

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
 Data File : PL094113-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2025 14:24  
 Operator : AR\AJ  
 Sample : PB166620BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 10 21:08:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|-----------|
| -----                       |                 |       |       |          |          |        |           |
| System Monitoring Compounds |                 |       |       |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.543 | 2.774 | 55502170 | 64119739 | 20.612 | 19.644    |
| 28)                         | SA Decachlor... | 9.057 | 7.909 | 41331946 | 70316221 | 19.758 | 20.067    |
| Target Compounds            |                 |       |       |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.999 | 3.276 | 43476430 | 48692202 | 11.340 | 9.960     |
| 3)                          | MA gamma-BHC... | 4.332 | 3.607 | 40722501 | 48170507 | 11.057 | 10.160    |
| 4)                          | MA Heptachlor   | 4.919 | 3.945 | 40482227 | 49459042 | 12.352 | 10.625    |
| 5)                          | MB Aldrin       | 5.260 | 4.224 | 37948697 | 49226485 | 11.598 | 10.791    |
| 6)                          | B beta-BHC      | 4.530 | 3.907 | 18042680 | 22701283 | 11.225 | 11.365    |
| 7)                          | B delta-BHC     | 4.776 | 4.135 | 46730481 | 47676711 | 13.331 | 10.035    |
| 8)                          | B Heptachlo...  | 5.687 | 4.727 | 36701182 | 44818948 | 12.341 | 10.722    |
| 9)                          | A Endosulfan I  | 6.072 | 5.096 | 30708571 | 32790452 | 11.619 | 8.458 #   |
| 10)                         | B gamma-Chl...  | 5.943 | 4.977 | 31848836 | 46450100 | 11.426 | 10.961    |
| 11)                         | B alpha-Chl...  | 6.022 | 5.041 | 32317907 | 45193264 | 11.590 | 10.795    |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.229 | 29455439 | 46477965 | 12.099 | 11.592    |
| 13)                         | MA Dieldrin     | 6.347 | 5.361 | 31367388 | 44527159 | 11.300 | 10.366    |
| 14)                         | MA Endrin       | 6.577 | 5.636 | 35250465 | 42373003 | 15.033 | 11.475    |
| 15)                         | B Endosulfa...  | 6.797 | 5.931 | 27858975 | 39787407 | 11.563 | 10.742    |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.784 | 23635443 | 34833672 | 12.436 | 11.035    |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.034 | 23935087 | 36083491 | 12.137 | 11.089    |
| 18)                         | B Endrin al...  | 6.927 | 6.110 | 22237729 | 32797749 | 11.439 | 10.772    |
| 19)                         | B Endosulfa...  | 7.161 | 6.333 | 27141474 | 37841758 | 11.990 | 10.612    |
| 20)                         | A Methoxychlor  | 7.502 | 6.610 | 12569163 | 15774853 | 12.046 | 8.822 #   |
| 21)                         | B Endrin ke...  | 7.646 | 6.838 | 28709344 | 39927795 | 11.381 | 9.517     |
| 22)                         | Mirex           | 8.119 | 7.018 | 23850716 | 38551033 | 11.453 | 11.399    |
| 23)                         | Chlordane-1     | 0.000 | 3.765 | 0        | 767353   | N.D.   | 6.149 #   |
| 25)                         | Chlordane-3     | 5.943 | 4.977 | 31848836 | 46450100 | 81.192 | 106.826 # |
| 26)                         | Chlordane-4     | 6.022 | 5.041 | 32317907 | 45193264 | 68.746 | 106.671 # |
| 27)                         | Chlordane-5     | 0.000 | 5.931 | 0        | 39787407 | N.D.   | 259.772 # |
| -----                       |                 |       |       |          |          |        |           |

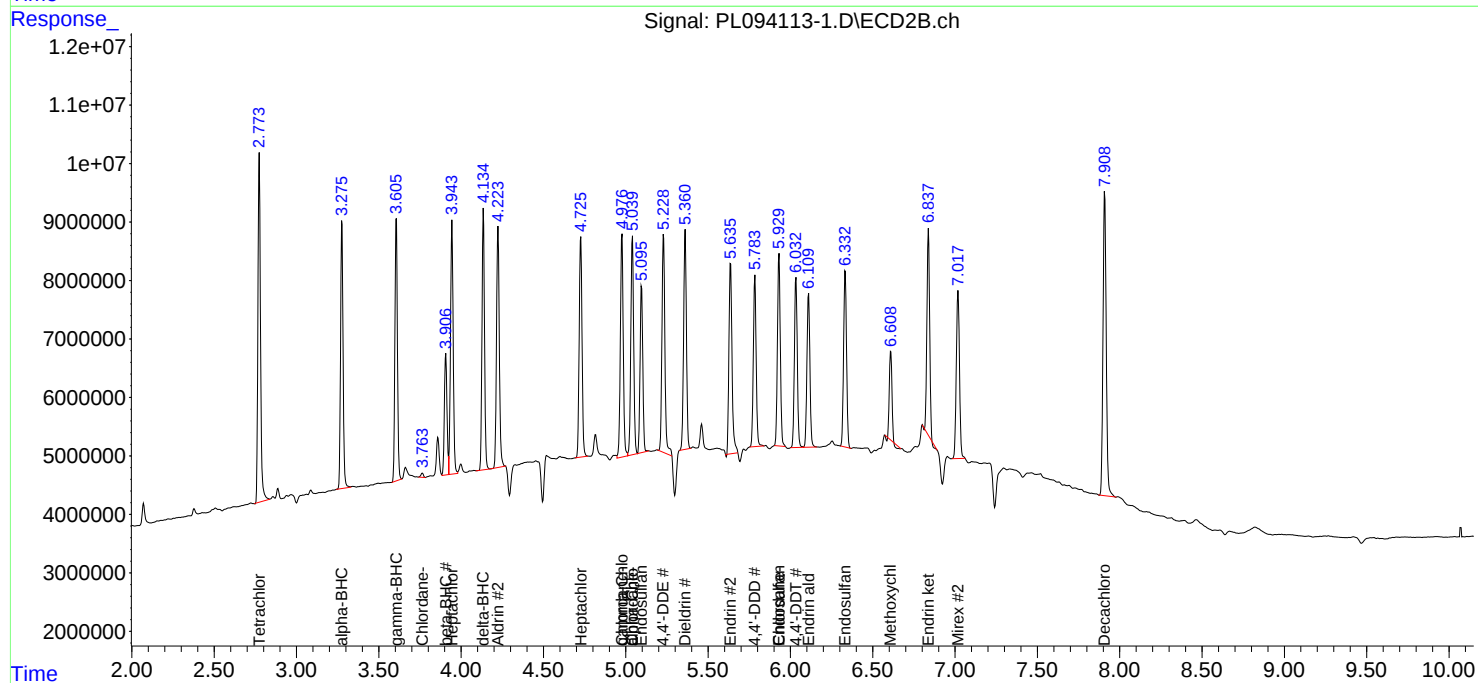
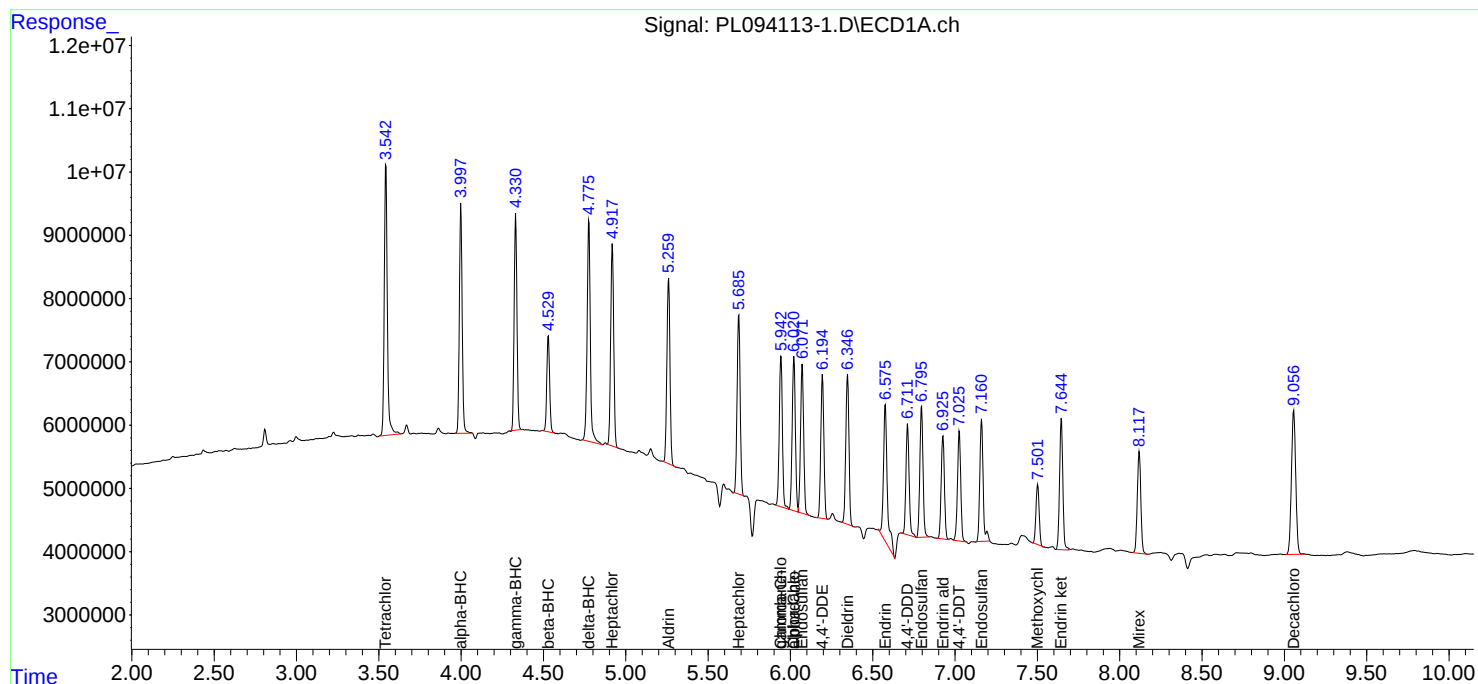
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

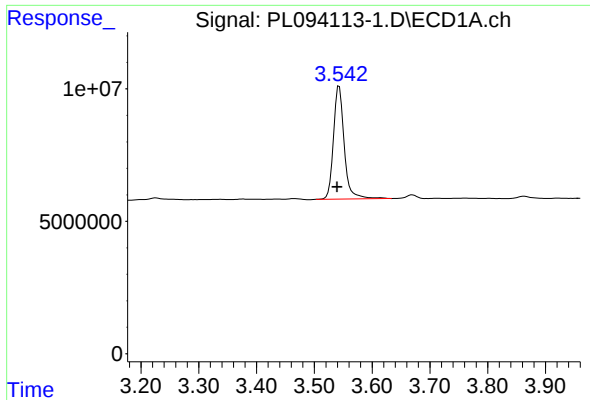
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
Data File : PL094113-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2025 14:24  
Operator : AR\AJ  
Sample : PB166620BSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 21:08:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

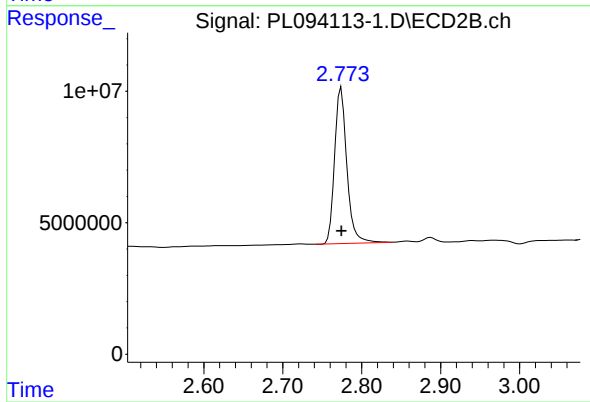




#1 Tetrachloro-m-xylene

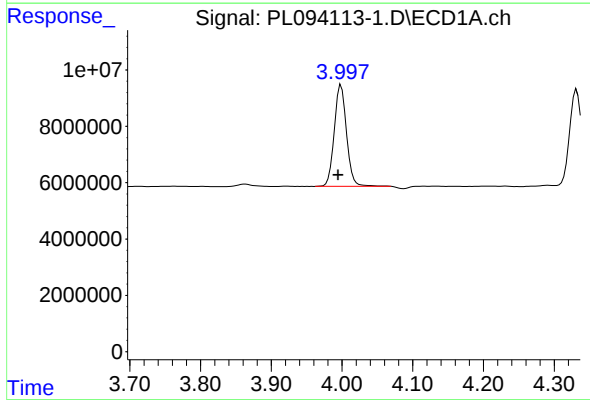
R.T.: 3.543 min  
Delta R.T.: 0.004 min  
Response: 55502170  
Conc: 20.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



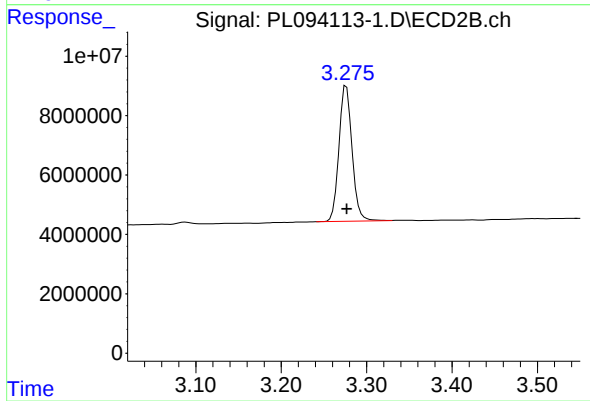
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 64119739  
Conc: 19.64 ng/ml



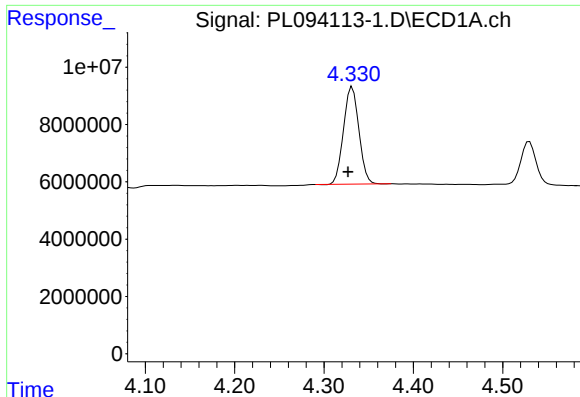
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.004 min  
Response: 43476430  
Conc: 11.34 ng/ml



#2 alpha-BHC

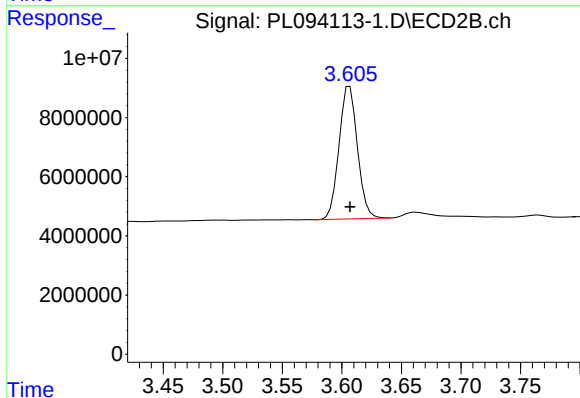
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 48692202  
Conc: 9.96 ng/ml



#3 gamma-BHC (Lindane)

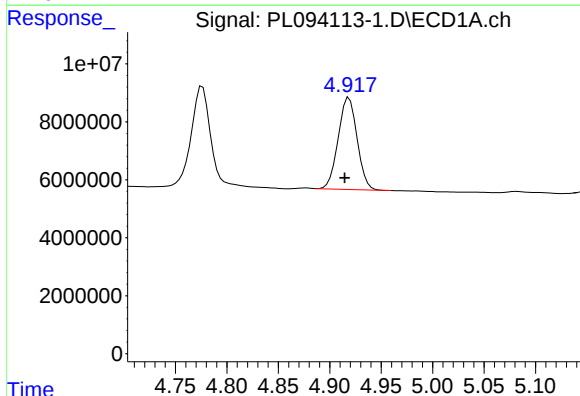
R.T.: 4.332 min  
Delta R.T.: 0.005 min  
Response: 40722501  
Conc: 11.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



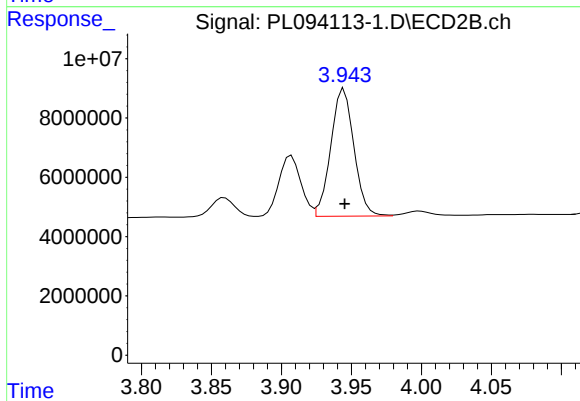
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 48170507  
Conc: 10.16 ng/ml



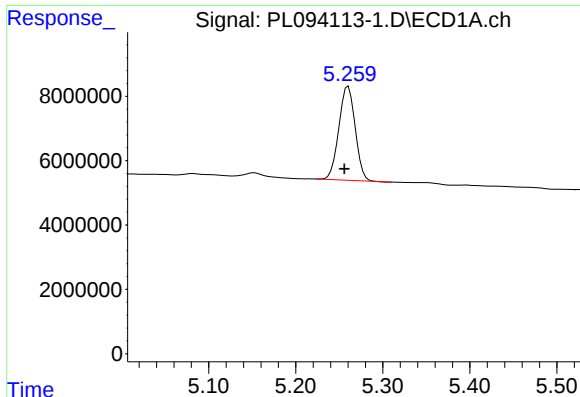
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: 0.004 min  
Response: 40482227  
Conc: 12.35 ng/ml



#4 Heptachlor

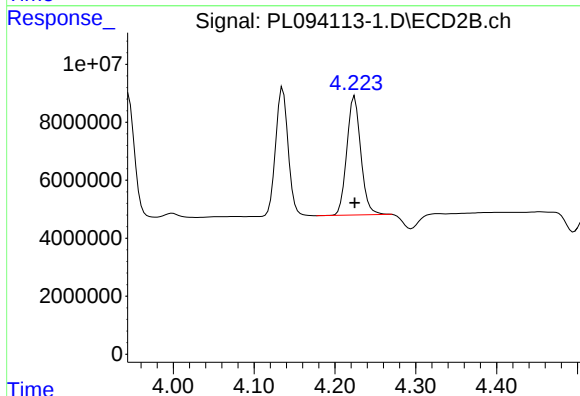
R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 49459042  
Conc: 10.63 ng/ml



#5 Aldrin

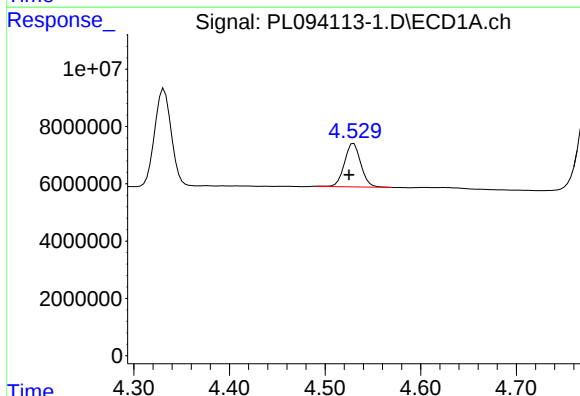
R.T.: 5.260 min  
Delta R.T.: 0.005 min  
Response: 37948697  
Conc: 11.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



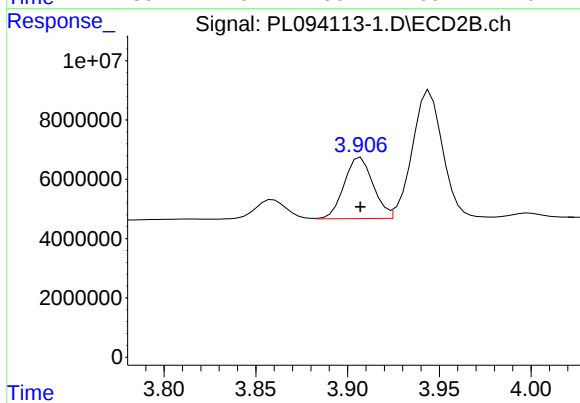
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 49226485  
Conc: 10.79 ng/ml



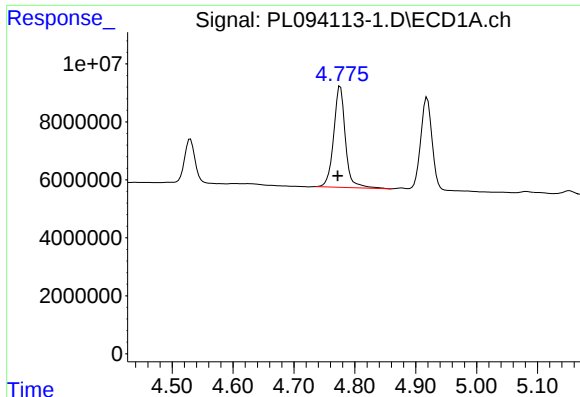
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.005 min  
Response: 18042680  
Conc: 11.23 ng/ml



#6 beta-BHC

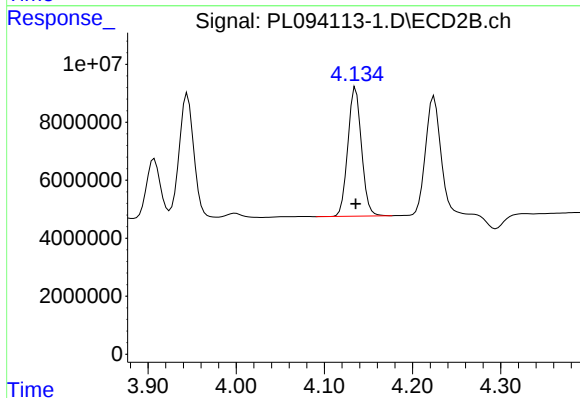
R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 22701283  
Conc: 11.37 ng/ml



#7 delta-BHC

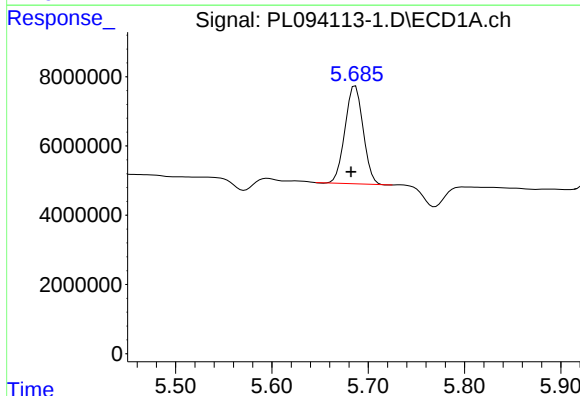
R.T.: 4.776 min  
Delta R.T.: 0.004 min  
Response: 46730481  
Conc: 13.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



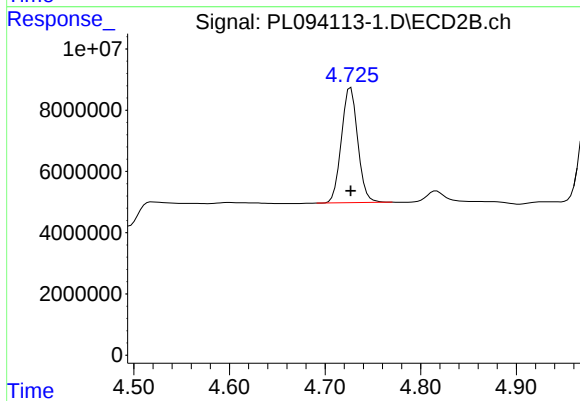
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 47676711  
Conc: 10.03 ng/ml



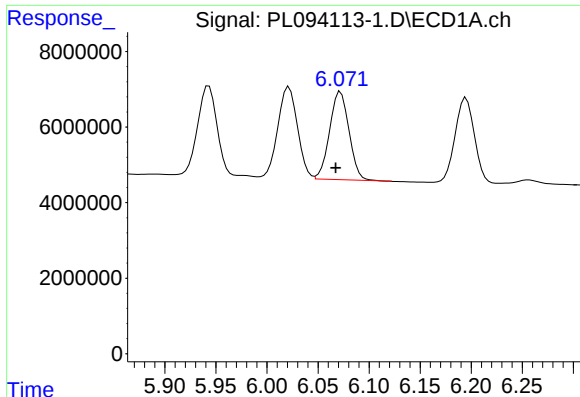
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.004 min  
Response: 36701182  
Conc: 12.34 ng/ml



#8 Heptachlor epoxide

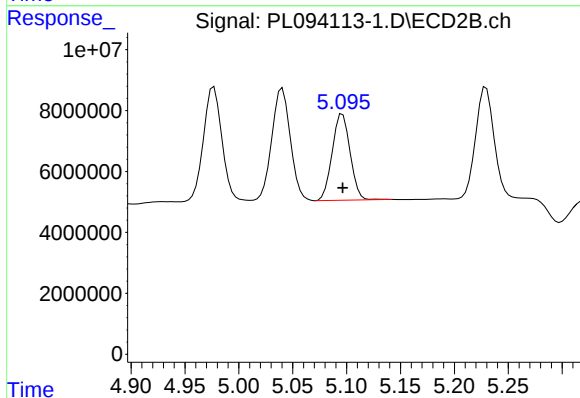
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 44818948  
Conc: 10.72 ng/ml



#9 Endosulfan I

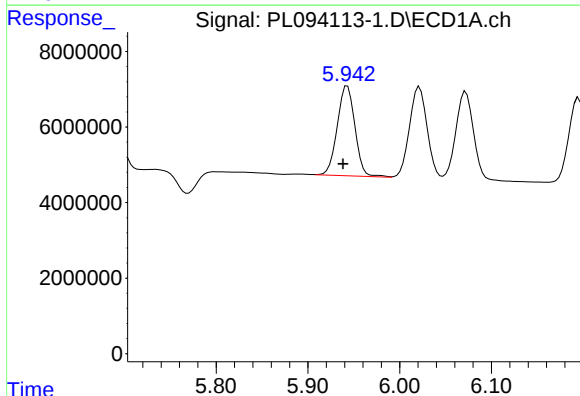
R.T.: 6.072 min  
Delta R.T.: 0.005 min  
Response: 30708571  
Conc: 11.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



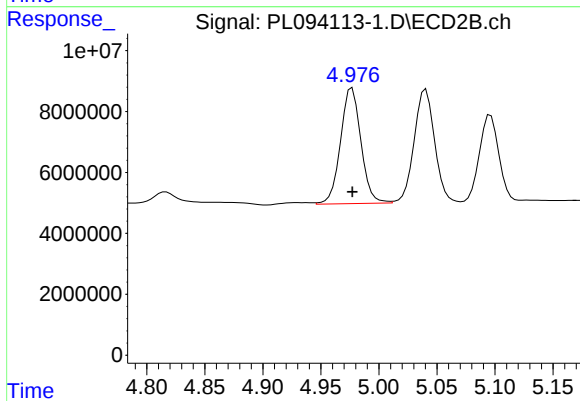
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 32790452  
Conc: 8.46 ng/ml



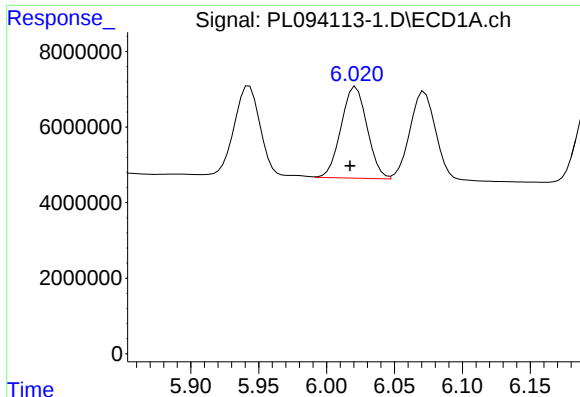
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.005 min  
Response: 31848836  
Conc: 11.43 ng/ml



#10 gamma-Chlordane

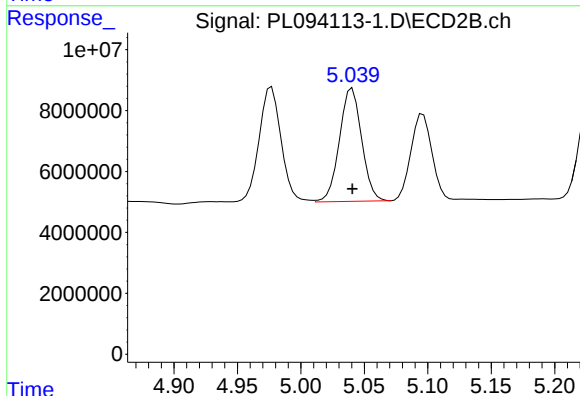
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 46450100  
Conc: 10.96 ng/ml



#11 alpha-Chlordane

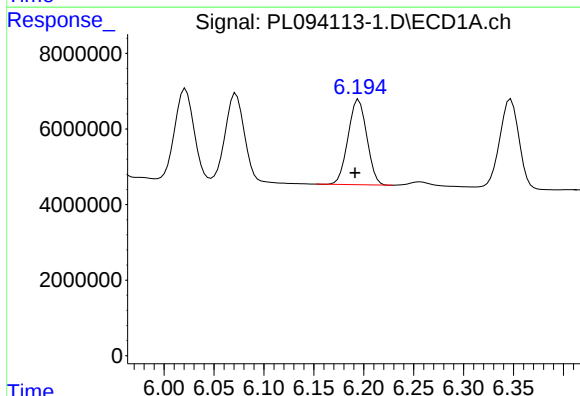
R.T.: 6.022 min  
Delta R.T.: 0.004 min  
Response: 32317907  
Conc: 11.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



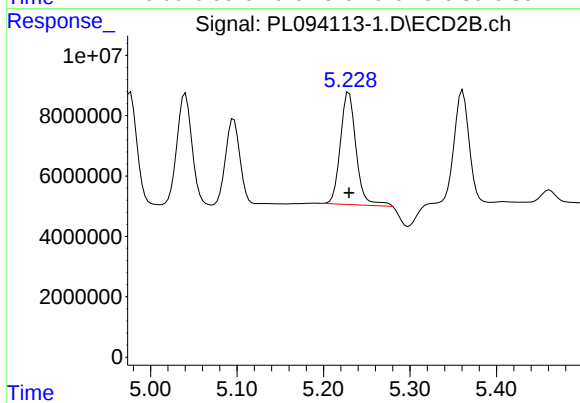
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 45193264  
Conc: 10.79 ng/ml



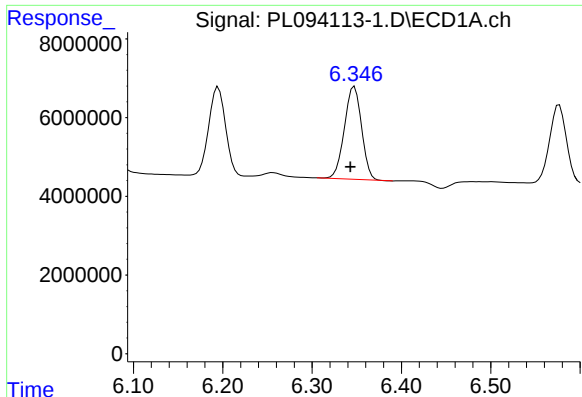
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.004 min  
Response: 29455439  
Conc: 12.10 ng/ml



#12 4,4'-DDE

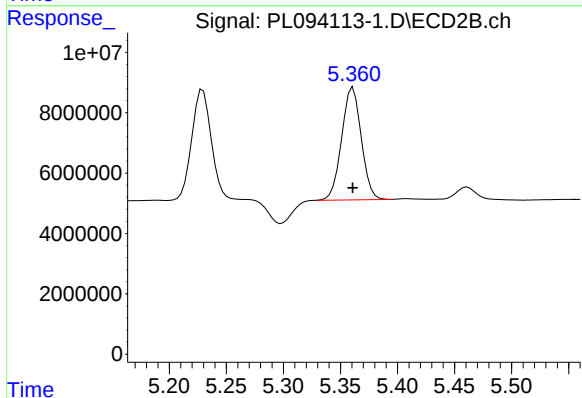
R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 46477965  
Conc: 11.59 ng/ml



#13 Dieldrin

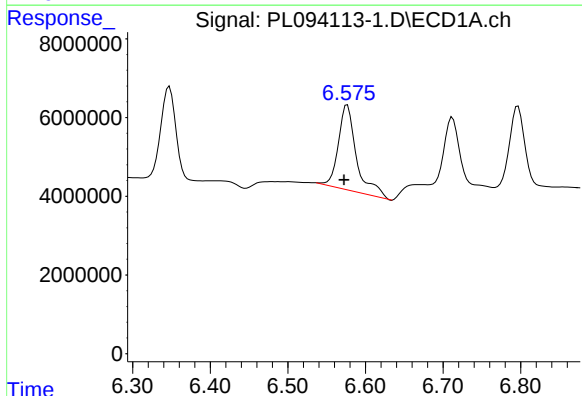
R.T.: 6.347 min  
Delta R.T.: 0.005 min  
Response: 31367388  
Conc: 11.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



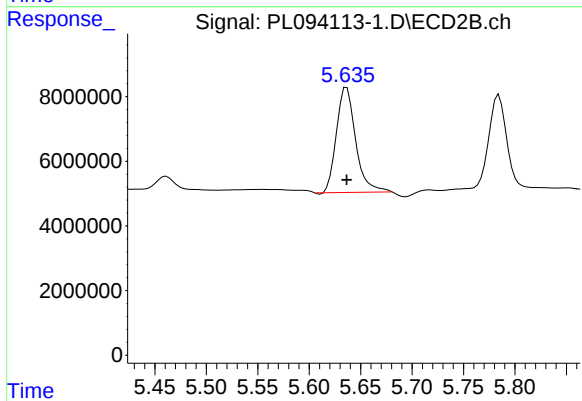
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 44527159  
Conc: 10.37 ng/ml



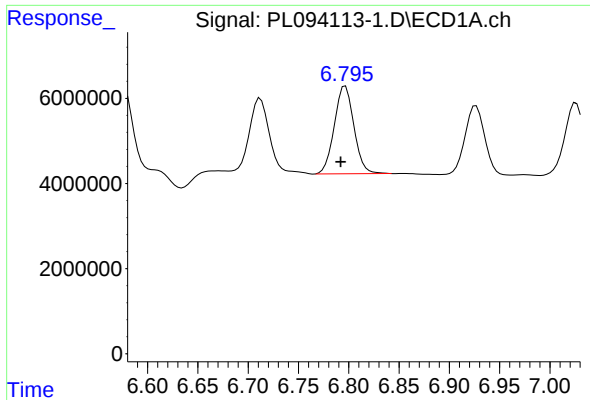
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.004 min  
Response: 35250465  
Conc: 15.03 ng/ml



#14 Endrin

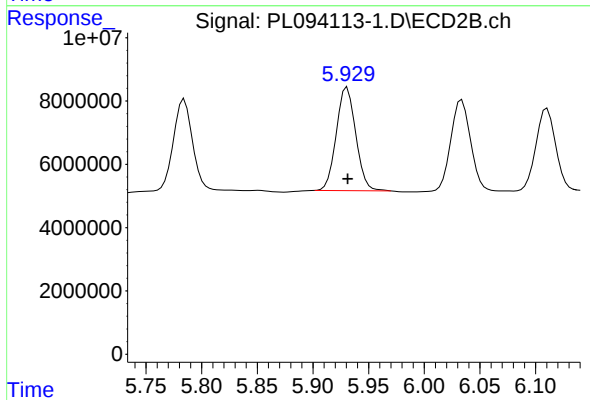
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 42373003  
Conc: 11.47 ng/ml



#15 Endosulfan II

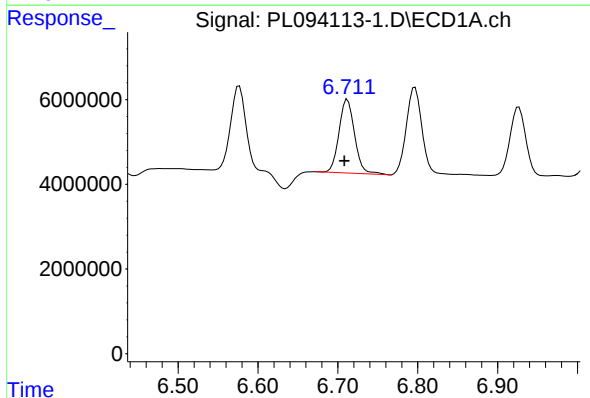
R.T.: 6.797 min  
Delta R.T.: 0.005 min  
Response: 27858975  
Conc: 11.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



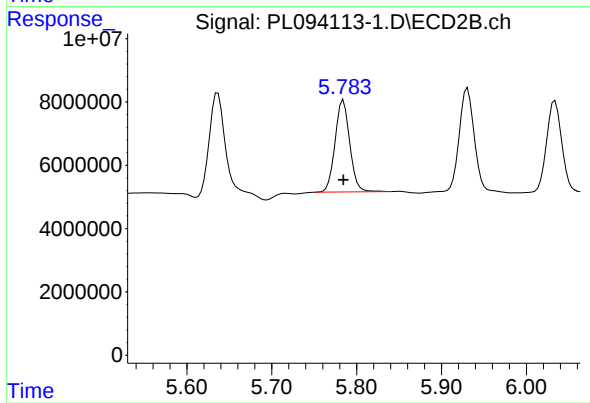
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 39787407  
Conc: 10.74 ng/ml



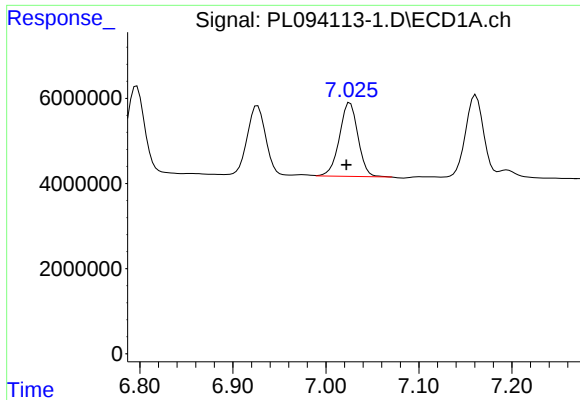
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.004 min  
Response: 23635443  
Conc: 12.44 ng/ml



#16 4,4'-DDD

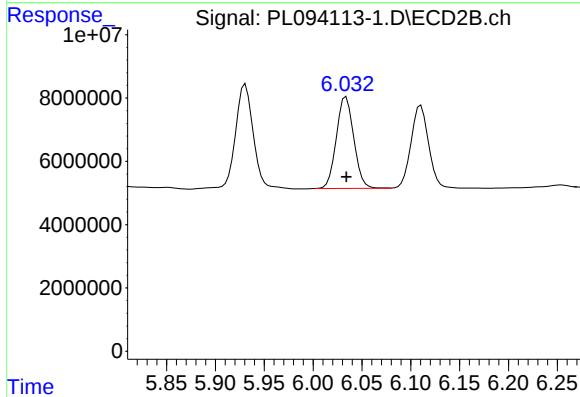
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 34833672  
Conc: 11.04 ng/ml



#17 4,4'-DDT

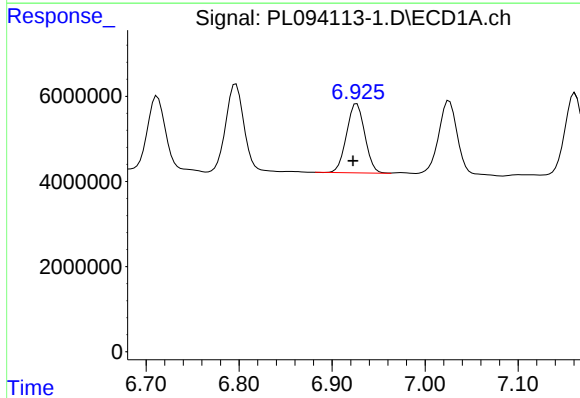
R.T.: 7.026 min  
Delta R.T.: 0.004 min  
Response: 23935087  
Conc: 12.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



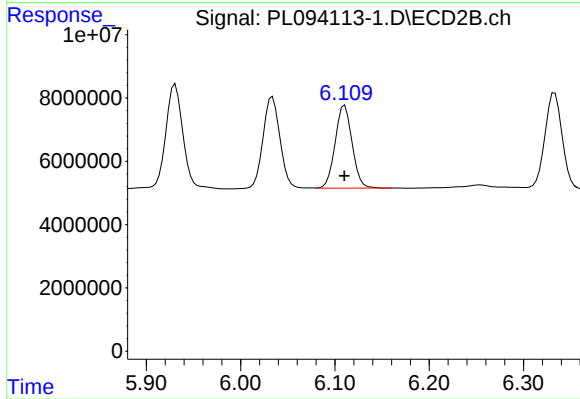
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 36083491  
Conc: 11.09 ng/ml



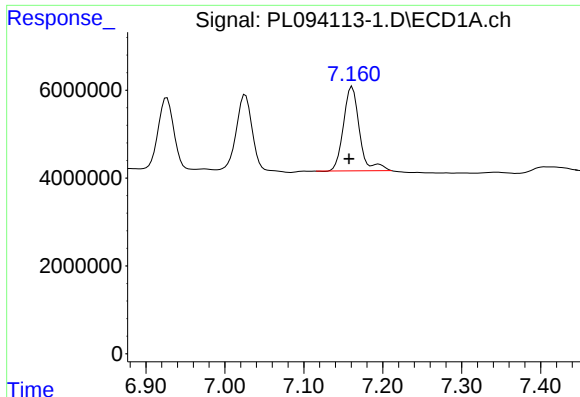
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.004 min  
Response: 22237729  
Conc: 11.44 ng/ml



#18 Endrin aldehyde

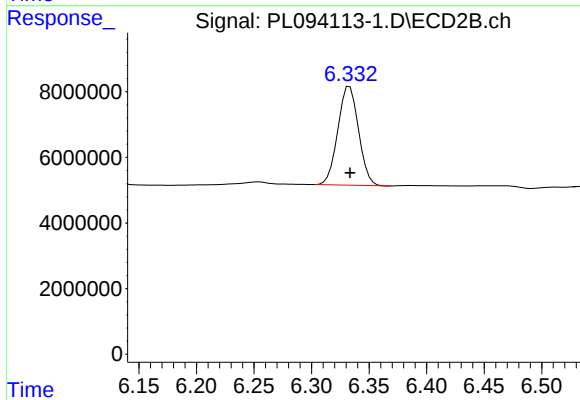
R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 32797749  
Conc: 10.77 ng/ml



#19 Endosulfan Sulfate

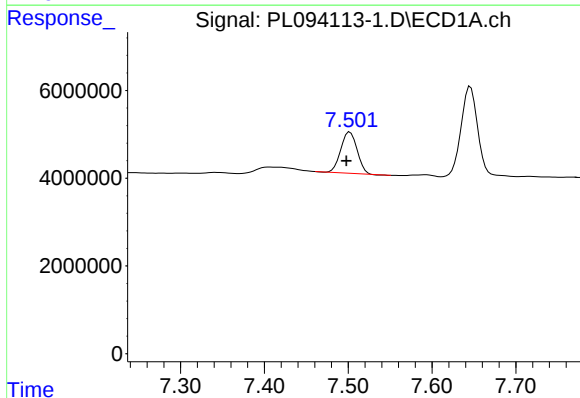
R.T.: 7.161 min  
Delta R.T.: 0.004 min  
Response: 27141474  
Conc: 11.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



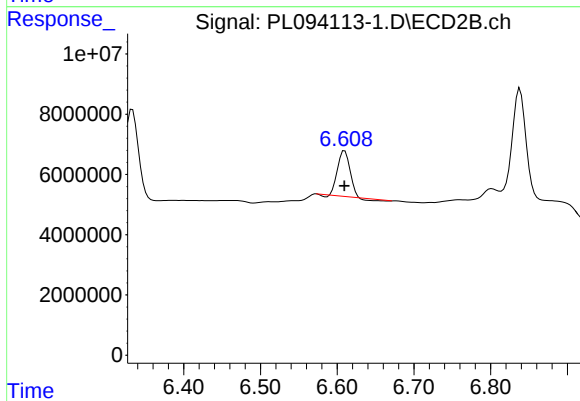
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 37841758  
Conc: 10.61 ng/ml



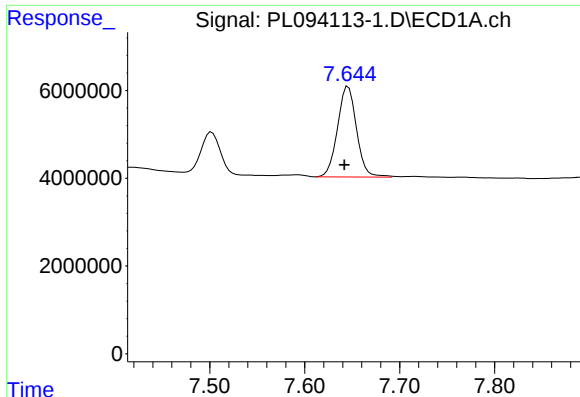
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.004 min  
Response: 12569163  
Conc: 12.05 ng/ml



#20 Methoxychlor

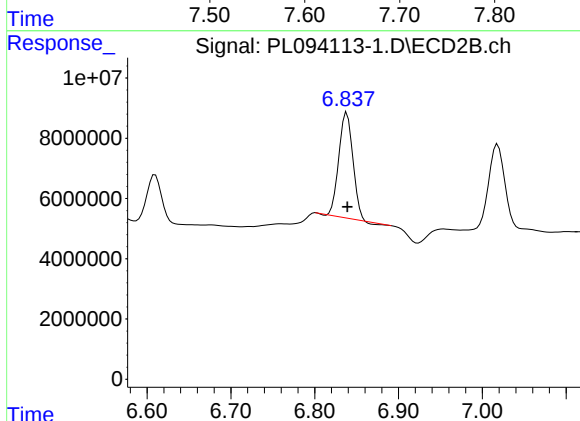
R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 15774853  
Conc: 8.82 ng/ml



#21 Endrin ketone

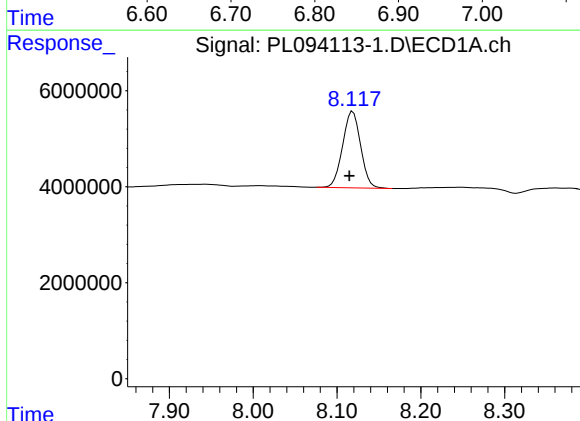
R.T.: 7.646 min  
Delta R.T.: 0.004 min  
Response: 28709344  
Conc: 11.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



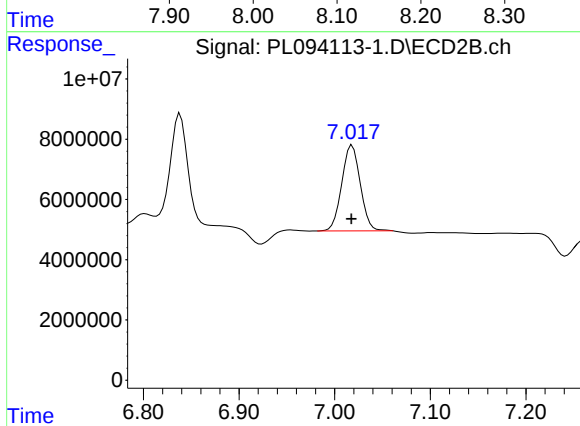
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 39927795  
Conc: 9.52 ng/ml



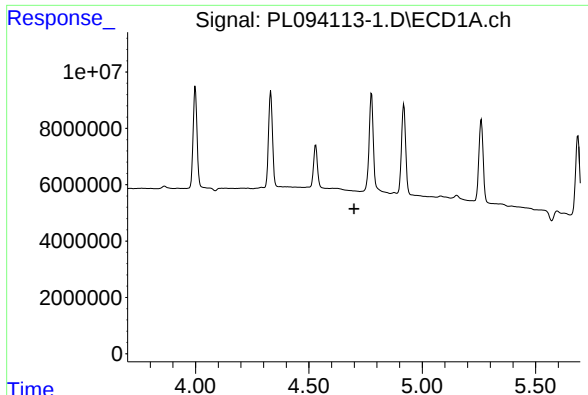
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.004 min  
Response: 23850716  
Conc: 11.45 ng/ml



#22 Mirex

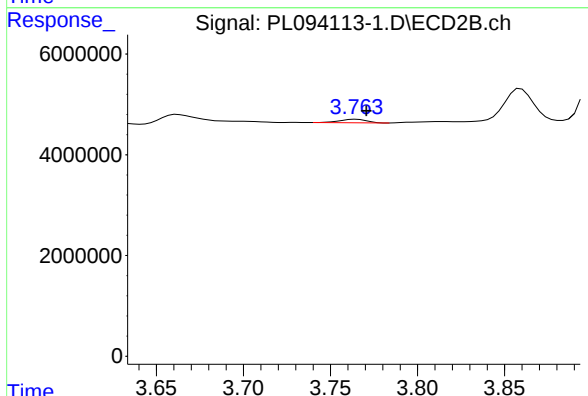
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 38551033  
Conc: 11.40 ng/ml



#23 Chlordane-1

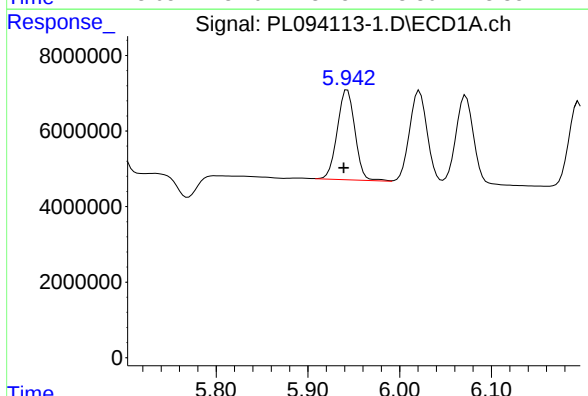
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



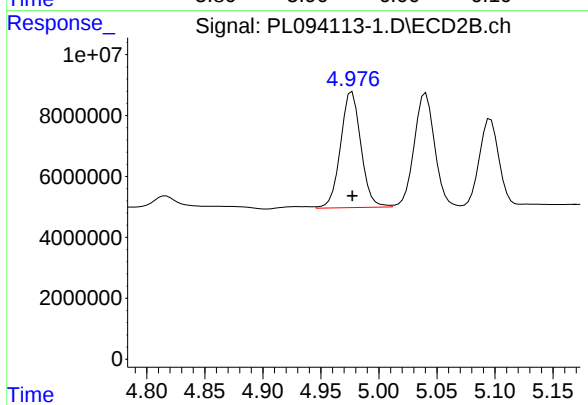
#23 Chlordane-1

R.T.: 3.765 min  
Delta R.T.: -0.006 min  
Response: 767353  
Conc: 6.15 ng/ml



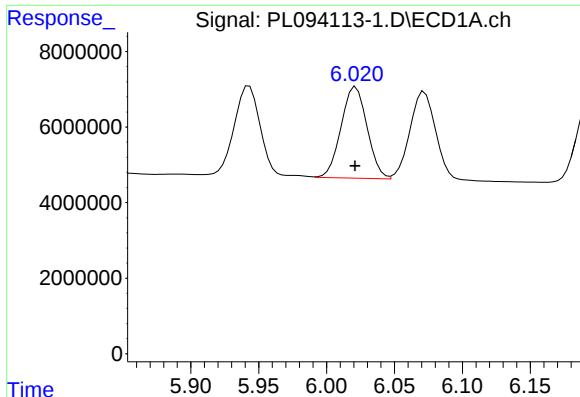
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: 0.004 min  
Response: 31848836  
Conc: 81.19 ng/ml



#25 Chlordane-3

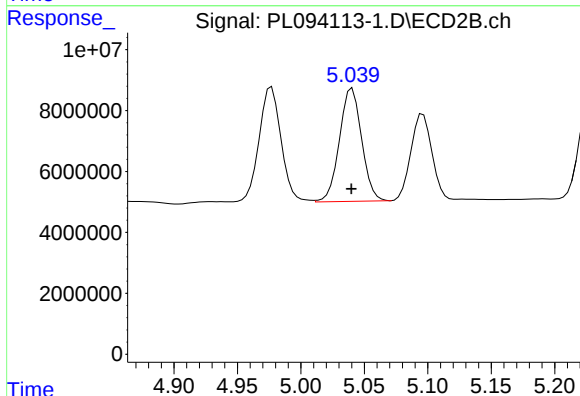
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 46450100  
Conc: 106.83 ng/ml



#26 Chlordane-4

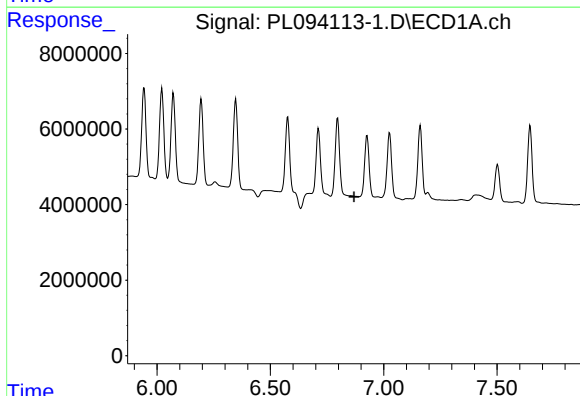
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 32317907  
Conc: 68.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



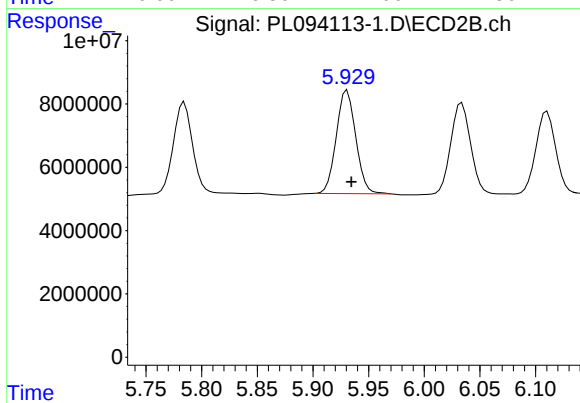
#26 Chlordane-4

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 45193264  
Conc: 106.67 ng/ml



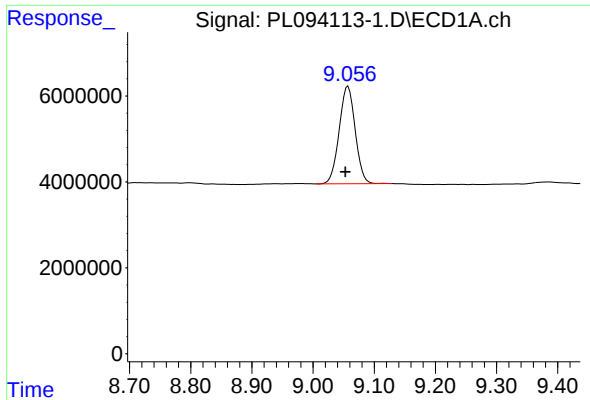
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.870 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

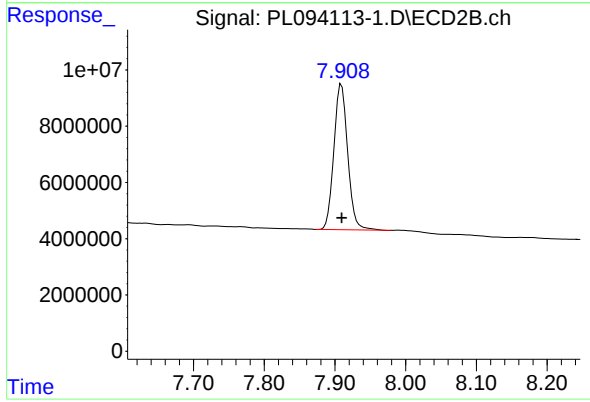
R.T.: 5.931 min  
Delta R.T.: -0.004 min  
Response: 39787407  
Conc: 259.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.004 min  
Response: 41331946  
Conc: 19.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 70316221  
Conc: 20.07 ng/ml