

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082624\  
 Data File : PL091324.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Aug 2024 18:30  
 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: Aug 27 02:11:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.544  | 2.784  | 103.7E6  | 109.1E6  | 48.319   | 55.876    |
| 28)                         | SA Decachlor... | 9.054  | 7.922  | 74794090 | 95708416 | 49.060   | 50.529    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.287  | 146.1E6  | 159.2E6  | 48.724   | 57.409    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.617  | 139.3E6  | 149.5E6  | 48.543   | 56.751    |
| 4)                          | MA Heptachlor   | 4.919  | 3.957  | 130.0E6  | 145.6E6  | 48.832   | 56.392    |
| 5)                          | MB Aldrin       | 5.261  | 4.236  | 124.1E6  | 138.8E6  | 48.098   | 56.447    |
| 6)                          | B beta-BHC      | 4.527  | 3.915  | 66571162 | 65335943 | 49.226   | 55.507    |
| 7)                          | B delta-BHC     | 4.774  | 4.145  | 134.6E6  | 146.1E6  | 49.457   | 57.669    |
| 8)                          | B Heptachlo...  | 5.687  | 4.739  | 118.6E6  | 124.4E6  | 48.497   | 55.185    |
| 9)                          | A Endosulfan I  | 6.072  | 5.108  | 110.2E6  | 114.2E6  | 49.089   | 54.136    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.989  | 120.1E6  | 130.3E6  | 49.713   | 55.120    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.053  | 117.7E6  | 129.0E6  | 48.902   | 54.855    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.241  | 103.6E6  | 119.7E6  | 49.525   | 57.282    |
| 13)                         | MA Dieldrin     | 6.346  | 5.373  | 112.2E6  | 125.6E6  | 47.653   | 55.164    |
| 14)                         | MA Endrin       | 6.576  | 5.648  | 94476723 | 111.9E6  | 48.718   | 54.907    |
| 15)                         | B Endosulfa...  | 6.795  | 5.942  | 98536519 | 106.3E6  | 48.692   | 54.956    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.795  | 84032510 | 93257042 | 55.600   | 56.492    |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.046  | 90147432 | 99040559 | 50.785   | 55.753    |
| 18)                         | B Endrin al...  | 6.924  | 6.121  | 76090023 | 81941053 | 47.663   | 52.604    |
| 19)                         | B Endosulfa...  | 7.159  | 6.344  | 92088909 | 101.6E6  | 47.997   | 52.693    |
| 20)                         | A Methoxychlor  | 7.499  | 6.621  | 49748765 | 53506652 | 52.909   | 53.885    |
| 21)                         | B Endrin ke...  | 7.644  | 6.849  | 99161468 | 113.5E6  | 47.226   | 52.114    |
| 22)                         | Mirex           | 8.117  | 7.030  | 77891991 | 92893799 | 45.788   | 49.771    |
| 24)                         | Chlordane-2     | 5.261f | 4.374  | 124.1E6  | 3706728  | 1222.551 | 39.452 #  |
| 25)                         | Chlordane-3     | 5.942  | 4.989  | 120.1E6  | 130.3E6  | 345.865  | 536.583 # |
| 26)                         | Chlordane-4     | 6.021  | 5.053  | 117.7E6  | 129.0E6  | 279.933  | 553.460 # |
| 27)                         | Chlordane-5     | 0.000  | 5.740f | 0        | 80662    | N.D.     | 1.165 #   |
| -----                       |                 |        |        |          |          |          |           |

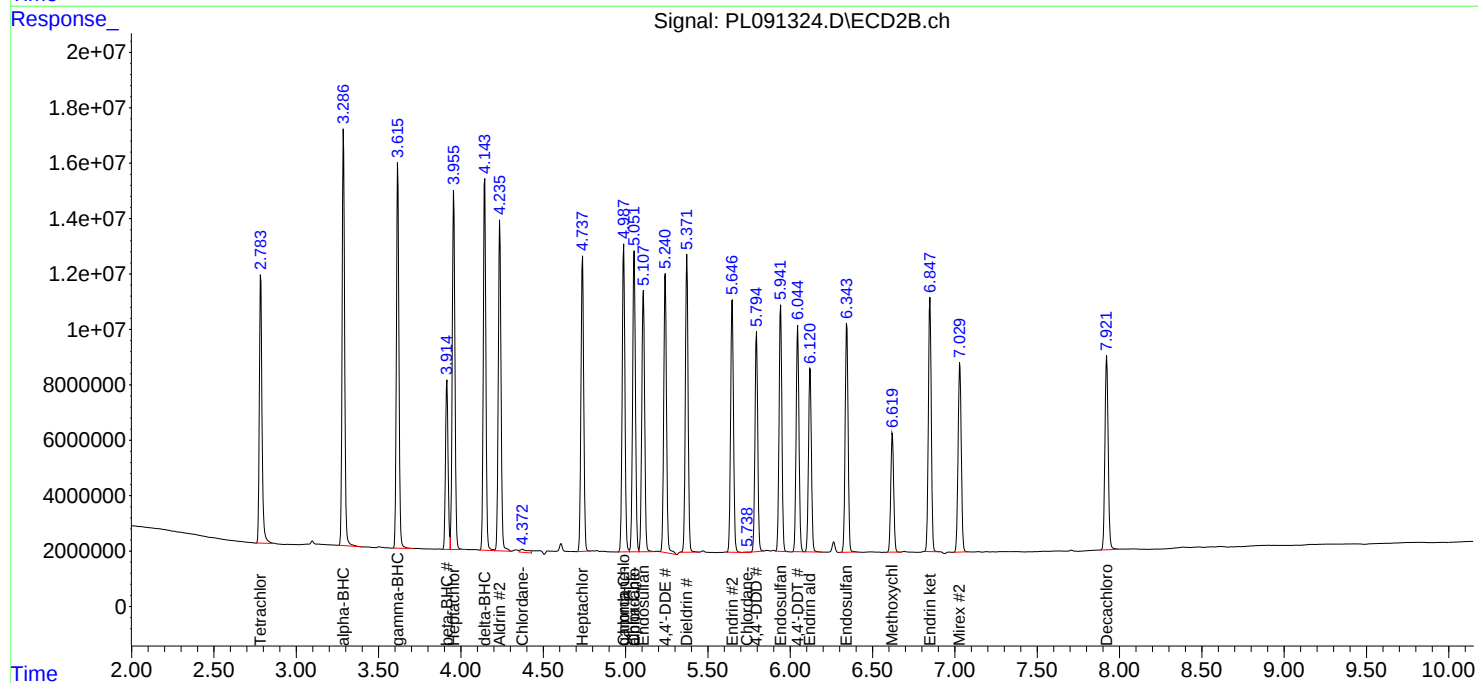
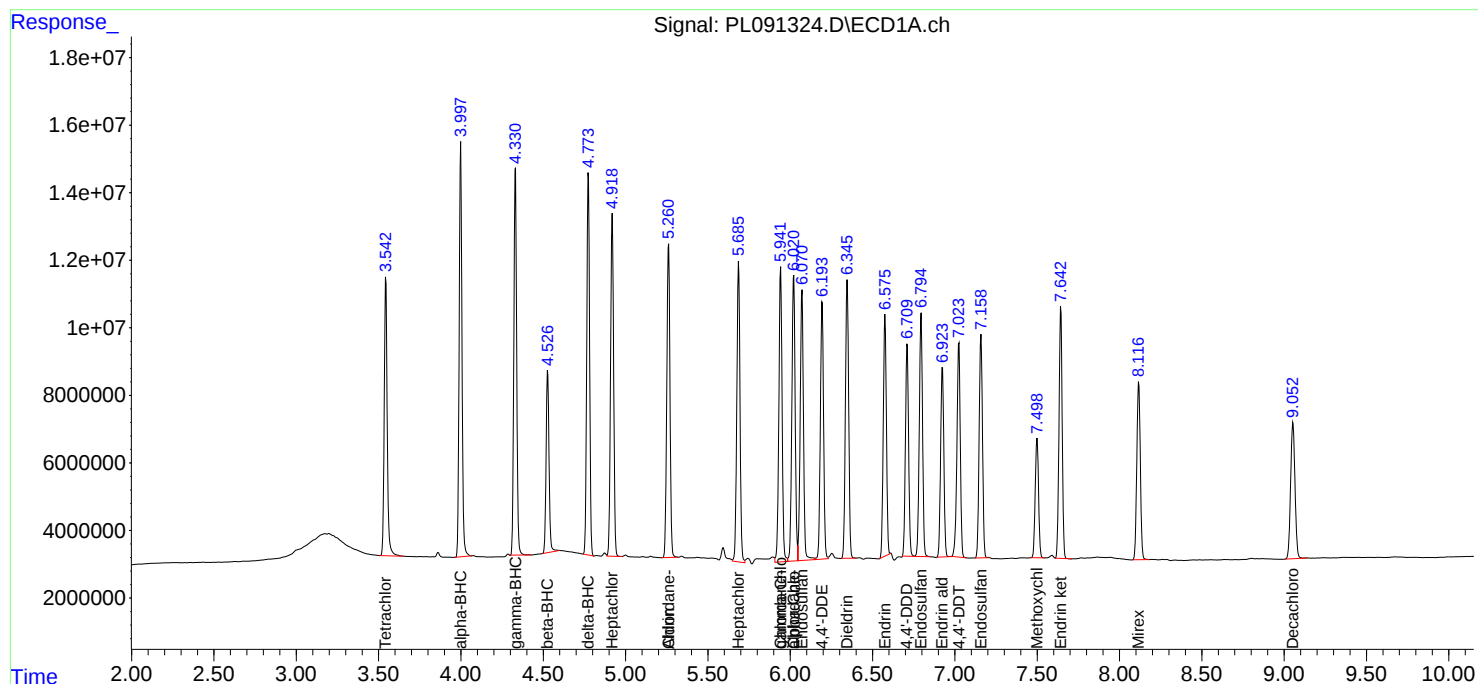
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

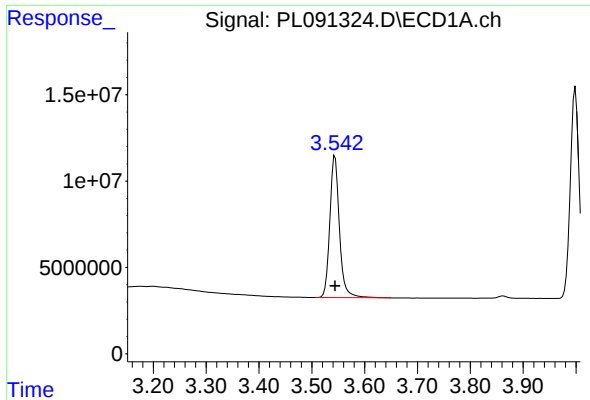
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082624\  
Data File : PL091324.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Aug 2024 18:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 02:11:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

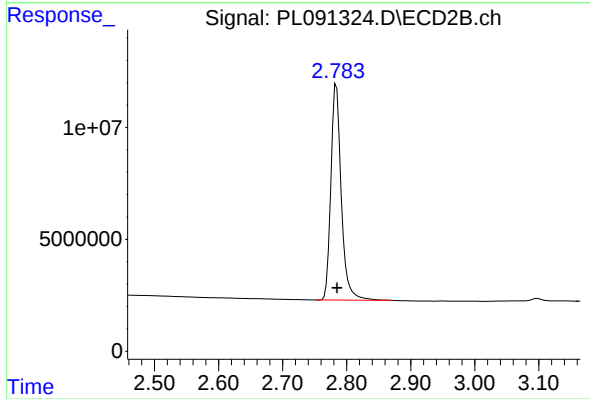




#1 Tetrachloro-m-xylene

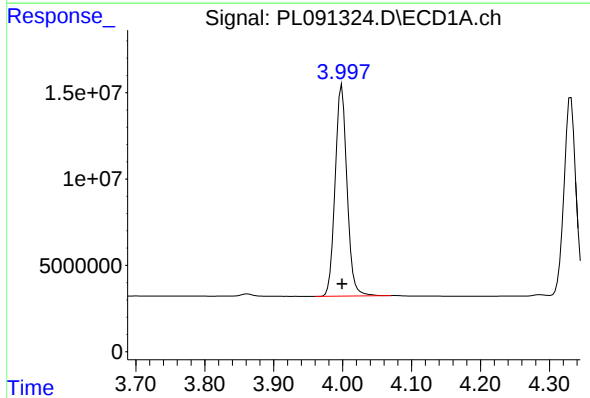
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 103749050  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



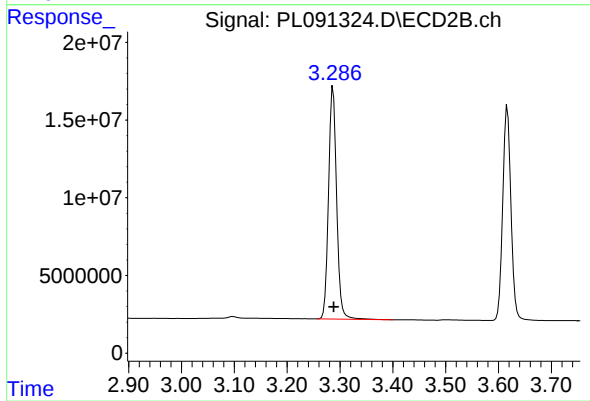
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 109069812  
Conc: 55.88 ng/ml



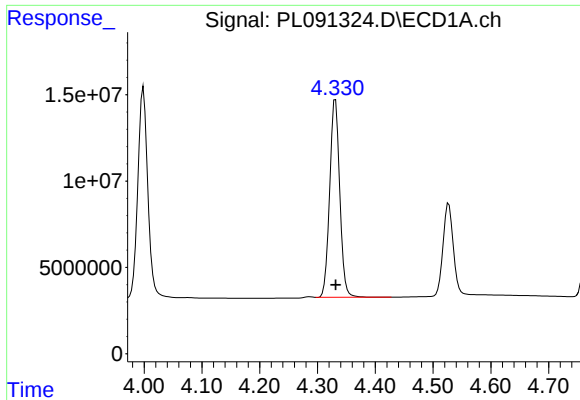
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 146064833  
Conc: 48.72 ng/ml



#2 alpha-BHC

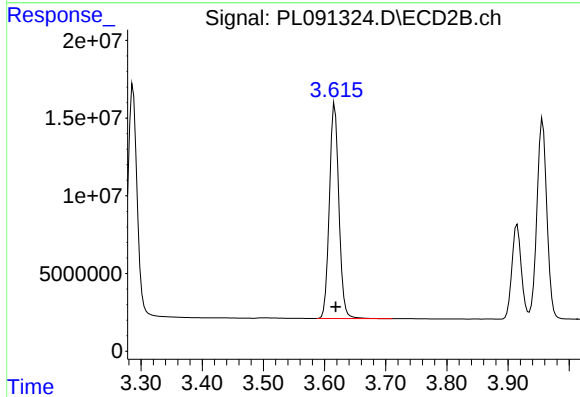
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 159220885  
Conc: 57.41 ng/ml



#3 gamma-BHC (Lindane)

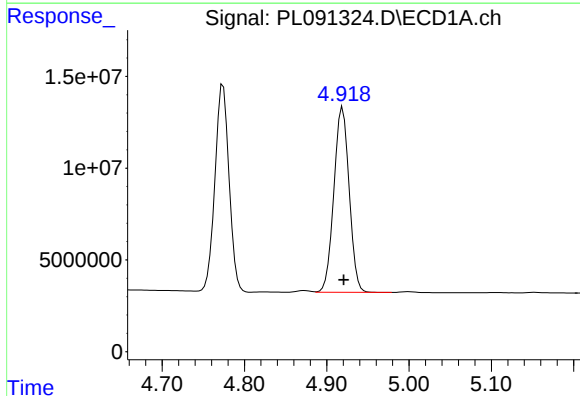
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 139252250  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



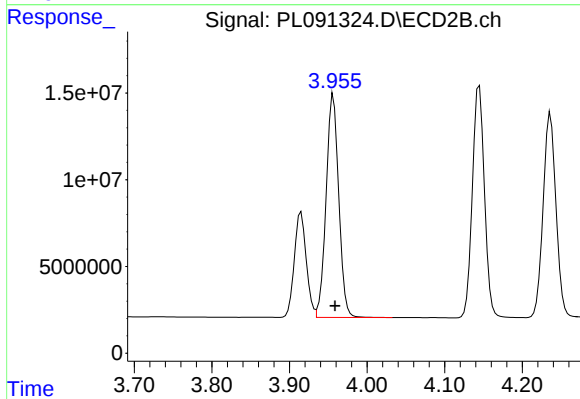
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: -0.002 min  
Response: 149477384  
Conc: 56.75 ng/ml



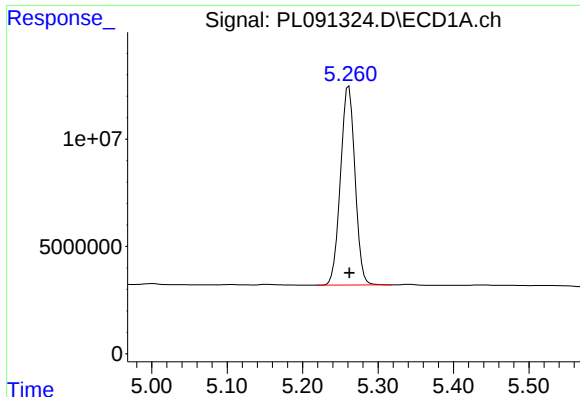
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.001 min  
Response: 130040725  
Conc: 48.83 ng/ml



#4 Heptachlor

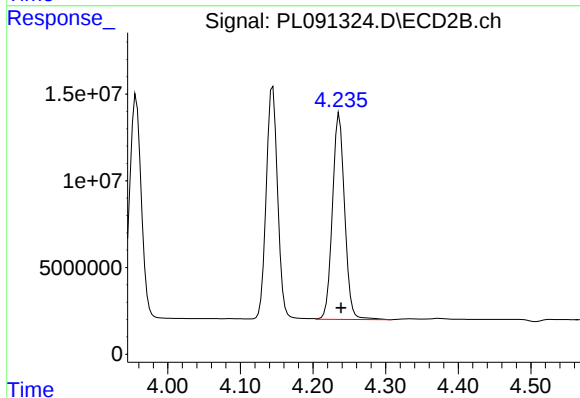
R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 145643599  
Conc: 56.39 ng/ml



#5 Aldrin

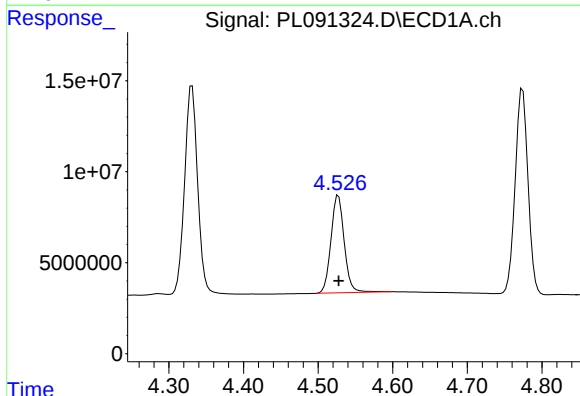
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 124134908  
Conc: 48.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



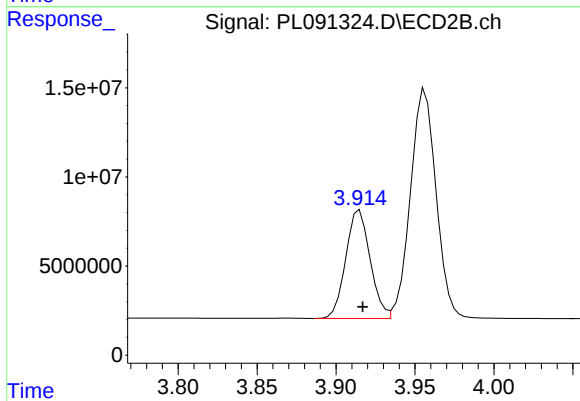
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.002 min  
Response: 138813011  
Conc: 56.45 ng/ml



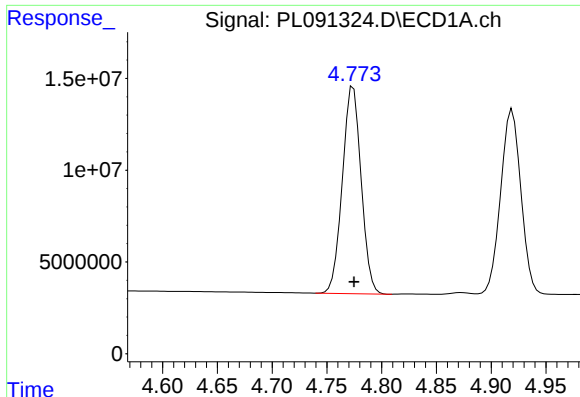
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 66571162  
Conc: 49.23 ng/ml



#6 beta-BHC

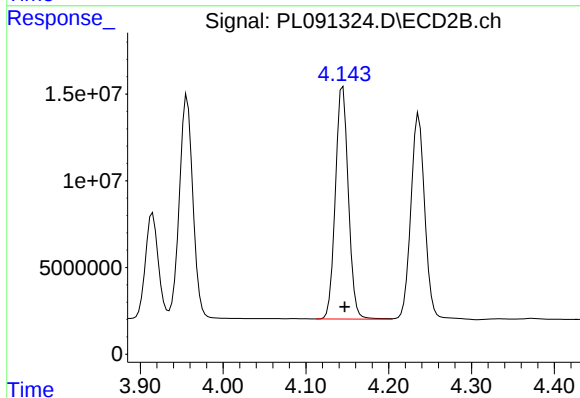
R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 65335943  
Conc: 55.51 ng/ml



#7 delta-BHC

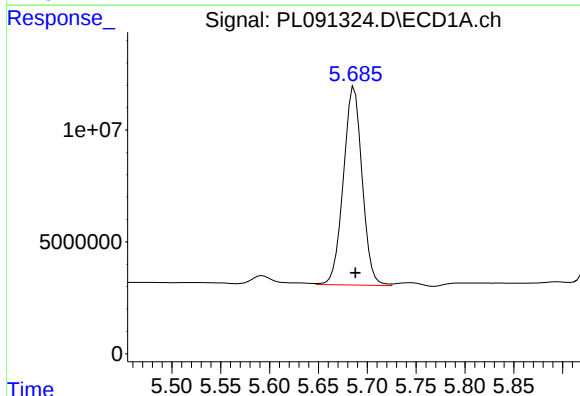
R.T.: 4.774 min  
Delta R.T.: 0.000 min  
Response: 134647451  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



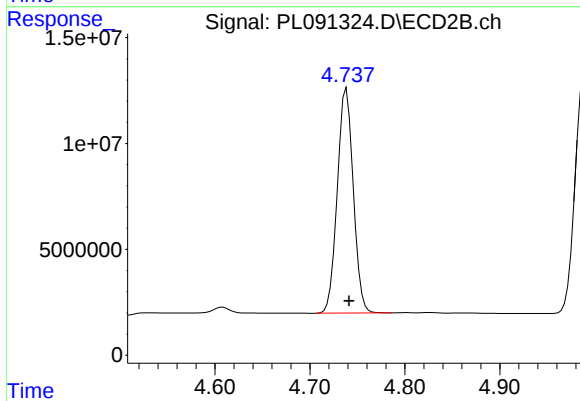
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: -0.002 min  
Response: 146145505  
Conc: 57.67 ng/ml



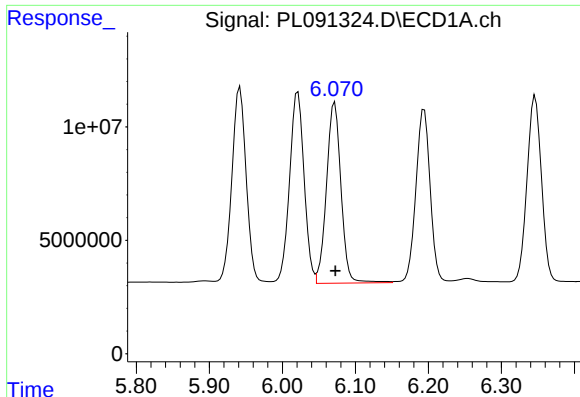
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.001 min  
Response: 118649490  
Conc: 48.50 ng/ml



#8 Heptachlor epoxide

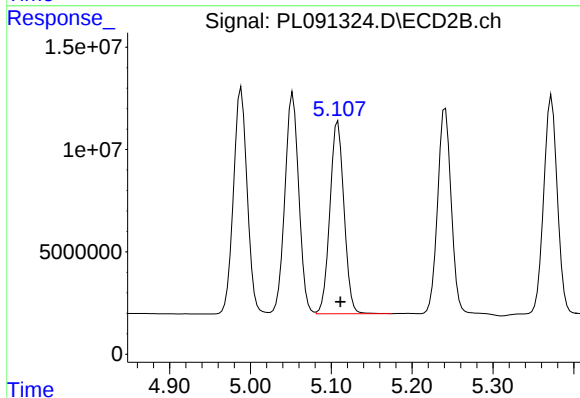
R.T.: 4.739 min  
Delta R.T.: -0.003 min  
Response: 124433017  
Conc: 55.18 ng/ml



#9 Endosulfan I

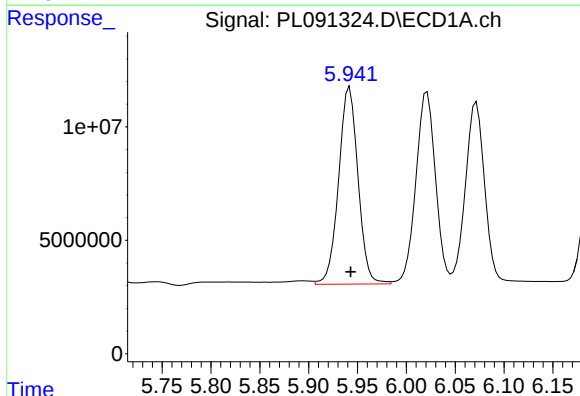
R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 110220534  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



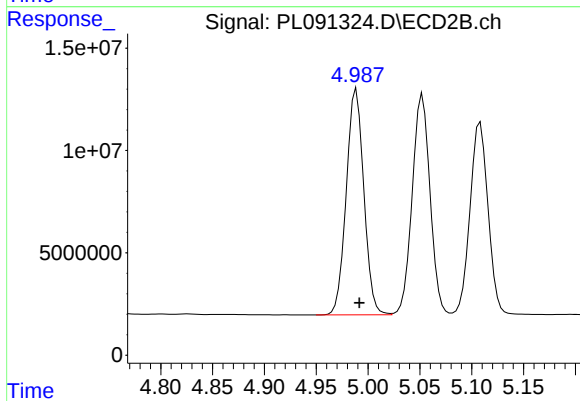
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: -0.003 min  
Response: 114237290  
Conc: 54.14 ng/ml



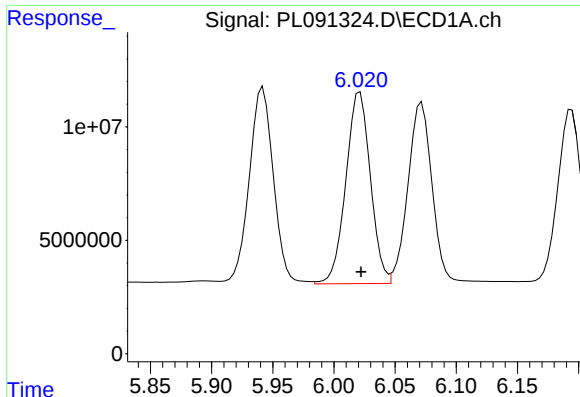
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.001 min  
Response: 120127583  
Conc: 49.71 ng/ml



#10 gamma-Chlordane

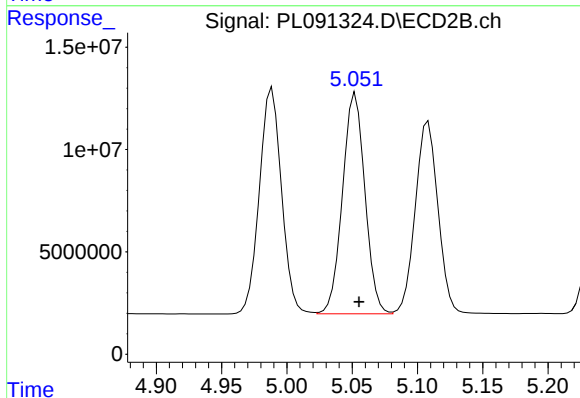
R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 130301400  
Conc: 55.12 ng/ml



#11 alpha-Chlordane

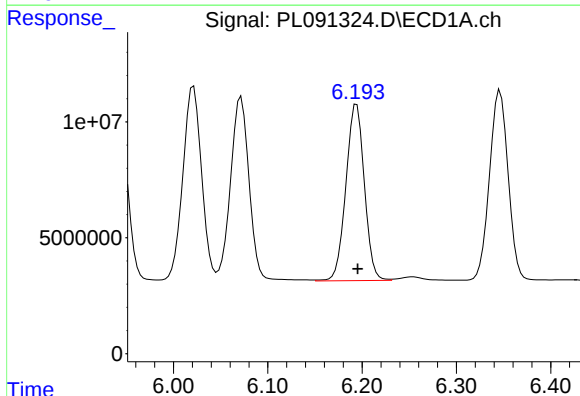
R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 117743251  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



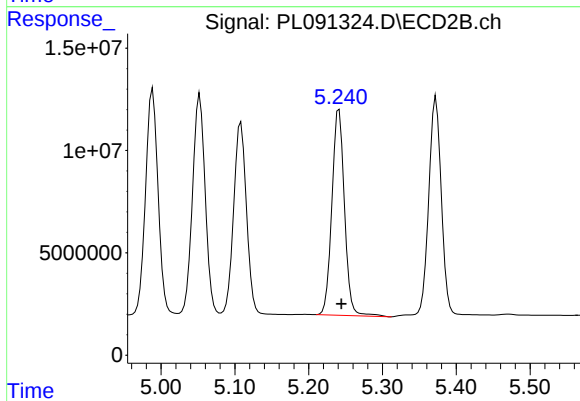
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: -0.003 min  
Response: 129049481  
Conc: 54.85 ng/ml



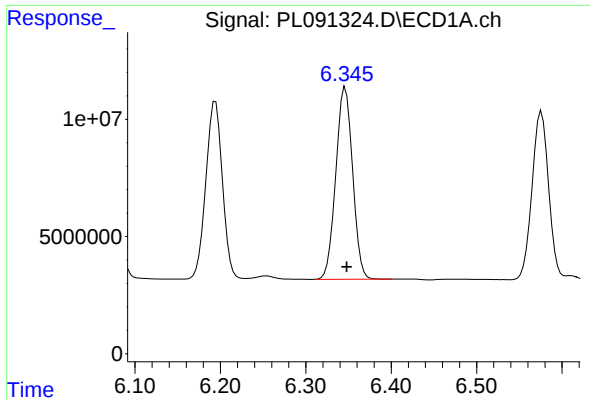
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 103610458  
Conc: 49.52 ng/ml



#12 4,4'-DDE

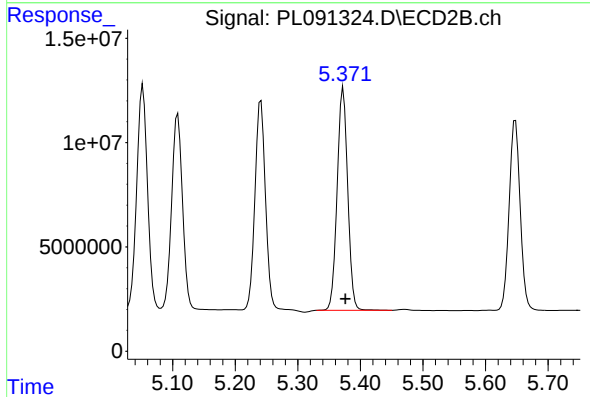
R.T.: 5.241 min  
Delta R.T.: -0.003 min  
Response: 119686219  
Conc: 57.28 ng/ml



#13 Dieldrin

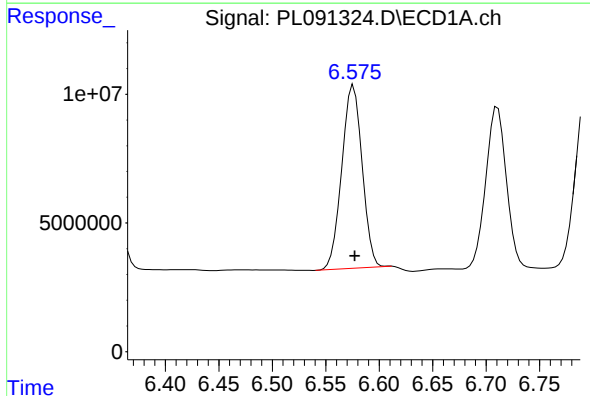
R.T.: 6.346 min  
Delta R.T.: -0.002 min  
Response: 112233678  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



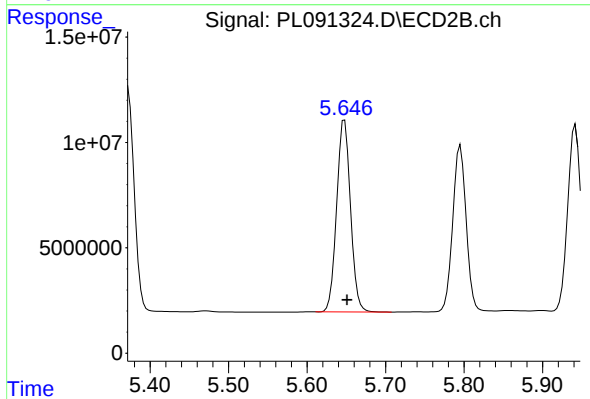
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.004 min  
Response: 125637024  
Conc: 55.16 ng/ml



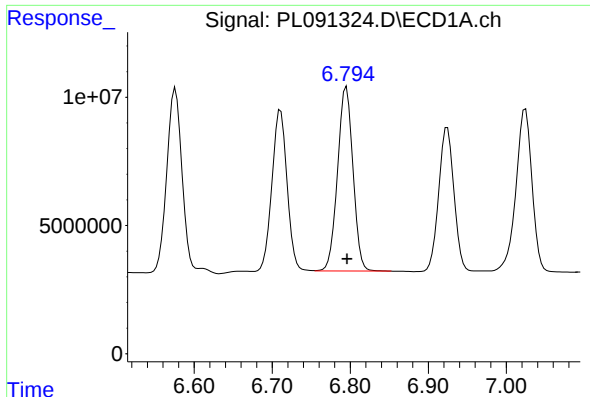
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.001 min  
Response: 94476723  
Conc: 48.72 ng/ml



#14 Endrin

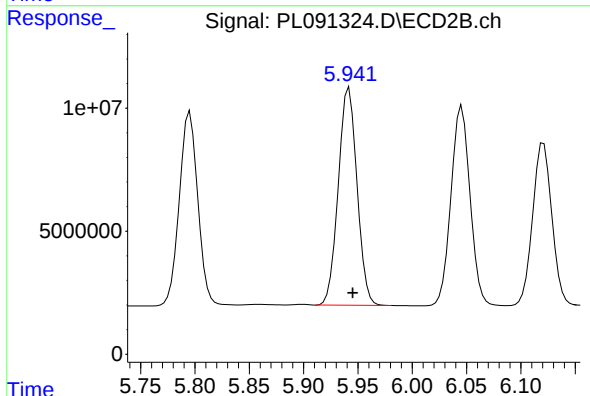
R.T.: 5.648 min  
Delta R.T.: -0.003 min  
Response: 111853513  
Conc: 54.91 ng/ml



#15 Endosulfan II

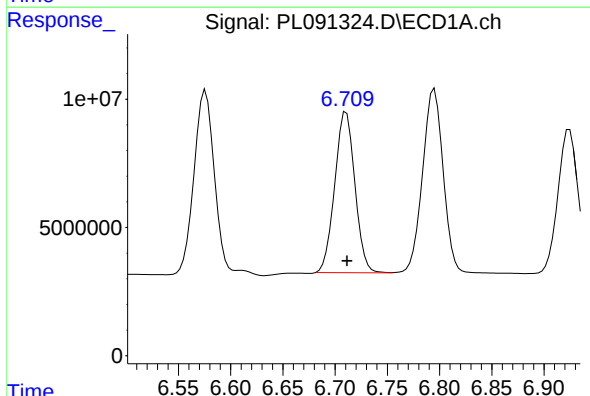
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 98536519  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



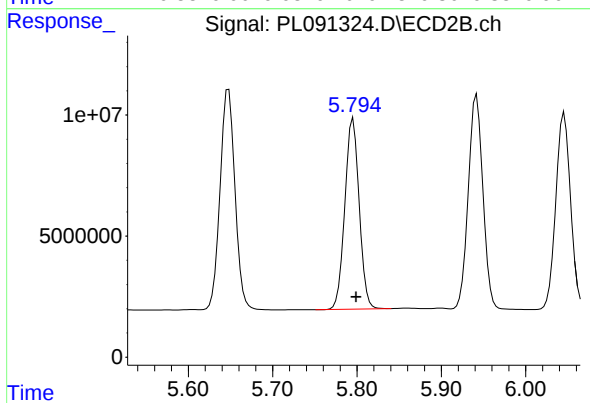
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 106323047  
Conc: 54.96 ng/ml



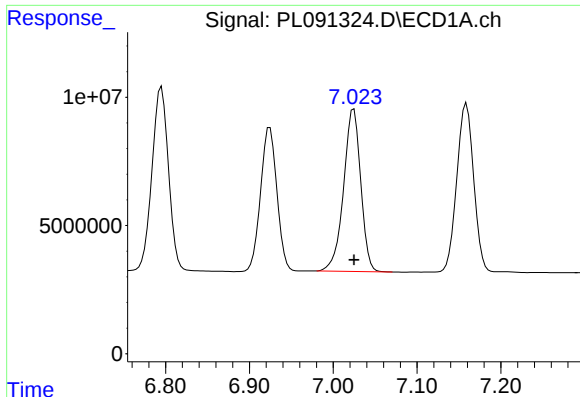
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 84032510  
Conc: 55.60 ng/ml



#16 4,4'-DDD

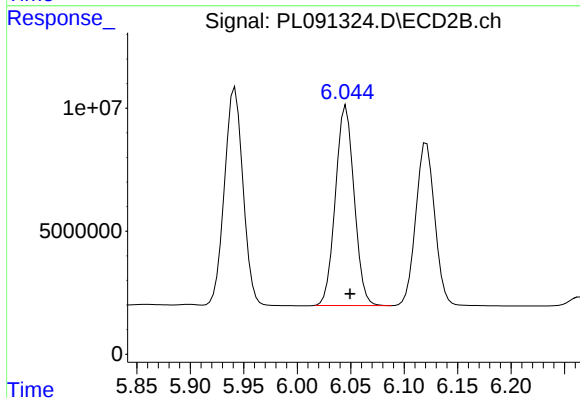
R.T.: 5.795 min  
Delta R.T.: -0.003 min  
Response: 93257042  
Conc: 56.49 ng/ml



#17 4,4'-DDT

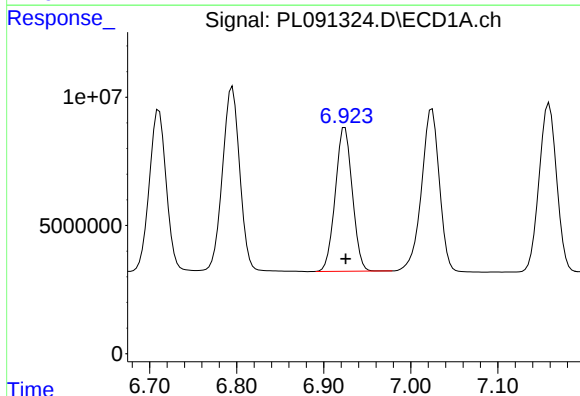
R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 90147432  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



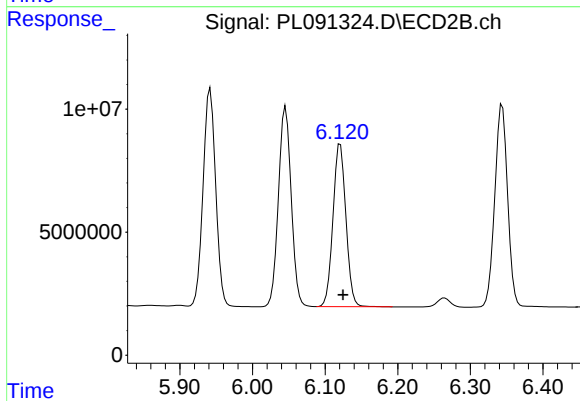
#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: -0.004 min  
Response: 99040559  
Conc: 55.75 ng/ml



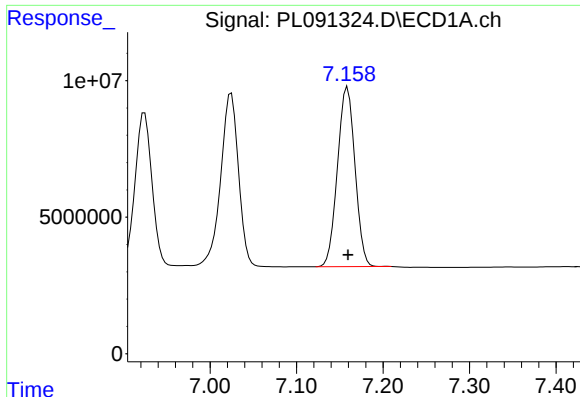
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 76090023  
Conc: 47.66 ng/ml



#18 Endrin aldehyde

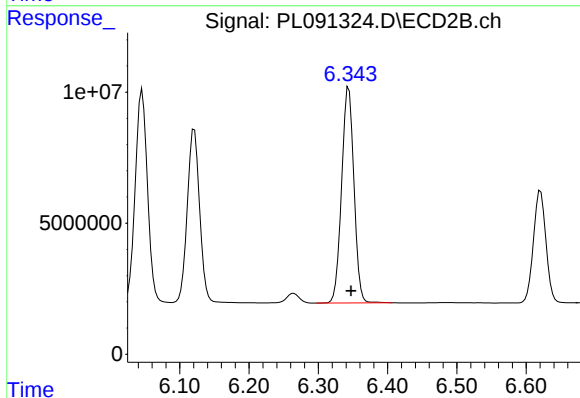
R.T.: 6.121 min  
Delta R.T.: -0.004 min  
Response: 81941053  
Conc: 52.60 ng/ml



#19 Endosulfan Sulfate

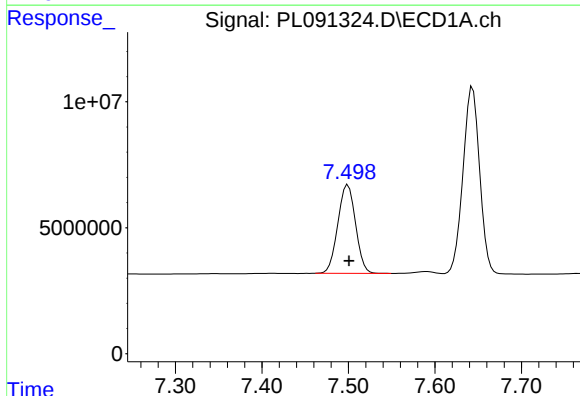
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 92088909  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



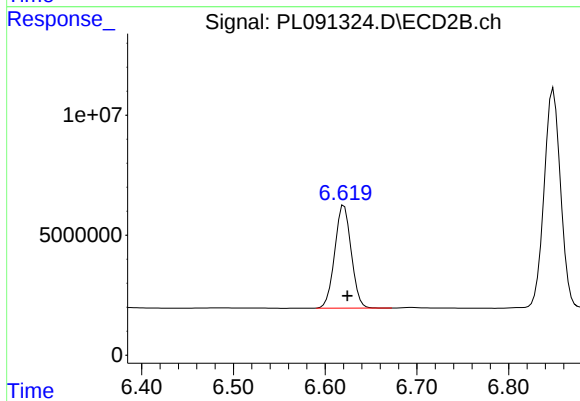
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.003 min  
Response: 101592283  
Conc: 52.69 ng/ml



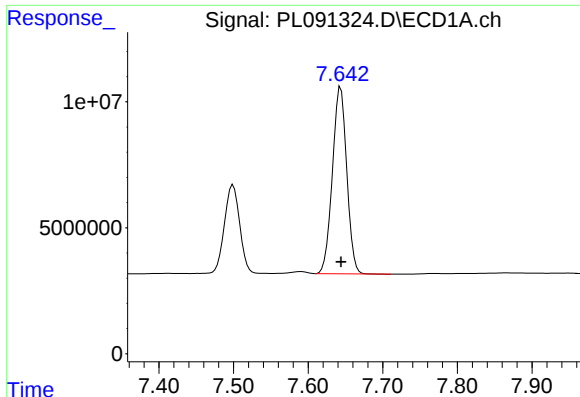
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.001 min  
Response: 49748765  
Conc: 52.91 ng/ml



#20 Methoxychlor

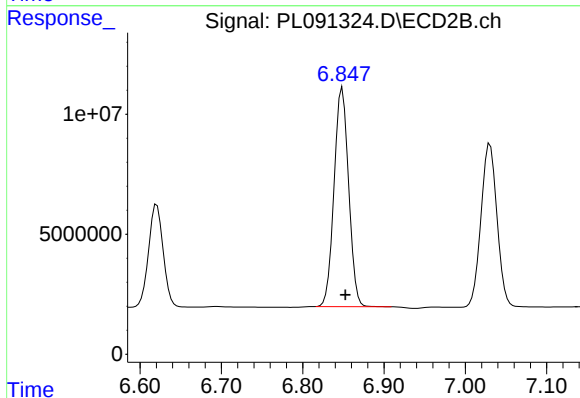
R.T.: 6.621 min  
Delta R.T.: -0.004 min  
Response: 53506652  
Conc: 53.88 ng/ml



#21 Endrin ketone

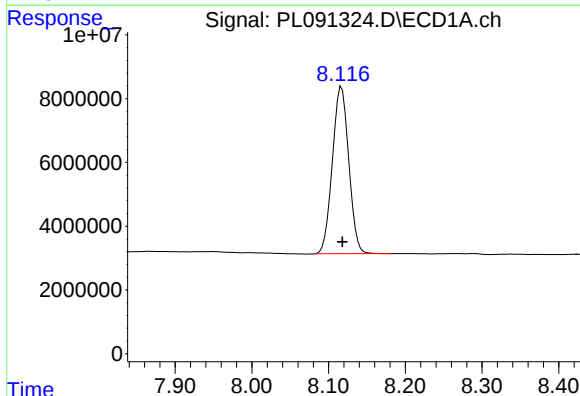
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 99161468  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



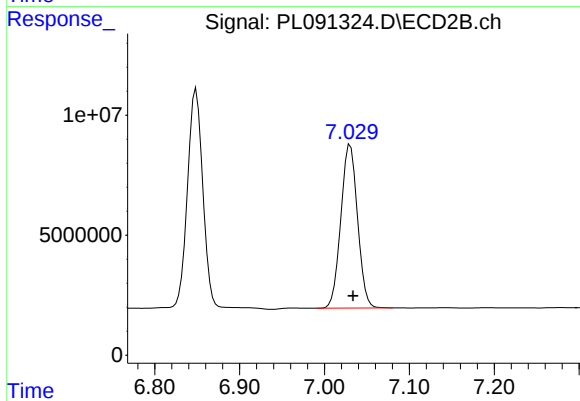
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.004 min  
Response: 113503508  
Conc: 52.11 ng/ml



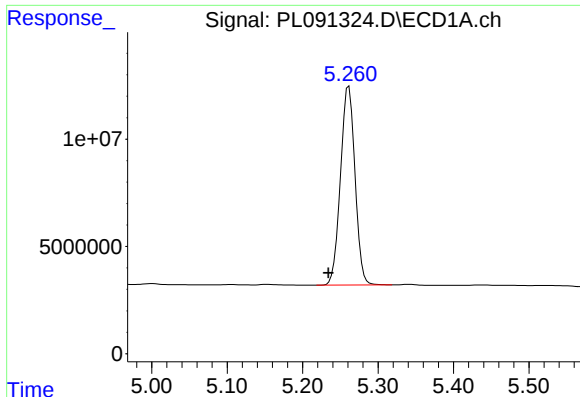
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: -0.001 min  
Response: 77891991  
Conc: 45.79 ng/ml



#22 Mirex

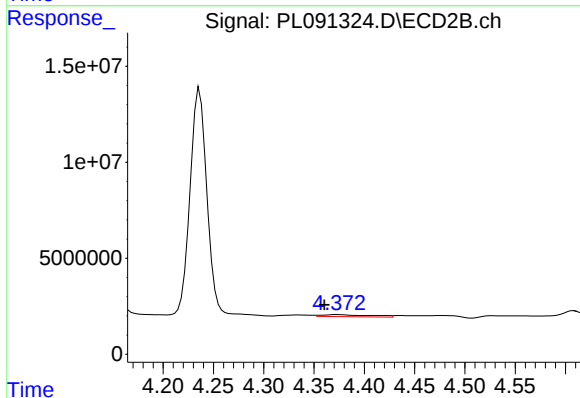
R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 92893799  
Conc: 49.77 ng/ml



#24 Chlordane-2

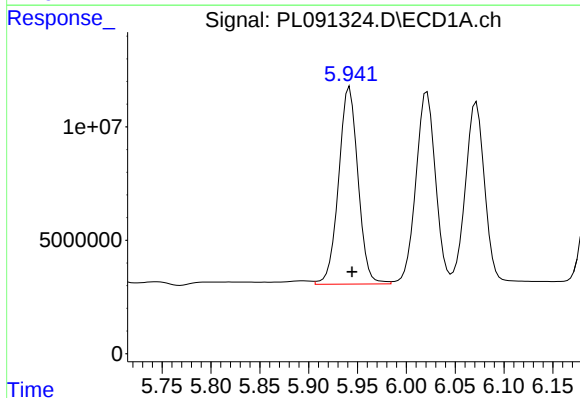
R.T.: 5.261 min  
Delta R.T.: 0.027 min  
Response: 124134908  
Conc: 1222.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



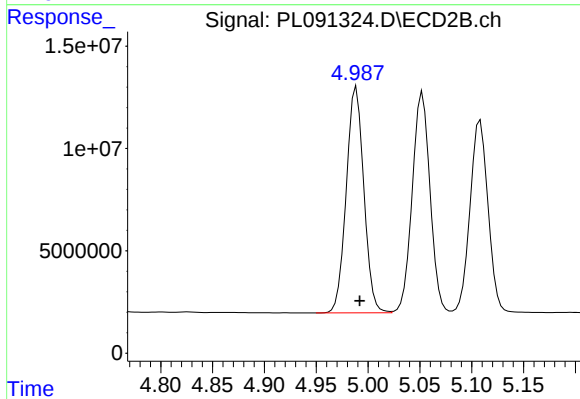
#24 Chlordane-2

R.T.: 4.374 min  
Delta R.T.: 0.014 min  
Response: 3706728  
Conc: 39.45 ng/ml



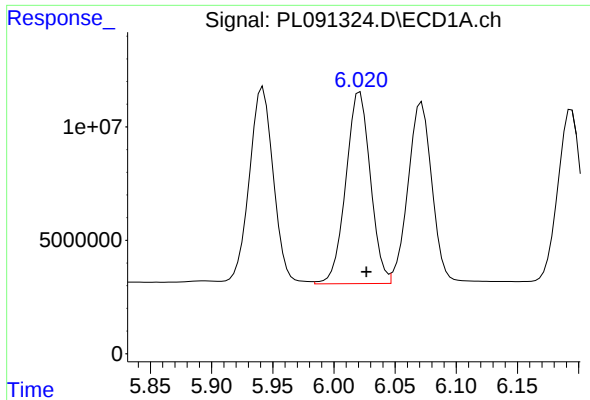
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 120127583  
Conc: 345.87 ng/ml



#25 Chlordane-3

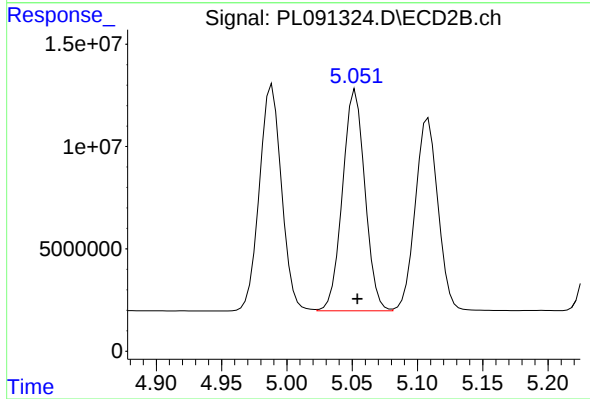
R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 130301400  
Conc: 536.58 ng/ml



#26 Chlordane-4

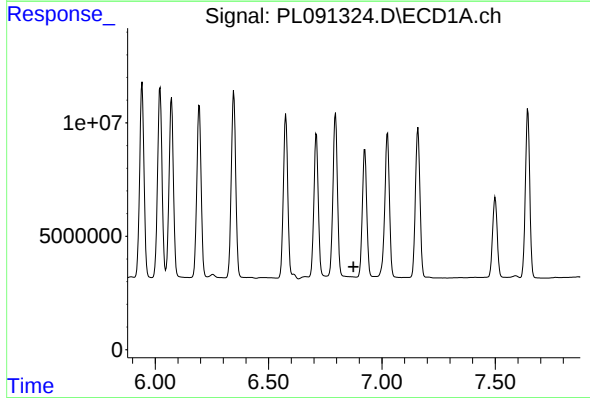
R.T.: 6.021 min  
Delta R.T.: -0.005 min  
Response: 117743251  
Conc: 279.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



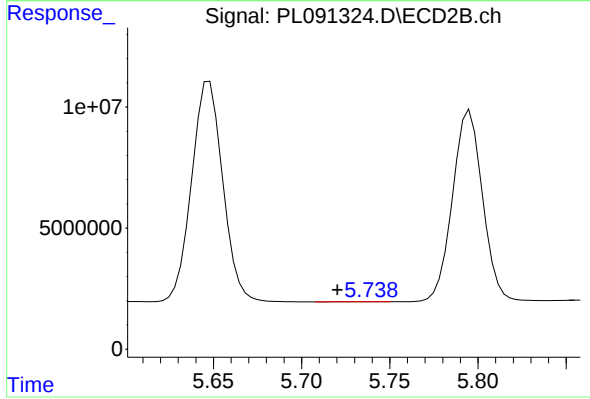
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 129049481  
Conc: 553.46 ng/ml



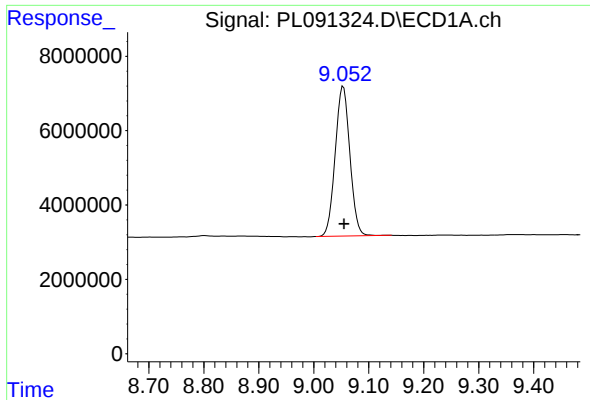
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

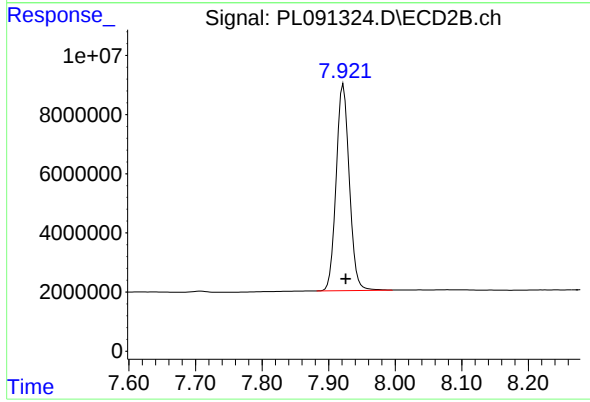
R.T.: 5.740 min  
Delta R.T.: 0.020 min  
Response: 80662  
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.002 min  
Response: 74794090  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.004 min  
Response: 95708416  
Conc: 50.53 ng/ml