

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052224\  
 Data File : PL0895685.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2024 16:52  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 01:54:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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 | 99933993 | 74036392 | 49.628   | 57.704    |
| 28)                         | SA Decachlor... | 9.058  | 7.939 | 64426987 | 65753542 | 46.052   | 48.880    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.003  | 3.297 | 143.1E6  | 111.2E6  | 50.174   | 58.958    |
| 3)                          | MA gamma-BHC... | 4.336  | 3.627 | 138.4E6  | 107.8E6  | 49.716   | 58.446    |
| 4)                          | MA Heptachlor   | 4.925  | 3.969 | 112.1E6  | 95720342 | 45.206   | 54.625    |
| 5)                          | MB Aldrin       | 5.267  | 4.250 | 117.7E6  | 100.0E6  | 45.812   | 56.576    |
| 6)                          | B beta-BHC      | 4.530  | 3.925 | 61021998 | 46061360 | 48.370   | 56.416    |
| 7)                          | B delta-BHC     | 4.778  | 4.155 | 128.9E6  | 105.5E6  | 48.607   | 58.617    |
| 8)                          | B Heptachlo...  | 5.692  | 4.752 | 107.6E6  | 88626109 | 45.857   | 54.817    |
| 9)                          | A Endosulfan I  | 6.077  | 5.122 | 97658018 | 79941883 | 45.427   | 53.377    |
| 10)                         | B gamma-Chl...  | 5.947  | 5.003 | 103.8E6  | 87192943 | 45.425   | 53.136    |
| 11)                         | B alpha-Chl...  | 6.027  | 5.066 | 102.8E6  | 87032836 | 45.190   | 52.773    |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.256 | 91968374 | 78573848 | 45.453   | 54.041    |
| 13)                         | MA Dieldrin     | 6.351  | 5.387 | 103.4E6  | 85805555 | 46.214   | 53.338    |
| 14)                         | MA Endrin       | 6.581  | 5.662 | 85521893 | 74699298 | 45.146   | 51.958    |
| 15)                         | B Endosulfa...  | 6.799  | 5.956 | 89976525 | 75683334 | 45.083   | 52.619    |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.809 | 80580241 | 70389061 | 47.765   | 57.076    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.060 | 75239500 | 64313338 | 40.914   | 47.534    |
| 18)                         | B Endrin al...  | 6.929  | 6.135 | 68784289 | 55937954 | 45.484   | 50.290    |
| 19)                         | B Endosulfa...  | 7.163  | 6.358 | 81665039 | 70875319 | 45.147   | 51.093    |
| 20)                         | A Methoxychlor  | 7.503  | 6.635 | 40565592 | 38143049 | 41.250   | 47.704    |
| 21)                         | B Endrin ke...  | 7.647  | 6.863 | 94856183 | 79243906 | 47.389   | 49.559    |
| 22)                         | Mirex           | 8.122  | 7.047 | 68270706 | 65162932 | 43.929   | 47.765    |
| 24)                         | Chlordane-2     | 5.267f | 4.386 | 117.7E6  | 940017   | 1119.529 | 14.777 #  |
| 25)                         | Chlordane-3     | 5.947  | 5.003 | 103.8E6  | 87192943 | 314.415  | 509.243 # |
| 26)                         | Chlordane-4     | 6.027  | 5.066 | 102.8E6  | 87032836 | 252.178  | 541.099 # |
| 27)                         | Chlordane-5     | 0.000  | 5.752 | 0        | 216672   | N.D.     | 4.234 #   |
| -----                       |                 |        |       |          |          |          |           |

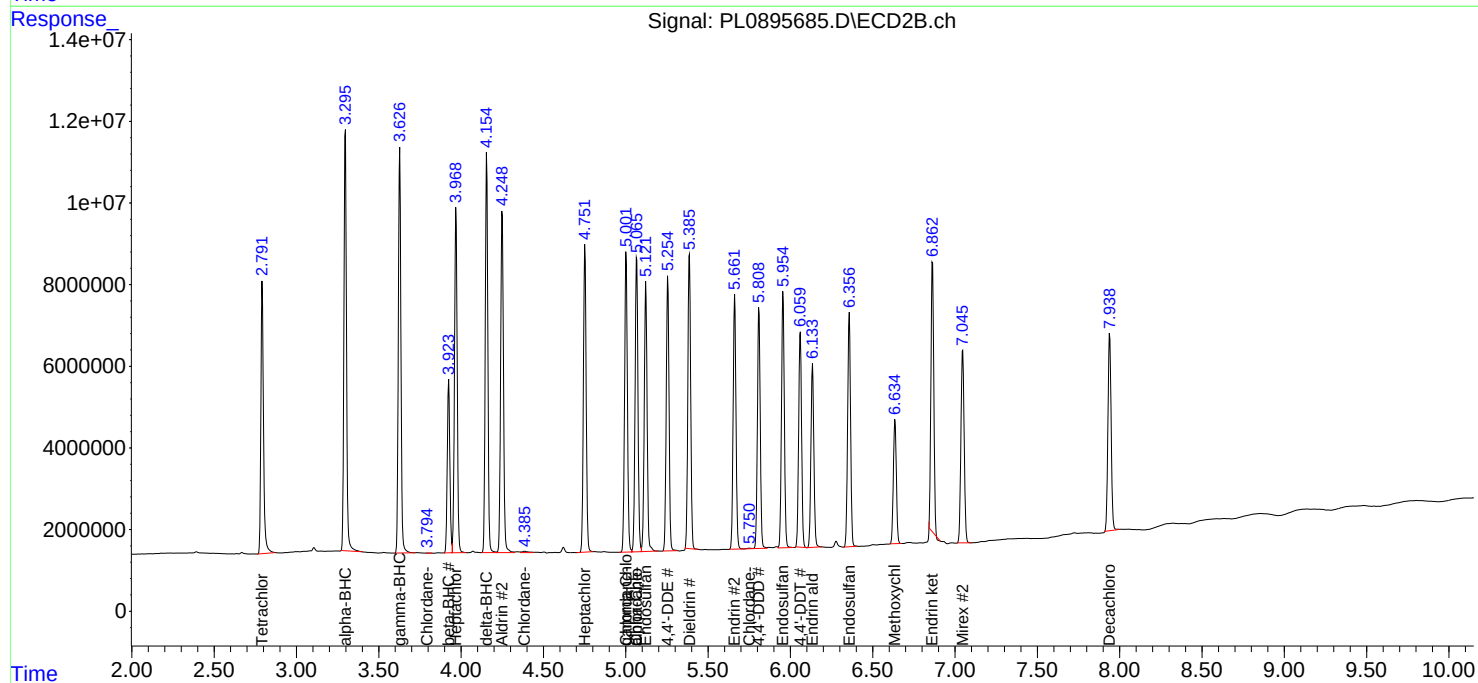
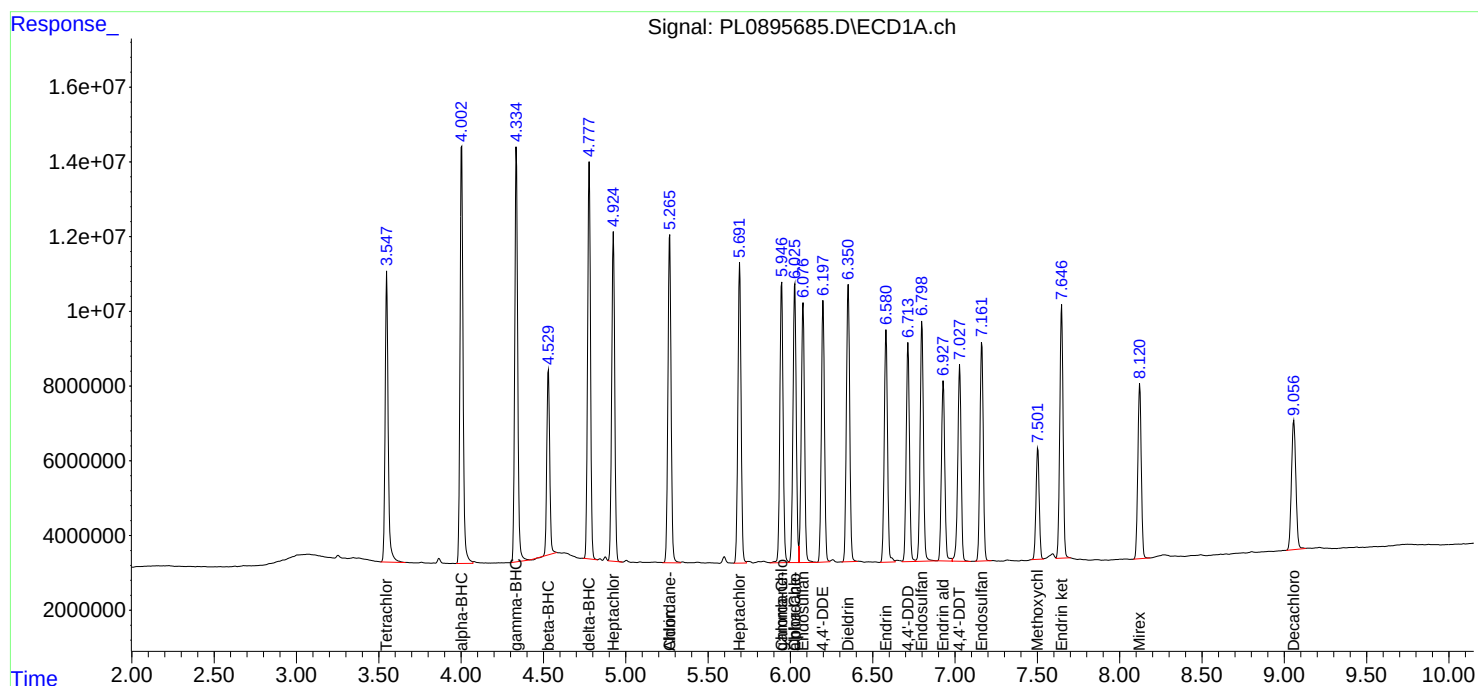
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

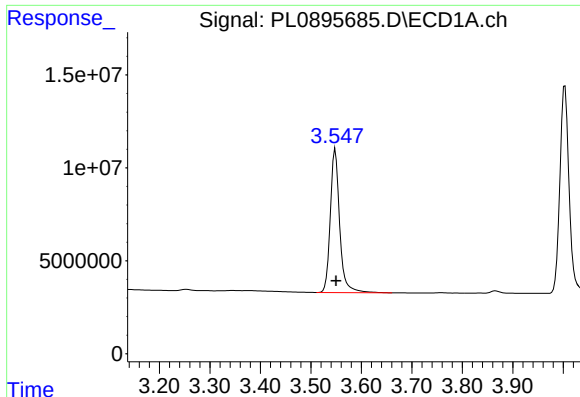
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052224\  
Data File : PL0895685.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2024 16:52  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 01:54:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

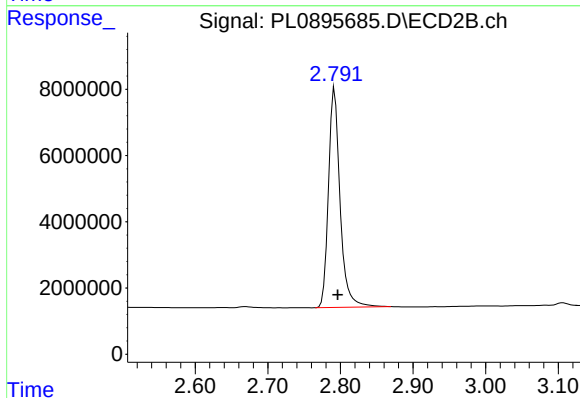




#1 Tetrachloro-m-xylene

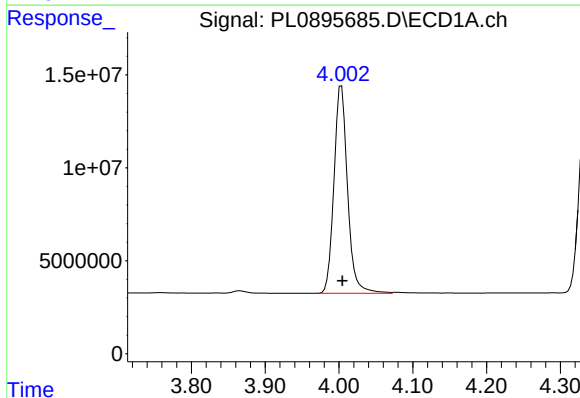
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 99933993  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



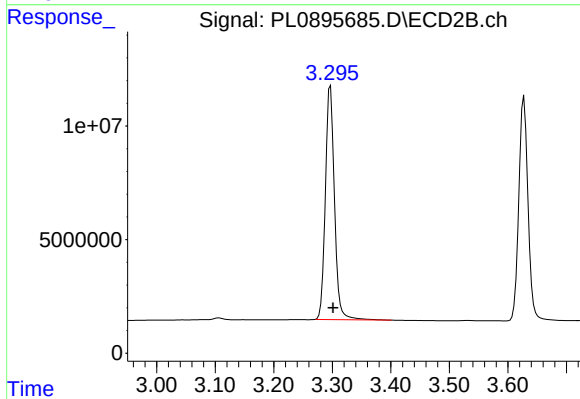
#1 Tetrachloro-m-xylene

R.T.: 2.792 min  
Delta R.T.: -0.004 min  
Response: 74036392  
Conc: 57.70 ng/ml



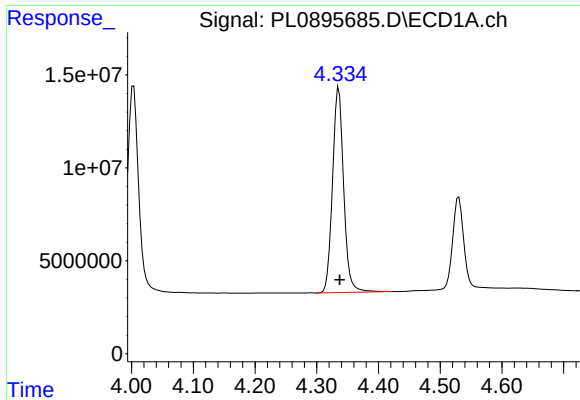
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 143085015  
Conc: 50.17 ng/ml



#2 alpha-BHC

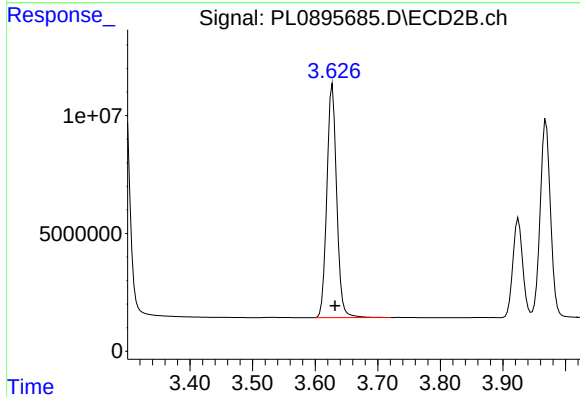
R.T.: 3.297 min  
Delta R.T.: -0.004 min  
Response: 111246422  
Conc: 58.96 ng/ml



#3 gamma-BHC (Lindane)

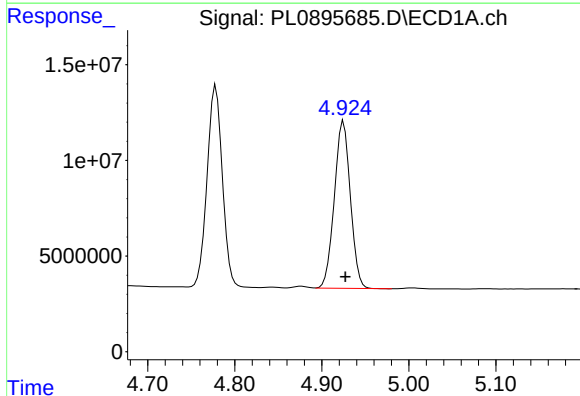
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 138405595  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



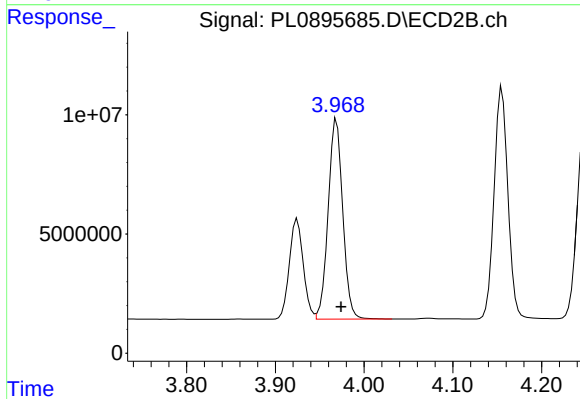
#3 gamma-BHC (Lindane)

R.T.: 3.627 min  
Delta R.T.: -0.004 min  
Response: 107847835  
Conc: 58.45 ng/ml



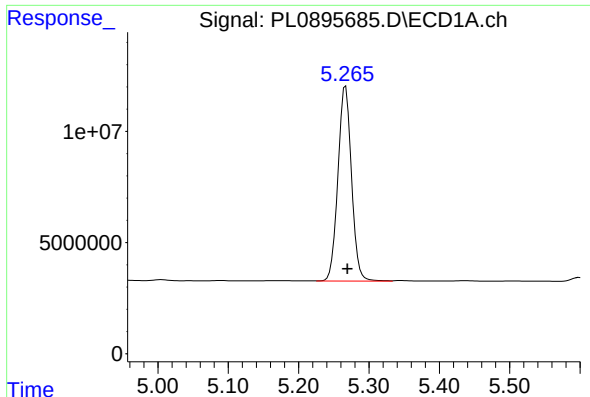
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.002 min  
Response: 112116566  
Conc: 45.21 ng/ml



#4 Heptachlor

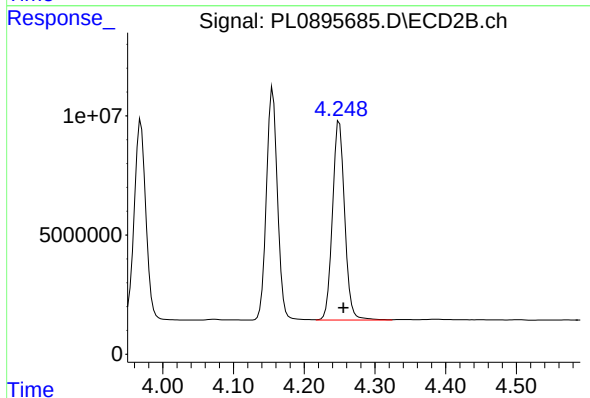
R.T.: 3.969 min  
Delta R.T.: -0.005 min  
Response: 95720342  
Conc: 54.63 ng/ml



#5 Aldrin

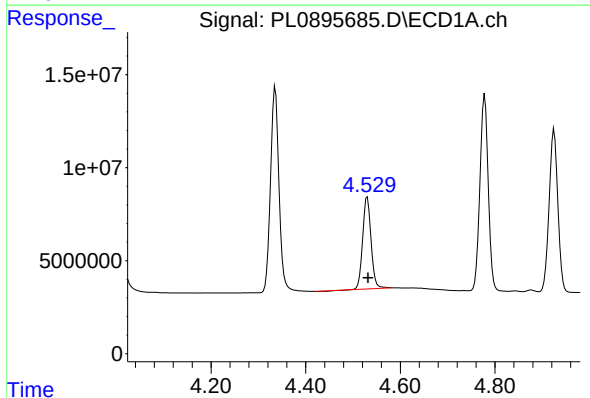
R.T.: 5.267 min  
Delta R.T.: -0.003 min  
Response: 117655838  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



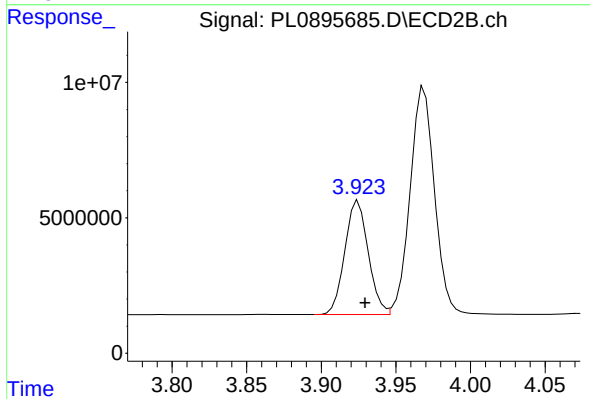
#5 Aldrin

R.T.: 4.250 min  
Delta R.T.: -0.006 min  
Response: 100016472  
Conc: 56.58 ng/ml



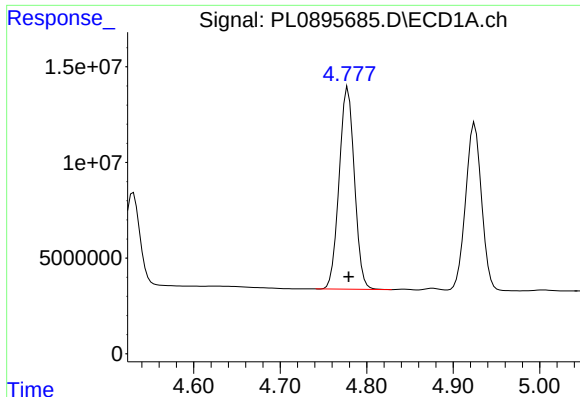
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: -0.001 min  
Response: 61021998  
Conc: 48.37 ng/ml



#6 beta-BHC

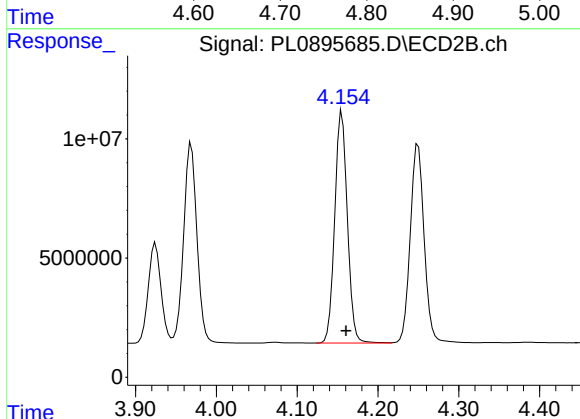
R.T.: 3.925 min  
Delta R.T.: -0.004 min  
Response: 46061360  
Conc: 56.42 ng/ml



#7 delta-BHC

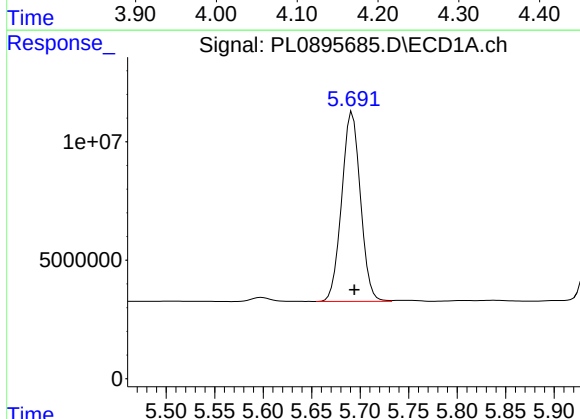
R.T.: 4.778 min  
Delta R.T.: -0.001 min  
Response: 128908507  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



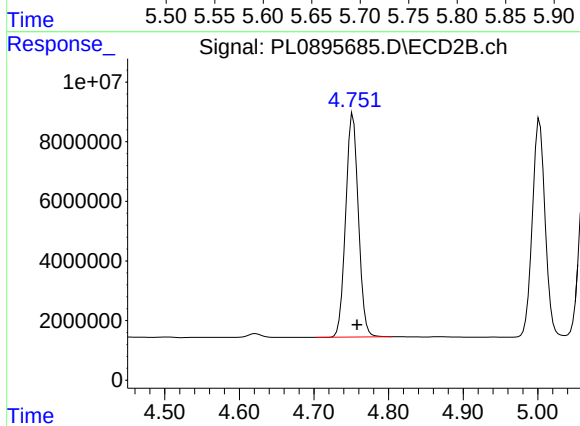
#7 delta-BHC

R.T.: 4.155 min  
Delta R.T.: -0.005 min  
Response: 105463766  
Conc: 58.62 ng/ml



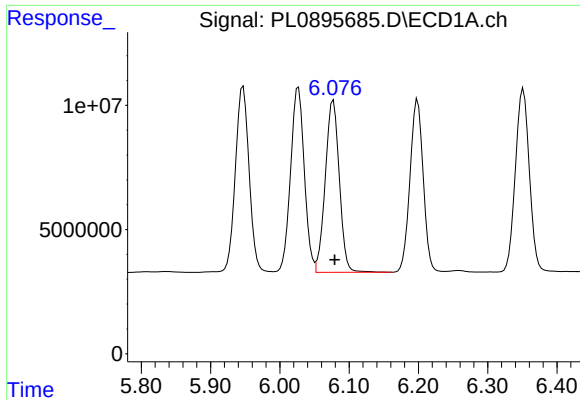
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 107557070  
Conc: 45.86 ng/ml



#8 Heptachlor epoxide

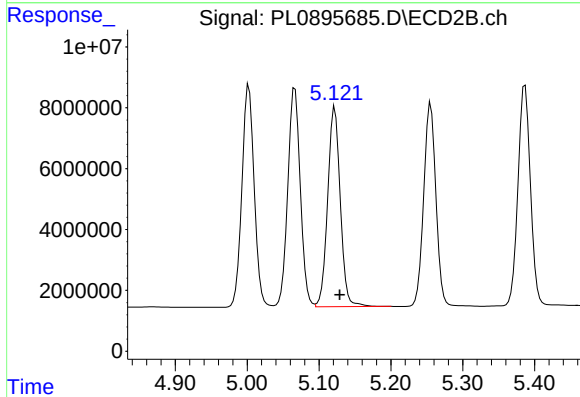
R.T.: 4.752 min  
Delta R.T.: -0.006 min  
Response: 88626109  
Conc: 54.82 ng/ml



#9 Endosulfan I

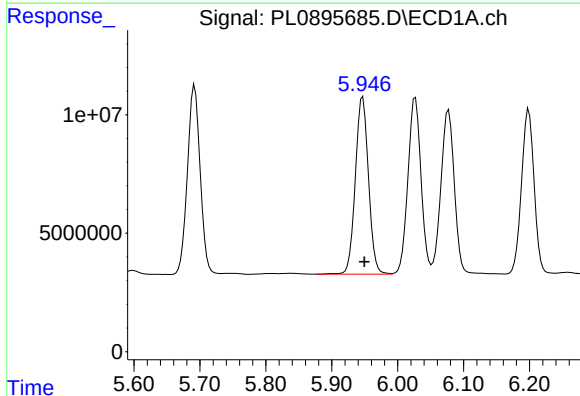
R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 97658018  
Conc: 45.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



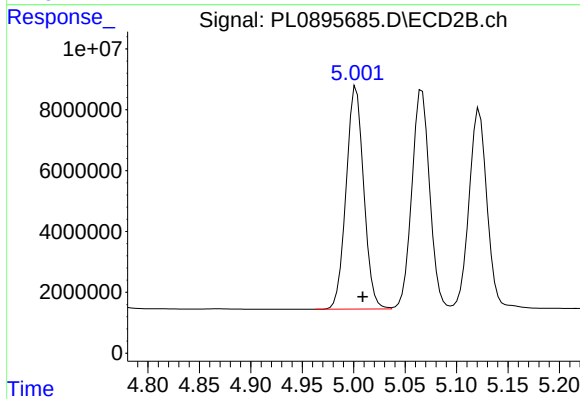
#9 Endosulfan I

R.T.: 5.122 min  
Delta R.T.: -0.007 min  
Response: 79941883  
Conc: 53.38 ng/ml



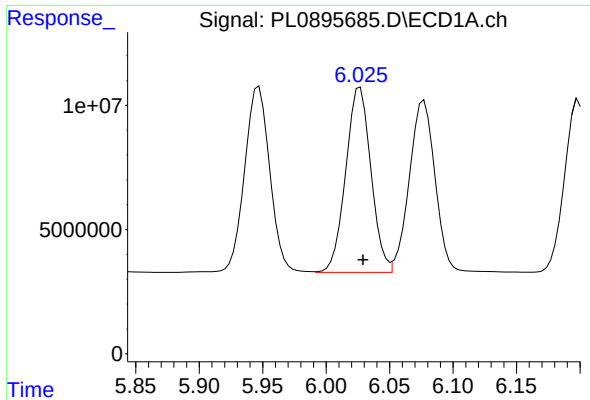
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 103838058  
Conc: 45.43 ng/ml



#10 gamma-Chlordane

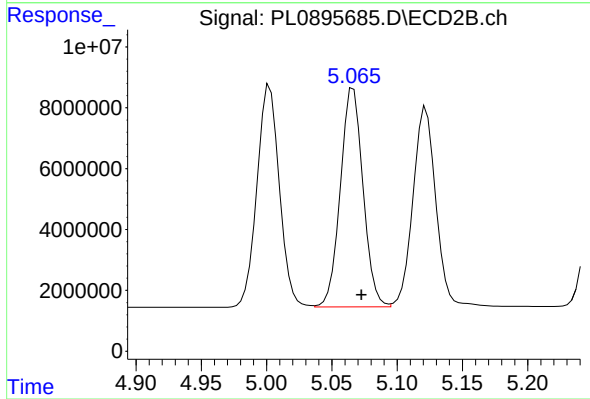
R.T.: 5.003 min  
Delta R.T.: -0.006 min  
Response: 87192943  
Conc: 53.14 ng/ml



#11 alpha-Chlordane

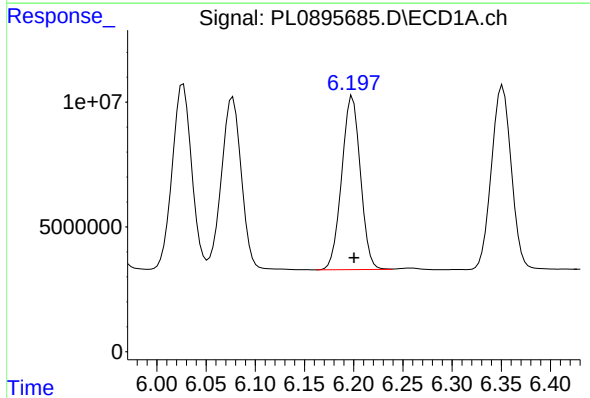
R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 102794034  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



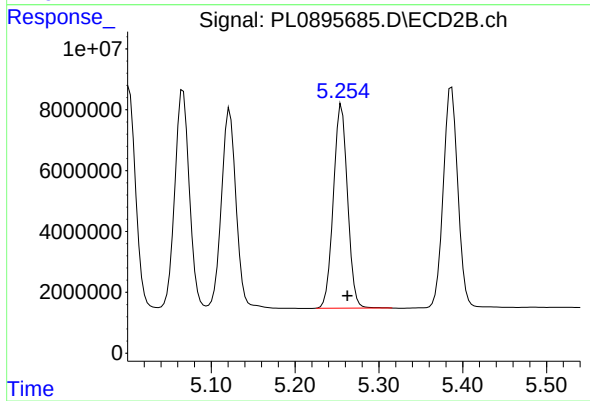
#11 alpha-Chlordane

R.T.: 5.066 min  
Delta R.T.: -0.006 min  
Response: 87032836  
Conc: 52.77 ng/ml



#12 4,4'-DDE

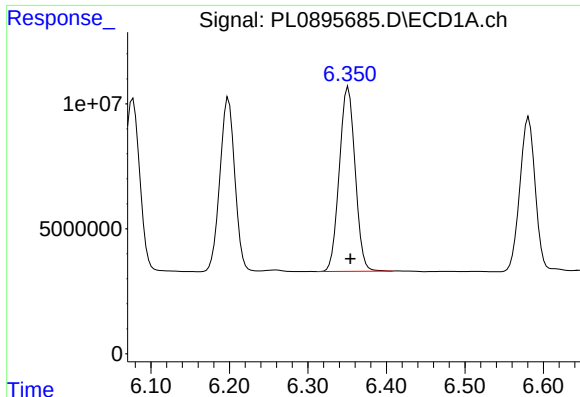
R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 91968374  
Conc: 45.45 ng/ml



#12 4,4'-DDE

R.T.: 5.256 min  
Delta R.T.: -0.007 min  
Response: 78573848  
Conc: 54.04 ng/ml

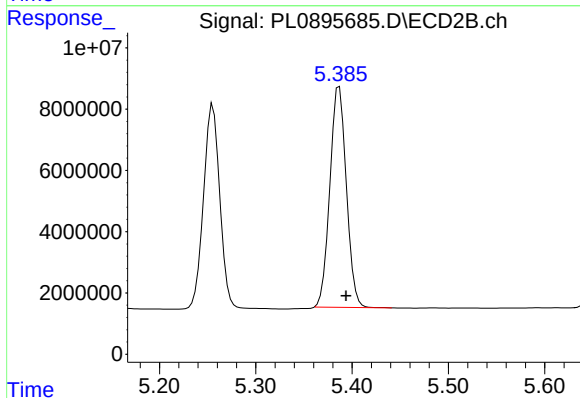




#13 Dieldrin

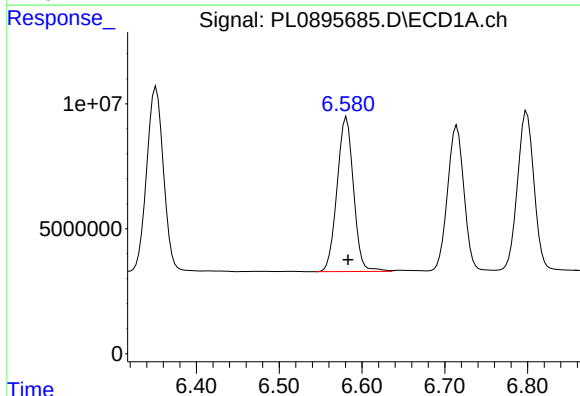
R.T.: 6.351 min  
Delta R.T.: -0.003 min  
Response: 103448718  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



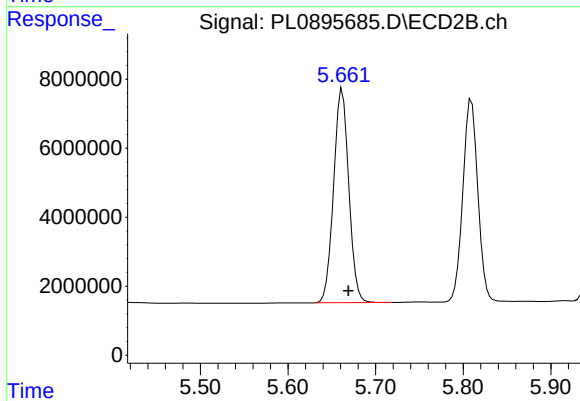
#13 Dieldrin

R.T.: 5.387 min  
Delta R.T.: -0.007 min  
Response: 85805555  
Conc: 53.34 ng/ml



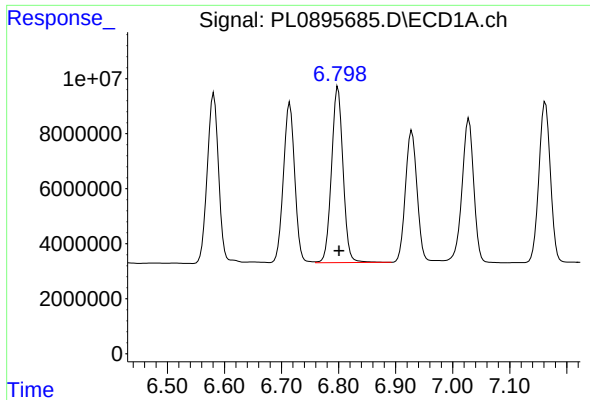
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.002 min  
Response: 85521893  
Conc: 45.15 ng/ml



#14 Endrin

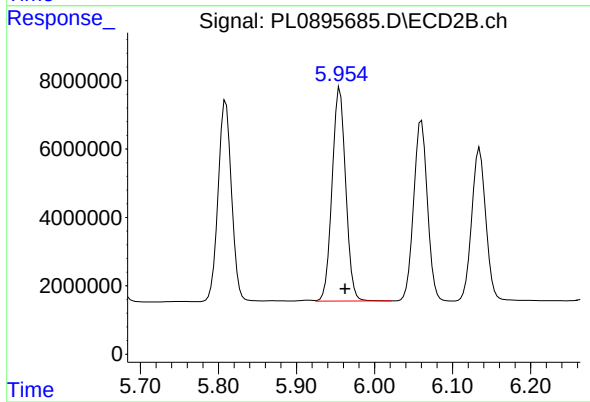
R.T.: 5.662 min  
Delta R.T.: -0.007 min  
Response: 74699298  
Conc: 51.96 ng/ml



#15 Endosulfan II

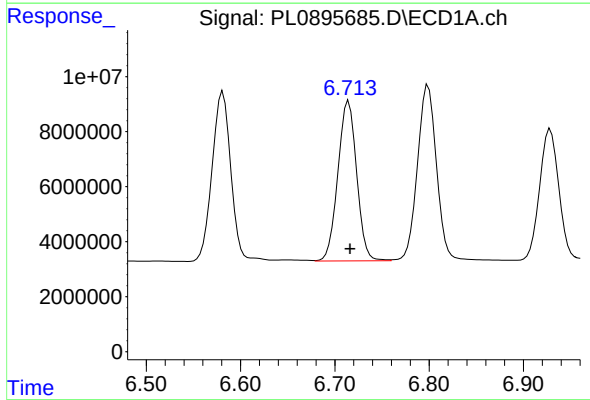
R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 89976525  
Conc: 45.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



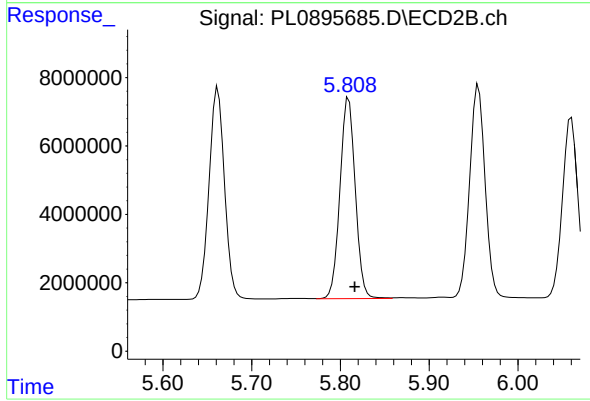
#15 Endosulfan II

R.T.: 5.956 min  
Delta R.T.: -0.007 min  
Response: 75683334  
Conc: 52.62 ng/ml



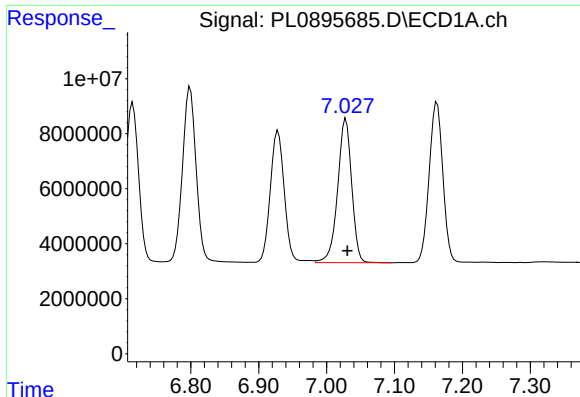
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: -0.002 min  
Response: 80580241  
Conc: 47.77 ng/ml



#16 4,4'-DDD

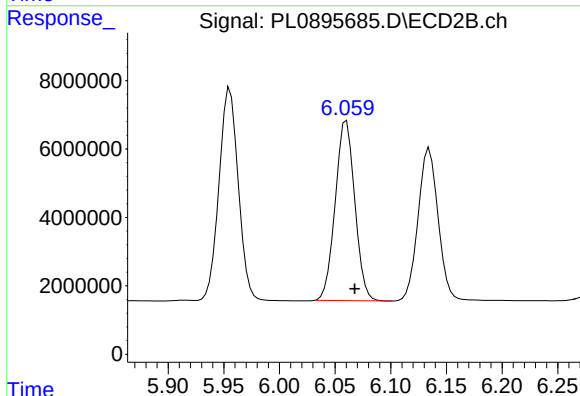
R.T.: 5.809 min  
Delta R.T.: -0.007 min  
Response: 70389061  
Conc: 57.08 ng/ml



#17 4,4'-DDT

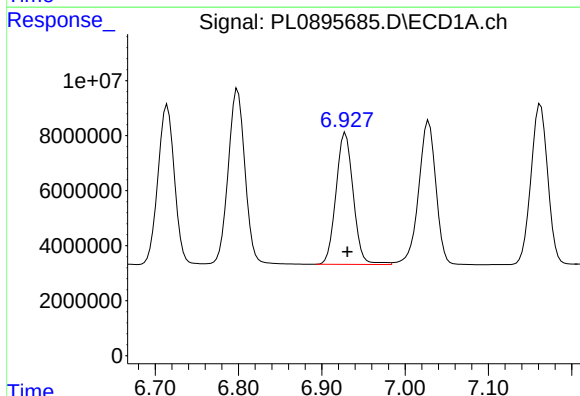
R.T.: 7.028 min  
Delta R.T.: -0.002 min  
Response: 75239500  
Conc: 40.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



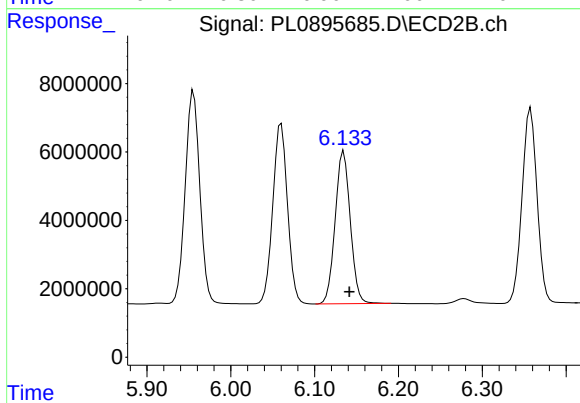
#17 4,4'-DDT

R.T.: 6.060 min  
Delta R.T.: -0.008 min  
Response: 64313338  
Conc: 47.53 ng/ml



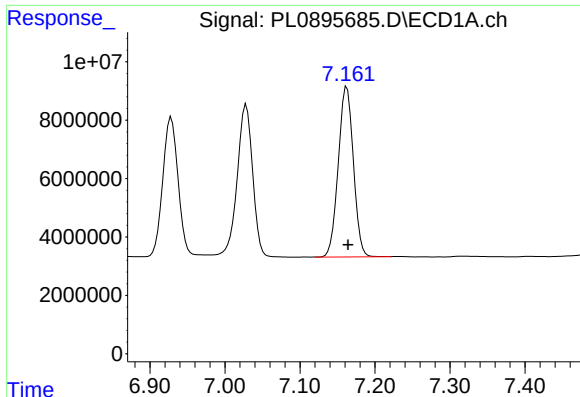
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 68784289  
Conc: 45.48 ng/ml



#18 Endrin aldehyde

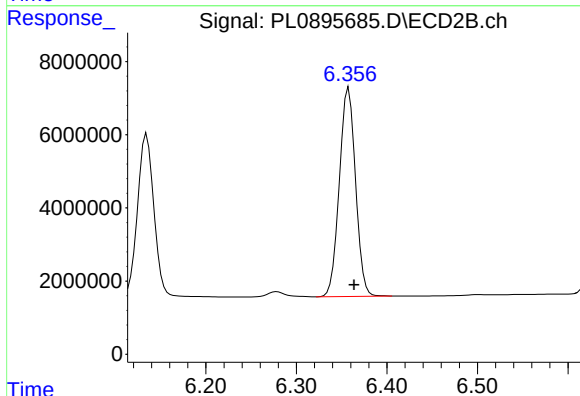
R.T.: 6.135 min  
Delta R.T.: -0.007 min  
Response: 55937954  
Conc: 50.29 ng/ml



#19 Endosulfan Sulfate

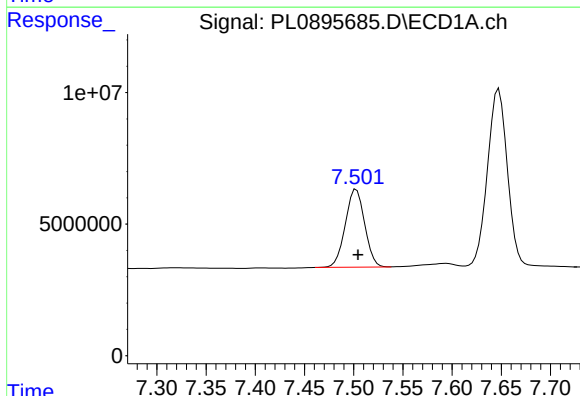
R.T.: 7.163 min  
Delta R.T.: -0.001 min  
Response: 81665039  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



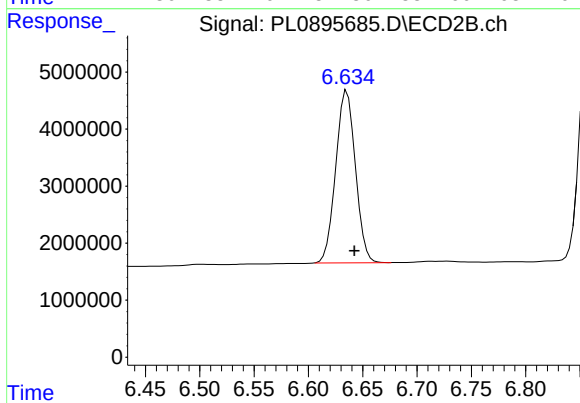
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: -0.006 min  
Response: 70875319  
Conc: 51.09 ng/ml



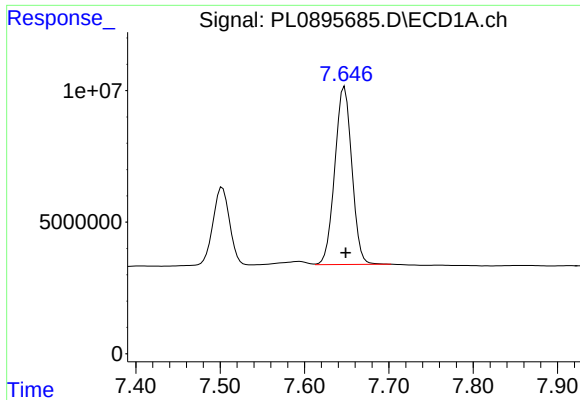
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.002 min  
Response: 40565592  
Conc: 41.25 ng/ml



#20 Methoxychlor

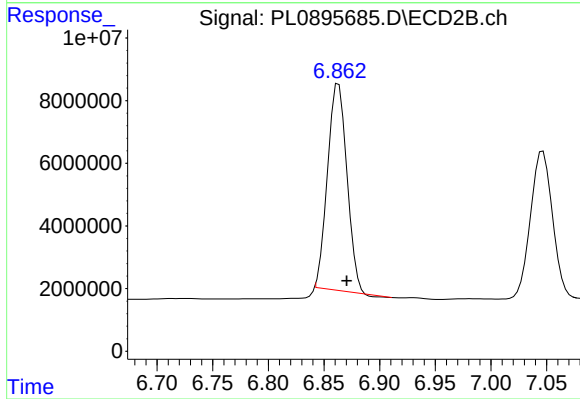
R.T.: 6.635 min  
Delta R.T.: -0.007 min  
Response: 38143049  
Conc: 47.70 ng/ml



#21 Endrin ketone

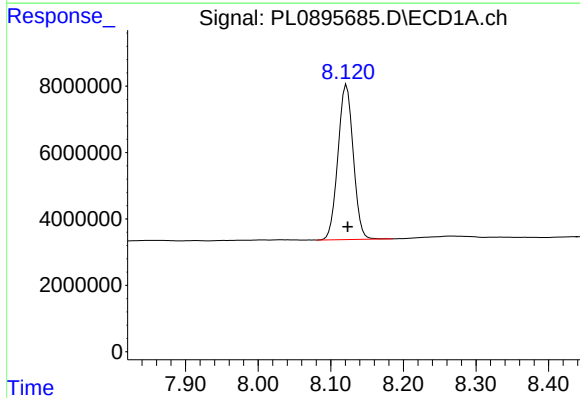
R.T.: 7.647 min  
Delta R.T.: -0.001 min  
Response: 94856183  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



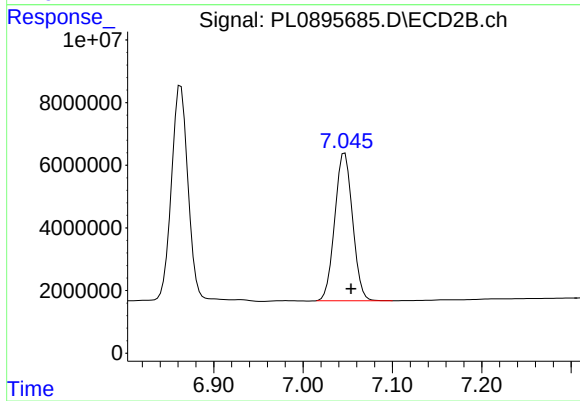
#21 Endrin ketone

R.T.: 6.863 min  
Delta R.T.: -0.007 min  
Response: 79243906  
Conc: 49.56 ng/ml



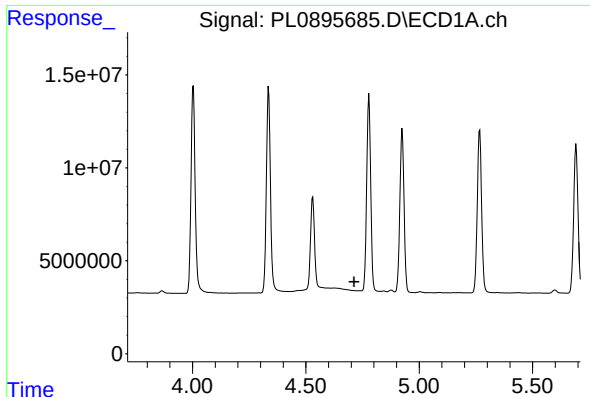
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.002 min  
Response: 68270706  
Conc: 43.93 ng/ml



#22 Mirex

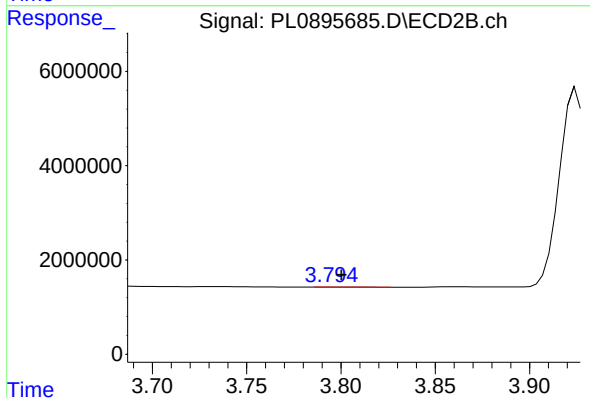
R.T.: 7.047 min  
Delta R.T.: -0.007 min  
Response: 65162932  
Conc: 47.77 ng/ml



#23 Chlordane-1

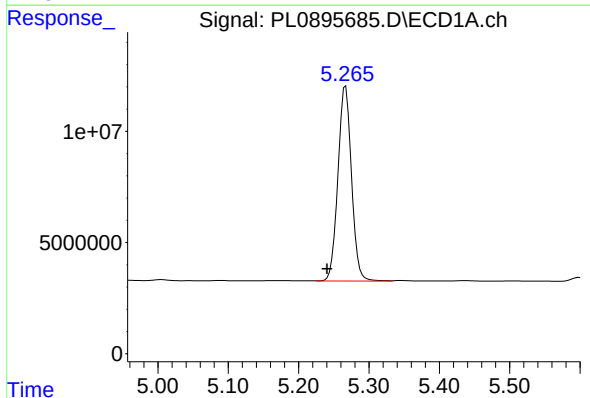
R.T.: 4.736 min  
Delta R.T.: 0.023 min  
Response: -119454  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



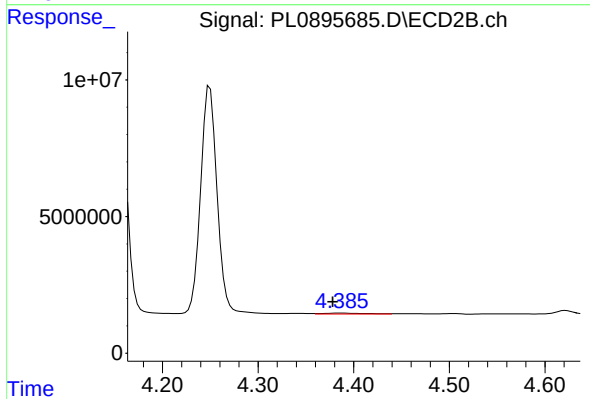
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: -0.006 min  
Response: 28309  
Conc: 0.58 ng/ml



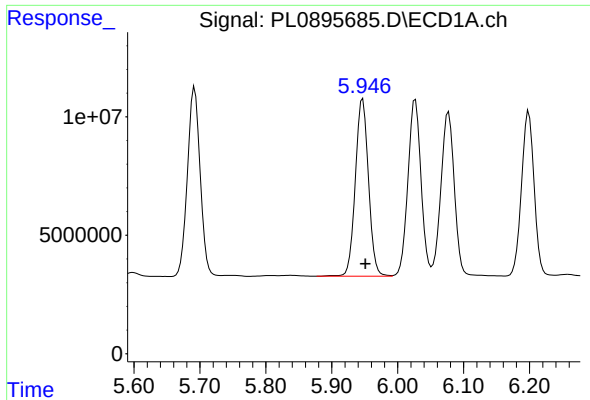
#24 Chlordane-2

R.T.: 5.267 min  
Delta R.T.: 0.026 min  
Response: 117655838  
Conc: 1119.53 ng/ml



#24 Chlordane-2

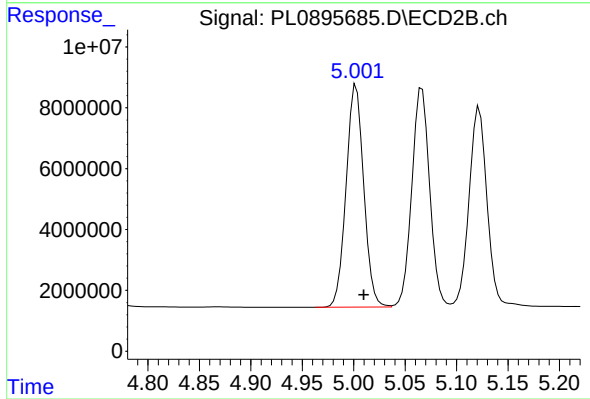
R.T.: 4.386 min  
Delta R.T.: 0.008 min  
Response: 940017  
Conc: 14.78 ng/ml



#25 Chlordane-3

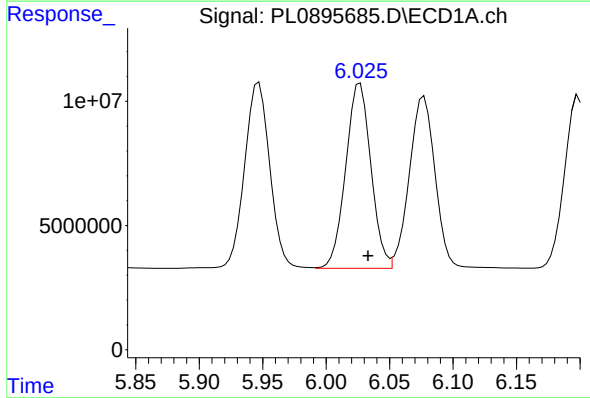
R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 103838058  
Conc: 314.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



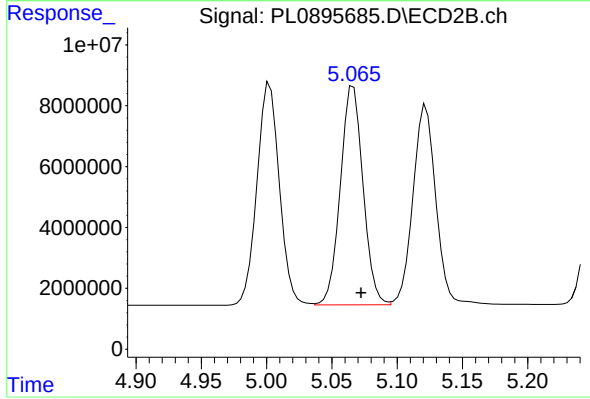
#25 Chlordane-3

R.T.: 5.003 min  
Delta R.T.: -0.007 min  
Response: 87192943  
Conc: 509.24 ng/ml



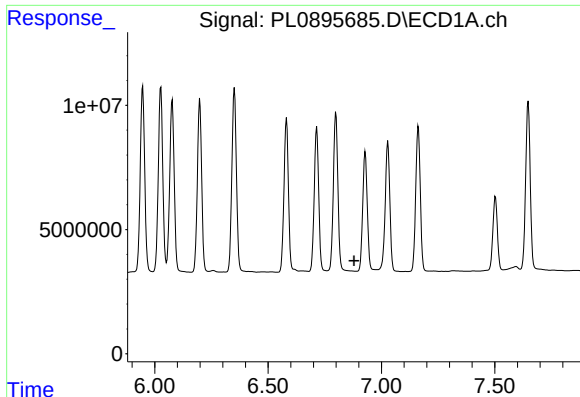
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: -0.006 min  
Response: 102794034  
Conc: 252.18 ng/ml



#26 Chlordane-4

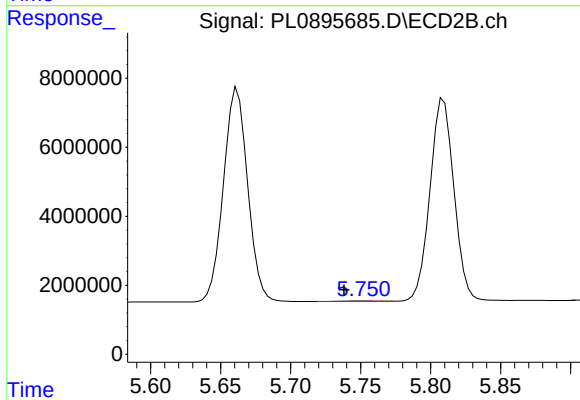
R.T.: 5.066 min  
Delta R.T.: -0.006 min  
Response: 87032836  
Conc: 541.10 ng/ml



#27 Chlordane-5

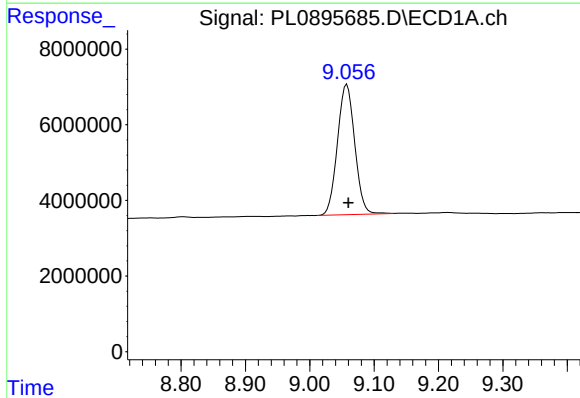
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



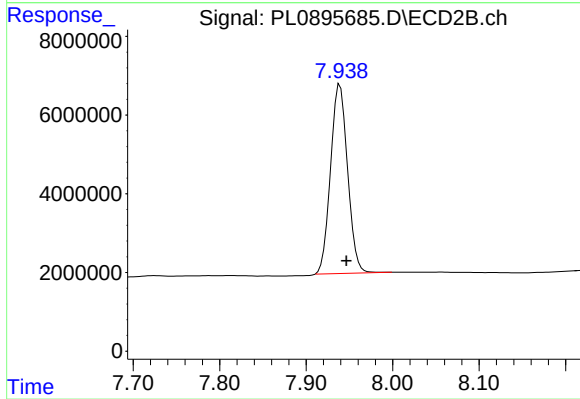
#27 Chlordane-5

R.T.: 5.752 min  
Delta R.T.: 0.014 min  
Response: 216672  
Conc: 4.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.002 min  
Response: 64426987  
Conc: 46.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.939 min  
Delta R.T.: -0.007 min  
Response: 65753542  
Conc: 48.88 ng/ml