

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
 Data File : PL070845.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2021 22:25  
 Operator : AR\AJ  
 Sample : M4574-01MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 00:50:10 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  | 9070403  | 24195803 | 18.518   | 19.190     |
| 28)                         | SA Decachlor... | 10.329 | 11.391 | 10517719 | 21995286 | 15.393   | 16.447     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.274  | 6.082  | 32722502 | 96583512 | 48.883   | 52.468     |
| 3)                          | MA gamma-BHC... | 5.696  | 6.477  | 32082809 | 90717703 | 47.829   | 52.315     |
| 4)                          | MA Heptachlor   | 6.104  | 7.124  | 33096718 | 89038950 | 46.127   | 54.818     |
| 5)                          | MB Aldrin       | 6.427  | 7.494  | 30945554 | 85059850 | 48.393   | 52.382     |
| 6)                          | B beta-BHC      | 6.078  | 6.733  | 14918329 | 41783906 | 45.926   | 48.766     |
| 7)                          | B delta-BHC     | 6.338  | 6.999  | 31872427 | 89266583 | 48.159   | 53.381     |
| 8)                          | B Heptachlo...  | 7.004  | 7.961  | 30352766 | 78462146 | 46.686   | 51.479     |
| 9)                          | A Endosulfan I  | 7.407  | 8.365  | 28932670 | 73661693 | 47.232   | 51.203     |
| 10)                         | B gamma-Chl...  | 7.281  | 8.230  | 31148364 | 79663049 | 46.923   | 51.450     |
| 11)                         | B alpha-Chl...  | 7.351  | 8.311  | 31135779 | 78233464 | 46.725   | 51.437     |
| 12)                         | B 4,4'-DDE      | 7.566  | 8.500  | 28151874 | 76792850 | 48.319   | 52.045     |
| 13)                         | MA Dieldrin     | 7.692  | 8.654  | 29479595 | 75832734 | 47.227   | 52.043     |
| 14)                         | MA Endrin       | 7.983  | 8.893  | 26259936 | 61999147 | 46.316   | 53.526     |
| 15)                         | B Endosulfa...  | 8.294  | 9.128  | 26458681 | 62585603 | 43.709   | 51.243     |
| 16)                         | A 4,4'-DDD      | 8.151  | 9.039  | 25024165 | 64297643 | 49.251   | 53.429     |
| 17)                         | MA 4,4'-DDT     | 8.412  | 9.356  | 24025884 | 59318892 | 43.685   | 47.020     |
| 18)                         | B Endrin al...  | 8.483  | 9.262  | 21570328 | 50342052 | 47.479   | 52.057     |
| 19)                         | B Endosulfa...  | 8.714  | 9.500  | 28321807 | 62891829 | 45.911   | 50.744     |
| 20)                         | A Methoxychlor  | 9.008  | 9.842  | 15257124 | 30368683 | 41.704   | 44.871     |
| 21)                         | B Endrin ke...  | 9.231  | 9.996  | 33977480 | 73391097 | 47.517   | 51.126     |
| 22)                         | Mirex           | 9.415  | 10.460 | 28026830 | 52886662 | 45.636   | 50.774     |
| 24)                         | Chlordane-2     | 0.000  | 7.494f | 0        | 85059850 | N.D.     | 1621.580 # |
| 25)                         | Chlordane-3     | 7.281  | 8.230  | 31148364 | 79663049 | 510.186  | 394.121    |
| 26)                         | Chlordane-4     | 7.351  | 8.311  | 31135779 | 78233464 | 474.266  | 322.385 #  |
| 27)                         | Chlordane-5     | 8.294  | 0.000  | 26458681 | 0        | 1183.417 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

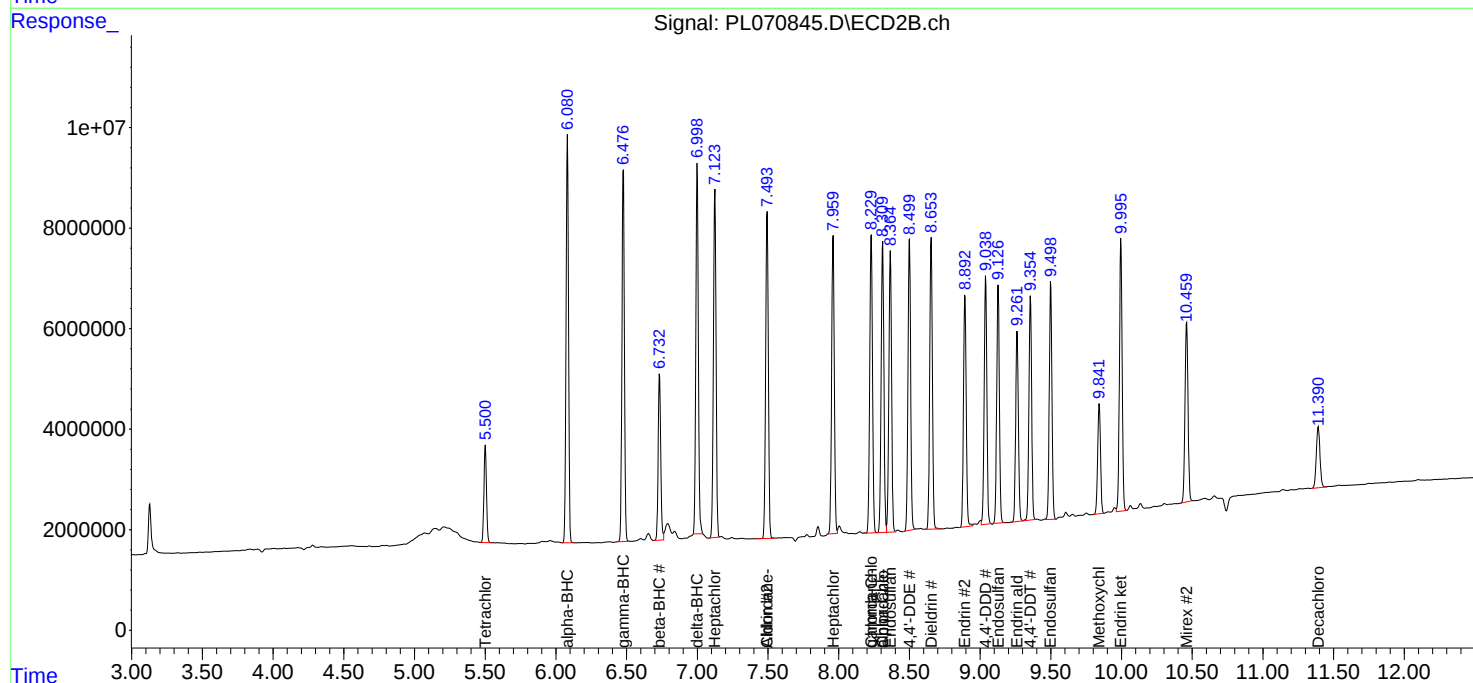
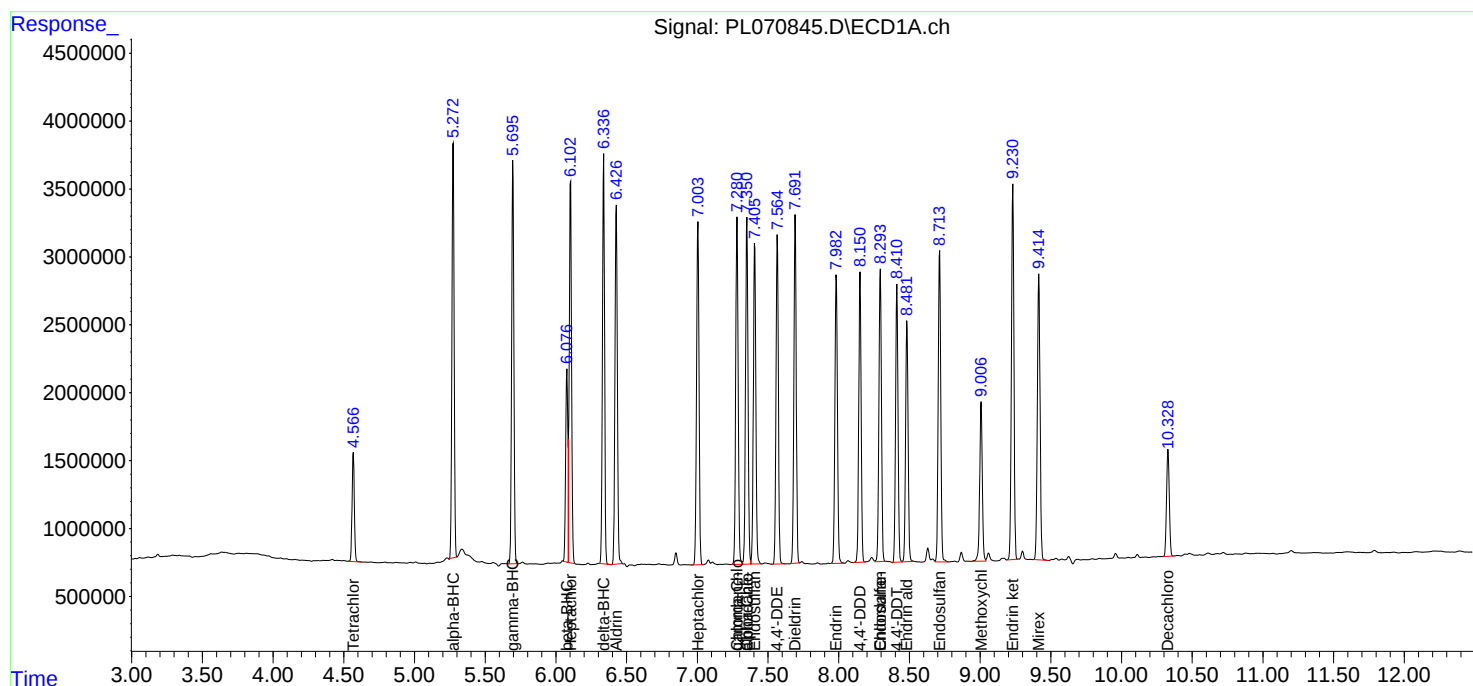
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

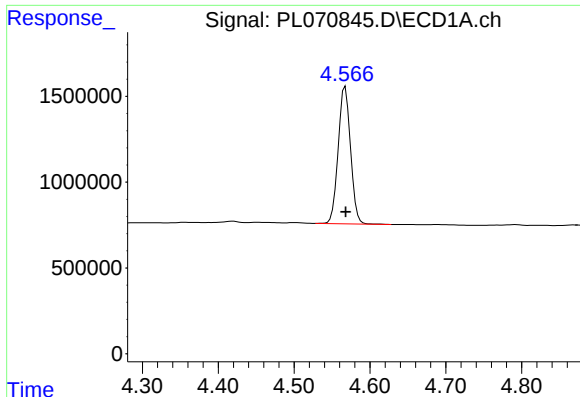
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
Data File : PL070845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2021 22:25  
Operator : AR\AJ  
Sample : M4574-01MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 00:50:10 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  
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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

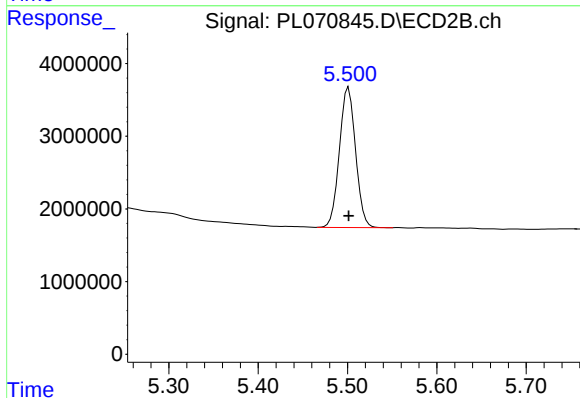




#1 Tetrachloro-m-xylene

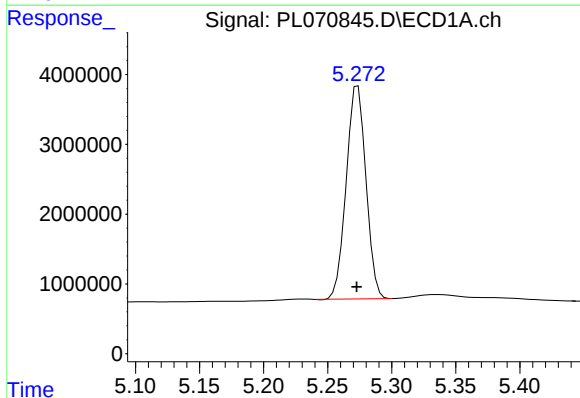
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 9070403  
Conc: 18.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



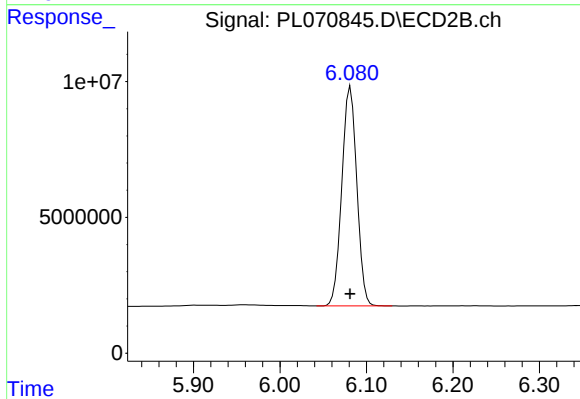
#1 Tetrachloro-m-xylene

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 24195803  
Conc: 19.19 ng/ml



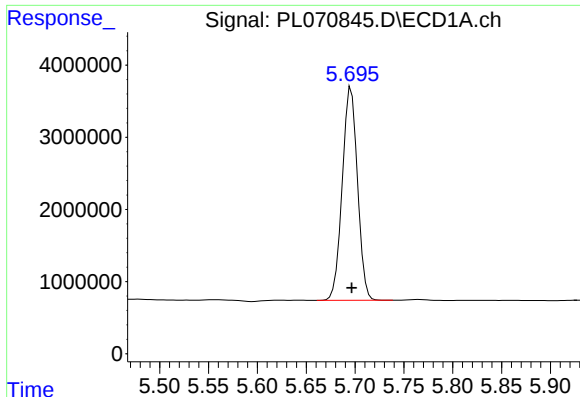
#2 alpha-BHC

R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 32722502  
Conc: 48.88 ng/ml



#2 alpha-BHC

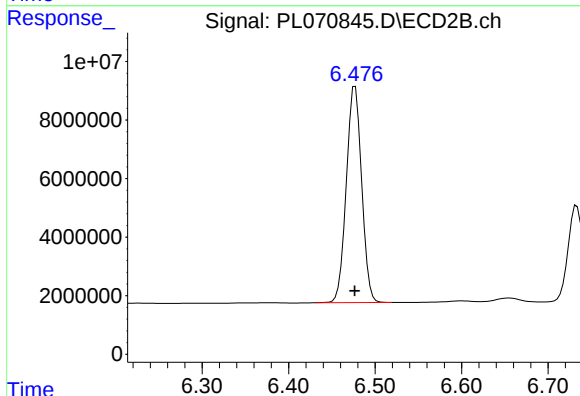
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 96583512  
Conc: 52.47 ng/ml



#3 gamma-BHC (Lindane)

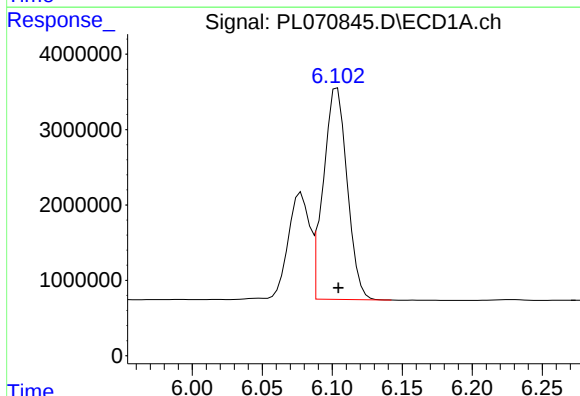
R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 32082809  
Conc: 47.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



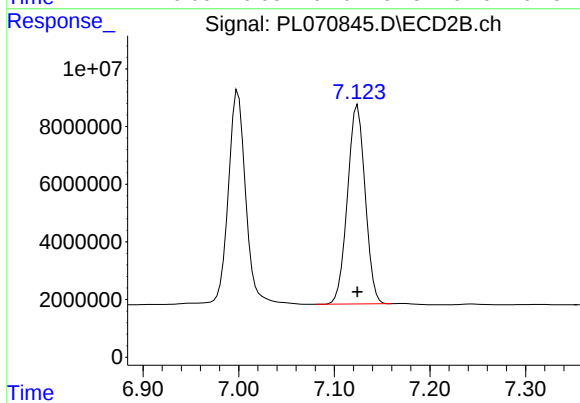
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 90717703  
Conc: 52.32 ng/ml



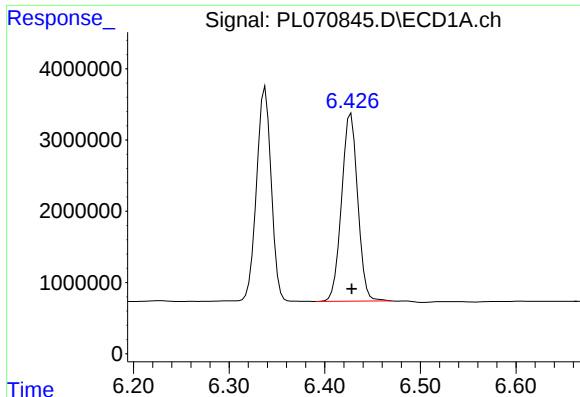
#4 Heptachlor

R.T.: 6.104 min  
Delta R.T.: 0.000 min  
Response: 33096718  
Conc: 46.13 ng/ml



#4 Heptachlor

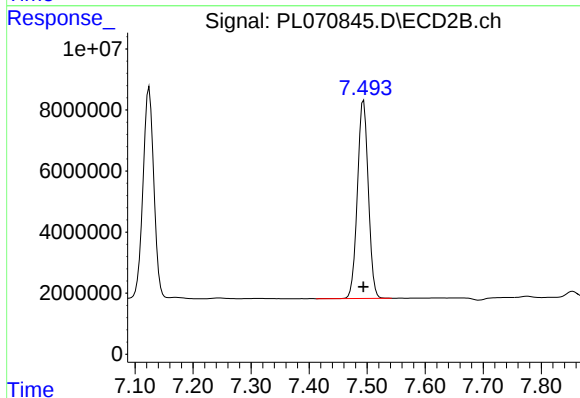
R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 89038950  
Conc: 54.82 ng/ml



#5 Aldrin

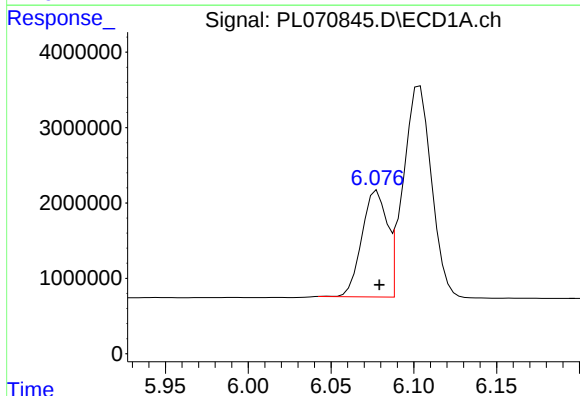
R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 30945554  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



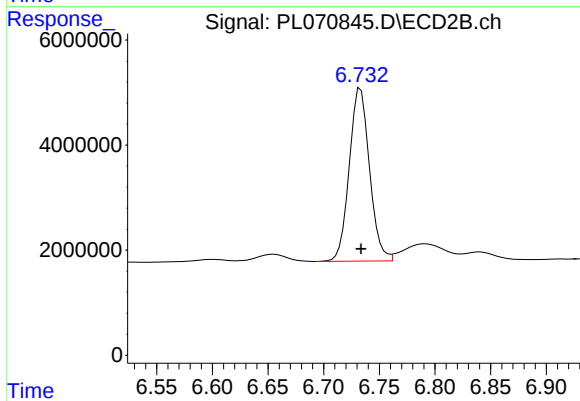
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 85059850  
Conc: 52.38 ng/ml



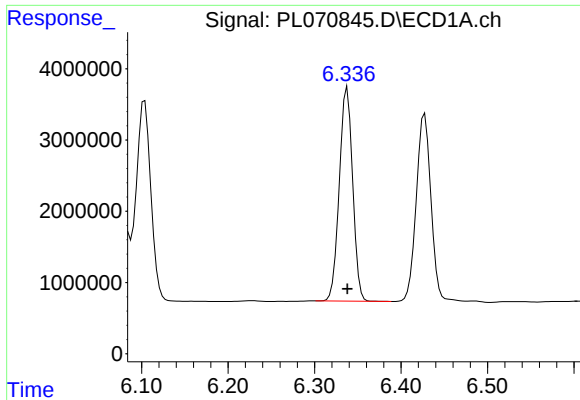
#6 beta-BHC

R.T.: 6.078 min  
Delta R.T.: -0.001 min  
Response: 14918329  
Conc: 45.93 ng/ml



#6 beta-BHC

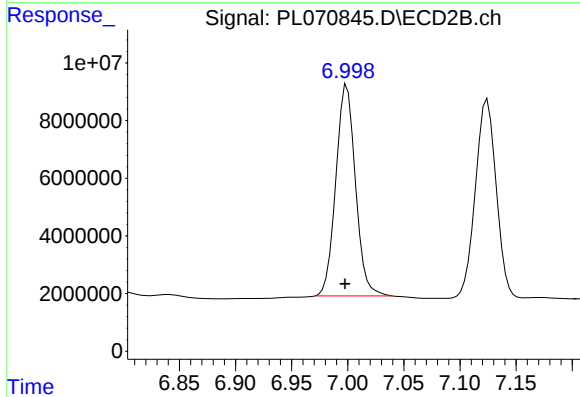
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 41783906  
Conc: 48.77 ng/ml



#7 delta-BHC

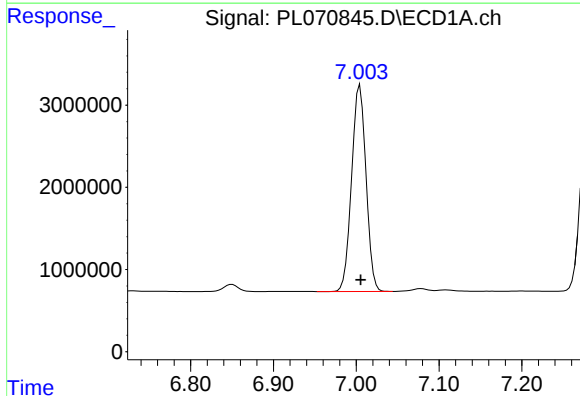
R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 31872427  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



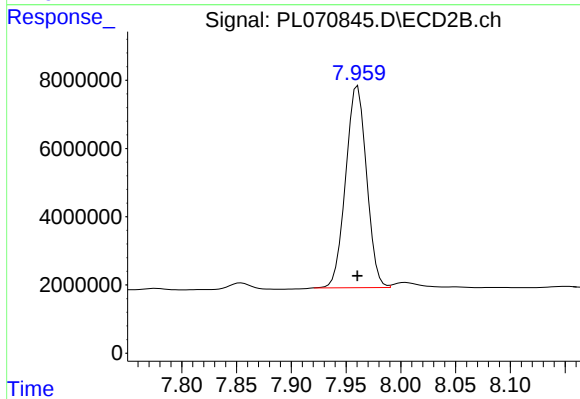
#7 delta-BHC

R.T.: 6.999 min  
Delta R.T.: 0.002 min  
Response: 89266583  
Conc: 53.38 ng/ml



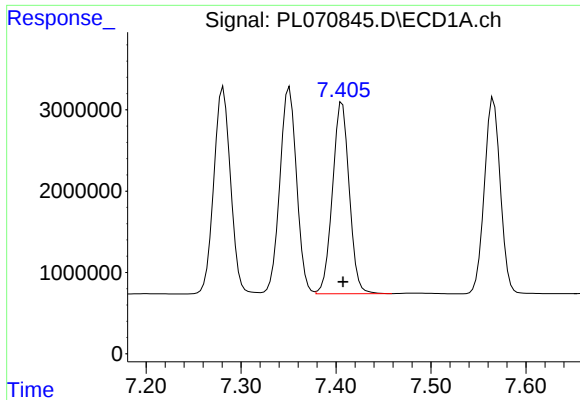
#8 Heptachlor epoxide

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 30352766  
Conc: 46.69 ng/ml



#8 Heptachlor epoxide

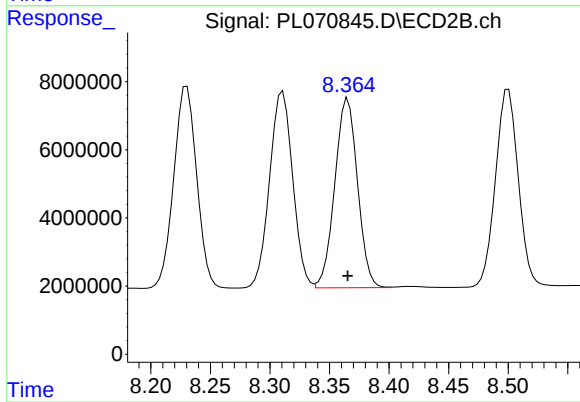
R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 78462146  
Conc: 51.48 ng/ml



#9 Endosulfan I

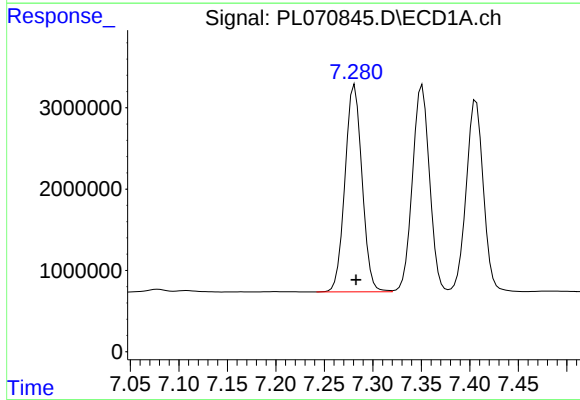
R.T.: 7.407 min  
Delta R.T.: -0.001 min  
Response: 28932670  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



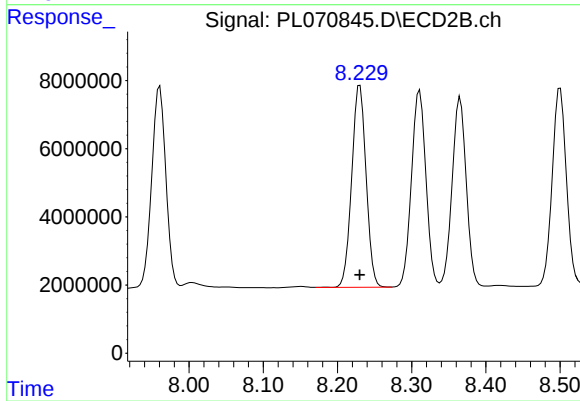
#9 Endosulfan I

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 73661693  
Conc: 51.20 ng/ml



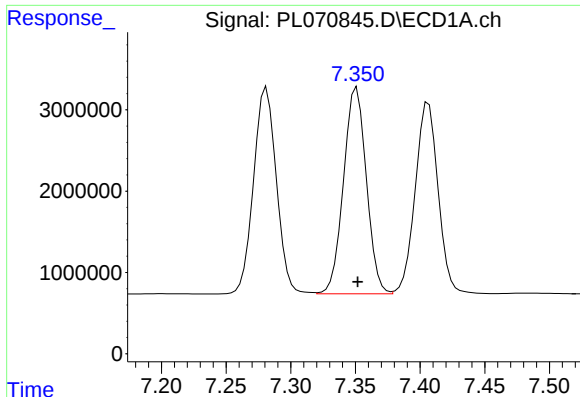
#10 gamma-Chlordane

R.T.: 7.281 min  
Delta R.T.: -0.002 min  
Response: 31148364  
Conc: 46.92 ng/ml



#10 gamma-Chlordane

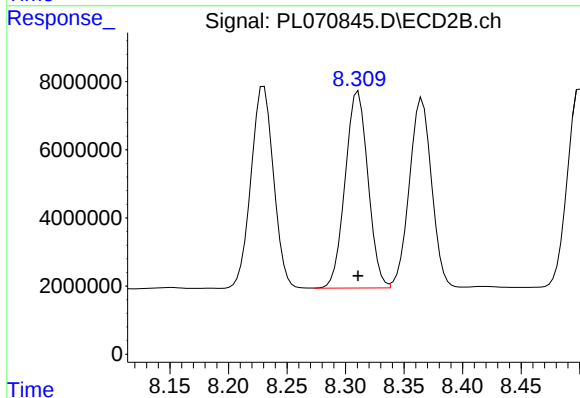
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 79663049  
Conc: 51.45 ng/ml



#11 alpha-Chlordane

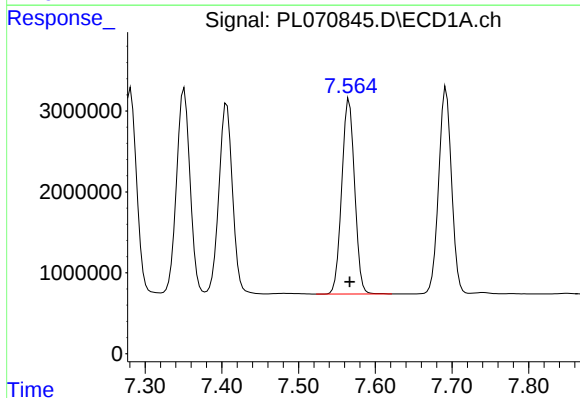
R.T.: 7.351 min  
Delta R.T.: 0.000 min  
Response: 31135779  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



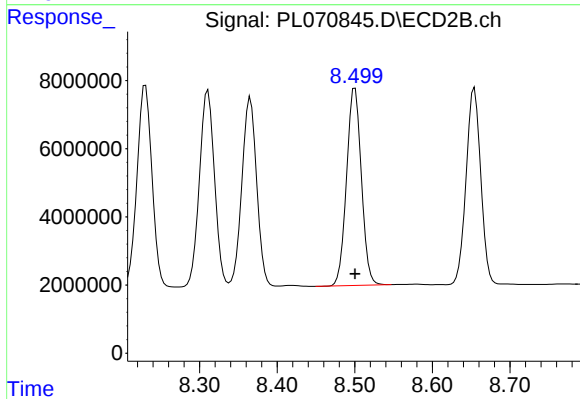
#11 alpha-Chlordane

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 78233464  
Conc: 51.44 ng/ml



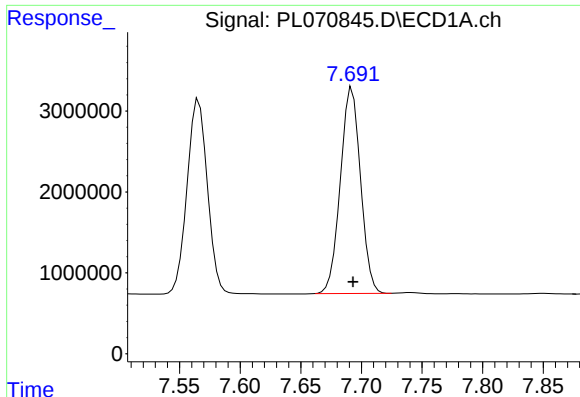
#12 4,4'-DDE

R.T.: 7.566 min  
Delta R.T.: -0.001 min  
Response: 28151874  
Conc: 48.32 ng/ml



#12 4,4'-DDE

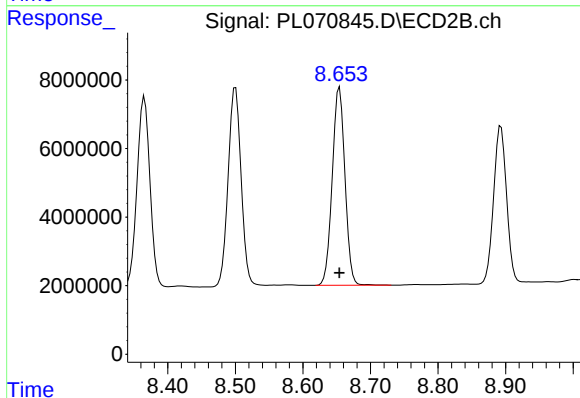
R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 76792850  
Conc: 52.04 ng/ml



#13 Dieldrin

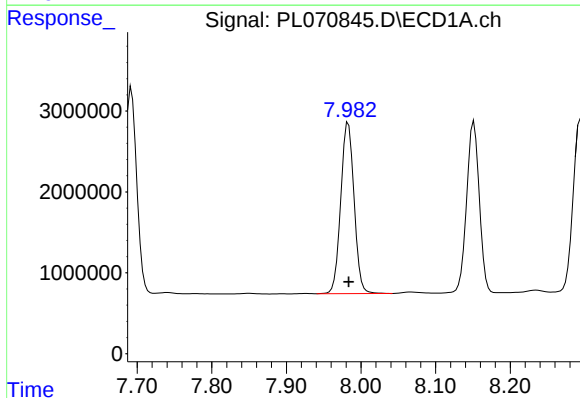
R.T.: 7.692 min  
Delta R.T.: 0.000 min  
Response: 29479595  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



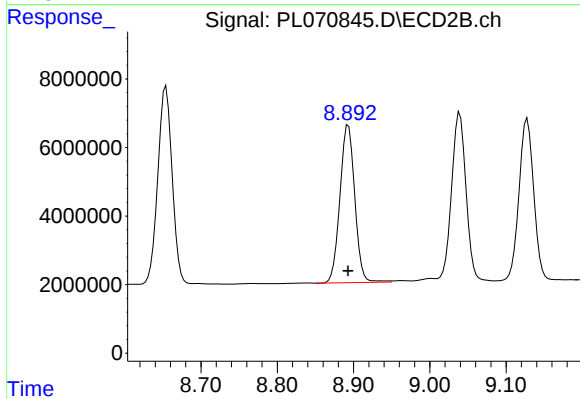
#13 Dieldrin

R.T.: 8.654 min  
Delta R.T.: 0.000 min  
Response: 75832734  
Conc: 52.04 ng/ml



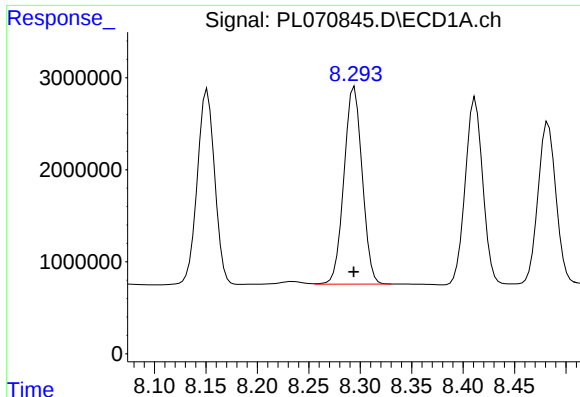
#14 Endrin

R.T.: 7.983 min  
Delta R.T.: 0.000 min  
Response: 26259936  
Conc: 46.32 ng/ml



#14 Endrin

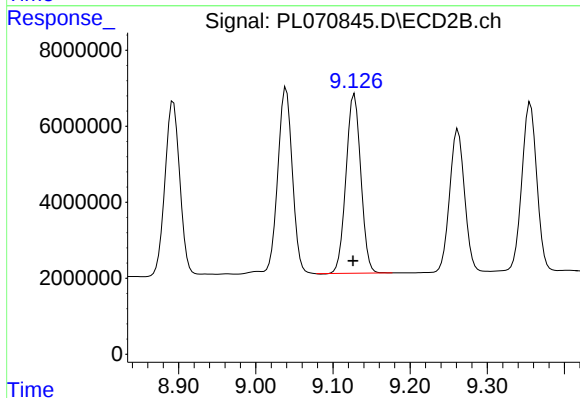
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 61999147  
Conc: 53.53 ng/ml



#15 Endosulfan II

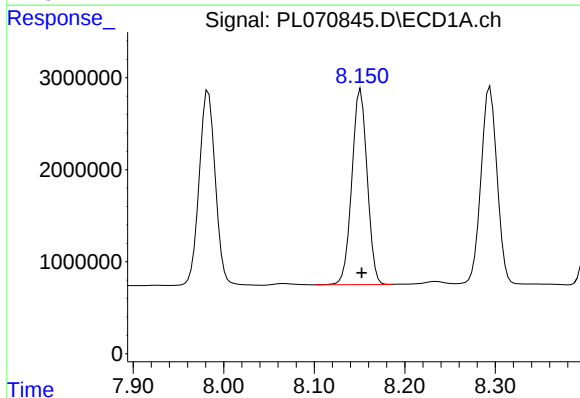
R.T.: 8.294 min  
Delta R.T.: 0.000 min  
Response: 26458681  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



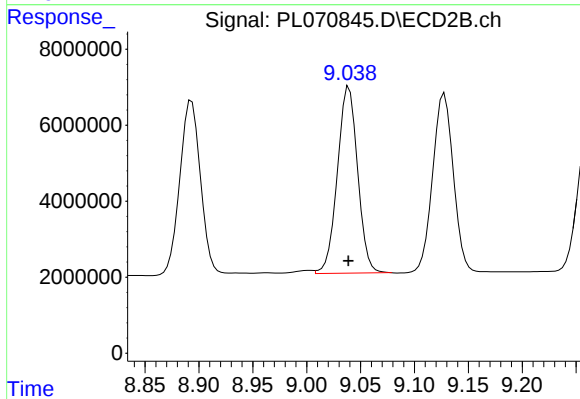
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.002 min  
Response: 62585603  
Conc: 51.24 ng/ml



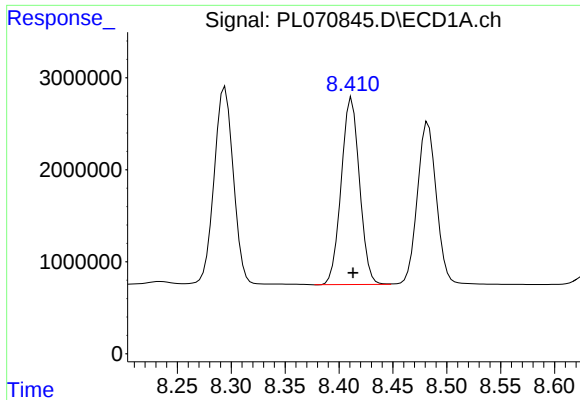
#16 4,4'-DDD

R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 25024165  
Conc: 49.25 ng/ml



#16 4,4'-DDD

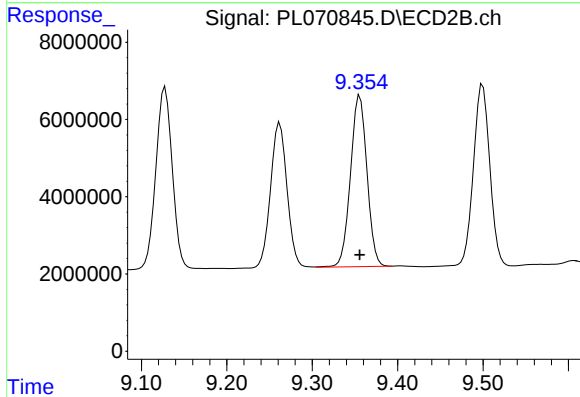
R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 64297643  
Conc: 53.43 ng/ml



#17 4,4'-DDT

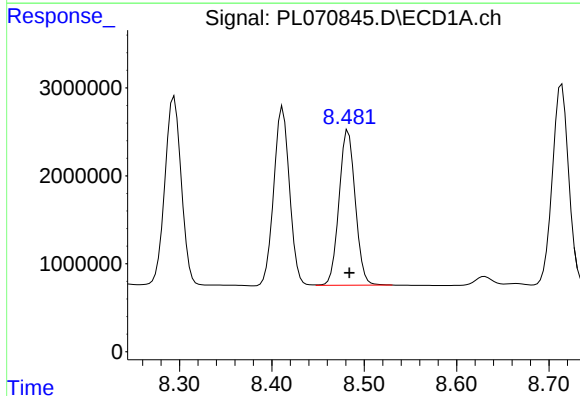
R.T.: 8.412 min  
Delta R.T.: -0.001 min  
Response: 24025884  
Conc: 43.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



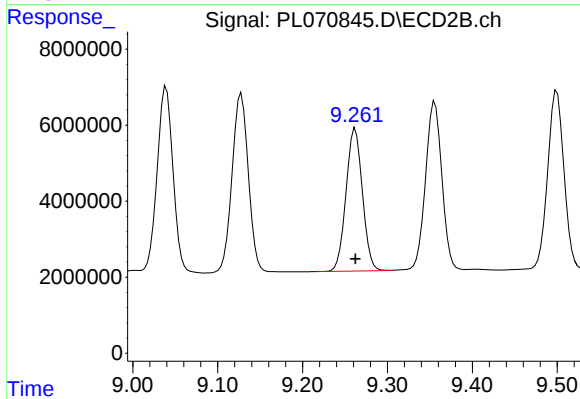
#17 4,4'-DDT

R.T.: 9.356 min  
Delta R.T.: 0.000 min  
Response: 59318892  
Conc: 47.02 ng/ml



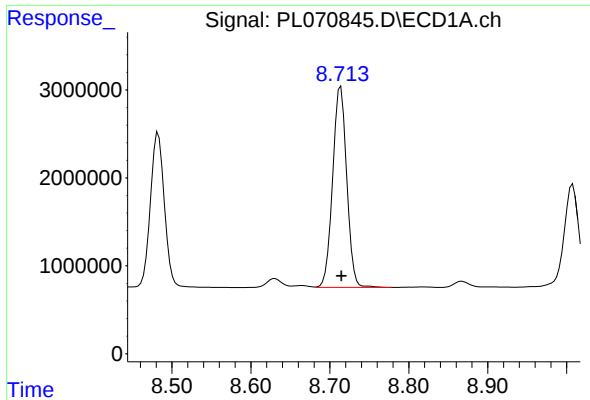
#18 Endrin aldehyde

R.T.: 8.483 min  
Delta R.T.: -0.001 min  
Response: 21570328  
Conc: 47.48 ng/ml



#18 Endrin aldehyde

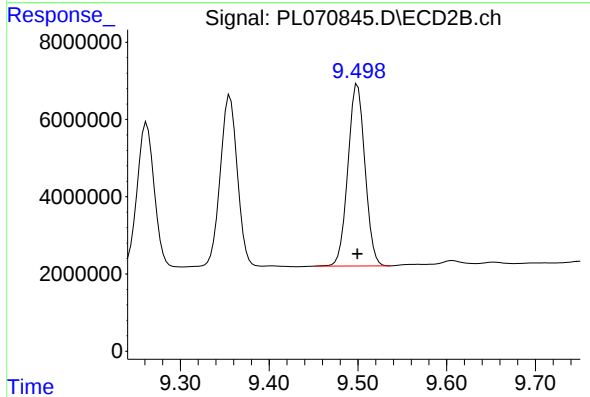
R.T.: 9.262 min  
Delta R.T.: 0.000 min  
Response: 50342052  
Conc: 52.06 ng/ml



#19 Endosulfan Sulfate

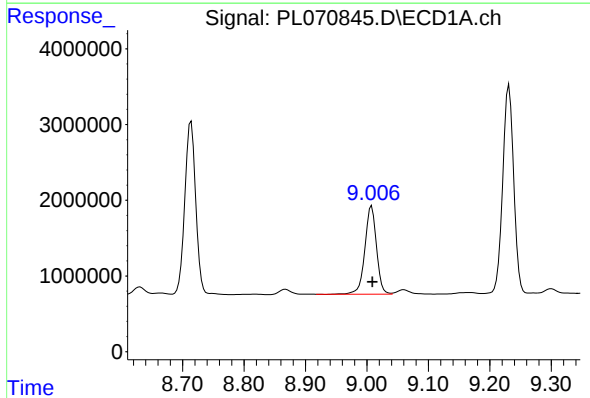
R.T.: 8.714 min  
Delta R.T.: 0.000 min  
Response: 28321807  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



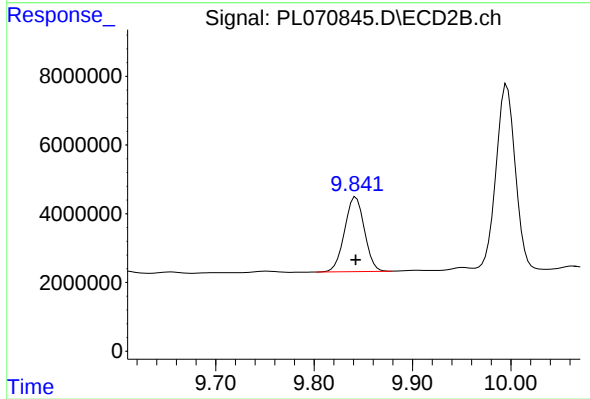
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: 0.000 min  
Response: 62891829  
Conc: 50.74 ng/ml



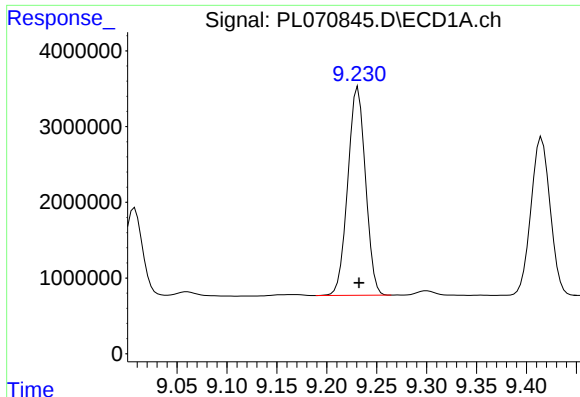
#20 Methoxychlor

R.T.: 9.008 min  
Delta R.T.: -0.001 min  
Response: 15257124  
Conc: 41.70 ng/ml



#20 Methoxychlor

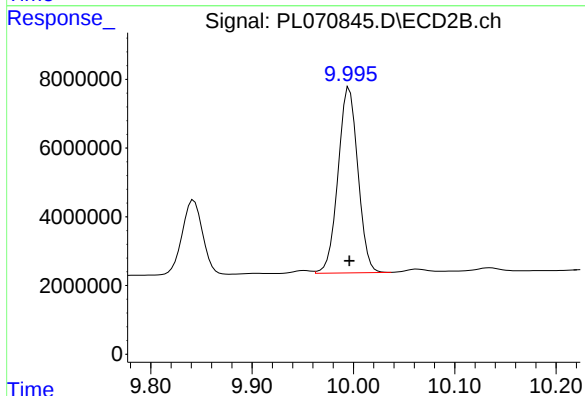
R.T.: 9.842 min  
Delta R.T.: 0.000 min  
Response: 30368683  
Conc: 44.87 ng/ml



#21 Endrin ketone

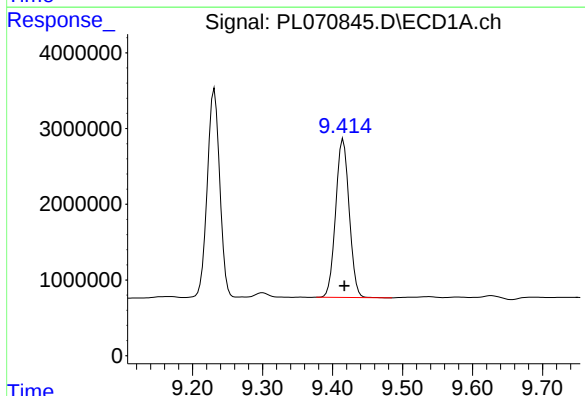
R.T.: 9.231 min  
Delta R.T.: 0.000 min  
Response: 33977480  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



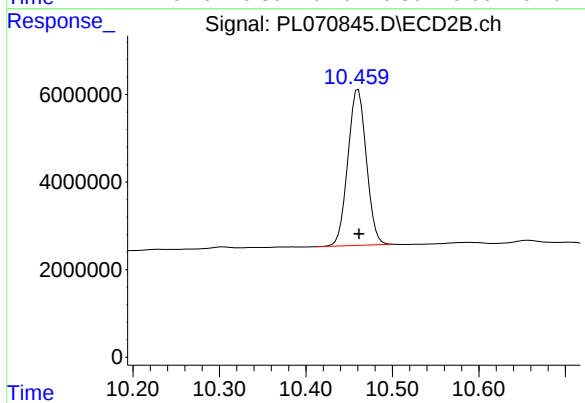
#21 Endrin ketone

R.T.: 9.996 min  
Delta R.T.: 0.000 min  
Response: 73391097  
Conc: 51.13 ng/ml



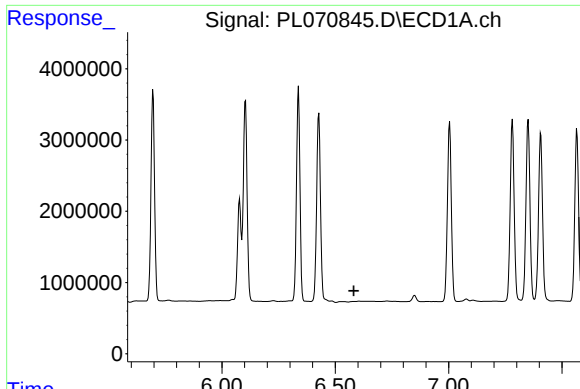
#22 Mirex

R.T.: 9.415 min  
Delta R.T.: -0.001 min  
Response: 28026830  
Conc: 45.64 ng/ml



#22 Mirex

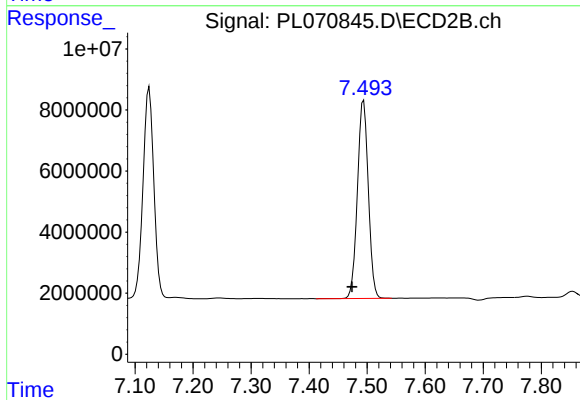
R.T.: 10.460 min  
Delta R.T.: 0.000 min  
Response: 52886662  
Conc: 50.77 ng/ml



#24 Chlordane-2

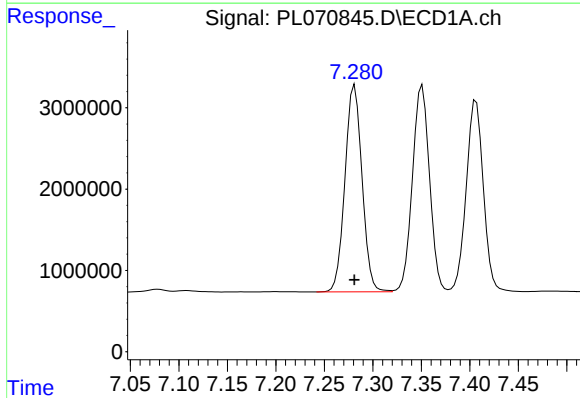
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



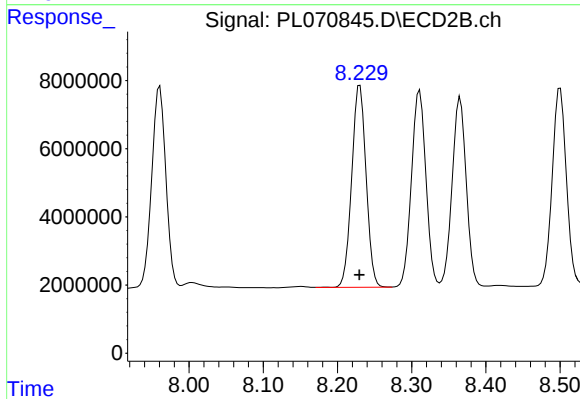
#24 Chlordane-2

R.T.: 7.494 min  
Delta R.T.: 0.020 min  
Response: 85059850  
Conc: 1621.58 ng/ml



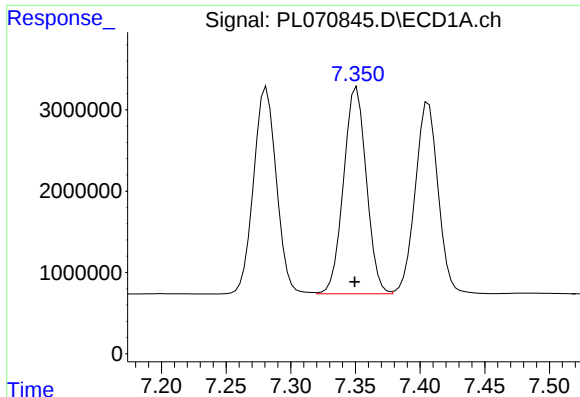
#25 Chlordane-3

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 31148364  
Conc: 510.19 ng/ml



#25 Chlordane-3

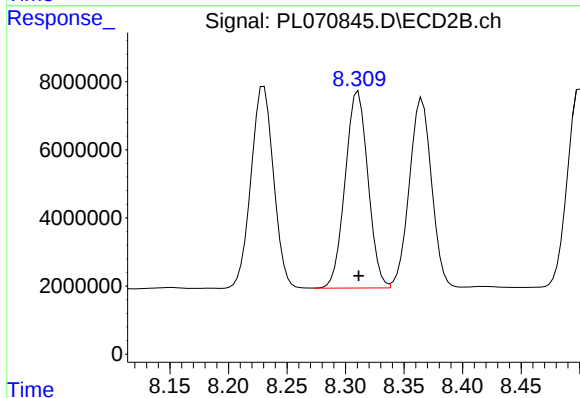
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 79663049  
Conc: 394.12 ng/ml



#26 Chlordane-4

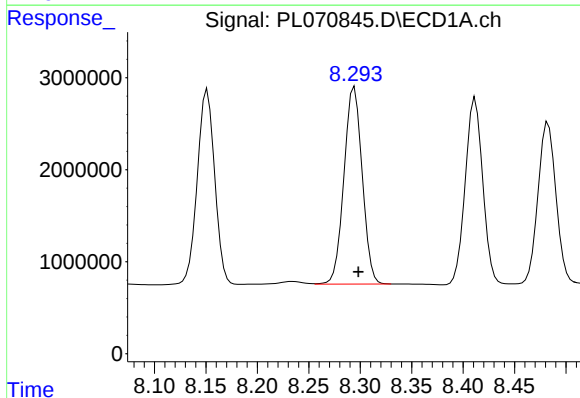
R.T.: 7.351 min  
Delta R.T.: 0.001 min  
Response: 31135779  
Conc: 474.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



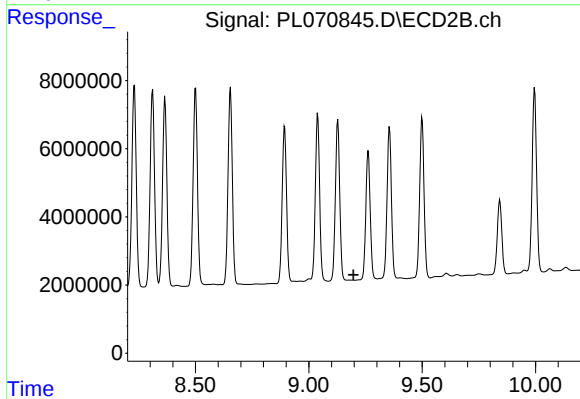
#26 Chlordane-4

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 78233464  
Conc: 322.39 ng/ml



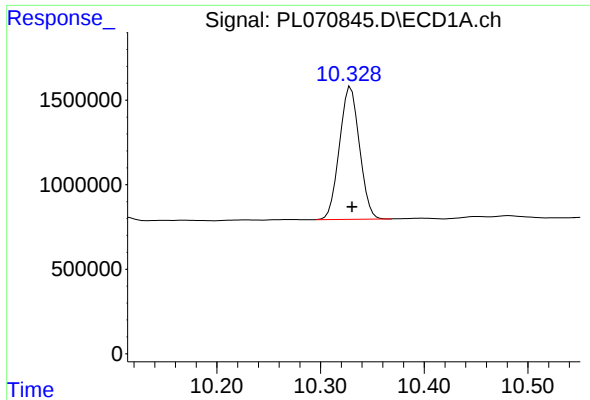
#27 Chlordane-5

R.T.: 8.294 min  
Delta R.T.: -0.004 min  
Response: 26458681  
Conc: 1183.42 ng/ml



#27 Chlordane-5

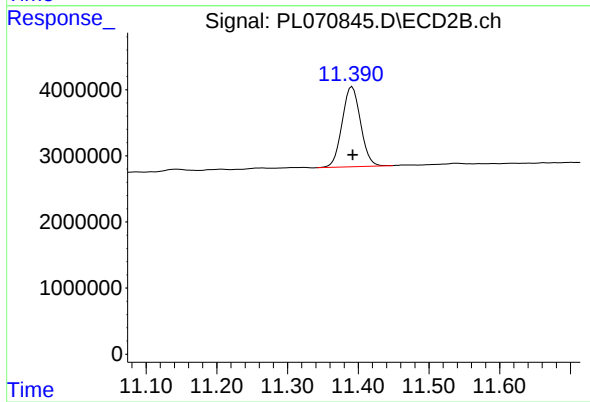
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.329 min  
Delta R.T.: -0.001 min  
Response: 10517719  
Conc: 15.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.391 min  
Delta R.T.: 0.000 min  
Response: 21995286  
Conc: 16.45 ng/ml