

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071724\  
 Data File : PL090554.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2024 16:58  
 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: Jul 18 01:20:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.547  | 2.789  | 101.6E6  | 86218356 | 48.794   | 51.230    |
| 28)                         | SA Decachlor... | 9.059  | 7.931  | 65290609 | 74071171 | 49.133   | 50.800    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.002  | 3.293  | 144.7E6  | 127.2E6  | 48.772   | 52.649    |
| 3)                          | MA gamma-BHC... | 4.335  | 3.623  | 136.7E6  | 119.3E6  | 48.821   | 51.747    |
| 4)                          | MA Heptachlor   | 4.924  | 3.964  | 120.7E6  | 111.9E6  | 47.422   | 50.728    |
| 5)                          | MB Aldrin       | 5.265  | 4.244  | 121.4E6  | 111.9E6  | 48.605   | 52.604    |
| 6)                          | B beta-BHC      | 4.530  | 3.921  | 60581736 | 52017475 | 47.758   | 50.395    |
| 7)                          | B delta-BHC     | 4.778  | 4.151  | 128.3E6  | 115.5E6  | 47.839   | 52.521    |
| 8)                          | B Heptachlo...  | 5.690  | 4.746  | 112.7E6  | 99865047 | 47.934   | 51.203    |
| 9)                          | A Endosulfan I  | 6.076  | 5.116  | 102.8E6  | 92830620 | 48.060   | 50.762    |
| 10)                         | B gamma-Chl...  | 5.947  | 4.997  | 112.4E6  | 104.1E6  | 48.347   | 51.348    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.060  | 110.1E6  | 103.5E6  | 47.942   | 51.226    |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.249  | 97402161 | 94299088 | 48.171   | 52.766    |
| 13)                         | MA Dieldrin     | 6.350  | 5.381  | 106.9E6  | 101.1E6  | 48.099   | 51.560    |
| 14)                         | MA Endrin       | 6.580  | 5.656  | 86806100 | 84946263 | 47.217   | 49.355    |
| 15)                         | B Endosulfa...  | 6.799  | 5.950  | 91745426 | 86765190 | 46.645   | 50.787    |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.804  | 85076598 | 81465543 | 50.395   | 54.373    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.054  | 77031552 | 72152602 | 45.762   | 49.246    |
| 18)                         | B Endrin al...  | 6.929  | 6.129  | 70879466 | 66308873 | 47.775   | 50.751    |
| 19)                         | B Endosulfa...  | 7.163  | 6.352  | 84676853 | 82517780 | 48.215   | 51.174    |
| 20)                         | A Methoxychlor  | 7.502  | 6.629  | 39883088 | 39269715 | 45.172   | 48.568    |
| 21)                         | B Endrin ke...  | 7.647  | 6.858  | 96098644 | 96837024 | 50.340   | 52.989    |
| 22)                         | Mirex           | 8.121  | 7.040  | 70539443 | 76019126 | 49.808   | 51.137    |
| 23)                         | Chlordane-1     | 0.000  | 3.794  | 0        | 66733    | N.D.     | 1.078 #   |
| 24)                         | Chlordane-2     | 5.265f | 4.381  | 121.4E6  | 2444720  | 1186.430 | 32.235 #  |
| 25)                         | Chlordane-3     | 5.947  | 4.997  | 112.4E6  | 104.1E6  | 339.545  | 503.692 # |
| 26)                         | Chlordane-4     | 6.026  | 5.060  | 110.1E6  | 103.5E6  | 276.322  | 528.921 # |
| 27)                         | Chlordane-5     | 0.000  | 5.756f | 0        | 176277   | N.D.     | 2.924 #   |
| -----                       |                 |        |        |          |          |          |           |

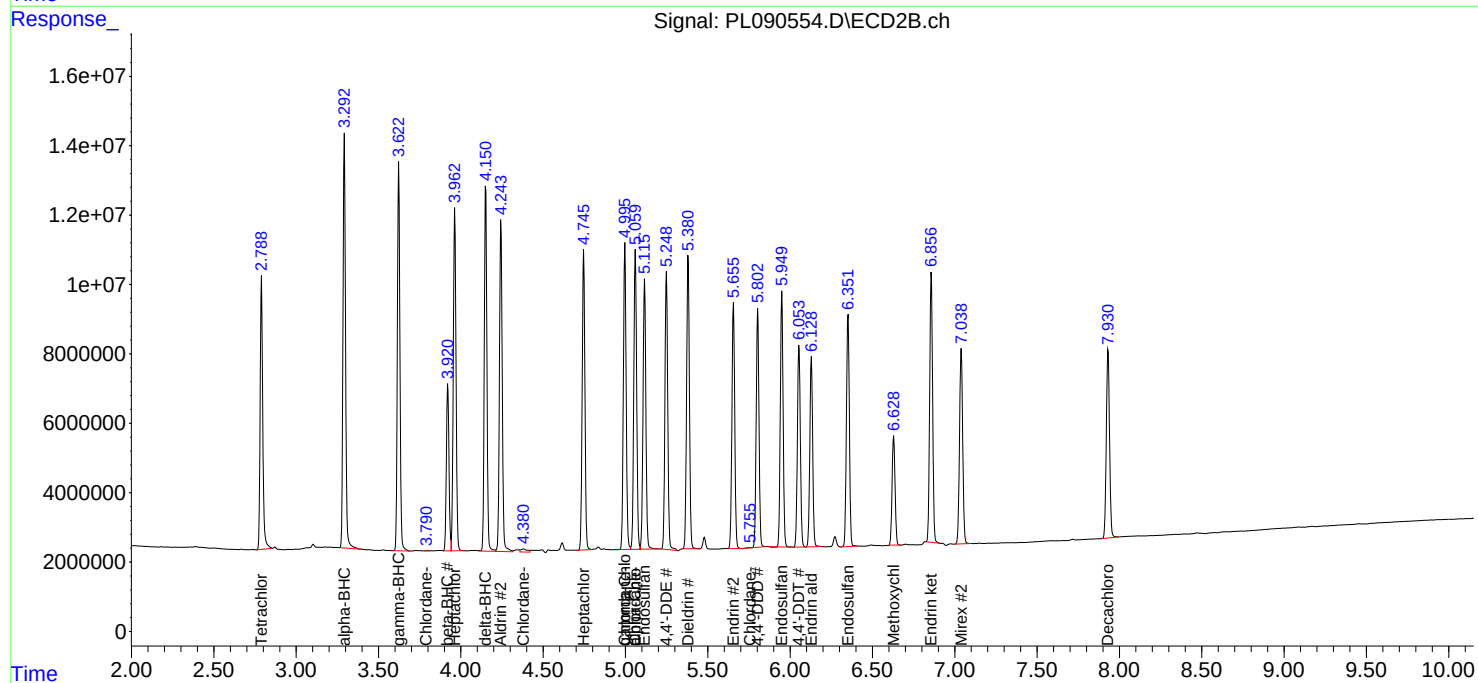
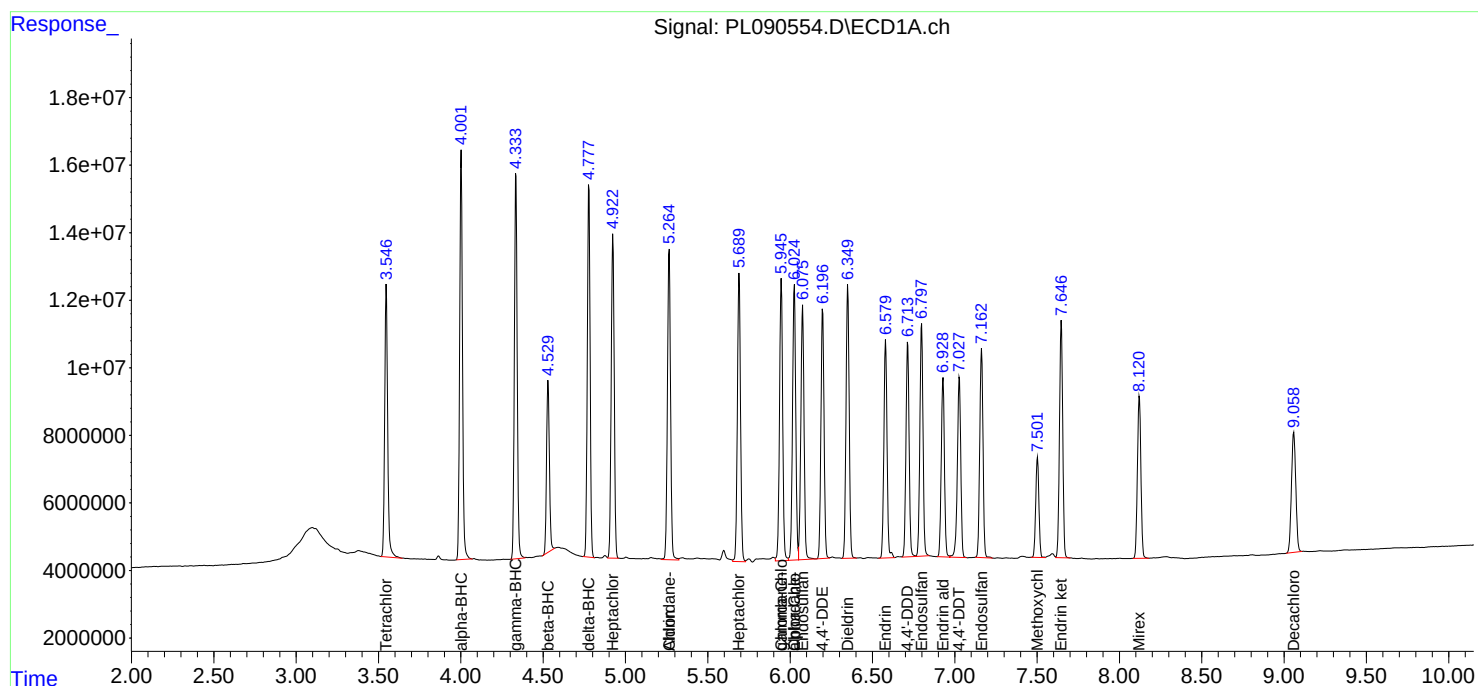
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

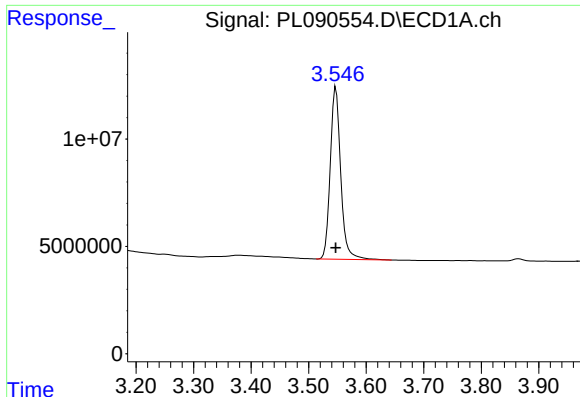
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071724\  
Data File : PL090554.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2024 16:58  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 01:20:01 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 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

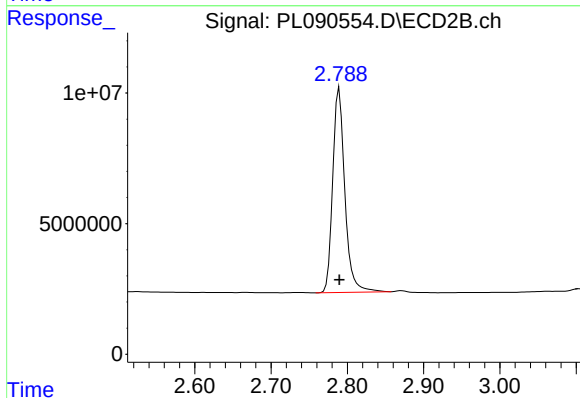




#1 Tetrachloro-m-xylene

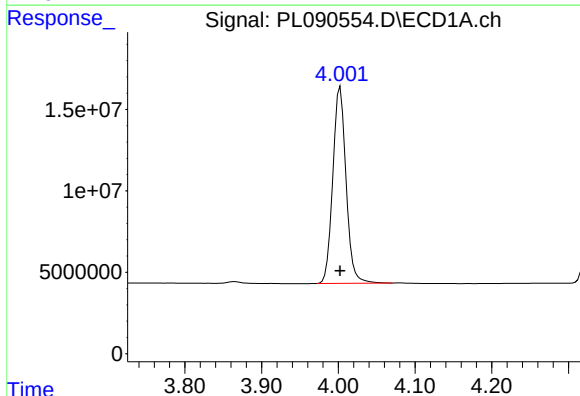
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 101599018  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



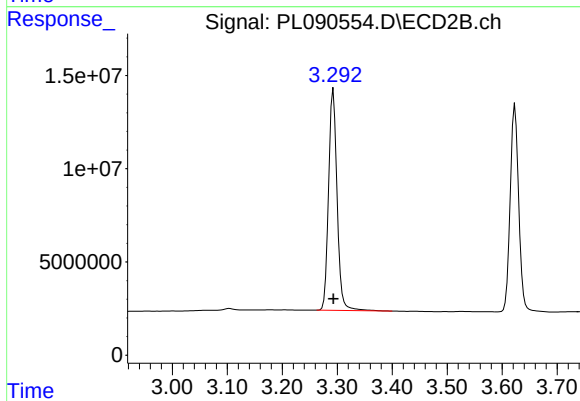
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: 0.000 min  
Response: 86218356  
Conc: 51.23 ng/ml



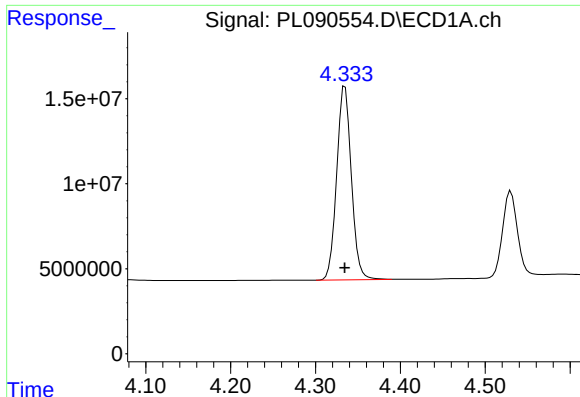
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 144723617  
Conc: 48.77 ng/ml



#2 alpha-BHC

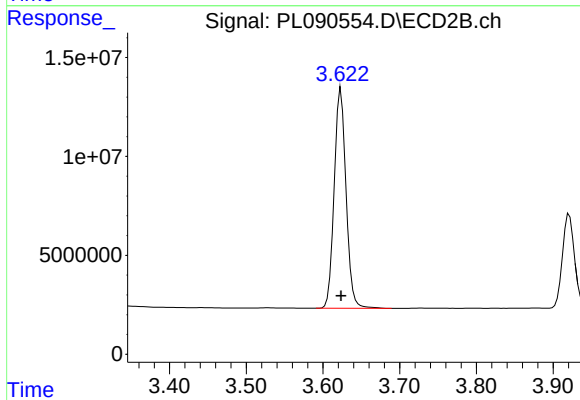
R.T.: 3.293 min  
Delta R.T.: 0.000 min  
Response: 127205636  
Conc: 52.65 ng/ml



#3 gamma-BHC (Lindane)

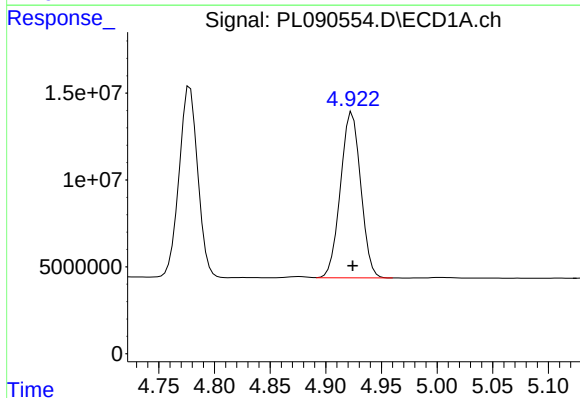
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 136721358  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



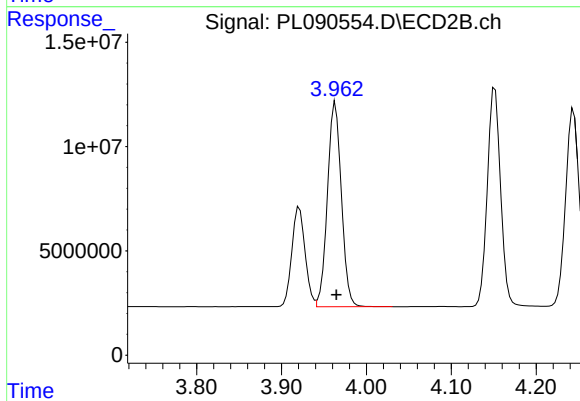
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: 0.000 min  
Response: 119327800  
Conc: 51.75 ng/ml



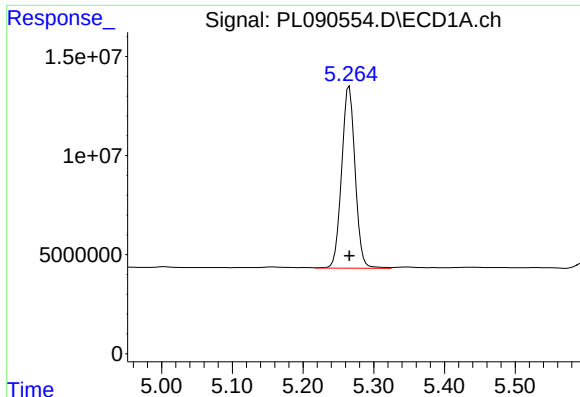
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 120691153  
Conc: 47.42 ng/ml



#4 Heptachlor

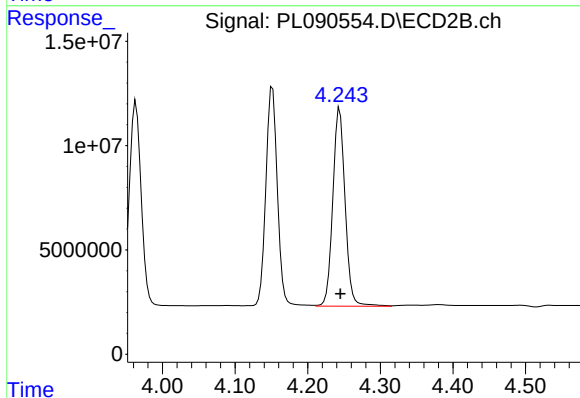
R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 111908951  
Conc: 50.73 ng/ml



#5 Aldrin

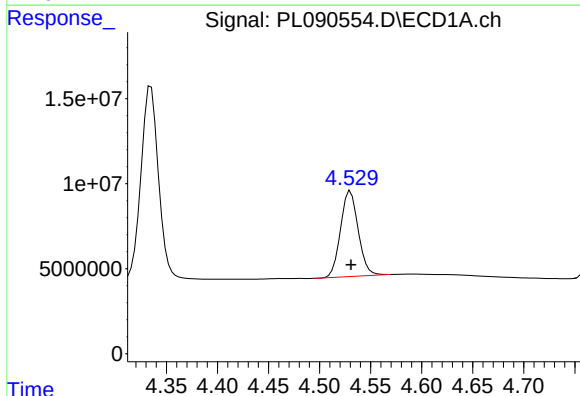
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 121434920  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



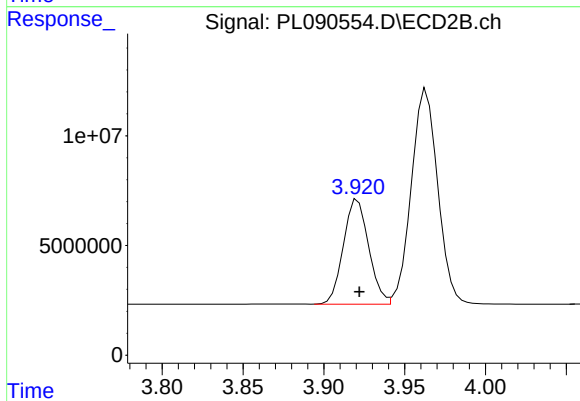
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: 0.000 min  
Response: 111913252  
Conc: 52.60 ng/ml



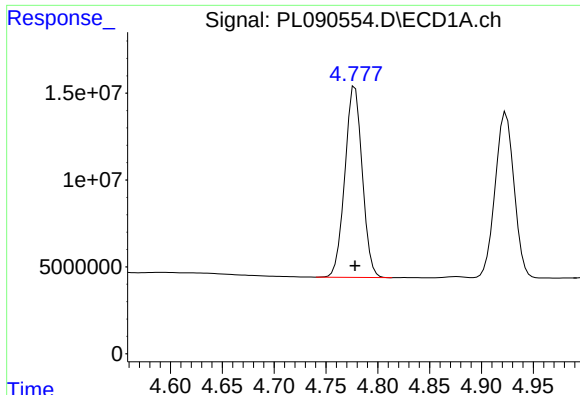
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 60581736  
Conc: 47.76 ng/ml



#6 beta-BHC

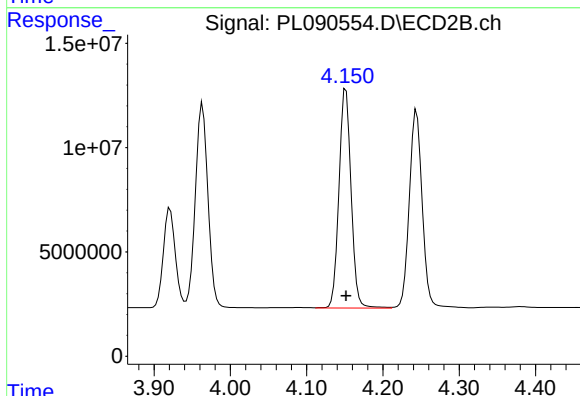
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 52017475  
Conc: 50.39 ng/ml



#7 delta-BHC

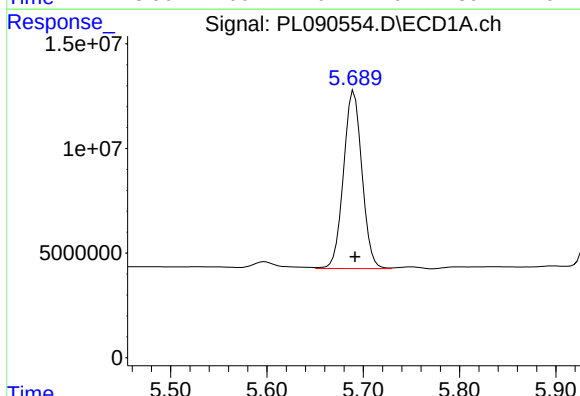
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 128258323  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



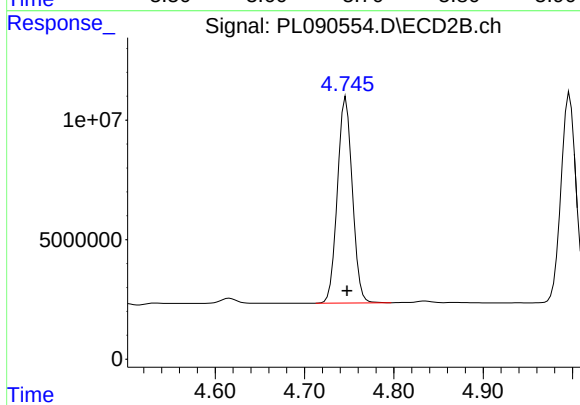
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 115532163  
Conc: 52.52 ng/ml



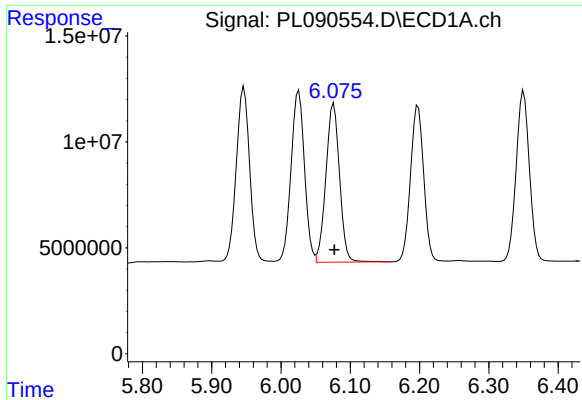
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.001 min  
Response: 112664402  
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

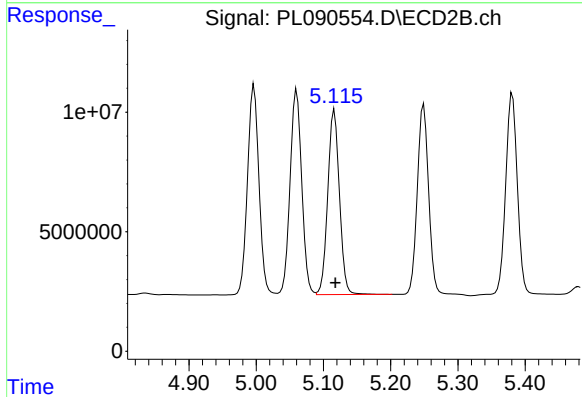
R.T.: 4.746 min  
Delta R.T.: -0.001 min  
Response: 99865047  
Conc: 51.20 ng/ml



#9 Endosulfan I

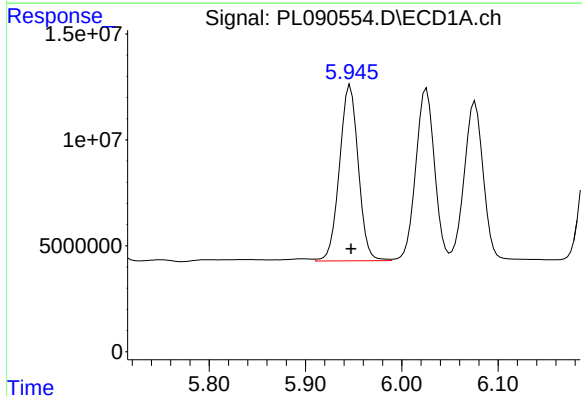
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 102787214  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



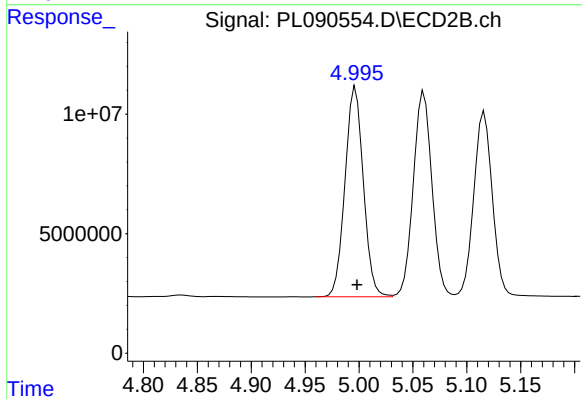
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.001 min  
Response: 92830620  
Conc: 50.76 ng/ml



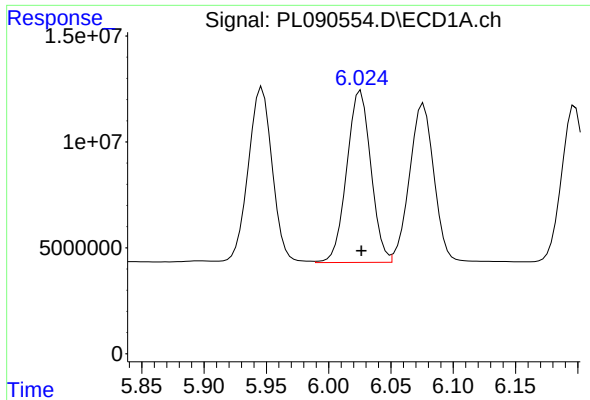
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 112407530  
Conc: 48.35 ng/ml



#10 gamma-Chlordane

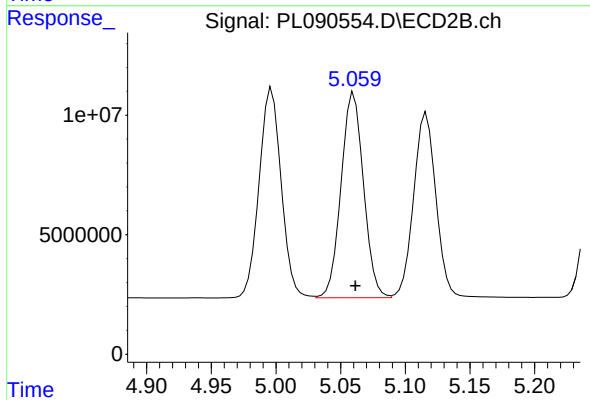
R.T.: 4.997 min  
Delta R.T.: -0.001 min  
Response: 104103114  
Conc: 51.35 ng/ml



#11 alpha-Chlordane

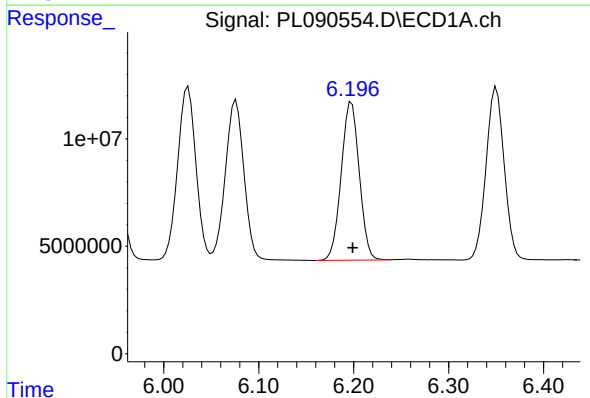
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 110061497  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



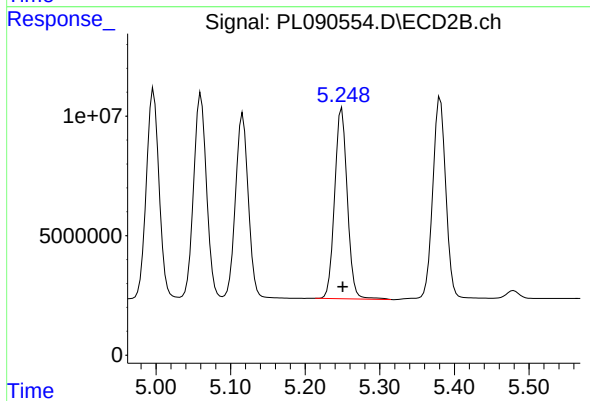
#11 alpha-Chlordane

R.T.: 5.060 min  
Delta R.T.: -0.001 min  
Response: 103508797  
Conc: 51.23 ng/ml



#12 4,4'-DDE

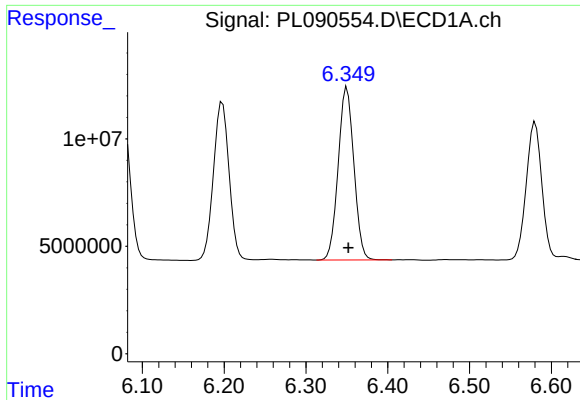
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 97402161  
Conc: 48.17 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min  
Delta R.T.: -0.001 min  
Response: 94299088  
Conc: 52.77 ng/ml

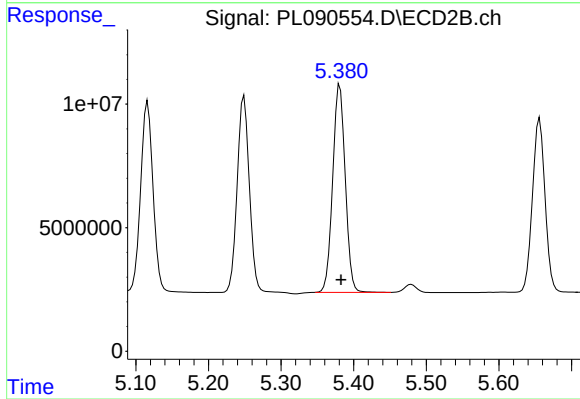




#13 Dieldrin

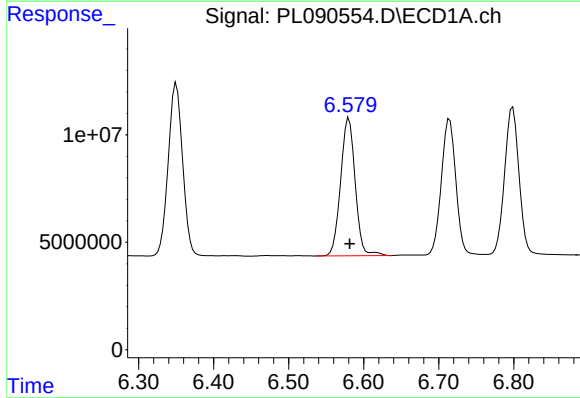
R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 106866445  
Conc: 48.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



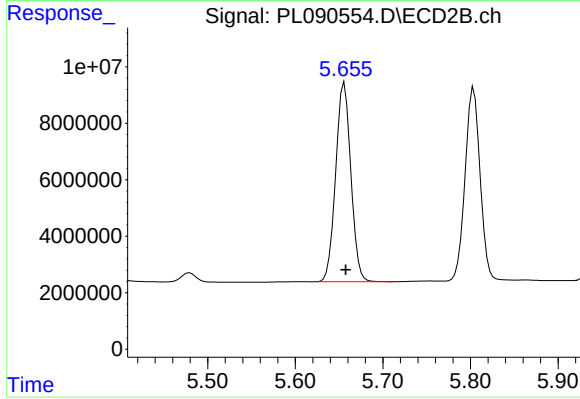
#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: -0.001 min  
Response: 101105081  
Conc: 51.56 ng/ml



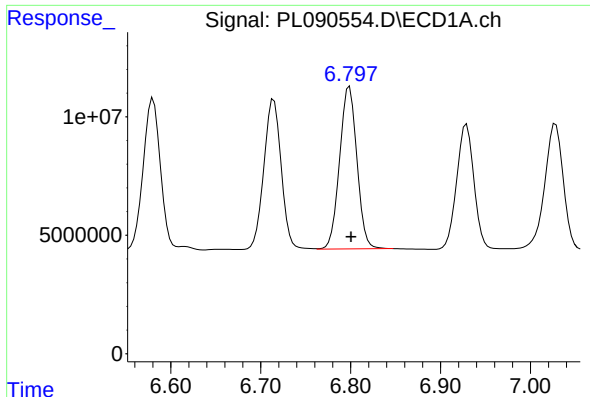
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: -0.001 min  
Response: 86806100  
Conc: 47.22 ng/ml



#14 Endrin

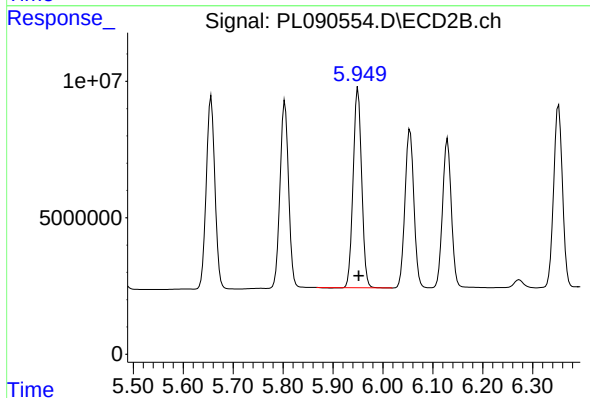
R.T.: 5.656 min  
Delta R.T.: -0.002 min  
Response: 84946263  
Conc: 49.36 ng/ml



#15 Endosulfan II

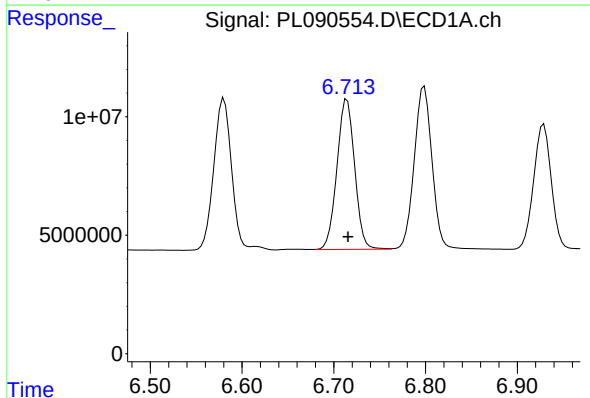
R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 91745426  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



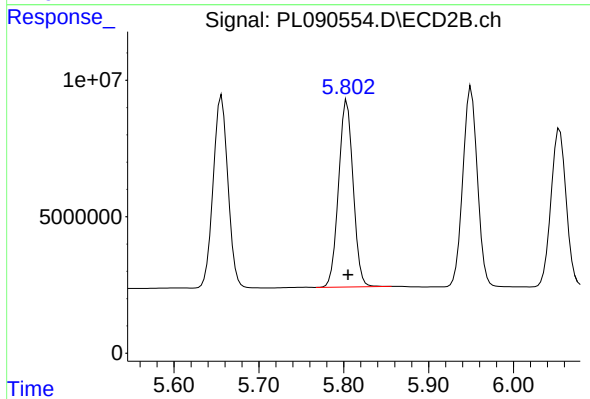
#15 Endosulfan II

R.T.: 5.950 min  
Delta R.T.: -0.001 min  
Response: 86765190  
Conc: 50.79 ng/ml



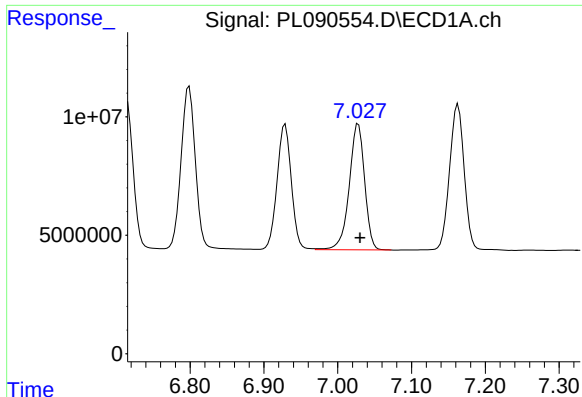
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: -0.001 min  
Response: 85076598  
Conc: 50.39 ng/ml



#16 4,4'-DDD

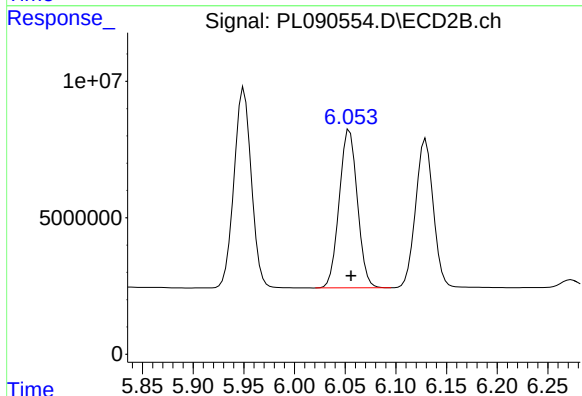
R.T.: 5.804 min  
Delta R.T.: -0.001 min  
Response: 81465543  
Conc: 54.37 ng/ml



#17 4,4'-DDT

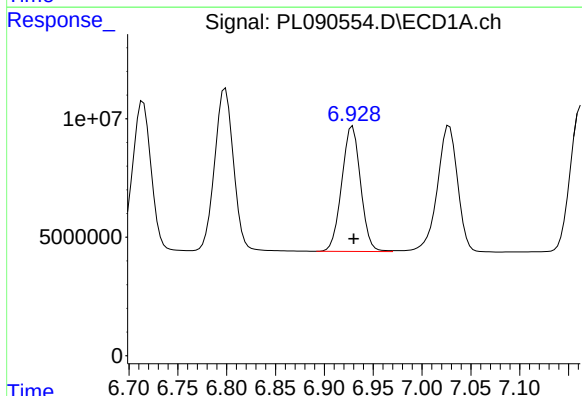
R.T.: 7.028 min  
Delta R.T.: -0.002 min  
Response: 77031552  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



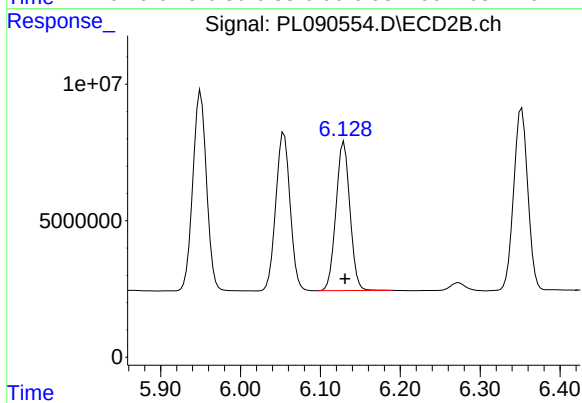
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.001 min  
Response: 72152602  
Conc: 49.25 ng/ml



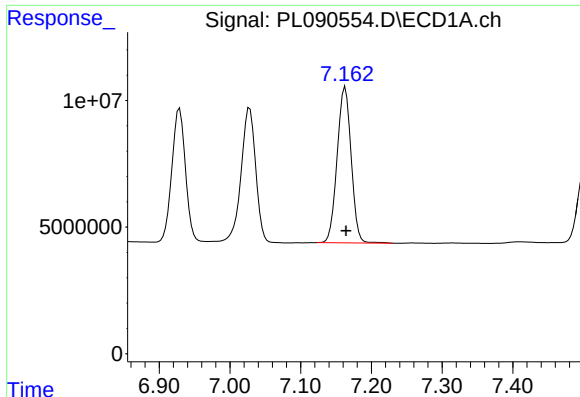
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: -0.001 min  
Response: 70879466  
Conc: 47.78 ng/ml



#18 Endrin aldehyde

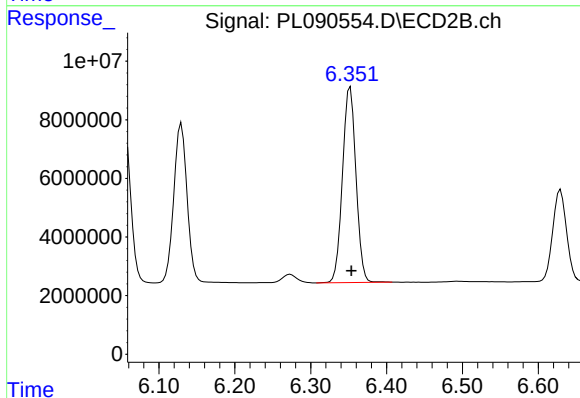
R.T.: 6.129 min  
Delta R.T.: -0.001 min  
Response: 66308873  
Conc: 50.75 ng/ml



#19 Endosulfan Sulfate

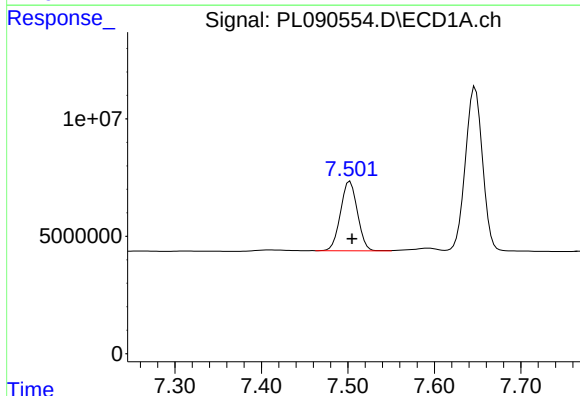
R.T.: 7.163 min  
Delta R.T.: -0.001 min  
Response: 84676853  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



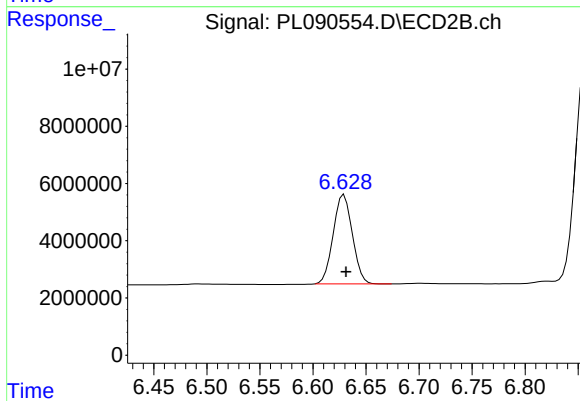
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: -0.001 min  
Response: 82517780  
Conc: 51.17 ng/ml



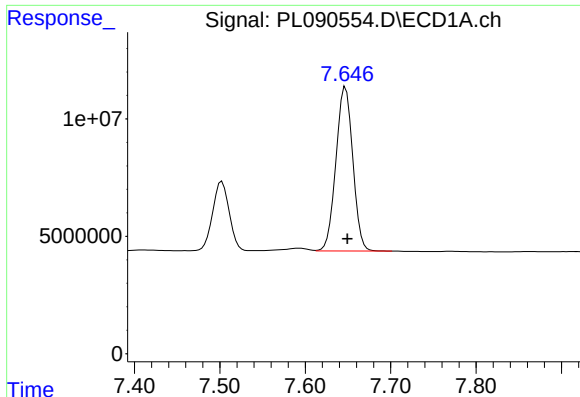
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 39883088  
Conc: 45.17 ng/ml



#20 Methoxychlor

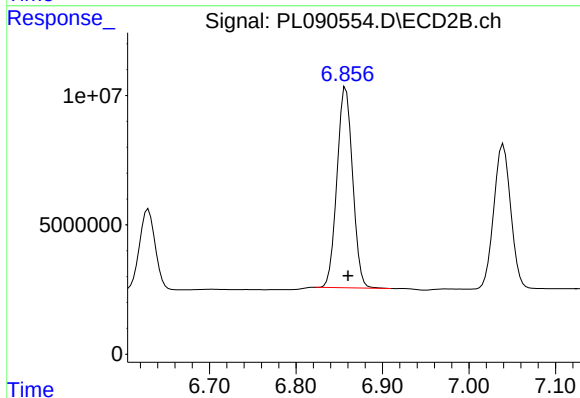
R.T.: 6.629 min  
Delta R.T.: -0.002 min  
Response: 39269715  
Conc: 48.57 ng/ml



#21 Endrin ketone

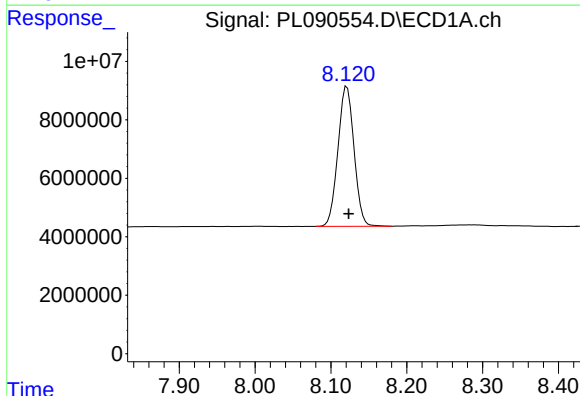
R.T.: 7.647 min  
Delta R.T.: -0.002 min  
Response: 96098644  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



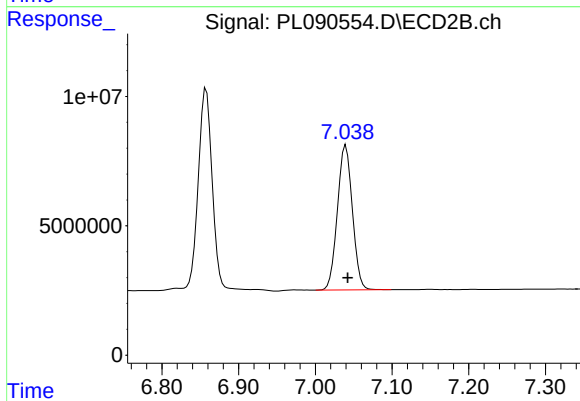
#21 Endrin ketone

R.T.: 6.858 min  
Delta R.T.: -0.002 min  
Response: 96837024  
Conc: 52.99 ng/ml



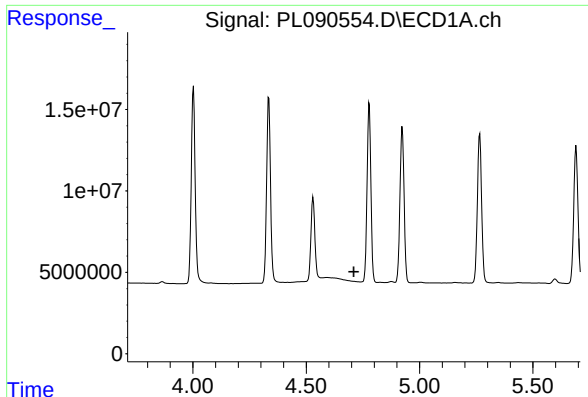
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: -0.002 min  
Response: 70539443  
Conc: 49.81 ng/ml



#22 Mirex

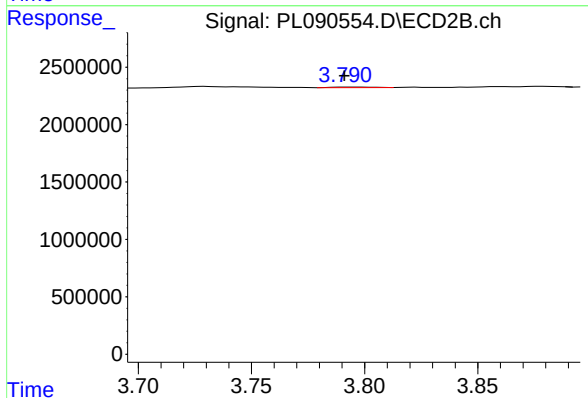
R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 76019126  
Conc: 51.14 ng/ml



#23 Chlordane-1

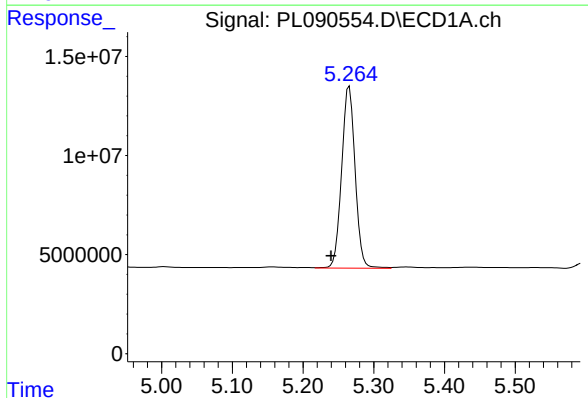
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



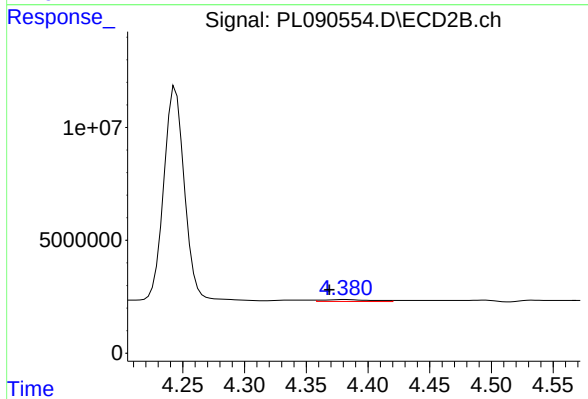
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: 0.003 min  
Response: 66733  
Conc: 1.08 ng/ml



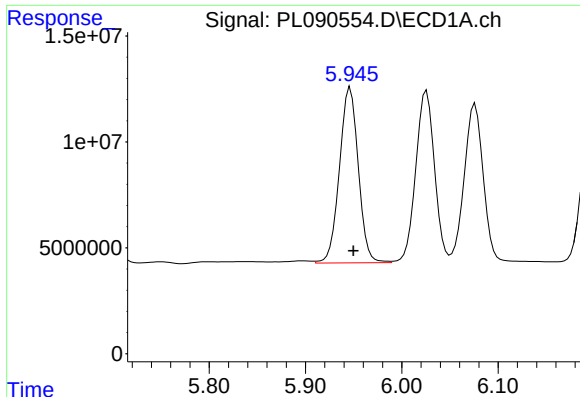
#24 Chlordane-2

R.T.: 5.265 min  
Delta R.T.: 0.026 min  
Response: 121434920  
Conc: 1186.43 ng/ml



#24 Chlordane-2

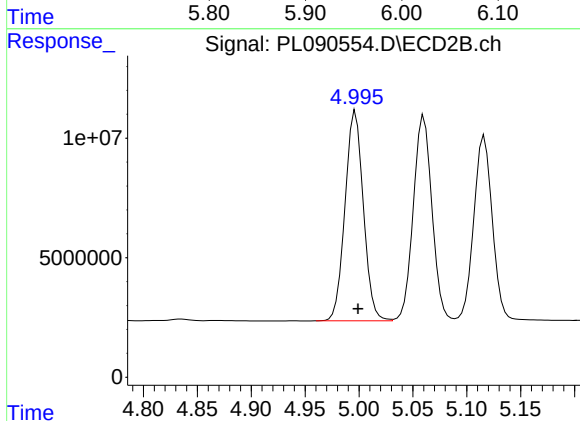
R.T.: 4.381 min  
Delta R.T.: 0.013 min  
Response: 2444720  
Conc: 32.23 ng/ml



#25 Chlordane-3

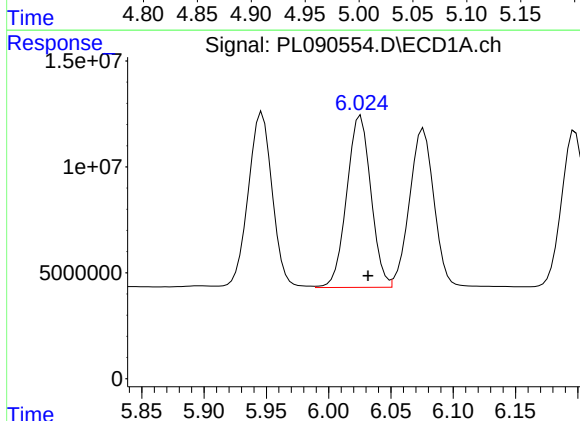
R.T.: 5.947 min  
Delta R.T.: -0.003 min  
Response: 112407530  
Conc: 339.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



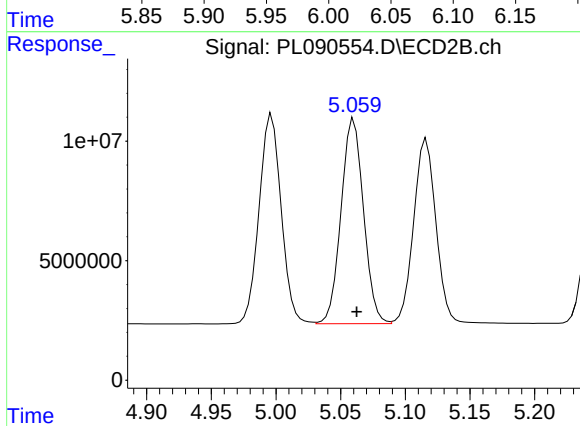
#25 Chlordane-3

R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 104103114  
Conc: 503.69 ng/ml



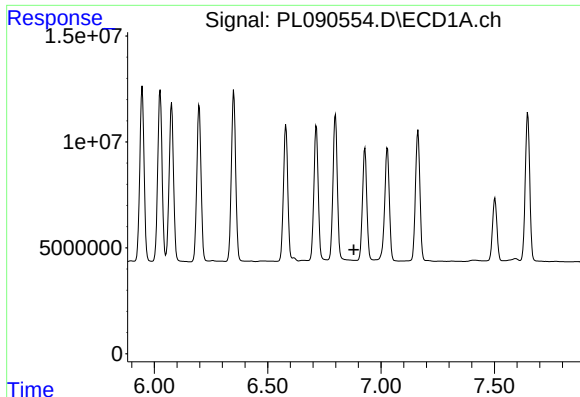
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.006 min  
Response: 110061497  
Conc: 276.32 ng/ml



#26 Chlordane-4

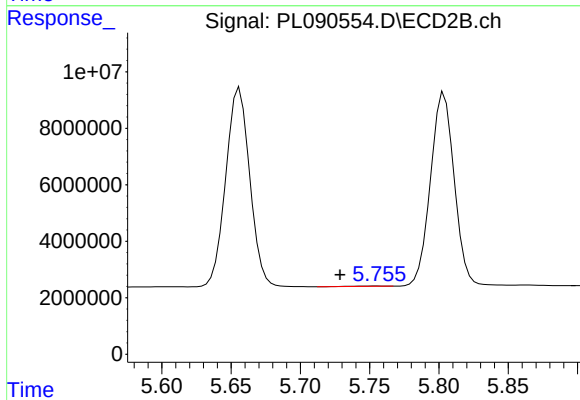
R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 103508797  
Conc: 528.92 ng/ml



#27 Chlordane-5

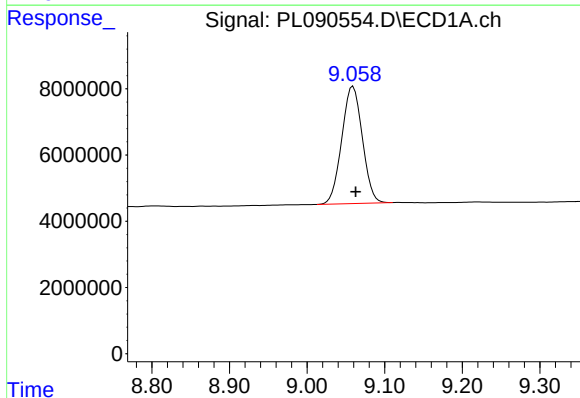
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



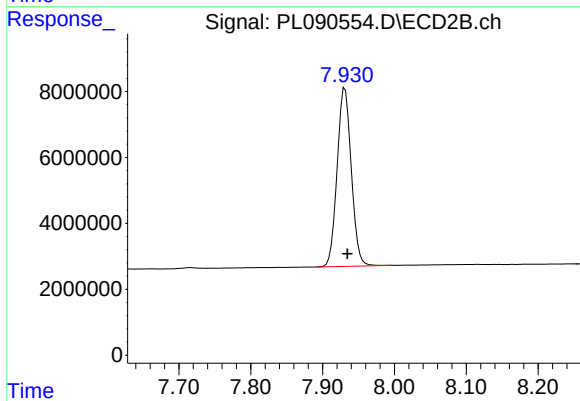
#27 Chlordane-5

R.T.: 5.756 min  
Delta R.T.: 0.027 min  
Response: 176277  
Conc: 2.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.003 min  
Response: 65290609  
Conc: 49.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.003 min  
Response: 74071171  
Conc: 50.80 ng/ml