

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081024\  
 Data File : PL090941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2024 17:33  
 Operator : AR\AJ  
 Sample : TOXAPHENE354  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TOXAPH3402

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 23:20:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080824CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 08 15:00:49 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 x 0.50µm

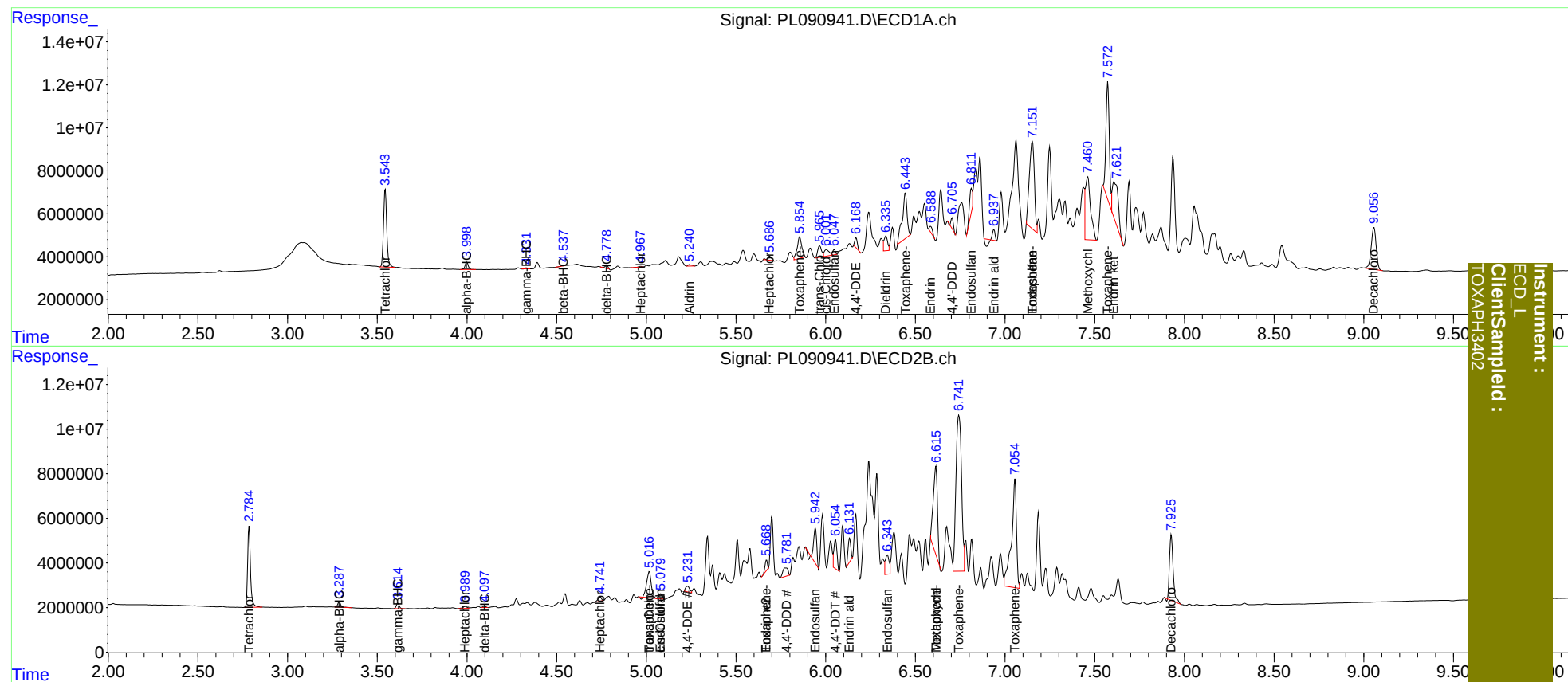
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|-----------|----------|------------|
| -----                       |                 |        |        |          |           |          |            |
| System Monitoring Compounds |                 |        |        |          |           |          |            |
| 1)                          | SA Tetrachlo... | 3.545  | 2.785  | 45455184 | 40479002  | 22.447   | 23.065     |
| 27)                         | SA Decachlor... | 9.057  | 7.927  | 37898002 | 40776364  | 24.343   | 23.759     |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.288  | 4278689  | 2980138   | 1.440    | 1.205      |
| 3)                          | MA gamma-BHC... | 4.332  | 3.615  | 538074   | 2766732   | 0.193    | 1.179 #    |
| 4)                          | MA Heptachlor   | 4.969f | 3.990f | 391039   | 1505001   | 0.147    | 0.652 #    |
| 5)                          | MB Aldrin       | 5.241  | 4.251  | 953027   | 201020    | 0.380    | <MDL #     |
| 6)                          | B beta-BHC      | 4.538  | 0.000  | 204448   | 0         | 0.153    | N.D. #     |
| 7)                          | B delta-BHC     | 4.779  | 4.098f | 1513981  | 719779    | 0.541    | 0.308 #    |
| 8)                          | B Heptachlo...  | 5.687  | 4.743  | 2703224  | 2539517   | 1.038    | 1.244      |
| 9)                          | A Endosulfan I  | 6.048  | 5.080  | 2685754  | 3087284   | 1.211    | 1.888 #    |
| 10)                         | B trans-Chl...  | 5.967  | 5.017  | 7860280  | 20901498  | 3.446    | 10.294 #   |
| 11)                         | B cis-Chlor...  | 6.004  | 5.080  | 5854036  | 3087284   | 2.502    | 1.483 #    |
| 12)                         | B 4,4'-DDE      | 6.170  | 5.231  | 4756141  | 3991311   | 2.380    | 2.133      |
| 13)                         | MA Dieldrin     | 6.336  | 5.370  | 9663580  | 110768    | 4.280    | <MDL #     |
| 14)                         | MA Endrin       | 6.585  | 5.671  | 2789202  | 4137777   | 1.530    | 2.160 #    |
| 15)                         | B Endosulfa...  | 6.813  | 5.943  | 11652679 | 17852669  | 6.067    | 10.002 #   |
| 16)                         | A 4,4'-DDD      | 6.705  | 5.782  | 4779759  | 7513210   | 2.828    | 4.658 #    |
| 17)                         | MA 4,4'-DDT     | 7.062f | 6.055  | -1406127 | 15868546  | N.D.     | 9.863      |
| 18)                         | B Endrin al...  | 6.938  | 6.134  | 1645247  | 10897813  | 1.128    | 7.984 #    |
| 19)                         | B Endosulfa...  | 7.152  | 6.344  | 79294776 | 12593506  | 43.851   | 7.228 #    |
| 20)                         | A Methoxychlor  | 7.461f | 6.615  | 60355257 | 64310515  | 72.373   | 73.719     |
| 21)                         | B Endrin ke...  | 7.607f | 6.865  | 42401229 | -10105799 | 21.535   | N.D. #     |
| 22)                         | Toxaphene-1     | 5.855  | 5.017  | 18147884 | 20901498  | 2420.782 | 1836.764   |
| 23)                         | Toxaphene-2     | 6.444  | 5.671  | 39625414 | 4137777   | 2085.697 | 389.191 #  |
| 24)                         | Toxaphene-3     | 7.062  | 6.615  | -1406127 | 64310515  | N.D.     | 1661.920   |
| 25)                         | Toxaphene-4     | 7.152  | 6.743  | 79294776 | 151.8E6   | 2091.318 | 2873.503 # |
| 26)                         | Toxaphene-5     | 7.573  | 7.055  | 71530115 | 95975412  | 2653.806 | 2748.758   |
| -----                       |                 |        |        |          |           |          |            |

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

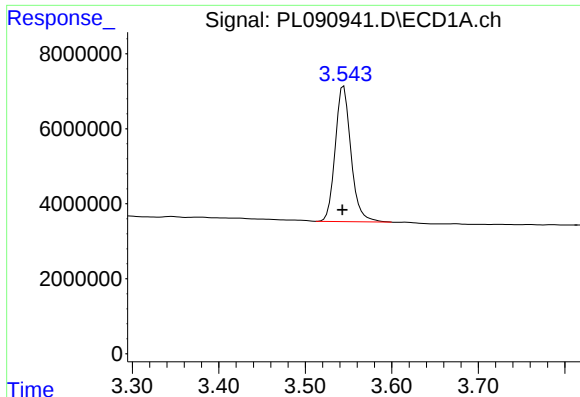
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081024\  
Data File : PL090941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2024 17:33  
Operator : AR\AJ  
Sample : TOXAPHENE354  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 23:20:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080824CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 08 15:00:49 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 x 0.50µm



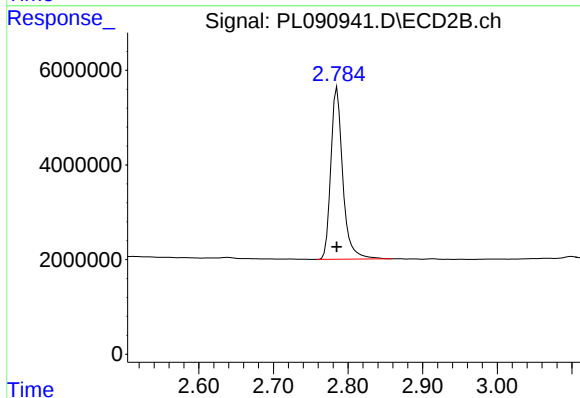
Instrument :  
ECD\_L  
Client Sample :  
TOXAPH3402



#1 Tetrachloro-m-xylene

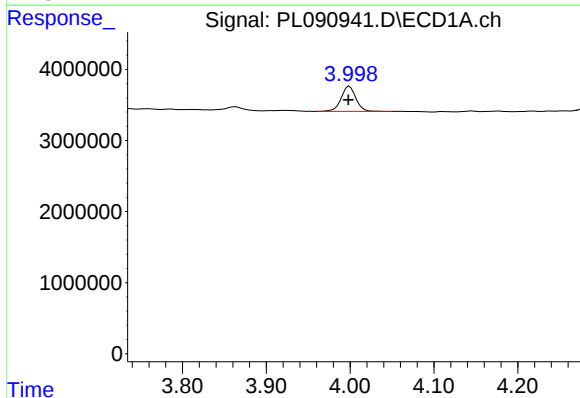
R.T.: 3.545 min  
Delta R.T.: 0.002 min  
Response: 45455184  
Conc: 22.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



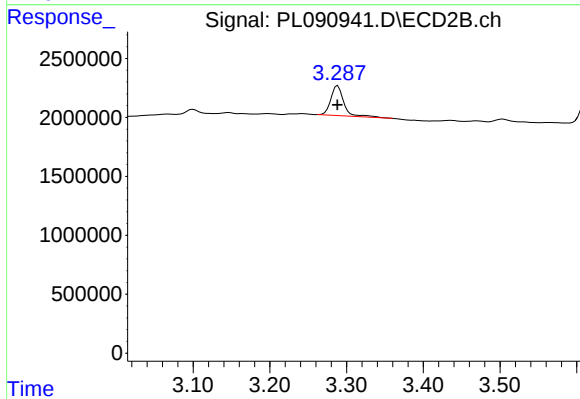
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: 0.000 min  
Response: 40479002  
Conc: 23.07 ng/ml



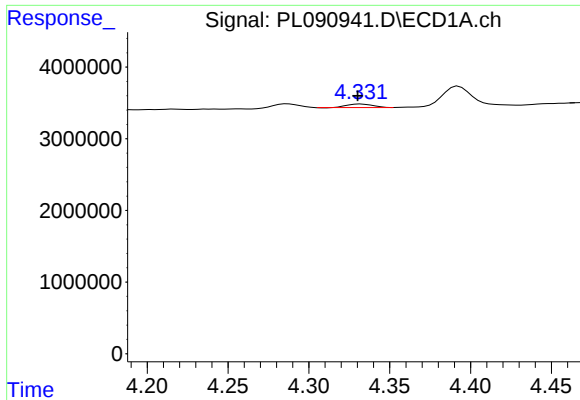
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.001 min  
Response: 4278689  
Conc: 1.44 ng/ml



#2 alpha-BHC

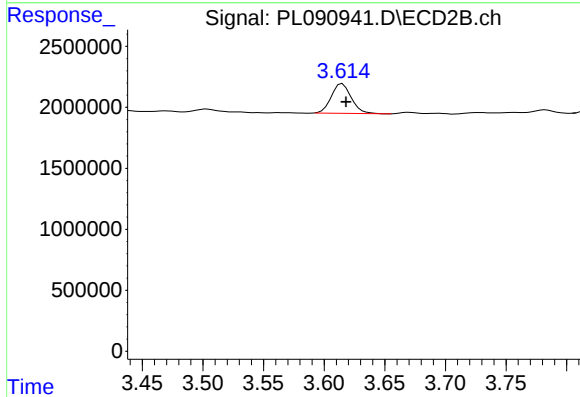
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 2980138  
Conc: 1.20 ng/ml



#3 gamma-BHC (Lindane)

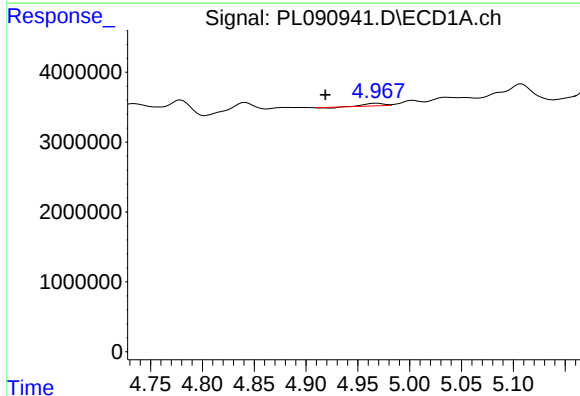
R.T.: 4.332 min  
Delta R.T.: 0.002 min  
Response: 538074  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



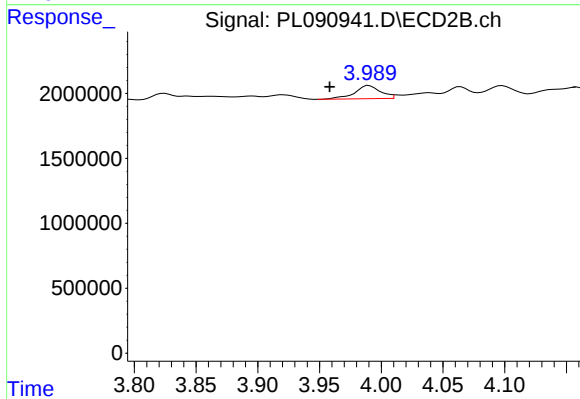
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: -0.003 min  
Response: 2766732  
Conc: 1.18 ng/ml



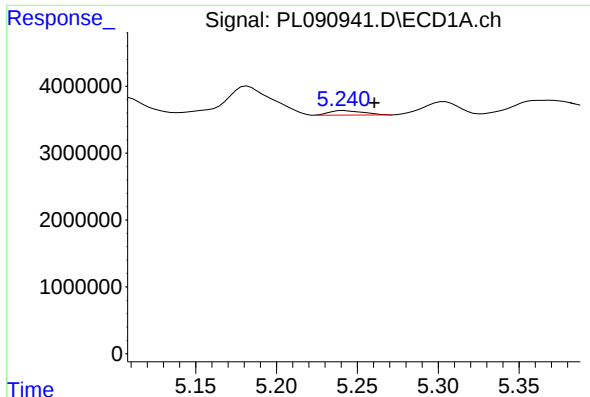
#4 Heptachlor

R.T.: 4.969 min  
Delta R.T.: 0.050 min  
Response: 391039  
Conc: 0.15 ng/ml



#4 Heptachlor

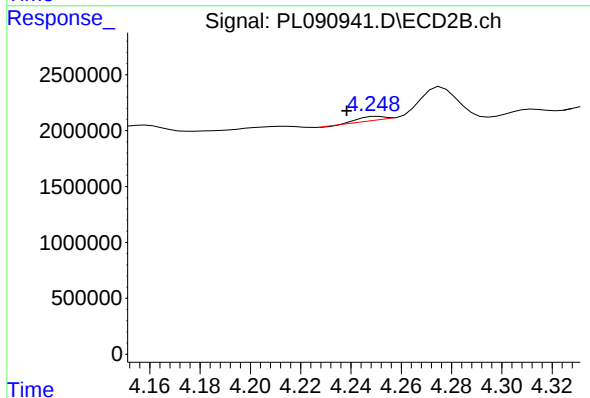
R.T.: 3.990 min  
Delta R.T.: 0.032 min  
Response: 1505001  
Conc: 0.65 ng/ml



#5 Aldrin

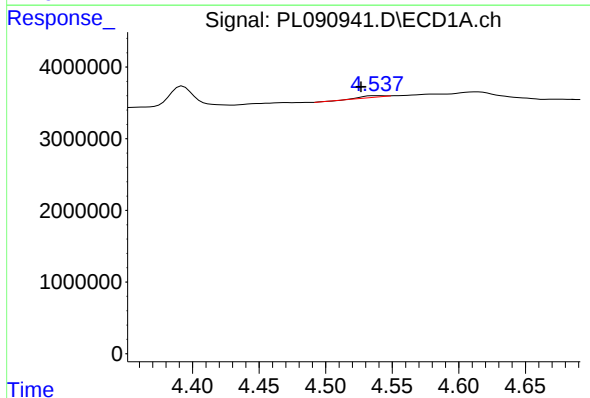
R.T.: 5.241 min  
Delta R.T.: -0.019 min  
Response: 953027  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



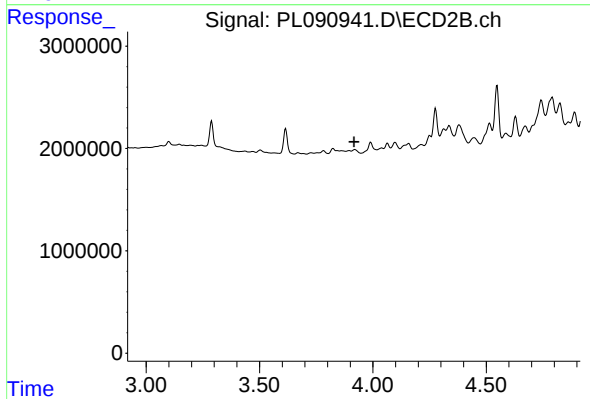
#5 Aldrin

R.T.: 4.251 min  
Delta R.T.: 0.013 min  
Response: 201020  
Conc: N.D.



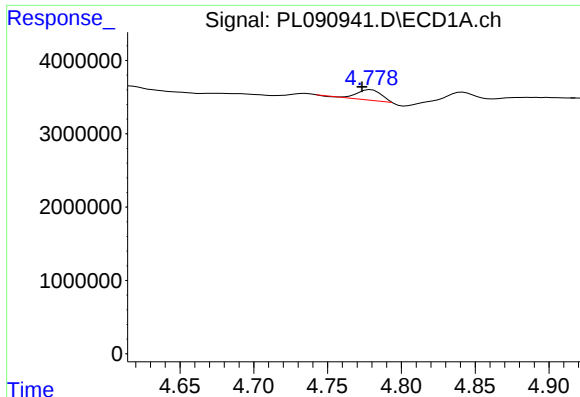
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.012 min  
Response: 204448  
Conc: 0.15 ng/ml



#6 beta-BHC

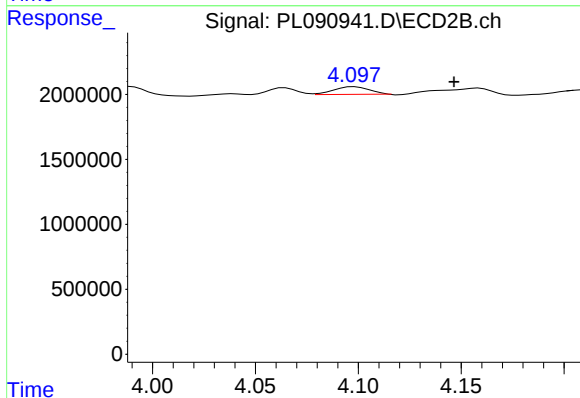
R.T.: 0.000 min  
Exp R.T. : 3.917 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

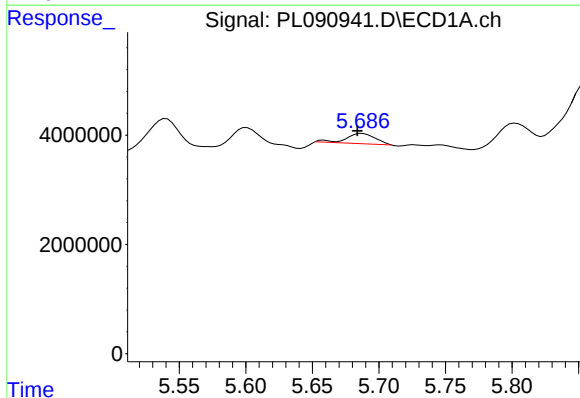
R.T.: 4.779 min  
Delta R.T.: 0.006 min  
Response: 1513981  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



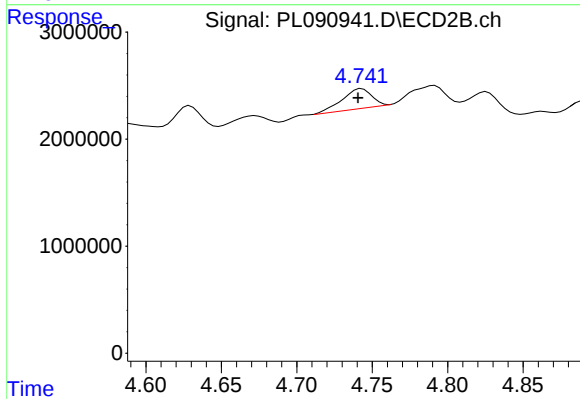
#7 delta-BHC

R.T.: 4.098 min  
Delta R.T.: -0.048 min  
Response: 719779  
Conc: 0.31 ng/ml



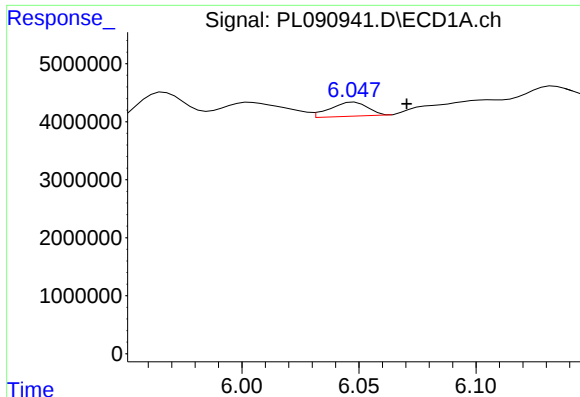
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.003 min  
Response: 2703224  
Conc: 1.04 ng/ml



#8 Heptachlor epoxide

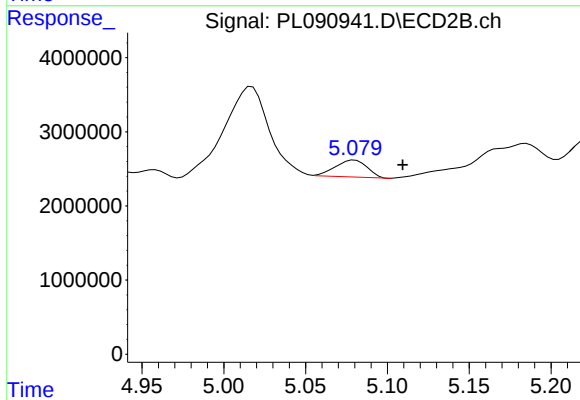
R.T.: 4.743 min  
Delta R.T.: 0.002 min  
Response: 2539517  
Conc: 1.24 ng/ml



#9 Endosulfan I

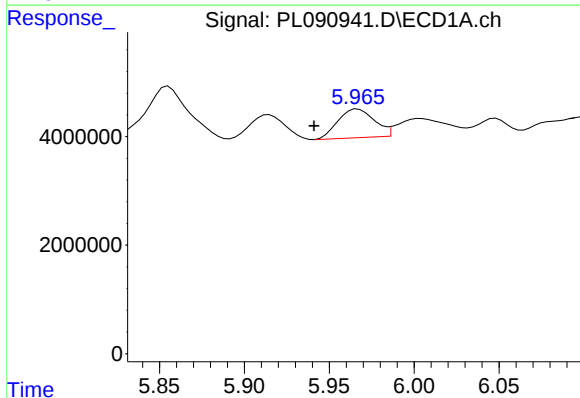
R.T.: 6.048 min  
Delta R.T.: -0.022 min  
Response: 2685754  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



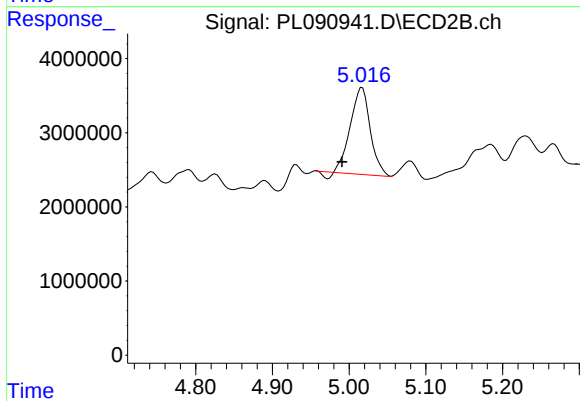
#9 Endosulfan I

R.T.: 5.080 min  
Delta R.T.: -0.029 min  
Response: 3087284  
Conc: 1.89 ng/ml



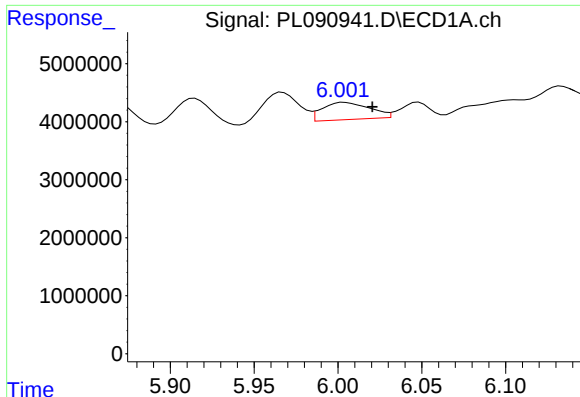
#10 trans-Chlordane

R.T.: 5.967 min  
Delta R.T.: 0.026 min  
Response: 7860280  
Conc: 3.45 ng/ml



#10 trans-Chlordane

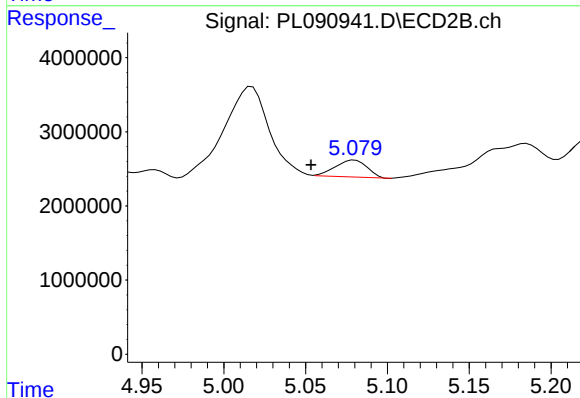
R.T.: 5.017 min  
Delta R.T.: 0.026 min  
Response: 20901498  
Conc: 10.29 ng/ml



#11 cis-Chlordane

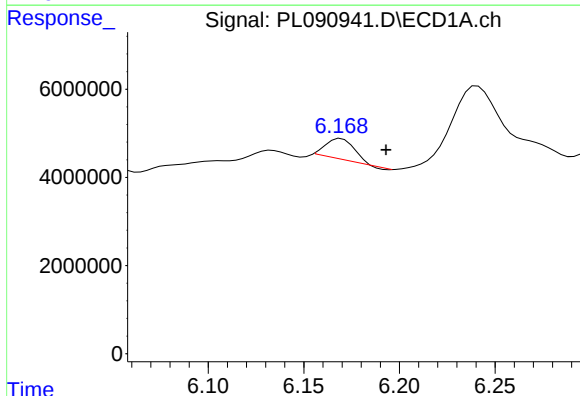
R.T.: 6.004 min  
Delta R.T.: -0.017 min  
Response: 5854036  
Conc: 2.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



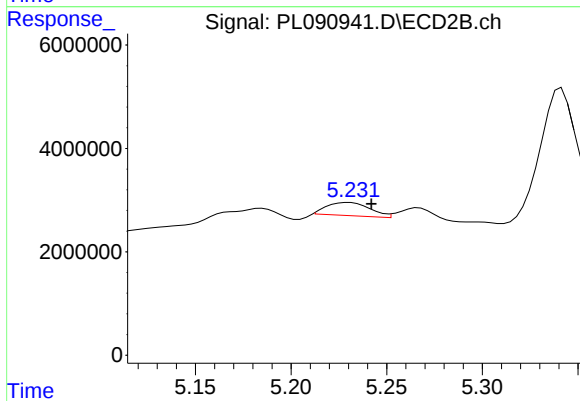
#11 cis-Chlordane

R.T.: 5.080 min  
Delta R.T.: 0.027 min  
Response: 3087284  
Conc: 1.48 ng/ml



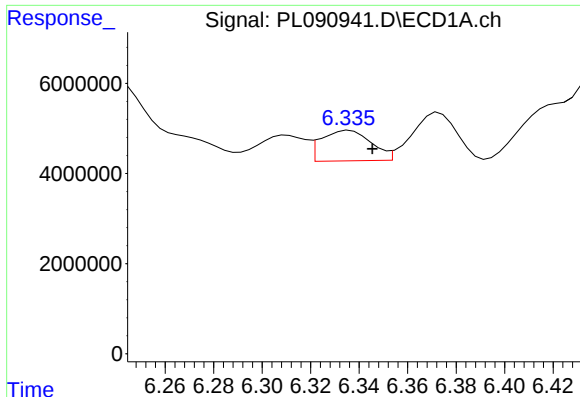
#12 4,4'-DDE

R.T.: 6.170 min  
Delta R.T.: -0.023 min  
Response: 4756141  
Conc: 2.38 ng/ml



#12 4,4'-DDE

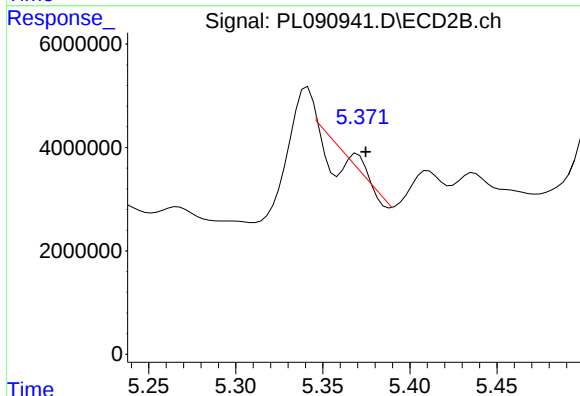
R.T.: 5.231 min  
Delta R.T.: -0.011 min  
Response: 3991311  
Conc: 2.13 ng/ml



#13 Dieldrin

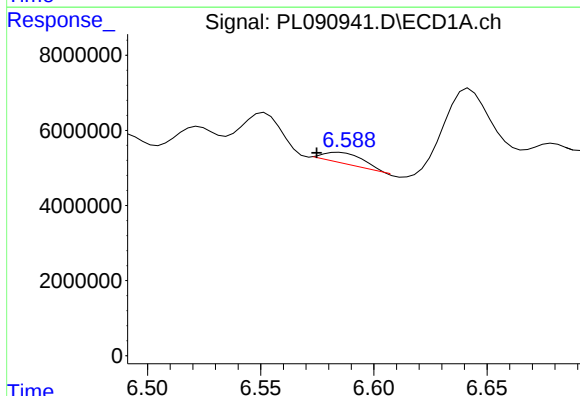
R.T.: 6.336 min  
Delta R.T.: -0.009 min  
Response: 9663580  
Conc: 4.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



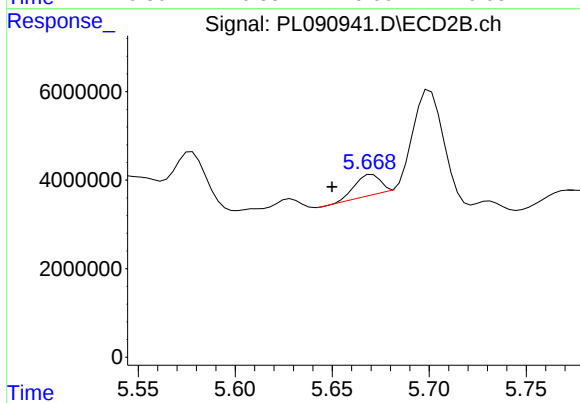
#13 Dieldrin

R.T.: 5.370 min  
Delta R.T.: -0.005 min  
Response: 110768  
Conc: N.D.



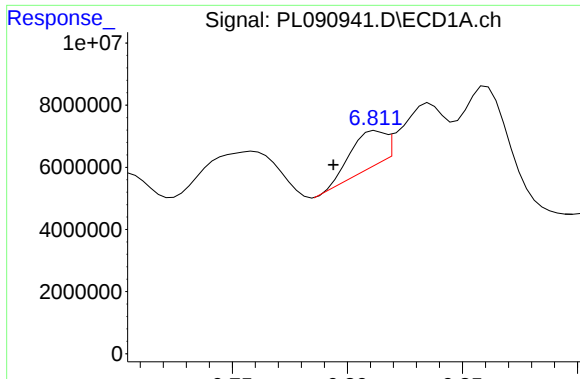
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.010 min  
Response: 2789202  
Conc: 1.53 ng/ml



#14 Endrin

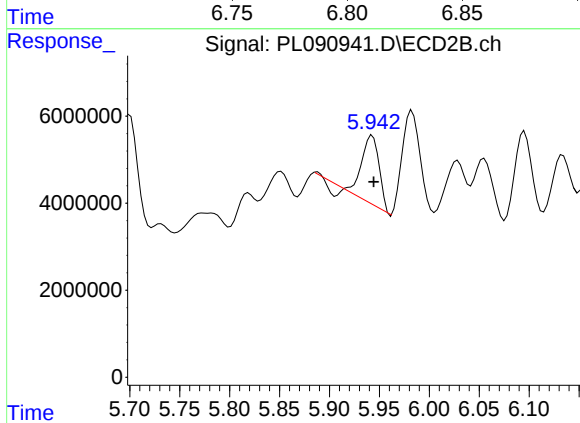
R.T.: 5.671 min  
Delta R.T.: 0.021 min  
Response: 4137777  
Conc: 2.16 ng/ml



#15 Endosulfan II

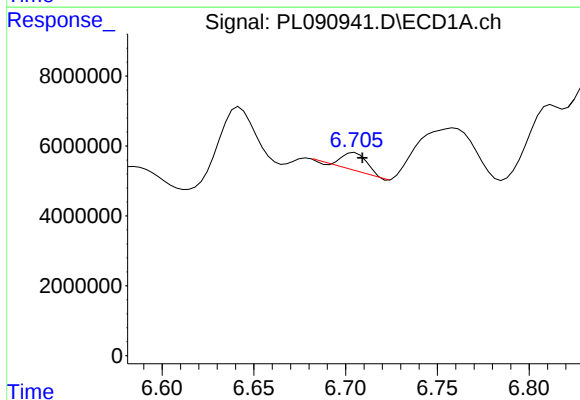
R.T.: 6.813 min  
Delta R.T.: 0.019 min  
Response: 11652679  
Conc: 6.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



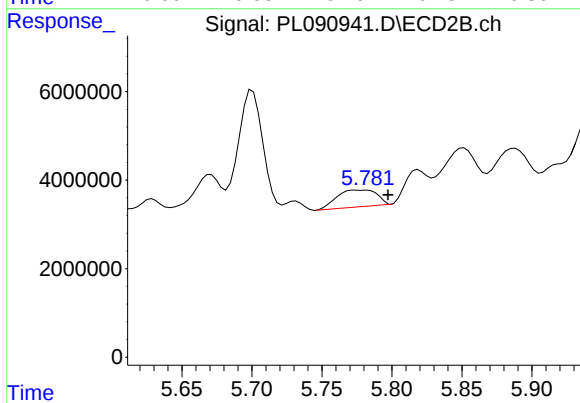
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 17852669  
Conc: 10.00 ng/ml



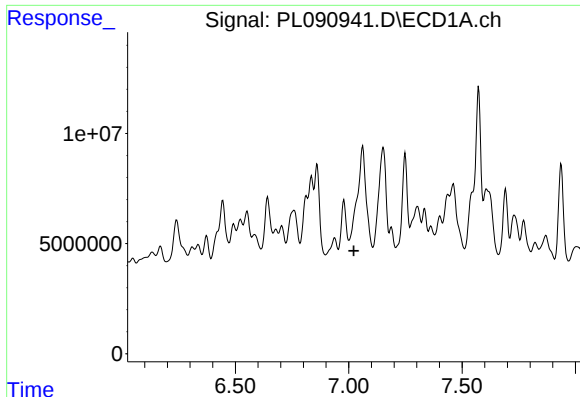
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: -0.004 min  
Response: 4779759  
Conc: 2.83 ng/ml



#16 4,4'-DDD

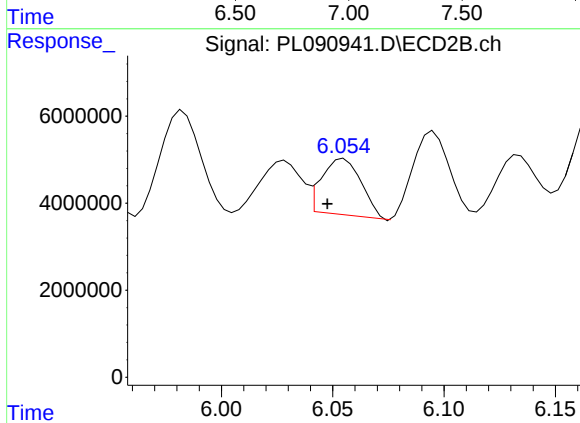
R.T.: 5.782 min  
Delta R.T.: -0.015 min  
Response: 7513210  
Conc: 4.66 ng/ml



#17 4,4'-DDT

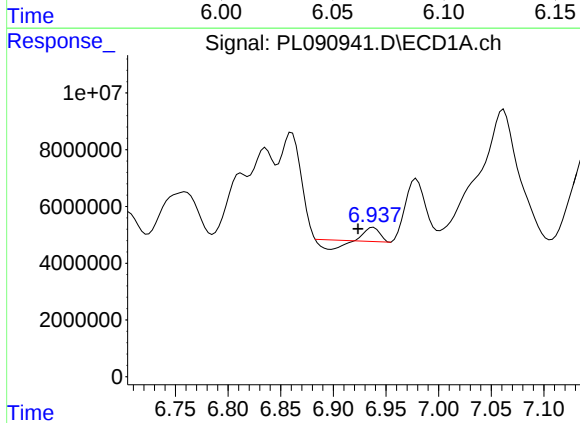
R.T.: 7.062 min  
Delta R.T.: 0.039 min  
Response: -1406127  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



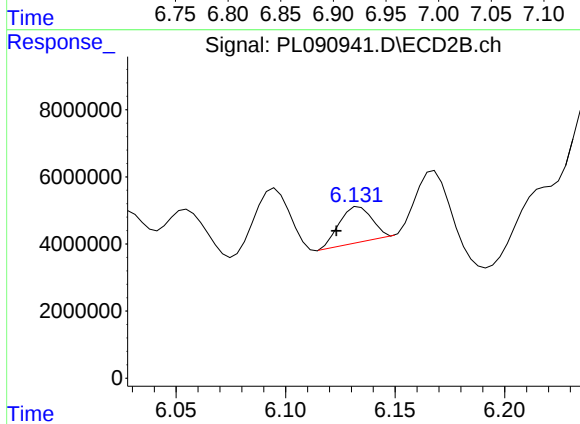
#17 4,4'-DDT

R.T.: 6.055 min  
Delta R.T.: 0.007 min  
Response: 15868546  
Conc: 9.86 ng/ml



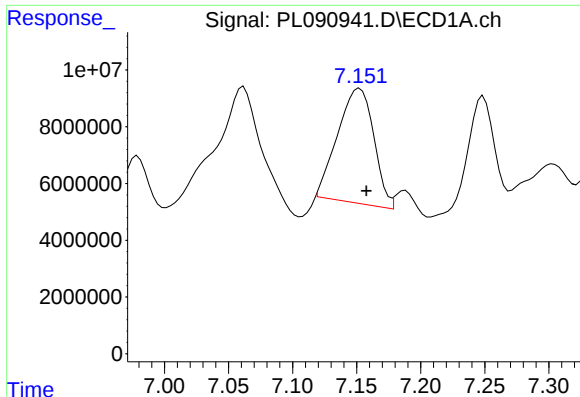
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.015 min  
Response: 1645247  
Conc: 1.13 ng/ml



#18 Endrin aldehyde

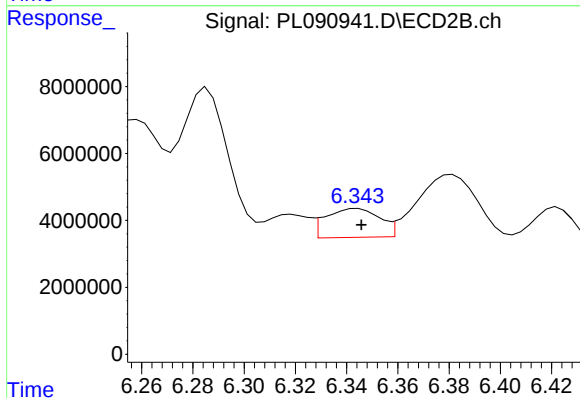
R.T.: 6.134 min  
Delta R.T.: 0.011 min  
Response: 10897813  
Conc: 7.98 ng/ml



#19 Endosulfan Sulfate

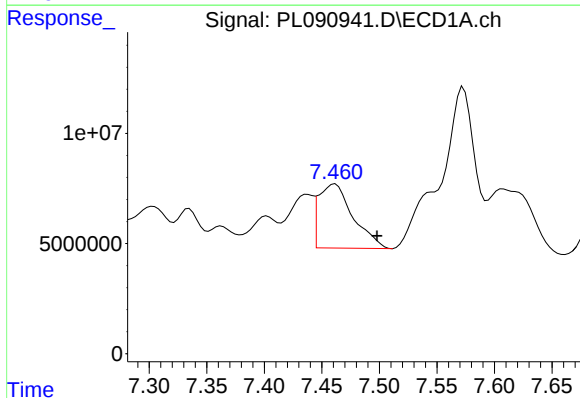
R.T.: 7.152 min  
Delta R.T.: -0.005 min  
Response: 79294776  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



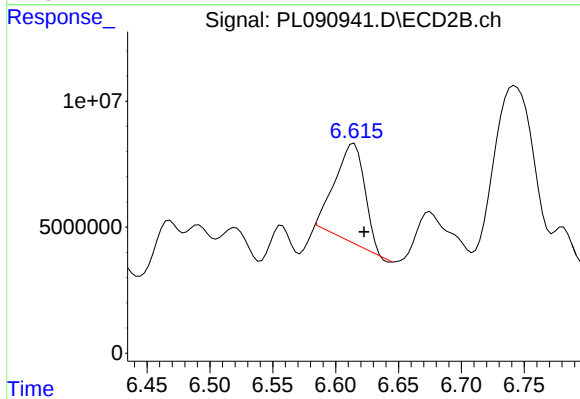
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.001 min  
Response: 12593506  
Conc: 7.23 ng/ml



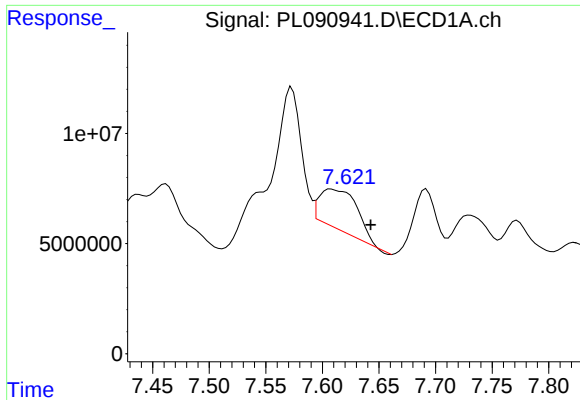
#20 Methoxychlor

R.T.: 7.461 min  
Delta R.T.: -0.037 min  
Response: 60355257  
Conc: 72.37 ng/ml



#20 Methoxychlor

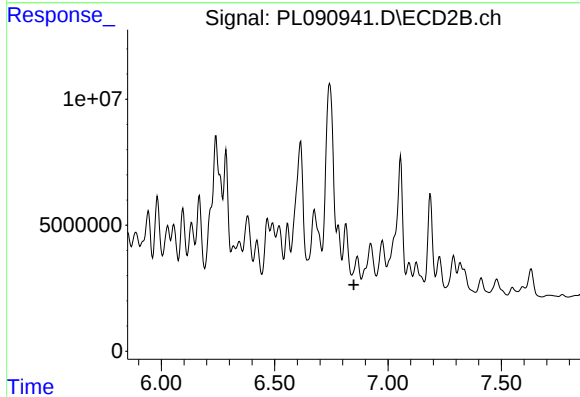
R.T.: 6.615 min  
Delta R.T.: -0.008 min  
Response: 64310515  
Conc: 73.72 ng/ml



#21 Endrin ketone

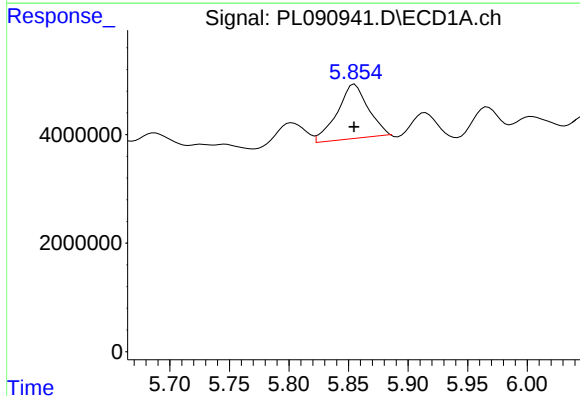
R.T.: 7.607 min  
Delta R.T.: -0.035 min  
Response: 42401229  
Conc: 21.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



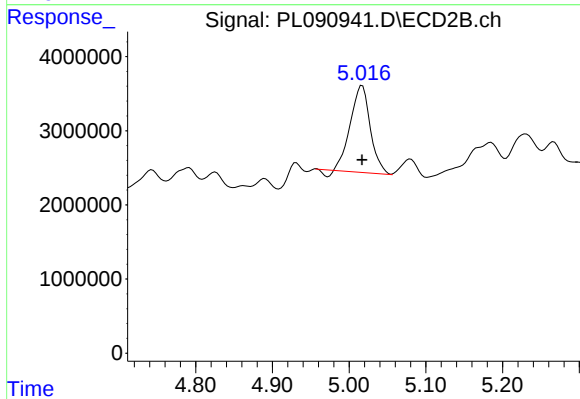
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: 0.015 min  
Response: -10105799  
Conc: N.D.



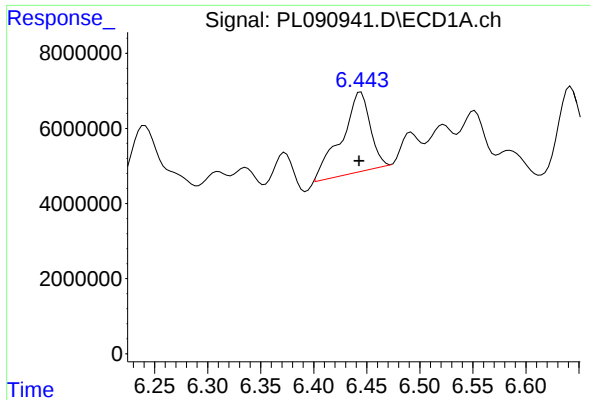
#22 Toxaphene-1

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 18147884  
Conc: 2420.78 ng/ml



#22 Toxaphene-1

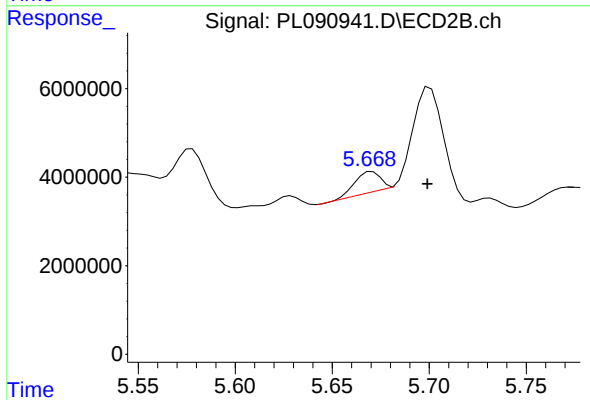
R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 20901498  
Conc: 1836.76 ng/ml



#23 Toxaphene-2

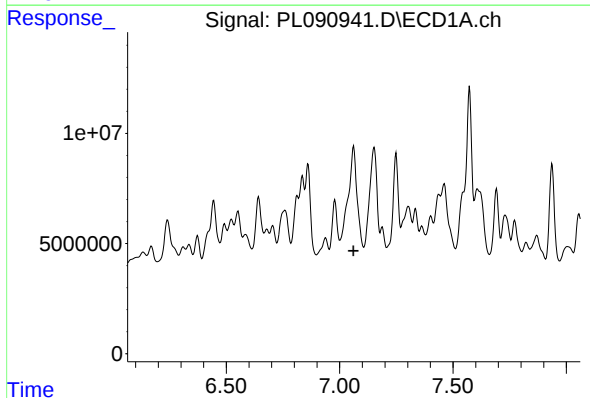
R.T.: 6.444 min  
Delta R.T.: 0.002 min  
Response: 39625414  
Conc: 2085.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



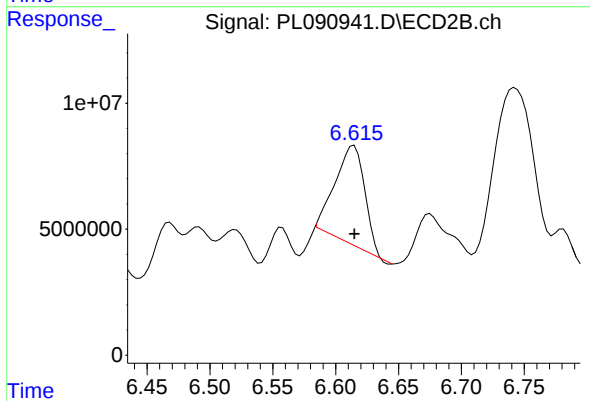
#23 Toxaphene-2

R.T.: 5.671 min  
Delta R.T.: -0.028 min  
Response: 4137777  
Conc: 389.19 ng/ml



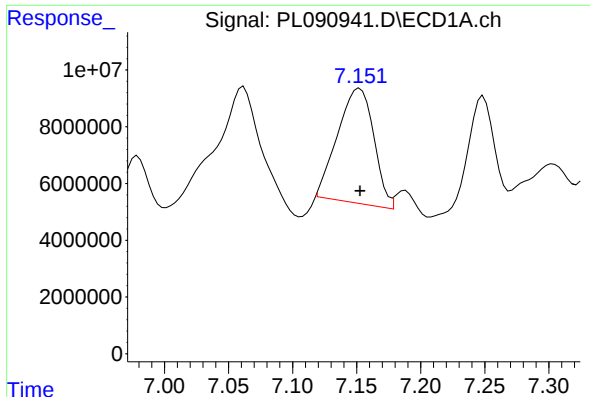
#24 Toxaphene-3

R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: -1406127  
Conc: N.D.



#24 Toxaphene-3

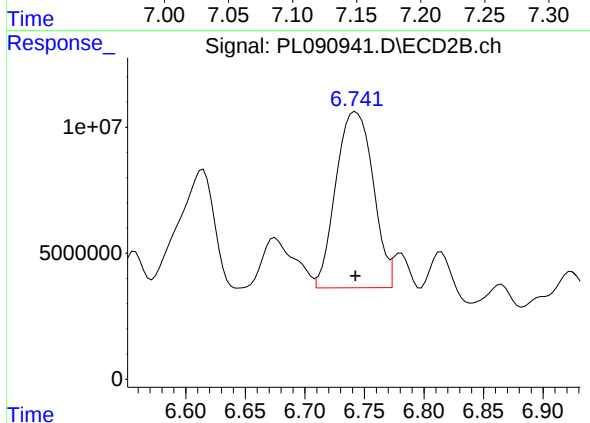
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 64310515  
Conc: 1661.92 ng/ml



#25 Toxaphene-4

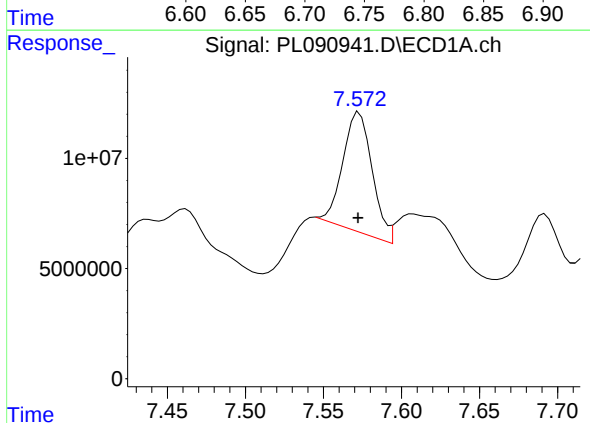
R.T.: 7.152 min  
Delta R.T.: 0.000 min  
Response: 79294776  
Conc: 2091.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



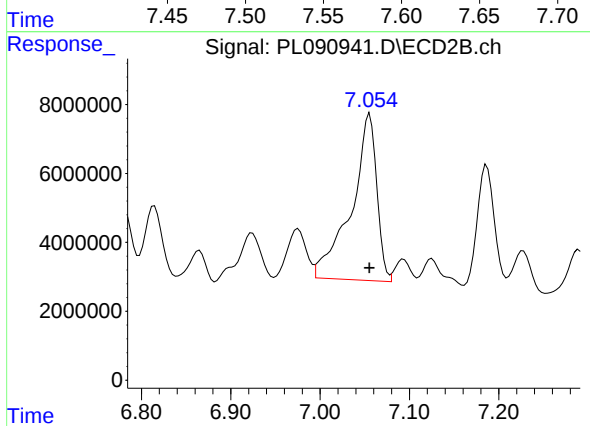
#25 Toxaphene-4

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 151762680  
Conc: 2873.50 ng/ml



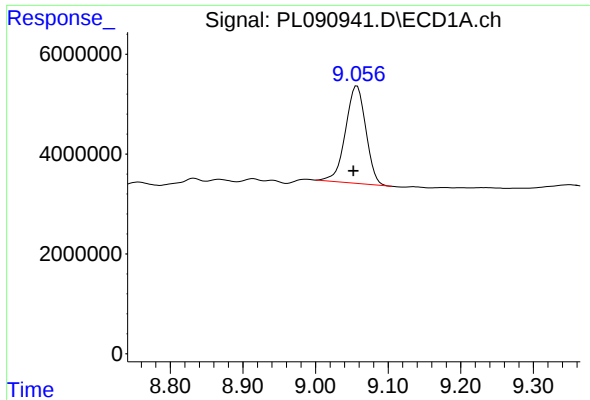
#26 Toxaphene-5

R.T.: 7.573 min  
Delta R.T.: 0.000 min  
Response: 71530115  
Conc: 2653.81 ng/ml



#26 Toxaphene-5

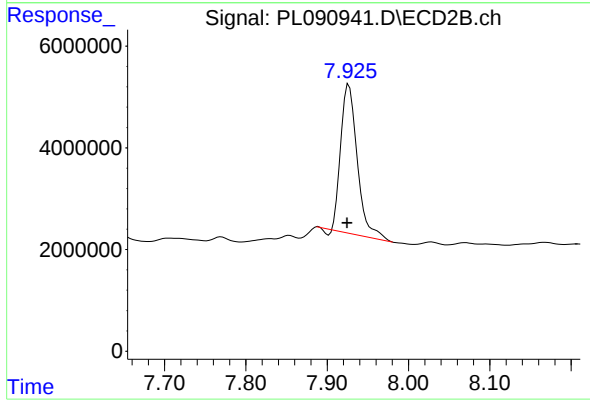
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 95975412  
Conc: 2748.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.005 min  
Response: 37898002  
Conc: 24.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TOXAPH3402



#27 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: 0.002 min  
Response: 40776364  
Conc: 23.76 ng/ml