

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041624\  
 Data File : PL089058.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2024 15:00  
 Operator : AR\AJ  
 Sample : P1227-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-2-BACK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 06:17:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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  | 2.797  | 33778778 | 15804602 | 15.893  | 11.858 # |
| 28)                         | SA Decachlor... | 9.063  | 7.950  | 27072741 | 26803921 | 21.254  | 20.016   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.003  | 0.000  | 3507028  | 0        | 1.173   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.348  | 3.656f | 9526458  | 68823    | 3.302   | 0.036 #  |
| 4)                          | MA Heptachlor   | 4.928  | 3.975  | 930481   | 1327540  | 0.374   | 0.739 #  |
| 5)                          | MB Aldrin       | 5.298f | 4.270  | 2856658  | 1087945  | 1.101   | 0.593 #  |
| 6)                          | B beta-BHC      | 4.561f | 3.919  | 7917510  | 465888   | 5.900   | 0.557 #  |
| 7)                          | B delta-BHC     | 4.790  | 4.173  | 750470   | 702798   | 0.281   | 0.385 #  |
| 8)                          | B Heptachlo...  | 5.689  | 4.760  | 4454680  | 76105    | 1.888   | 0.046 #  |
| 10)                         | B gamma-Chl...  | 5.953  | 4.988f | 14497640 | 1812241  | 6.307   | 1.105 #  |
| 11)                         | B alpha-Chl...  | 6.035  | 5.074  | 35359408 | 10844153 | 15.445  | 6.557 #  |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.264  | 32706504 | 24849919 | 16.274  | 16.899   |
| 13)                         | MA Dieldrin     | 6.353  | 5.397  | 3836950  | 5354418  | 1.701   | 3.275 #  |
| 14)                         | MA Endrin       | 6.583  | 5.681  | 3942203  | 14295217 | 2.098   | 9.836 #  |
| 15)                         | B Endosulfa...  | 6.802  | 5.969  | 2131209  | 6027868  | 1.106   | 4.216 #  |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.818  | 15629676 | 2153115  | 9.697   | 1.778 #  |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.069  | 71645455 | 53206109 | 39.317  | 40.592   |
| 18)                         | B Endrin al...  | 6.957f | 6.163f | 1805508  | 1967934  | 1.234   | 1.791 #  |
| 19)                         | B Endosulfa...  | 7.147f | 6.365  | 2955960  | 3571157  | 1.722   | 2.642 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.620f | 0        | 5308495  | N.D.    | 7.102 #  |
| 21)                         | B Endrin ke...  | 7.625f | 0.000  | 12213533 | 0        | 6.333   | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.058  | 0        | 306817   | N.D.    | 0.232 #  |
| 23)                         | Chlordane-1     | 4.713  | 3.801  | 5494286  | 4384791  | 60.482  | 85.417 # |
| 24)                         | Chlordane-2     | 5.242  | 4.381  | 11606705 | 5624391  | 122.877 | 86.602 # |
| 25)                         | Chlordane-3     | 5.953  | 4.988f | 14497640 | 1812241  | 44.981  | 10.493 # |
| 26)                         | Chlordane-4     | 6.035  | 5.074  | 35359408 | 10844153 | 89.444  | 66.859 # |
| 27)                         | Chlordane-5     | 6.881  | 5.740  | 8530846  | 6172622  | 112.678 | 122.441  |
| -----                       |                 |        |        |          |          |         |          |

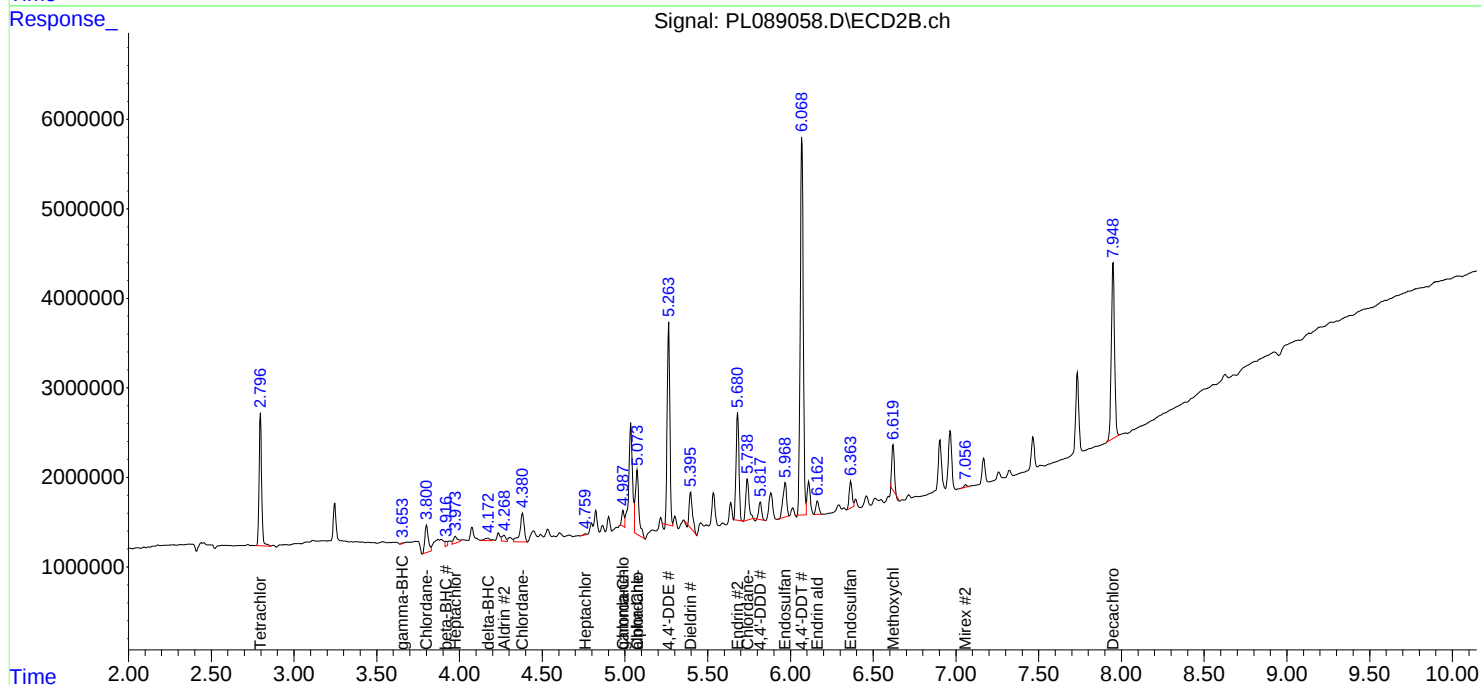
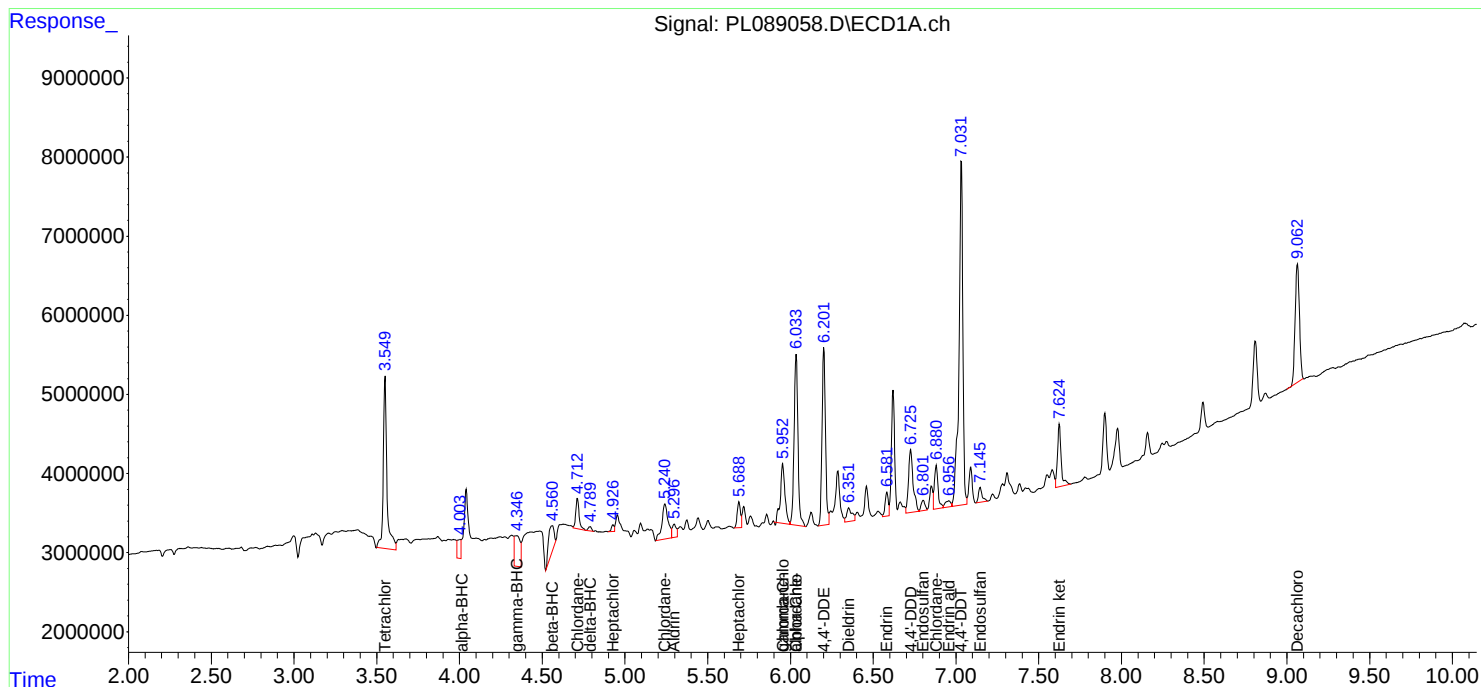
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

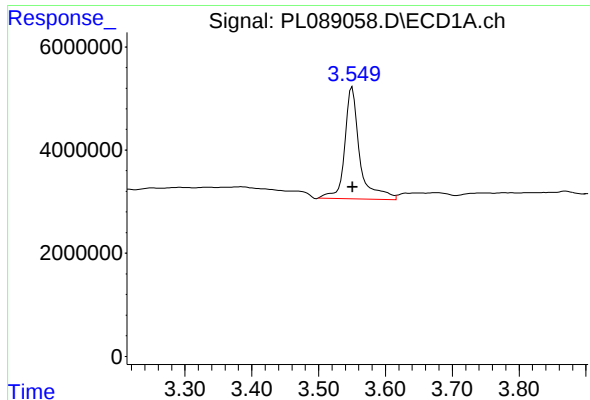
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041624\  
Data File : PL089058.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2024 15:00  
Operator : AR\AJ  
Sample : P1227-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 06:17:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

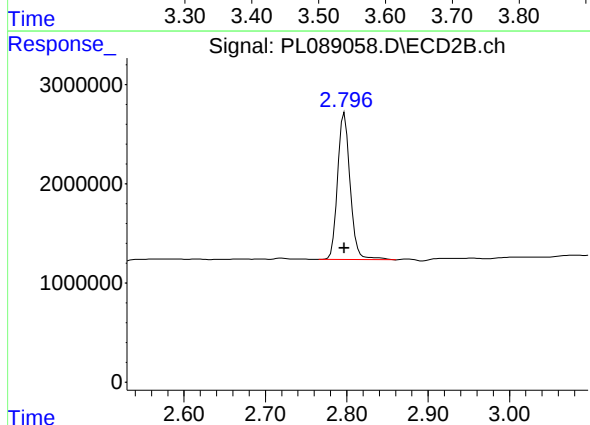




#1 Tetrachloro-m-xylene

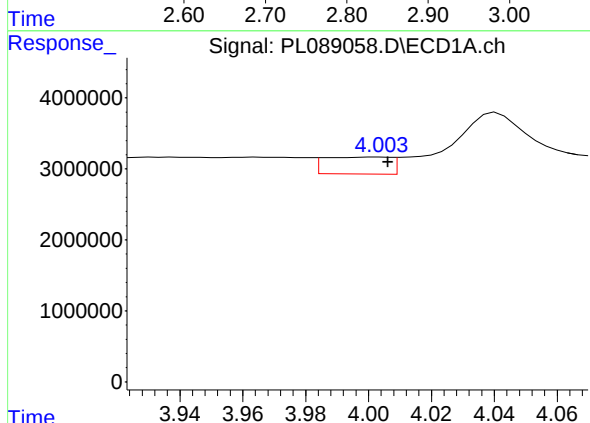
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 33778778  
Conc: 15.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



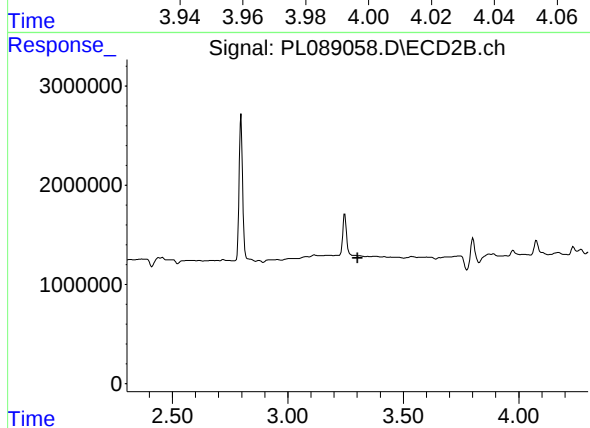
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 15804602  
Conc: 11.86 ng/ml



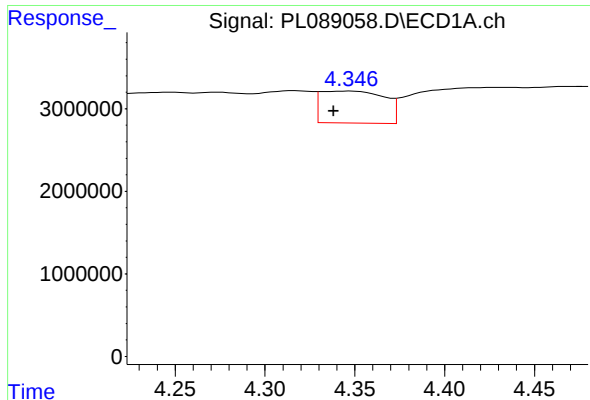
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.003 min  
Response: 3507028  
Conc: 1.17 ng/ml



#2 alpha-BHC

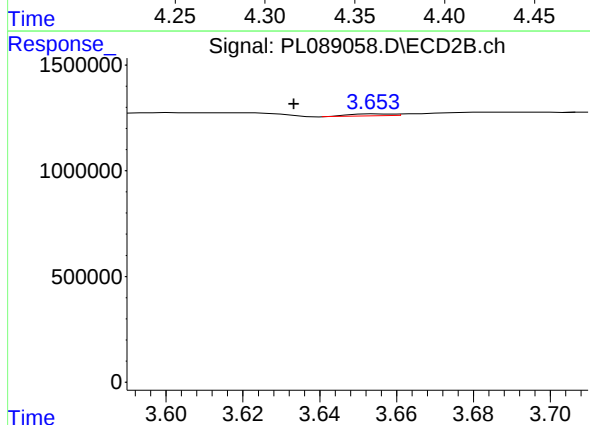
R.T.: 0.000 min  
Exp R.T.: 3.303 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

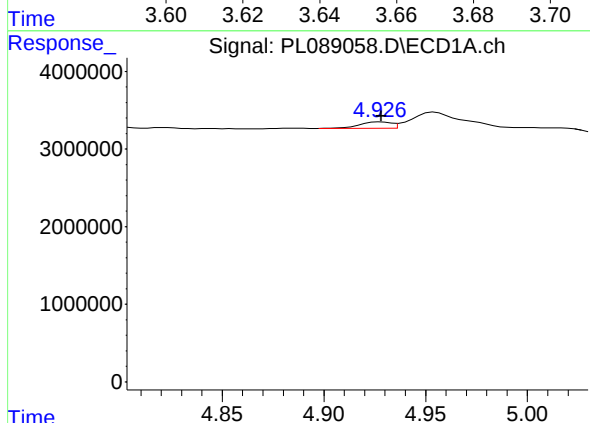
R.T.: 4.348 min  
Delta R.T.: 0.009 min  
Response: 9526458  
Conc: 3.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



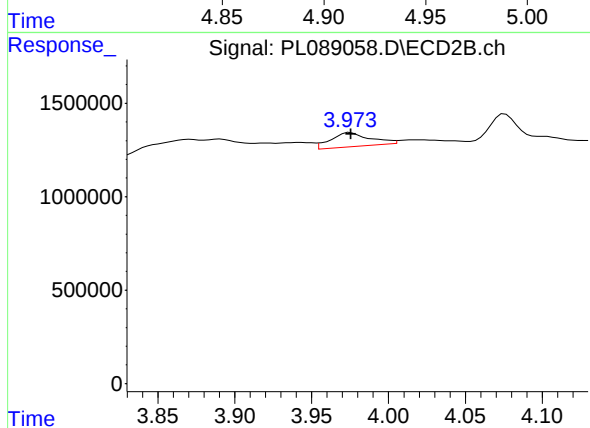
#3 gamma-BHC (Lindane)

R.T.: 3.656 min  
Delta R.T.: 0.022 min  
Response: 68823  
Conc: 0.04 ng/ml



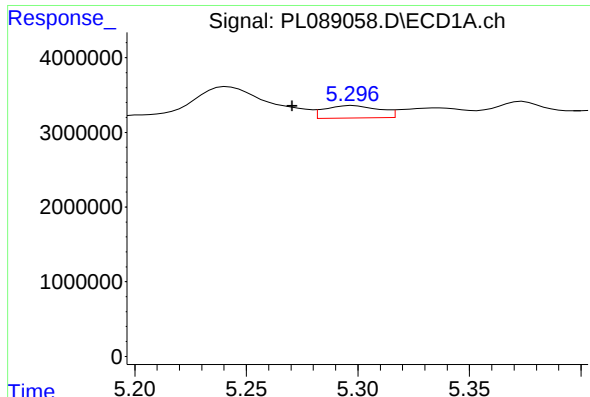
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 930481  
Conc: 0.37 ng/ml



#4 Heptachlor

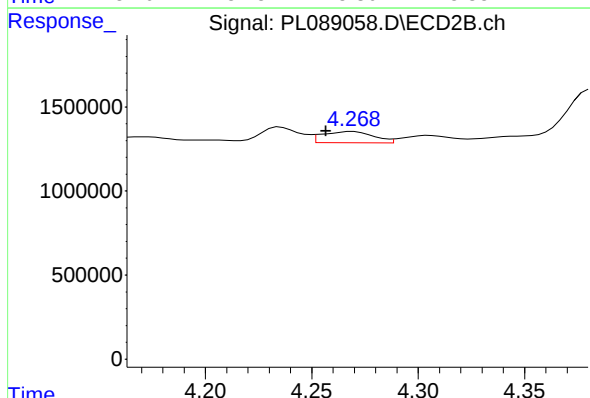
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 1327540  
Conc: 0.74 ng/ml



#5 Aldrin

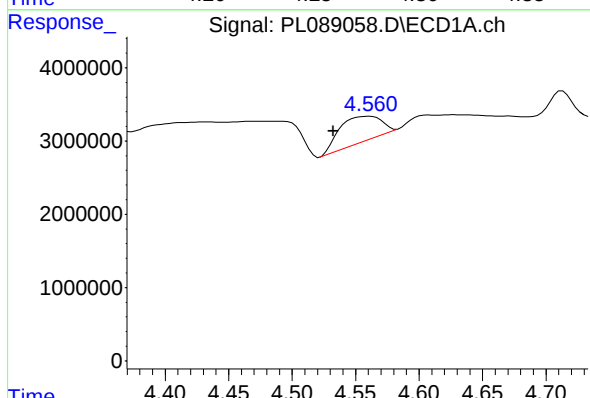
R.T.: 5.298 min  
Delta R.T.: 0.027 min  
Response: 2856658  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



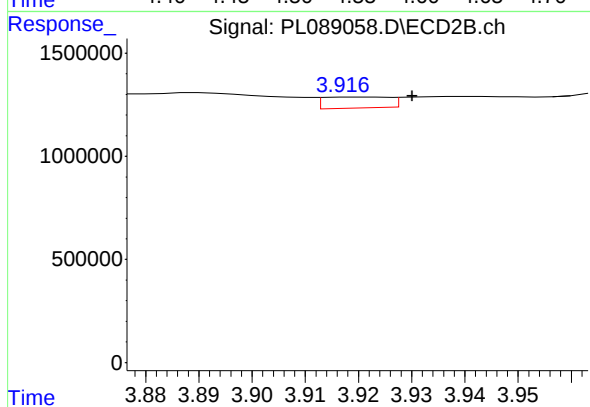
#5 Aldrin

R.T.: 4.270 min  
Delta R.T.: 0.013 min  
Response: 1087945  
Conc: 0.59 ng/ml



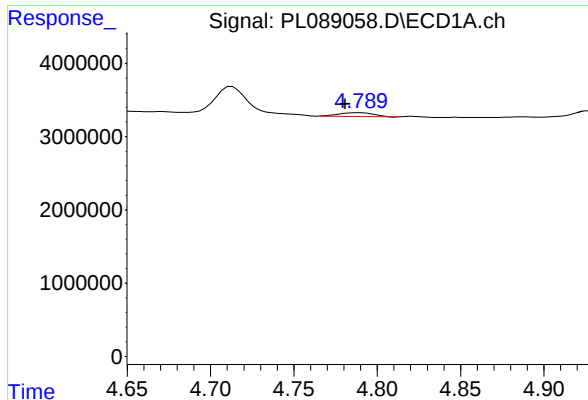
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.029 min  
Response: 7917510  
Conc: 5.90 ng/ml



#6 beta-BHC

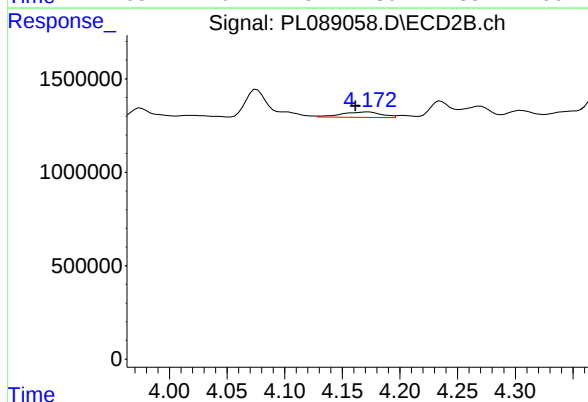
R.T.: 3.919 min  
Delta R.T.: -0.011 min  
Response: 465888  
Conc: 0.56 ng/ml



#7 delta-BHC

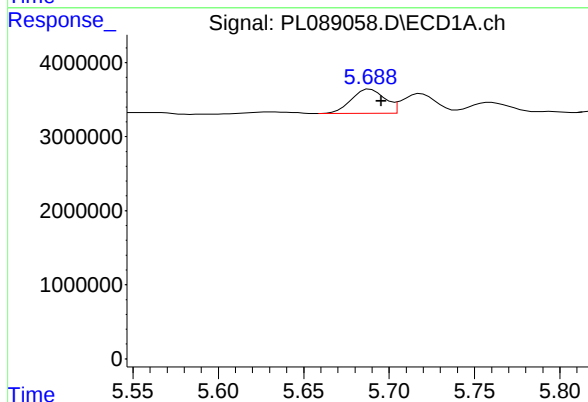
R.T.: 4.790 min  
Delta R.T.: 0.009 min  
Response: 750470  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



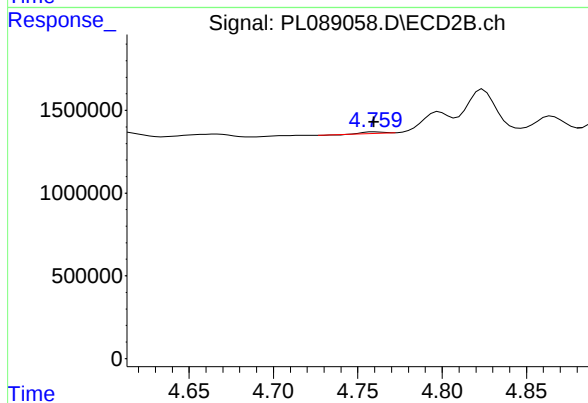
#7 delta-BHC

R.T.: 4.173 min  
Delta R.T.: 0.011 min  
Response: 702798  
Conc: 0.38 ng/ml



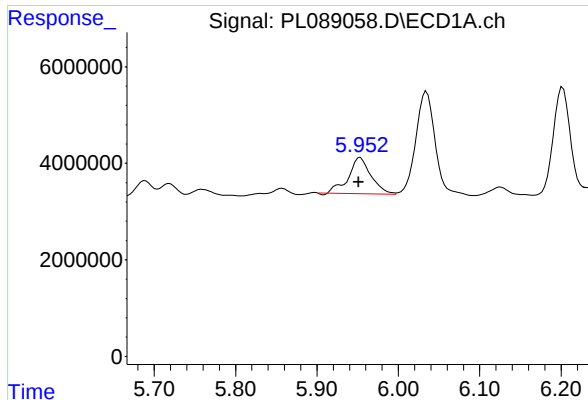
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.007 min  
Response: 4454680  
Conc: 1.89 ng/ml



#8 Heptachlor epoxide

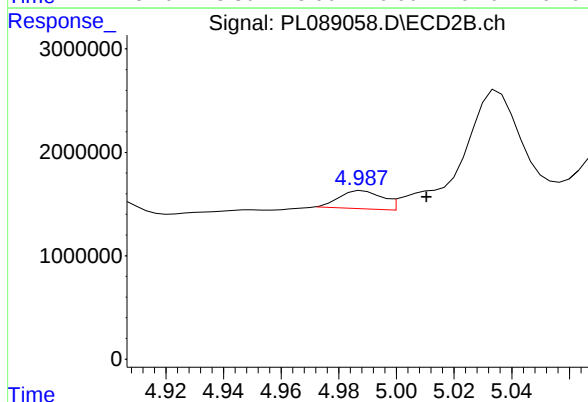
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 76105  
Conc: 0.05 ng/ml



#10 gamma-Chlordane

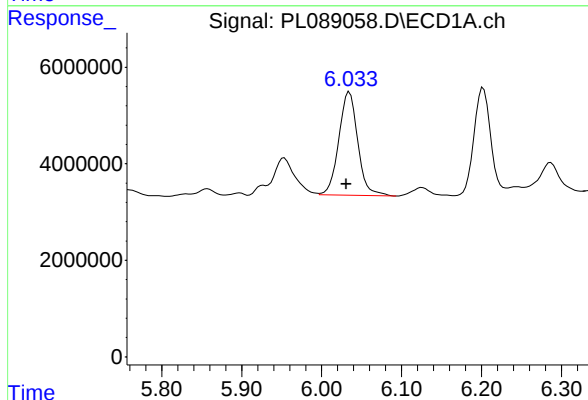
R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 14497640  
Conc: 6.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



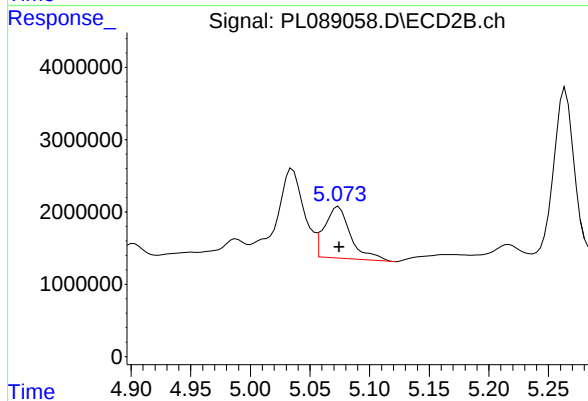
#10 gamma-Chlordane

R.T.: 4.988 min  
Delta R.T.: -0.022 min  
Response: 1812241  
Conc: 1.10 ng/ml



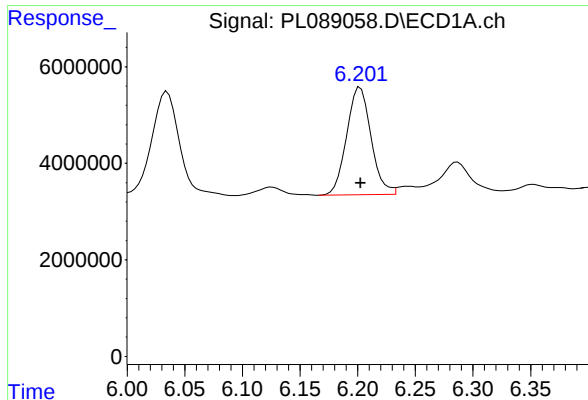
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: 0.004 min  
Response: 35359408  
Conc: 15.44 ng/ml



#11 alpha-Chlordane

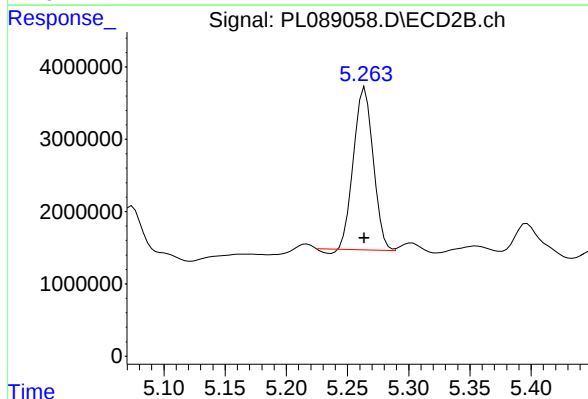
R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 10844153  
Conc: 6.56 ng/ml



#12 4,4'-DDE

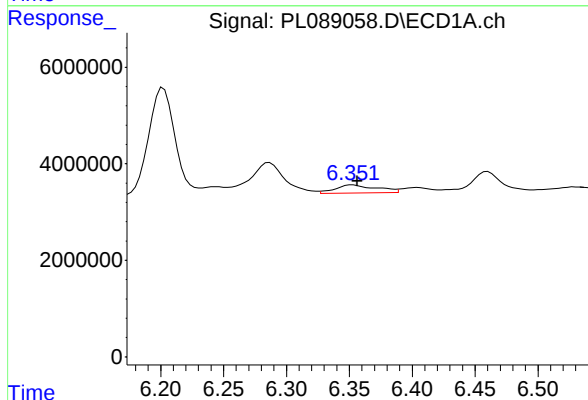
R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 32706504  
Conc: 16.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



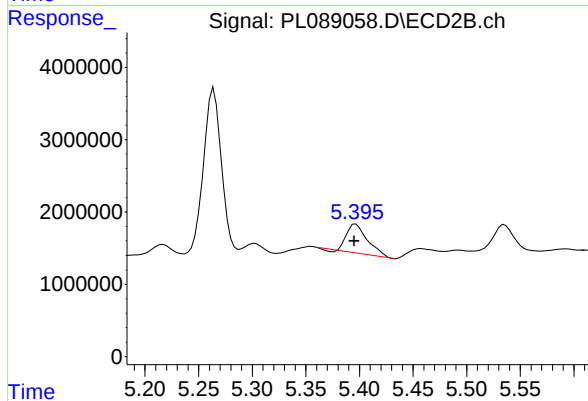
#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 24849919  
Conc: 16.90 ng/ml



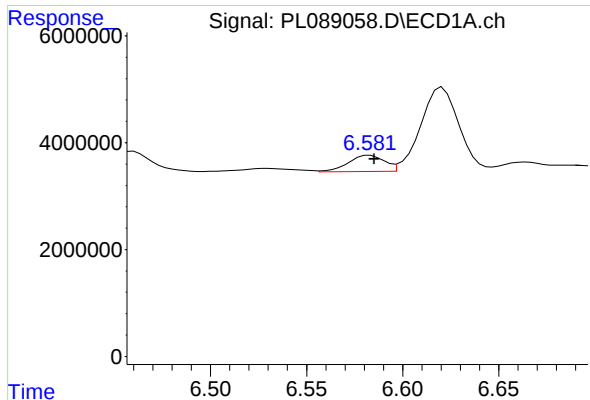
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 3836950  
Conc: 1.70 ng/ml



#13 Dieldrin

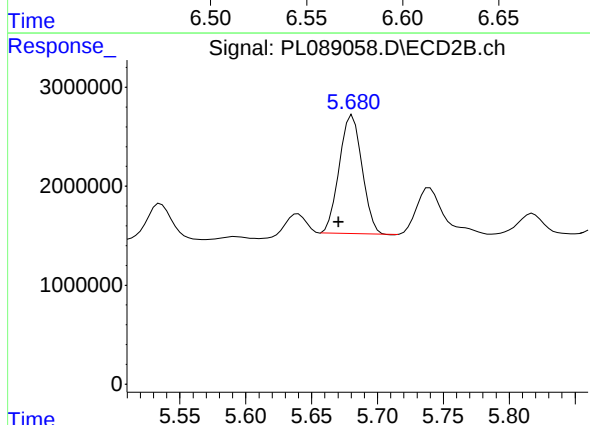
R.T.: 5.397 min  
Delta R.T.: 0.002 min  
Response: 5354418  
Conc: 3.28 ng/ml



#14 Endrin

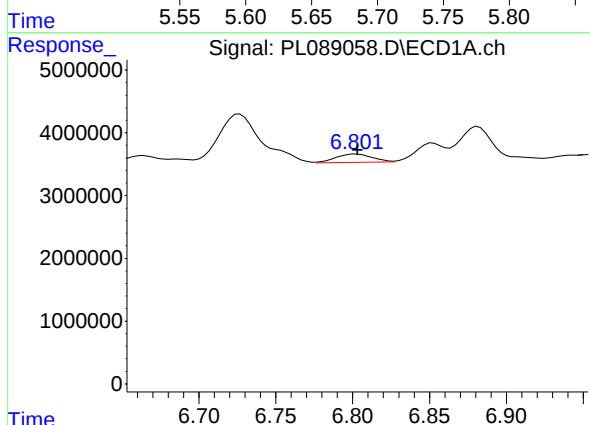
R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 3942203  
Conc: 2.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



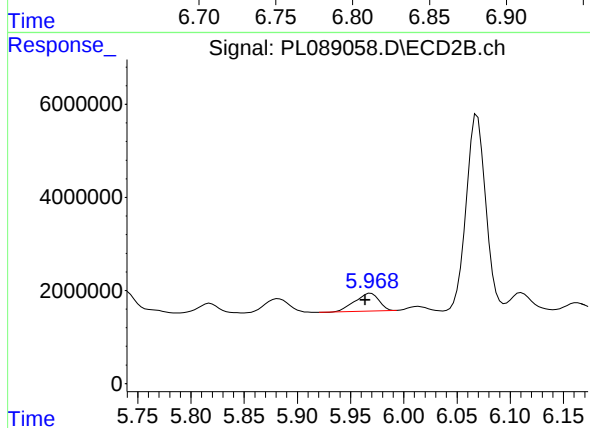
#14 Endrin

R.T.: 5.681 min  
Delta R.T.: 0.011 min  
Response: 14295217  
Conc: 9.84 ng/ml



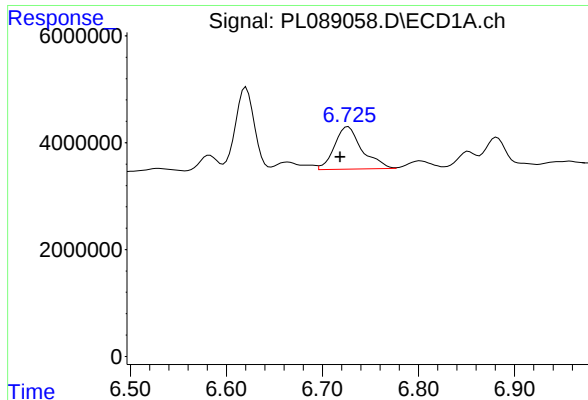
#15 Endosulfan II

R.T.: 6.802 min  
Delta R.T.: -0.001 min  
Response: 2131209  
Conc: 1.11 ng/ml



#15 Endosulfan II

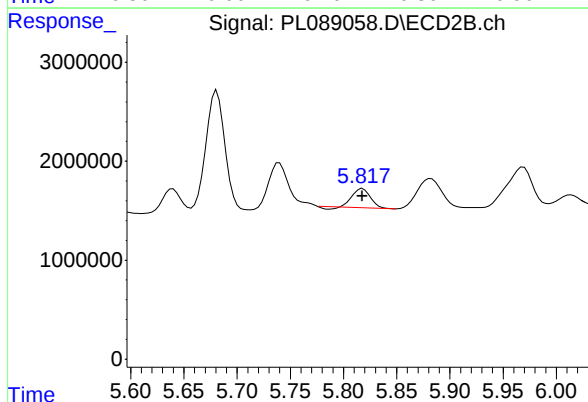
R.T.: 5.969 min  
Delta R.T.: 0.005 min  
Response: 6027868  
Conc: 4.22 ng/ml



#16 4,4'-DDD

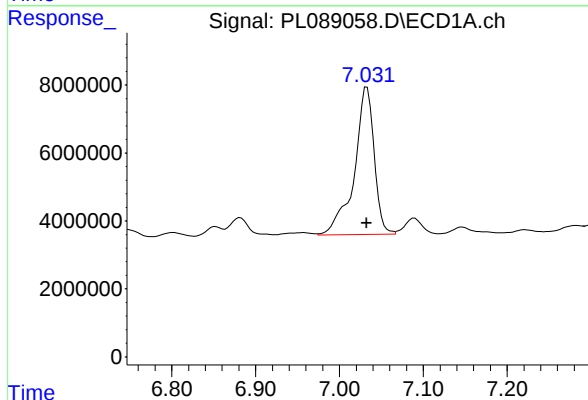
R.T.: 6.727 min  
Delta R.T.: 0.008 min  
Response: 15629676  
Conc: 9.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



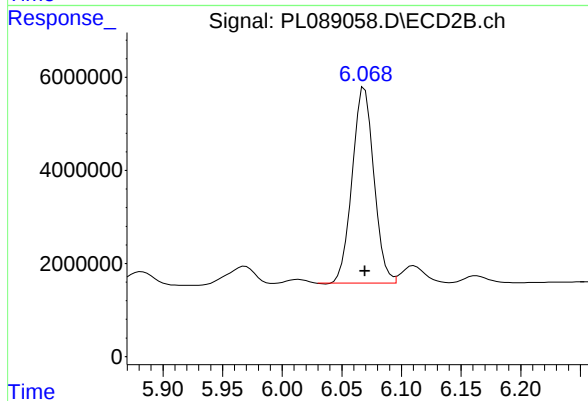
#16 4,4'-DDD

R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 2153115  
Conc: 1.78 ng/ml



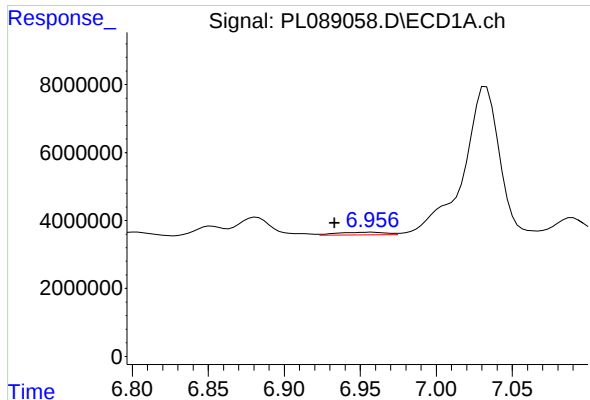
#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 71645455  
Conc: 39.32 ng/ml



#17 4,4'-DDT

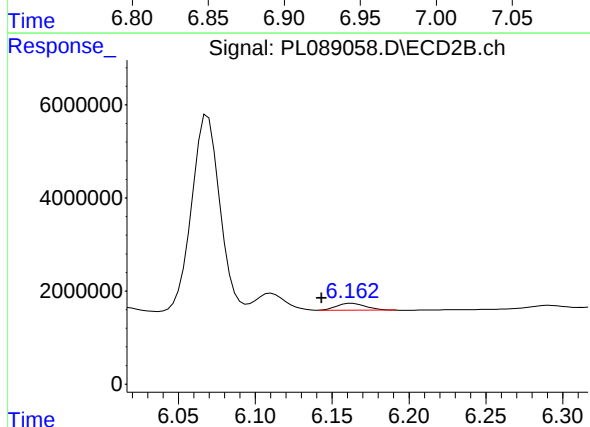
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 53206109  
Conc: 40.59 ng/ml



#18 Endrin aldehyde

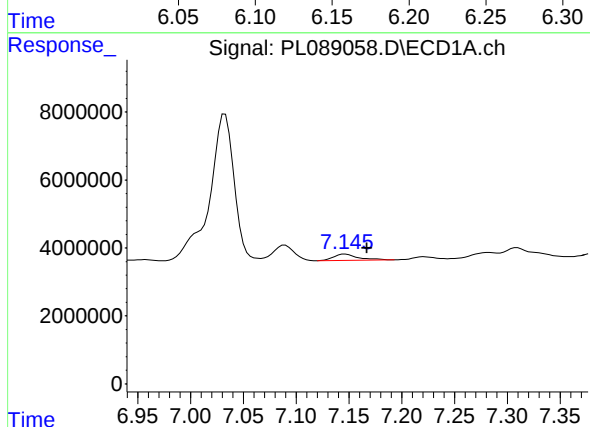
R.T.: 6.957 min  
Delta R.T.: 0.024 min  
Response: 1805508  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



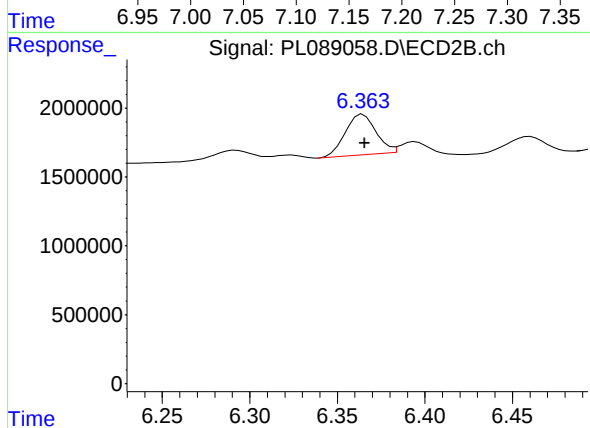
#18 Endrin aldehyde

R.T.: 6.163 min  
Delta R.T.: 0.020 min  
Response: 1967934  
Conc: 1.79 ng/ml



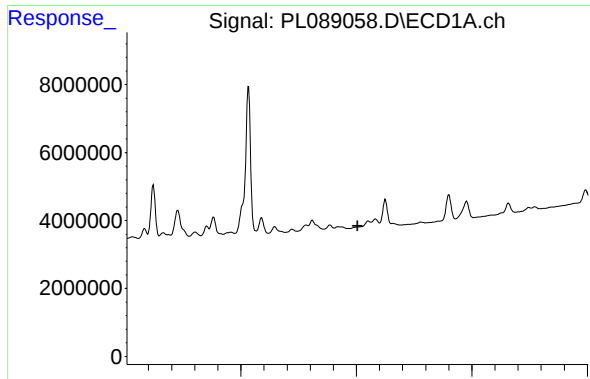
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.020 min  
Response: 2955960  
Conc: 1.72 ng/ml



#19 Endosulfan Sulfate

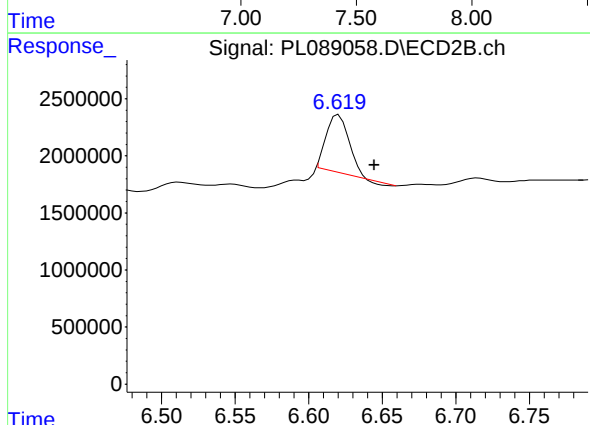
R.T.: 6.365 min  
Delta R.T.: 0.000 min  
Response: 3571157  
Conc: 2.64 ng/ml



#20 Methoxychlor

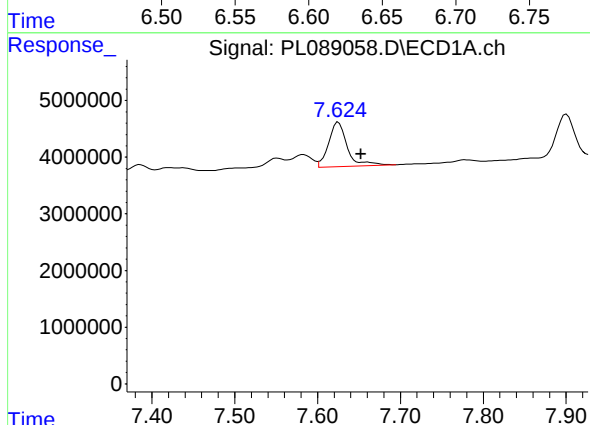
R.T.: 0.000 min  
Exp R.T.: 7.506 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



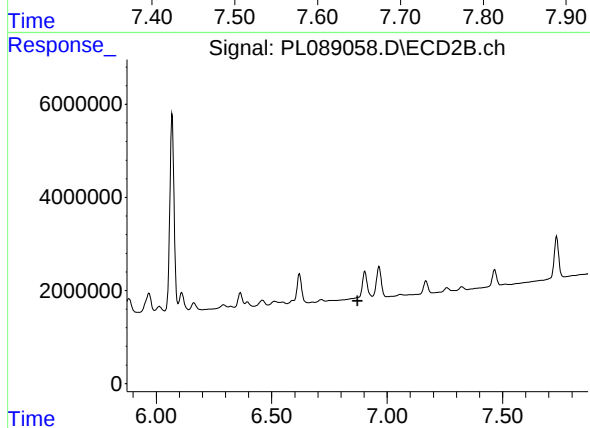
#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.024 min  
Response: 5308495  
Conc: 7.10 ng/ml



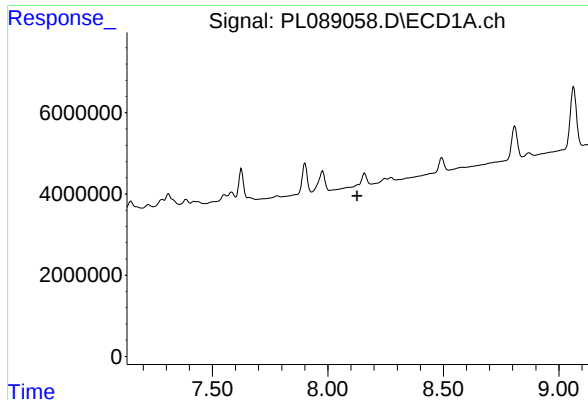
#21 Endrin ketone

R.T.: 7.625 min  
Delta R.T.: -0.027 min  
Response: 12213533  
Conc: 6.33 ng/ml



#21 Endrin ketone

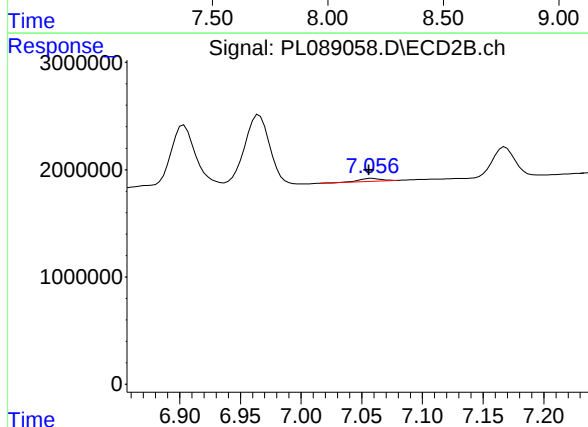
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.



#22 Mirex

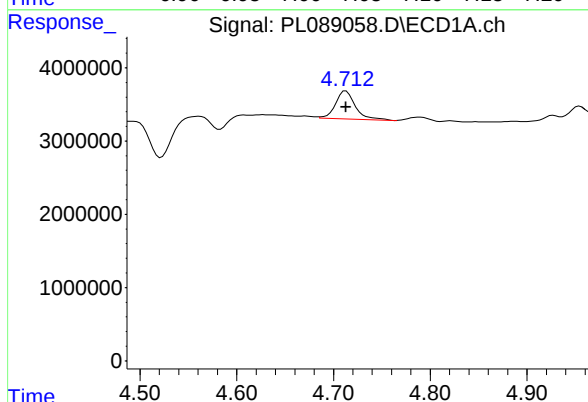
R.T.: 0.000 min  
Exp R.T.: 8.127 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



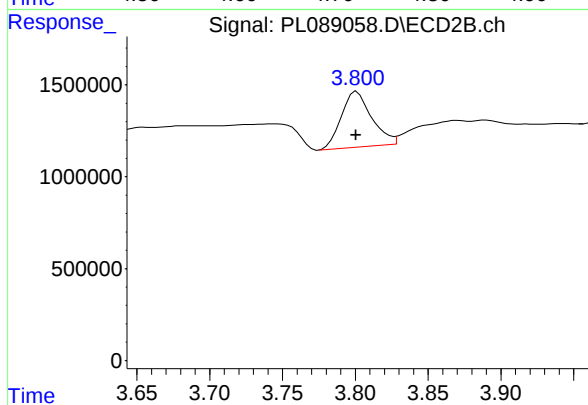
#22 Mirex

R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 306817  
Conc: 0.23 ng/ml



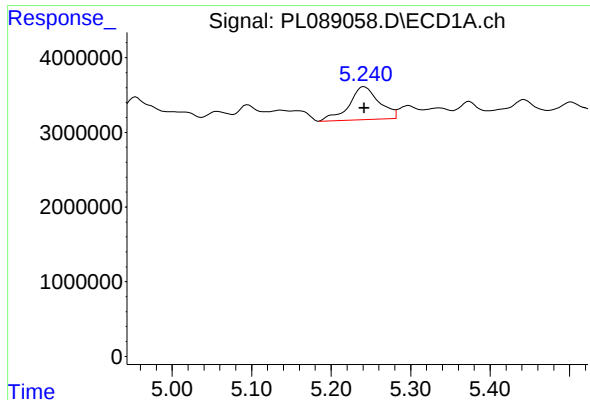
#23 Chlordane-1

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 5494286  
Conc: 60.48 ng/ml



#23 Chlordane-1

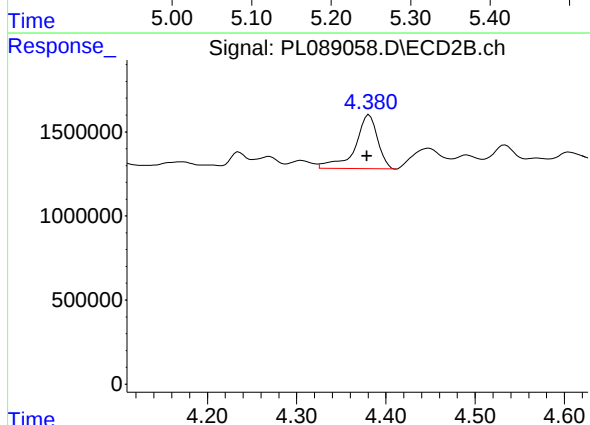
R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 4384791  
Conc: 85.42 ng/ml



#24 Chlordane-2

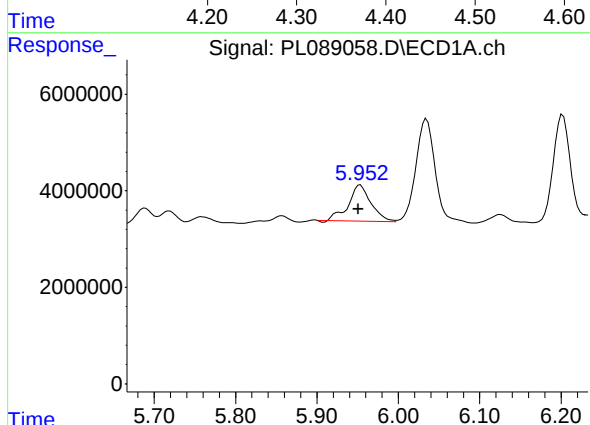
R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 11606705  
Conc: 122.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



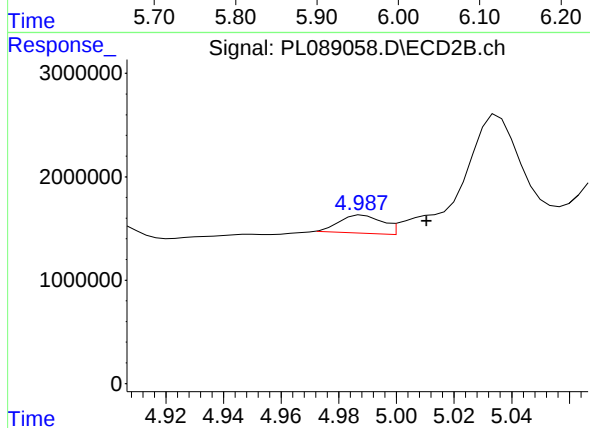
#24 Chlordane-2

R.T.: 4.381 min  
Delta R.T.: 0.002 min  
Response: 5624391  
Conc: 86.60 ng/ml



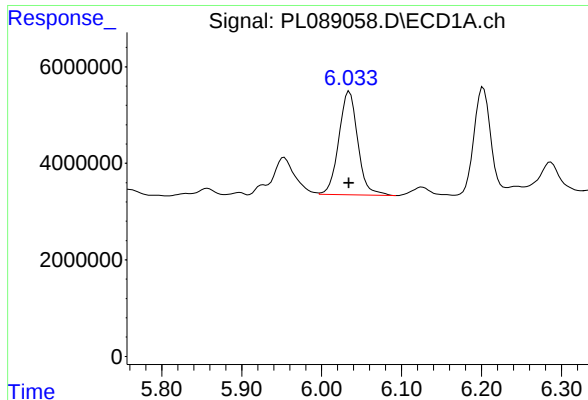
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 14497640  
Conc: 44.98 ng/ml



#25 Chlordane-3

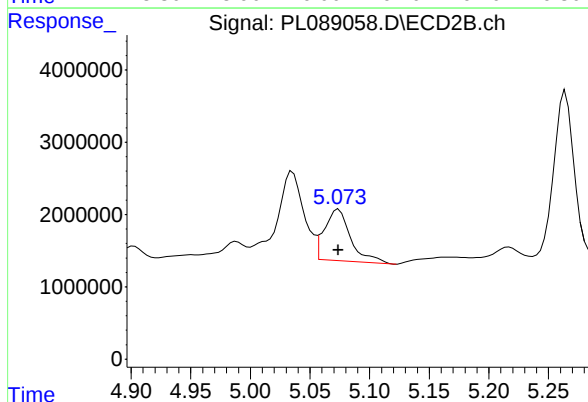
R.T.: 4.988 min  
Delta R.T.: -0.022 min  
Response: 1812241  
Conc: 10.49 ng/ml



#26 Chlordane-4

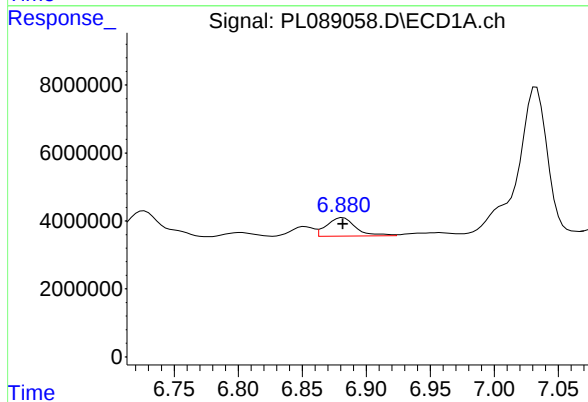
R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 35359408  
Conc: 89.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



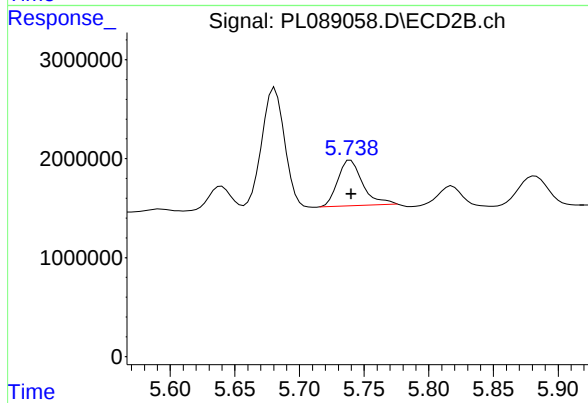
#26 Chlordane-4

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 10844153  
Conc: 66.86 ng/ml



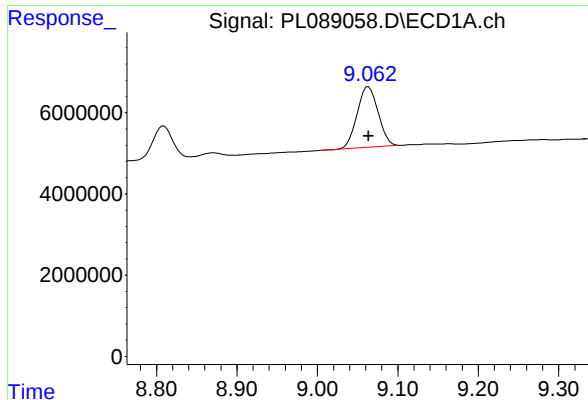
#27 Chlordane-5

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 8530846  
Conc: 112.68 ng/ml



#27 Chlordane-5

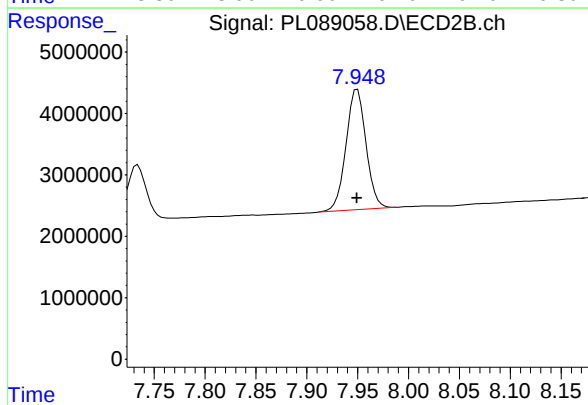
R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 6172622  
Conc: 122.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 27072741  
Conc: 21.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-2-BACK



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 26803921  
Conc: 20.02 ng/ml