

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071824\  
 Data File : PL090576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2024 10:08  
 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 23:45:40 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... | 3.549  | 2.791  | 105.0E6  | 84582670 | 50.448   | 50.258    |
| 28)                         | SA Decachlor... | 9.065  | 7.936  | 68292499 | 74016313 | 51.392   | 50.762    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.005  | 3.295  | 147.6E6  | 124.2E6  | 49.754   | 51.407    |
| 3)                          | MA gamma-BHC... | 4.337  | 3.625  | 139.7E6  | 117.2E6  | 49.889   | 50.841    |
| 4)                          | MA Heptachlor   | 4.926  | 3.966  | 120.9E6  | 107.1E6  | 47.513   | 48.564    |
| 5)                          | MB Aldrin       | 5.268  | 4.247  | 128.0E6  | 112.4E6  | 51.246   | 52.812    |
| 6)                          | B beta-BHC      | 4.533  | 3.924  | 62974368 | 51411948 | 49.644   | 49.808    |
| 7)                          | B delta-BHC     | 4.781  | 4.154  | 131.0E6  | 114.5E6  | 48.851   | 52.072    |
| 8)                          | B Heptachlo...  | 5.694  | 4.749  | 123.8E6  | 97984239 | 52.677   | 50.239    |
| 9)                          | A Endosulfan I  | 6.079  | 5.119  | 106.7E6  | 89117114 | 49.901   | 48.731    |
| 10)                         | B gamma-Chl...  | 5.950  | 4.999  | 118.5E6  | 102.4E6  | 50.973   | 50.507    |
| 11)                         | B alpha-Chl...  | 6.029  | 5.063  | 114.4E6  | 101.7E6  | 49.853   | 50.328    |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.252  | 99020553 | 94061708 | 48.971   | 52.633    |
| 13)                         | MA Dieldrin     | 6.354  | 5.384  | 108.9E6  | 99240408 | 49.028   | 50.609    |
| 14)                         | MA Endrin       | 6.584  | 5.659  | 85991614 | 79113025 | 46.774   | 45.966    |
| 15)                         | B Endosulfa...  | 6.802  | 5.954  | 94654861 | 86437660 | 48.125   | 50.596    |
| 16)                         | A 4,4'-DDD      | 6.718  | 5.807  | 92214644 | 82521623 | 54.623   | 55.078    |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.058  | 73310807 | 65194471 | 43.552   | 44.497    |
| 18)                         | B Endrin al...  | 6.933  | 6.133  | 73509265 | 66217500 | 49.548   | 50.681    |
| 19)                         | B Endosulfa...  | 7.166  | 6.356  | 87009016 | 81238178 | 49.543   | 50.380    |
| 20)                         | A Methoxychlor  | 7.507  | 6.633  | 37776083 | 36210883 | 42.786   | 44.785    |
| 21)                         | B Endrin ke...  | 7.652  | 6.862  | 100.7E6  | 98052577 | 52.744   | 53.654    |
| 22)                         | Mirex           | 8.126  | 7.044  | 73722462 | 76365360 | 52.055   | 51.370    |
| 23)                         | Chlordane-1     | 0.000  | 3.796  | 0        | 58784    | N.D.     | 0.949 #   |
| 24)                         | Chlordane-2     | 5.268f | 4.384  | 128.0E6  | 5284223  | 1250.895 | 69.675 #  |
| 25)                         | Chlordane-3     | 5.950  | 4.999  | 118.5E6  | 102.4E6  | 357.988  | 495.446 # |
| 26)                         | Chlordane-4     | 6.029  | 5.063  | 114.4E6  | 101.7E6  | 287.337  | 519.647 # |
| 27)                         | Chlordane-5     | 0.000  | 5.750f | 0        | 214203   | N.D.     | 3.554 #   |
| -----                       |                 |        |        |          |          |          |           |

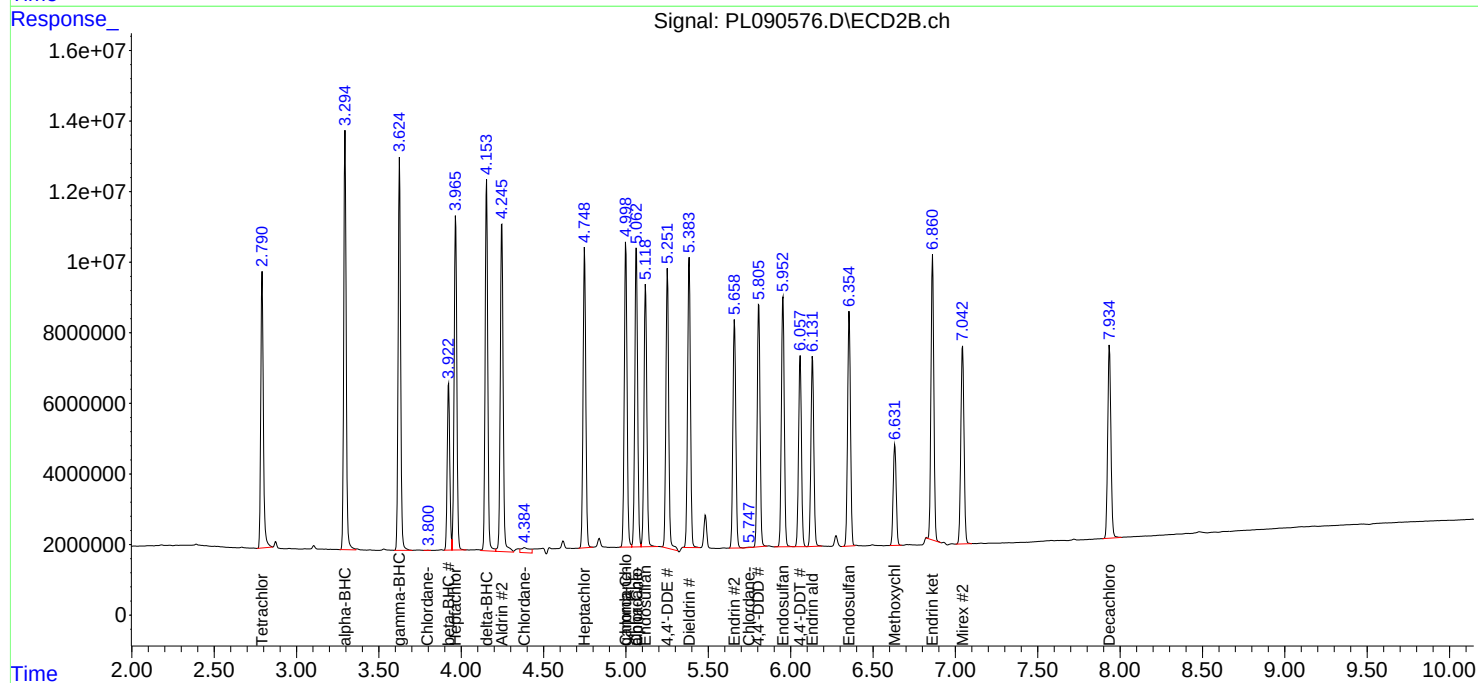
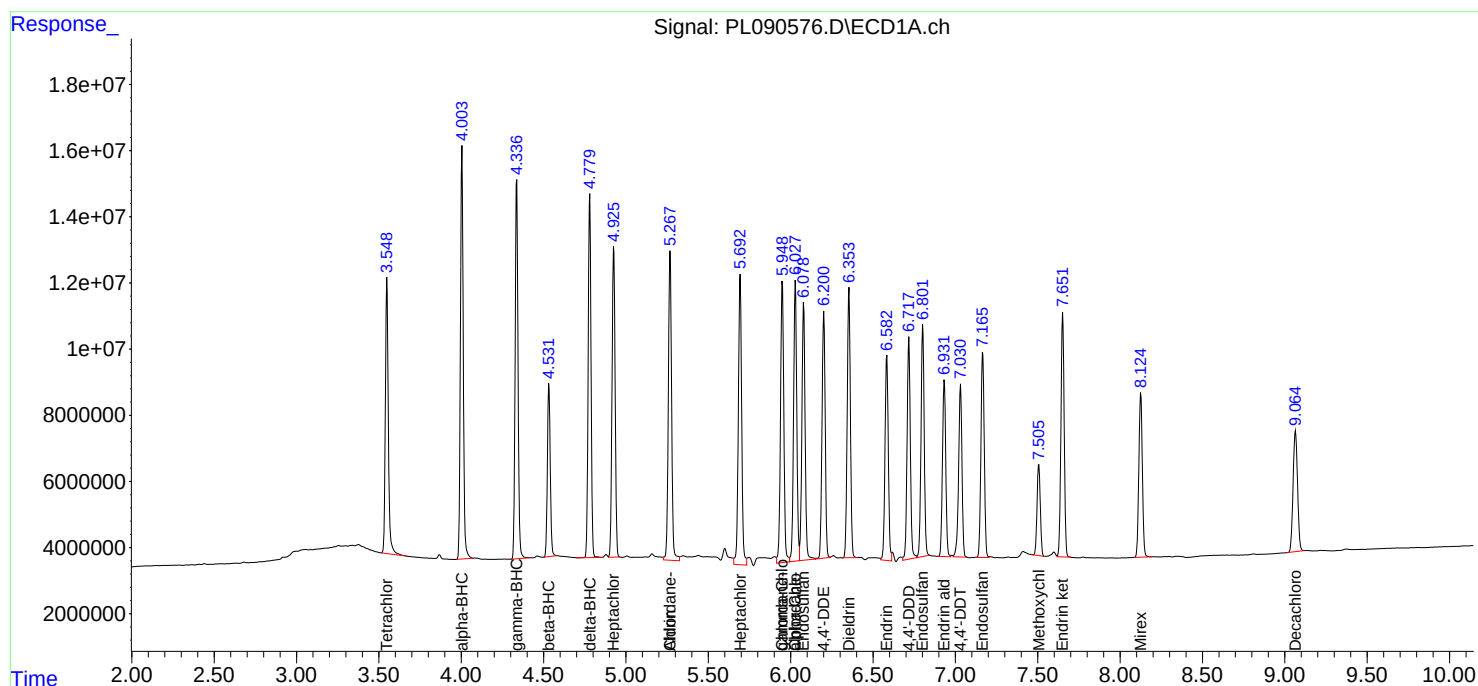
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

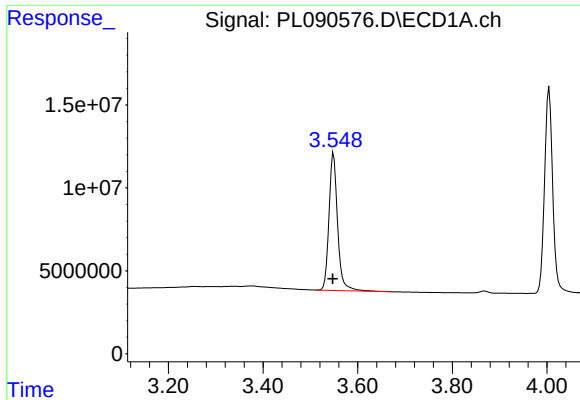
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071824\  
Data File : PL090576.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2024 10:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 23:45:40 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

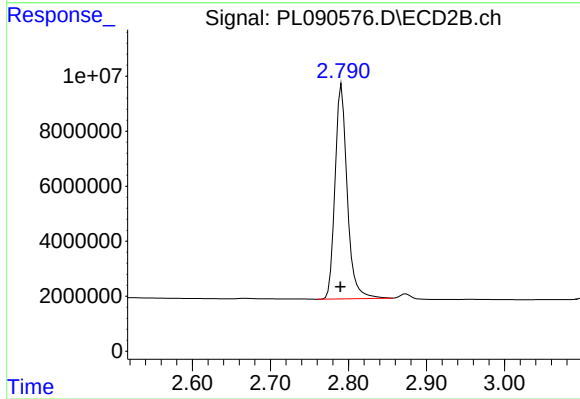




#1 Tetrachloro-m-xylene

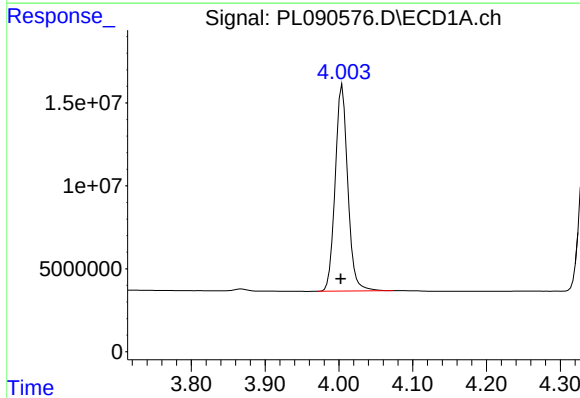
R.T.: 3.549 min  
Delta R.T.: 0.002 min  
Response: 105043649  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



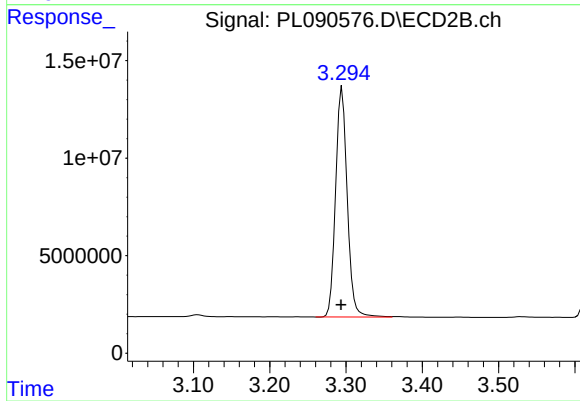
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: 0.002 min  
Response: 84582670  
Conc: 50.26 ng/ml



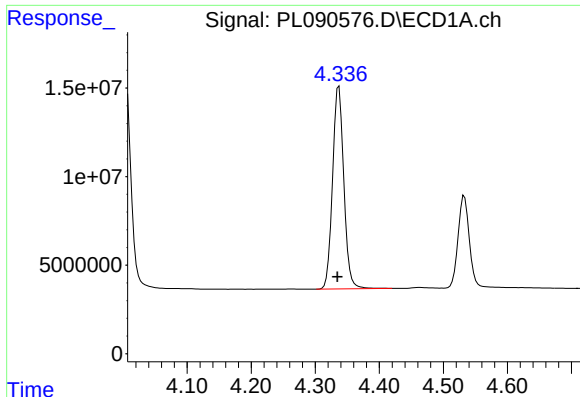
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.002 min  
Response: 147638753  
Conc: 49.75 ng/ml



#2 alpha-BHC

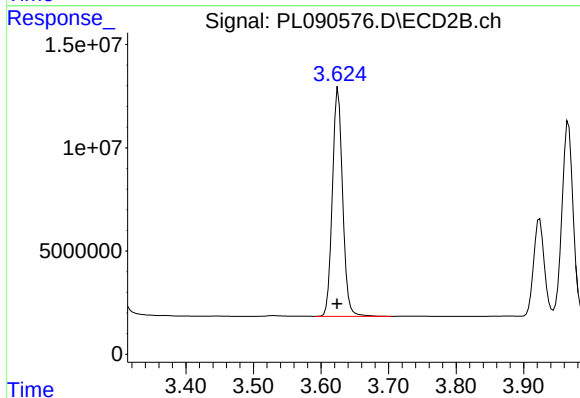
R.T.: 3.295 min  
Delta R.T.: 0.002 min  
Response: 124205209  
Conc: 51.41 ng/ml



#3 gamma-BHC (Lindane)

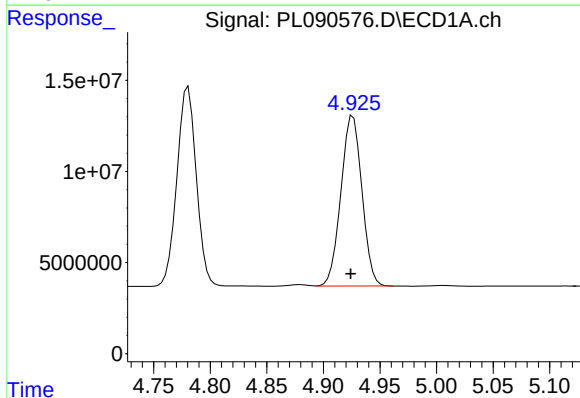
R.T.: 4.337 min  
Delta R.T.: 0.002 min  
Response: 139711463  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



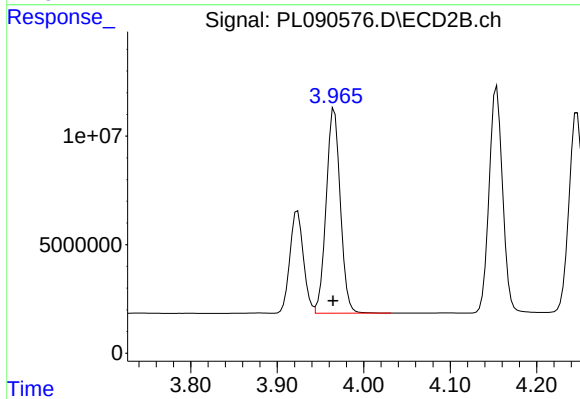
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: 0.002 min  
Response: 117238644  
Conc: 50.84 ng/ml



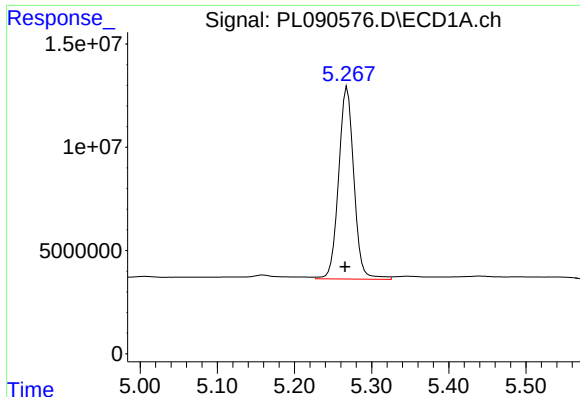
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.002 min  
Response: 120922275  
Conc: 47.51 ng/ml



#4 Heptachlor

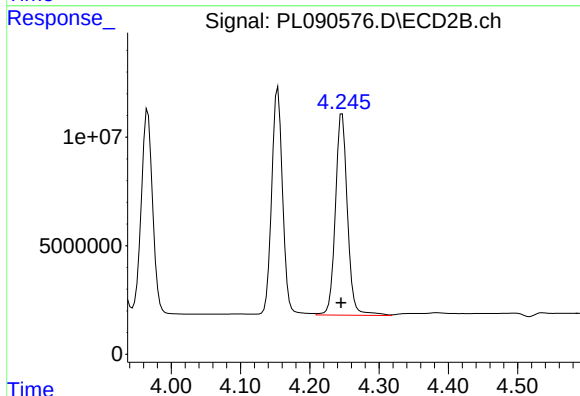
R.T.: 3.966 min  
Delta R.T.: 0.002 min  
Response: 107135035  
Conc: 48.56 ng/ml



#5 Aldrin

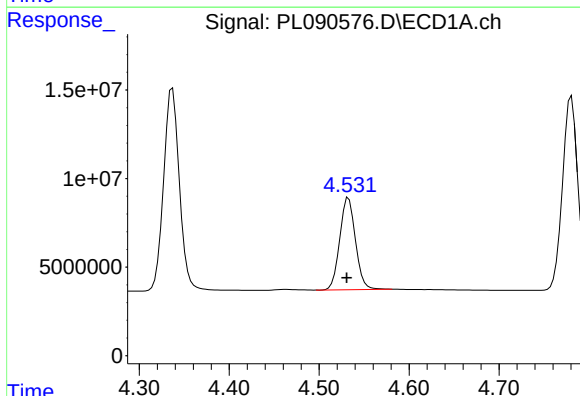
R.T.: 5.268 min  
Delta R.T.: 0.003 min  
Response: 128033075  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



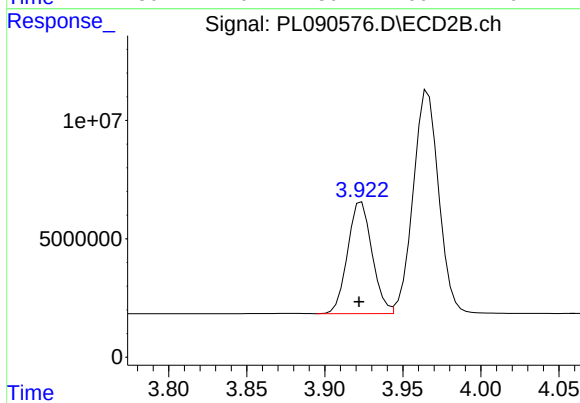
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: 0.002 min  
Response: 112355920  
Conc: 52.81 ng/ml



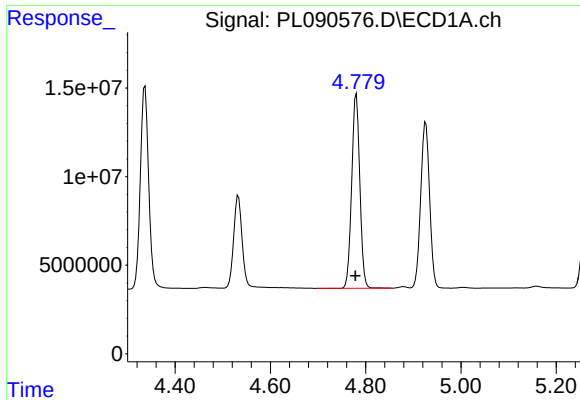
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.002 min  
Response: 62974368  
Conc: 49.64 ng/ml



#6 beta-BHC

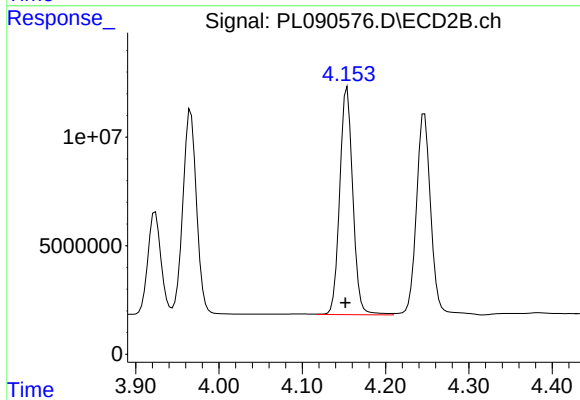
R.T.: 3.924 min  
Delta R.T.: 0.002 min  
Response: 51411948  
Conc: 49.81 ng/ml



#7 delta-BHC

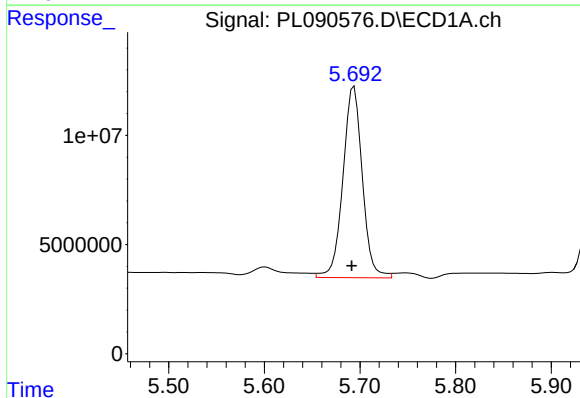
R.T.: 4.781 min  
Delta R.T.: 0.002 min  
Response: 130972310  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



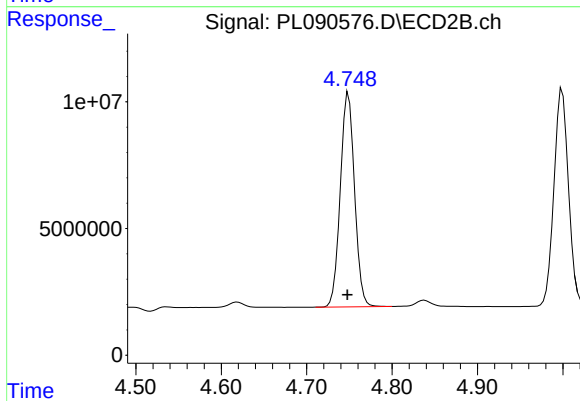
#7 delta-BHC

R.T.: 4.154 min  
Delta R.T.: 0.002 min  
Response: 114545023  
Conc: 52.07 ng/ml



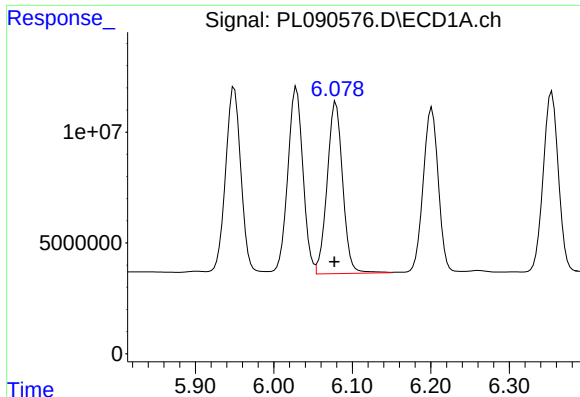
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.002 min  
Response: 123811425  
Conc: 52.68 ng/ml



#8 Heptachlor epoxide

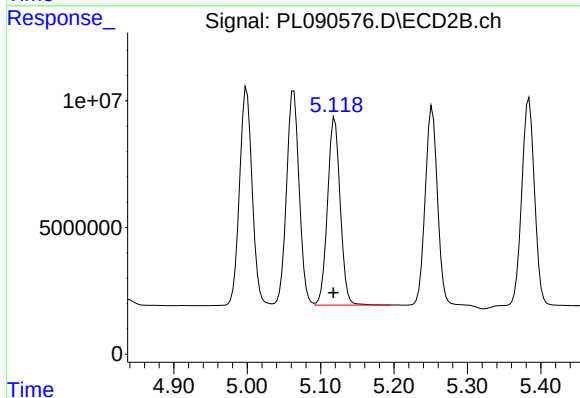
R.T.: 4.749 min  
Delta R.T.: 0.001 min  
Response: 97984239  
Conc: 50.24 ng/ml



#9 Endosulfan I

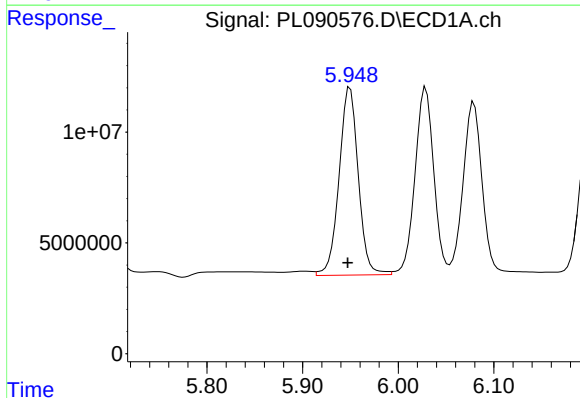
R.T.: 6.079 min  
Delta R.T.: 0.002 min  
Response: 106724847  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



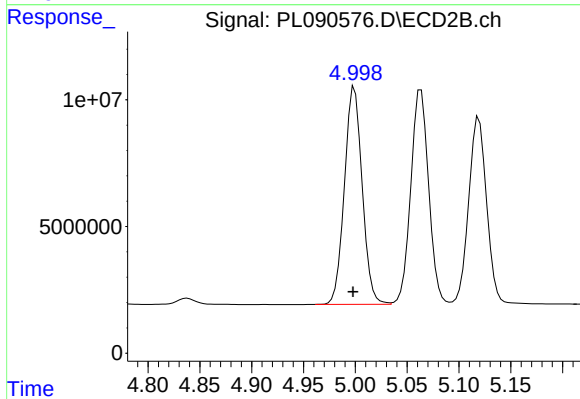
#9 Endosulfan I

R.T.: 5.119 min  
Delta R.T.: 0.002 min  
Response: 89117114  
Conc: 48.73 ng/ml



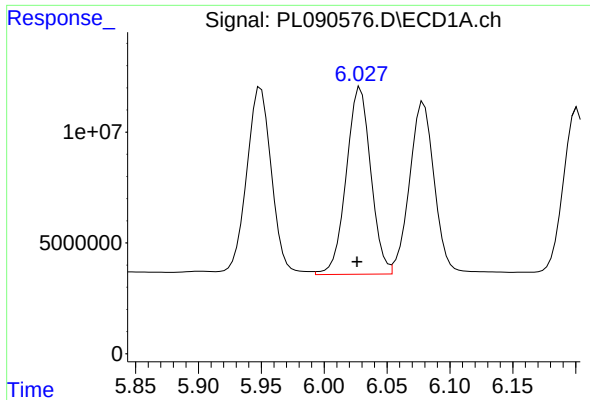
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.002 min  
Response: 118513334  
Conc: 50.97 ng/ml



#10 gamma-Chlordane

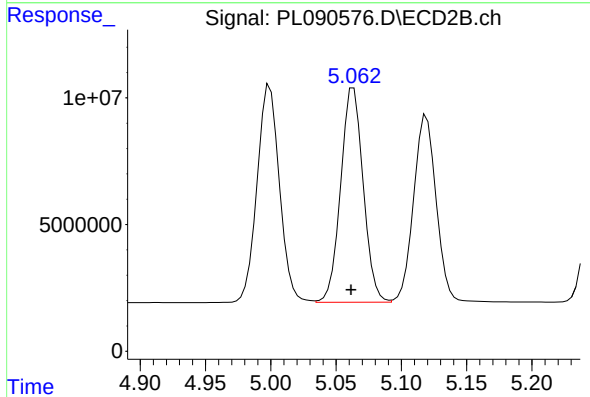
R.T.: 4.999 min  
Delta R.T.: 0.001 min  
Response: 102398759  
Conc: 50.51 ng/ml



#11 alpha-Chlordane

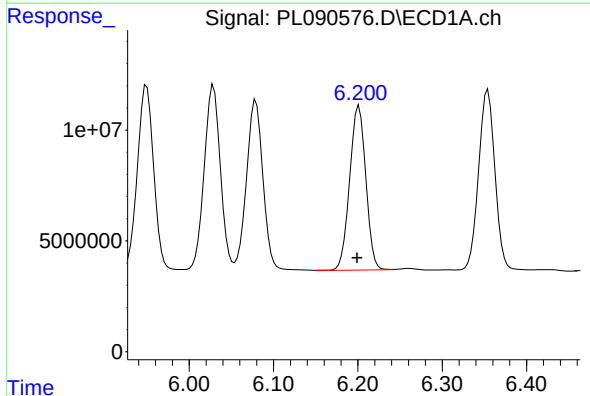
R.T.: 6.029 min  
Delta R.T.: 0.003 min  
Response: 114448970  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



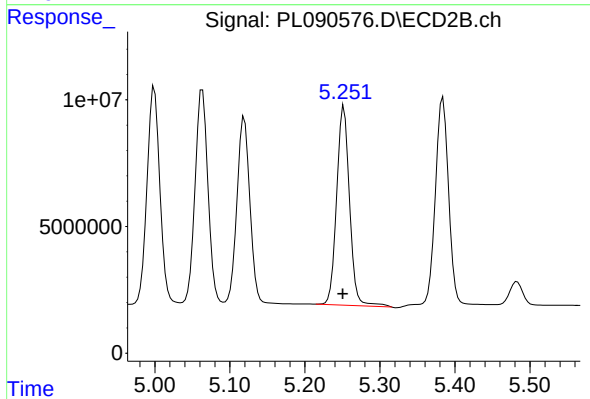
#11 alpha-Chlordane

R.T.: 5.063 min  
Delta R.T.: 0.002 min  
Response: 101693748  
Conc: 50.33 ng/ml



#12 4,4'-DDE

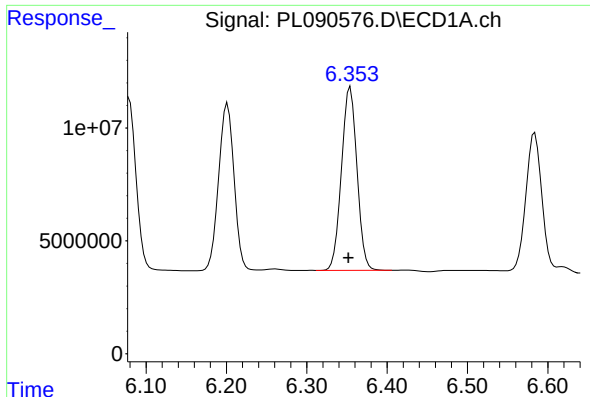
R.T.: 6.201 min  
Delta R.T.: 0.003 min  
Response: 99020553  
Conc: 48.97 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min  
Delta R.T.: 0.001 min  
Response: 94061708  
Conc: 52.63 ng/ml

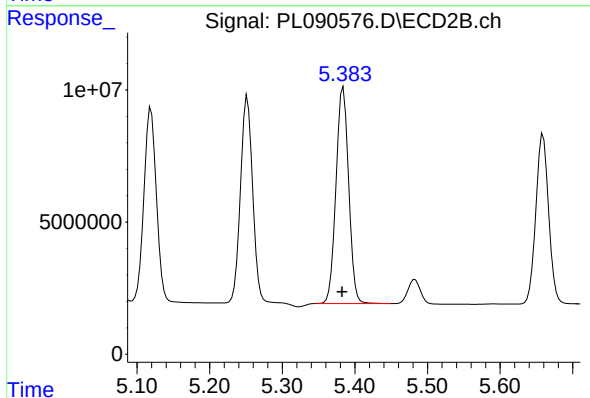




#13 Dieldrin

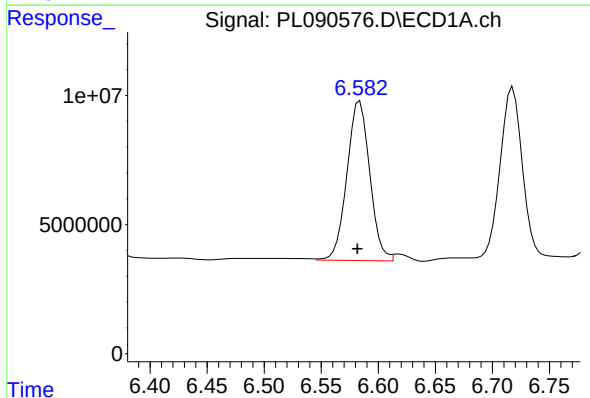
R.T.: 6.354 min  
Delta R.T.: 0.003 min  
Response: 108931585  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



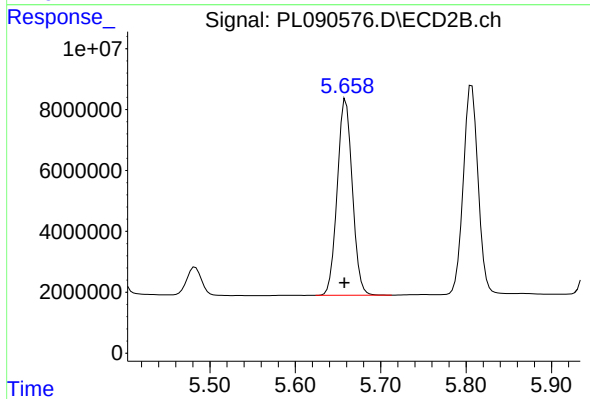
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.002 min  
Response: 99240408  
Conc: 50.61 ng/ml



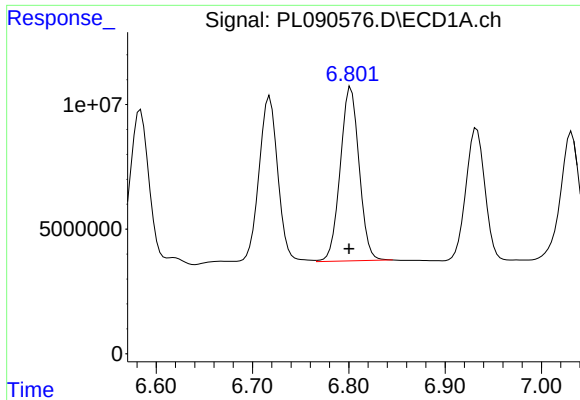
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.002 min  
Response: 85991614  
Conc: 46.77 ng/ml



#14 Endrin

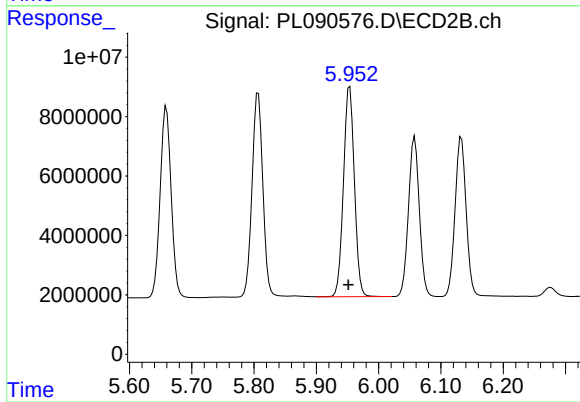
R.T.: 5.659 min  
Delta R.T.: 0.002 min  
Response: 79113025  
Conc: 45.97 ng/ml



#15 Endosulfan II

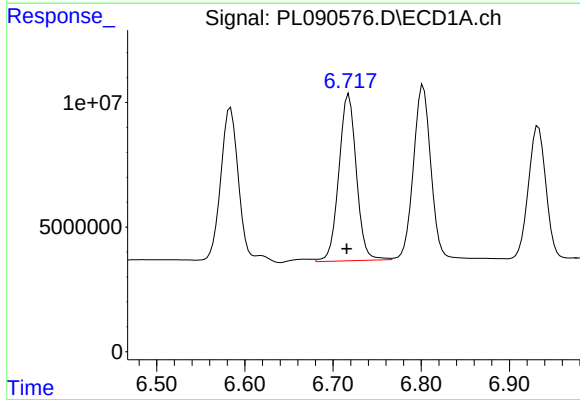
R.T.: 6.802 min  
Delta R.T.: 0.002 min  
Response: 94654861  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



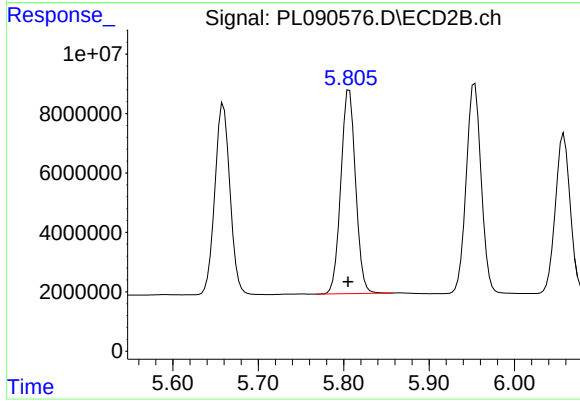
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: 0.002 min  
Response: 86437660  
Conc: 50.60 ng/ml



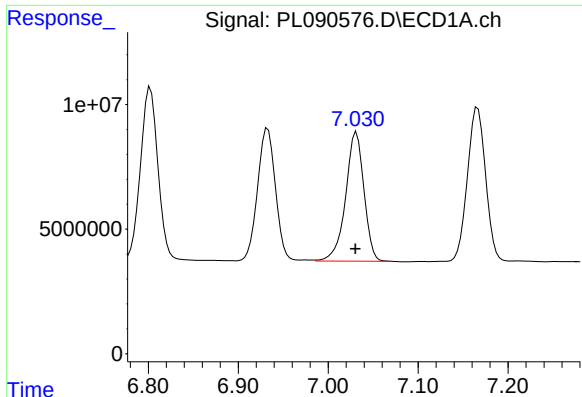
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 92214644  
Conc: 54.62 ng/ml



#16 4,4'-DDD

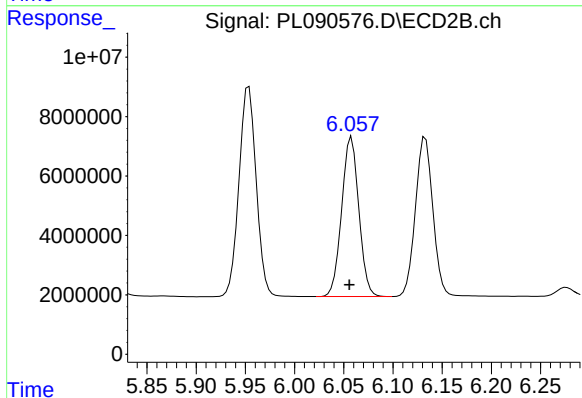
R.T.: 5.807 min  
Delta R.T.: 0.001 min  
Response: 82521623  
Conc: 55.08 ng/ml



#17 4,4'-DDT

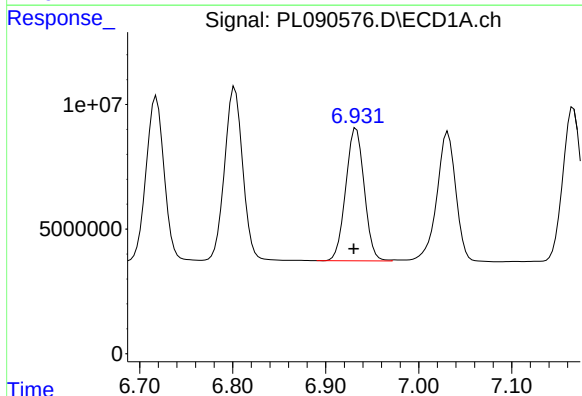
R.T.: 7.032 min  
Delta R.T.: 0.001 min  
Response: 73310807  
Conc: 43.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



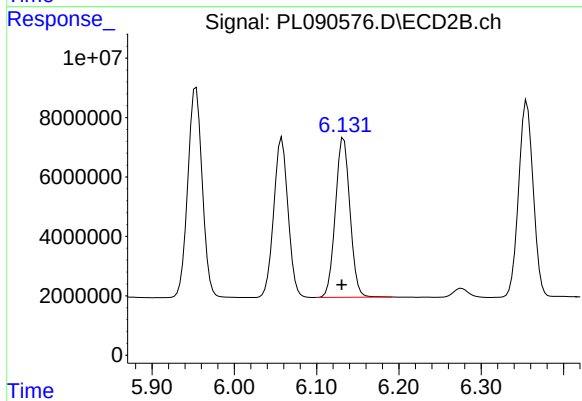
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: 0.002 min  
Response: 65194471  
Conc: 44.50 ng/ml



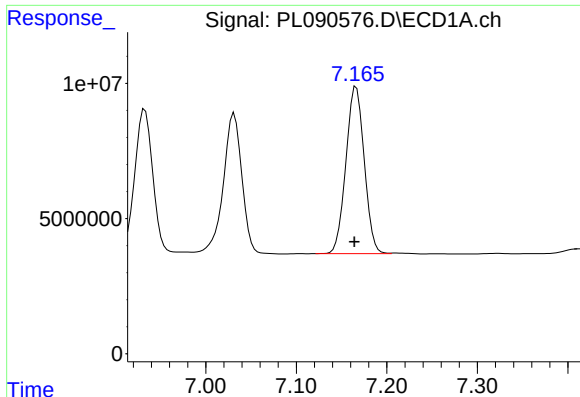
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.003 min  
Response: 73509265  
Conc: 49.55 ng/ml



#18 Endrin aldehyde

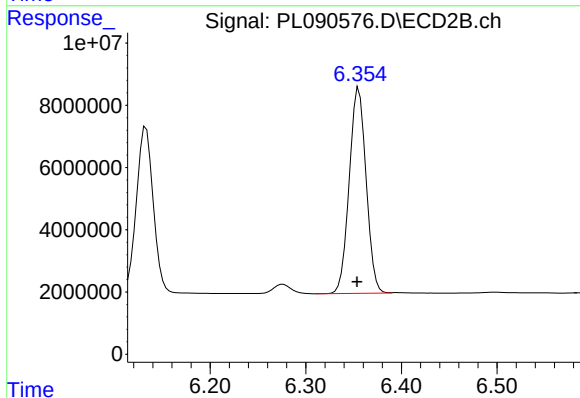
R.T.: 6.133 min  
Delta R.T.: 0.002 min  
Response: 66217500  
Conc: 50.68 ng/ml



#19 Endosulfan Sulfate

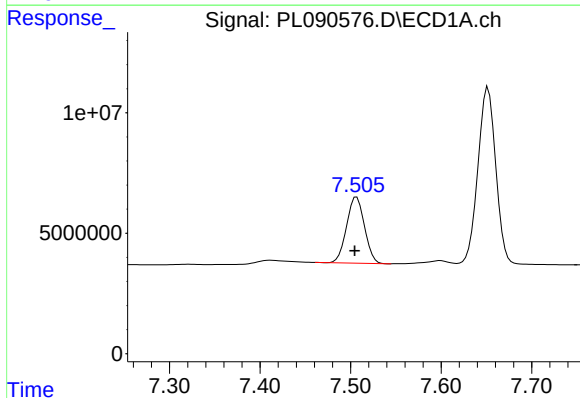
R.T.: 7.166 min  
Delta R.T.: 0.002 min  
Response: 87009016  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



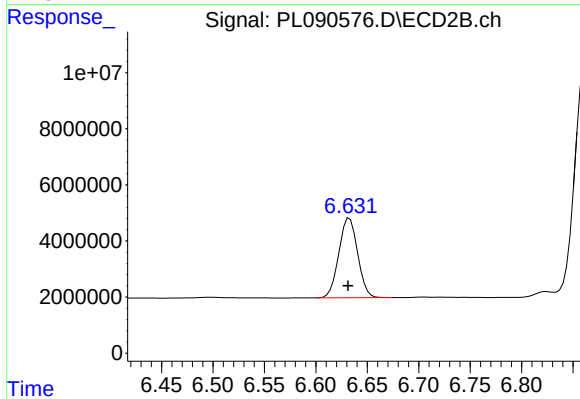
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 81238178  
Conc: 50.38 ng/ml



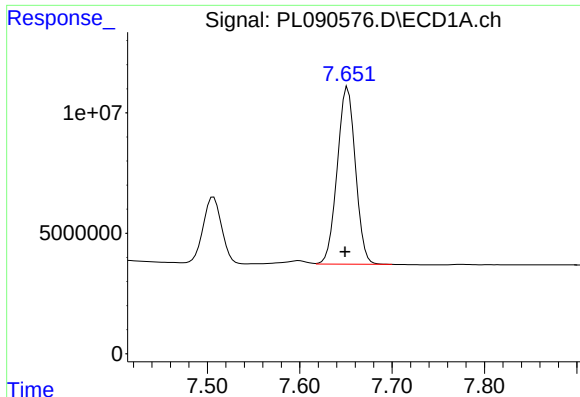
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.002 min  
Response: 37776083  
Conc: 42.79 ng/ml



#20 Methoxychlor

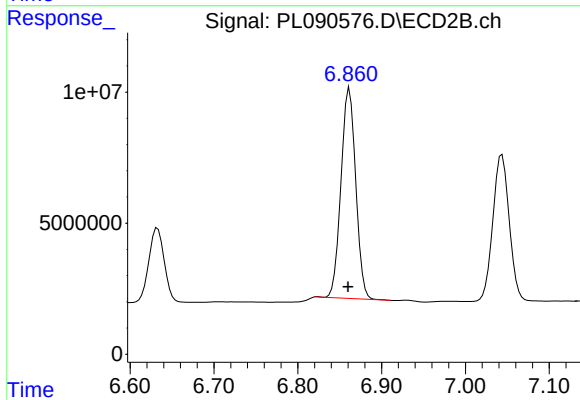
R.T.: 6.633 min  
Delta R.T.: 0.002 min  
Response: 36210883  
Conc: 44.79 ng/ml



#21 Endrin ketone

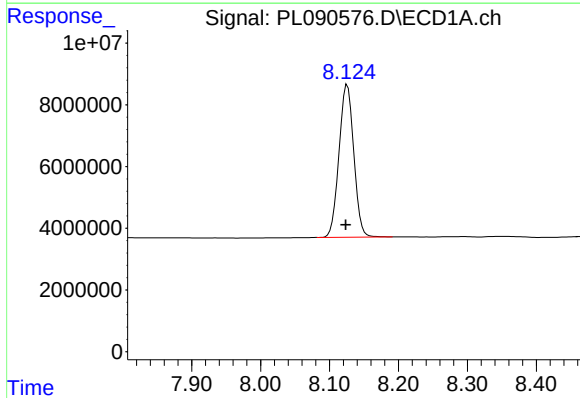
R.T.: 7.652 min  
Delta R.T.: 0.003 min  
Response: 100687351  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



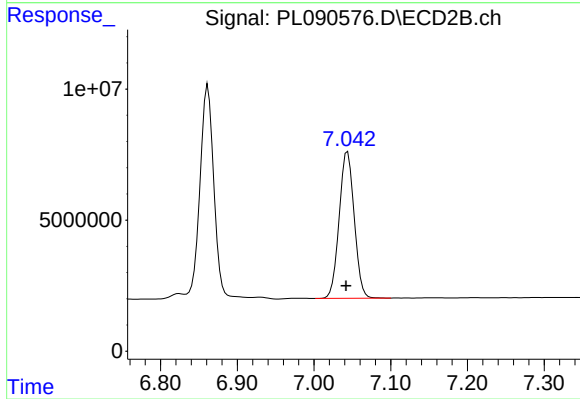
#21 Endrin ketone

R.T.: 6.862 min  
Delta R.T.: 0.002 min  
Response: 98052577  
Conc: 53.65 ng/ml



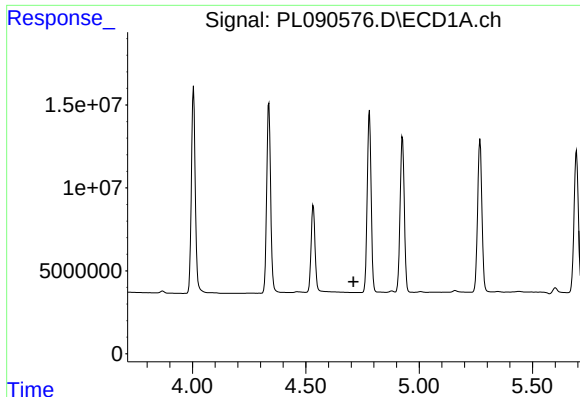
#22 Mirex

R.T.: 8.126 min  
Delta R.T.: 0.002 min  
Response: 73722462  
Conc: 52.06 ng/ml



#22 Mirex

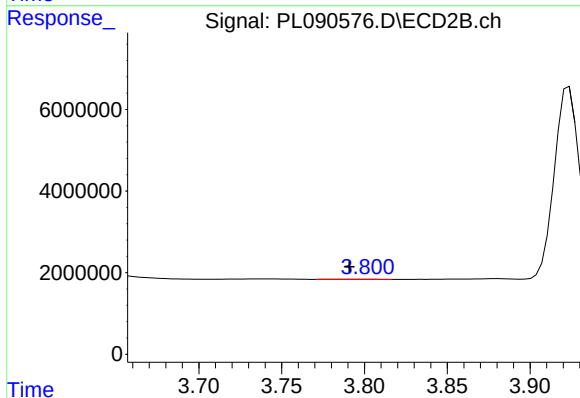
R.T.: 7.044 min  
Delta R.T.: 0.002 min  
Response: 76365360  
Conc: 51.37 ng/ml



#23 Chlordane-1

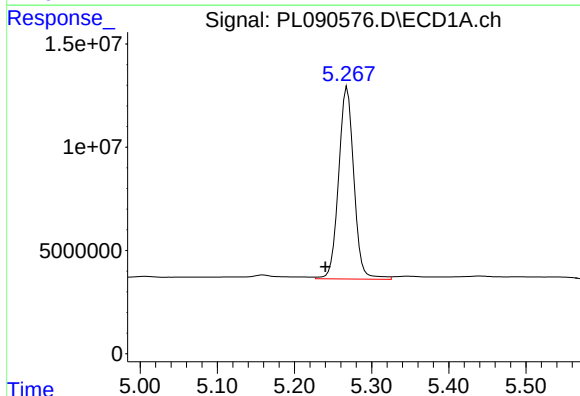
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



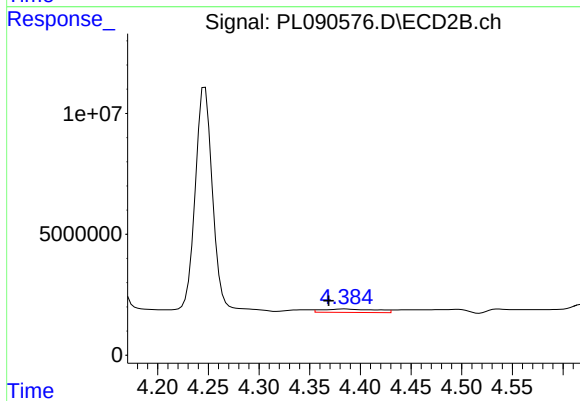
#23 Chlordane-1

R.T.: 3.796 min  
Delta R.T.: 0.005 min  
Response: 58784  
Conc: 0.95 ng/ml



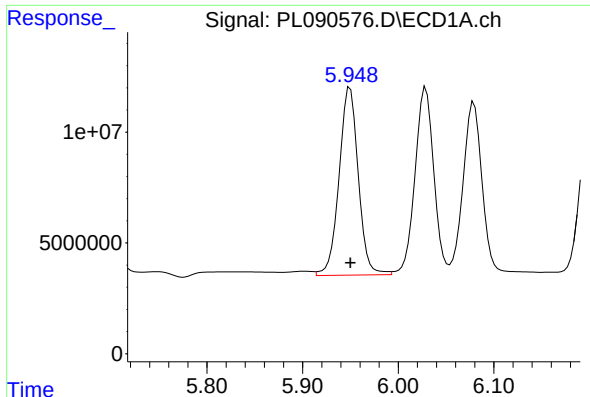
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.029 min  
Response: 128033075  
Conc: 1250.89 ng/ml



#24 Chlordane-2

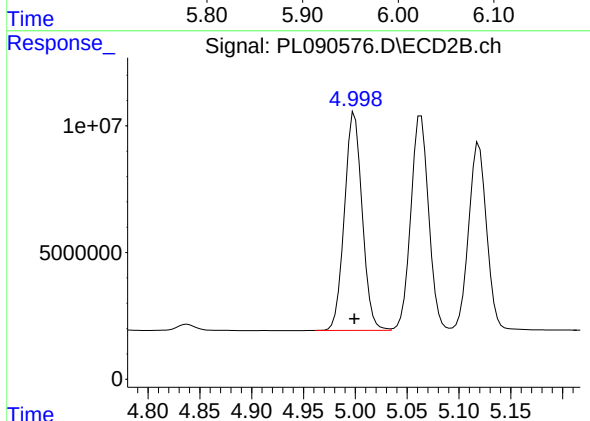
R.T.: 4.384 min  
Delta R.T.: 0.016 min  
Response: 5284223  
Conc: 69.67 ng/ml



#25 Chlordane-3

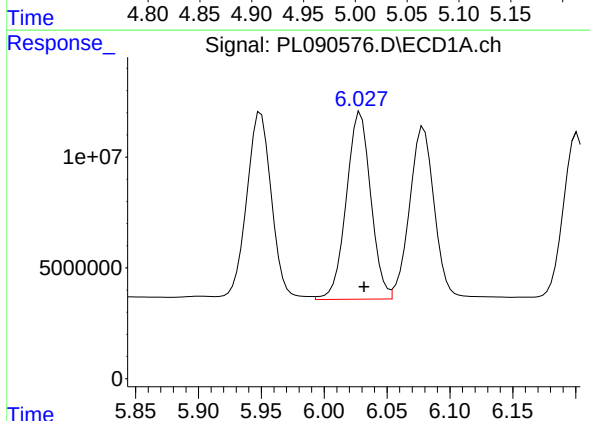
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 118513334  
Conc: 357.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



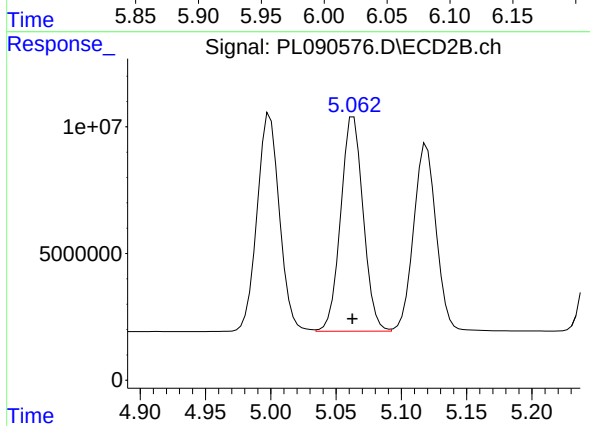
#25 Chlordane-3

R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 102398759  
Conc: 495.45 ng/ml



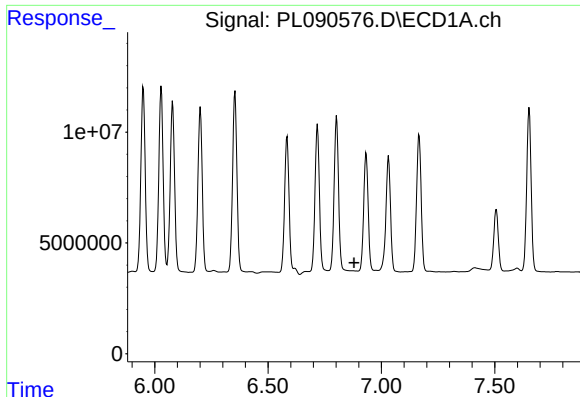
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: -0.003 min  
Response: 114448970  
Conc: 287.34 ng/ml



#26 Chlordane-4

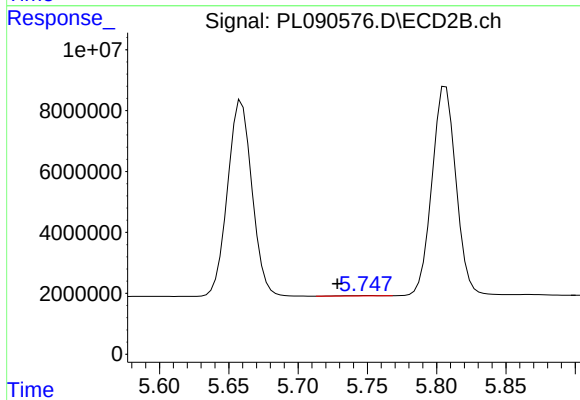
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 101693748  
Conc: 519.65 ng/ml



#27 Chlordane-5

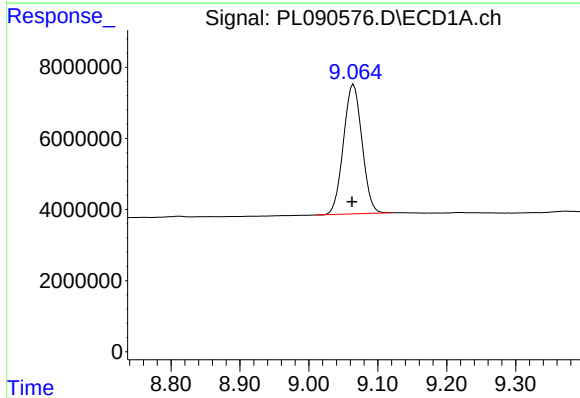
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



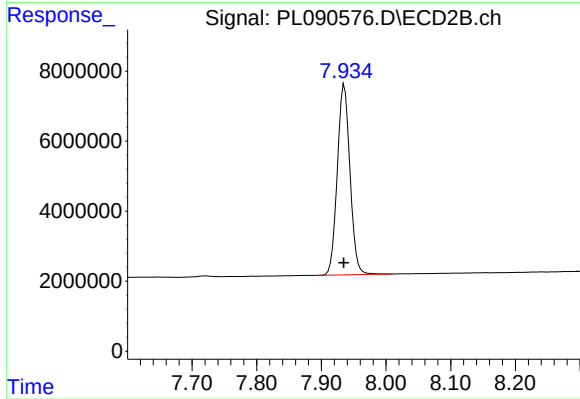
#27 Chlordane-5

R.T.: 5.750 min  
Delta R.T.: 0.021 min  
Response: 214203  
Conc: 3.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.002 min  
Response: 68292499  
Conc: 51.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min  
Delta R.T.: 0.000 min  
Response: 74016313  
Conc: 50.76 ng/ml