

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
 Data File : PL090171.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2024 21:34  
 Operator : AR\AJ  
 Sample : P2864-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 14 01:51:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 2024  
 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... | 3.548  | 2.792 | 40281451 | 26899762 | 19.239  | 18.761    |
| 2)                          | SA Decachlor... | 9.058  | 7.935 | 19738368 | 19578220 | 13.424  | 13.175    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.003  | 3.296 | 131.5E6  | 100.1E6  | 44.102  | 46.845    |
| 3)                          | MA gamma-BHC... | 4.335  | 3.626 | 128.9E6  | 99154484 | 44.360  | 47.407    |
| 4)                          | MA Heptachlor   | 4.924  | 3.967 | 120.2E6  | 94104607 | 46.032  | 47.152    |
| 5)                          | MB Aldrin       | 5.266  | 4.248 | 112.6E6  | 94564238 | 42.349  | 47.324    |
| 6)                          | B beta-BHC      | 4.530  | 3.924 | 57979553 | 42717028 | 44.389  | 46.695    |
| 7)                          | B delta-BHC     | 4.778  | 4.154 | 109.2E6  | 83797902 | 39.652  | 41.577    |
| 8)                          | B Heptachlo...  | 5.691  | 4.750 | 108.7E6  | 84123920 | 43.649  | 45.838    |
| 9)                          | A Endosulfan I  | 6.076  | 5.120 | 94540734 | 75288422 | 41.860  | 44.070    |
| 10)                         | B gamma-Chl...  | 5.947  | 5.000 | 103.0E6  | 88633714 | 42.593  | 47.554    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.064 | 104.9E6  | 86455128 | 43.676  | 46.078    |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.253 | 89551787 | 74217903 | 41.166  | 44.424    |
| 13)                         | MA Dieldrin     | 6.351  | 5.385 | 98357367 | 80047023 | 41.489  | 43.442    |
| 14)                         | MA Endrin       | 6.581  | 5.660 | 84531197 | 73205094 | 42.045  | 44.692    |
| 15)                         | B Endosulfa...  | 6.799  | 5.954 | 84783796 | 70779091 | 40.669  | 43.949    |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.807 | 74295276 | 60654095 | 42.415  | 43.029    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.058 | 75592072 | 65404382 | 41.058  | 43.069    |
| 18)                         | B Endrin al...  | 6.929  | 6.133 | 68345967 | 56202951 | 44.092  | 46.312    |
| 19)                         | B Endosulfa...  | 7.163  | 6.355 | 79167681 | 64446821 | 41.367  | 40.979    |
| 20)                         | A Methoxychlor  | 7.503  | 6.632 | 42138672 | 36725046 | 42.903  | 41.284    |
| 21)                         | B Endrin ke...  | 7.648  | 6.861 | 92610092 | 74833204 | 43.981  | 41.064    |
| 22)                         | Mirex           | 8.122  | 7.043 | 61289681 | 57520821 | 36.841  | 37.454    |
| 23)                         | Chlordane-1     | 4.701  | 3.805 | 984311   | 431303   | 9.077   | 6.576 #   |
| 24)                         | Chlordane-2     | 5.266f | 4.378 | 112.6E6  | 758824   | 937.199 | 9.512 #   |
| 25)                         | Chlordane-3     | 5.947  | 5.000 | 103.0E6  | 88633714 | 257.417 | 398.191 # |
| 26)                         | Chlordane-4     | 6.026  | 5.064 | 104.9E6  | 86455128 | 214.594 | 408.892 # |
| 27)                         | Chlordane-5     | 6.876  | 5.731 | 296906   | 932409   | 3.056   | 13.734 #  |
| -----                       |                 |        |       |          |          |         |           |

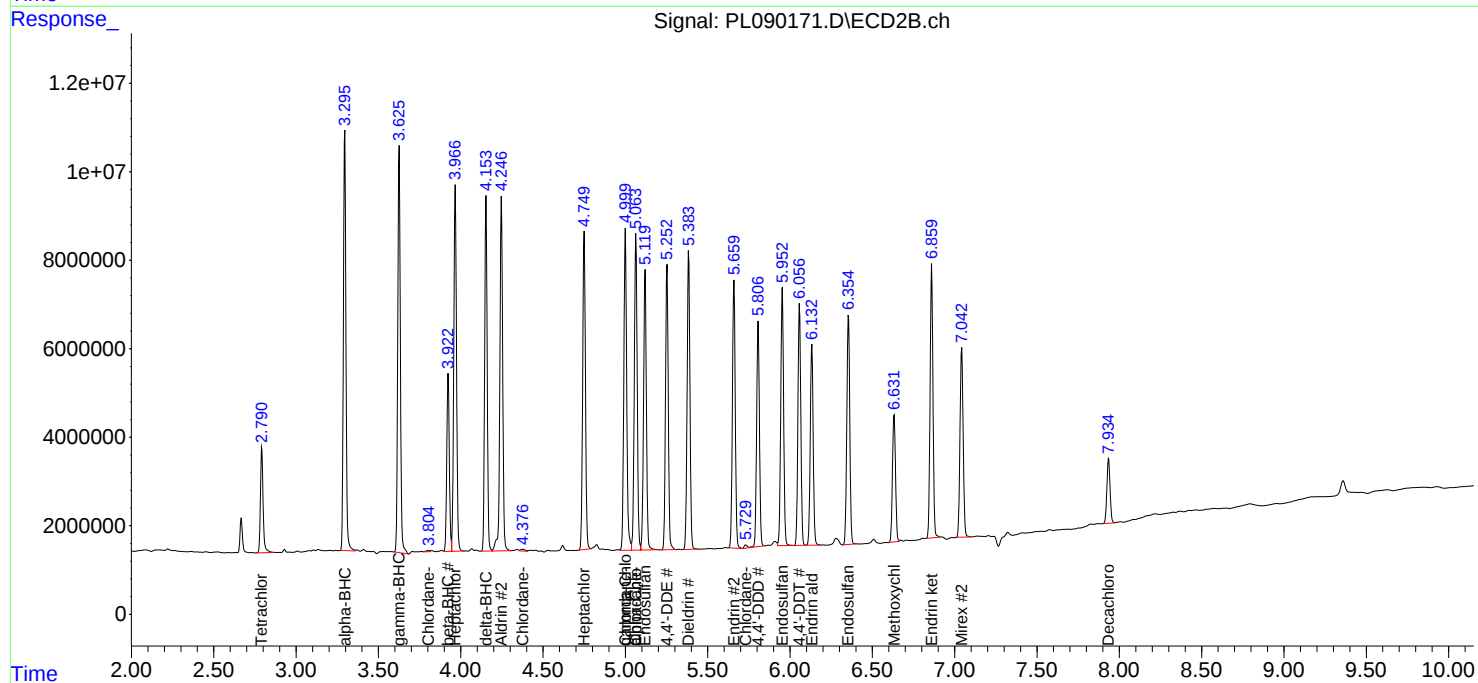
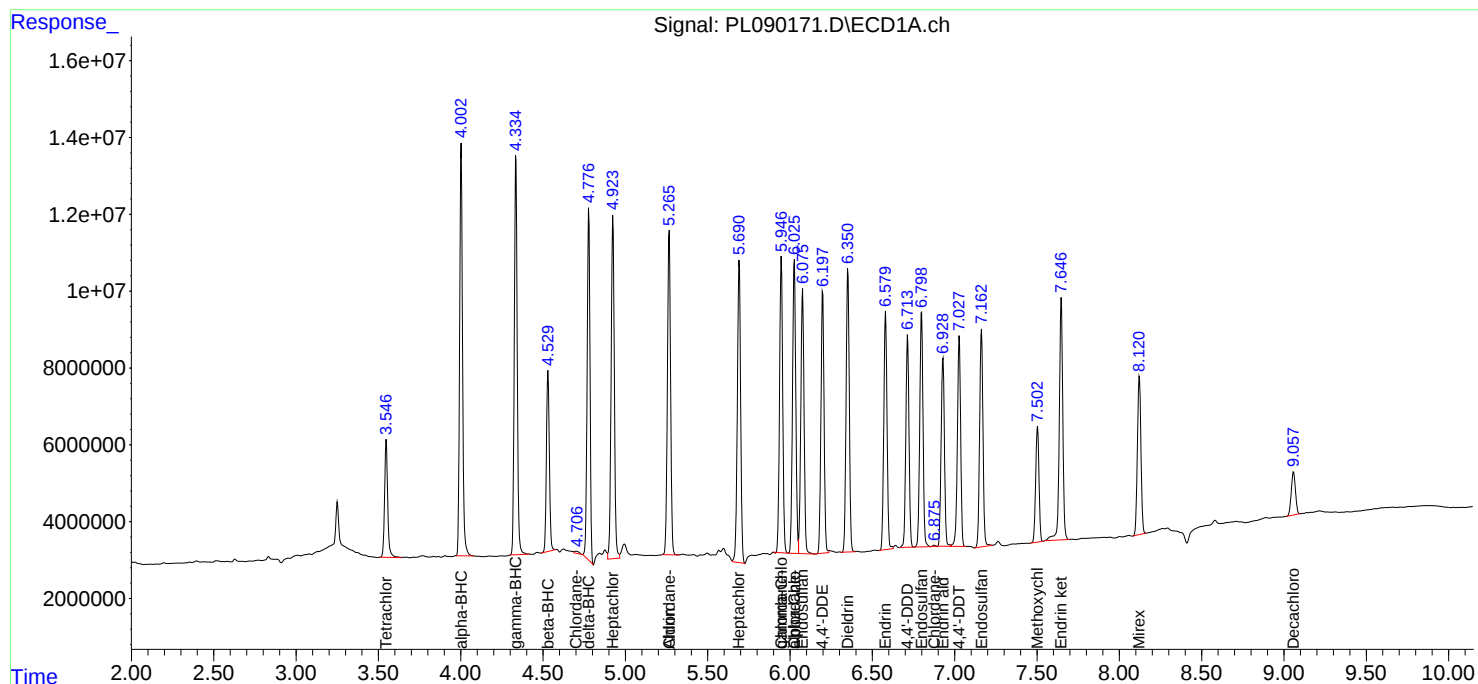
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

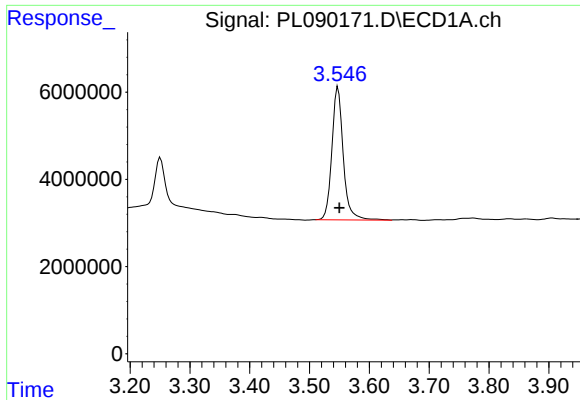
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
Data File : PL090171.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2024 21:34  
Operator : AR\AJ  
Sample : P2864-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 01:51:57 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 2024  
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

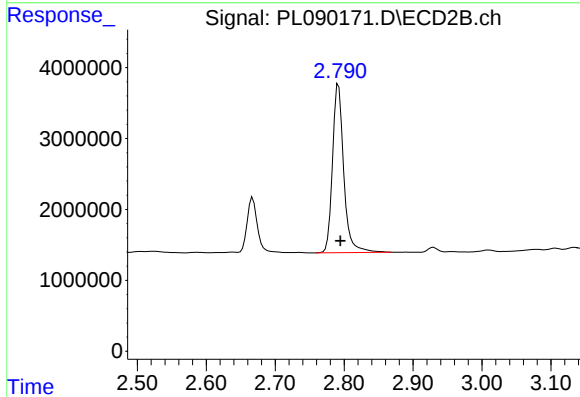




#1 Tetrachloro-m-xylene

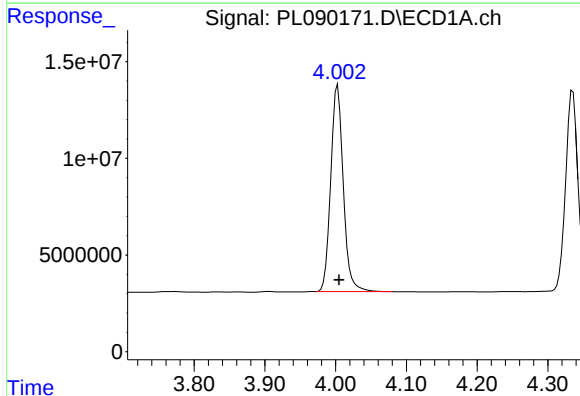
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 40281451  
Conc: 19.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



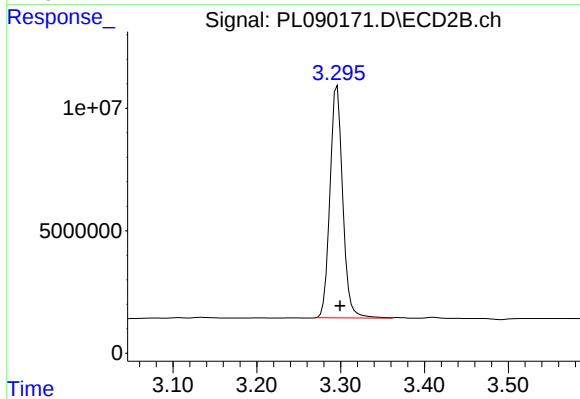
#1 Tetrachloro-m-xylene

R.T.: 2.792 min  
Delta R.T.: -0.003 min  
Response: 26899762  
Conc: 18.76 ng/ml



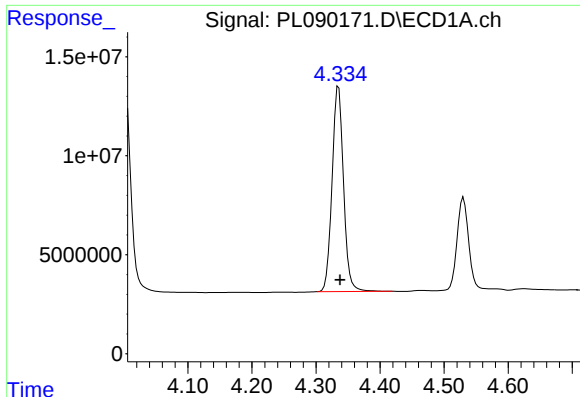
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 131488210  
Conc: 44.10 ng/ml



#2 alpha-BHC

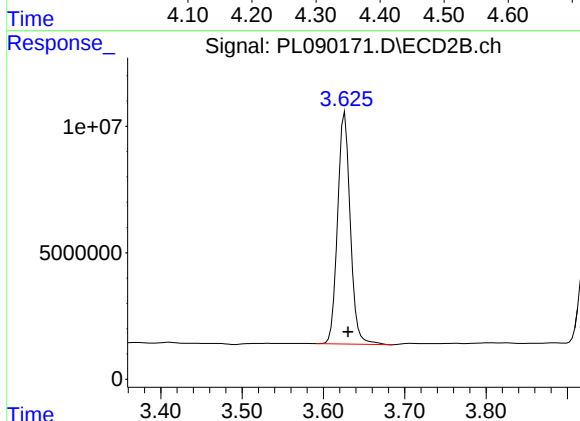
R.T.: 3.296 min  
Delta R.T.: -0.004 min  
Response: 100136453  
Conc: 46.84 ng/ml



#3 gamma-BHC (Lindane)

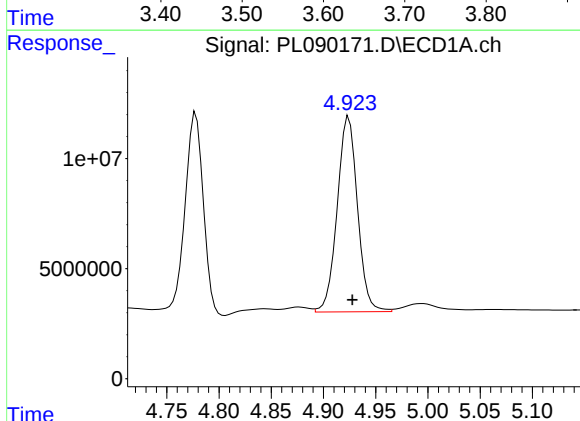
R.T.: 4.335 min  
Delta R.T.: -0.002 min  
Response: 128919569  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



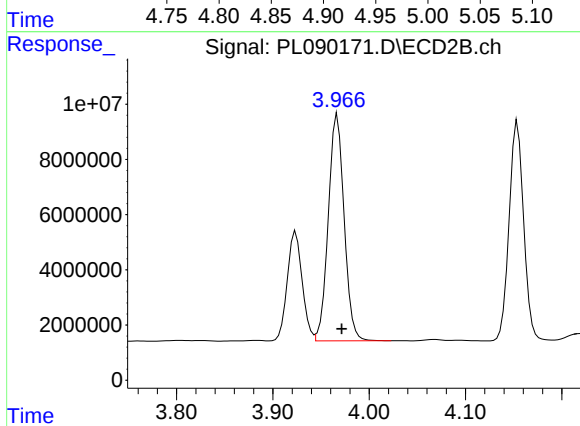
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.004 min  
Response: 99154484  
Conc: 47.41 ng/ml



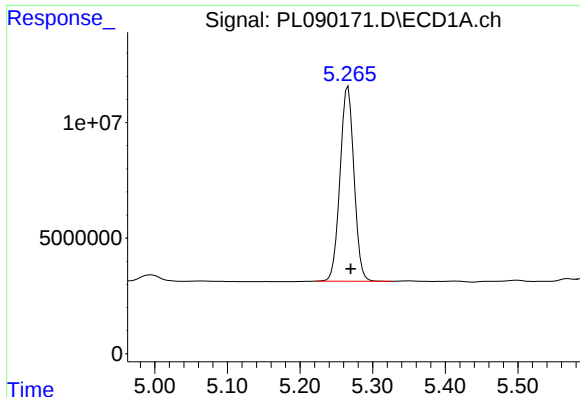
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: -0.003 min  
Response: 120165821  
Conc: 46.03 ng/ml



#4 Heptachlor

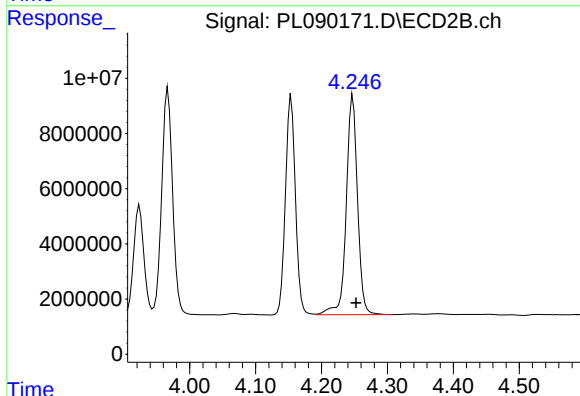
R.T.: 3.967 min  
Delta R.T.: -0.005 min  
Response: 94104607  
Conc: 47.15 ng/ml



#5 Aldrin

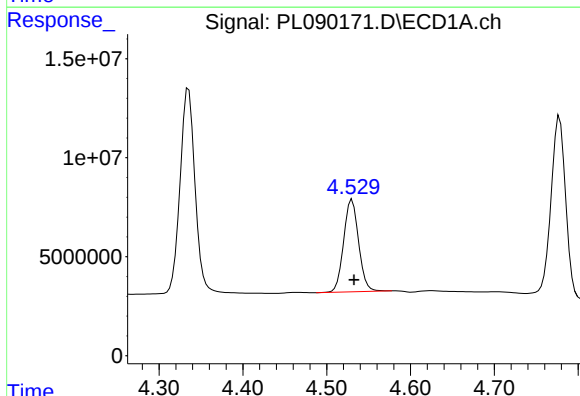
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 112552096  
Conc: 42.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



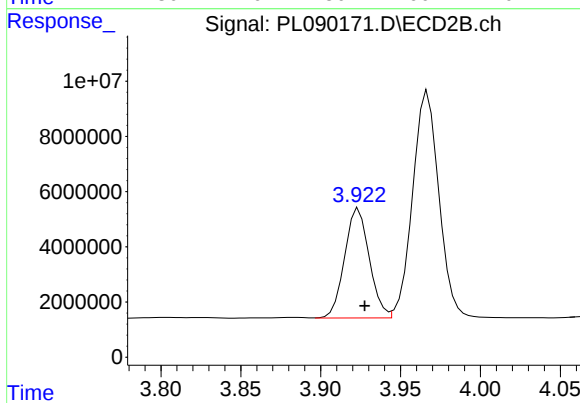
#5 Aldrin

R.T.: 4.248 min  
Delta R.T.: -0.005 min  
Response: 94564238  
Conc: 47.32 ng/ml



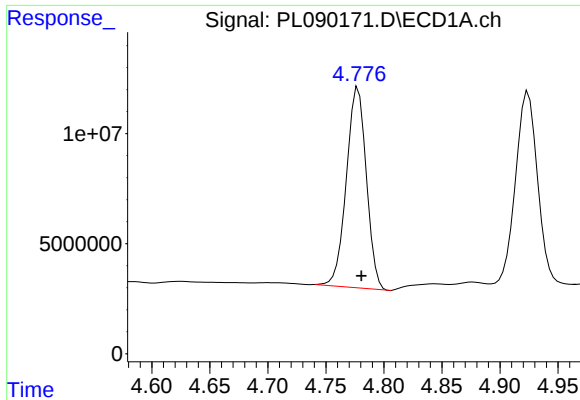
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: -0.002 min  
Response: 57979553  
Conc: 44.39 ng/ml



#6 beta-BHC

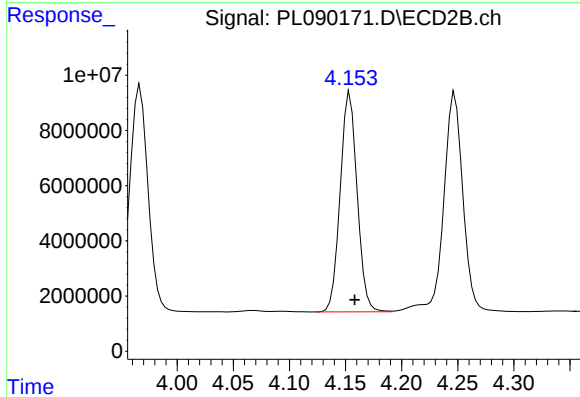
R.T.: 3.924 min  
Delta R.T.: -0.004 min  
Response: 42717028  
Conc: 46.70 ng/ml



#7 delta-BHC

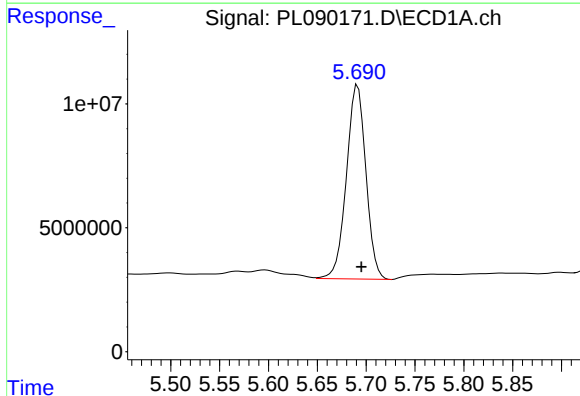
R.T.: 4.778 min  
Delta R.T.: -0.003 min  
Response: 109234373  
Conc: 39.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



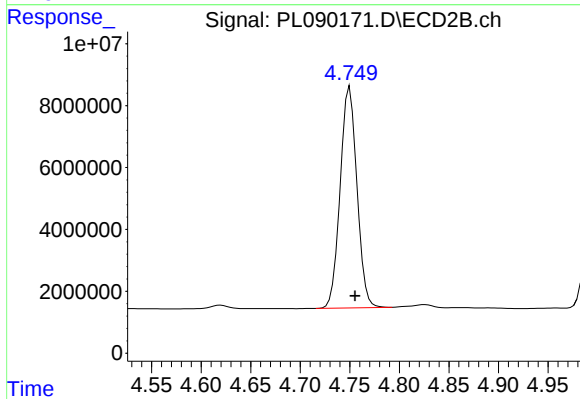
#7 delta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.004 min  
Response: 83797902  
Conc: 41.58 ng/ml



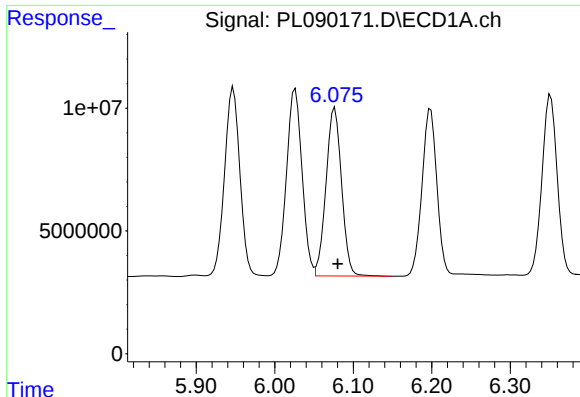
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.004 min  
Response: 108717397  
Conc: 43.65 ng/ml



#8 Heptachlor epoxide

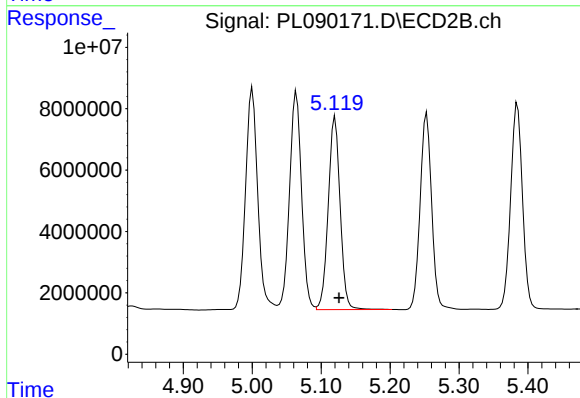
R.T.: 4.750 min  
Delta R.T.: -0.005 min  
Response: 84123920  
Conc: 45.84 ng/ml



#9 Endosulfan I

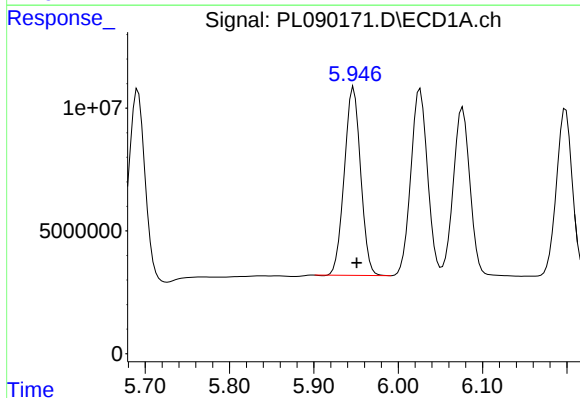
R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 94540734  
Conc: 41.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



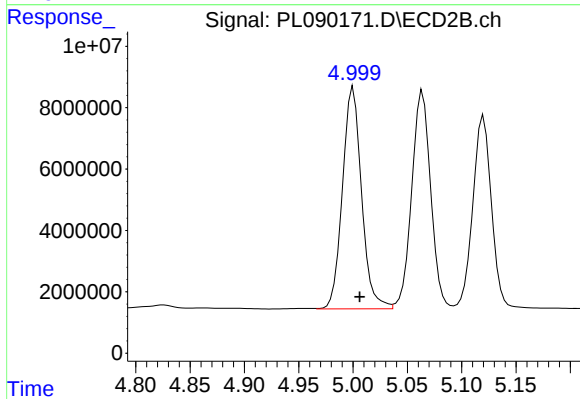
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: -0.006 min  
Response: 75288422  
Conc: 44.07 ng/ml



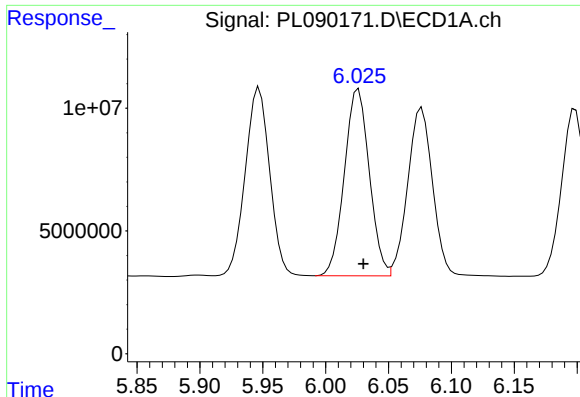
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 103005076  
Conc: 42.59 ng/ml



#10 gamma-Chlordane

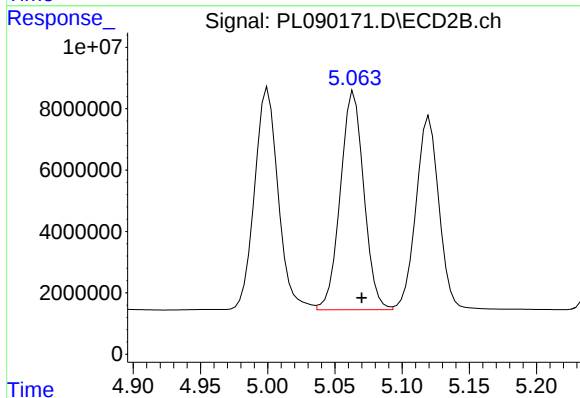
R.T.: 5.000 min  
Delta R.T.: -0.006 min  
Response: 88633714  
Conc: 47.55 ng/ml



#11 alpha-Chlordane

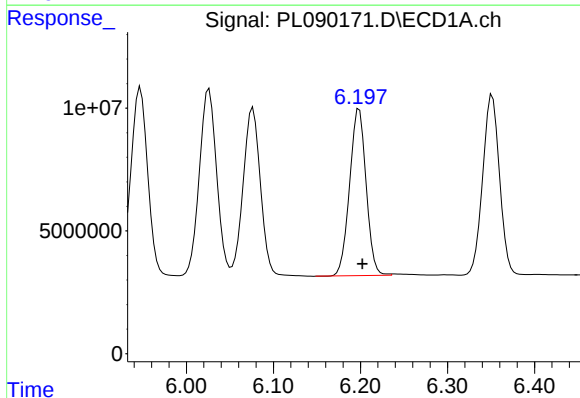
R.T.: 6.026 min  
Delta R.T.: -0.004 min  
Response: 104911201  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



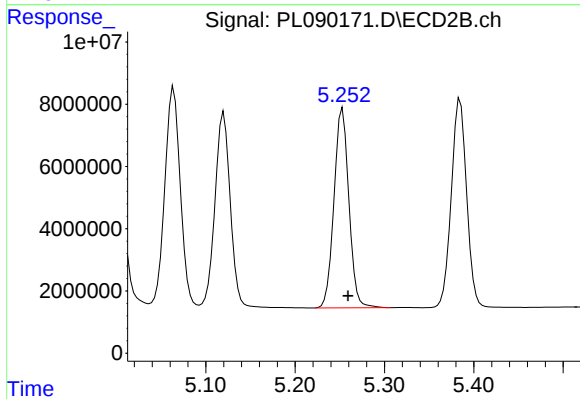
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.006 min  
Response: 86455128  
Conc: 46.08 ng/ml



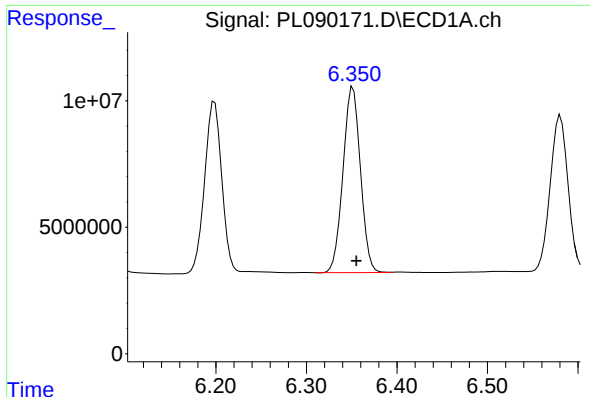
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 89551787  
Conc: 41.17 ng/ml



#12 4,4'-DDE

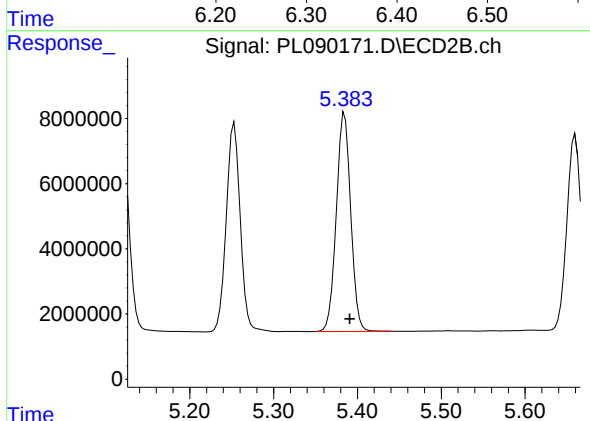
R.T.: 5.253 min  
Delta R.T.: -0.006 min  
Response: 74217903  
Conc: 44.42 ng/ml



#13 Dieldrin

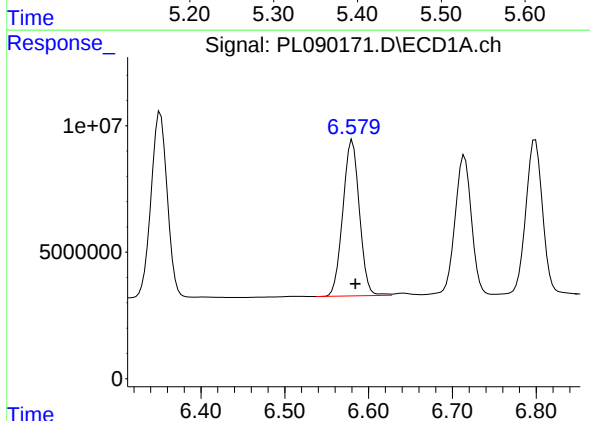
R.T.: 6.351 min  
Delta R.T.: -0.004 min  
Response: 98357367  
Conc: 41.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



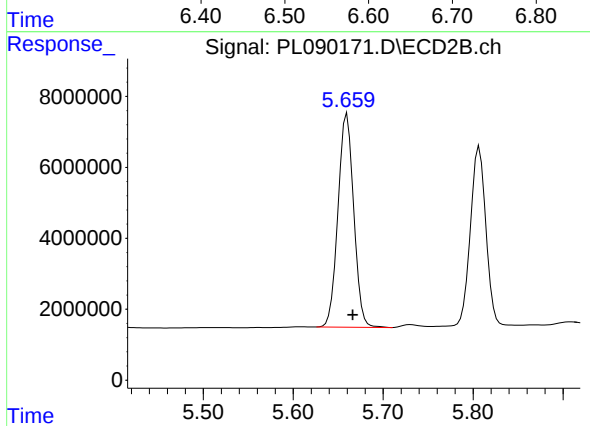
#13 Dieldrin

R.T.: 5.385 min  
Delta R.T.: -0.006 min  
Response: 80047023  
Conc: 43.44 ng/ml



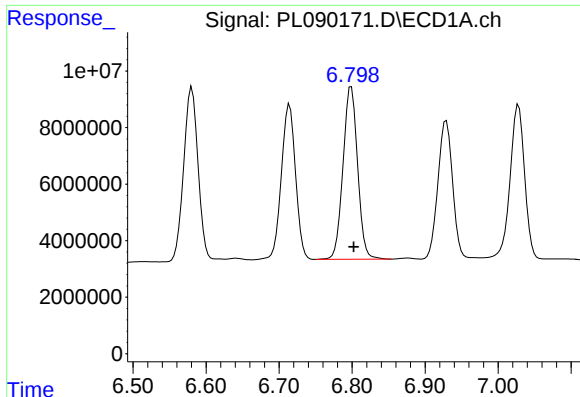
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.004 min  
Response: 84531197  
Conc: 42.05 ng/ml



#14 Endrin

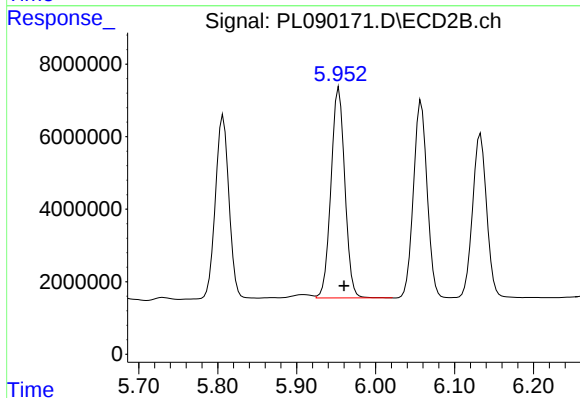
R.T.: 5.660 min  
Delta R.T.: -0.006 min  
Response: 73205094  
Conc: 44.69 ng/ml



#15 Endosulfan II

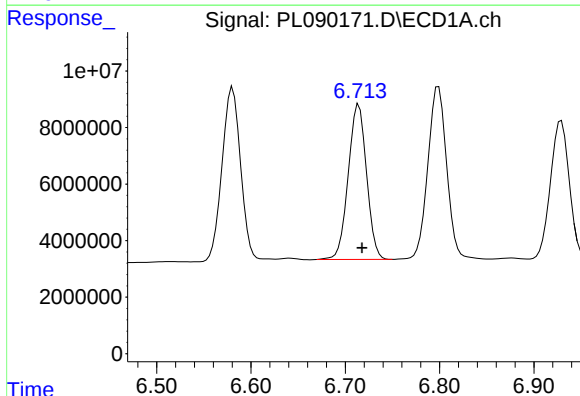
R.T.: 6.799 min  
Delta R.T.: -0.004 min  
Response: 84783796  
Conc: 40.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



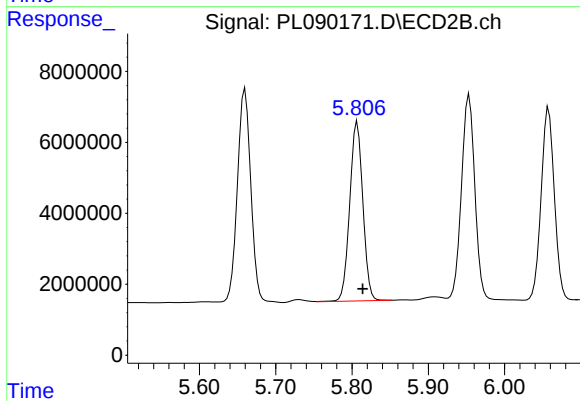
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: -0.006 min  
Response: 70779091  
Conc: 43.95 ng/ml



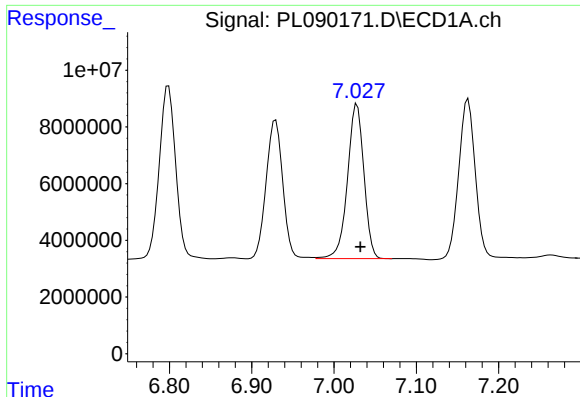
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: -0.003 min  
Response: 74295276  
Conc: 42.41 ng/ml



#16 4,4'-DDD

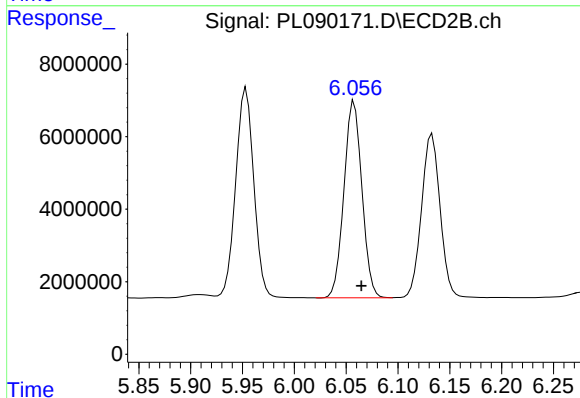
R.T.: 5.807 min  
Delta R.T.: -0.007 min  
Response: 60654095  
Conc: 43.03 ng/ml



#17 4,4'-DDT

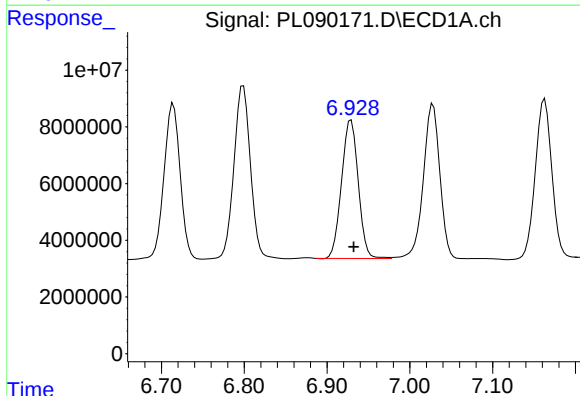
R.T.: 7.028 min  
Delta R.T.: -0.004 min  
Response: 75592072  
Conc: 41.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



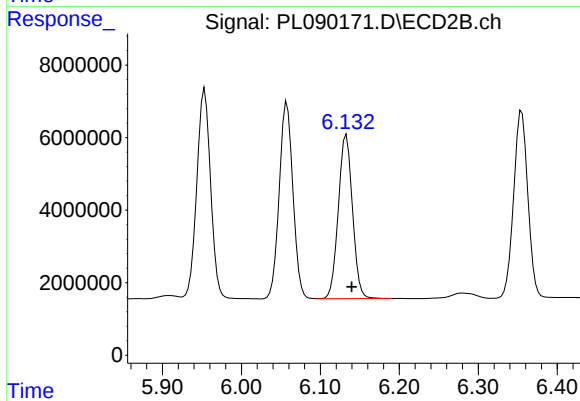
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: -0.007 min  
Response: 65404382  
Conc: 43.07 ng/ml



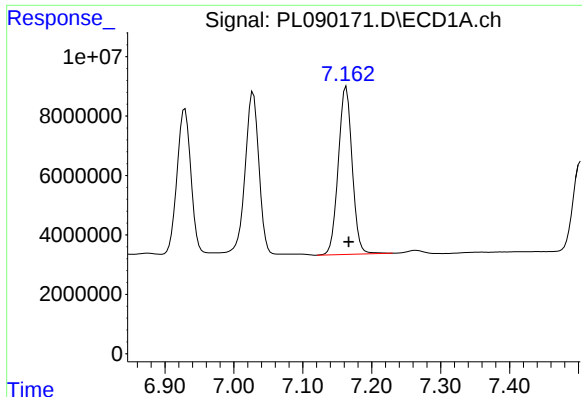
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: -0.003 min  
Response: 68345967  
Conc: 44.09 ng/ml



#18 Endrin aldehyde

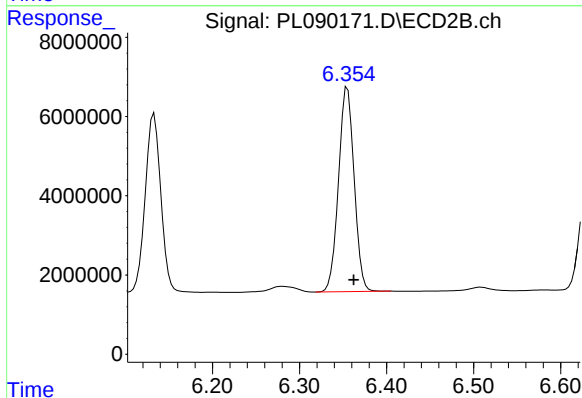
R.T.: 6.133 min  
Delta R.T.: -0.007 min  
Response: 56202951  
Conc: 46.31 ng/ml



#19 Endosulfan Sulfate

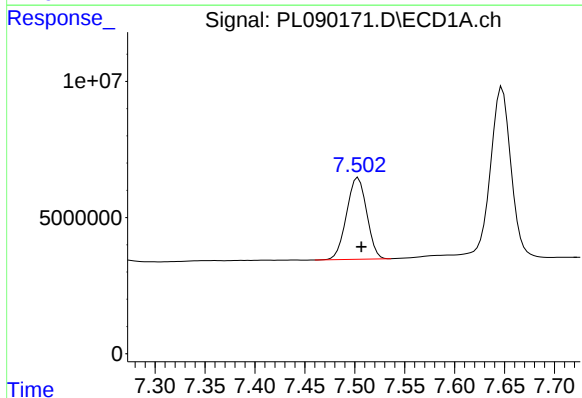
R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 79167681  
Conc: 41.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



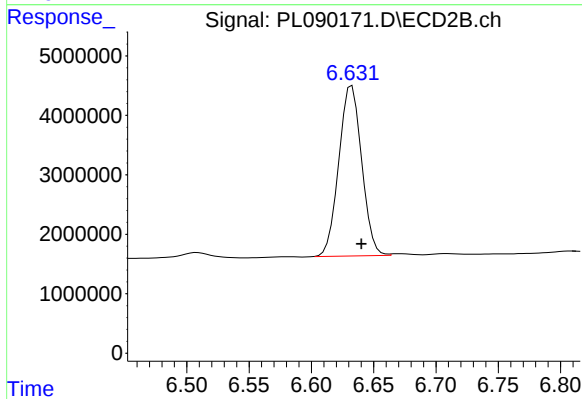
#19 Endosulfan Sulfate

R.T.: 6.355 min  
Delta R.T.: -0.007 min  
Response: 64446821  
Conc: 40.98 ng/ml



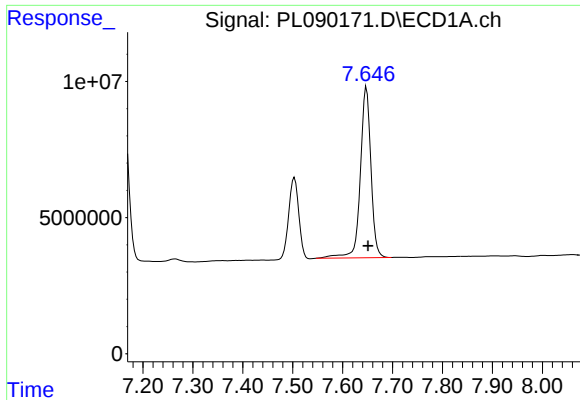
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.003 min  
Response: 42138672  
Conc: 42.90 ng/ml



#20 Methoxychlor

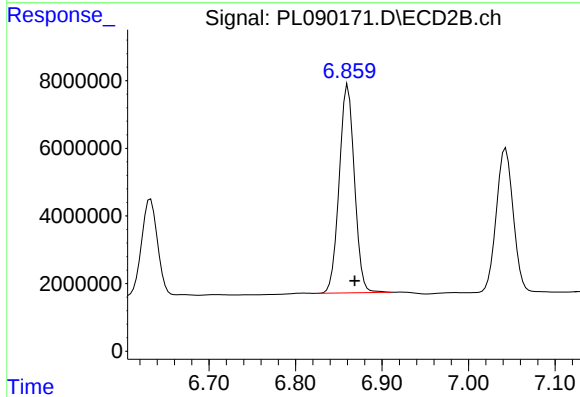
R.T.: 6.632 min  
Delta R.T.: -0.008 min  
Response: 36725046  
Conc: 41.28 ng/ml



#21 Endrin ketone

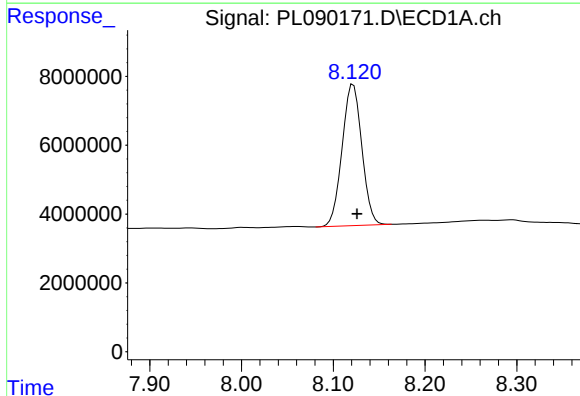
R.T.: 7.648 min  
Delta R.T.: -0.004 min  
Response: 92610092  
Conc: 43.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



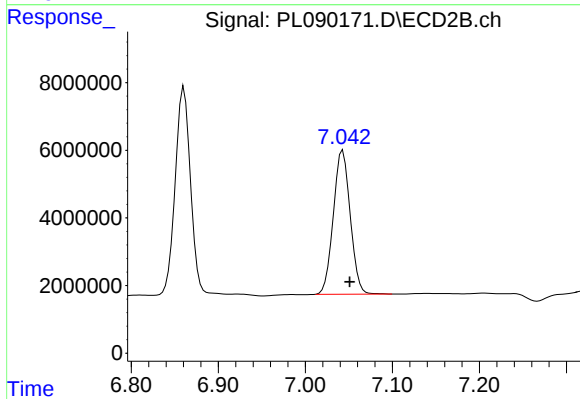
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.008 min  
Response: 74833204  
Conc: 41.06 ng/ml



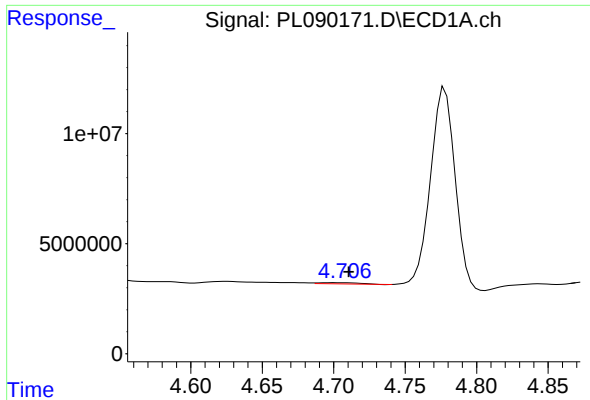
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.004 min  
Response: 61289681  
Conc: 36.84 ng/ml



#22 Mirex

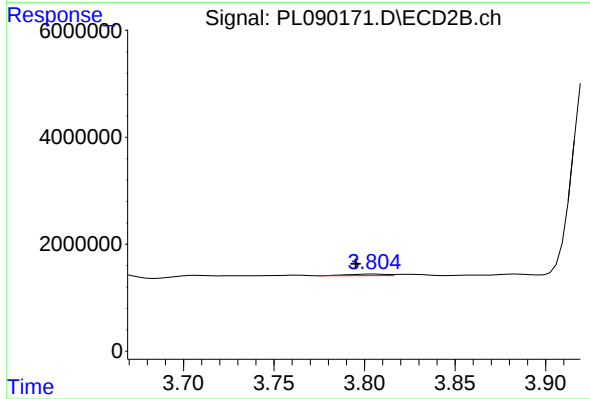
R.T.: 7.043 min  
Delta R.T.: -0.008 min  
Response: 57520821  
Conc: 37.45 ng/ml



#23 Chlordane-1

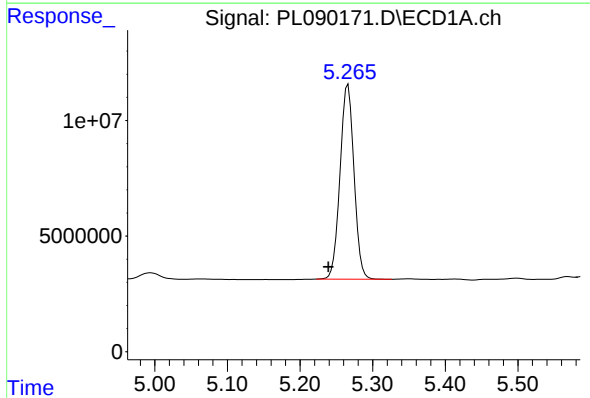
R.T.: 4.701 min  
Delta R.T.: -0.009 min  
Response: 984311  
Conc: 9.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



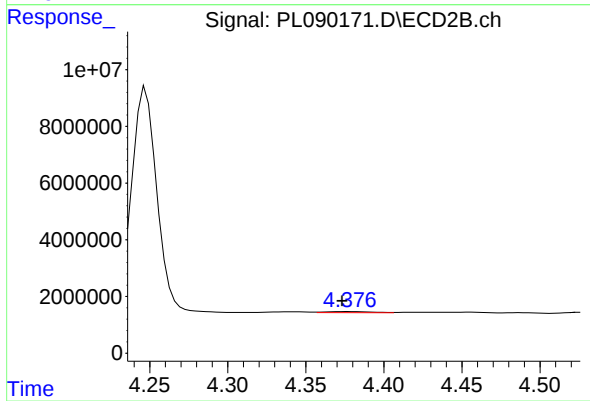
#23 Chlordane-1

R.T.: 3.805 min  
Delta R.T.: 0.010 min  
Response: 431303  
Conc: 6.58 ng/ml



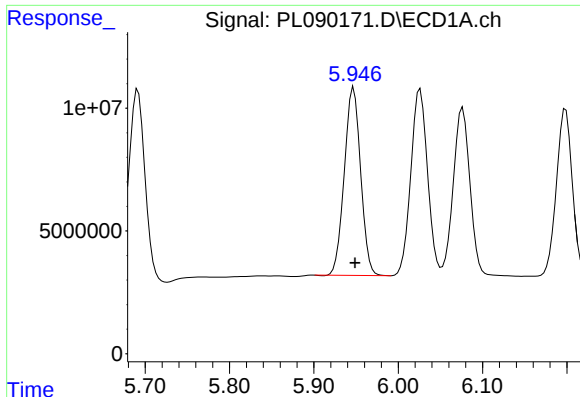
#24 Chlordane-2

R.T.: 5.266 min  
Delta R.T.: 0.027 min  
Response: 112552096  
Conc: 937.20 ng/ml



#24 Chlordane-2

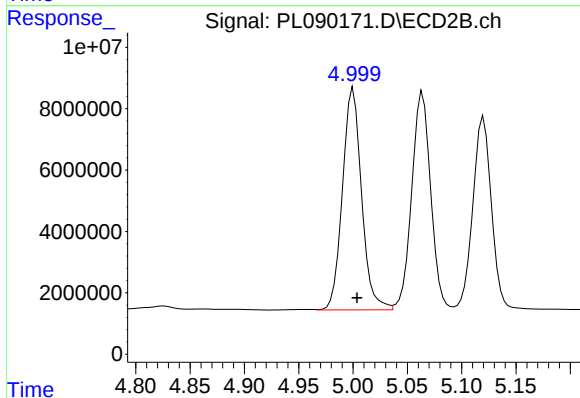
R.T.: 4.378 min  
Delta R.T.: 0.005 min  
Response: 758824  
Conc: 9.51 ng/ml



#25 Chlordane-3

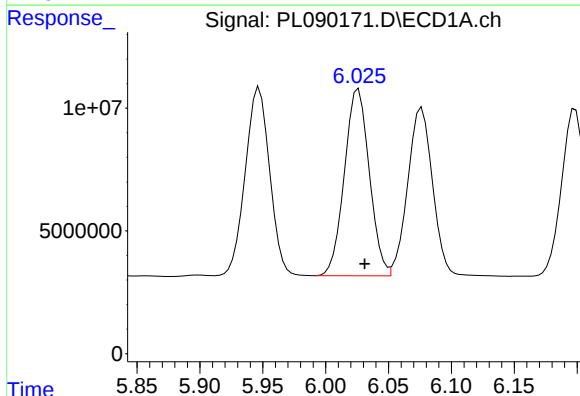
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 103005076  
Conc: 257.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



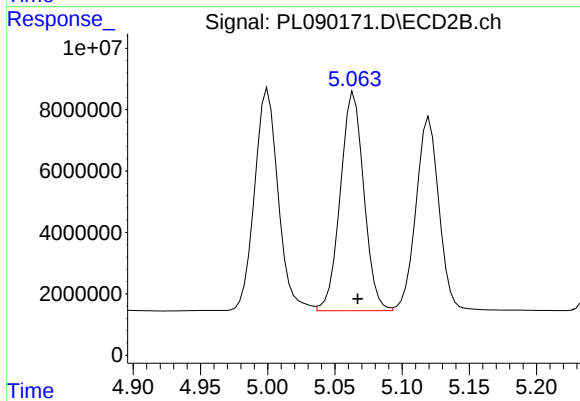
#25 Chlordane-3

R.T.: 5.000 min  
Delta R.T.: -0.003 min  
Response: 88633714  
Conc: 398.19 ng/ml



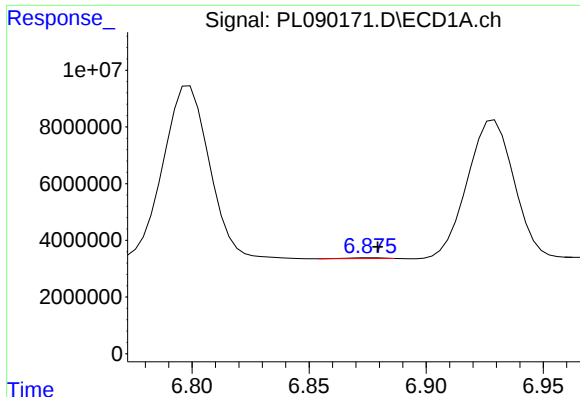
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.005 min  
Response: 104911201  
Conc: 214.59 ng/ml



#26 Chlordane-4

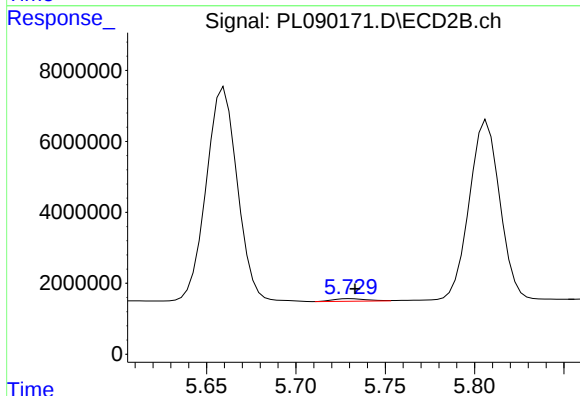
R.T.: 5.064 min  
Delta R.T.: -0.003 min  
Response: 86455128  
Conc: 408.89 ng/ml



#27 Chlordane-5

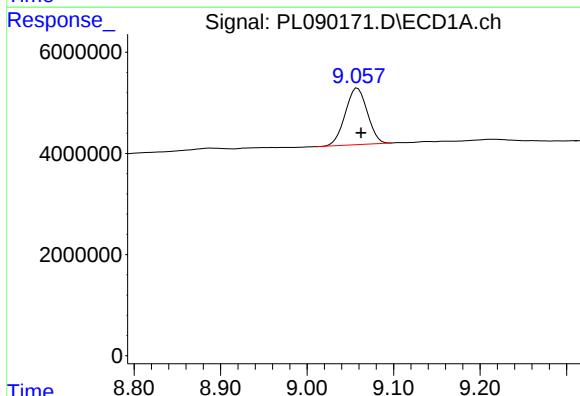
R.T.: 6.876 min  
Delta R.T.: -0.003 min  
Response: 296906  
Conc: 3.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



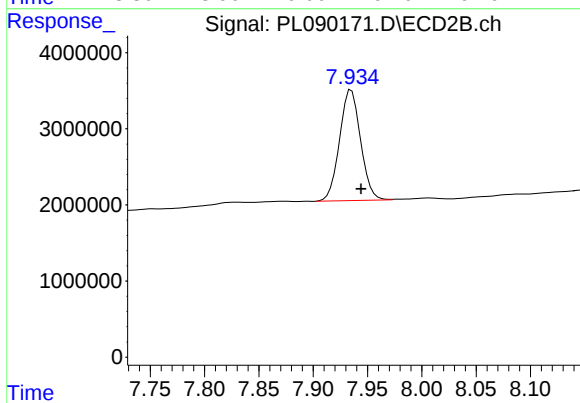
#27 Chlordane-5

R.T.: 5.731 min  
Delta R.T.: -0.002 min  
Response: 932409  
Conc: 13.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.004 min  
Response: 19738368  
Conc: 13.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: -0.009 min  
Response: 19578220  
Conc: 13.18 ng/ml