

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
 Data File : PL070862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2021 05:28  
 Operator : AR\AJ  
 Sample : M4499-02MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WEL-BRIDGEMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 06:11:15 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 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... | 4.567  | 5.501  | 9592174  | 25375792 | 19.584 | 20.126 |
| 2)                          | SA Decachlor... | 10.329 | 11.392 | 13015083 | 26933648 | 19.047 | 20.139 |
| Target Compounds            |                 |        |        |          |          |        |        |
| 2)                          | A alpha-BHC     | 5.273  | 6.081  | 33833637 | 98622058 | 50.543 | 53.575 |
| 3)                          | MA gamma-BHC... | 5.696  | 6.477  | 33093230 | 92124393 | 49.335 | 53.127 |
| 4)                          | MA Heptachlor   | 6.103  | 7.124  | 32525516 | 87242478 | 45.331 | 53.712 |
| 5)                          | MB Aldrin       | 6.427  | 7.494  | 31115800 | 85465524 | 48.659 | 52.632 |
| 6)                          | B beta-BHC      | 6.078  | 6.733  | 15513560 | 41849802 | 47.758 | 48.843 |
| 7)                          | B delta-BHC     | 6.338  | 6.999  | 32825920 | 89751842 | 49.600 | 53.671 |
| 8)                          | B Heptachlo...  | 7.005  | 7.961  | 31332518 | 82654657 | 48.193 | 54.230 |
| 9)                          | A Endosulfan I  | 7.406  | 8.366  | 26081333 | 66931990 | 42.577 | 46.525 |
| 10)                         | B gamma-Chl...  | 7.282  | 8.230  | 31890732 | 82163777 | 48.041 | 53.065 |
| 11)                         | B alpha-Chl...  | 7.351  | 8.311  | 31908335 | 80646433 | 47.884 | 53.023 |
| 12)                         | B 4,4'-DDE      | 7.566  | 8.500  | 28264782 | 79483591 | 48.513 | 53.868 |
| 13)                         | MA Dieldrin     | 7.693  | 8.654  | 30492605 | 79028949 | 48.850 | 54.236 |
| 14)                         | MA Endrin       | 7.983  | 8.893  | 23336026 | 55081382 | 41.159 | 47.554 |
| 15)                         | B Endosulfa...  | 8.294  | 9.128  | 19968240 | 47313613 | 32.987 | 38.739 |
| 16)                         | A 4,4'-DDD      | 8.152  | 9.039  | 28197529 | 68651039 | 55.497 | 57.046 |
| 17)                         | MA 4,4'-DDT     | 8.412  | 9.356  | 21856946 | 55629595 | 39.742 | 44.095 |
| 18)                         | B Endrin al...  | 8.483  | 9.262  | 23646077 | 56202295 | 52.048 | 58.117 |
| 19)                         | B Endosulfa...  | 8.714  | 9.500  | 29421306 | 65460168 | 47.693 | 52.816 |
| 20)                         | A Methoxychlor  | 9.007  | 9.842  | 13640386 | 27312684 | 37.285 | 40.355 |
| 21)                         | B Endrin ke...  | 9.232  | 9.996  | 38076160 | 79254159 | 53.249 | 55.211 |
| 22)                         | Mirex           | 9.416  | 10.461 | 29245010 | 53532025 | 47.620 | 51.394 |
| -----                       |                 |        |        |          |          |        |        |

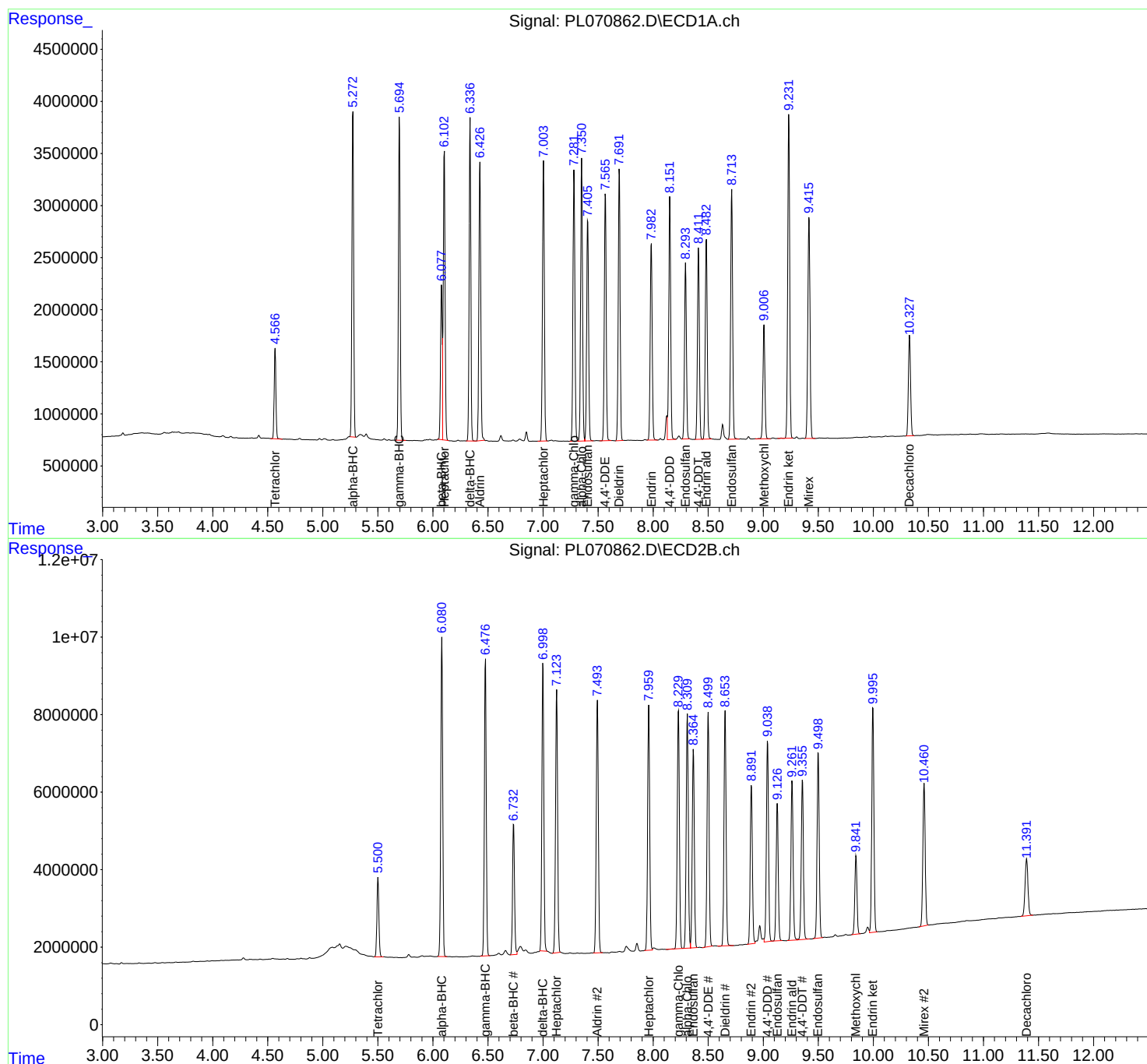
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

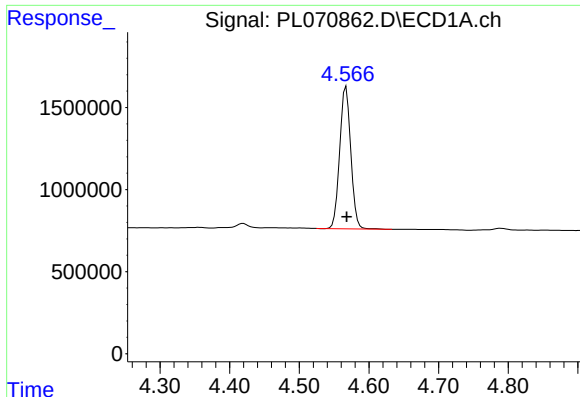
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
Data File : PL070862.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2021 05:28  
Operator : AR\AJ  
Sample : M4499-02MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 06:11:15 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 04 19:28:07 2021  
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

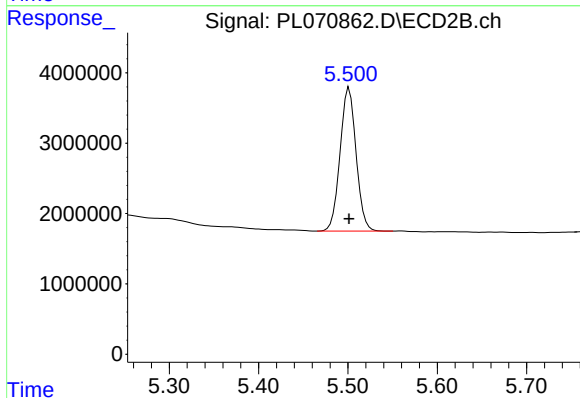




#1 Tetrachloro-m-xylene

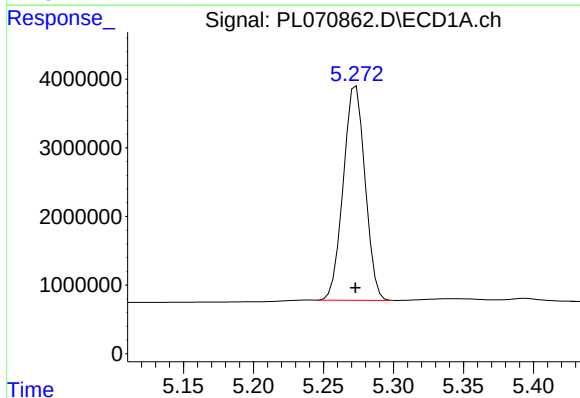
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 9592174  
Conc: 19.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



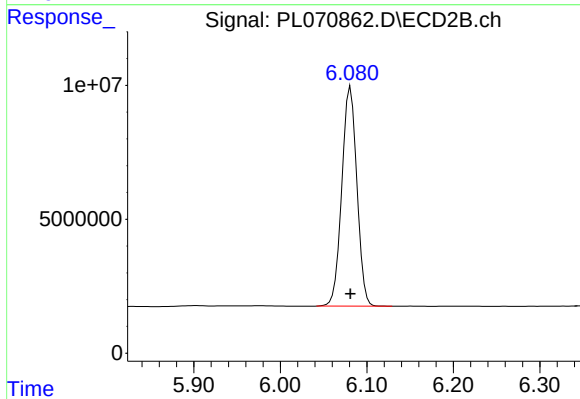
#1 Tetrachloro-m-xylene

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 25375792  
Conc: 20.13 ng/ml



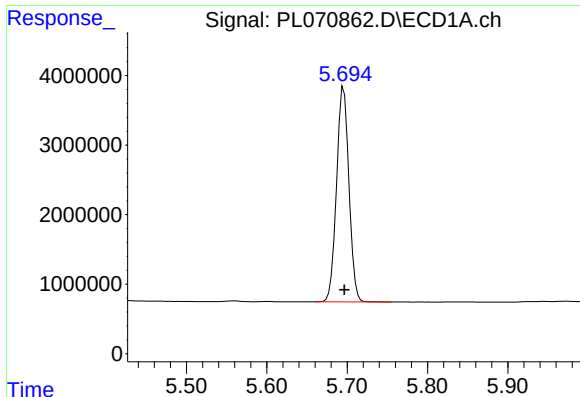
#2 alpha-BHC

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 33833637  
Conc: 50.54 ng/ml



#2 alpha-BHC

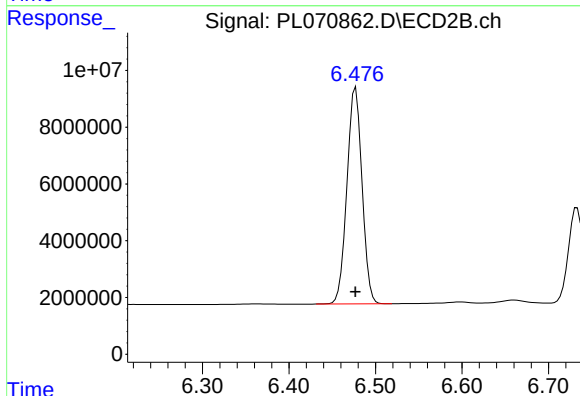
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 98622058  
Conc: 53.58 ng/ml



#3 gamma-BHC (Lindane)

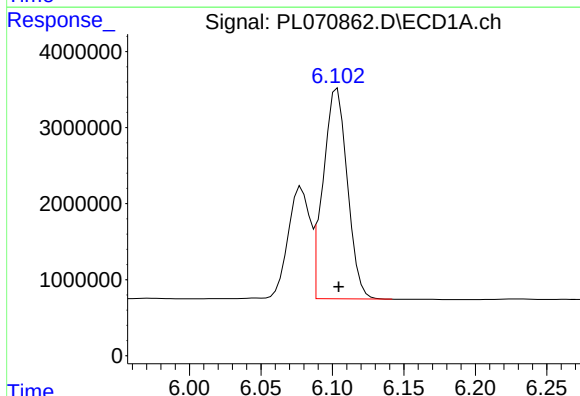
R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 33093230  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



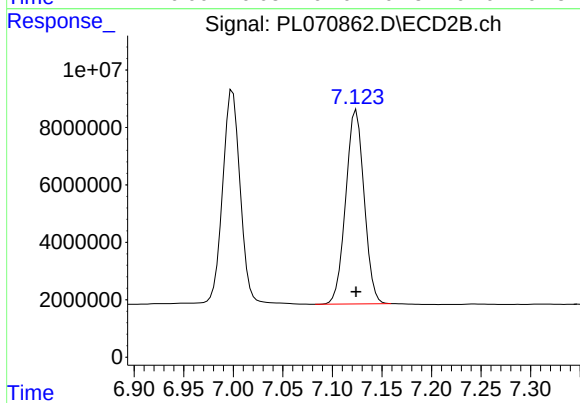
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 92124393  
Conc: 53.13 ng/ml



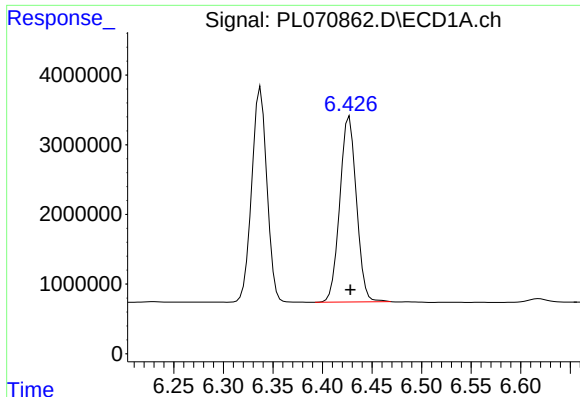
#4 Heptachlor

R.T.: 6.103 min  
Delta R.T.: -0.001 min  
Response: 32525516  
Conc: 45.33 ng/ml



#4 Heptachlor

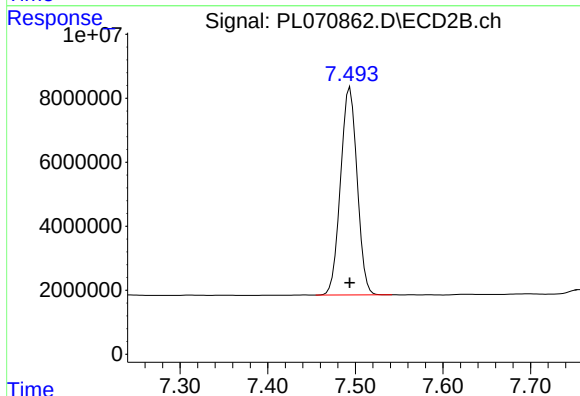
R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 87242478  
Conc: 53.71 ng/ml



#5 Aldrin

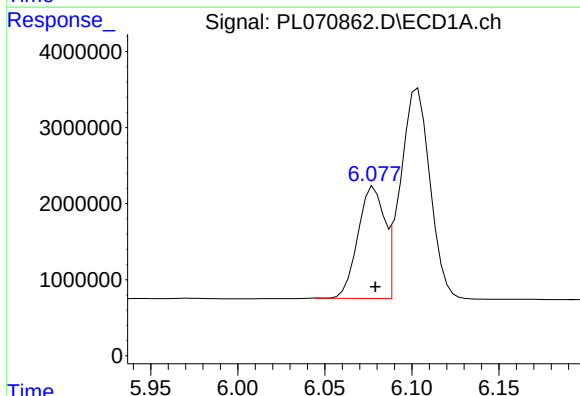
R.T.: 6.427 min  
Delta R.T.: -0.001 min  
Response: 31115800  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



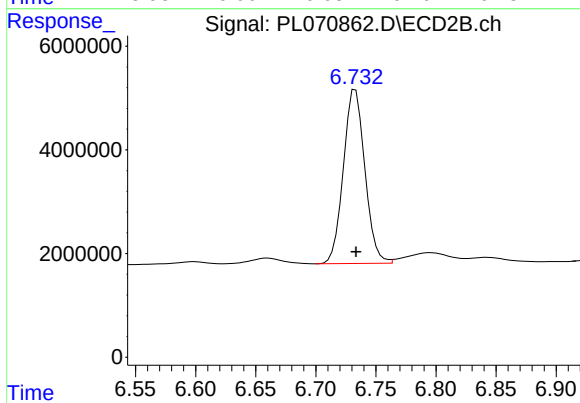
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 85465524  
Conc: 52.63 ng/ml



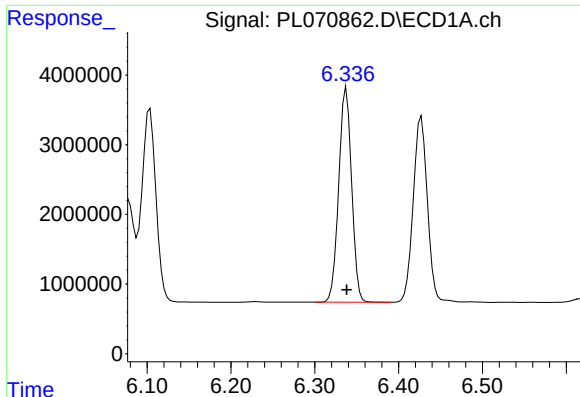
#6 beta-BHC

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 15513560  
Conc: 47.76 ng/ml



#6 beta-BHC

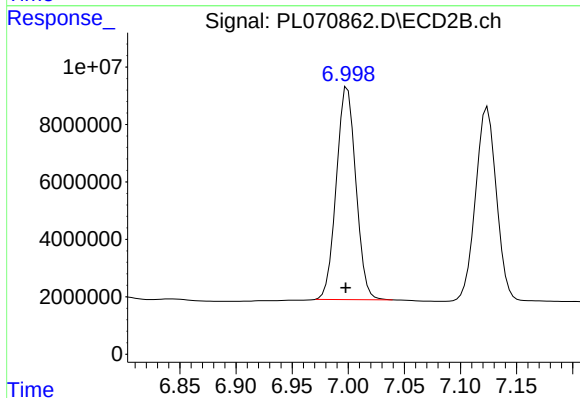
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 41849802  
Conc: 48.84 ng/ml



#7 delta-BHC

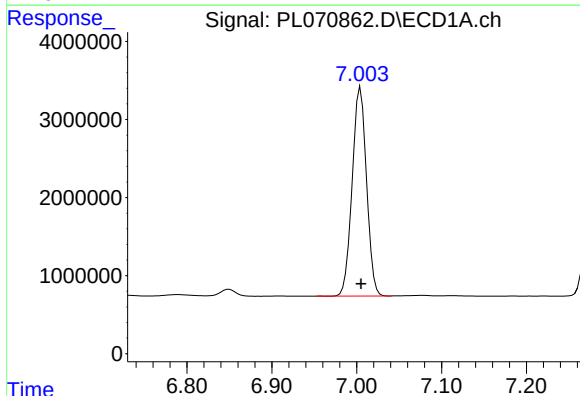
R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 32825920  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



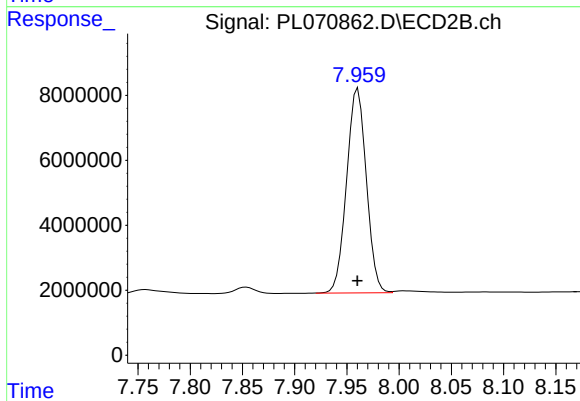
#7 delta-BHC

R.T.: 6.999 min  
Delta R.T.: 0.002 min  
Response: 89751842  
Conc: 53.67 ng/ml



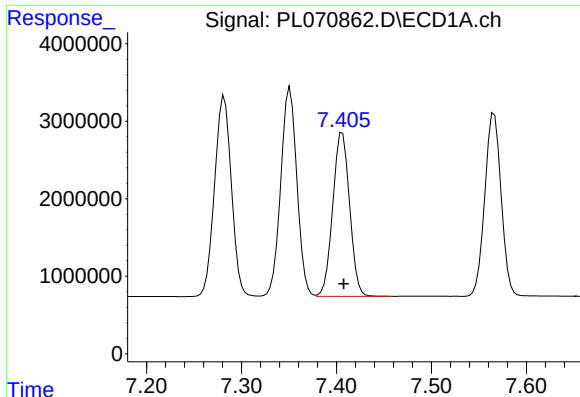
#8 Heptachlor epoxide

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 31332518  
Conc: 48.19 ng/ml



#8 Heptachlor epoxide

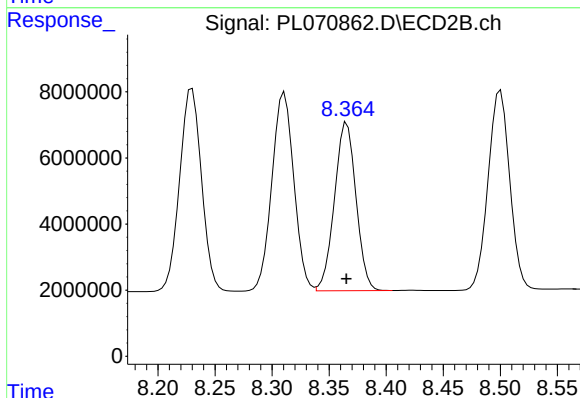
R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 82654657  
Conc: 54.23 ng/ml



#9 Endosulfan I

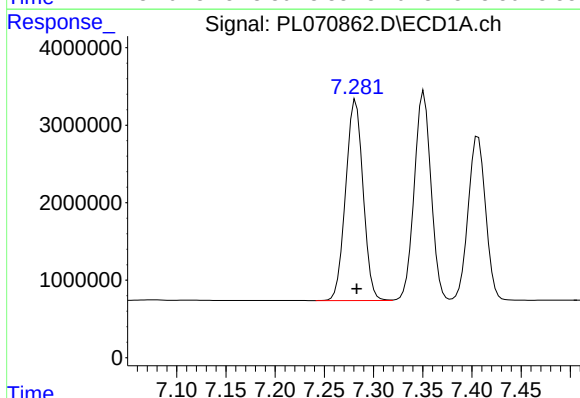
R.T.: 7.406 min  
Delta R.T.: -0.001 min  
Response: 26081333  
Conc: 42.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



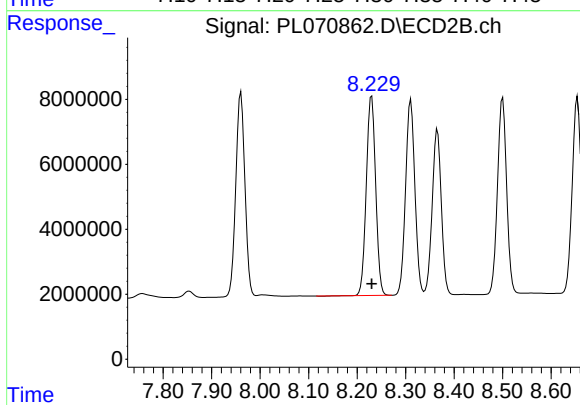
#9 Endosulfan I

R.T.: 8.366 min  
Delta R.T.: 0.000 min  
Response: 66931990  
Conc: 46.53 ng/ml



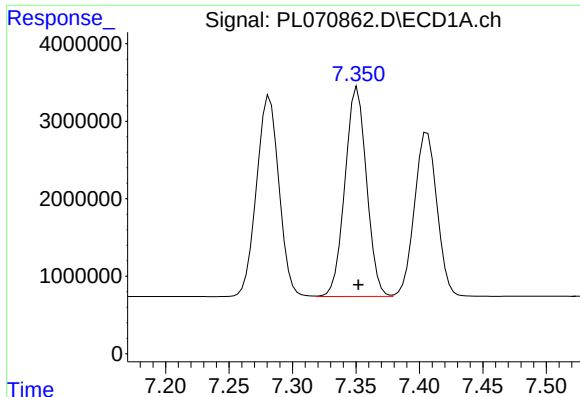
#10 gamma-Chlordane

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 31890732  
Conc: 48.04 ng/ml



#10 gamma-Chlordane

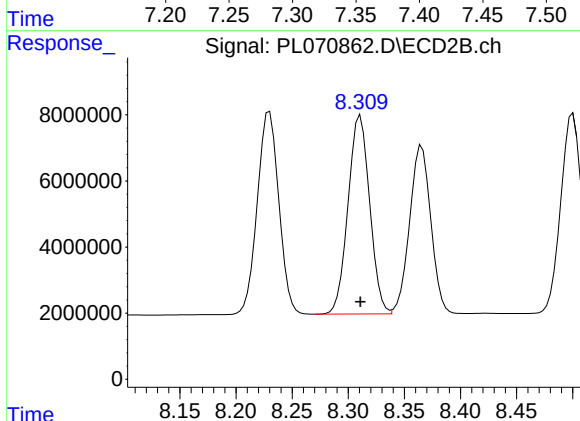
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 82163777  
Conc: 53.07 ng/ml



#11 alpha-Chlordane

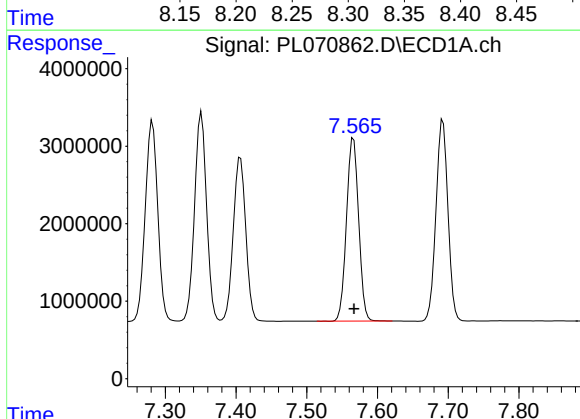
R.T.: 7.351 min  
Delta R.T.: 0.000 min  
Response: 31908335  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



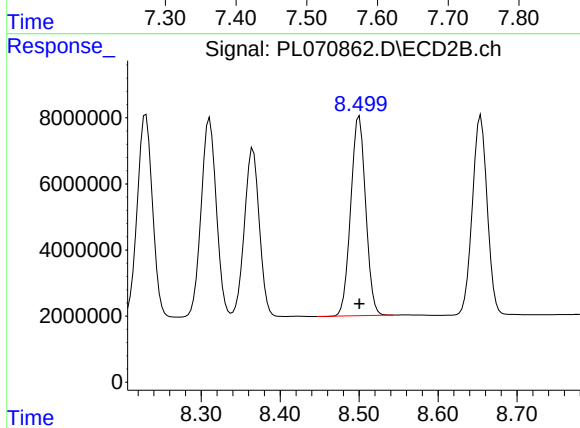
#11 alpha-Chlordane

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 80646433  
Conc: 53.02 ng/ml



#12 4,4'-DDE

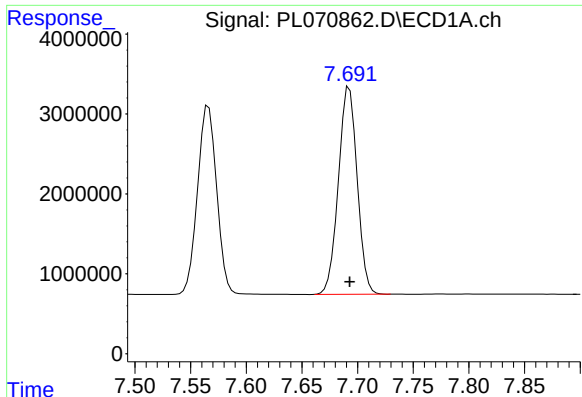
R.T.: 7.566 min  
Delta R.T.: 0.000 min  
Response: 28264782  
Conc: 48.51 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 79483591  
Conc: 53.87 ng/ml

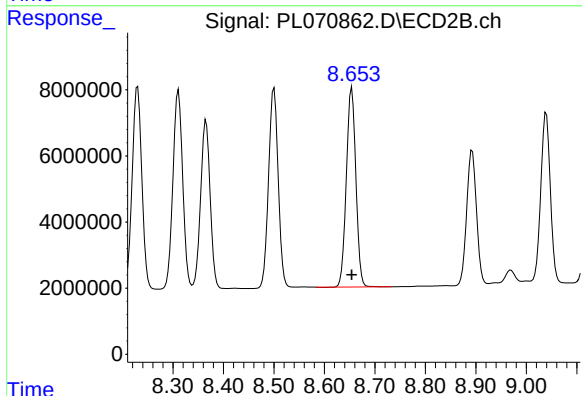




#13 Dieldrin

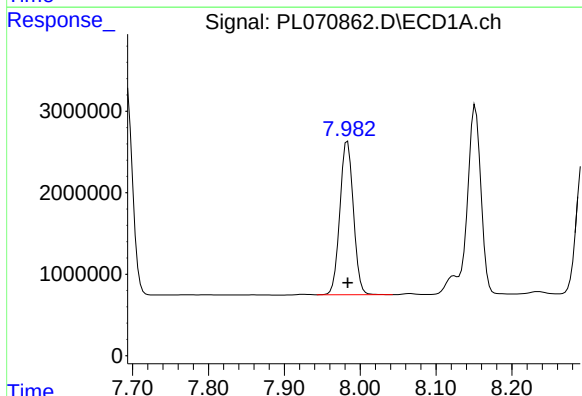
R.T.: 7.693 min  
Delta R.T.: 0.000 min  
Response: 30492605  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



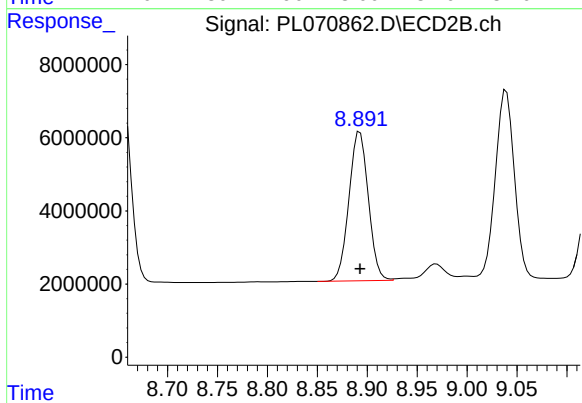
#13 Dieldrin

R.T.: 8.654 min  
Delta R.T.: 0.000 min  
Response: 79028949  
Conc: 54.24 ng/ml



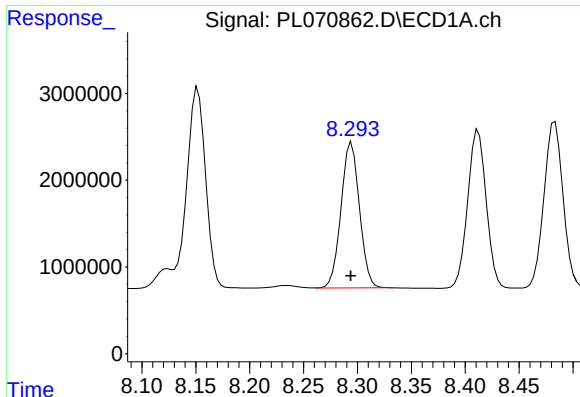
#14 Endrin

R.T.: 7.983 min  
Delta R.T.: 0.000 min  
Response: 23336026  
Conc: 41.16 ng/ml



#14 Endrin

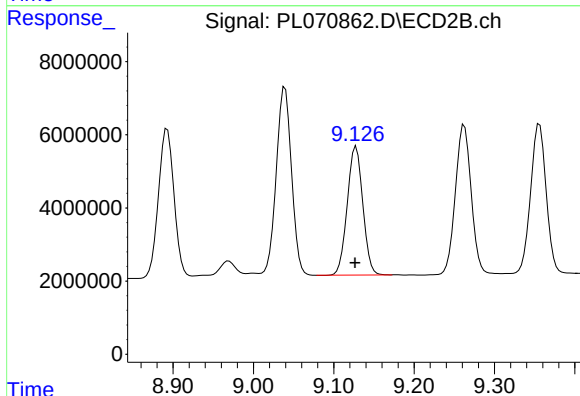
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 55081382  
Conc: 47.55 ng/ml



#15 Endosulfan II

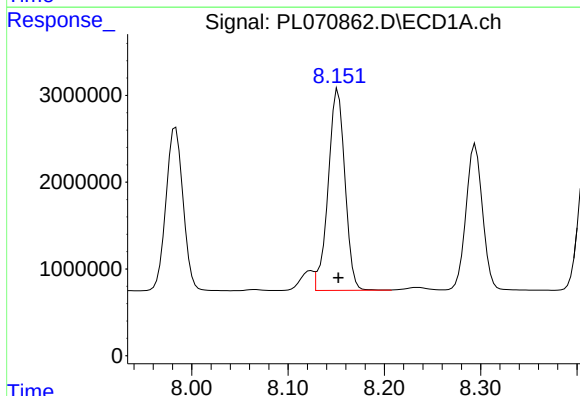
R.T.: 8.294 min  
Delta R.T.: 0.000 min  
Response: 19968240  
Conc: 32.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



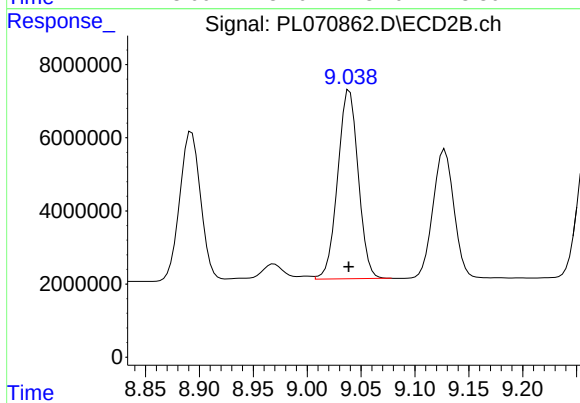
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.001 min  
Response: 47313613  
Conc: 38.74 ng/ml



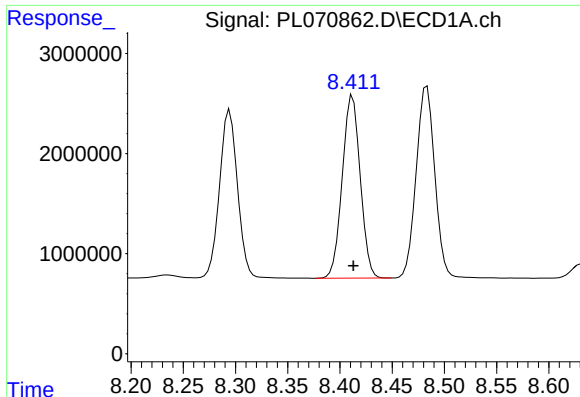
#16 4,4'-DDD

R.T.: 8.152 min  
Delta R.T.: 0.000 min  
Response: 28197529  
Conc: 55.50 ng/ml



#16 4,4'-DDD

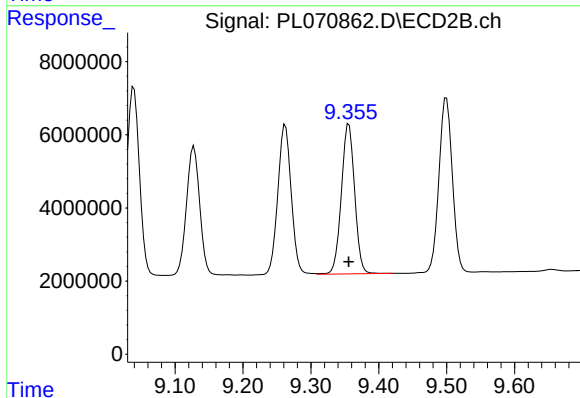
R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 68651039  
Conc: 57.05 ng/ml



#17 4,4'-DDT

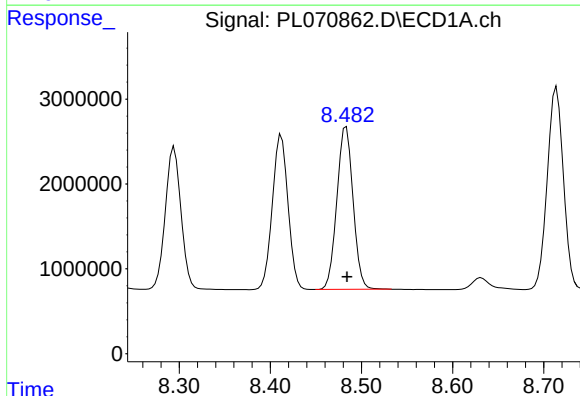
R.T.: 8.412 min  
Delta R.T.: 0.000 min  
Response: 21856946  
Conc: 39.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



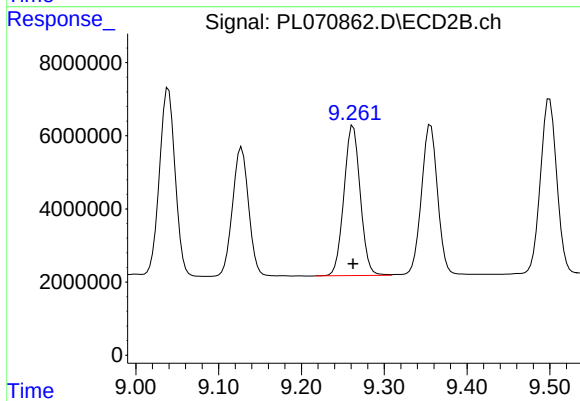
#17 4,4'-DDT

R.T.: 9.356 min  
Delta R.T.: 0.000 min  
Response: 55629595  
Conc: 44.10 ng/ml



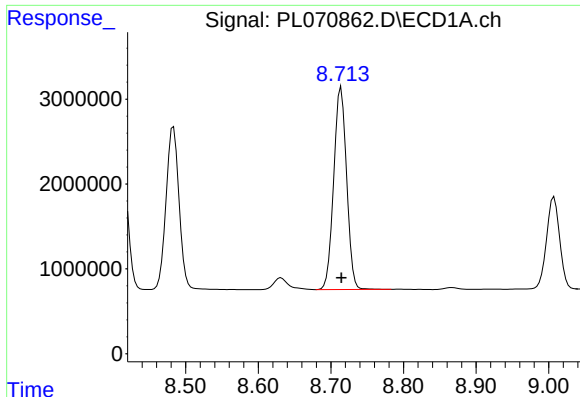
#18 Endrin aldehyde

R.T.: 8.483 min  
Delta R.T.: 0.000 min  
Response: 23646077  
Conc: 52.05 ng/ml



#18 Endrin aldehyde

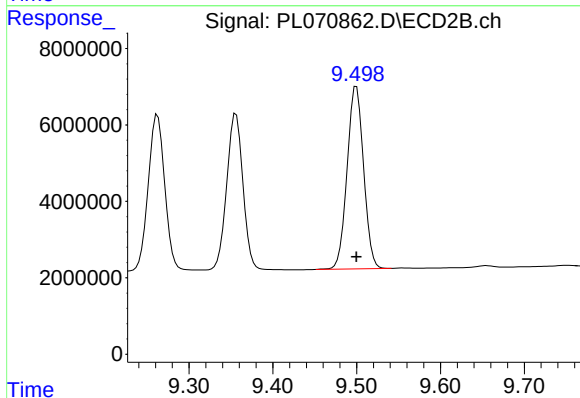
R.T.: 9.262 min  
Delta R.T.: 0.000 min  
Response: 56202295  
Conc: 58.12 ng/ml



#19 Endosulfan Sulfate

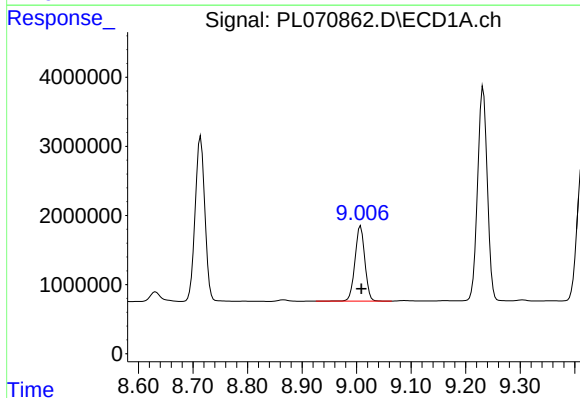
R.T.: 8.714 min  
Delta R.T.: 0.000 min  
Response: 29421306  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



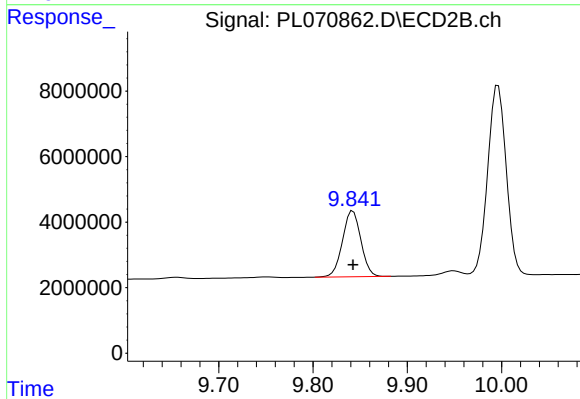
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: 0.000 min  
Response: 65460168  
Conc: 52.82 ng/ml



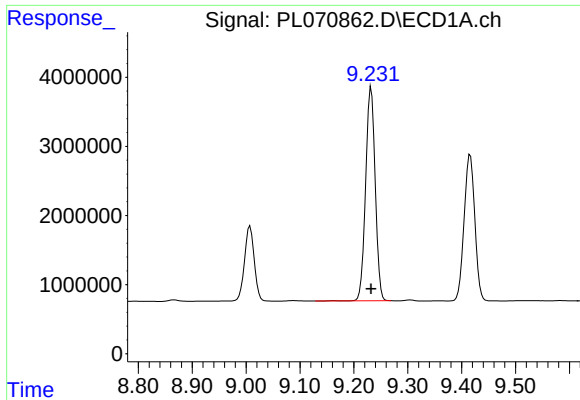
#20 Methoxychlor

R.T.: 9.007 min  
Delta R.T.: -0.001 min  
Response: 13640386  
Conc: 37.29 ng/ml



#20 Methoxychlor

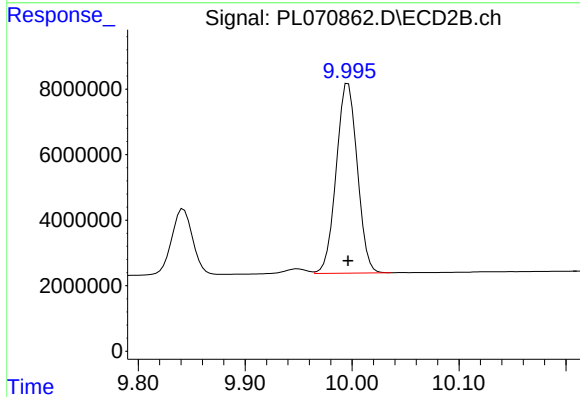
R.T.: 9.842 min  
Delta R.T.: 0.000 min  
Response: 27312684  
Conc: 40.36 ng/ml



#21 Endrin ketone

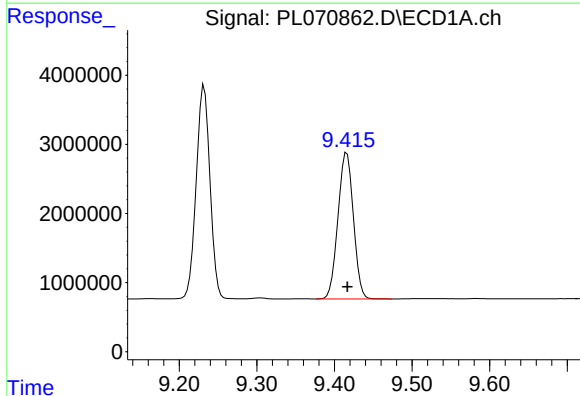
R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 38076160  
Conc: 53.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



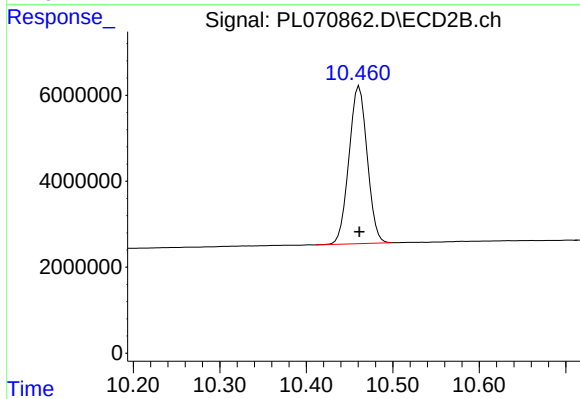
#21 Endrin ketone

R.T.: 9.996 min  
Delta R.T.: 0.000 min  
Response: 79254159  
Conc: 55.21 ng/ml



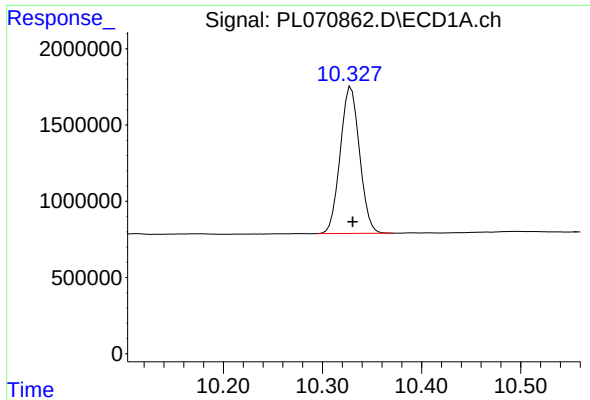
#22 Mirex

R.T.: 9.416 min  
Delta R.T.: 0.000 min  
Response: 29245010  
Conc: 47.62 ng/ml



#22 Mirex

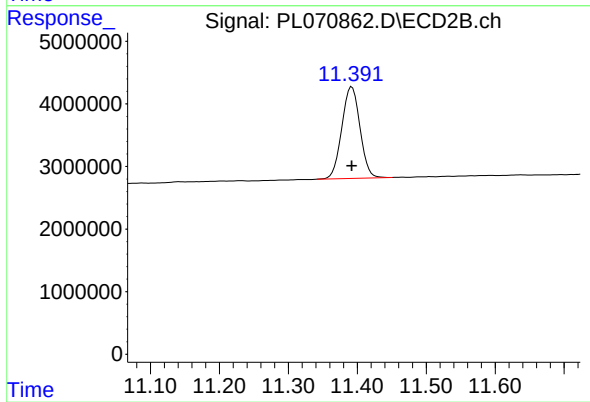
R.T.: 10.461 min  
Delta R.T.: 0.000 min  
Response: 53532025  
Conc: 51.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.329 min  
Delta R.T.: -0.002 min  
Response: 13015083  
Conc: 19.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WEL-BRIDGEMS



#28 Decachlorobiphenyl

R.T.: 11.392 min  
Delta R.T.: 0.000 min  
Response: 26933648  
Conc: 20.14 ng/ml