

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072225\  
 Data File : PL096514.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2025 16:05  
 Operator : AR\AJ  
 Sample : PB168880BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

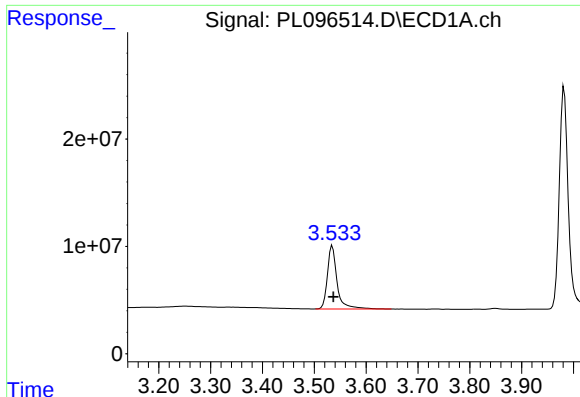
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 01:48:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 07 15:22:07 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.535  | 2.827 | 76439480 | 136.4E6 | 20.948   | 23.640     |
| 2)                          | SA Decachlor... | 9.017  | 7.992 | 61694081 | 120.0E6 | 21.931   | 24.064     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.982  | 3.332 | 250.0E6  | 466.2E6 | 48.604   | 55.272     |
| 3)                          | MA gamma-BHC... | 4.310  | 3.664 | 238.7E6  | 433.0E6 | 47.932   | 54.978     |
| 4)                          | MA Heptachlor   | 4.903  | 4.013 | 226.5E6  | 419.6E6 | 49.438   | 55.148     |
| 5)                          | MB Aldrin       | 5.242  | 4.296 | 229.6E6  | 402.5E6 | 47.492   | 55.167     |
| 6)                          | B beta-BHC      | 4.497  | 3.960 | 102.0E6  | 181.1E6 | 49.061   | 52.905     |
| 7)                          | B delta-BHC     | 4.742  | 4.193 | 224.4E6  | 425.3E6 | 50.068   | 55.219     |
| 8)                          | B Heptachlo...  | 5.662  | 4.798 | 213.3E6  | 362.0E6 | 51.409   | 54.152     |
| 9)                          | A Endosulfan I  | 6.043  | 5.169 | 193.9E6  | 332.3E6 | 48.037   | 46.315     |
| 10)                         | B gamma-Chl...  | 5.916  | 5.050 | 211.7E6  | 382.0E6 | 47.844   | 54.421     |
| 11)                         | B alpha-Chl...  | 5.996  | 5.114 | 209.8E6  | 372.6E6 | 47.913   | 49.541     |
| 12)                         | B 4,4'-DDE      | 6.167  | 5.303 | 176.8E6  | 353.1E6 | 47.693   | 54.623     |
| 13)                         | MA Dieldrin     | 6.316  | 5.434 | 202.2E6  | 370.3E6 | 47.819   | 54.306     |
| 14)                         | MA Endrin       | 6.542  | 5.709 | 162.1E6  | 349.2E6 | 52.130   | 57.273     |
| 15)                         | B Endosulfa...  | 6.755  | 6.000 | 182.2E6  | 318.3E6 | 52.511   | 54.273     |
| 16)                         | A 4,4'-DDD      | 6.675  | 5.856 | 148.7E6  | 299.5E6 | 51.087   | 58.392     |
| 17)                         | MA 4,4'-DDT     | 6.989  | 6.108 | 150.4E6  | 301.9E6 | 49.546   | 52.642     |
| 18)                         | B Endrin al...  | 6.884  | 6.178 | 128.9E6  | 247.4E6 | 57.644   | 55.530     |
| 19)                         | B Endosulfa...  | 7.117  | 6.402 | 149.4E6  | 313.1E6 | 48.836   | 55.676     |
| 20)                         | A Methoxychlor  | 7.462  | 6.681 | 76275480 | 161.4E6 | 48.417   | 53.124     |
| 21)                         | B Endrin ke...  | 7.596  | 6.906 | 156.0E6  | 348.7E6 | 47.245   | 55.773     |
| 22)                         | Mirex           | 8.077  | 7.097 | 131.3E6  | 257.1E6 | 47.202   | 51.749     |
| 24)                         | Chlordane-2     | 5.242f | 0.000 | 229.6E6  | 0       | 1172.550 | N.D. #     |
| 25)                         | Chlordane-3     | 5.916  | 5.050 | 211.7E6  | 382.0E6 | 287.340  | 474.826 #  |
| 26)                         | Chlordane-4     | 5.996  | 5.114 | 209.8E6  | 372.6E6 | 233.836  | 495.801 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.000 | 0        | 318.3E6 | N.D.     | 1122.781 # |
| -----                       |                 |        |       |          |         |          |            |

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

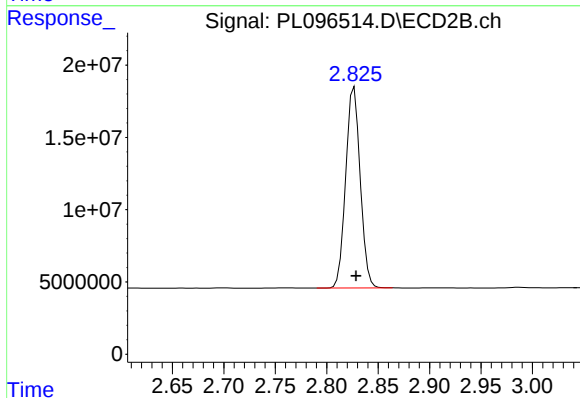




#1 Tetrachloro-m-xylene

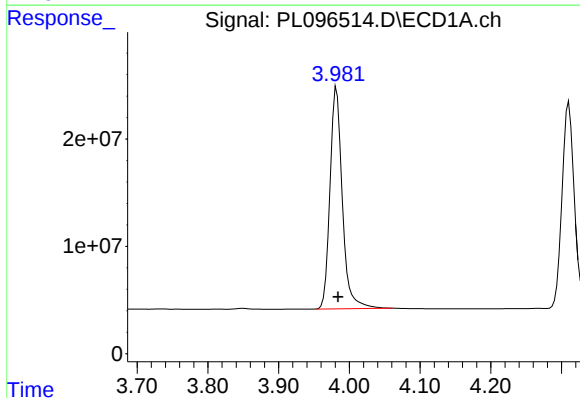
R.T.: 3.535 min  
Delta R.T.: -0.002 min  
Response: 76439480  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



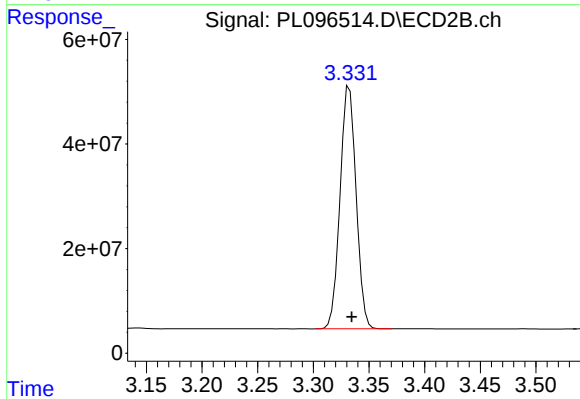
#1 Tetrachloro-m-xylene

R.T.: 2.827 min  
Delta R.T.: -0.002 min  
Response: 136433406  
Conc: 23.64 ng/ml



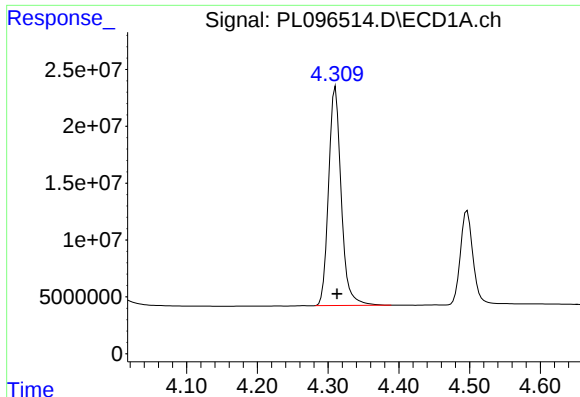
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: -0.002 min  
Response: 249976676  
Conc: 48.60 ng/ml



#2 alpha-BHC

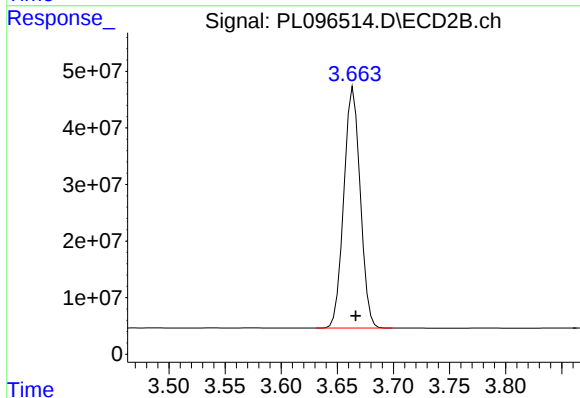
R.T.: 3.332 min  
Delta R.T.: -0.002 min  
Response: 466180314  
Conc: 55.27 ng/ml



#3 gamma-BHC (Lindane)

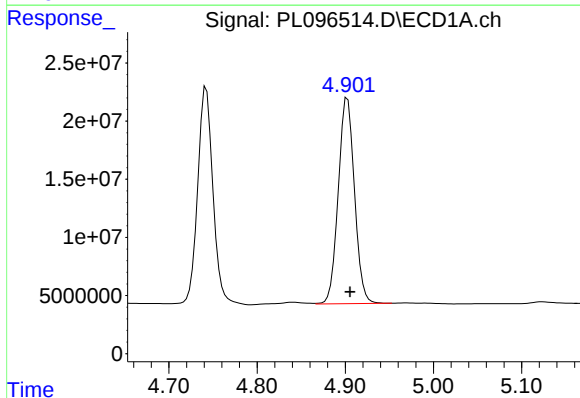
R.T.: 4.310 min  
Delta R.T.: -0.003 min  
Response: 238686926  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



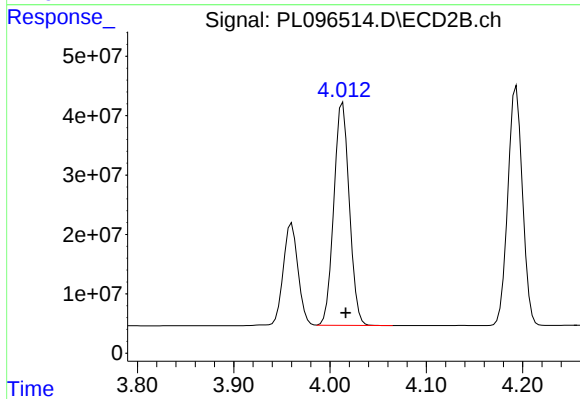
#3 gamma-BHC (Lindane)

R.T.: 3.664 min  
Delta R.T.: -0.002 min  
Response: 433003296  
Conc: 54.98 ng/ml



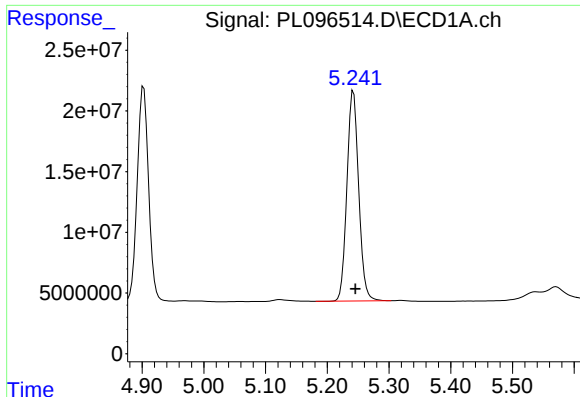
#4 Heptachlor

R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 226487802  
Conc: 49.44 ng/ml



#4 Heptachlor

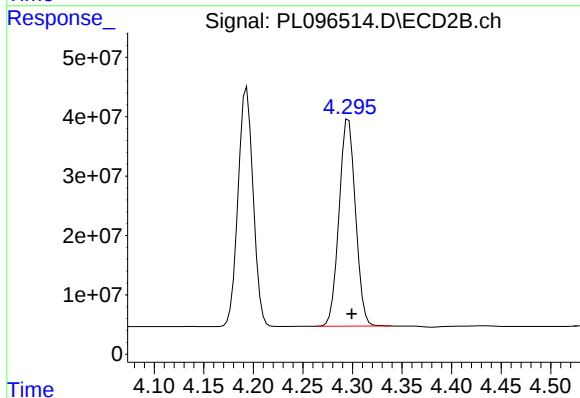
R.T.: 4.013 min  
Delta R.T.: -0.003 min  
Response: 419554343  
Conc: 55.15 ng/ml



#5 Aldrin

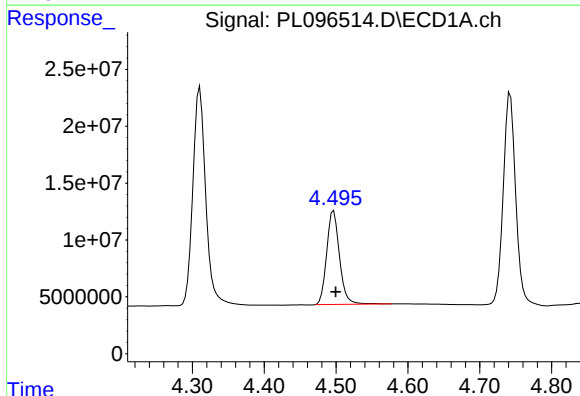
R.T.: 5.242 min  
Delta R.T.: -0.003 min  
Response: 229562009  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



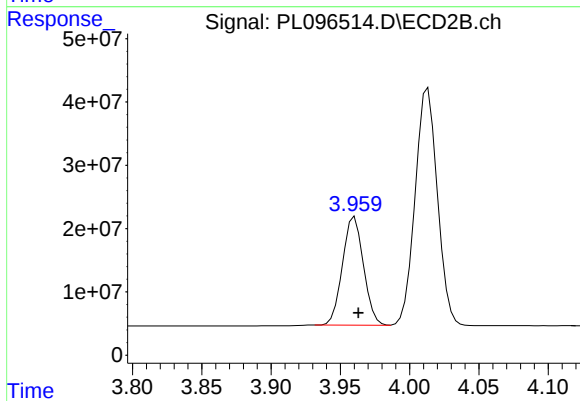
#5 Aldrin

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 402479128  
Conc: 55.17 ng/ml



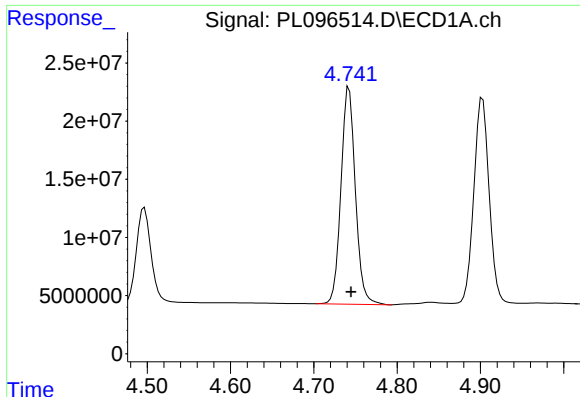
#6 beta-BHC

R.T.: 4.497 min  
Delta R.T.: -0.003 min  
Response: 101987521  
Conc: 49.06 ng/ml



#6 beta-BHC

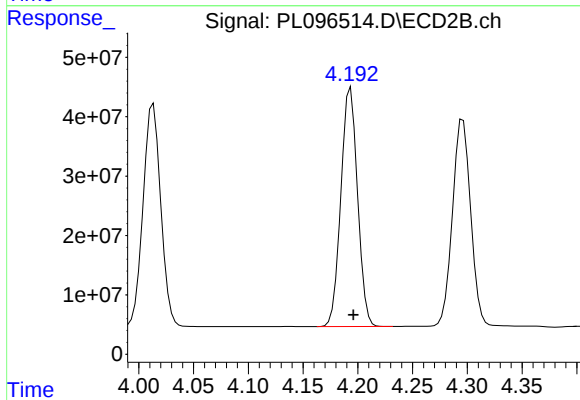
R.T.: 3.960 min  
Delta R.T.: -0.003 min  
Response: 181141271  
Conc: 52.90 ng/ml



#7 delta-BHC

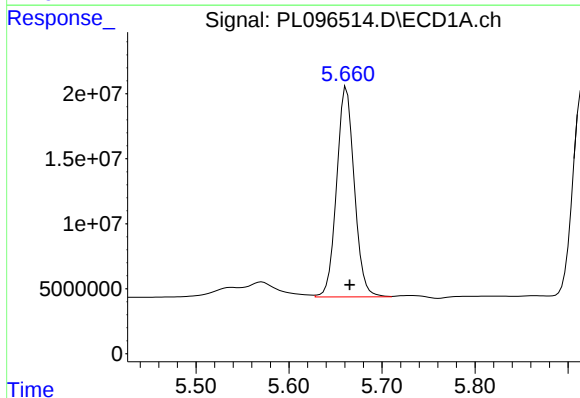
R.T.: 4.742 min  
Delta R.T.: -0.002 min  
Response: 224371616  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



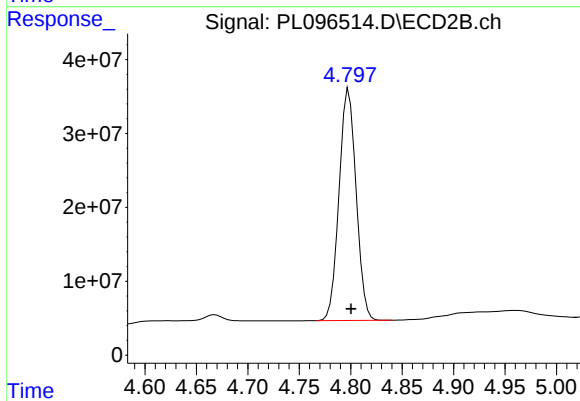
#7 delta-BHC

R.T.: 4.193 min  
Delta R.T.: -0.003 min  
Response: 425295062  
Conc: 55.22 ng/ml



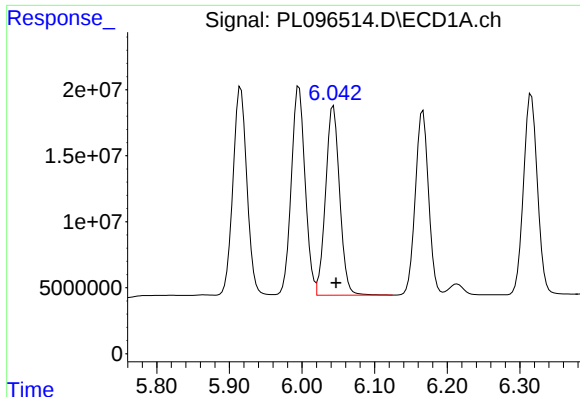
#8 Heptachlor epoxide

R.T.: 5.662 min  
Delta R.T.: -0.003 min  
Response: 213304795  
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

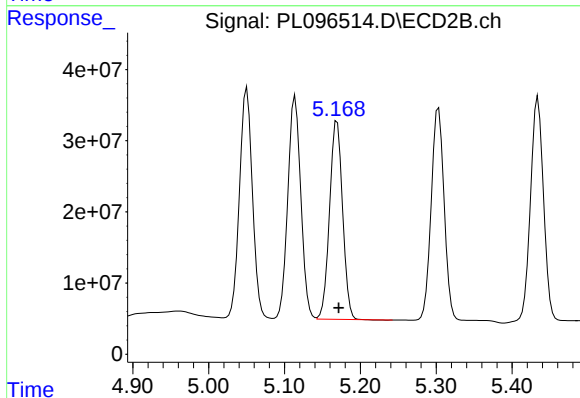
R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 362003442  
Conc: 54.15 ng/ml



#9 Endosulfan I

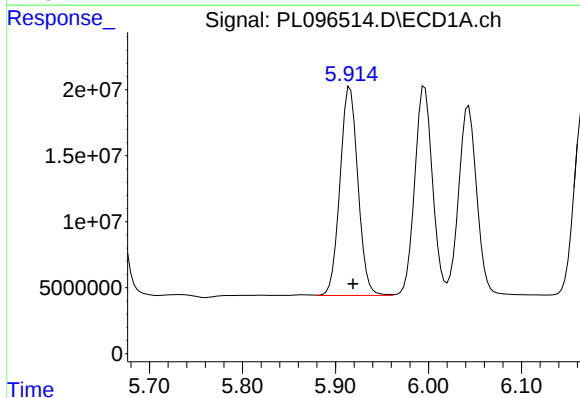
R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 193937207  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



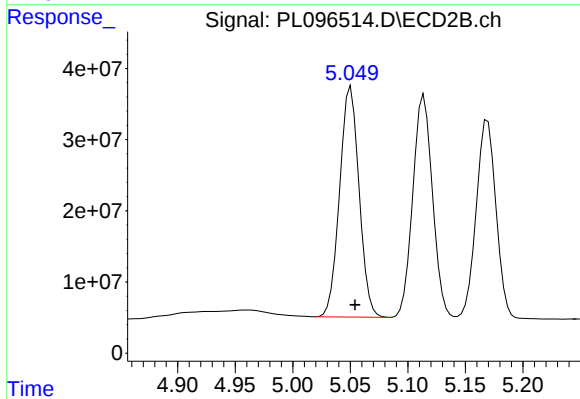
#9 Endosulfan I

R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 332268967  
Conc: 46.31 ng/ml



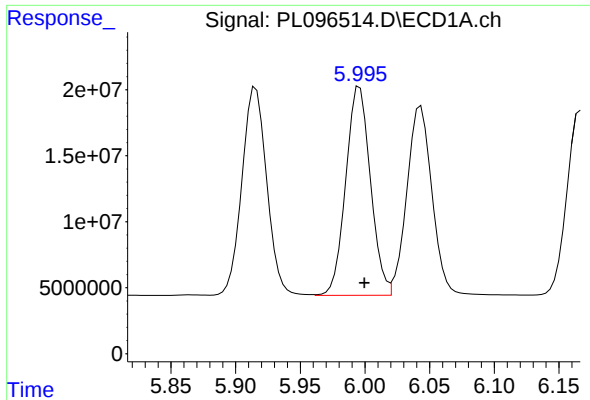
#10 gamma-Chlordane

R.T.: 5.916 min  
Delta R.T.: -0.003 min  
Response: 211698597  
Conc: 47.84 ng/ml



#10 gamma-Chlordane

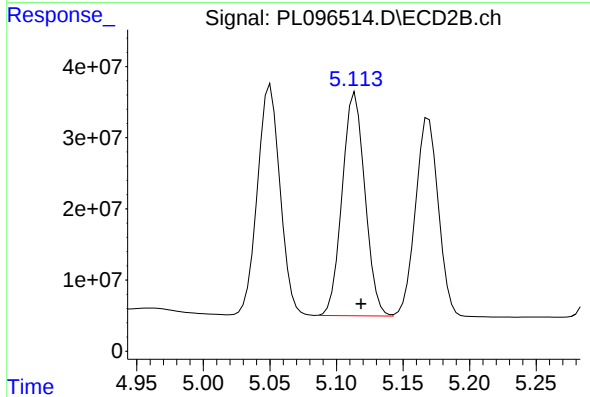
R.T.: 5.050 min  
Delta R.T.: -0.004 min  
Response: 382015806  
Conc: 54.42 ng/ml



#11 alpha-Chlordane

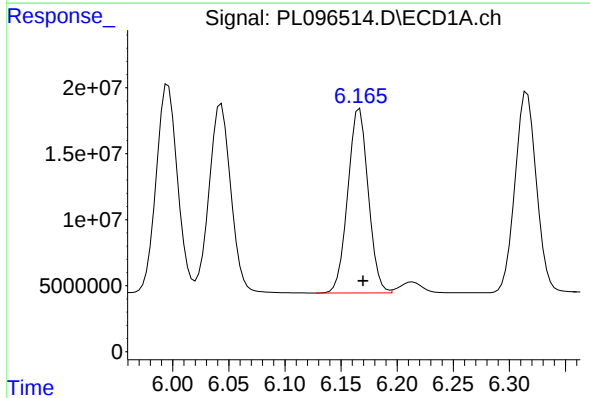
R.T.: 5.996 min  
Delta R.T.: -0.004 min  
Response: 209803396  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



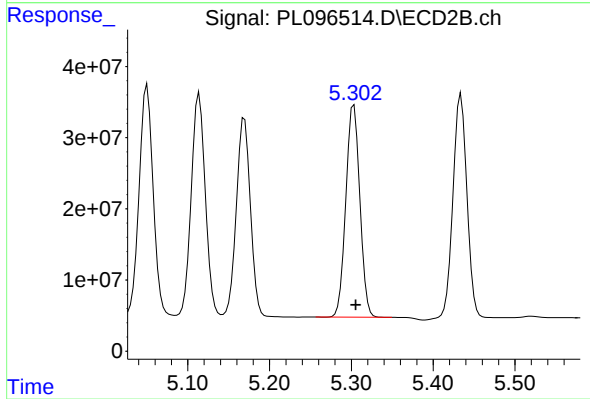
#11 alpha-Chlordane

R.T.: 5.114 min  
Delta R.T.: -0.005 min  
Response: 372558035  
Conc: 49.54 ng/ml



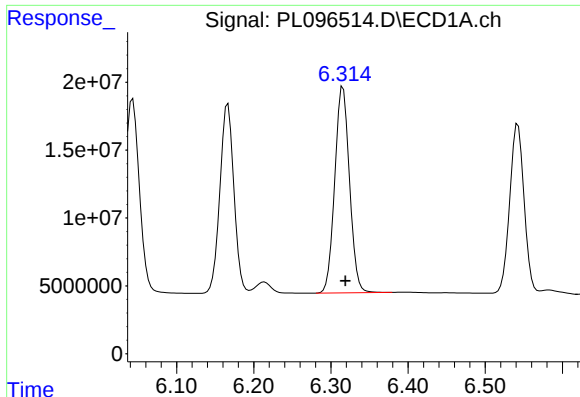
#12 4,4'-DDE

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 176820971  
Conc: 47.69 ng/ml



#12 4,4'-DDE

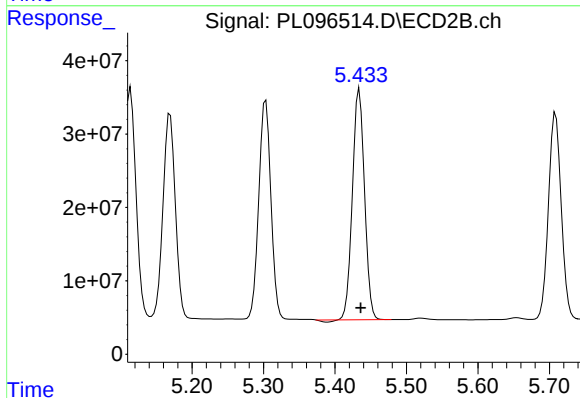
R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 353066114  
Conc: 54.62 ng/ml



#13 Dieldrin

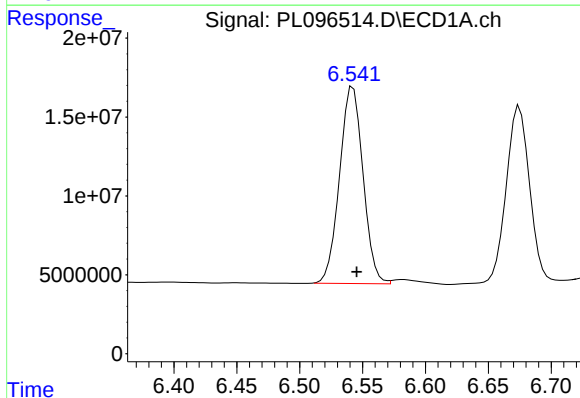
R.T.: 6.316 min  
Delta R.T.: -0.003 min  
Response: 202199854  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



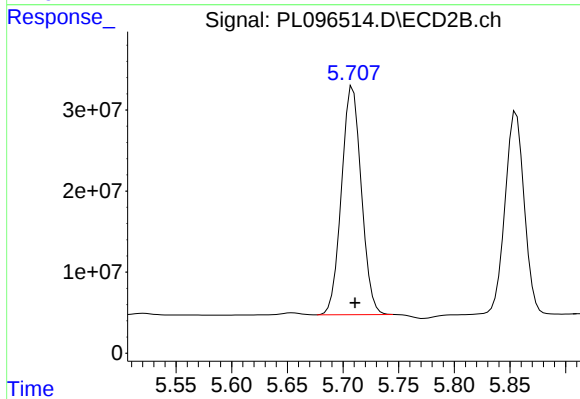
#13 Dieldrin

R.T.: 5.434 min  
Delta R.T.: -0.002 min  
Response: 370327075  
Conc: 54.31 ng/ml



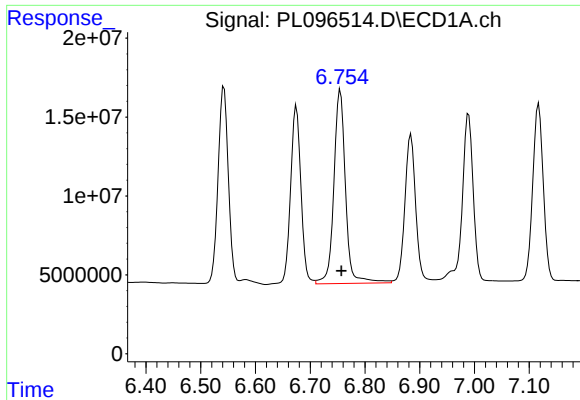
#14 Endrin

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 162134709  
Conc: 52.13 ng/ml



#14 Endrin

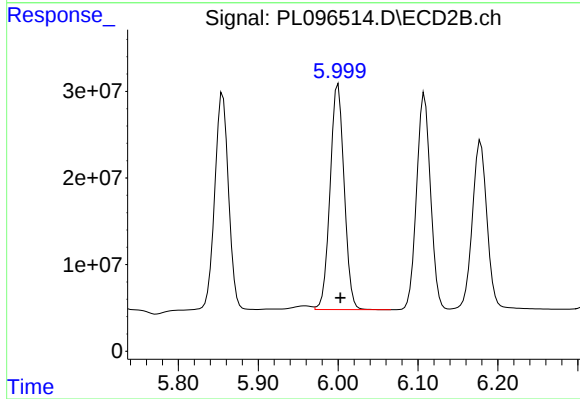
R.T.: 5.709 min  
Delta R.T.: -0.002 min  
Response: 349165975  
Conc: 57.27 ng/ml



#15 Endosulfan II

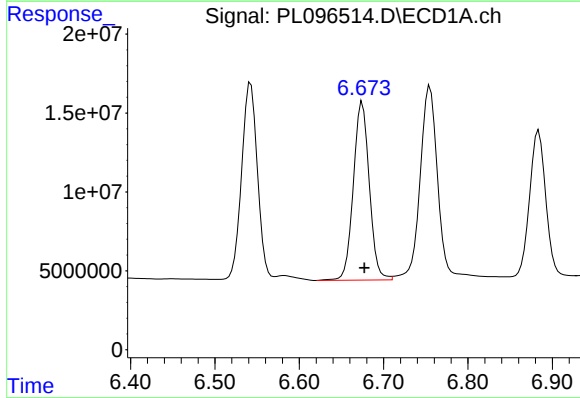
R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 182216920  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



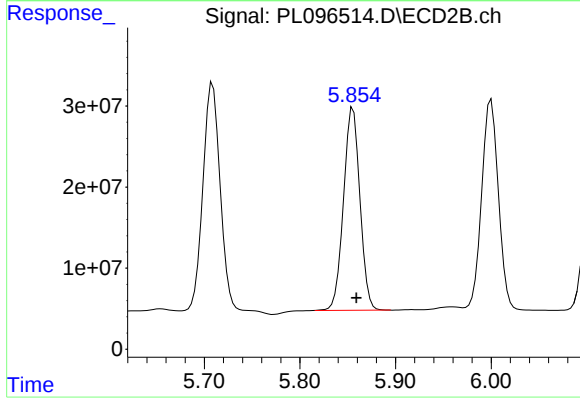
#15 Endosulfan II

R.T.: 6.000 min  
Delta R.T.: -0.003 min  
Response: 318252827  
Conc: 54.27 ng/ml



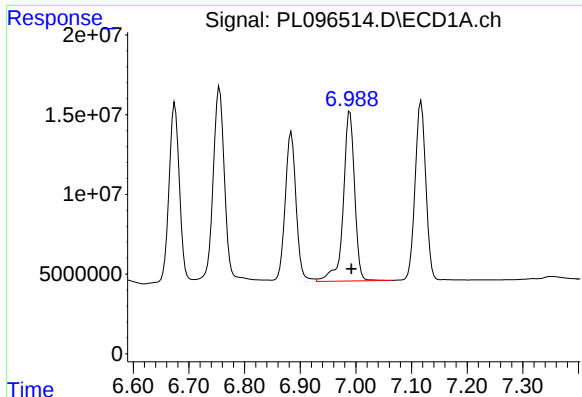
#16 4,4'-DDD

R.T.: 6.675 min  
Delta R.T.: -0.002 min  
Response: 148748229  
Conc: 51.09 ng/ml



#16 4,4'-DDD

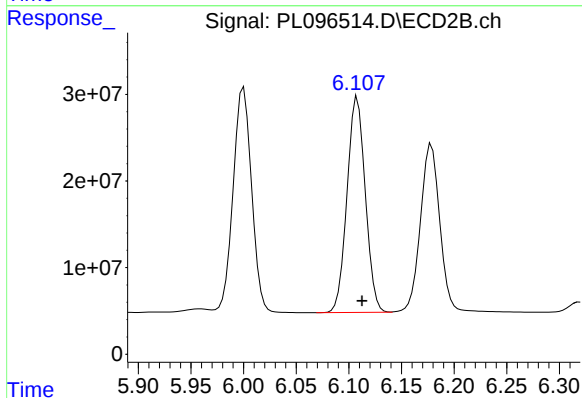
R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 299477118  
Conc: 58.39 ng/ml



#17 4,4'-DDT

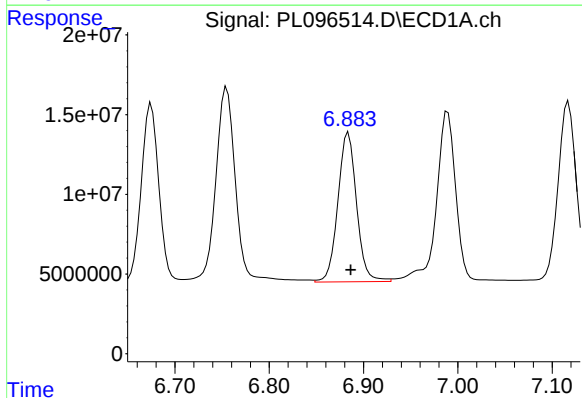
R.T.: 6.989 min  
Delta R.T.: -0.003 min  
Response: 150381673  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



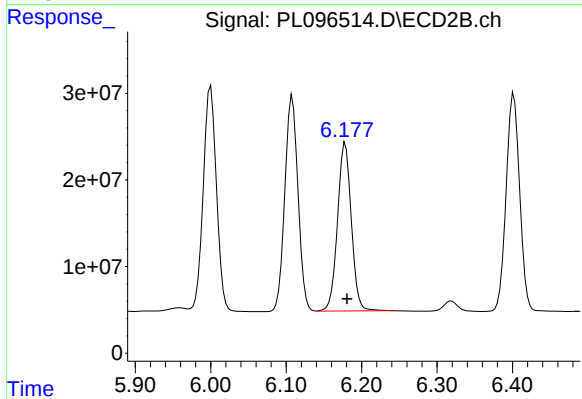
#17 4,4'-DDT

R.T.: 6.108 min  
Delta R.T.: -0.004 min  
Response: 301907322  
Conc: 52.64 ng/ml



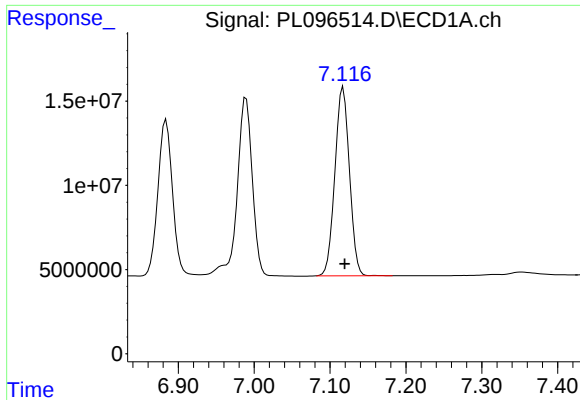
#18 Endrin aldehyde

R.T.: 6.884 min  
Delta R.T.: -0.002 min  
Response: 128866702  
Conc: 57.64 ng/ml



#18 Endrin aldehyde

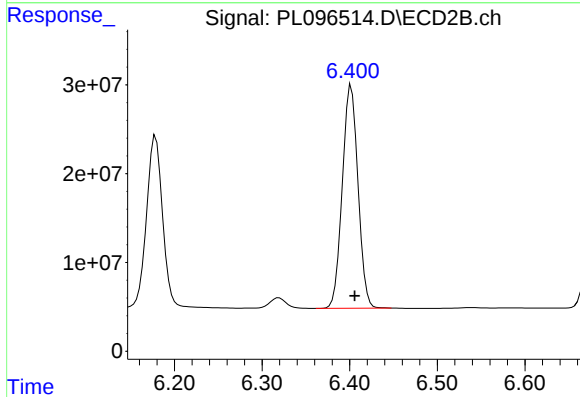
R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 247364100  
Conc: 55.53 ng/ml



#19 Endosulfan Sulfate

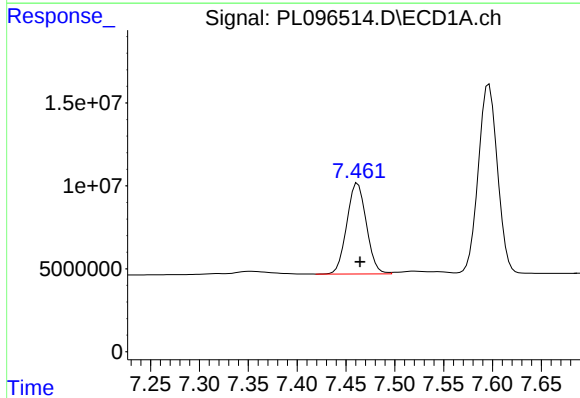
R.T.: 7.117 min  
Delta R.T.: -0.002 min  
Response: 149380010  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



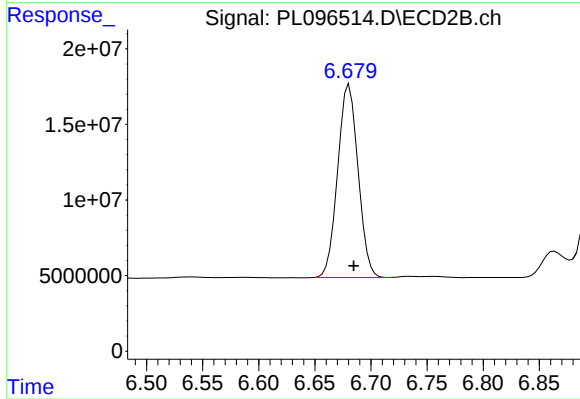
#19 Endosulfan Sulfate

R.T.: 6.402 min  
Delta R.T.: -0.004 min  
Response: 313146423  
Conc: 55.68 ng/ml



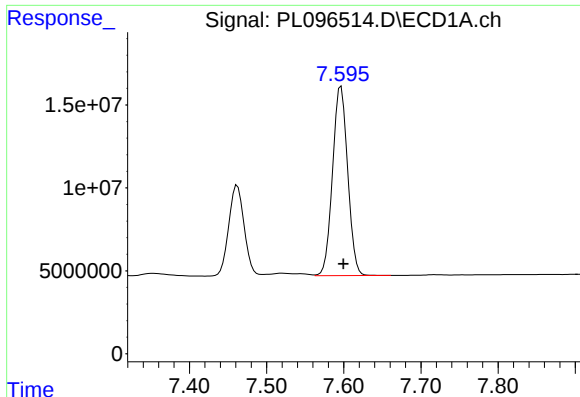
#20 Methoxychlor

R.T.: 7.462 min  
Delta R.T.: -0.003 min  
Response: 76275480  
Conc: 48.42 ng/ml



#20 Methoxychlor

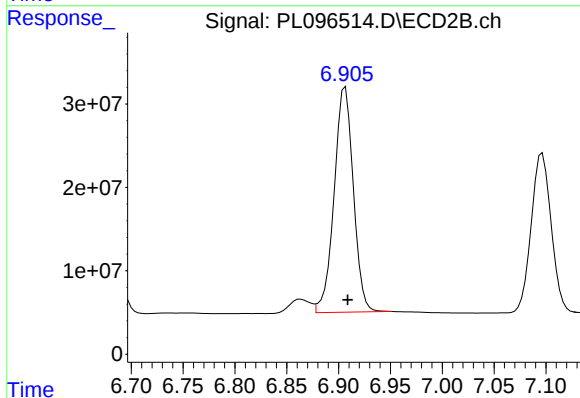
R.T.: 6.681 min  
Delta R.T.: -0.004 min  
Response: 161380229  
Conc: 53.12 ng/ml



#21 Endrin ketone

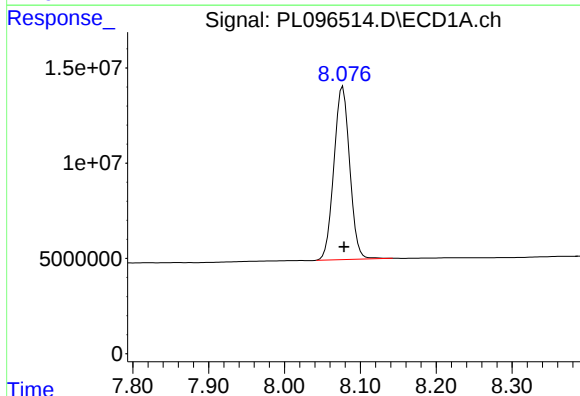
R.T.: 7.596 min  
Delta R.T.: -0.003 min  
Response: 155985662  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



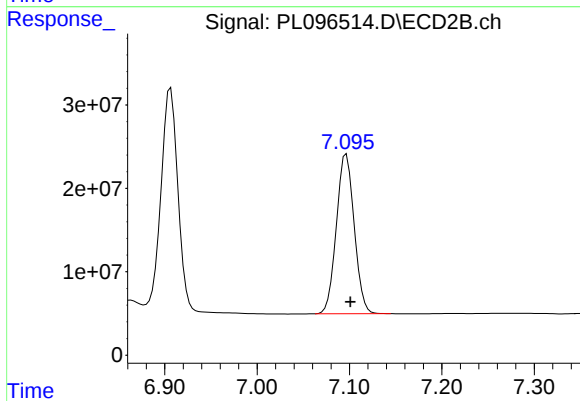
#21 Endrin ketone

R.T.: 6.906 min  
Delta R.T.: -0.002 min  
Response: 348705775  
Conc: 55.77 ng/ml



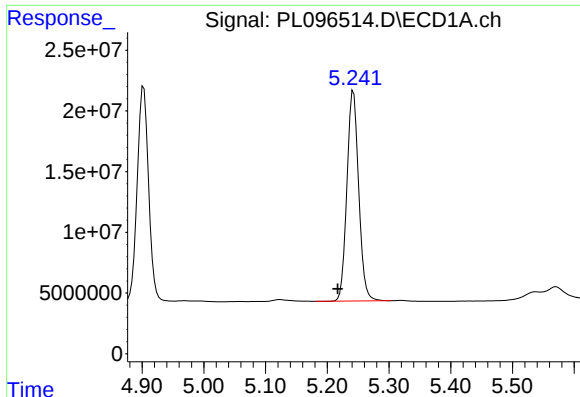
#22 Mirex

R.T.: 8.077 min  
Delta R.T.: -0.002 min  
Response: 131326321  
Conc: 47.20 ng/ml



#22 Mirex

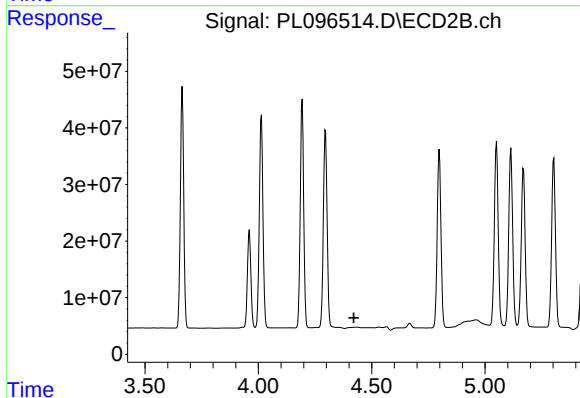
R.T.: 7.097 min  
Delta R.T.: -0.005 min  
Response: 257099595  
Conc: 51.75 ng/ml



#24 Chlordane-2

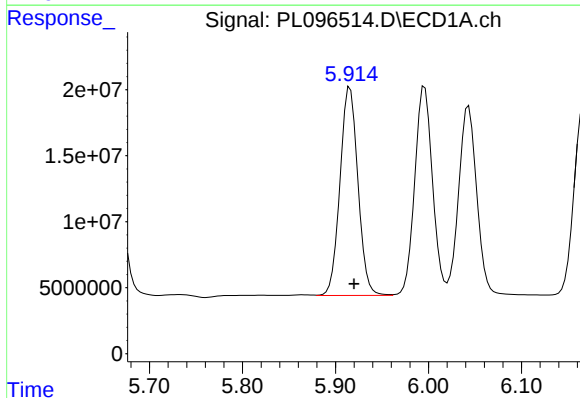
R.T.: 5.242 min  
Delta R.T.: 0.025 min  
Response: 229562009  
Conc: 1172.55 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



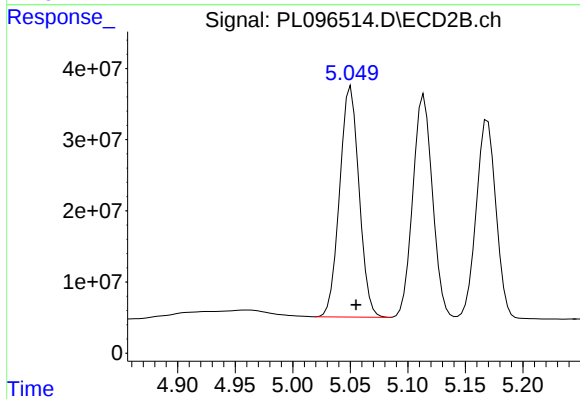
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.420 min  
Response: 0  
Conc: N.D.



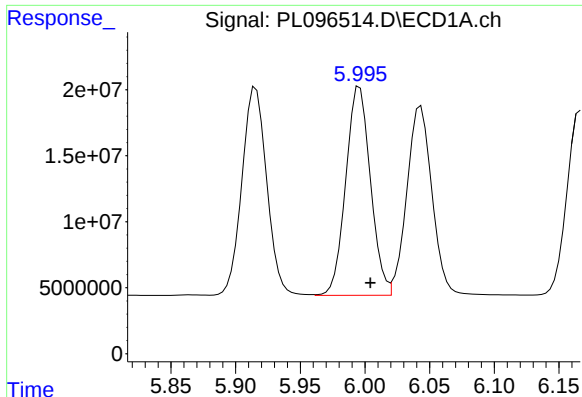
#25 Chlordane-3

R.T.: 5.916 min  
Delta R.T.: -0.004 min  
Response: 211698597  
Conc: 287.34 ng/ml



#25 Chlordane-3

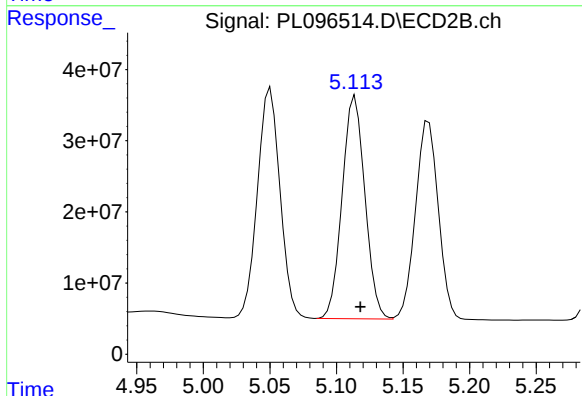
R.T.: 5.050 min  
Delta R.T.: -0.004 min  
Response: 382015806  
Conc: 474.83 ng/ml



#26 Chlordane-4

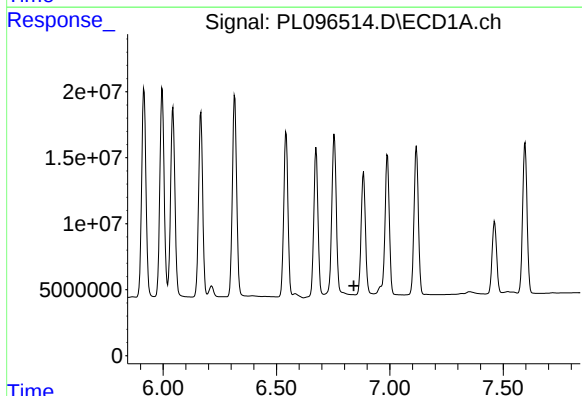
R.T.: 5.996 min  
Delta R.T.: -0.008 min  
Response: 209803396  
Conc: 233.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



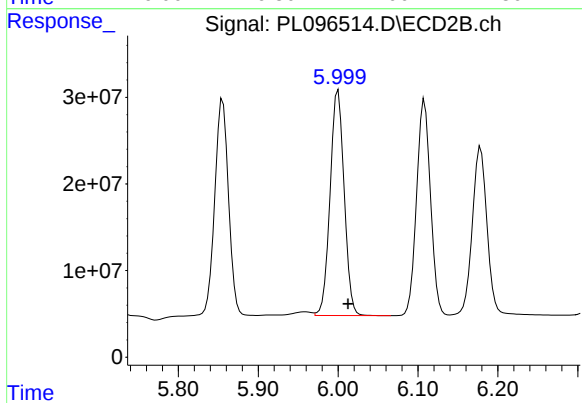
#26 Chlordane-4

R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 372558035  
Conc: 495.80 ng/ml



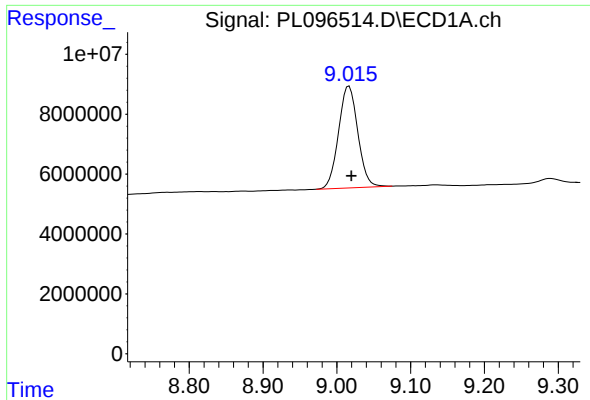
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.841 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

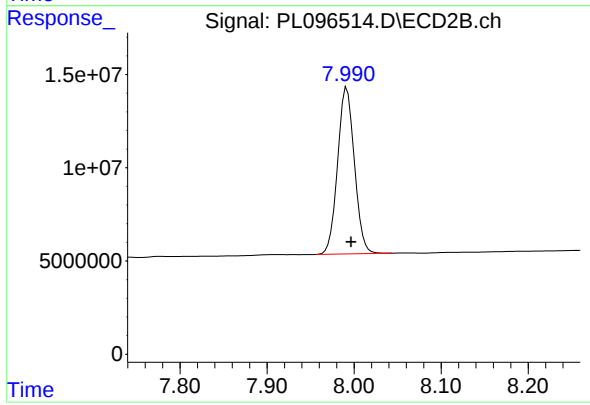
R.T.: 6.000 min  
Delta R.T.: -0.012 min  
Response: 318252827  
Conc: 1122.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min  
Delta R.T.: -0.003 min  
Response: 61694081  
Conc: 21.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.005 min  
Response: 119994611  
Conc: 24.06 ng/ml