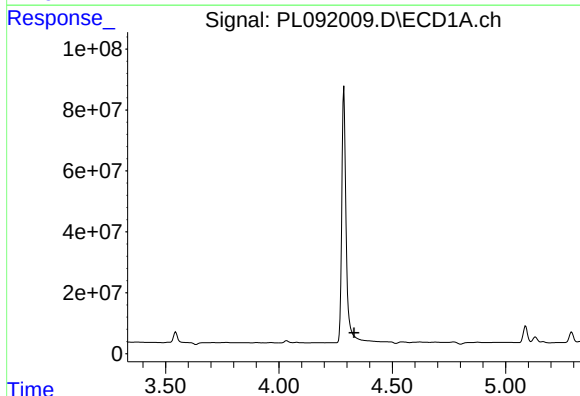
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 57718050  
Conc: 25.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



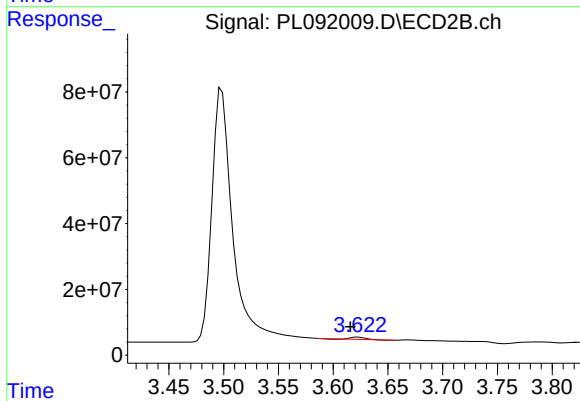
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: 0.000 min  
Response: 50789413  
Conc: 20.25 ng/ml



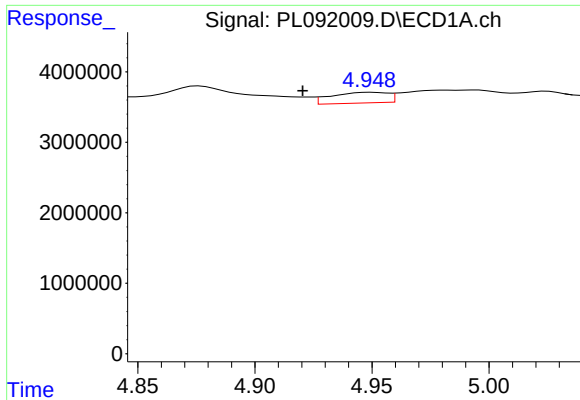
#3 gamma-BHC (Lindane)

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



#3 gamma-BHC (Lindane)

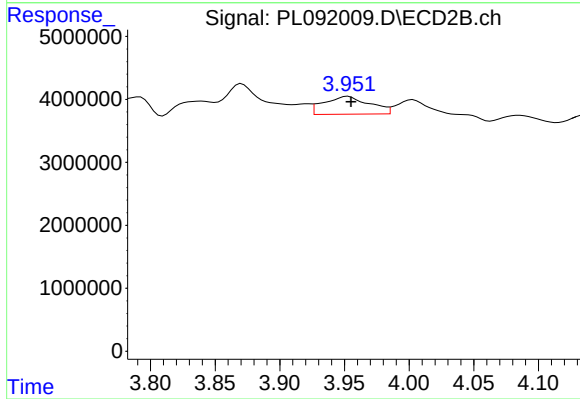
R.T.: 3.623 min  
Delta R.T.: 0.007 min  
Response: 6112747  
Conc: 1.73 ng/ml



#4 Heptachlor

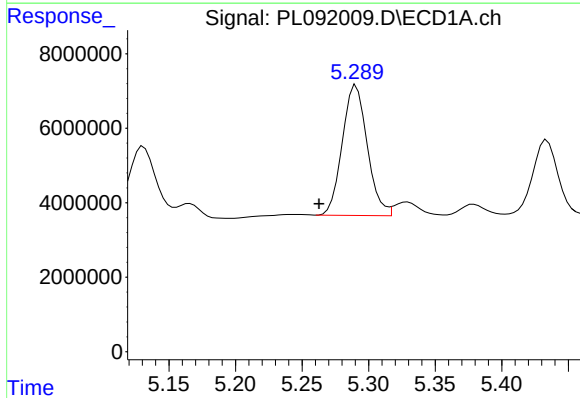
R.T.: 4.949 min  
Delta R.T.: 0.029 min  
Response: 2526609  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



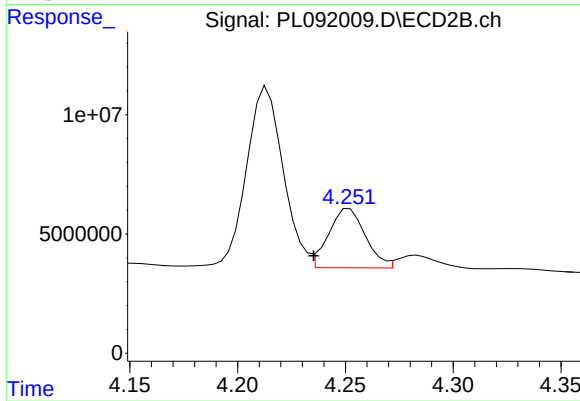
#4 Heptachlor

R.T.: 3.953 min  
Delta R.T.: -0.002 min  
Response: 6945259  
Conc: 2.01 ng/ml



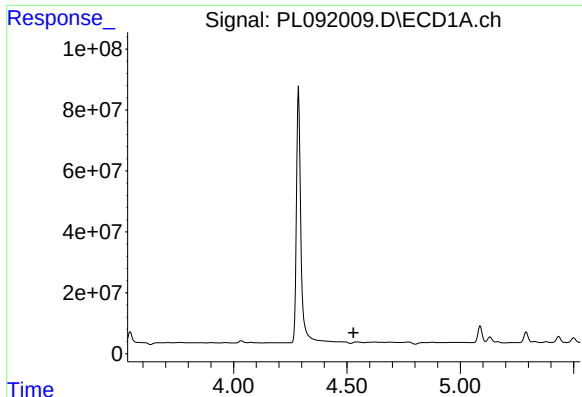
#5 Aldrin

R.T.: 5.291 min  
Delta R.T.: 0.028 min  
Response: 45758815  
Conc: 16.47 ng/ml



#5 Aldrin

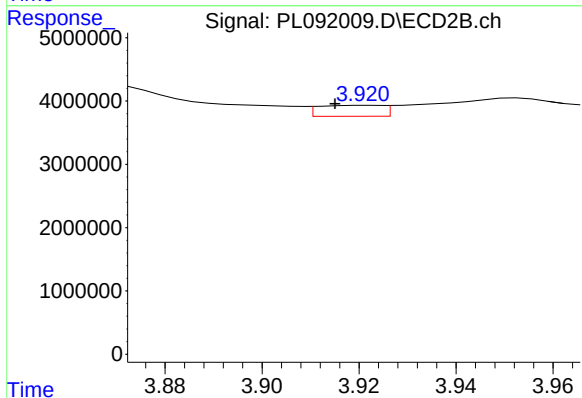
R.T.: 4.252 min  
Delta R.T.: 0.017 min  
Response: 29481959  
Conc: 8.67 ng/ml



#6 beta-BHC

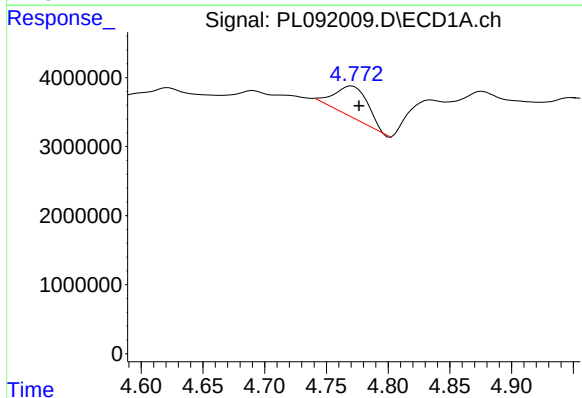
R.T.: 4.542 min  
Delta R.T.: 0.013 min  
Response: -3345310  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



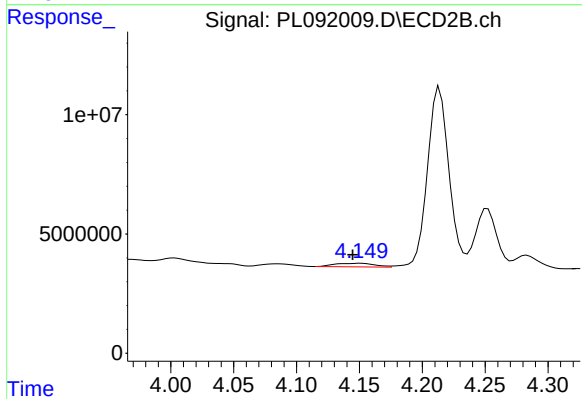
#6 beta-BHC

R.T.: 3.922 min  
Delta R.T.: 0.007 min  
Response: 1588915  
Conc: 1.06 ng/ml



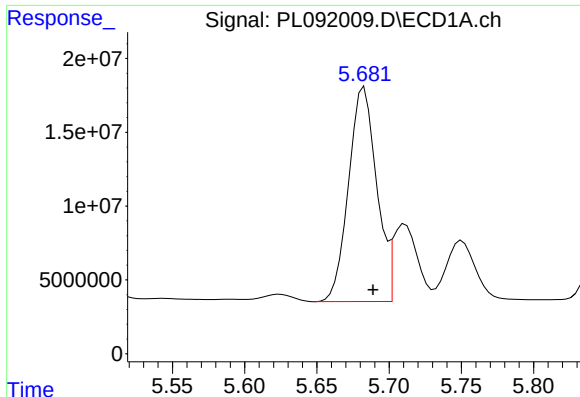
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.006 min  
Response: 8527551  
Conc: 2.96 ng/ml



#7 delta-BHC

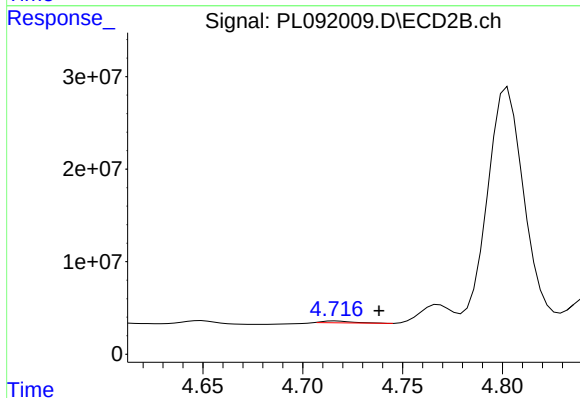
R.T.: 4.151 min  
Delta R.T.: 0.006 min  
Response: 3377594  
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

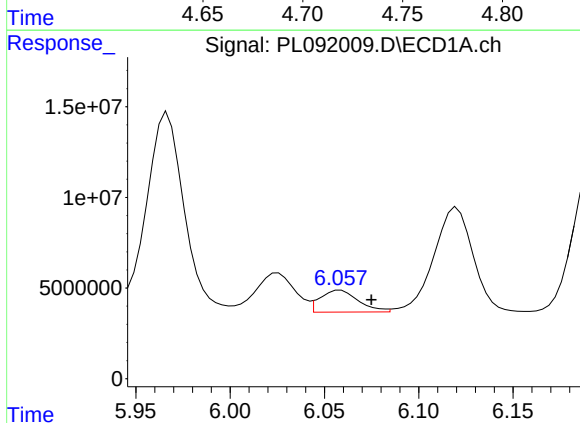
R.T.: 5.683 min  
Delta R.T.: -0.006 min  
Response: 196112208  
Conc: 77.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



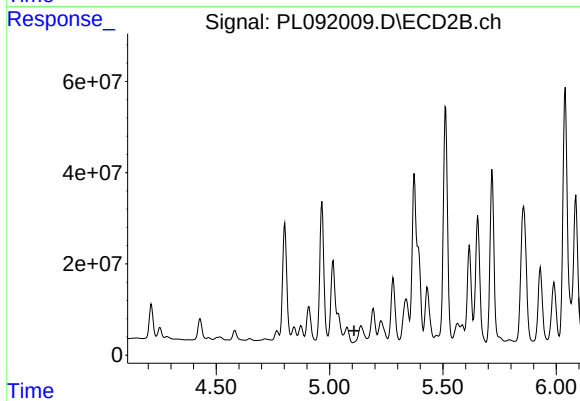
#8 Heptachlor epoxide

R.T.: 4.717 min  
Delta R.T.: -0.022 min  
Response: 2060024  
Conc: 0.68 ng/ml



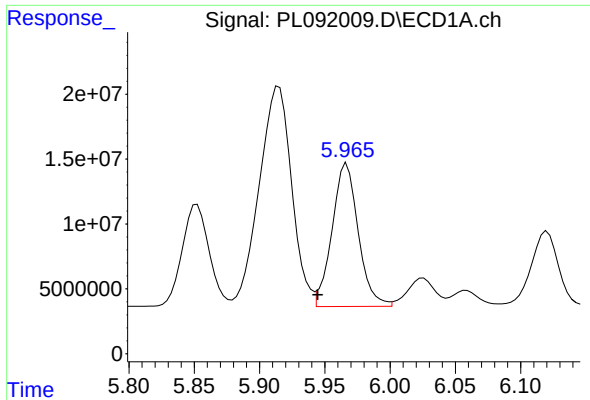
#9 Endosulfan I

R.T.: 6.058 min  
Delta R.T.: -0.016 min  
Response: 17056498  
Conc: 7.37 ng/ml



#9 Endosulfan I

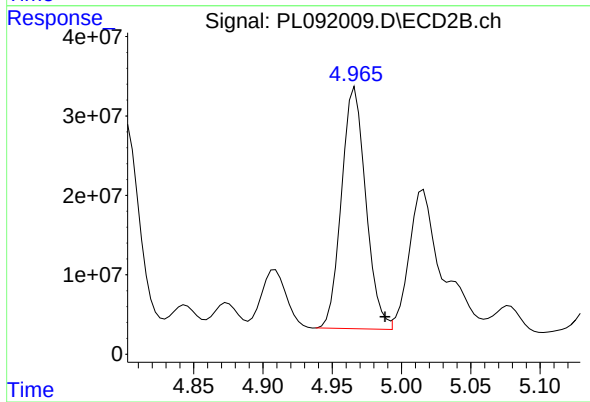
R.T.: 0.000 min  
Exp R.T. : 5.108 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

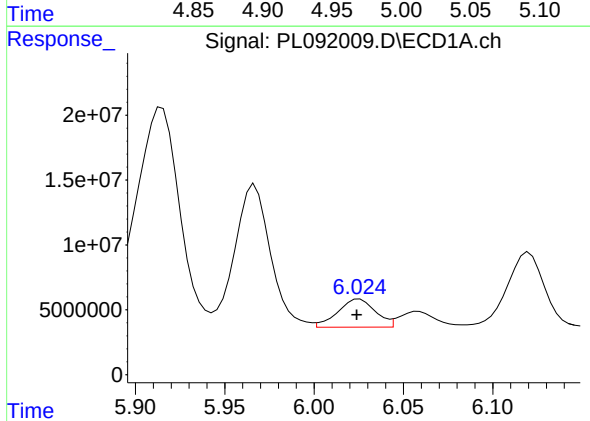
R.T.: 5.967 min  
Delta R.T.: 0.022 min  
Response: 154273255  
Conc: 62.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



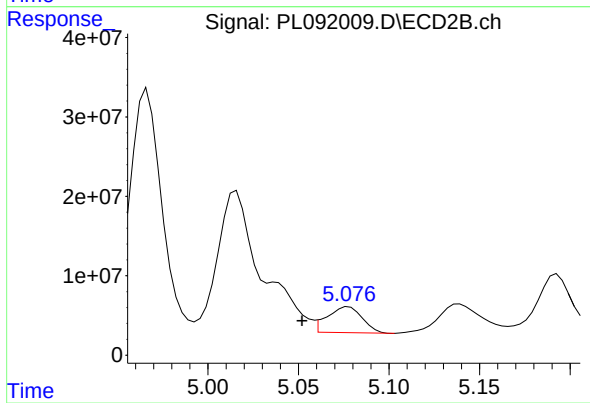
#10 gamma-Chlordane

R.T.: 4.966 min  
Delta R.T.: -0.022 min  
Response: 371640465  
Conc: 123.53 ng/ml



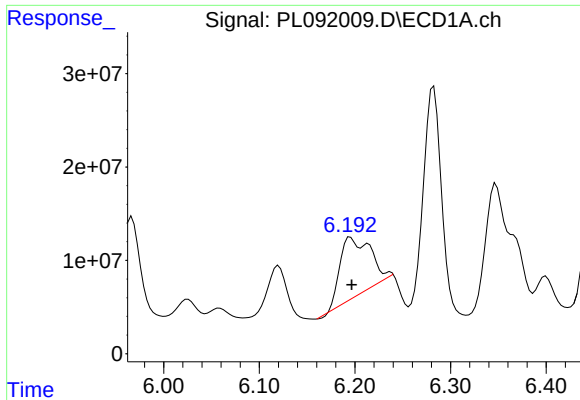
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: 0.002 min  
Response: 31826087  
Conc: 12.92 ng/ml



#11 alpha-Chlordane

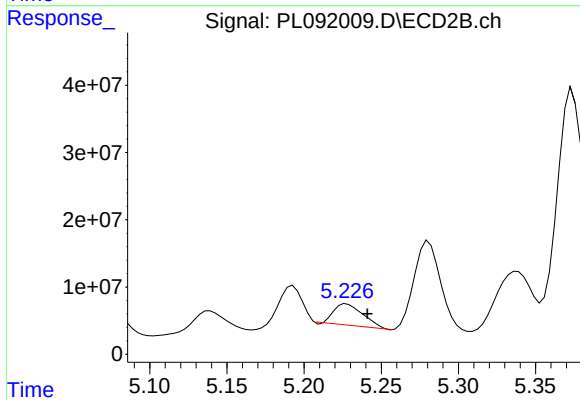
R.T.: 5.078 min  
Delta R.T.: 0.026 min  
Response: 43992251  
Conc: 14.70 ng/ml



#12 4,4'-DDE

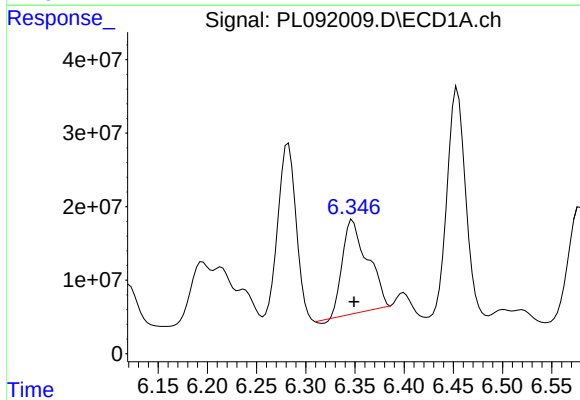
R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 144162362  
Conc: 66.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



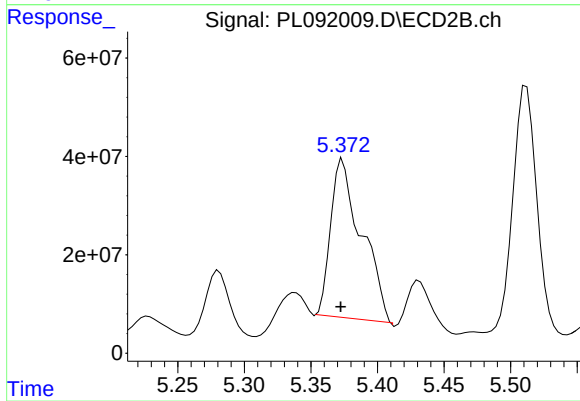
#12 4,4'-DDE

R.T.: 5.228 min  
Delta R.T.: -0.013 min  
Response: 41568165  
Conc: 14.96 ng/ml



#13 Dieldrin

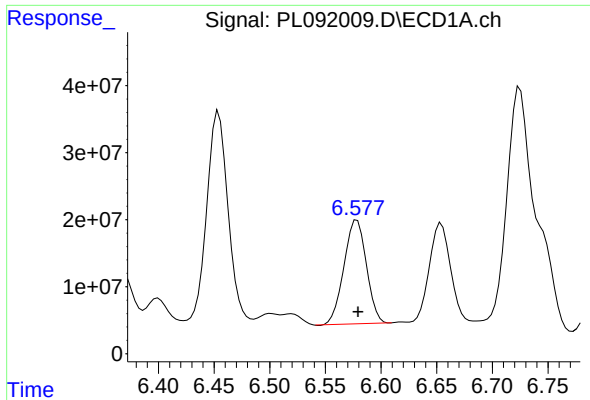
R.T.: 6.348 min  
Delta R.T.: -0.001 min  
Response: 223787590  
Conc: 91.76 ng/ml



#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.002 min  
Response: 516687964  
Conc: 176.23 ng/ml

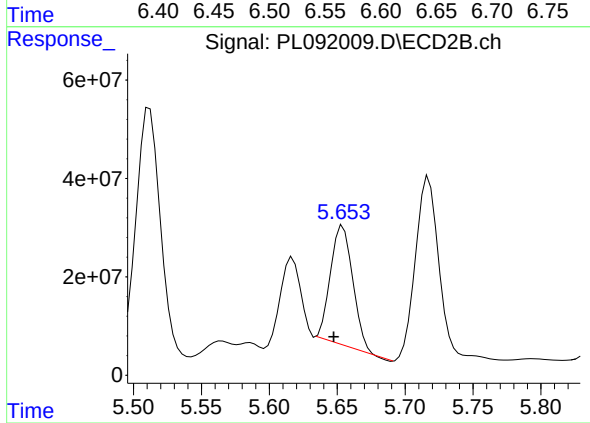




#14 Endrin

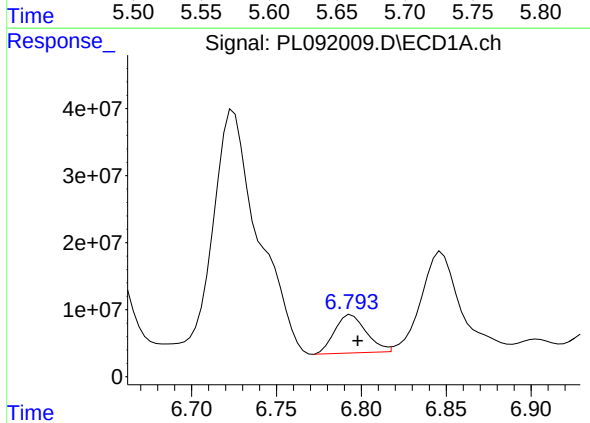
R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 218325403  
Conc: 105.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



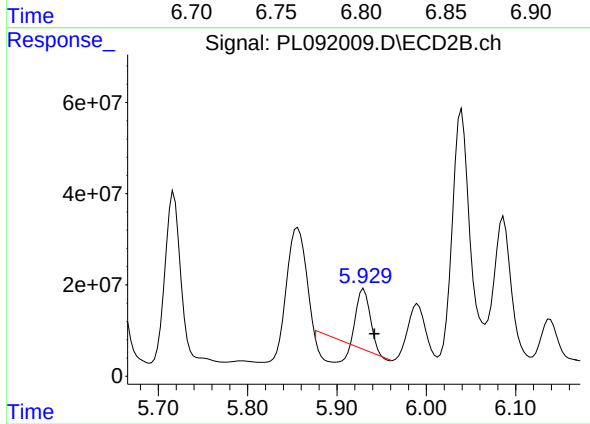
#14 Endrin

R.T.: 5.654 min  
Delta R.T.: 0.007 min  
Response: 278468277  
Conc: 106.20 ng/ml



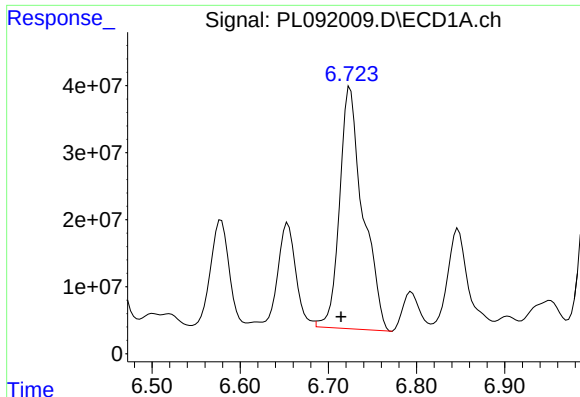
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: -0.004 min  
Response: 74129621  
Conc: 33.70 ng/ml



#15 Endosulfan II

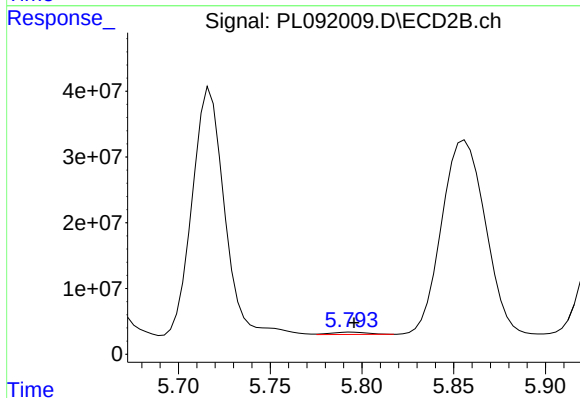
R.T.: 5.930 min  
Delta R.T.: -0.012 min  
Response: 75598801  
Conc: 30.21 ng/ml



#16 4,4'-DDD

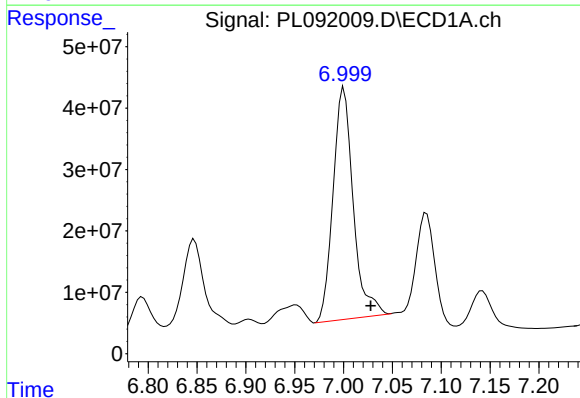
R.T.: 6.725 min  
Delta R.T.: 0.011 min  
Response: 664447274  
Conc: 370.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



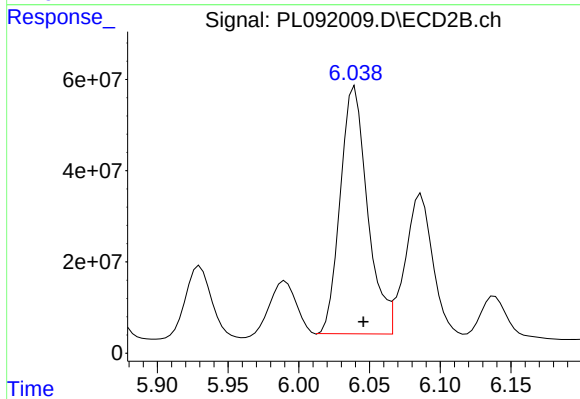
#16 4,4'-DDD

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 4755871  
Conc: 2.23 ng/ml



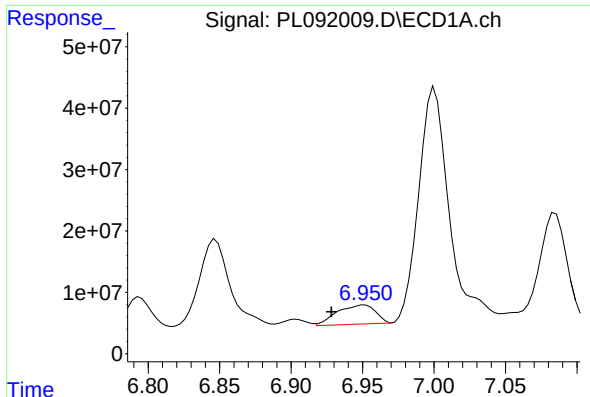
#17 4,4'-DDT

R.T.: 7.000 min  
Delta R.T.: -0.027 min  
Response: 543085800  
Conc: 294.96 ng/ml



#17 4,4'-DDT

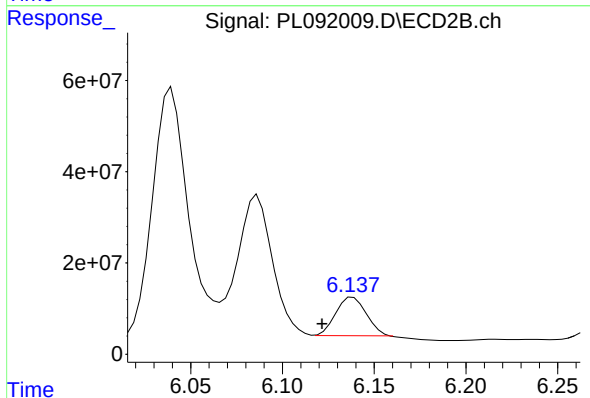
R.T.: 6.040 min  
Delta R.T.: -0.006 min  
Response: 727288274  
Conc: 314.41 ng/ml



#18 Endrin aldehyde

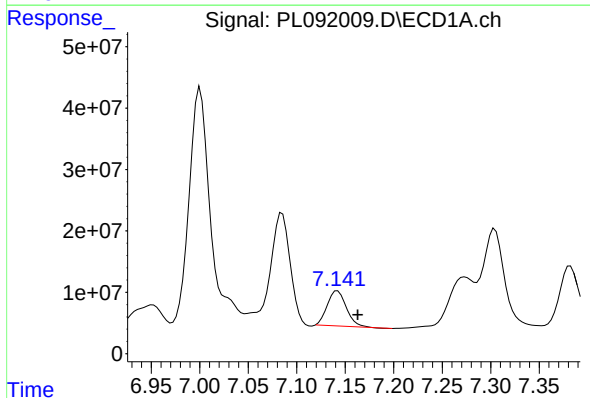
R.T.: 6.951 min  
Delta R.T.: 0.023 min  
Response: 57992279  
Conc: 33.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



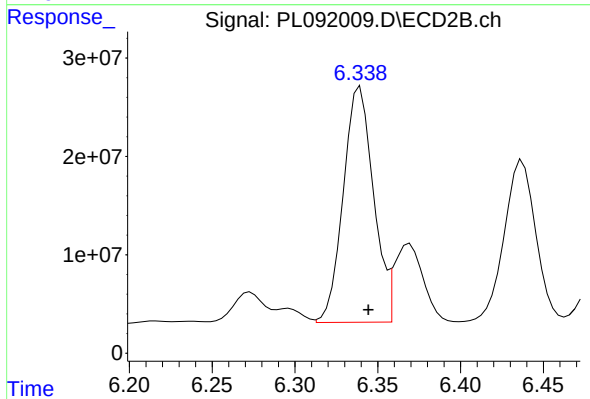
#18 Endrin aldehyde

R.T.: 6.138 min  
Delta R.T.: 0.017 min  
Response: 97445665  
Conc: 47.75 ng/ml



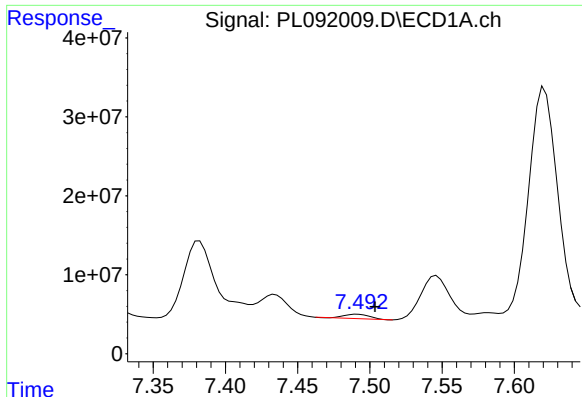
#19 Endosulfan Sulfate

R.T.: 7.142 min  
Delta R.T.: -0.021 min  
Response: 78375202  
Conc: 39.54 ng/ml



#19 Endosulfan Sulfate

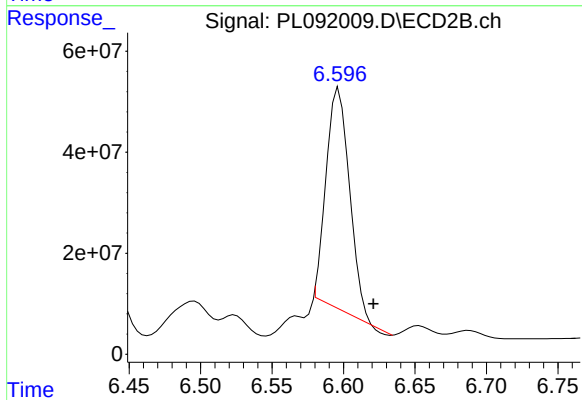
R.T.: 6.339 min  
Delta R.T.: -0.005 min  
Response: 303542405  
Conc: 125.82 ng/ml



#20 Methoxychlor

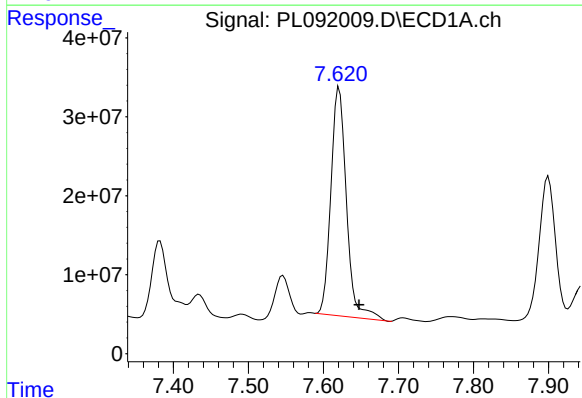
R.T.: 7.492 min  
Delta R.T.: -0.012 min  
Response: 6633378  
Conc: 6.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



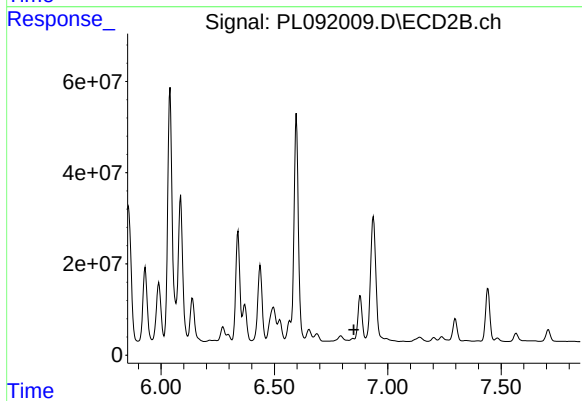
#20 Methoxychlor

R.T.: 6.597 min  
Delta R.T.: -0.024 min  
Response: 497000957  
Conc: 397.49 ng/ml



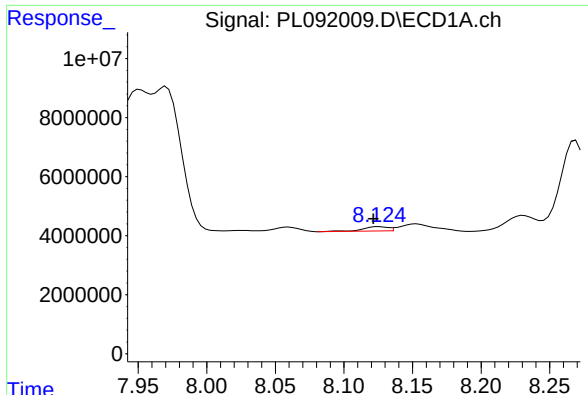
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.026 min  
Response: 413652655  
Conc: 188.23 ng/ml



#21 Endrin ketone

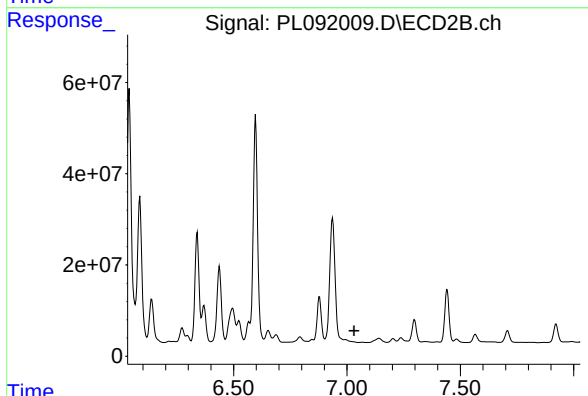
R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: -808470  
Conc: N.D.



#22 Mirex

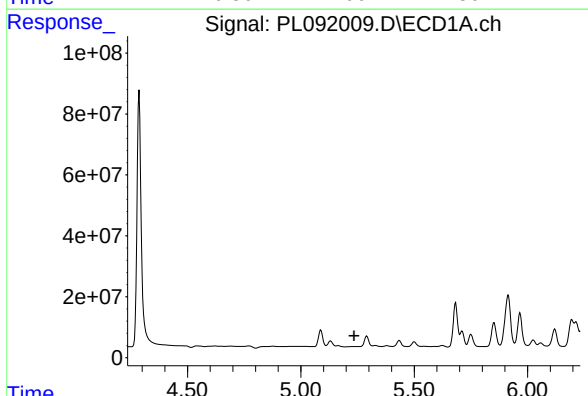
R.T.: 8.126 min  
Delta R.T.: 0.004 min  
Response: 1793938  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



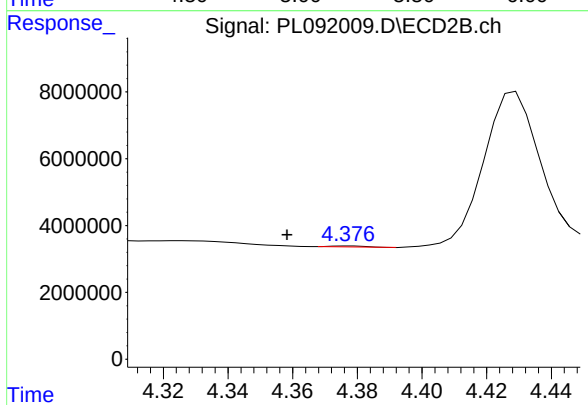
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.031 min  
Response: 0  
Conc: N.D.



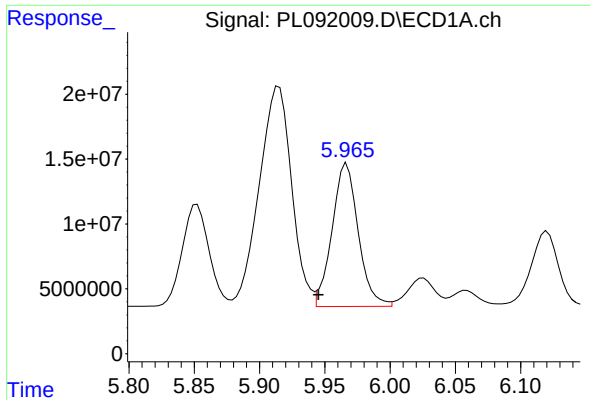
#24 Chlordane-2

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



#24 Chlordane-2

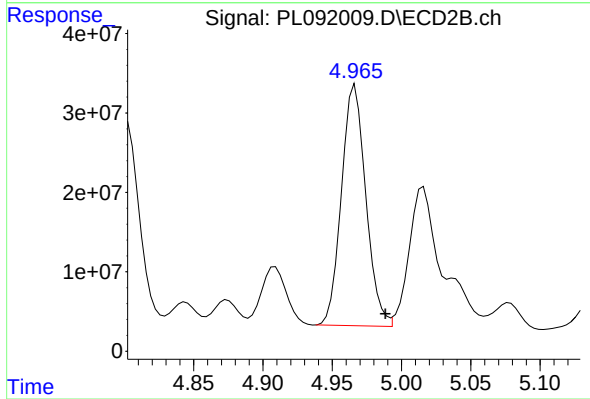
R.T.: 4.378 min  
Delta R.T.: 0.019 min  
Response: 224874  
Conc: 2.00 ng/ml



#25 Chlordane-3

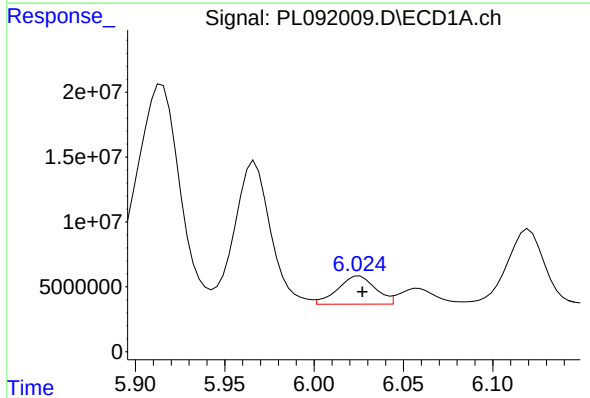
R.T.: 5.967 min  
Delta R.T.: 0.022 min  
Response: 154273255  
Conc: 411.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



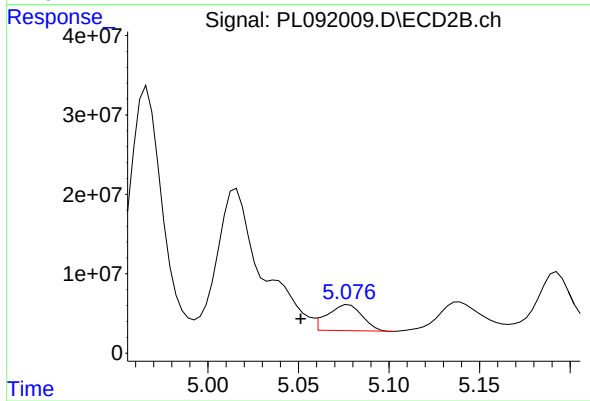
#25 Chlordane-3

R.T.: 4.966 min  
Delta R.T.: -0.022 min  
Response: 371640465  
Conc: 1122.01 ng/ml



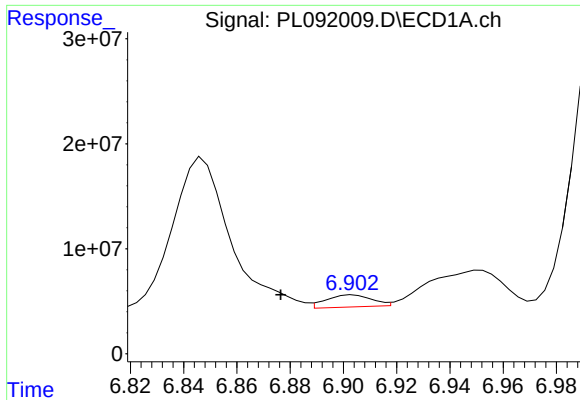
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.002 min  
Response: 31826087  
Conc: 70.28 ng/ml



#26 Chlordane-4

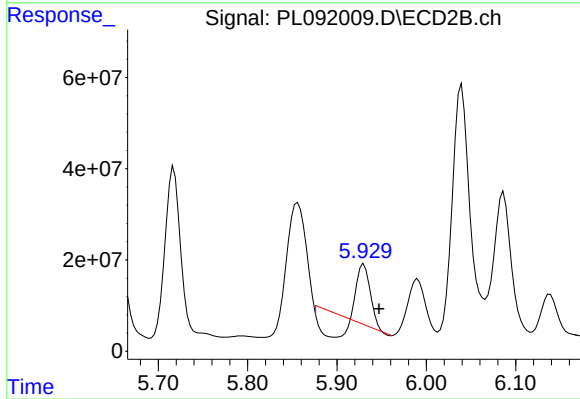
R.T.: 5.078 min  
Delta R.T.: 0.027 min  
Response: 43992251  
Conc: 138.65 ng/ml



#27 Chlordane-5

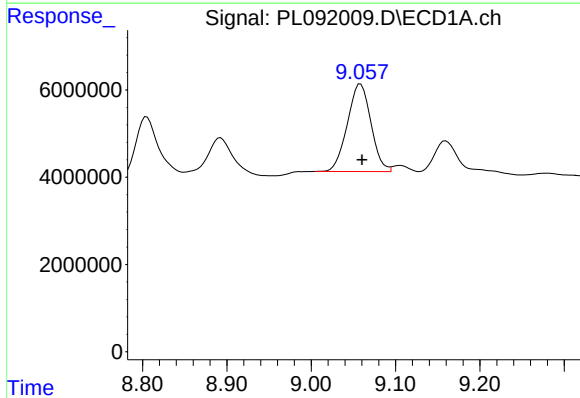
R.T.: 6.904 min  
Delta R.T.: 0.027 min  
Response: 13618337  
Conc: 156.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



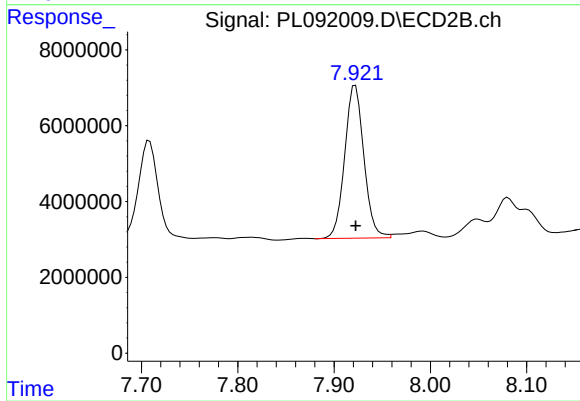
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.017 min  
Response: 75598801  
Conc: 697.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.002 min  
Response: 38963414  
Conc: 23.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: 0.000 min  
Response: 55671182  
Conc: 22.25 ng/ml