

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042224\  
 Data File : PL089129.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2024 19:20  
 Operator : AR\AJ  
 Sample : P2199-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 STOCK-PILEMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:36:08 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 | 46272547 | 27069549 | 21.772   | 20.309    |
| 28)                         | SA Decachlor... | 9.061  | 7.950 | 26438762 | 25147571 | 20.756   | 18.779    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.006  | 3.303 | 146.3E6  | 100.8E6  | 48.941   | 50.944    |
| 3)                          | MA gamma-BHC... | 4.338  | 3.634 | 157.0E6  | 100.3E6  | 54.414   | 52.138    |
| 4)                          | MA Heptachlor   | 4.928  | 3.976 | 120.4E6  | 91072312 | 48.404   | 50.679    |
| 5)                          | MB Aldrin       | 5.270  | 4.257 | 135.8E6  | 89415935 | 52.333   | 48.744    |
| 6)                          | B beta-BHC      | 4.534  | 3.931 | 54029295 | 44834162 | 40.264   | 53.645 #  |
| 7)                          | B delta-BHC     | 4.780  | 4.162 | 130.3E6  | 91056630 | 48.733   | 49.873    |
| 8)                          | B Heptachlo...  | 5.695  | 4.760 | 122.2E6  | 84356292 | 51.790   | 50.797    |
| 9)                          | A Endosulfan I  | 6.080  | 5.132 | 107.9E6  | 58536030 | 49.339   | 38.948    |
| 10)                         | B gamma-Chl...  | 5.950  | 5.011 | 146.2E6  | 123.1E6  | 63.598   | 75.021    |
| 11)                         | B alpha-Chl...  | 6.031  | 5.075 | 168.7E6  | 107.2E6  | 73.680   | 64.830    |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.264 | 109.1E6  | 117.3E6  | 54.303   | 79.760 #  |
| 13)                         | MA Dieldrin     | 6.355  | 5.396 | 117.3E6  | 103.1E6  | 52.023   | 63.092    |
| 14)                         | MA Endrin       | 6.584  | 5.671 | 87876002 | 81934618 | 46.758   | 56.376    |
| 15)                         | B Endosulfa...  | 6.802  | 5.965 | 93302750 | 80301705 | 48.437   | 56.169    |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.818 | 103.7E6  | 63268444 | 64.334   | 52.246    |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.069 | 115.4E6  | 91232156 | 63.308   | 69.603    |
| 18)                         | B Endrin al...  | 6.932  | 6.144 | 53052105 | 45740791 | 36.247   | 41.622    |
| 19)                         | B Endosulfa...  | 7.166  | 6.366 | 83061418 | 65353040 | 48.381   | 48.346    |
| 20)                         | A Methoxychlor  | 7.506  | 6.645 | 46192299 | 34259807 | 52.425   | 45.837    |
| 21)                         | B Endrin ke...  | 7.651  | 6.873 | 101.8E6  | 70918937 | 52.786   | 44.808    |
| 22)                         | Mirex           | 8.126  | 7.056 | 84896173 | 57772409 | 57.805   | 43.697    |
| 23)                         | Chlordane-1     | 4.706  | 3.800 | 7210972  | 1973744  | 79.379   | 38.449 #  |
| 24)                         | Chlordane-2     | 5.270f | 4.381 | 135.8E6  | 5317577  | 1438.034 | 81.878 #  |
| 25)                         | Chlordane-3     | 5.950  | 5.011 | 146.2E6  | 123.1E6  | 453.607  | 712.563 # |
| 26)                         | Chlordane-4     | 6.031  | 5.075 | 168.7E6  | 107.2E6  | 426.691  | 660.999 # |
| 27)                         | Chlordane-5     | 0.000  | 5.741 | 0        | 8725588  | N.D.     | 173.082 # |
| -----                       |                 |        |       |          |          |          |           |

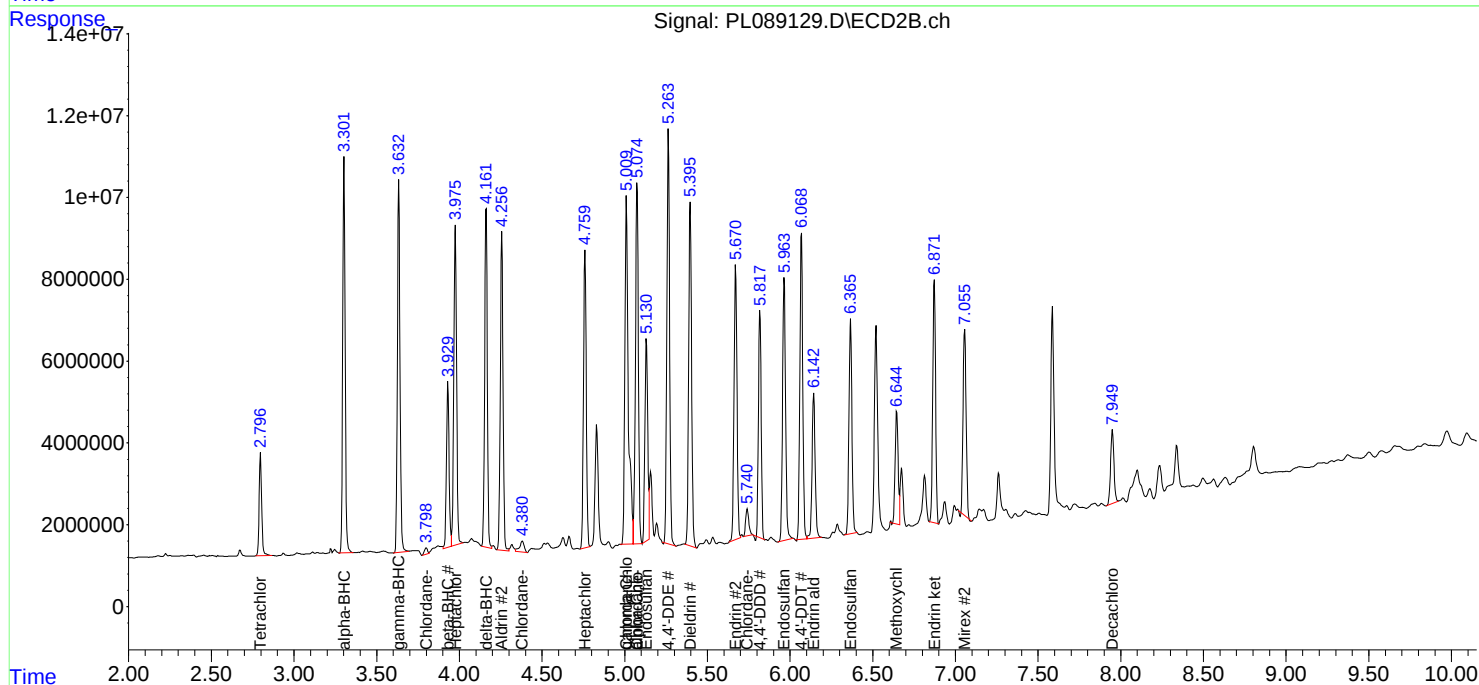
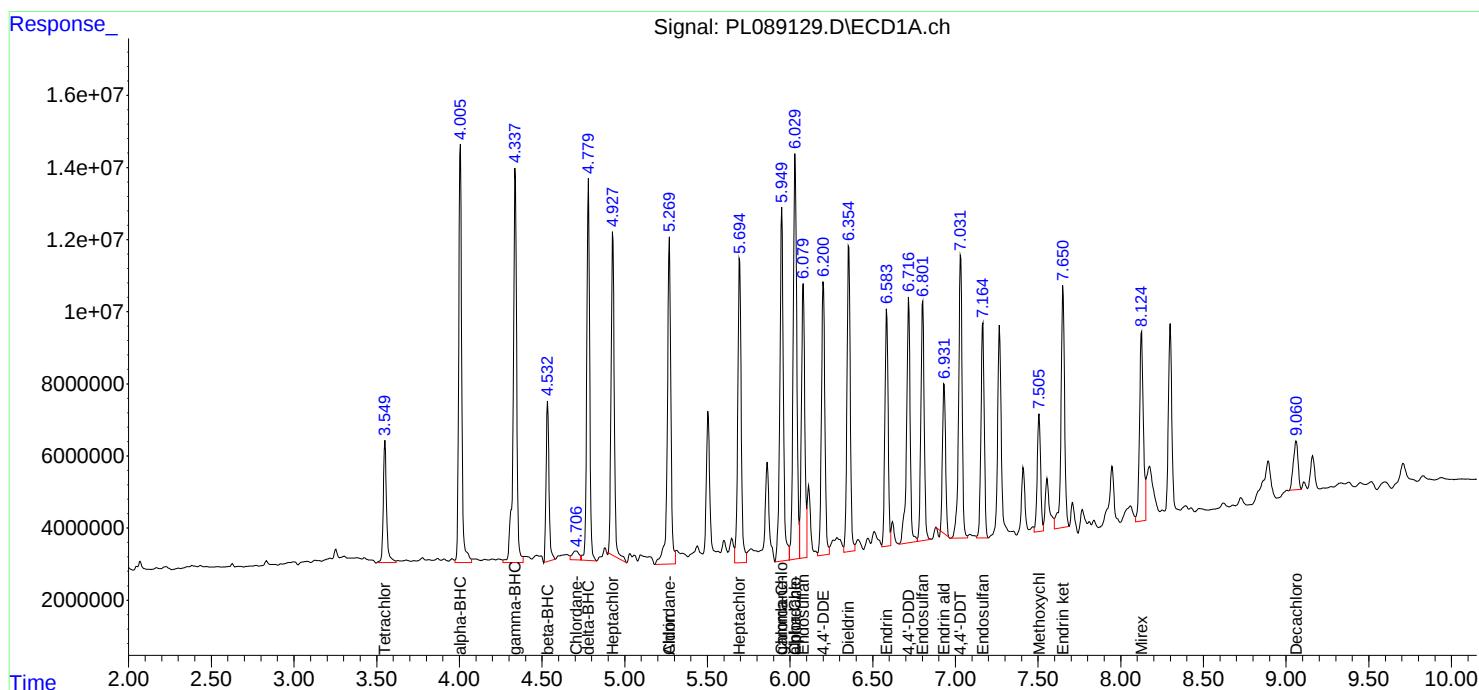
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

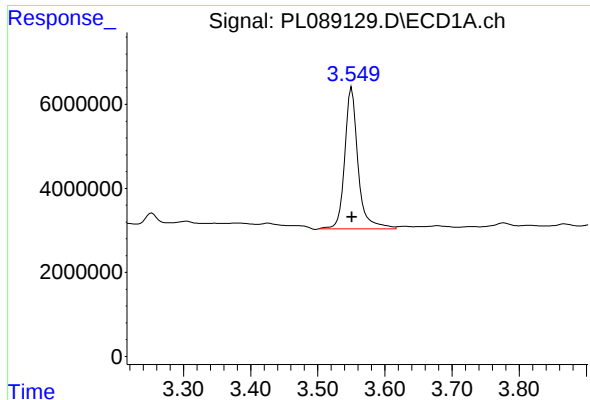
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042224\  
Data File : PL089129.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2024 19:20  
Operator : AR\AJ  
Sample : P2199-01MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:36:08 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

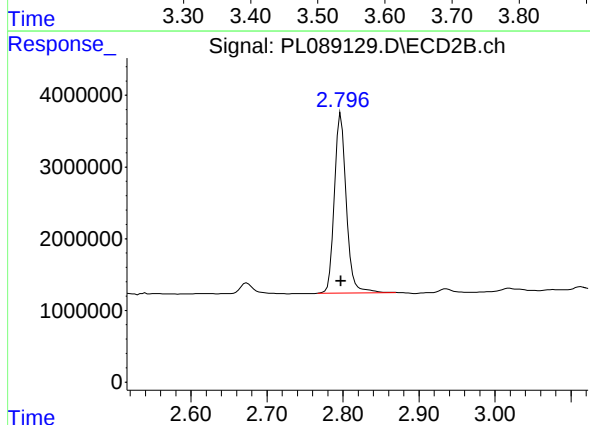




#1 Tetrachloro-m-xylene

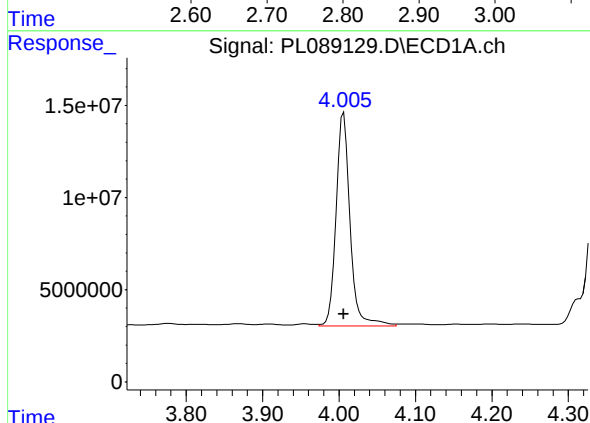
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 46272547  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



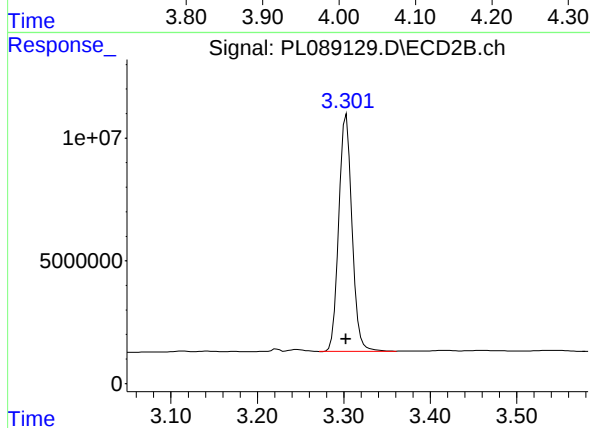
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 27069549  
Conc: 20.31 ng/ml



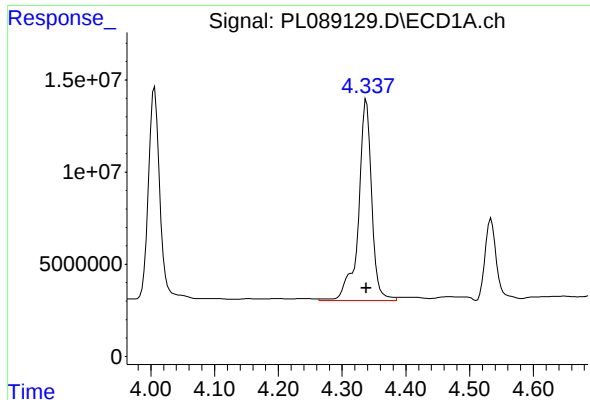
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 146334747  
Conc: 48.94 ng/ml



#2 alpha-BHC

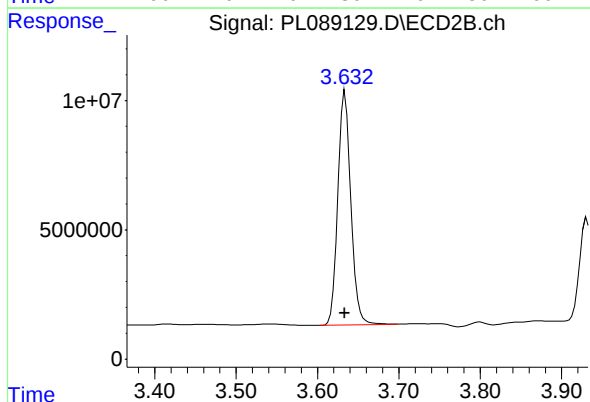
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 100792697  
Conc: 50.94 ng/ml



#3 gamma-BHC (Lindane)

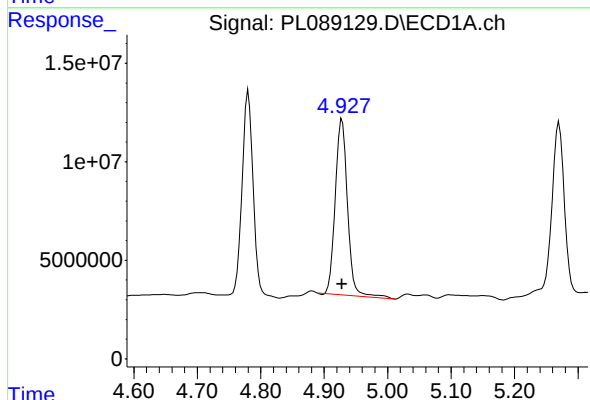
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 156994049  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



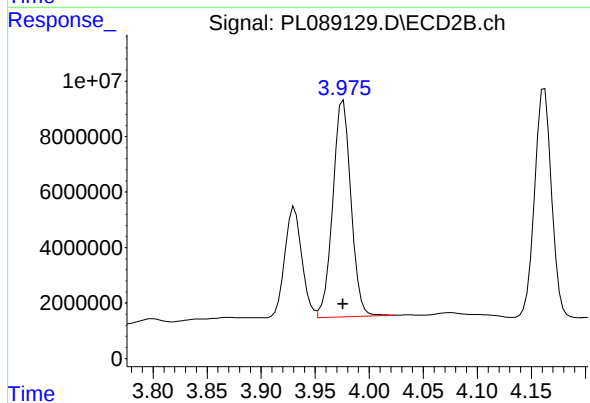
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 100294685  
Conc: 52.14 ng/ml



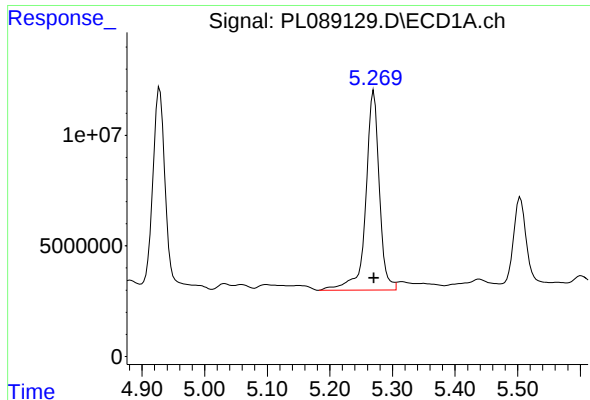
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 120437646  
Conc: 48.40 ng/ml



#4 Heptachlor

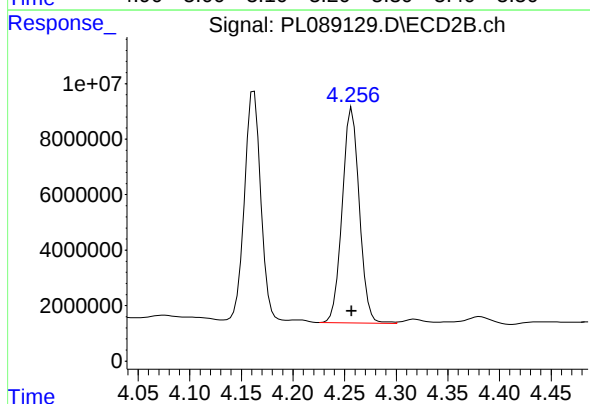
R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 91072312  
Conc: 50.68 ng/ml



#5 Aldrin

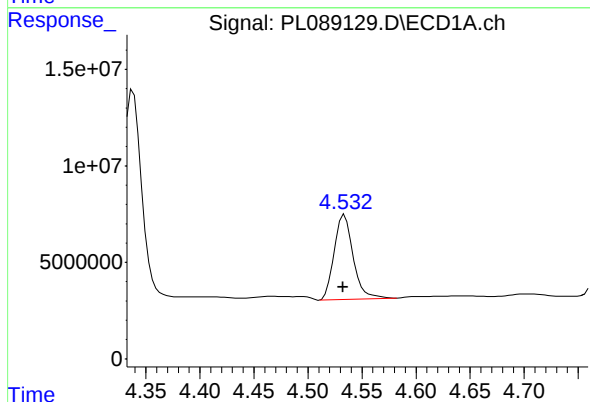
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 135833685  
Conc: 52.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



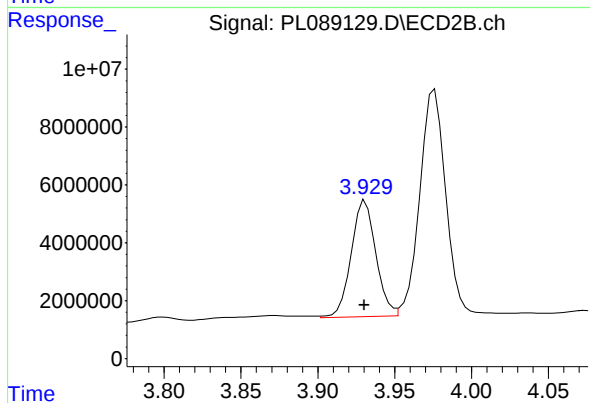
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 89415935  
Conc: 48.74 ng/ml



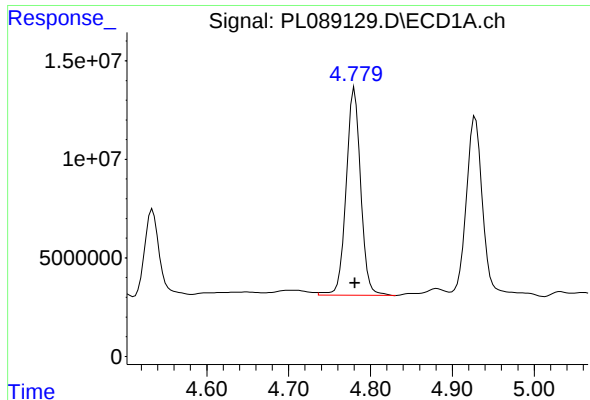
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.002 min  
Response: 54029295  
Conc: 40.26 ng/ml



#6 beta-BHC

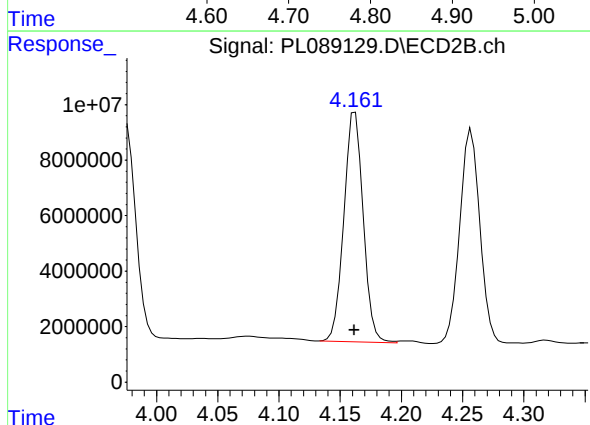
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 44834162  
Conc: 53.64 ng/ml



#7 delta-BHC

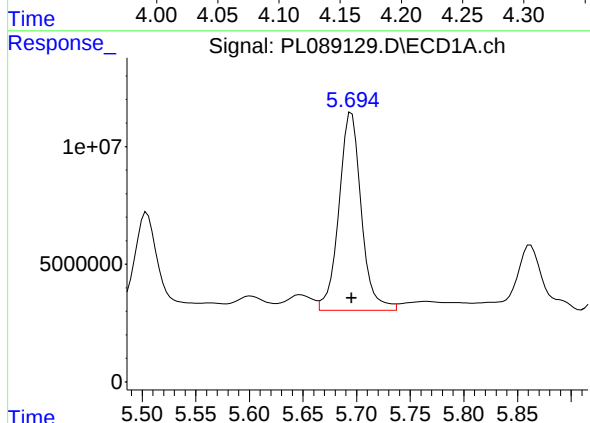
R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 130324296  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



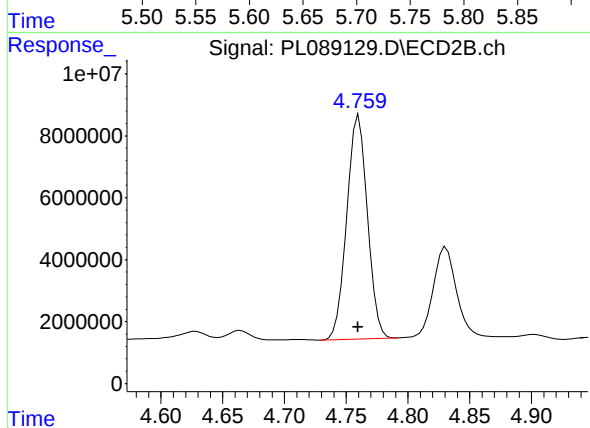
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 91056630  
Conc: 49.87 ng/ml



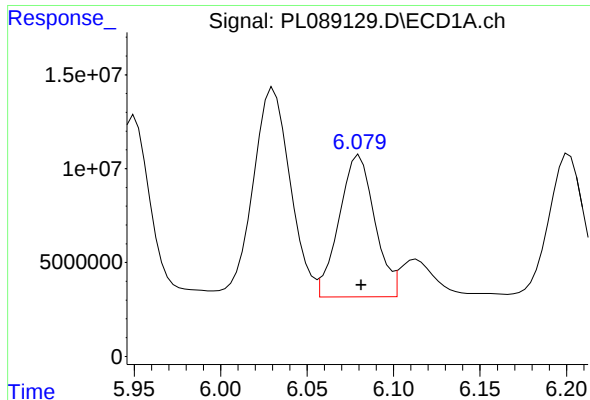
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 122204699  
Conc: 51.79 ng/ml



#8 Heptachlor epoxide

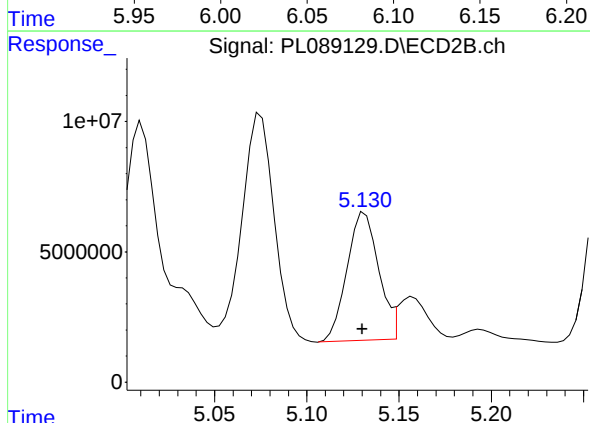
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 84356292  
Conc: 50.80 ng/ml



#9 Endosulfan I

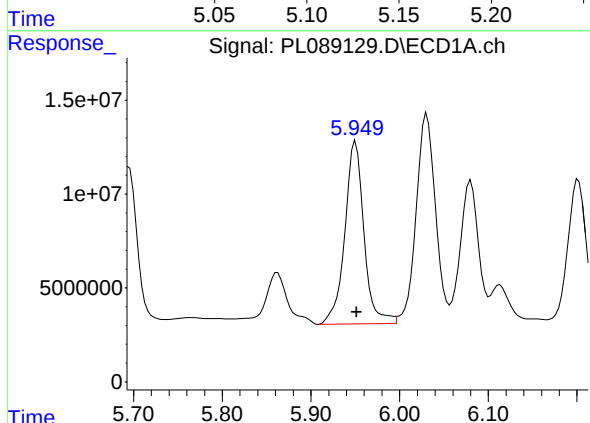
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 107890636  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



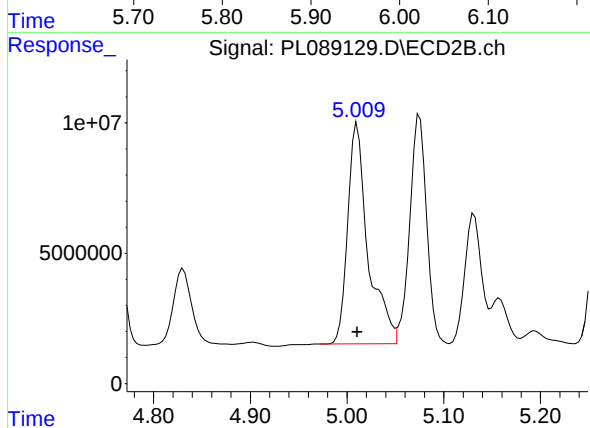
#9 Endosulfan I

R.T.: 5.132 min  
Delta R.T.: 0.001 min  
Response: 58536030  
Conc: 38.95 ng/ml



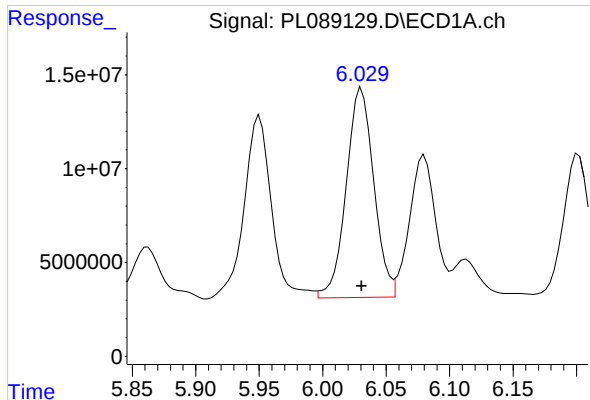
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 146201296  
Conc: 63.60 ng/ml



#10 gamma-Chlordane

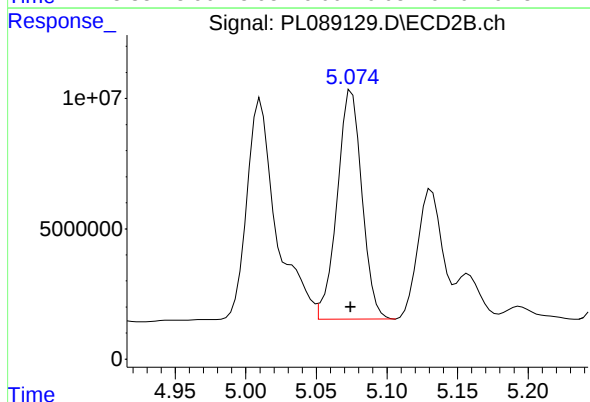
R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 123068153  
Conc: 75.02 ng/ml



#11 alpha-Chlordane

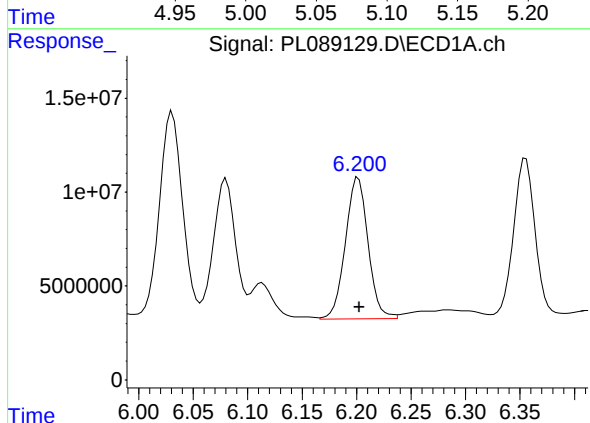
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 168681839  
Conc: 73.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



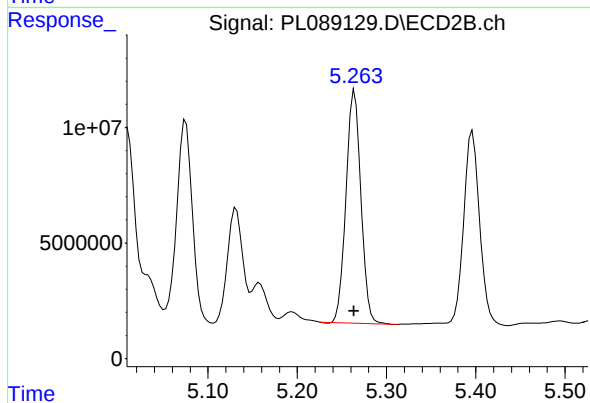
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 107209965  
Conc: 64.83 ng/ml



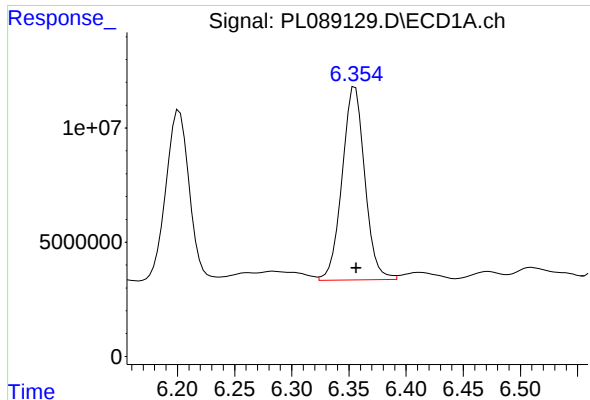
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 109134519  
Conc: 54.30 ng/ml



#12 4,4'-DDE

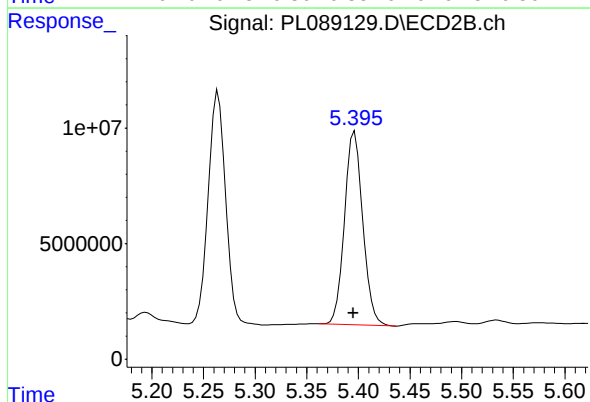
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 117287250  
Conc: 79.76 ng/ml



#13 Dieldrin

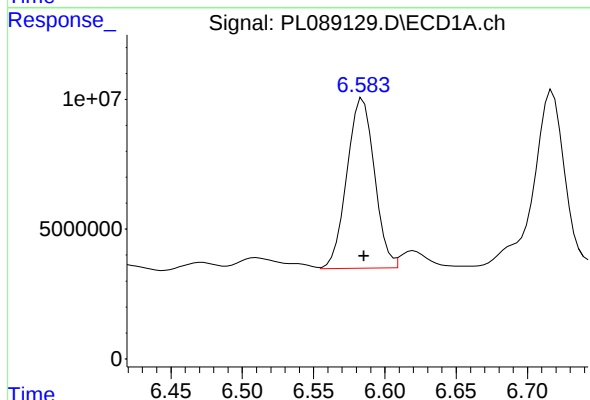
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 117318934  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



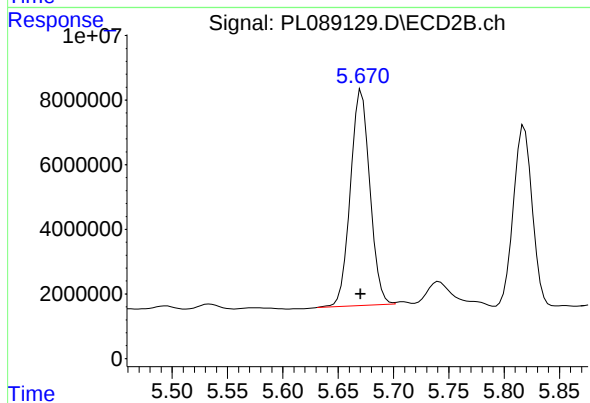
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.001 min  
Response: 103136065  
Conc: 63.09 ng/ml



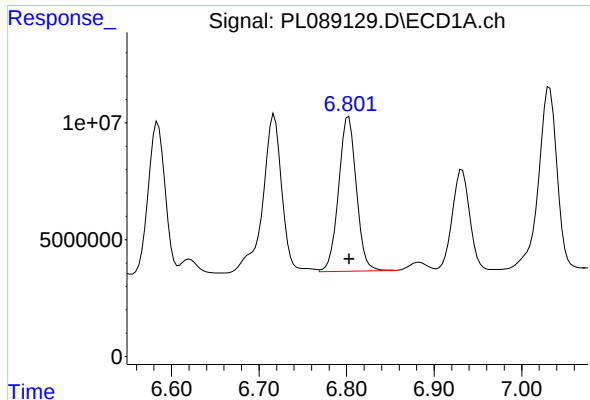
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 87876002  
Conc: 46.76 ng/ml



#14 Endrin

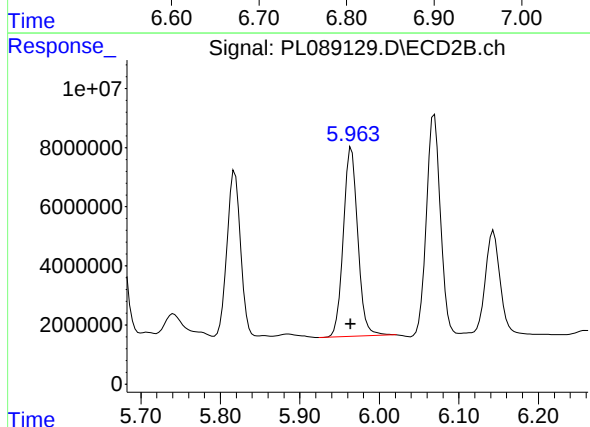
R.T.: 5.671 min  
Delta R.T.: 0.000 min  
Response: 81934618  
Conc: 56.38 ng/ml



#15 Endosulfan II

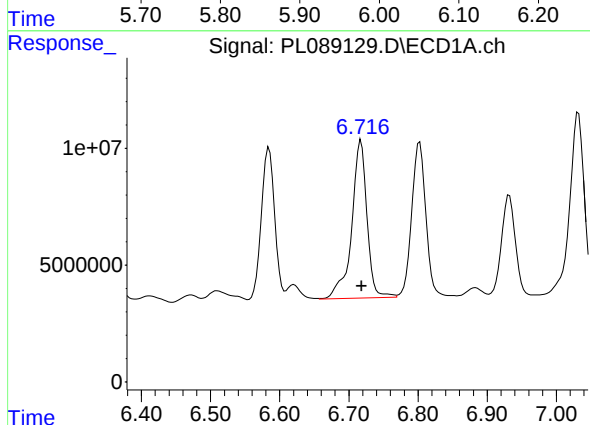
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 93302750  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



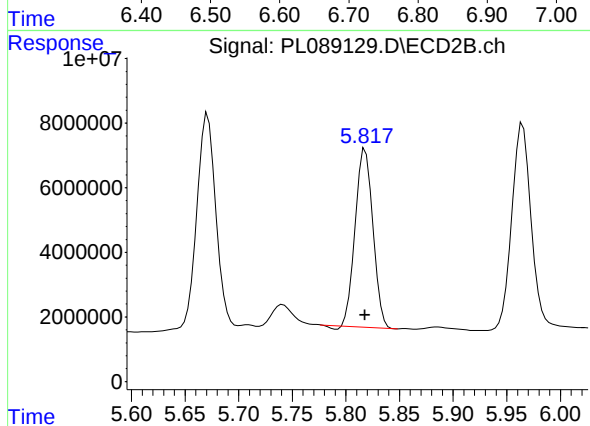
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 80301705  
Conc: 56.17 ng/ml



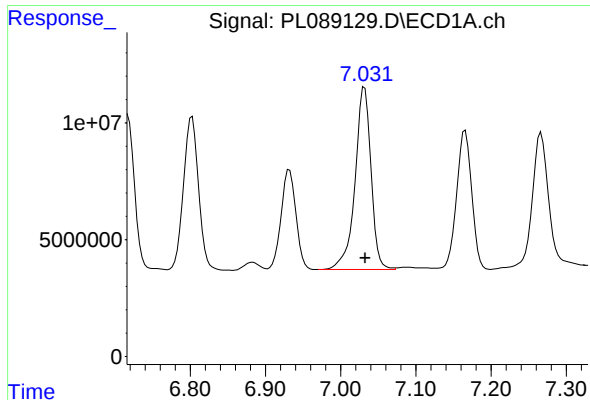
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 103699519  
Conc: 64.33 ng/ml



#16 4,4'-DDD

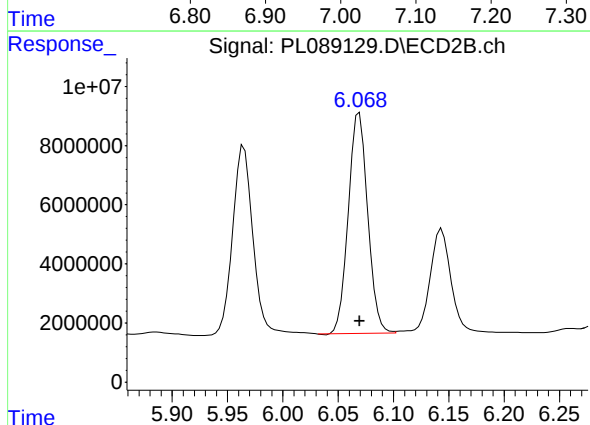
R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 63268444  
Conc: 52.25 ng/ml



#17 4,4'-DDT

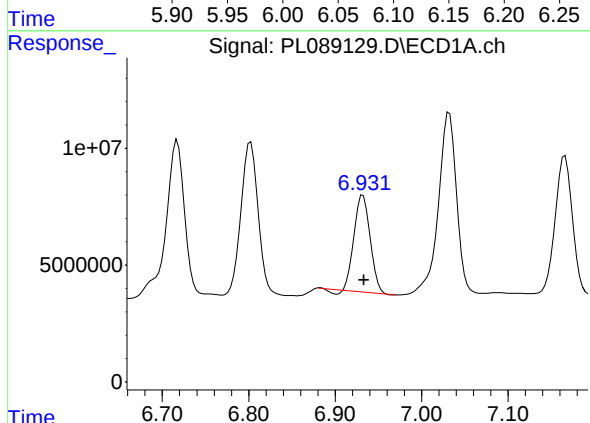
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 115362326  
Conc: 63.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



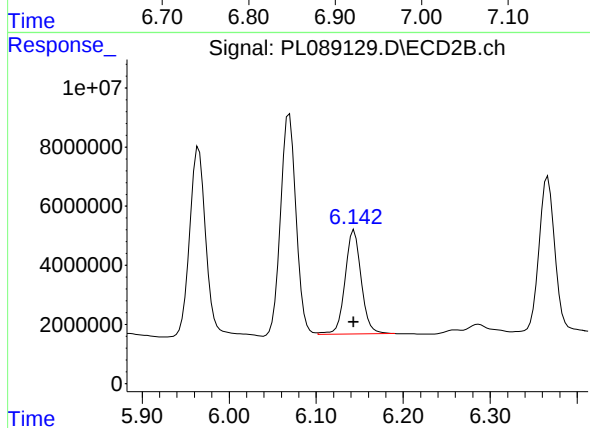
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 91232156  
Conc: 69.60 ng/ml



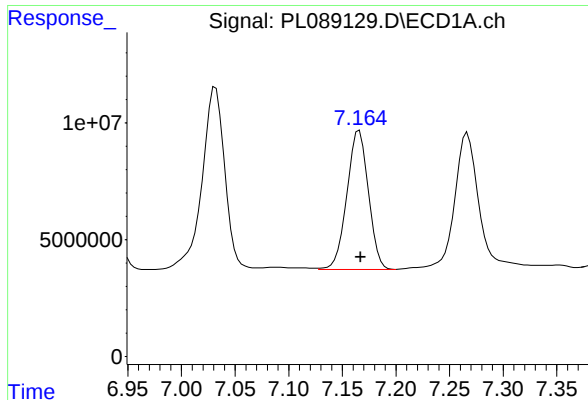
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.001 min  
Response: 53052105  
Conc: 36.25 ng/ml



#18 Endrin aldehyde

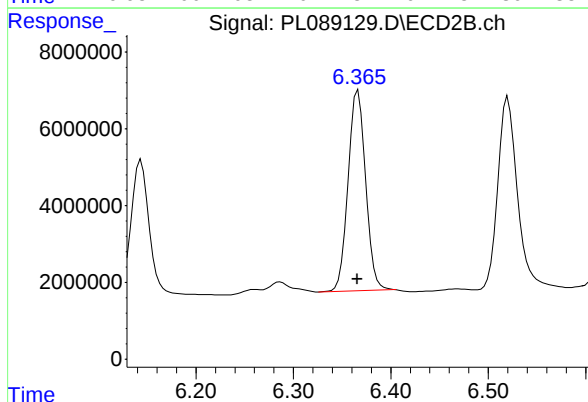
R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 45740791  
Conc: 41.62 ng/ml



#19 Endosulfan Sulfate

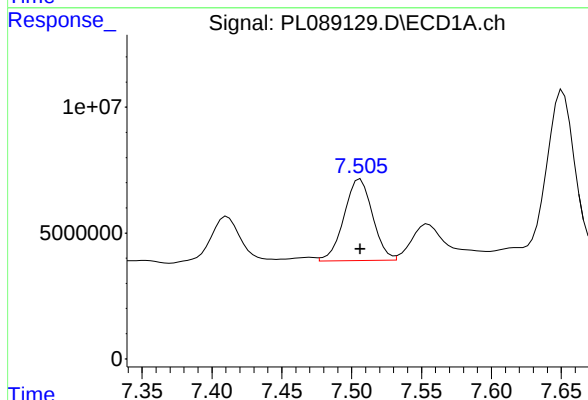
R.T.: 7.166 min  
Delta R.T.: -0.001 min  
Response: 83061418  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



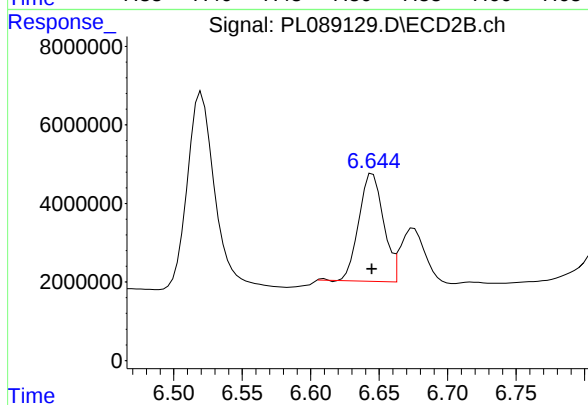
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 65353040  
Conc: 48.35 ng/ml



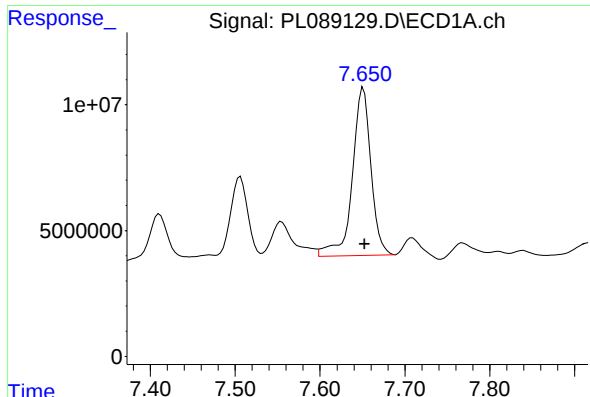
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 46192299  
Conc: 52.42 ng/ml



#20 Methoxychlor

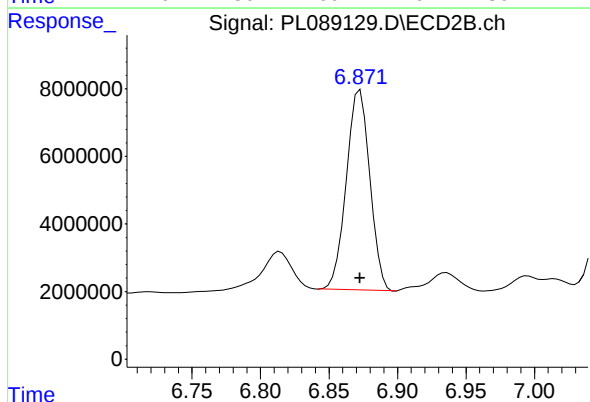
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 34259807  
Conc: 45.84 ng/ml



#21 Endrin ketone

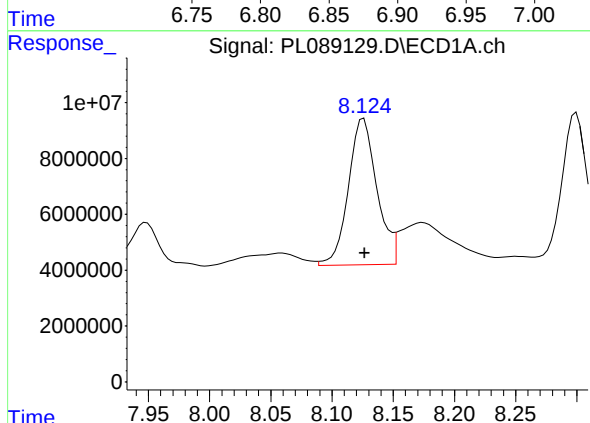
R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 101798633  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



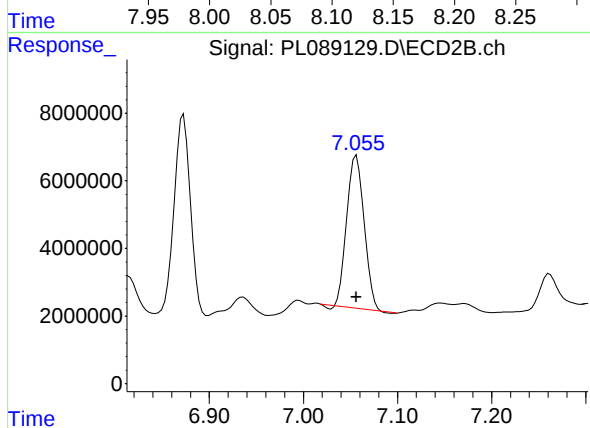
#21 Endrin ketone

R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 70918937  
Conc: 44.81 ng/ml



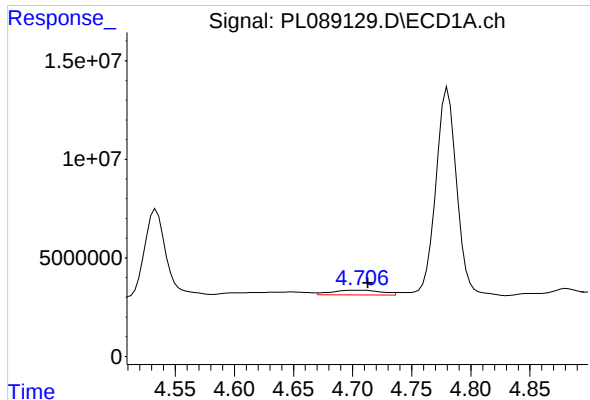
#22 Mirex

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 84896173  
Conc: 57.80 ng/ml



#22 Mirex

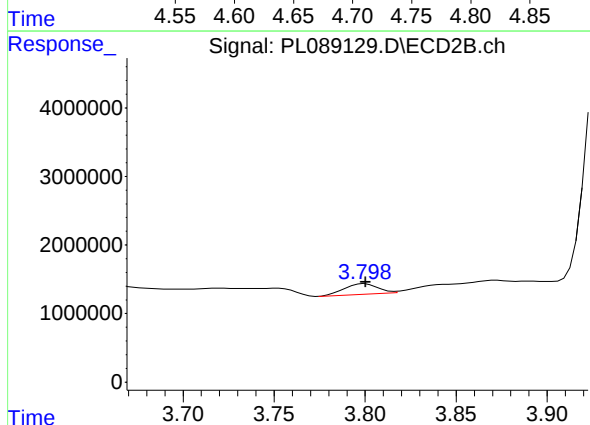
R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 57772409  
Conc: 43.70 ng/ml



#23 Chlordane-1

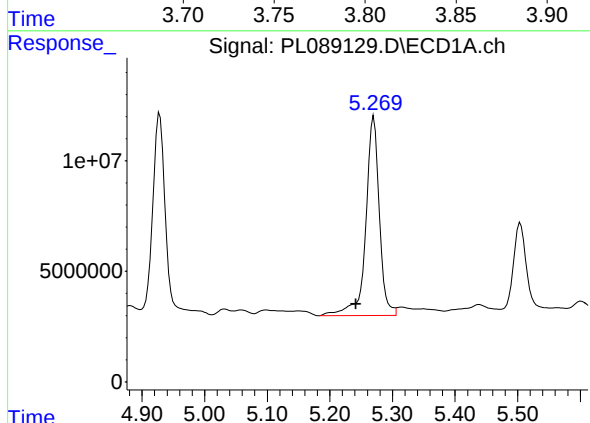
R.T.: 4.706 min  
Delta R.T.: -0.006 min  
Response: 7210972  
Conc: 79.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



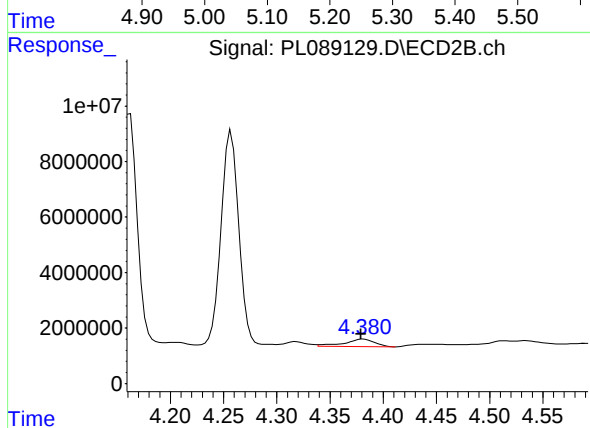
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 1973744  
Conc: 38.45 ng/ml



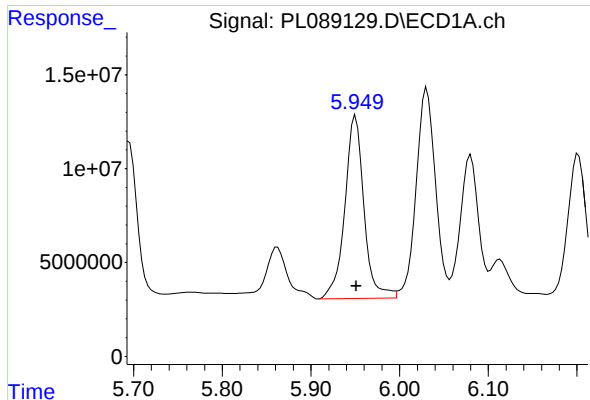
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.029 min  
Response: 135833685  
Conc: 1438.03 ng/ml



#24 Chlordane-2

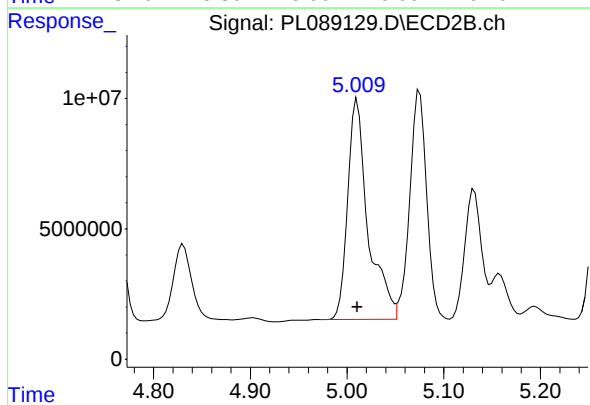
R.T.: 4.381 min  
Delta R.T.: 0.002 min  
Response: 5317577  
Conc: 81.88 ng/ml



#25 Chlordane-3

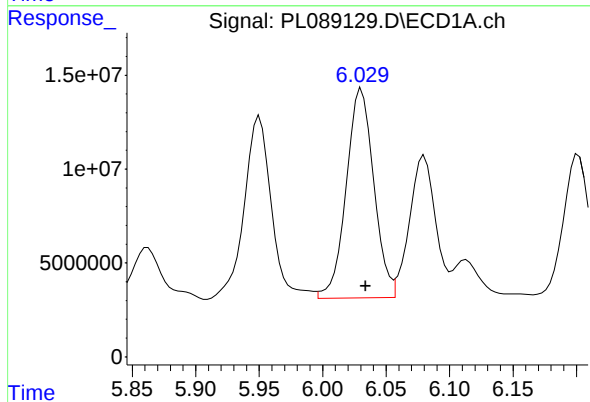
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 146201296  
Conc: 453.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



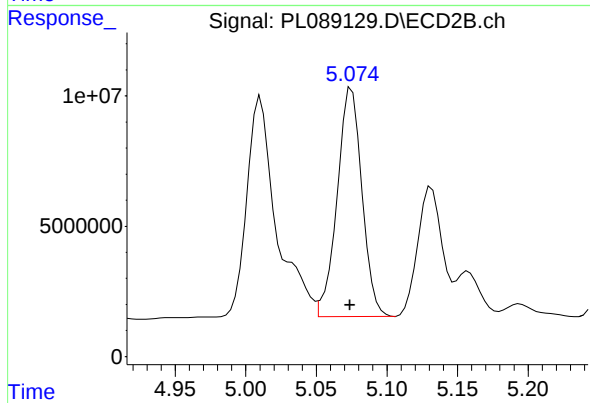
#25 Chlordane-3

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 123068153  
Conc: 712.56 ng/ml



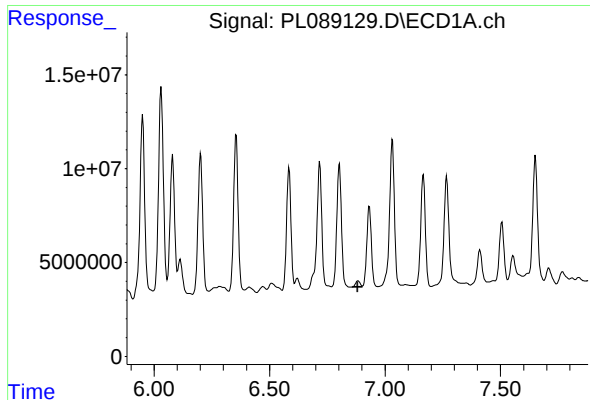
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 168681839  
Conc: 426.69 ng/ml



#26 Chlordane-4

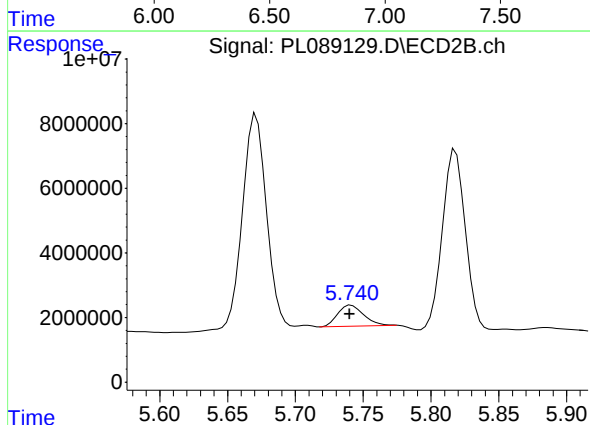
R.T.: 5.075 min  
Delta R.T.: 0.001 min  
Response: 107209965  
Conc: 661.00 ng/ml



#27 Chlordane-5

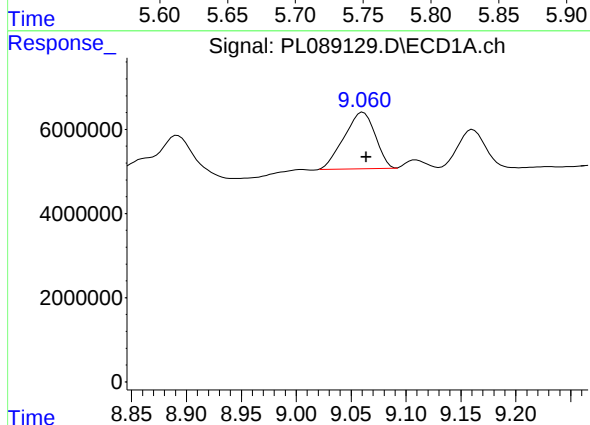
R.T.: 0.000 min  
Exp R.T.: 6.882 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
STOCK-PILEMSD



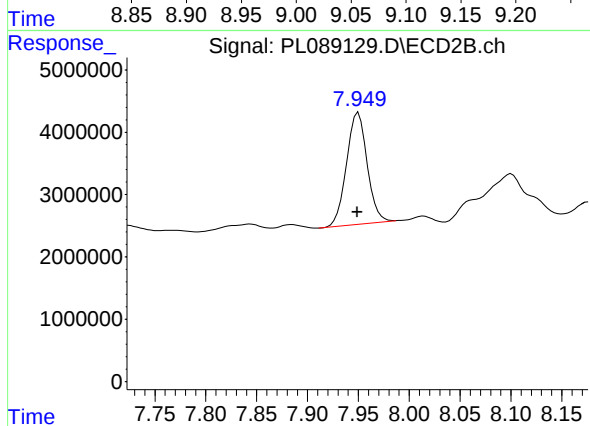
#27 Chlordane-5

R.T.: 5.741 min  
Delta R.T.: 0.001 min  
Response: 8725588  
Conc: 173.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: -0.003 min  
Response: 26438762  
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 25147571  
Conc: 18.78 ng/ml