

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
 Data File : PL089467.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2024 19:52  
 Operator : AR\AJ  
 Sample : P2430-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 1011UMR-SS002-1224-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 23:17:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.550  | 2.796  | 44246522 | 28997551 | 21.973 | 22.601  |
| 28)                         | SA Decachlor... | 9.066  | 7.947  | 29936668 | 29006546 | 21.398 | 21.563  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.007  | 3.311  | 159033   | 54016    | 0.056  | 0.029 # |
| 3)                          | MA gamma-BHC... | 4.348  | 3.648f | 12879    | 313735   | 0.005  | 0.170 # |
| 4)                          | MA Heptachlor   | 4.915  | 3.981  | 2626981  | 42656    | 1.059  | 0.024 # |
| 5)                          | MB Aldrin       | 5.282  | 4.275f | 2314475  | 178275   | 0.901  | 0.101 # |
| 6)                          | B beta-BHC      | 0.000  | 3.934  | 0        | 155161   | N.D.   | 0.190 # |
| 7)                          | B delta-BHC     | 4.774  | 4.162  | 2911864  | 24685    | 1.098  | 0.014 # |
| 8)                          | B Heptachlo...  | 5.690  | 4.760  | 3199994  | 19446    | 1.364  | 0.012 # |
| 9)                          | A Endosulfan I  | 6.084  | 5.117  | 540899   | 160079   | 0.252  | 0.107 # |
| 10)                         | B gamma-Chl...  | 5.979f | 5.015  | 815189   | 305126   | 0.357  | 0.186 # |
| 11)                         | B alpha-Chl...  | 6.034  | 5.064  | 991122   | 406536   | 0.436  | 0.247 # |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.268  | 409432   | 13056    | 0.202  | 0.009 # |
| 13)                         | MA Dieldrin     | 6.356  | 0.000  | 143449   | 0        | 0.064  | N.D. #  |
| 14)                         | MA Endrin       | 6.580  | 5.689f | 173658   | 70071    | 0.092  | 0.049 # |
| 15)                         | B Endosulfa...  | 6.777f | 5.952  | 816613   | 220751   | 0.409  | 0.153 # |
| 16)                         | A 4,4'-DDD      | 6.702  | 5.810  | 57400    | 94998    | 0.034  | 0.077 # |
| 17)                         | MA 4,4'-DDT     | 7.015f | 6.065  | 2707651  | 47608    | 1.472  | 0.035 # |
| 18)                         | B Endrin al...  | 6.933  | 6.149  | 204954   | 27660    | 0.136  | 0.025 # |
| 19)                         | B Endosulfa...  | 7.169  | 6.370  | 25350    | 91967    | 0.014  | 0.066 # |
| 20)                         | A Methoxychlor  | 7.505  | 6.647  | 417800   | 36555    | 0.425  | 0.046 # |
| 21)                         | B Endrin ke...  | 7.638  | 0.000  | 79897    | 0        | 0.040  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.809  | 0        | 114785   | N.D.   | 2.333 # |
| 24)                         | Chlordane-2     | 5.241  | 4.347f | 3064883  | 301278   | 29.163 | 4.736 # |
| 25)                         | Chlordane-3     | 5.979f | 5.015  | 815189   | 305126   | 2.468  | 1.782 # |
| 26)                         | Chlordane-4     | 6.034  | 5.064  | 991122   | 406536   | 2.431  | 2.528   |
| 27)                         | Chlordane-5     | 0.000  | 5.766f | 0        | 277830   | N.D.   | 5.429 # |
| -----                       |                 |        |        |          |          |        |         |

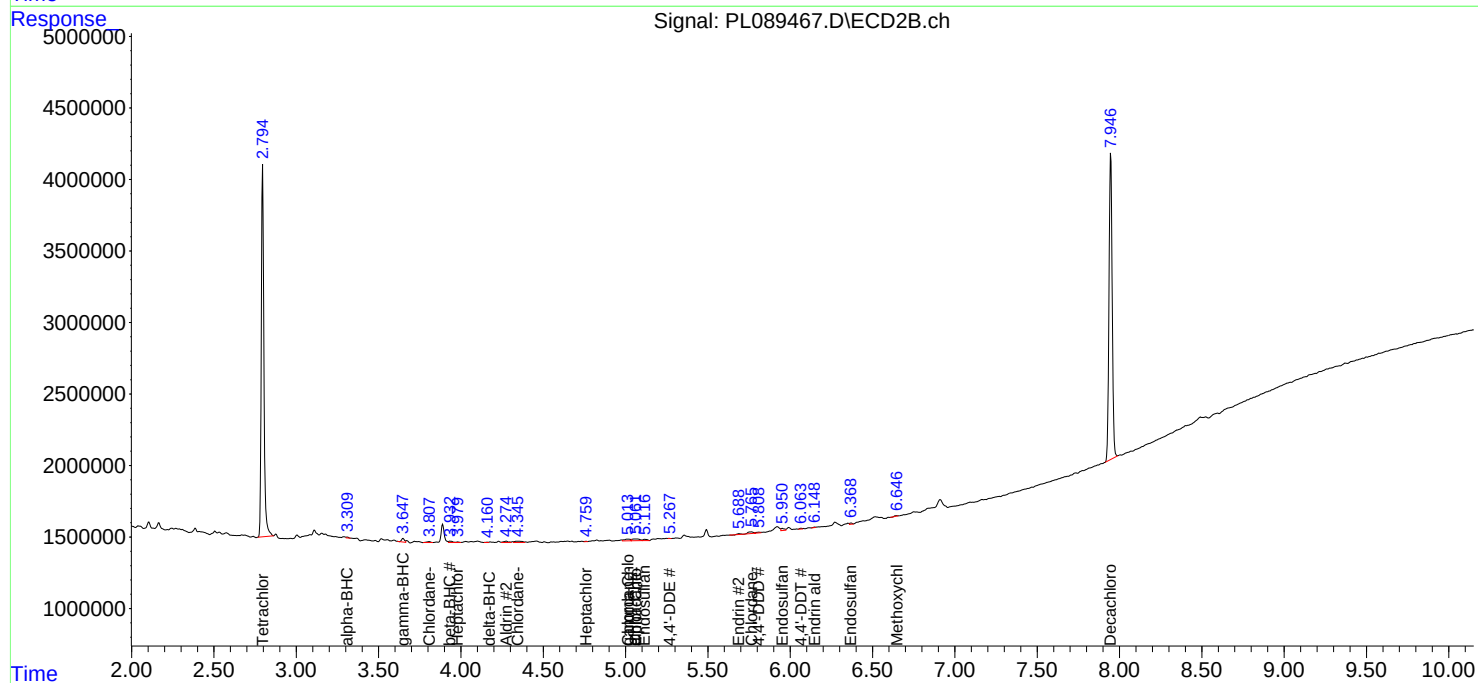
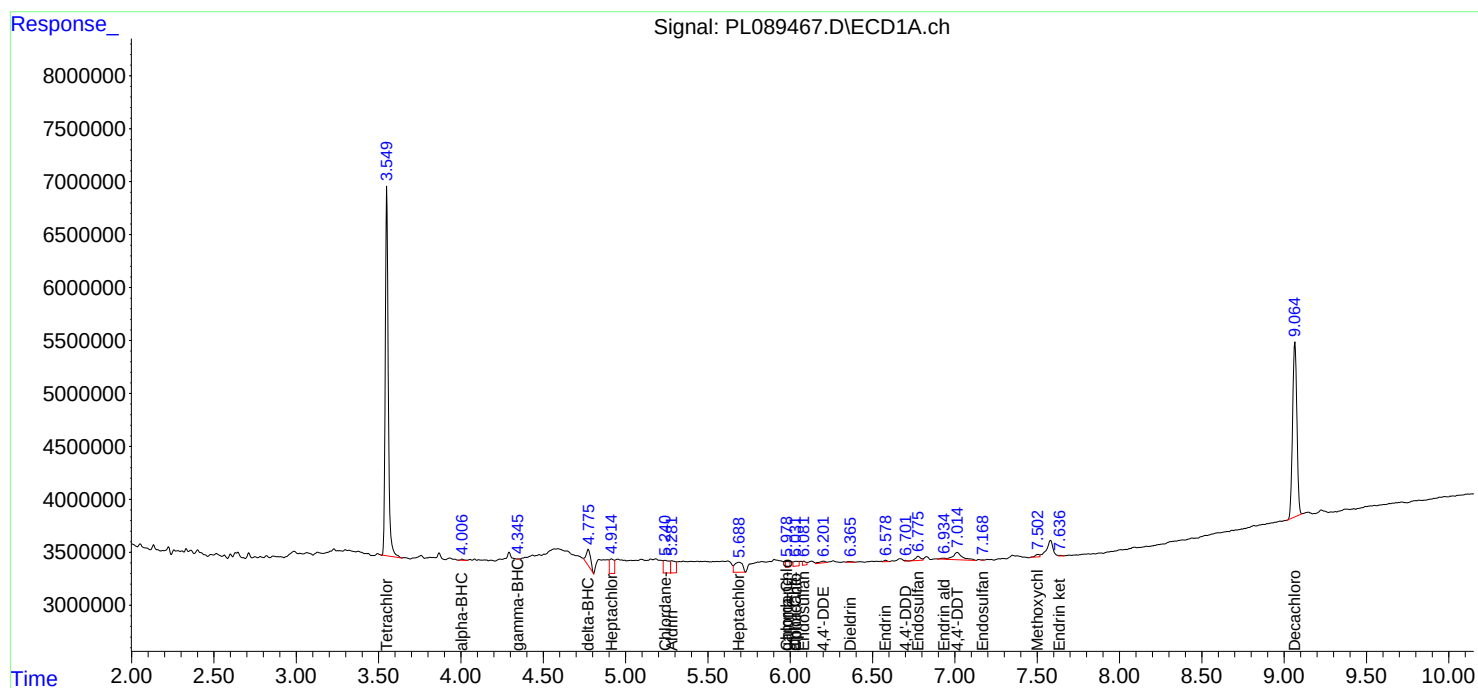
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

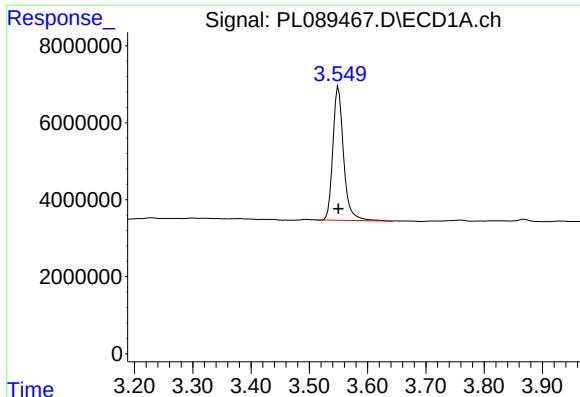
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
Data File : PL089467.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2024 19:52  
Operator : AR\AJ  
Sample : P2430-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 23:17:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

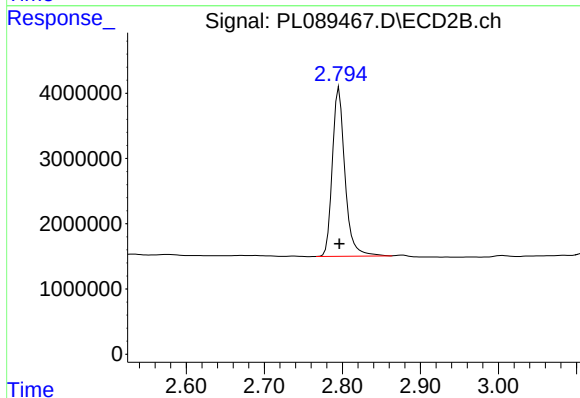




#1 Tetrachloro-m-xylene

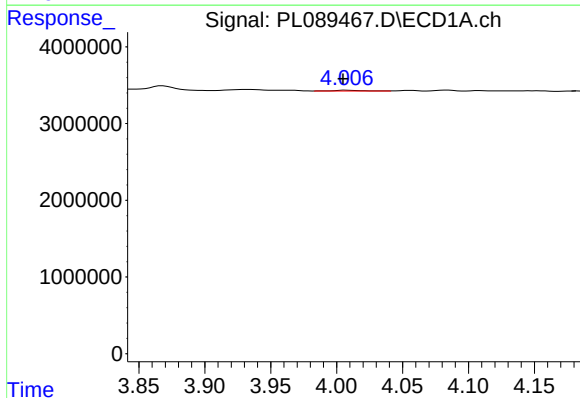
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 44246522  
Conc: 21.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



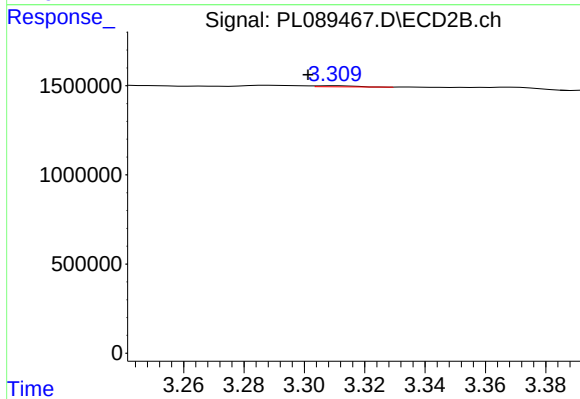
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 28997551  
Conc: 22.60 ng/ml



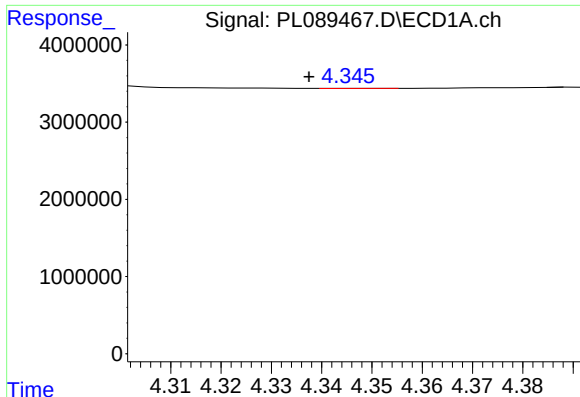
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.002 min  
Response: 159033  
Conc: 0.06 ng/ml



#2 alpha-BHC

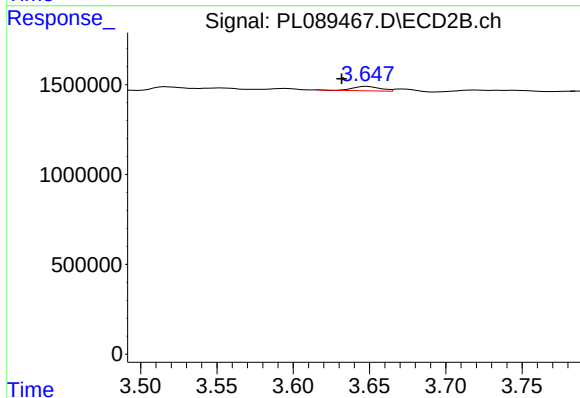
R.T.: 3.311 min  
Delta R.T.: 0.009 min  
Response: 54016  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

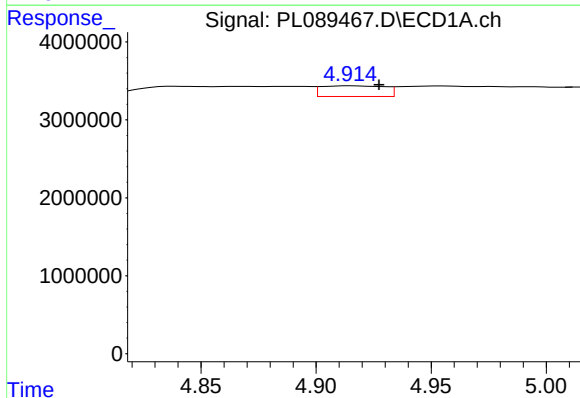
R.T.: 4.348 min  
Delta R.T.: 0.010 min  
Response: 12879  
Conc: 0.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



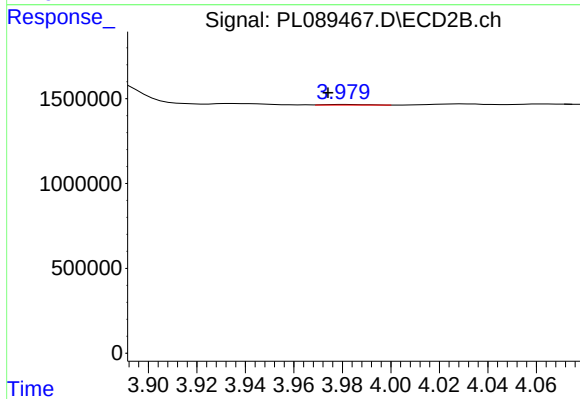
#3 gamma-BHC (Lindane)

R.T.: 3.648 min  
Delta R.T.: 0.017 min  
Response: 313735  
Conc: 0.17 ng/ml



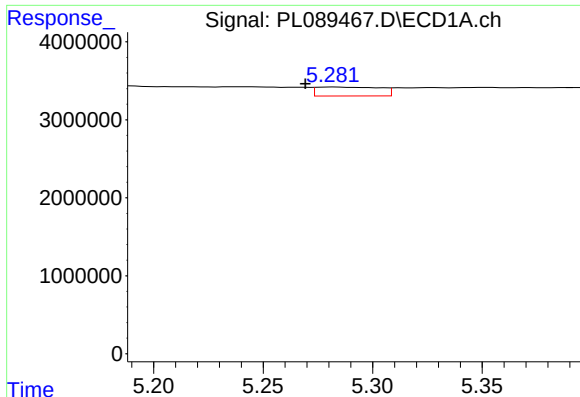
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.012 min  
Response: 2626981  
Conc: 1.06 ng/ml



#4 Heptachlor

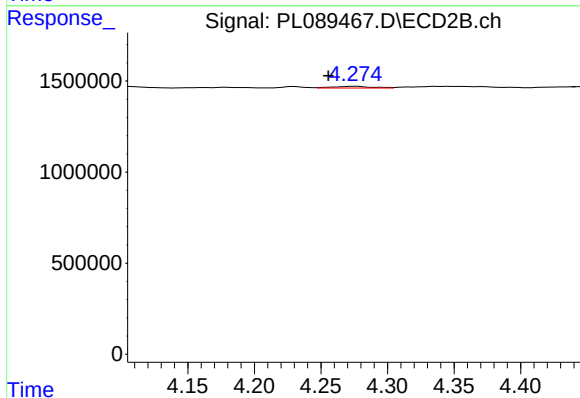
R.T.: 3.981 min  
Delta R.T.: 0.007 min  
Response: 42656  
Conc: 0.02 ng/ml



#5 Aldrin

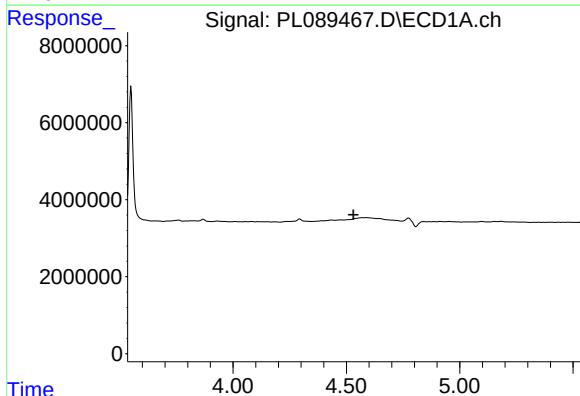
R.T.: 5.282 min  
Delta R.T.: 0.013 min  
Response: 2314475  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



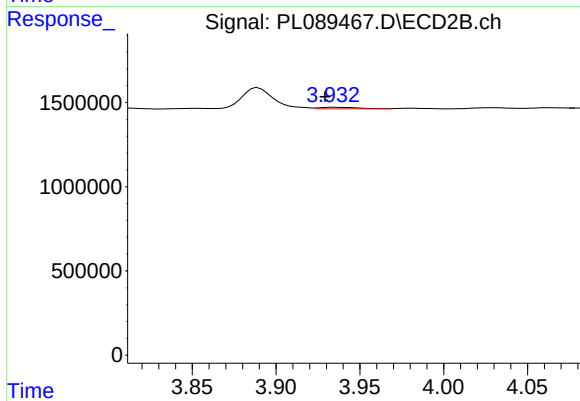
#5 Aldrin

R.T.: 4.275 min  
Delta R.T.: 0.020 min  
Response: 178275  
Conc: 0.10 ng/ml



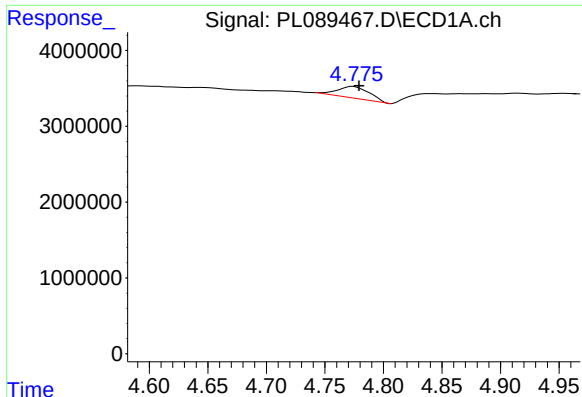
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

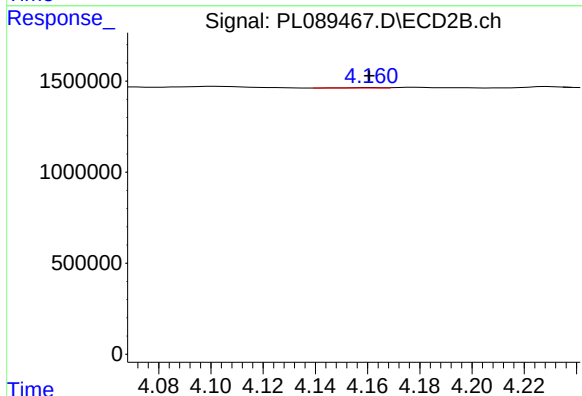
R.T.: 3.934 min  
Delta R.T.: 0.005 min  
Response: 155161  
Conc: 0.19 ng/ml



#7 delta-BHC

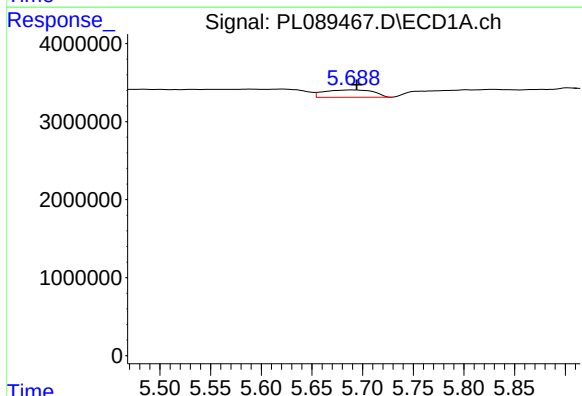
R.T.: 4.774 min  
Delta R.T.: -0.005 min  
Response: 2911864  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



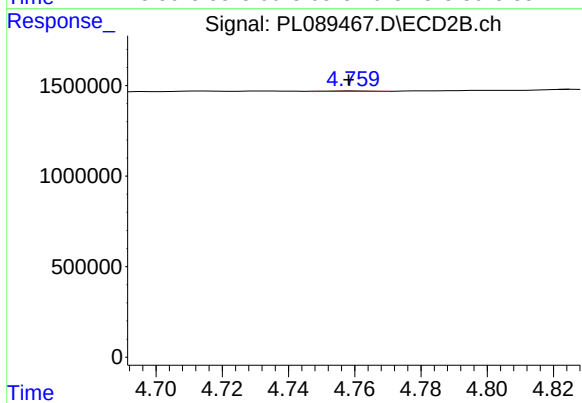
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.001 min  
Response: 24685  
Conc: 0.01 ng/ml



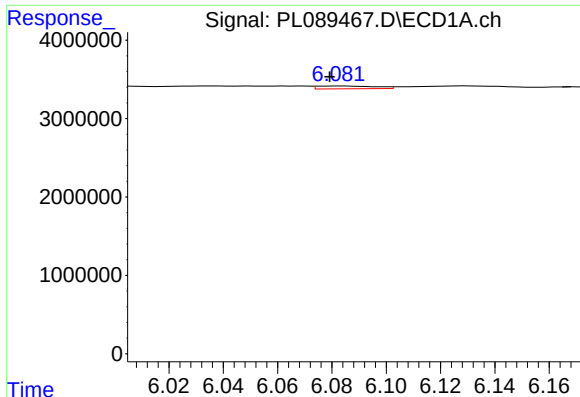
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.004 min  
Response: 3199994  
Conc: 1.36 ng/ml



#8 Heptachlor epoxide

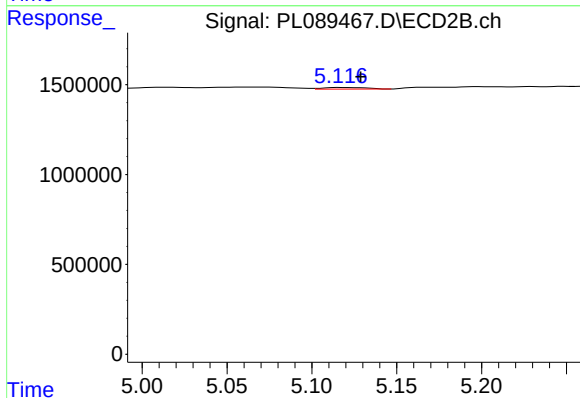
R.T.: 4.760 min  
Delta R.T.: 0.002 min  
Response: 19446  
Conc: 0.01 ng/ml



#9 Endosulfan I

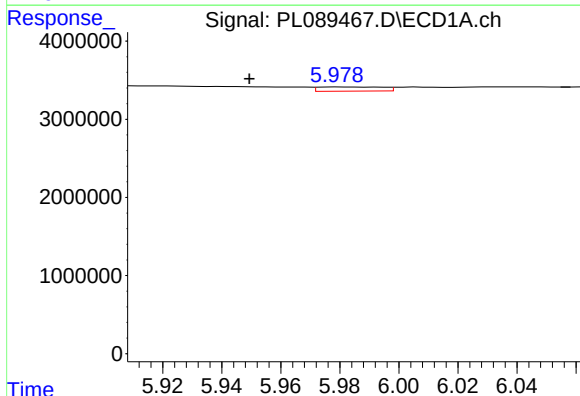
R.T.: 6.084 min  
Delta R.T.: 0.005 min  
Response: 540899  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



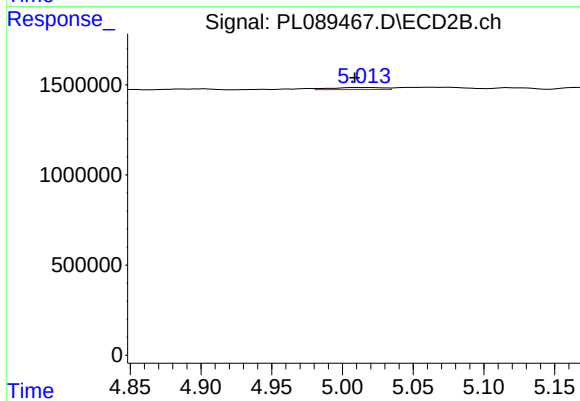
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: -0.012 min  
Response: 160079  
Conc: 0.11 ng/ml



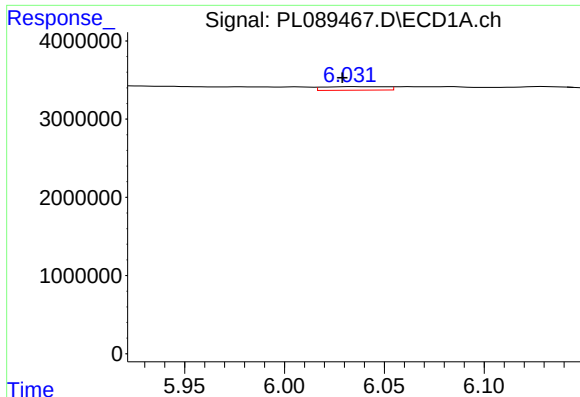
#10 gamma-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.030 min  
Response: 815189  
Conc: 0.36 ng/ml



#10 gamma-Chlordane

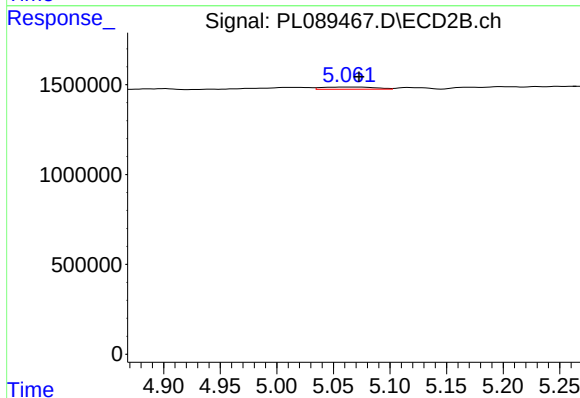
R.T.: 5.015 min  
Delta R.T.: 0.006 min  
Response: 305126  
Conc: 0.19 ng/ml



#11 alpha-Chlordane

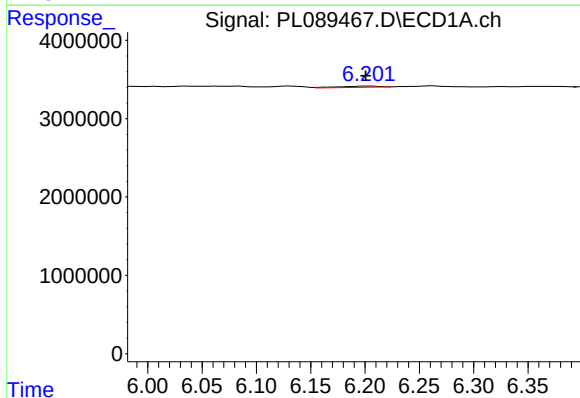
R.T.: 6.034 min  
Delta R.T.: 0.005 min  
Response: 991122  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



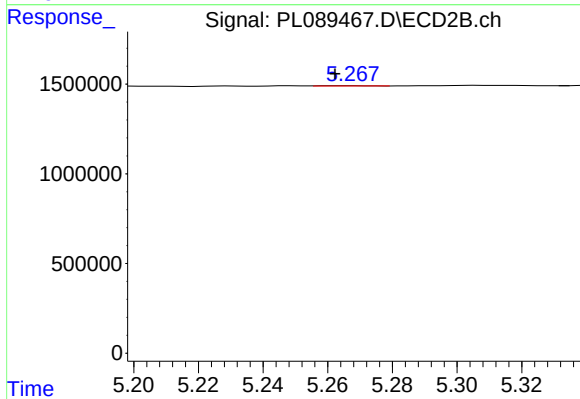
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.009 min  
Response: 406536  
Conc: 0.25 ng/ml



#12 4,4'-DDE

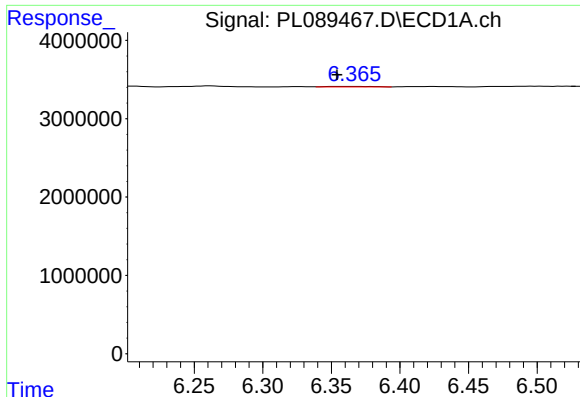
R.T.: 6.203 min  
Delta R.T.: 0.002 min  
Response: 409432  
Conc: 0.20 ng/ml



#12 4,4'-DDE

R.T.: 5.268 min  
Delta R.T.: 0.005 min  
Response: 13056  
Conc: 0.01 ng/ml

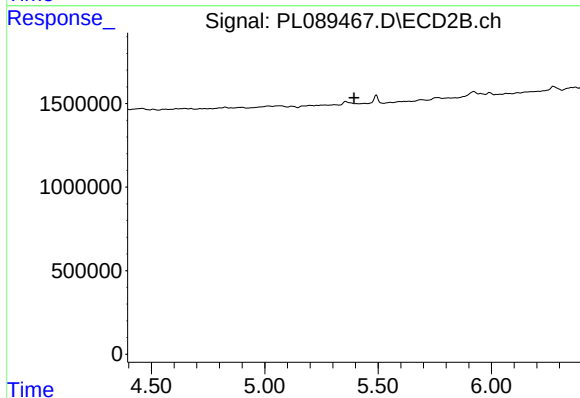




#13 Dieldrin

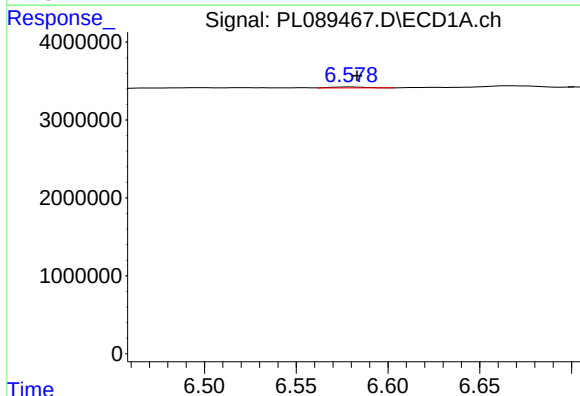
R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 143449  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



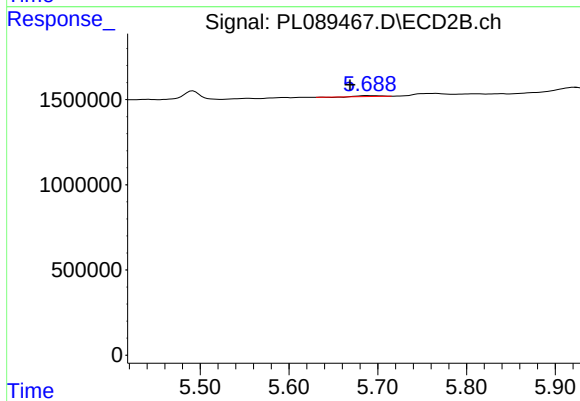
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.394 min  
Response: 0  
Conc: N.D.



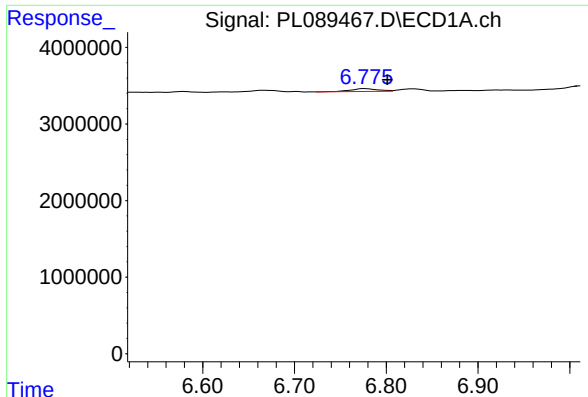
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: -0.003 min  
Response: 173658  
Conc: 0.09 ng/ml



#14 Endrin

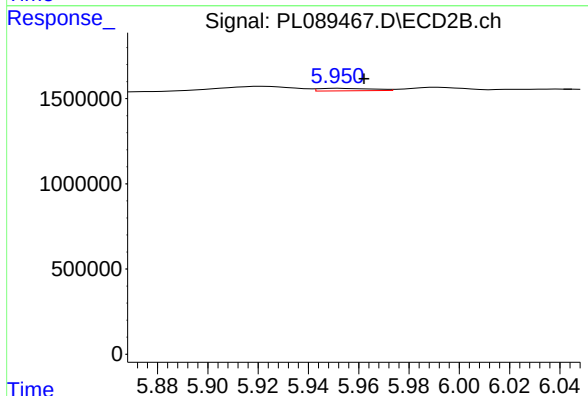
R.T.: 5.689 min  
Delta R.T.: 0.020 min  
Response: 70071  
Conc: 0.05 ng/ml



#15 Endosulfan II

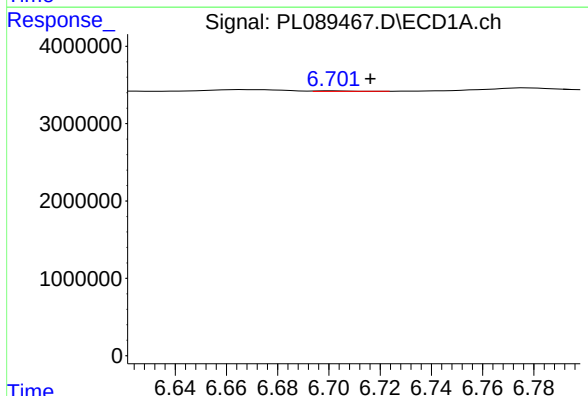
R.T.: 6.777 min  
Delta R.T.: -0.024 min  
Response: 816613  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



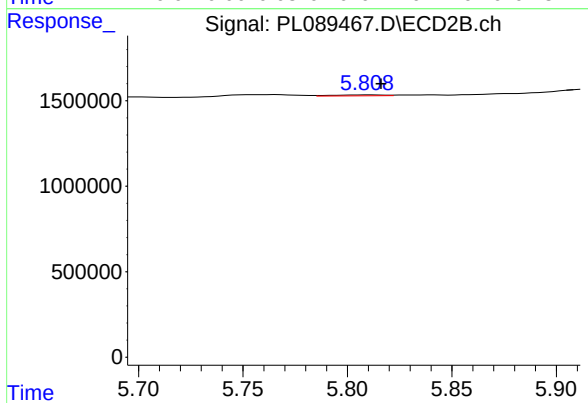
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: -0.010 min  
Response: 220751  
Conc: 0.15 ng/ml



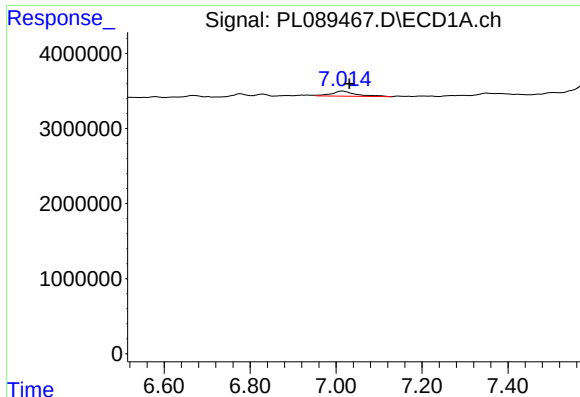
#16 4,4'-DDD

R.T.: 6.702 min  
Delta R.T.: -0.014 min  
Response: 57400  
Conc: 0.03 ng/ml



#16 4,4'-DDD

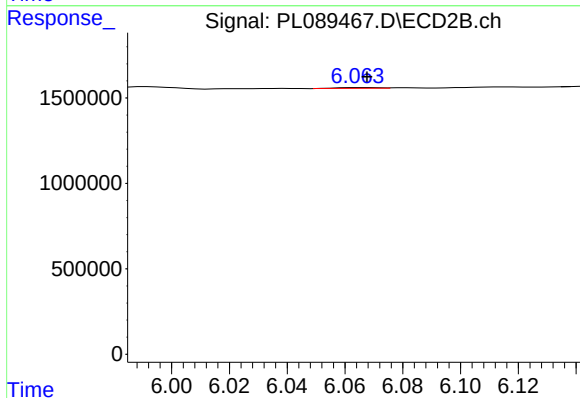
R.T.: 5.810 min  
Delta R.T.: -0.006 min  
Response: 94998  
Conc: 0.08 ng/ml



#17 4,4'-DDT

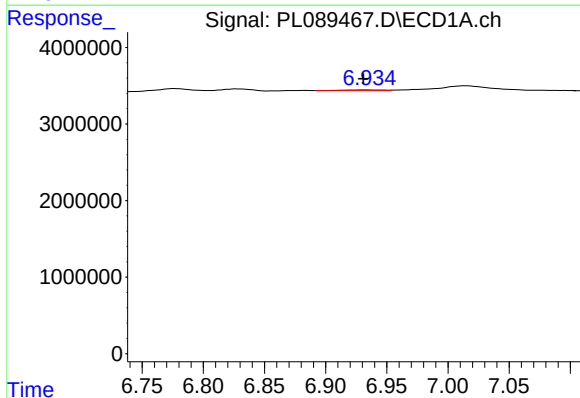
R.T.: 7.015 min  
Delta R.T.: -0.016 min  
Response: 2707651  
Conc: 1.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



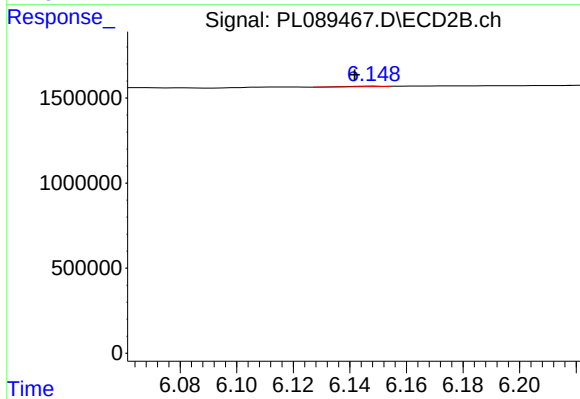
#17 4,4'-DDT

R.T.: 6.065 min  
Delta R.T.: -0.003 min  
Response: 47608  
Conc: 0.04 ng/ml



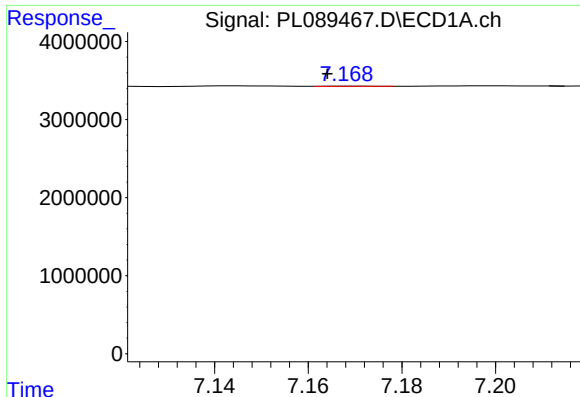
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.002 min  
Response: 204954  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

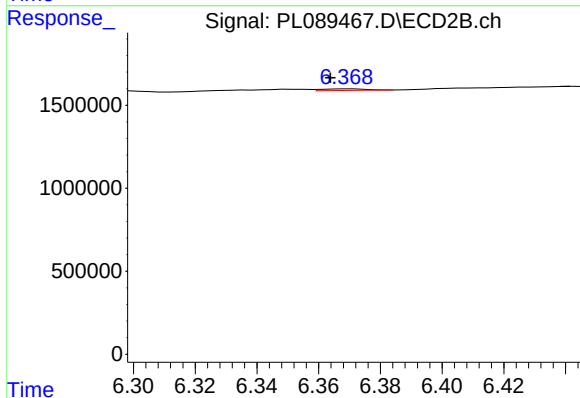
R.T.: 6.149 min  
Delta R.T.: 0.007 min  
Response: 27660  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

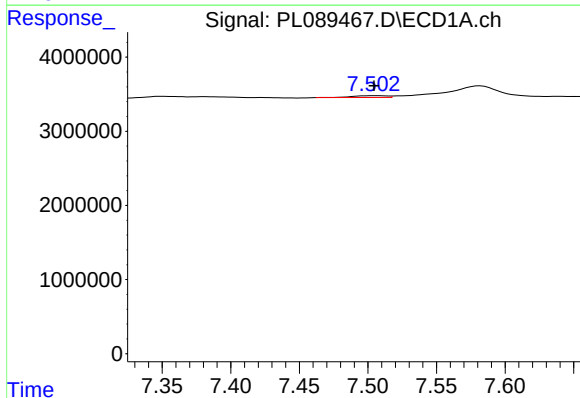
R.T.: 7.169 min  
Delta R.T.: 0.005 min  
Response: 25350  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



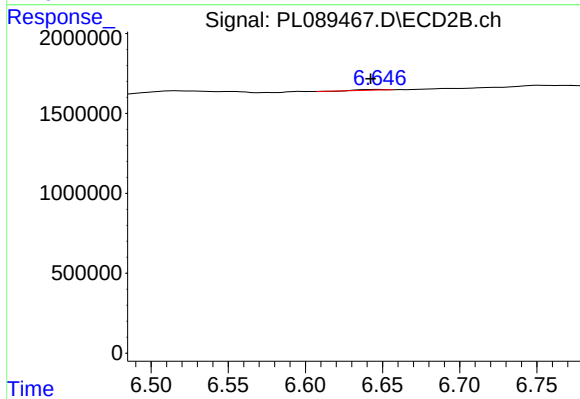
#19 Endosulfan Sulfate

R.T.: 6.370 min  
Delta R.T.: 0.007 min  
Response: 91967  
Conc: 0.07 ng/ml



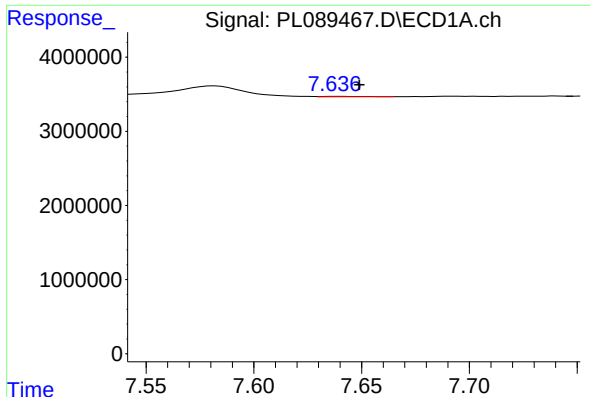
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 417800  
Conc: 0.42 ng/ml



#20 Methoxychlor

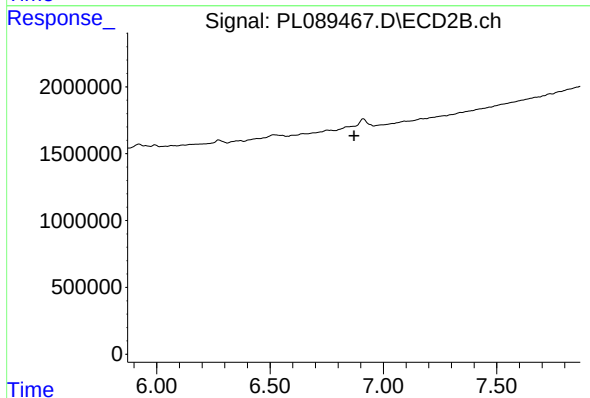
R.T.: 6.647 min  
Delta R.T.: 0.005 min  
Response: 36555  
Conc: 0.05 ng/ml



#21 Endrin ketone

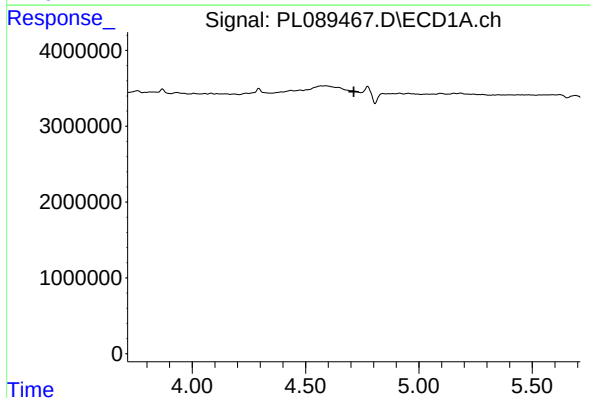
R.T.: 7.638 min  
Delta R.T.: -0.011 min  
Response: 79897  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



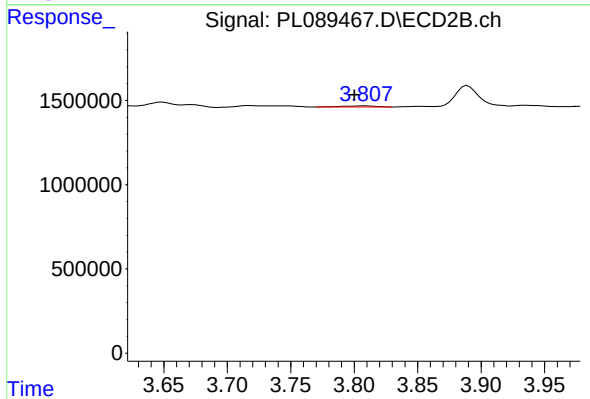
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



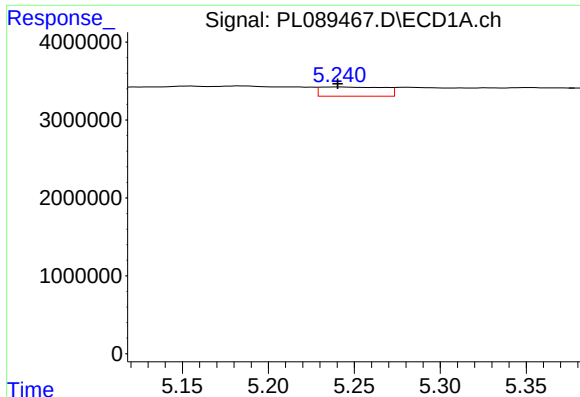
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.713 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

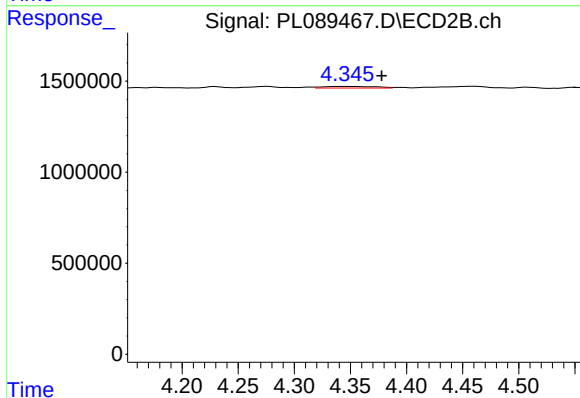
R.T.: 3.809 min  
Delta R.T.: 0.008 min  
Response: 114785  
Conc: 2.33 ng/ml



#24 Chlordane-2

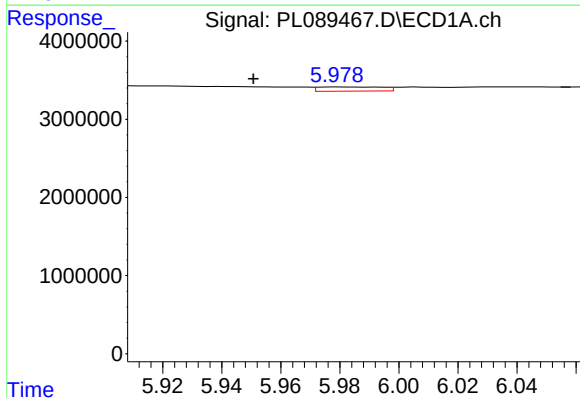
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 3064883  
Conc: 29.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



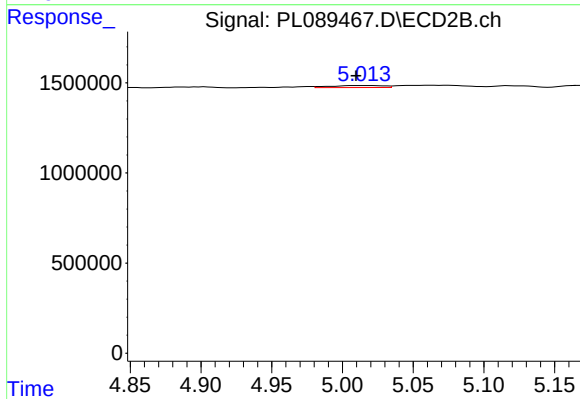
#24 Chlordane-2

R.T.: 4.347 min  
Delta R.T.: -0.032 min  
Response: 301278  
Conc: 4.74 ng/ml



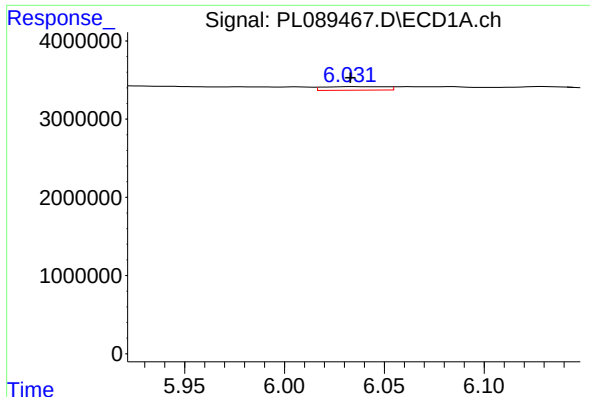
#25 Chlordane-3

R.T.: 5.979 min  
Delta R.T.: 0.029 min  
Response: 815189  
Conc: 2.47 ng/ml



#25 Chlordane-3

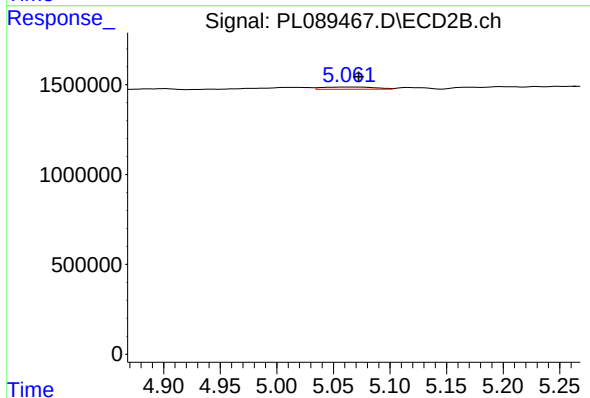
R.T.: 5.015 min  
Delta R.T.: 0.005 min  
Response: 305126  
Conc: 1.78 ng/ml



#26 Chlordane-4

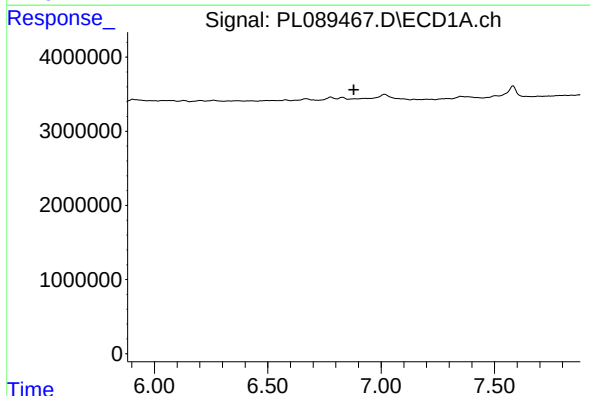
R.T.: 6.034 min  
Delta R.T.: 0.001 min  
Response: 991122  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS002-1224-01



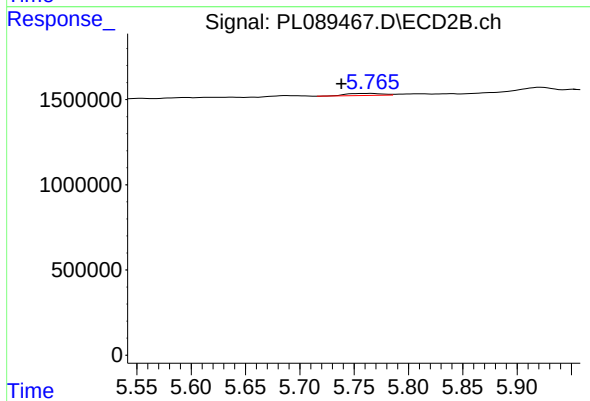
#26 Chlordane-4

R.T.: 5.064 min  
Delta R.T.: -0.009 min  
Response: 406536  
Conc: 2.53 ng/ml



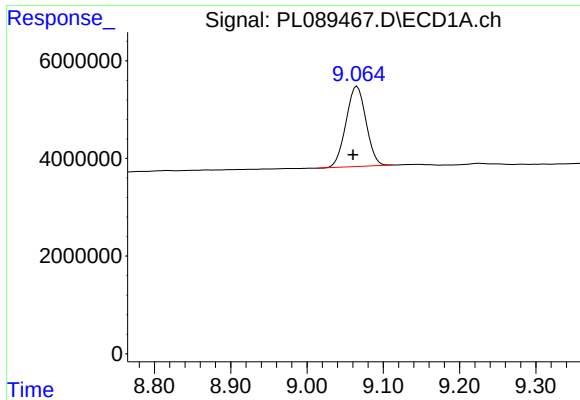
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.766 min  
Delta R.T.: 0.028 min  
Response: 277830  
Conc: 5.43 ng/ml



#28 Decachlorobiphenyl

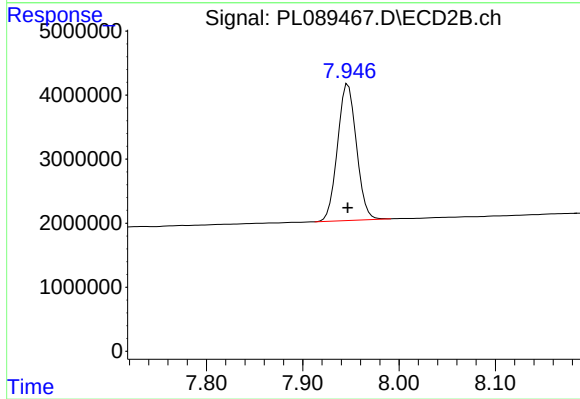
R.T.: 9.066 min  
Delta R.T.: 0.006 min  
Response: 29936668  
Conc: 21.40 ng/ml

Instrument :

ECD\_L

ClientSampleId :

1011UMR-SS002-1224-01



#28 Decachlorobiphenyl

R.T.: 7.947 min  
Delta R.T.: 0.000 min  
Response: 29006546  
Conc: 21.56 ng/ml