

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101121\  
 Data File : PL070239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2021 16:08  
 Operator : AR\AJ  
 Sample : PB139803BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

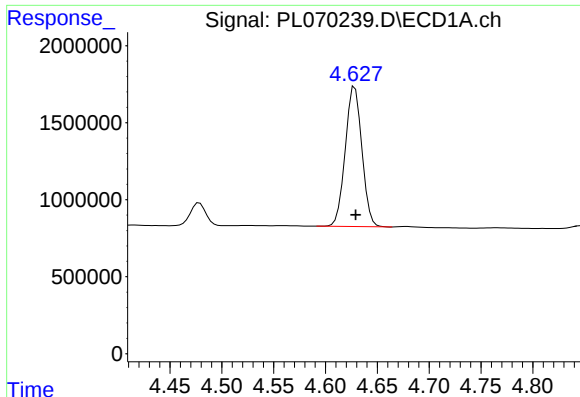
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 03:12:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 29 09:19:28 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.628  | 5.566  | 10142973 | 28588068 | 20.270   | 21.615     |
| 28)                         | SA Decachlor... | 10.396 | 11.490 | 12438941 | 22988349 | 17.976   | 18.996     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.335  | 6.147  | 36144014 | 103.2E6  | 48.829   | 52.770     |
| 3)                          | MA gamma-BHC... | 5.759  | 6.543  | 34230564 | 93760722 | 49.023   | 51.175     |
| 4)                          | MA Heptachlor   | 6.168  | 7.193  | 35583851 | 92335379 | 46.712   | 49.511     |
| 5)                          | MB Aldrin       | 6.493  | 7.564  | 33051870 | 83206797 | 45.790   | 48.291     |
| 6)                          | B beta-BHC      | 6.139  | 6.798  | 16234784 | 42930508 | 48.356   | 49.927     |
| 7)                          | B delta-BHC     | 6.400  | 7.066  | 31735047 | 86766877 | 45.904   | 44.827     |
| 8)                          | B Heptachlo...  | 7.070  | 8.031  | 32324406 | 75408463 | 46.097   | 48.656     |
| 9)                          | A Endosulfan I  | 7.473  | 8.437  | 30550522 | 65711677 | 45.714   | 44.664     |
| 10)                         | B gamma-Chl...  | 7.347  | 8.301  | 33195108 | 71381913 | 45.836   | 44.629     |
| 11)                         | B alpha-Chl...  | 7.417  | 8.381  | 33002950 | 69450687 | 45.314   | 44.036     |
| 12)                         | B 4,4'-DDE      | 7.630  | 8.569  | 29656313 | 69506528 | 46.596   | 44.876     |
| 13)                         | MA Dieldrin     | 7.759  | 8.726  | 31899880 | 67870464 | 46.429   | 44.461     |
| 14)                         | MA Endrin       | 8.051  | 8.966  | 30759871 | 56241765 | 48.676   | 44.774     |
| 15)                         | B Endosulfa...  | 8.361  | 9.200  | 29945689 | 52201500 | 47.205   | 43.685     |
| 16)                         | A 4,4'-DDD      | 8.216  | 9.109  | 25552962 | 52029378 | 45.561   | 44.046     |
| 17)                         | MA 4,4'-DDT     | 8.476  | 9.427  | 25889869 | 51232904 | 42.324   | 39.204     |
| 18)                         | B Endrin al...  | 8.549  | 9.335  | 25393849 | 47769075 | 51.253   | 49.526     |
| 19)                         | B Endosulfa...  | 8.780  | 9.573  | 29357664 | 53383867 | 44.498   | 43.623     |
| 20)                         | A Methoxychlor  | 9.070  | 9.913  | 15383719 | 24912538 | 41.199   | 38.496     |
| 21)                         | B Endrin ke...  | 9.299  | 10.071 | 32491956 | 59111573 | 42.522   | 44.190     |
| 22)                         | Mirex           | 9.486  | 10.538 | 27521841 | 43303438 | 41.726   | 43.957     |
| 24)                         | Chlordane-2     | 6.665f | 7.564f | 23330    | 83206797 | 0.924    | 1544.118 # |
| 25)                         | Chlordane-3     | 7.347  | 8.301  | 33195108 | 71381913 | 485.195  | 337.050 #  |
| 26)                         | Chlordane-4     | 7.417  | 8.381  | 33002950 | 69450687 | 451.588  | 273.258 #  |
| 27)                         | Chlordane-5     | 8.361  | 0.000  | 29945689 | 0        | 1505.713 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

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

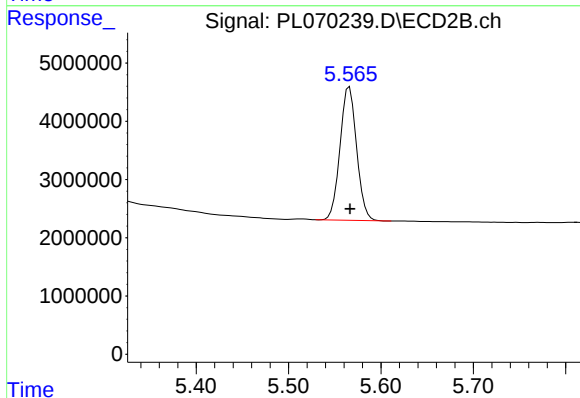




#1 Tetrachloro-m-xylene

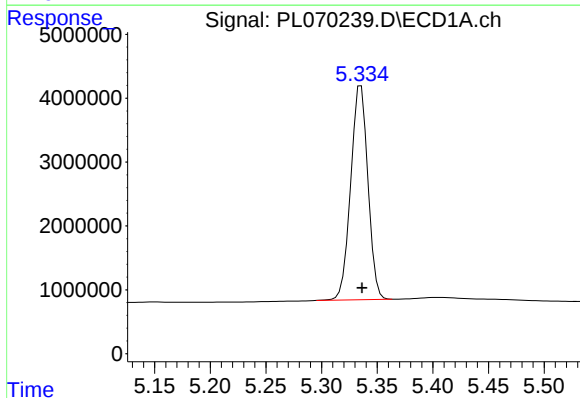
R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 10142973  
Conc: 20.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



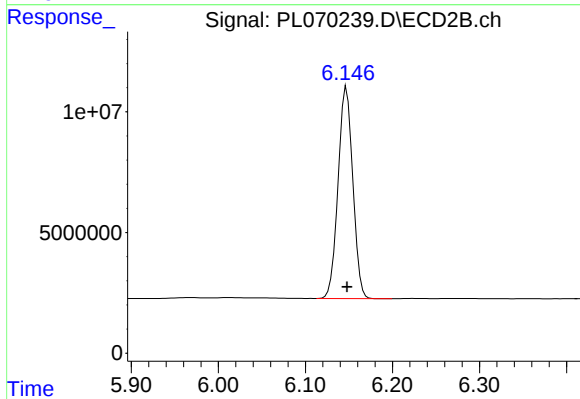
#1 Tetrachloro-m-xylene

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 28588068  
Conc: 21.61 ng/ml



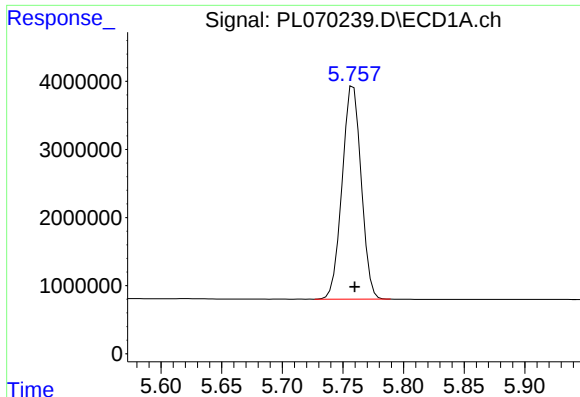
#2 alpha-BHC

R.T.: 5.335 min  
Delta R.T.: 0.000 min  
Response: 36144014  
Conc: 48.83 ng/ml



#2 alpha-BHC

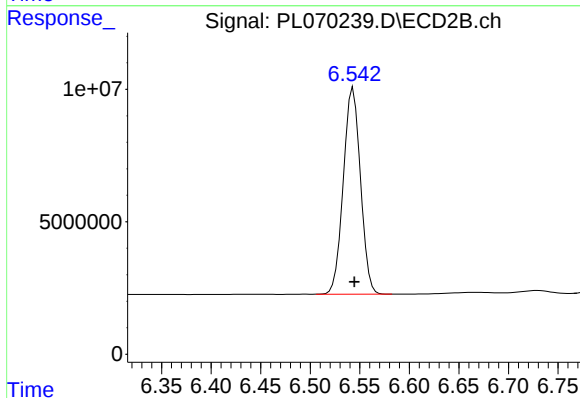
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 103214605  
Conc: 52.77 ng/ml



#3 gamma-BHC (Lindane)

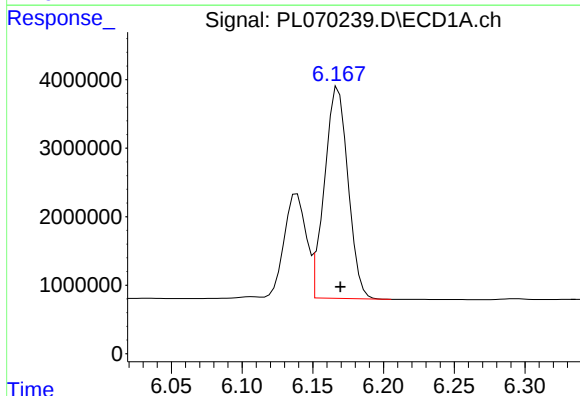
R.T.: 5.759 min  
Delta R.T.: -0.001 min  
Response: 34230564  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



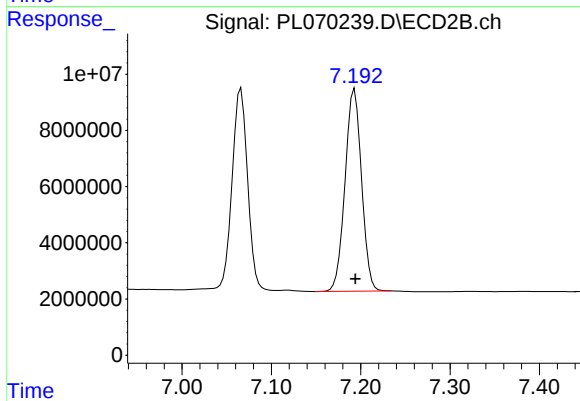
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.001 min  
Response: 93760722  
Conc: 51.18 ng/ml



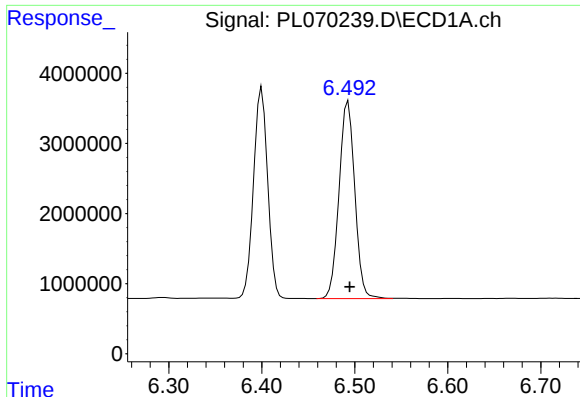
#4 Heptachlor

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 35583851  
Conc: 46.71 ng/ml



#4 Heptachlor

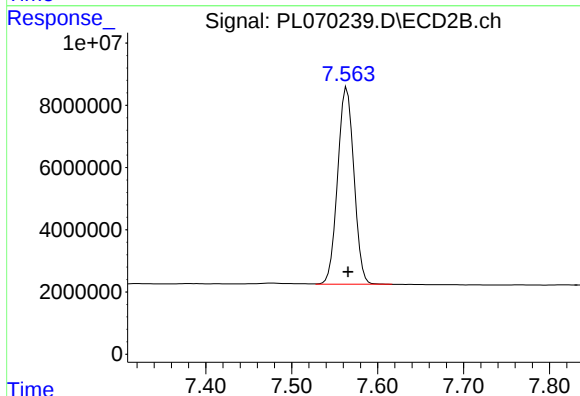
R.T.: 7.193 min  
Delta R.T.: -0.001 min  
Response: 92335379  
Conc: 49.51 ng/ml



#5 Aldrin

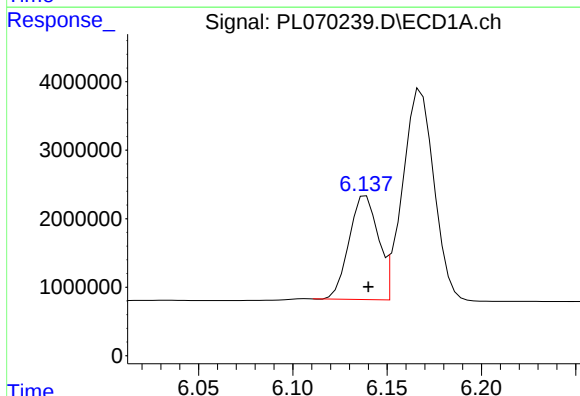
R.T.: 6.493 min  
Delta R.T.: -0.002 min  
Response: 33051870  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



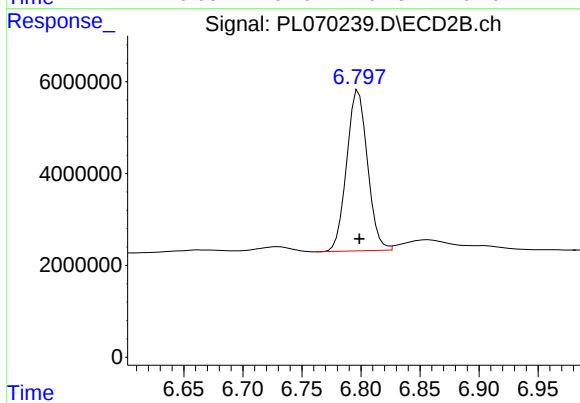
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.001 min  
Response: 83206797  
Conc: 48.29 ng/ml



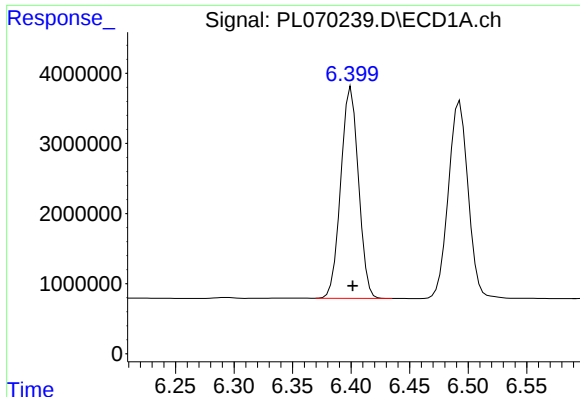
#6 beta-BHC

R.T.: 6.139 min  
Delta R.T.: -0.001 min  
Response: 16234784  
Conc: 48.36 ng/ml



#6 beta-BHC

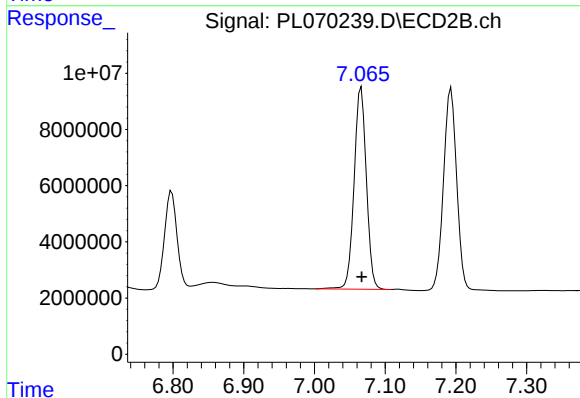
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 42930508  
Conc: 49.93 ng/ml



#7 delta-BHC

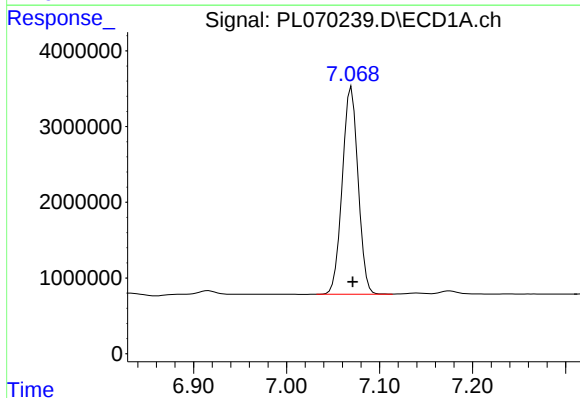
R.T.: 6.400 min  
Delta R.T.: -0.001 min  
Response: 31735047  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



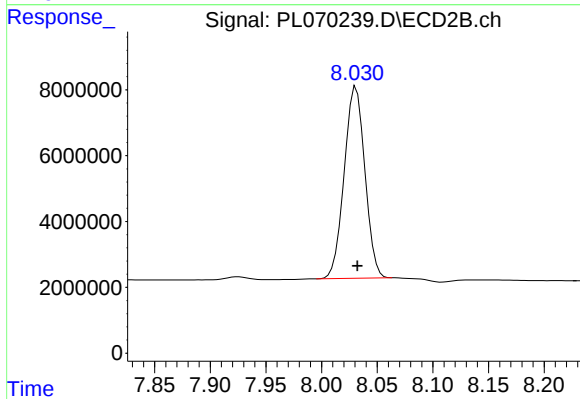
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 86766877  
Conc: 44.83 ng/ml



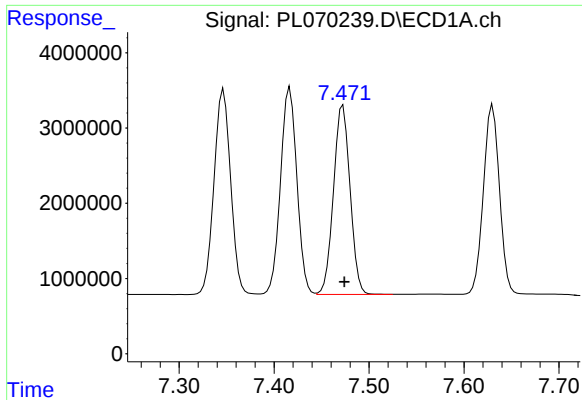
#8 Heptachlor epoxide

R.T.: 7.070 min  
Delta R.T.: -0.001 min  
Response: 32324406  
Conc: 46.10 ng/ml



#8 Heptachlor epoxide

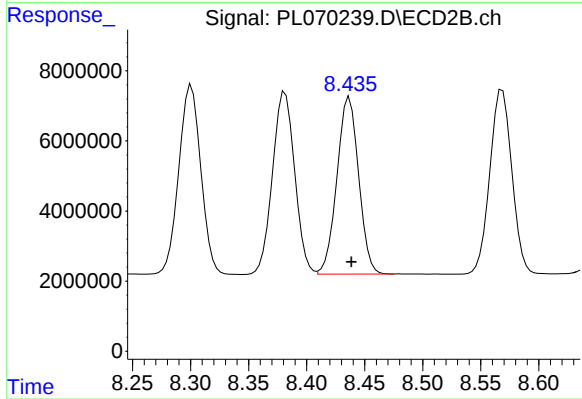
R.T.: 8.031 min  
Delta R.T.: -0.001 min  
Response: 75408463  
Conc: 48.66 ng/ml



#9 Endosulfan I

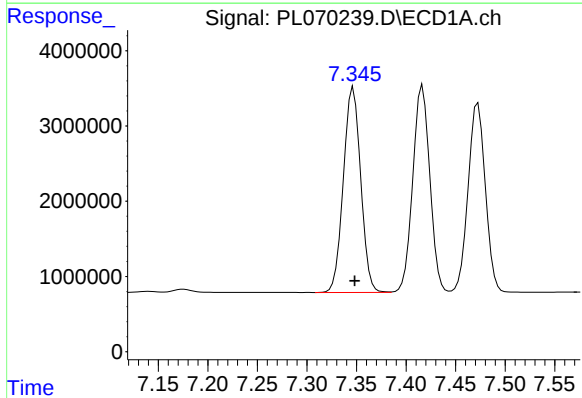
R.T.: 7.473 min  
Delta R.T.: -0.001 min  
Response: 30550522  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



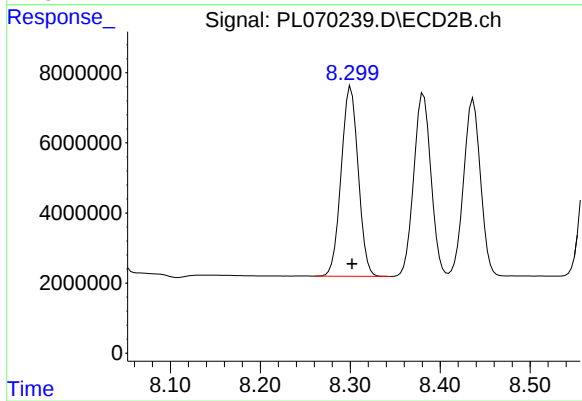
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 65711677  
Conc: 44.66 ng/ml



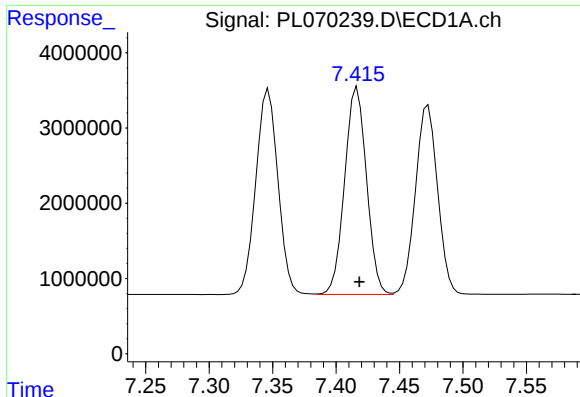
#10 gamma-Chlordane

R.T.: 7.347 min  
Delta R.T.: -0.001 min  
Response: 33195108  
Conc: 45.84 ng/ml



#10 gamma-Chlordane

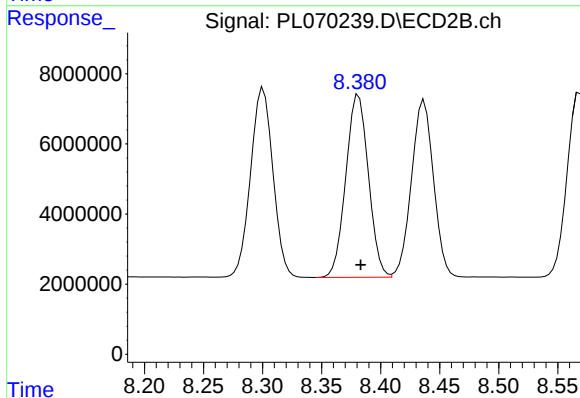
R.T.: 8.301 min  
Delta R.T.: -0.001 min  
Response: 71381913  
Conc: 44.63 ng/ml



#11 alpha-Chlordane

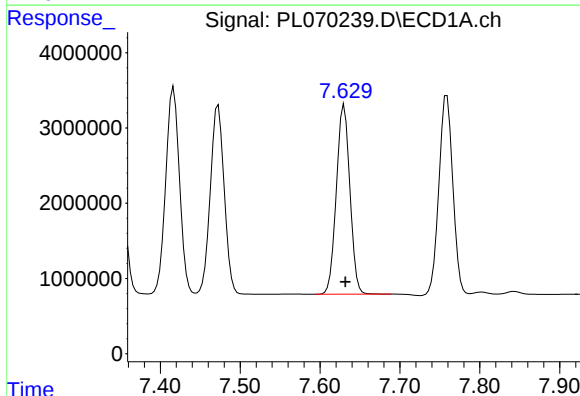
R.T.: 7.417 min  
Delta R.T.: -0.002 min  
Response: 33002950  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



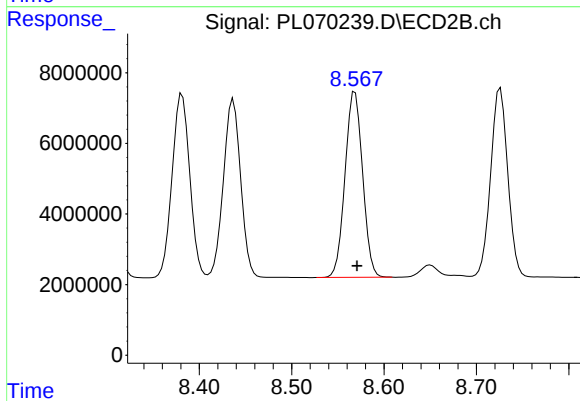
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 69450687  
Conc: 44.04 ng/ml



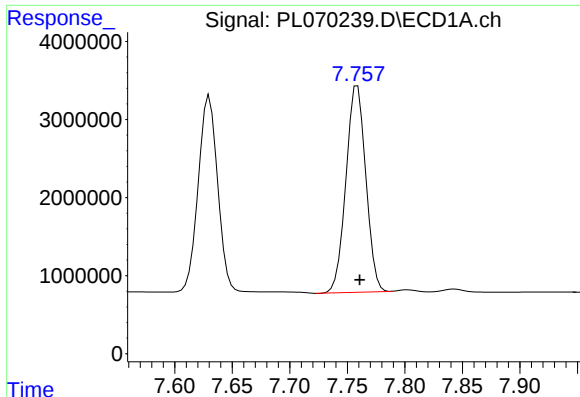
#12 4,4'-DDE

R.T.: 7.630 min  
Delta R.T.: -0.001 min  
Response: 29656313  
Conc: 46.60 ng/ml



#12 4,4'-DDE

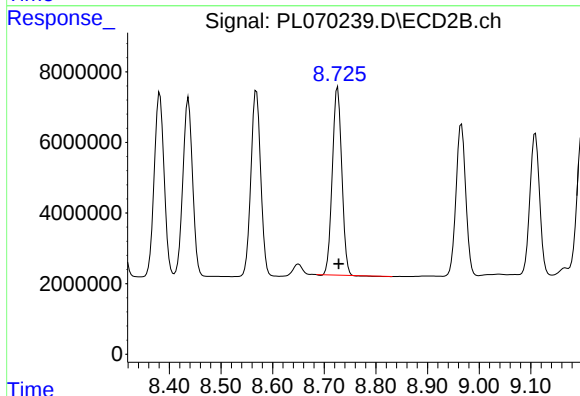
R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 69506528  
Conc: 44.88 ng/ml



#13 Dieldrin

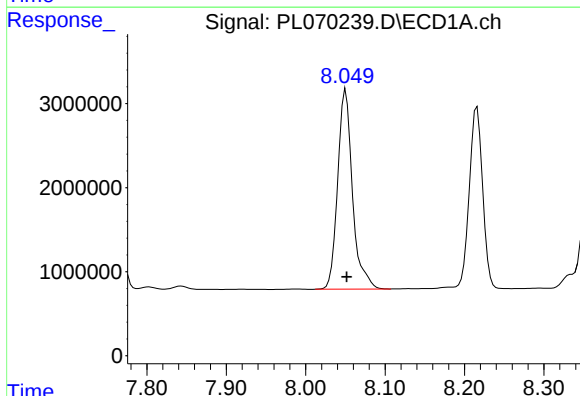
R.T.: 7.759 min  
Delta R.T.: -0.002 min  
Response: 31899880  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



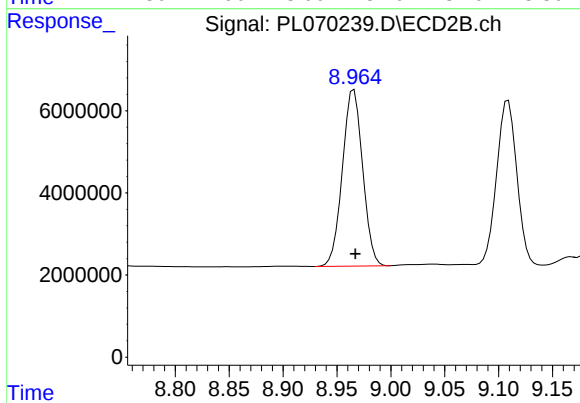
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.002 min  
Response: 67870464  
Conc: 44.46 ng/ml



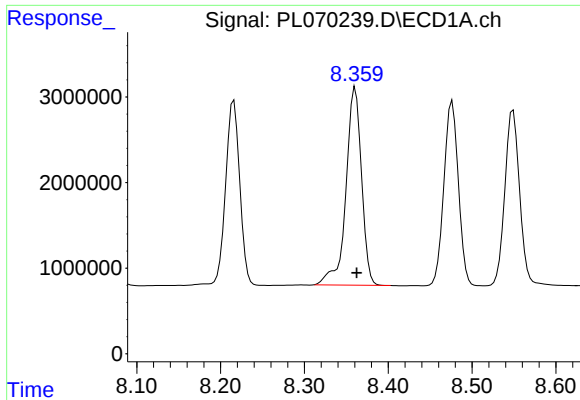
#14 Endrin

R.T.: 8.051 min  
Delta R.T.: -0.001 min  
Response: 30759871  
Conc: 48.68 ng/ml



#14 Endrin

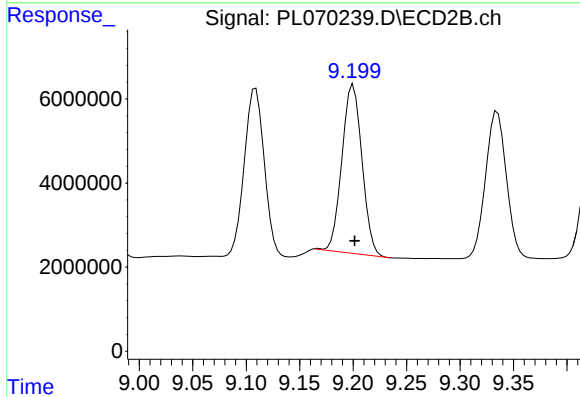
R.T.: 8.966 min  
Delta R.T.: -0.001 min  
Response: 56241765  
Conc: 44.77 ng/ml



#15 Endosulfan II

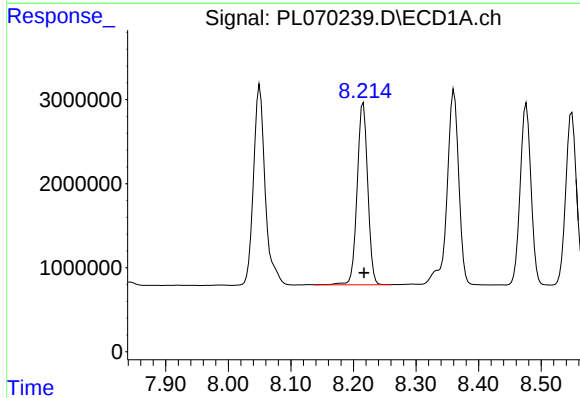
R.T.: 8.361 min  
Delta R.T.: -0.002 min  
Response: 29945689  
Conc: 47.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



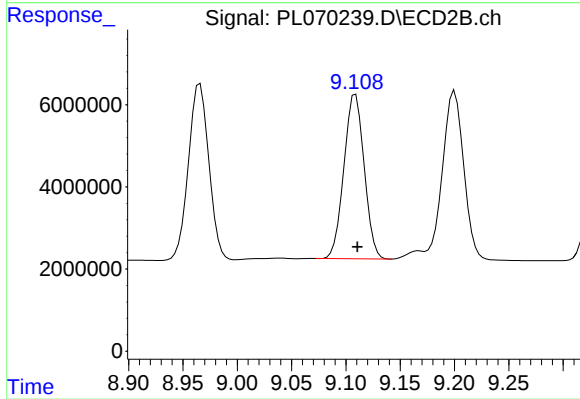
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: -0.001 min  
Response: 52201500  
Conc: 43.69 ng/ml



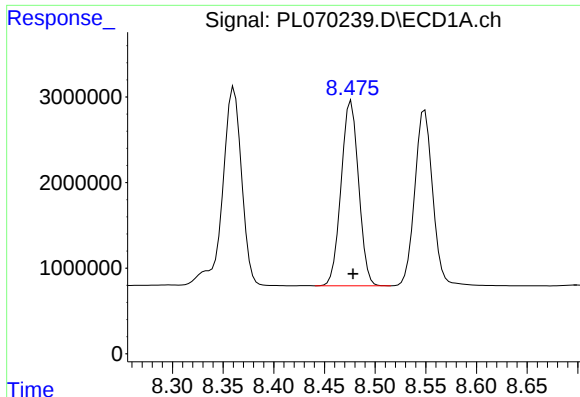
#16 4,4'-DDD

R.T.: 8.216 min  
Delta R.T.: -0.001 min  
Response: 25552962  
Conc: 45.56 ng/ml



#16 4,4'-DDD

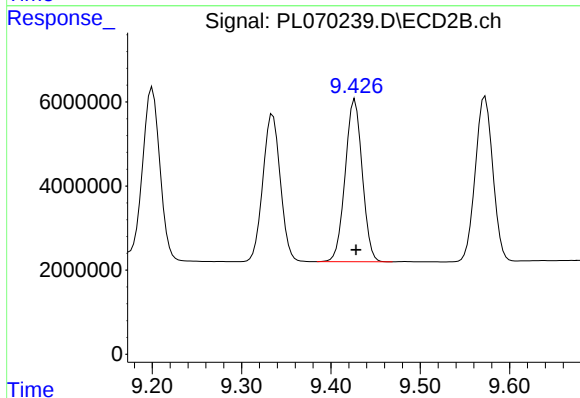
R.T.: 9.109 min  
Delta R.T.: -0.002 min  
Response: 52029378  
Conc: 44.05 ng/ml



#17 4,4'-DDT

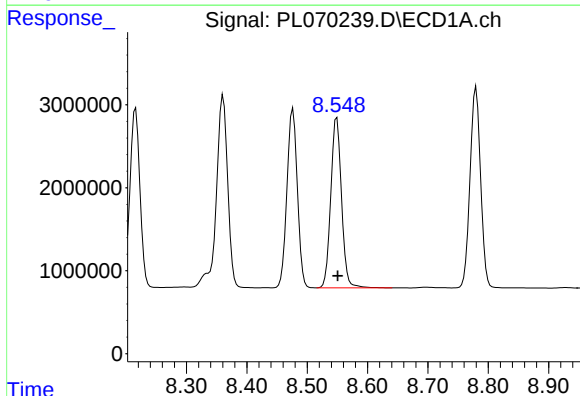
R.T.: 8.476 min  
Delta R.T.: -0.002 min  
Response: 25889869  
Conc: 42.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



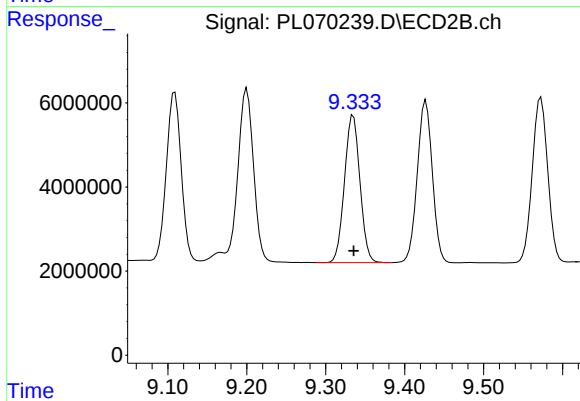
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: -0.001 min  
Response: 51232904  
Conc: 39.20 ng/ml



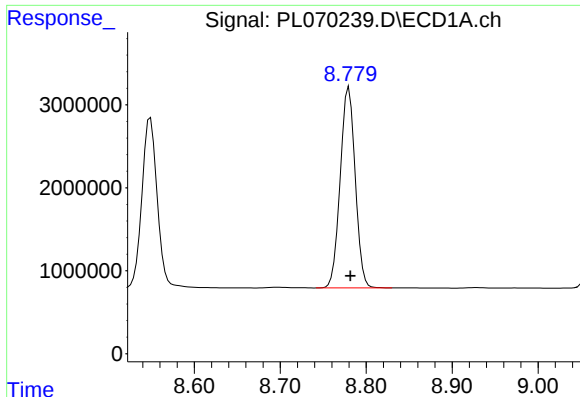
#18 Endrin aldehyde

R.T.: 8.549 min  
Delta R.T.: -0.002 min  
Response: 25393849  
Conc: 51.25 ng/ml



#18 Endrin aldehyde

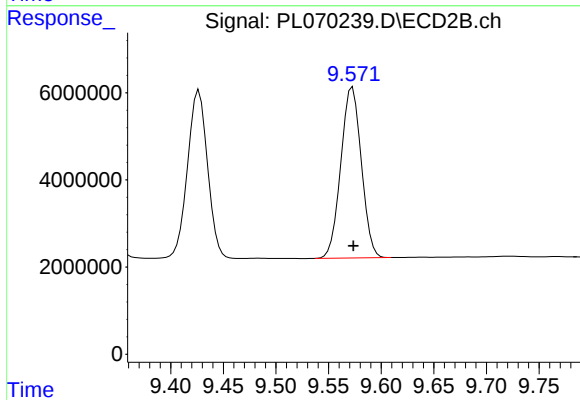
R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 47769075  
Conc: 49.53 ng/ml



#19 Endosulfan Sulfate

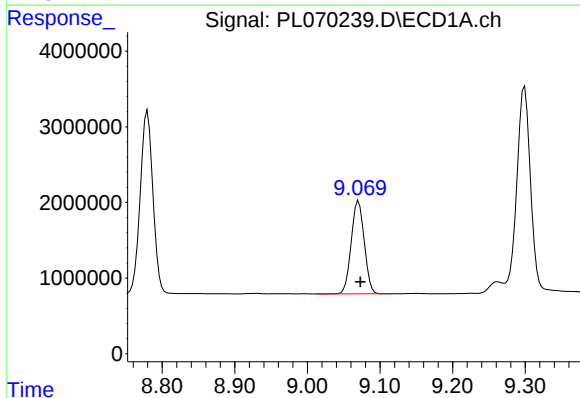
R.T.: 8.780 min  
Delta R.T.: -0.002 min  
Response: 29357664  
Conc: 44.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



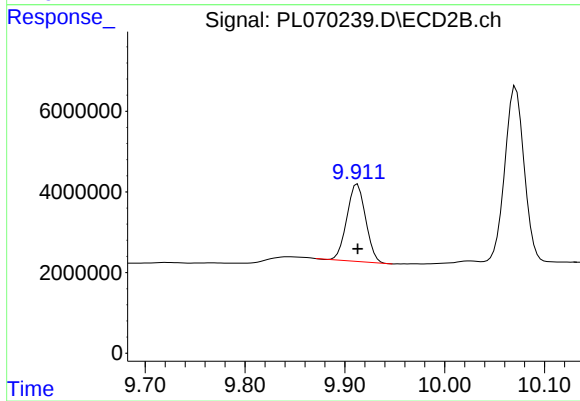
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 53383867  
Conc: 43.62 ng/ml



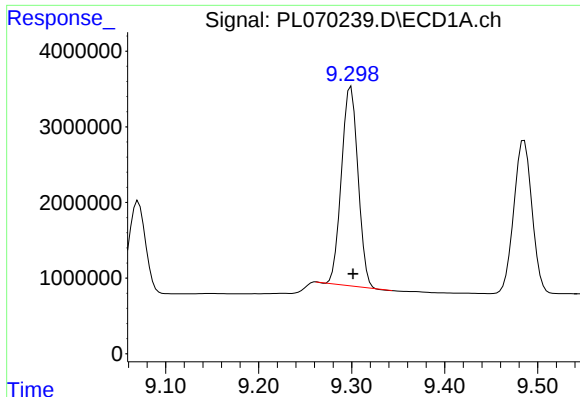
#20 Methoxychlor

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 15383719  
Conc: 41.20 ng/ml



#20 Methoxychlor

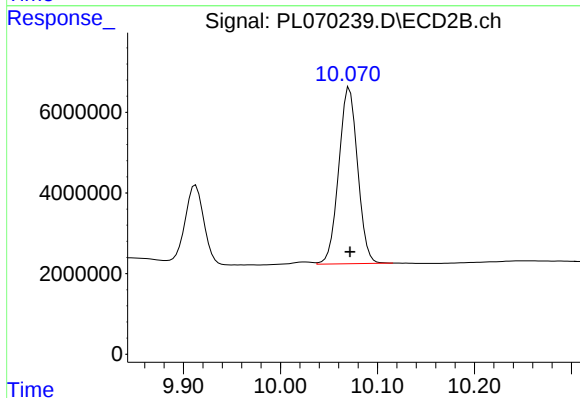
R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 24912538  
Conc: 38.50 ng/ml



#21 Endrin ketone

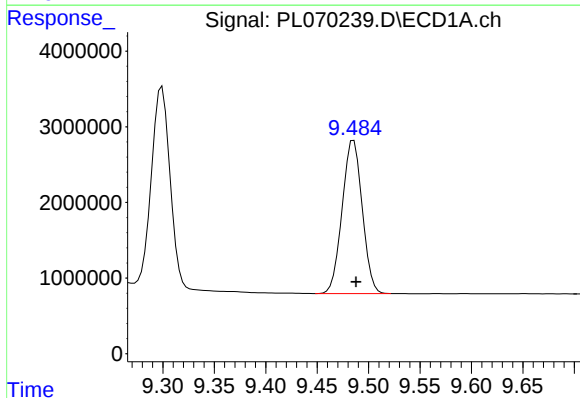
R.T.: 9.299 min  
Delta R.T.: -0.002 min  
Response: 32491956  
Conc: 42.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



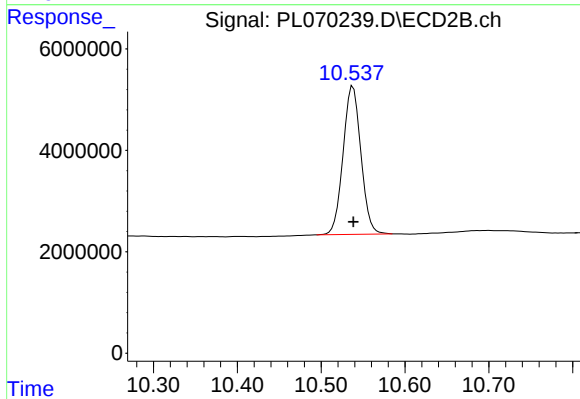
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 59111573  
Conc: 44.19 ng/ml



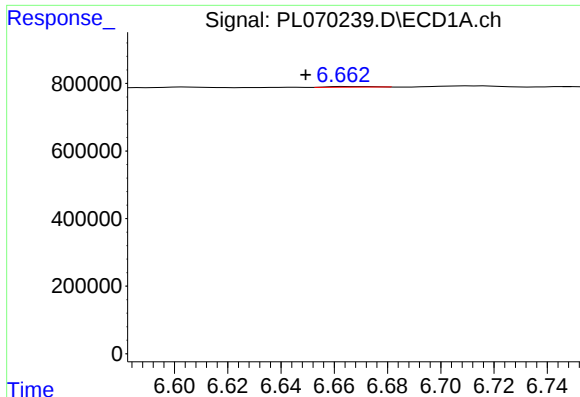
#22 Mirex

R.T.: 9.486 min  
Delta R.T.: -0.002 min  
Response: 27521841  
Conc: 41.73 ng/ml



#22 Mirex

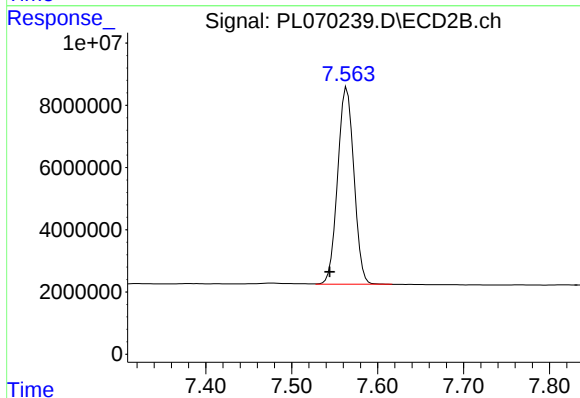
R.T.: 10.538 min  
Delta R.T.: 0.000 min  
Response: 43303438  
Conc: 43.96 ng/ml



#24 Chlordane-2

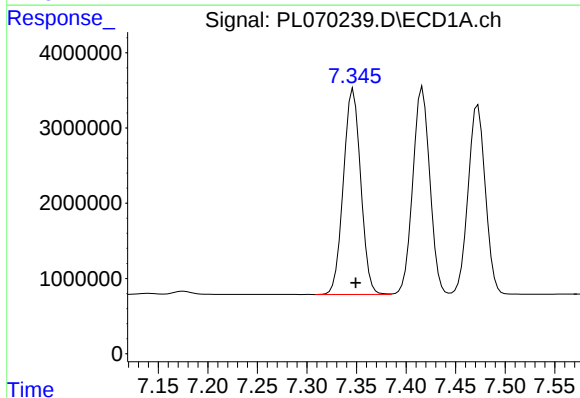
R.T.: 6.665 min  
Delta R.T.: 0.015 min  
Response: 23330  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



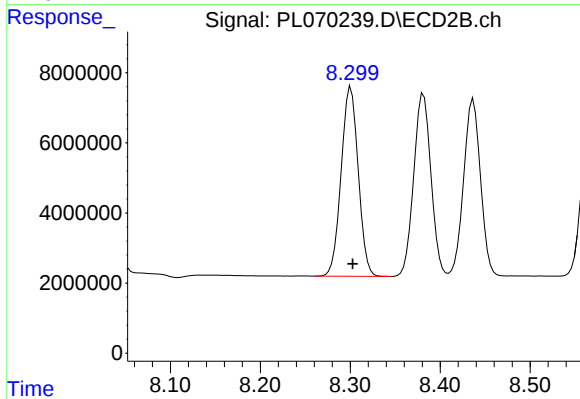
#24 Chlordane-2

R.T.: 7.564 min  
Delta R.T.: 0.020 min  
Response: 83206797  
Conc: 1544.12 ng/ml



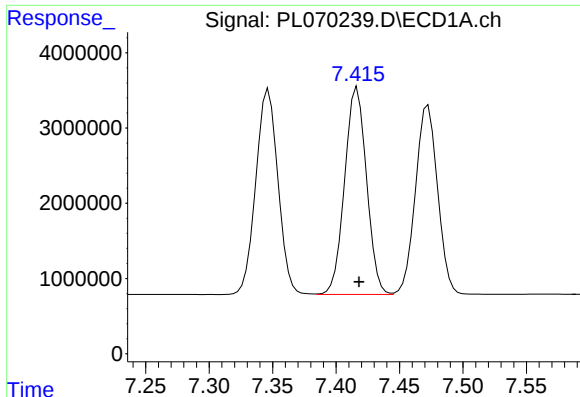
#25 Chlordane-3

R.T.: 7.347 min  
Delta R.T.: -0.002 min  
Response: 33195108  
Conc: 485.19 ng/ml



#25 Chlordane-3

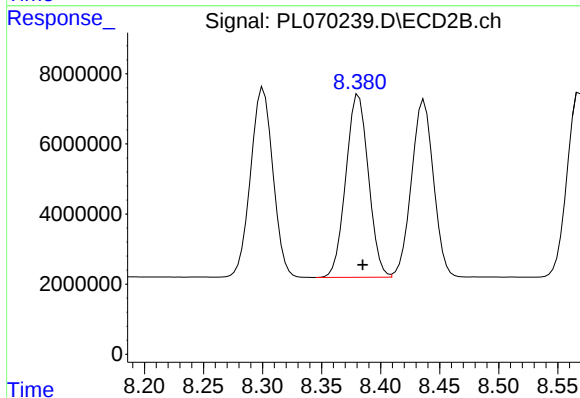
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 71381913  
Conc: 337.05 ng/ml



#26 Chlordane-4

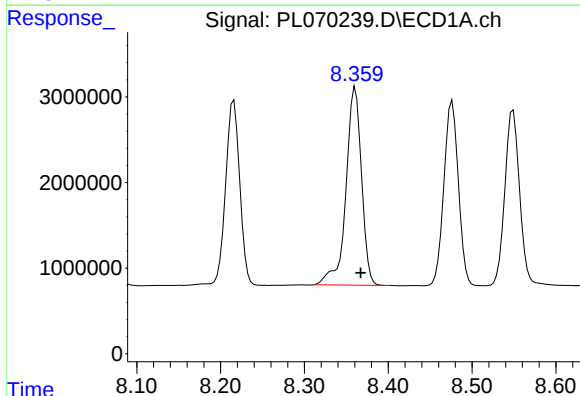
R.T.: 7.417 min  
Delta R.T.: -0.001 min  
Response: 33002950  
Conc: 451.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



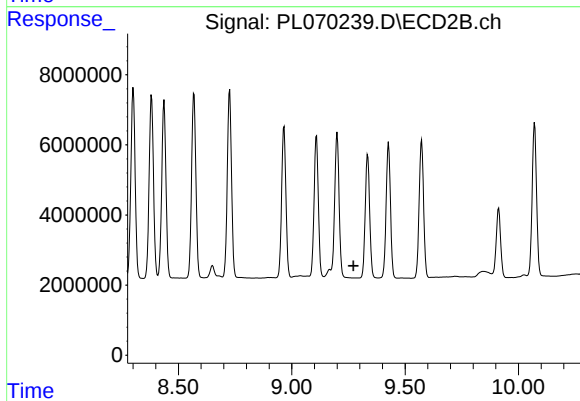
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.003 min  
Response: 69450687  
Conc: 273.26 ng/ml



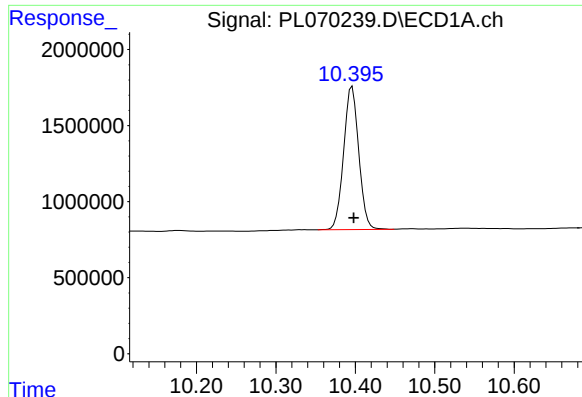
#27 Chlordane-5

R.T.: 8.361 min  
Delta R.T.: -0.006 min  
Response: 29945689  
Conc: 1505.71 ng/ml



#27 Chlordane-5

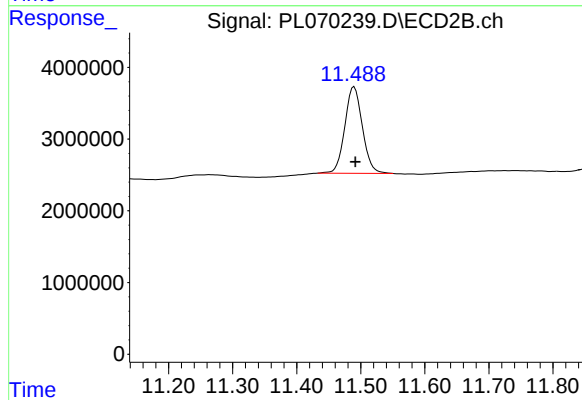
R.T.: 0.000 min  
Exp R.T.: 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.396 min  
Delta R.T.: -0.002 min  
Response: 12438941  
Conc: 17.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: -0.002 min  
Response: 22988349  
Conc: 19.00 ng/ml