

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091324\  
 Data File : PL091748.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2024 20:00  
 Operator : AR\AJ  
 Sample : P3985-03MSD  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-7MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 03:49:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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 | 30386442 | 37729543 | 19.496   | 20.173     |
| 28)                         | SA Decachlor... | 9.060  | 7.924 | 22066545 | 32405453 | 18.157   | 17.549     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.000  | 3.287 | 120.7E6  | 158.8E6  | 55.895   | 59.719     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.617 | 95057734 | 146.0E6  | 46.241   | 59.383 #   |
| 4)                          | MA Heptachlor   | 4.922  | 3.957 | 107.3E6  | 139.0E6  | 57.292   | 57.707     |
| 5)                          | MB Aldrin       | 5.263  | 4.237 | 101.0E6  | 136.1E6  | 54.209   | 59.673     |
| 6)                          | B beta-BHC      | 4.530  | 3.916 | 50391209 | 62691329 | 55.374   | 57.385     |
| 7)                          | B delta-BHC     | 4.777  | 4.146 | 105.5E6  | 139.2E6  | 54.891   | 60.509     |
| 8)                          | B Heptachlo...  | 5.689  | 4.740 | 91006483 | 120.2E6  | 54.537   | 57.037     |
| 9)                          | A Endosulfan I  | 6.074  | 5.110 | 86025999 | 108.1E6  | 55.212   | 56.052     |
| 10)                         | B gamma-Chl...  | 5.945  | 4.990 | 91218247 | 131.5E6  | 54.596   | 59.620     |
| 11)                         | B alpha-Chl...  | 6.024  | 5.053 | 91346507 | 121.4E6  | 56.673   | 58.681     |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.243 | 80639351 | 114.0E6  | 55.283   | 60.105     |
| 13)                         | MA Dieldrin     | 6.350  | 5.374 | 89278538 | 117.7E6  | 54.714   | 57.287     |
| 14)                         | MA Endrin       | 6.579  | 5.649 | 70043839 | 105.4E6  | 52.677   | 55.855     |
| 15)                         | B Endosulfa...  | 6.799  | 5.943 | 83256752 | 101.3E6  | 53.714   | 57.269     |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.797 | 77992558 | 100.4E6  | 61.530   | 59.910     |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.047 | 64897457 | 82326829 | 49.474   | 51.237     |
| 18)                         | B Endrin al...  | 6.929  | 6.123 | 67821135 | 77641378 | 57.082   | 56.795     |
| 19)                         | B Endosulfa...  | 7.163  | 6.346 | 74366889 | 96879068 | 53.256   | 56.453     |
| 20)                         | A Methoxychlor  | 7.504  | 6.623 | 33857022 | 43856161 | 50.050   | 49.512     |
| 21)                         | B Endrin ke...  | 7.648  | 6.852 | 86594082 | 111.1E6  | 56.000   | 55.234     |
| 22)                         | Mirex           | 8.122  | 7.033 | 62292356 | 88849384 | 52.021   | 50.106     |
| 24)                         | Chlordane-2     | 5.263f | 4.374 | 101.0E6  | 406625   | 1313.288 | 5.425 #    |
| 25)                         | Chlordane-3     | 5.945  | 4.990 | 91218247 | 131.5E6  | 355.074  | 564.044 #  |
| 26)                         | Chlordane-4     | 6.024  | 5.053 | 91346507 | 121.4E6  | 308.440  | 582.219 #  |
| 27)                         | Chlordane-5     | 6.868  | 5.943 | 3413419  | 101.3E6  | 59.803   | 1413.663 # |
| -----                       |                 |        |       |          |          |          |            |

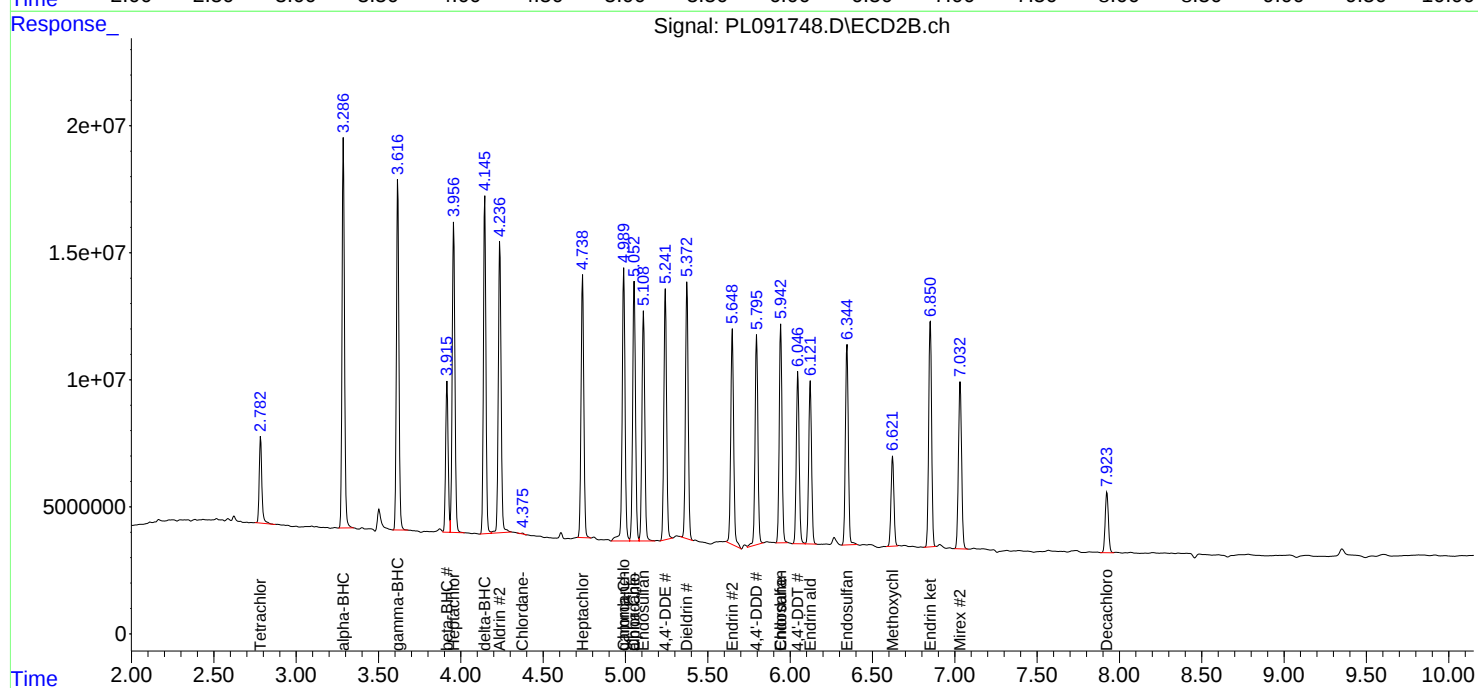
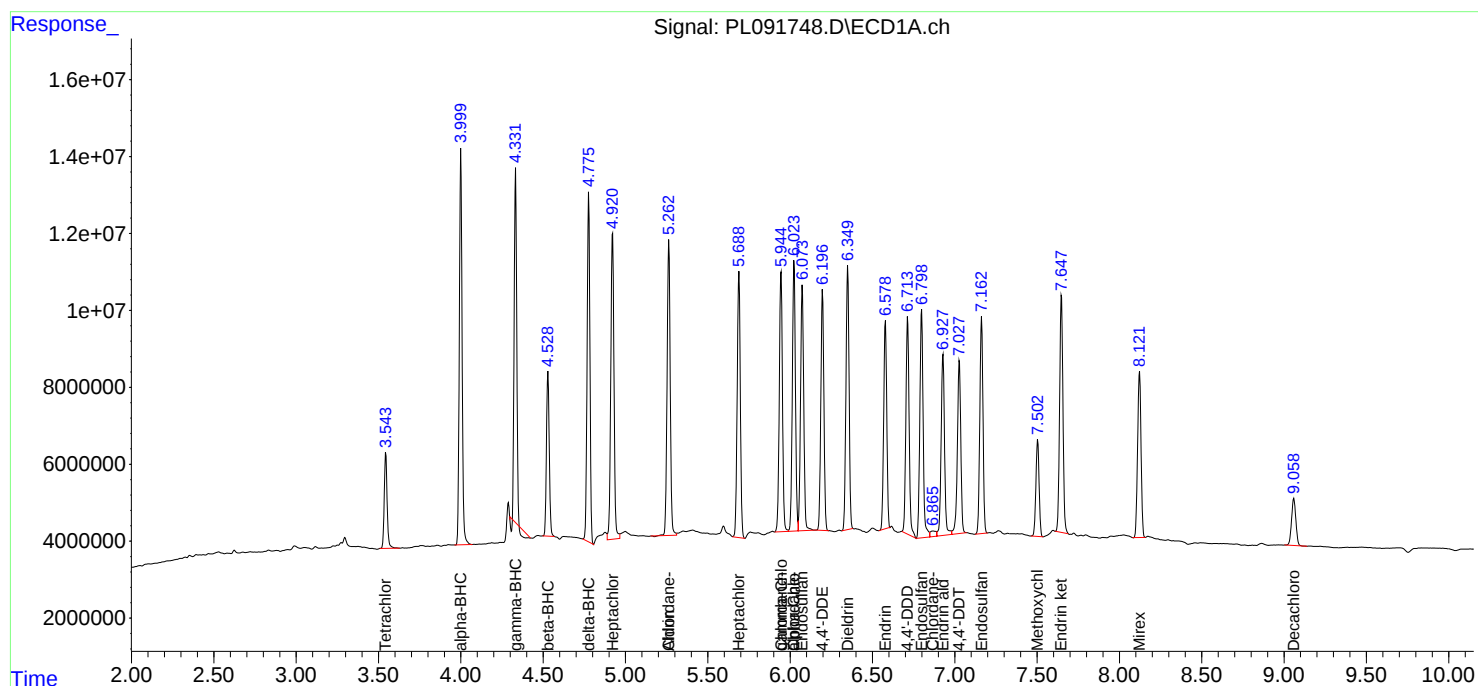
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

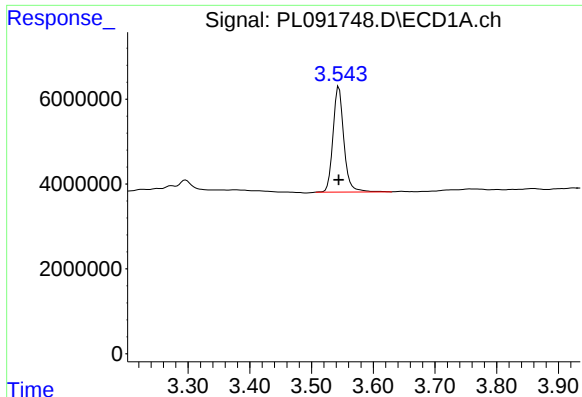
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091324\  
Data File : PL091748.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2024 20:00  
Operator : AR\AJ  
Sample : P3985-03MSD  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 03:49:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 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

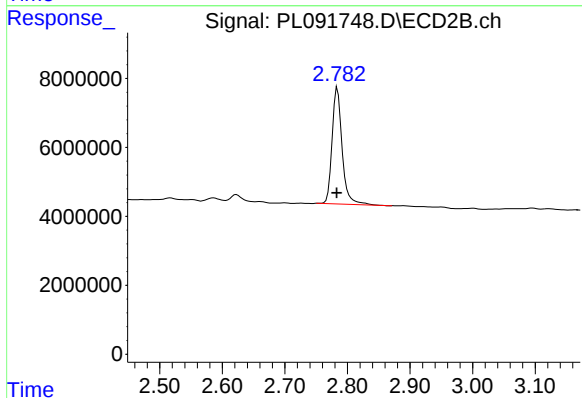




#1 Tetrachloro-m-xylene

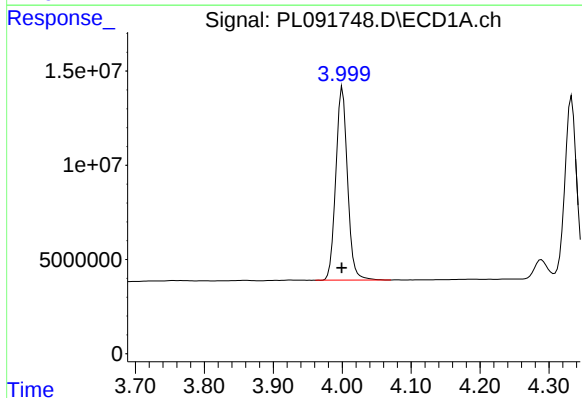
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 30386442  
Conc: 19.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



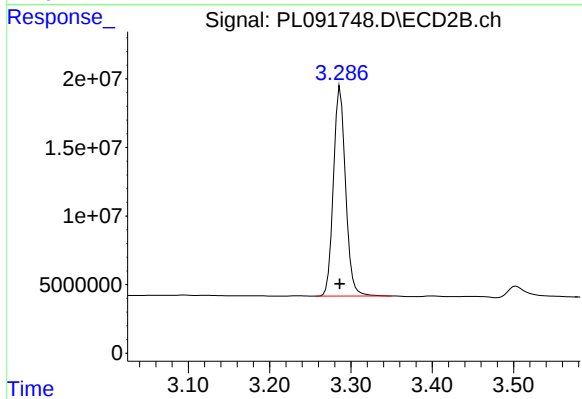
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.001 min  
Response: 37729543  
Conc: 20.17 ng/ml



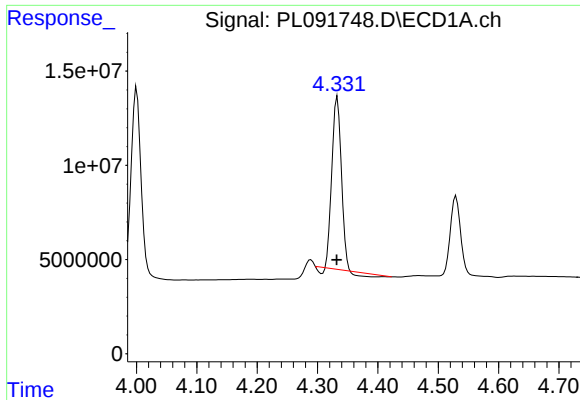
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 120727988  
Conc: 55.89 ng/ml



#2 alpha-BHC

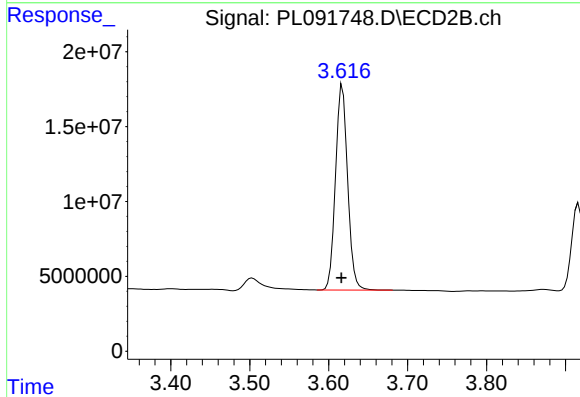
R.T.: 3.287 min  
Delta R.T.: 0.000 min  
Response: 158826591  
Conc: 59.72 ng/ml



#3 gamma-BHC (Lindane)

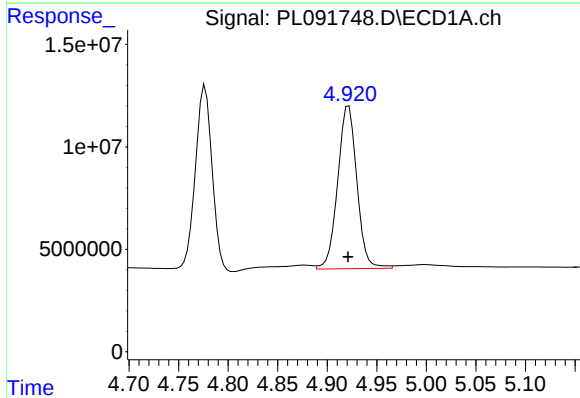
R.T.: 4.333 min  
Delta R.T.: 0.001 min  
Response: 95057734  
Conc: 46.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



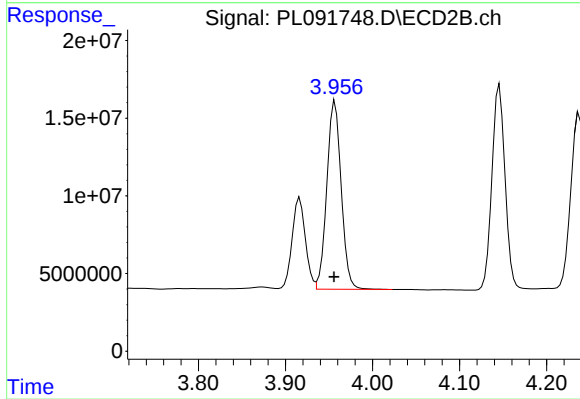
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.001 min  
Response: 146049810  
Conc: 59.38 ng/ml



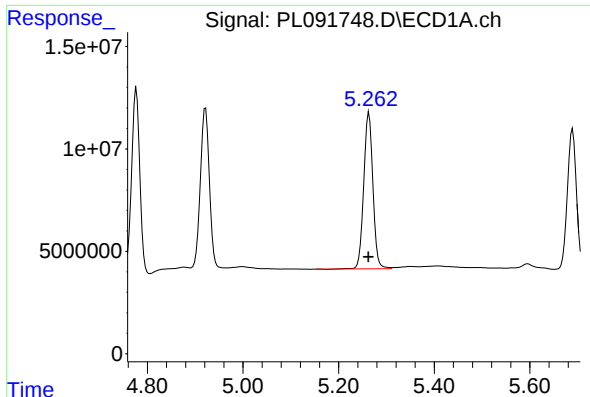
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 107310039  
Conc: 57.29 ng/ml



#4 Heptachlor

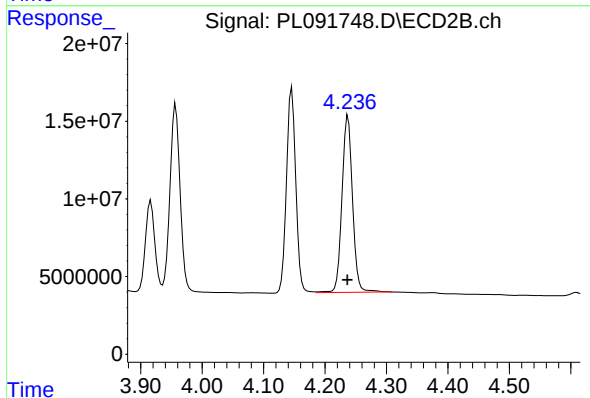
R.T.: 3.957 min  
Delta R.T.: 0.001 min  
Response: 138976794  
Conc: 57.71 ng/ml



#5 Aldrin

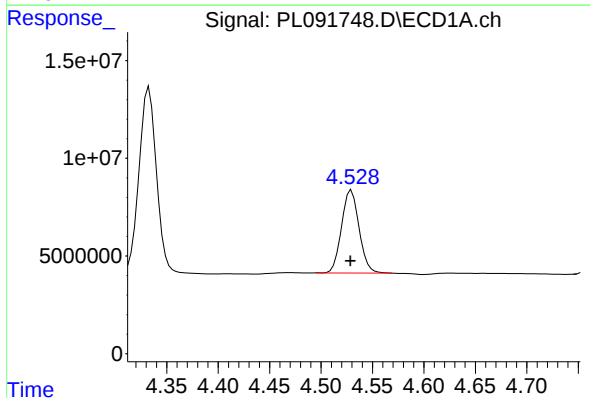
R.T.: 5.263 min  
Delta R.T.: 0.001 min  
Response: 100968448  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



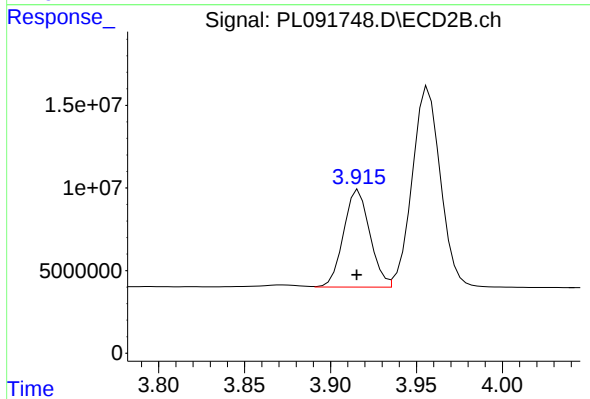
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: 0.001 min  
Response: 136145254  
Conc: 59.67 ng/ml



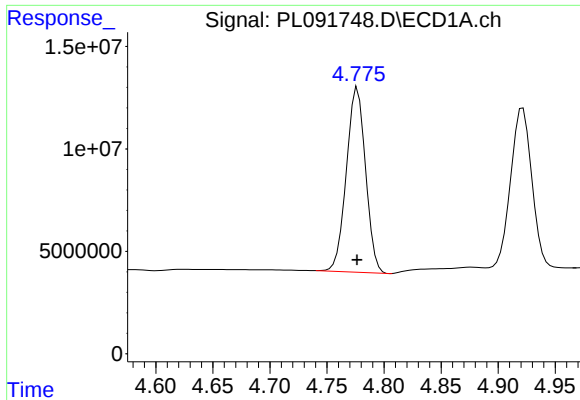
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.001 min  
Response: 50391209  
Conc: 55.37 ng/ml



#6 beta-BHC

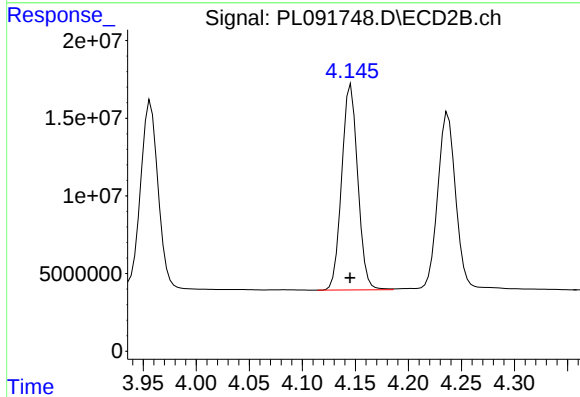
R.T.: 3.916 min  
Delta R.T.: 0.001 min  
Response: 62691329  
Conc: 57.39 ng/ml



#7 delta-BHC

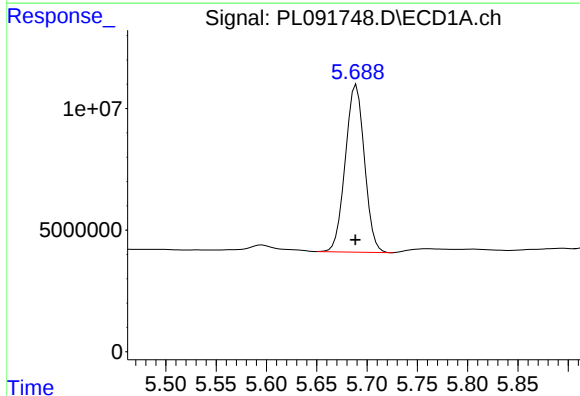
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 105454066  
Conc: 54.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



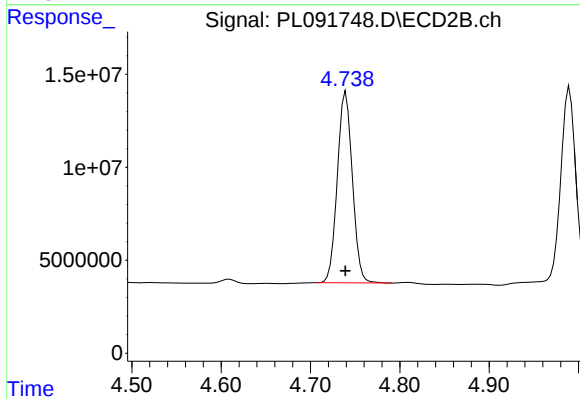
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 139215573  
Conc: 60.51 ng/ml



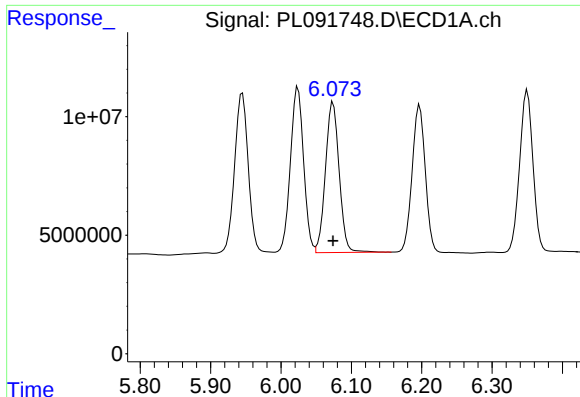
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 91006483  
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

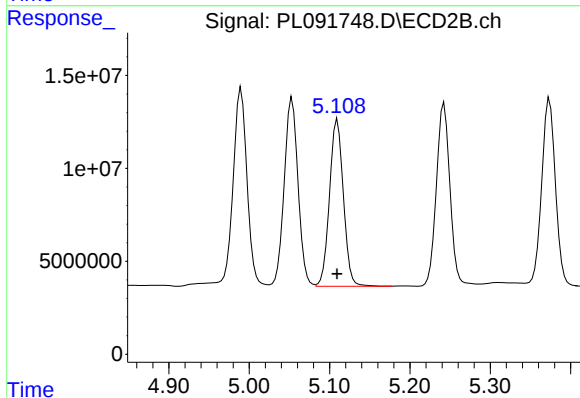
R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 120218910  
Conc: 57.04 ng/ml



#9 Endosulfan I

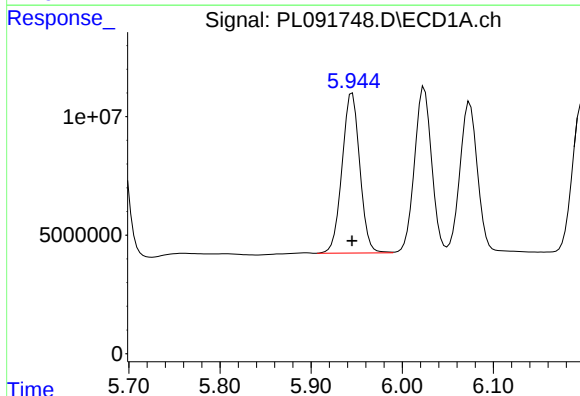
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 86025999  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



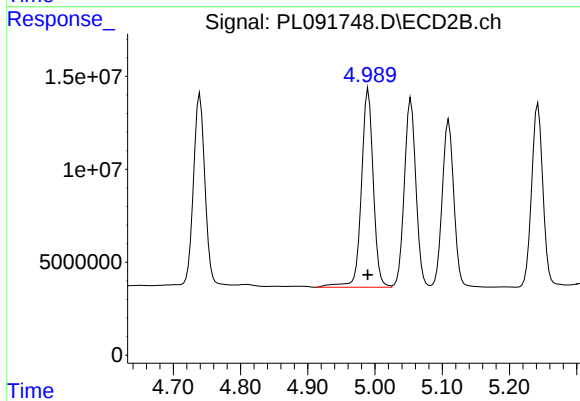
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 108142596  
Conc: 56.05 ng/ml



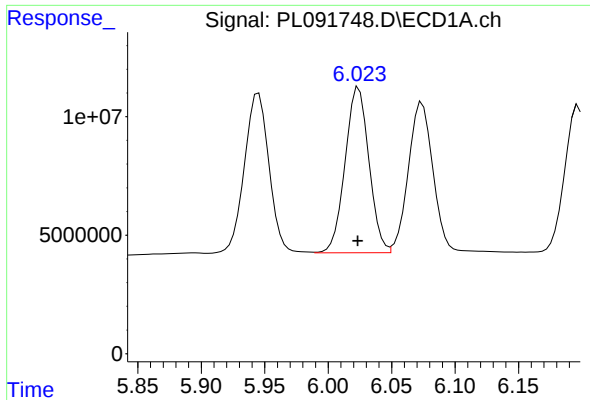
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 91218247  
Conc: 54.60 ng/ml



#10 gamma-Chlordane

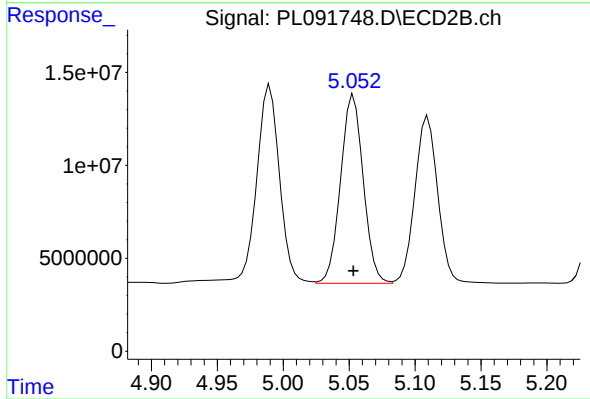
R.T.: 4.990 min  
Delta R.T.: 0.000 min  
Response: 131501805  
Conc: 59.62 ng/ml



#11 alpha-Chlordane

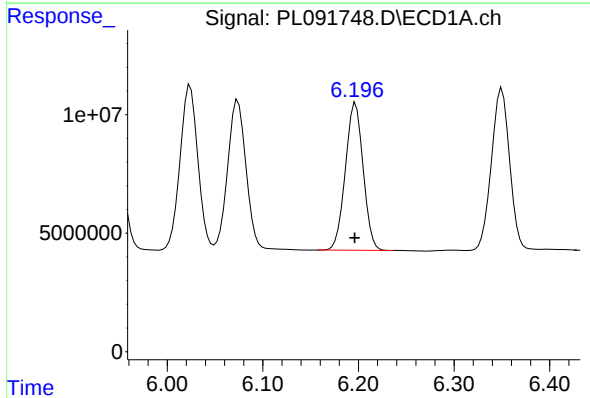
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 91346507  
Conc: 56.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



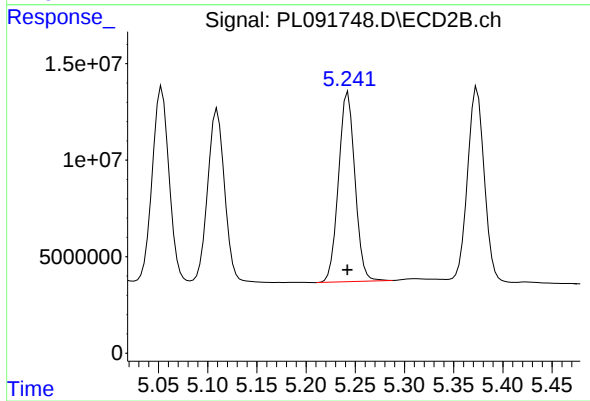
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 121411747  
Conc: 58.68 ng/ml



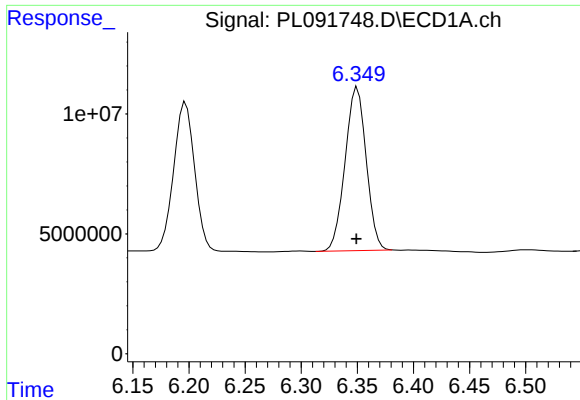
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 80639351  
Conc: 55.28 ng/ml



#12 4,4'-DDE

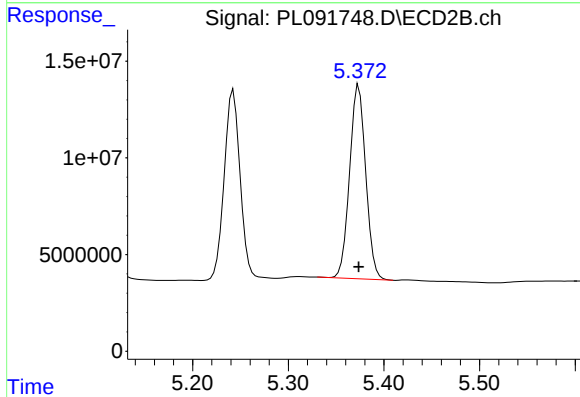
R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 114002354  
Conc: 60.11 ng/ml



#13 Dieldrin

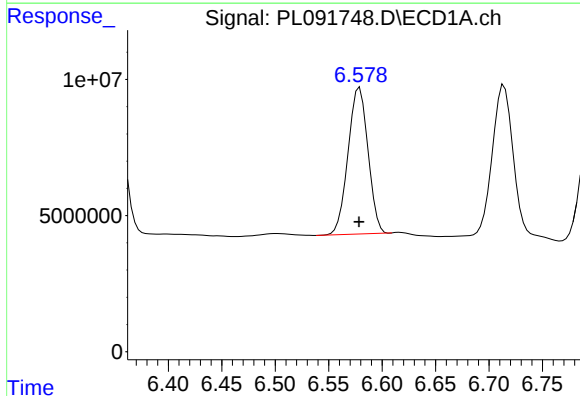
R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 89278538  
Conc: 54.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



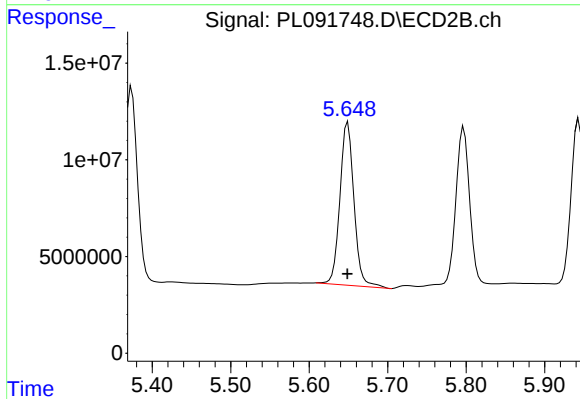
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.000 min  
Response: 117749691  
Conc: 57.29 ng/ml



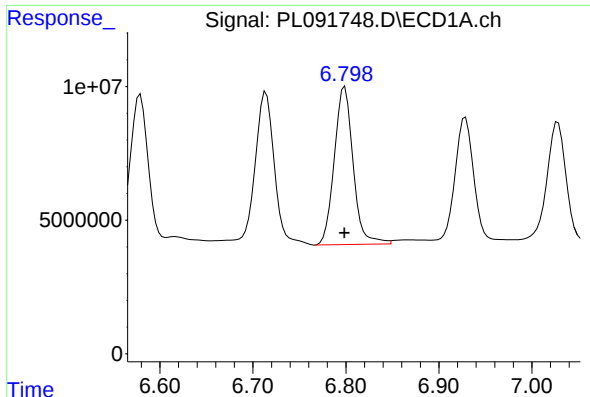
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 70043839  
Conc: 52.68 ng/ml



#14 Endrin

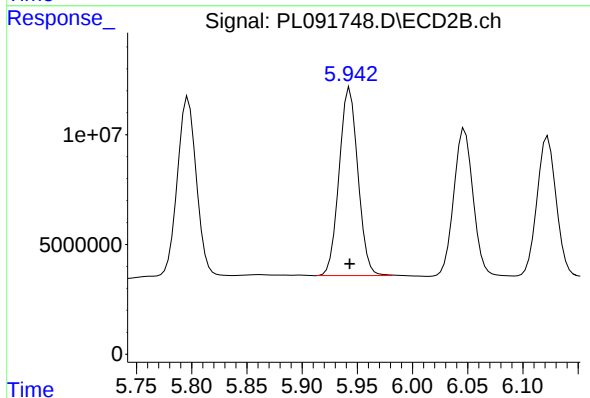
R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 105409970  
Conc: 55.86 ng/ml



#15 Endosulfan II

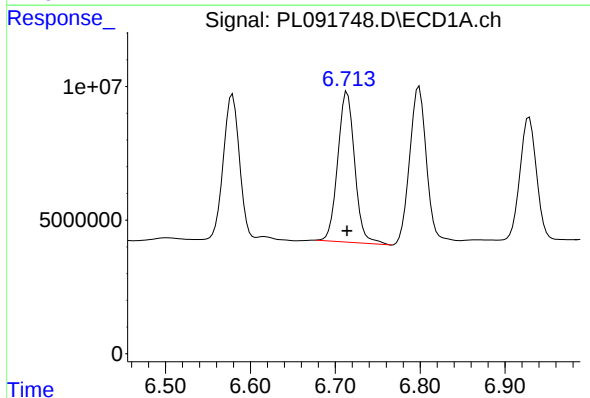
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 83256752  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



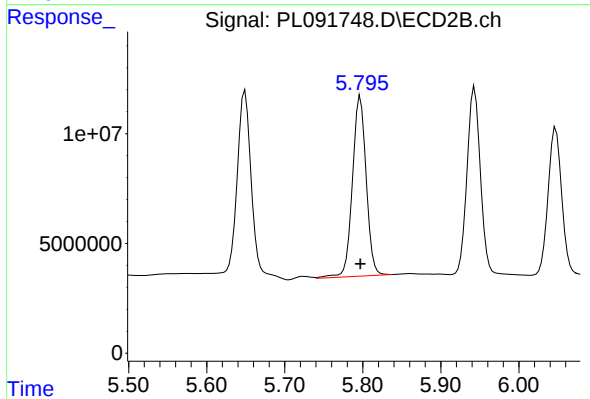
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 101303927  
Conc: 57.27 ng/ml



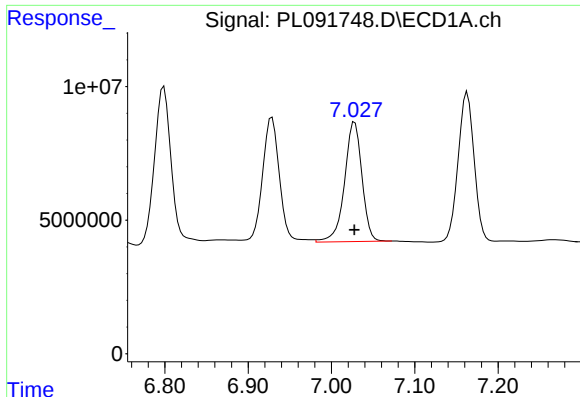
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 77992558  
Conc: 61.53 ng/ml



#16 4,4'-DDD

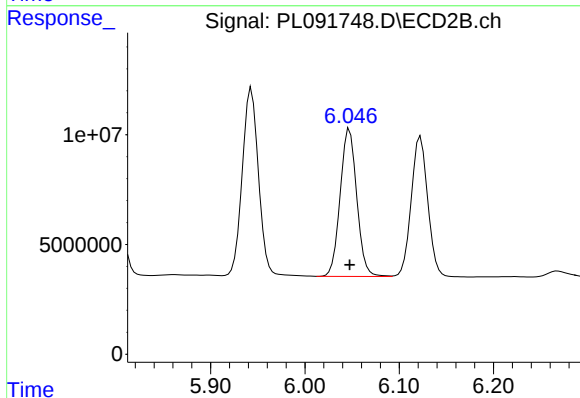
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 100395028  
Conc: 59.91 ng/ml



#17 4,4'-DDT

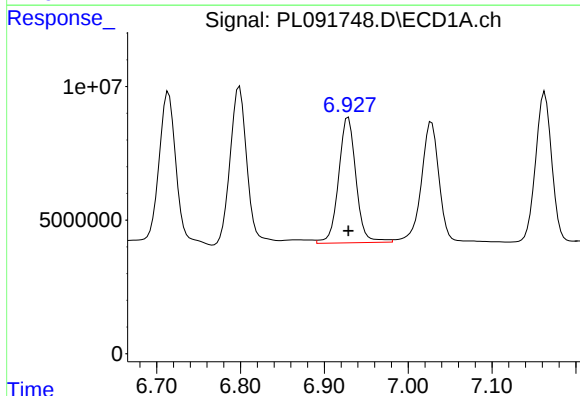
R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 64897457  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



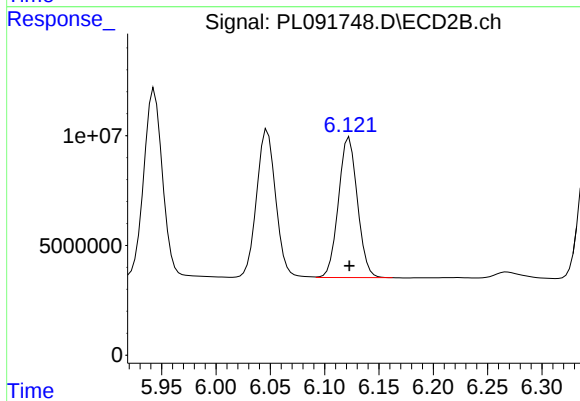
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 82326829  
Conc: 51.24 ng/ml



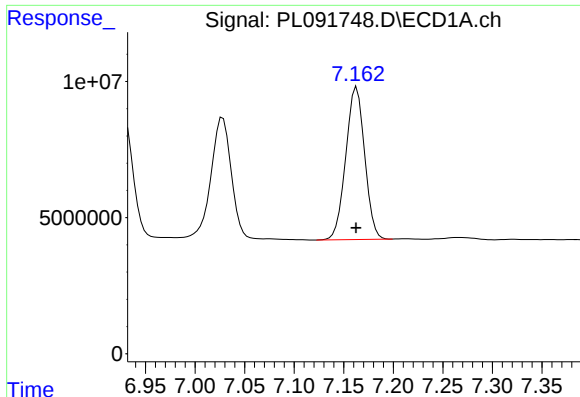
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 67821135  
Conc: 57.08 ng/ml



#18 Endrin aldehyde

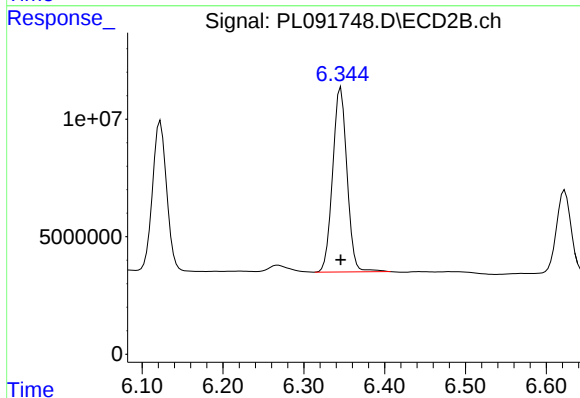
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 77641378  
Conc: 56.80 ng/ml



#19 Endosulfan Sulfate

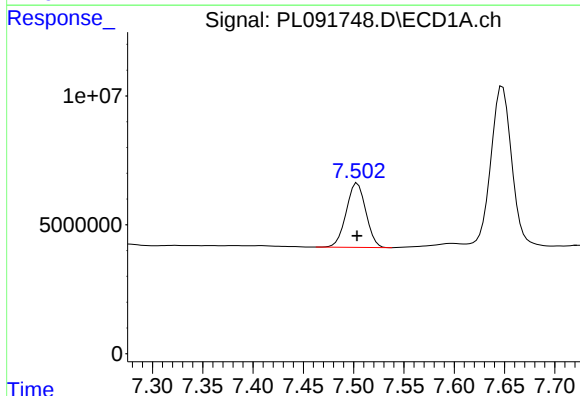
R.T.: 7.163 min  
Delta R.T.: 0.000 min  
Response: 74366889  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



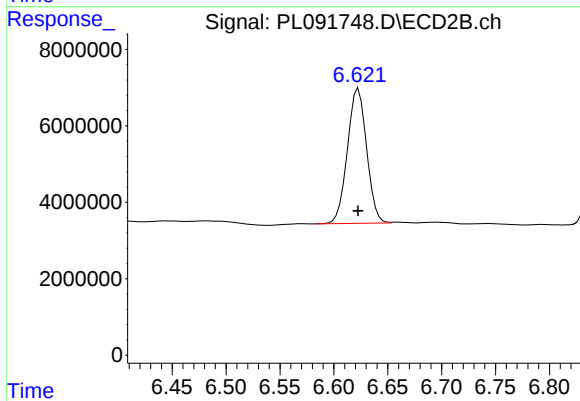
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 96879068  
Conc: 56.45 ng/ml



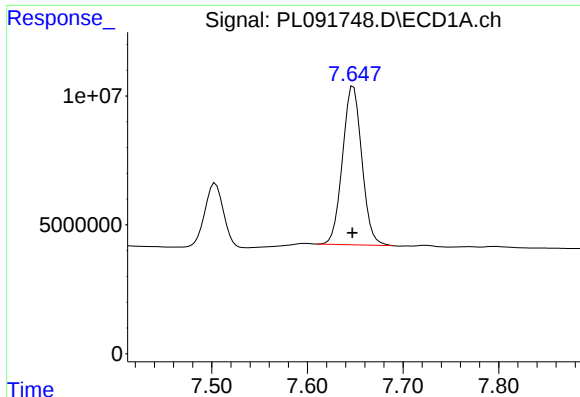
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.000 min  
Response: 33857022  
Conc: 50.05 ng/ml



#20 Methoxychlor

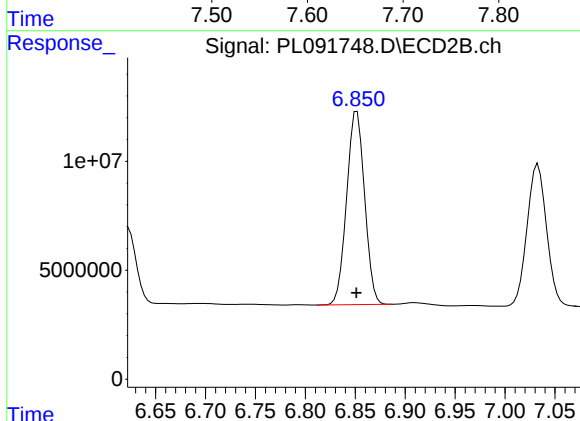
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 43856161  
Conc: 49.51 ng/ml



#21 Endrin ketone

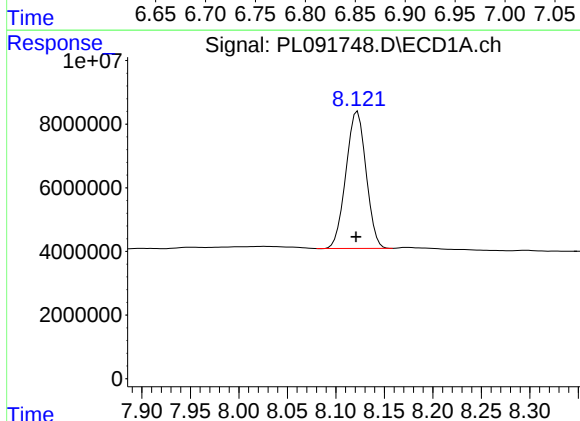
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 86594082  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



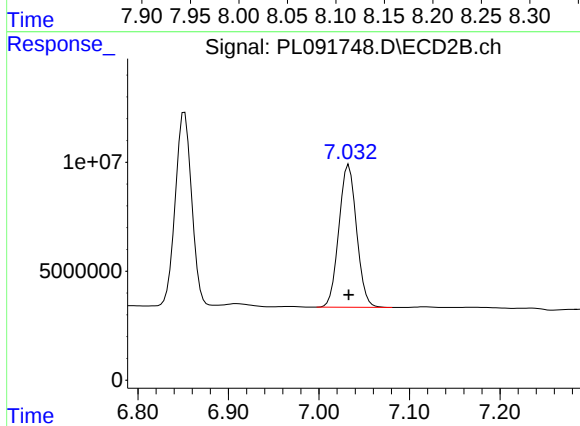
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 111097741  
Conc: 55.23 ng/ml



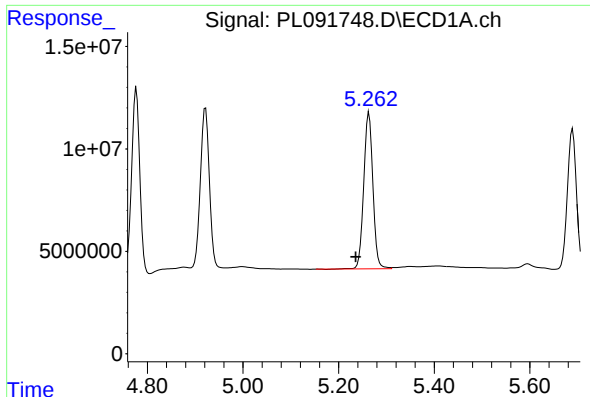
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.002 min  
Response: 62292356  
Conc: 52.02 ng/ml



#22 Mirex

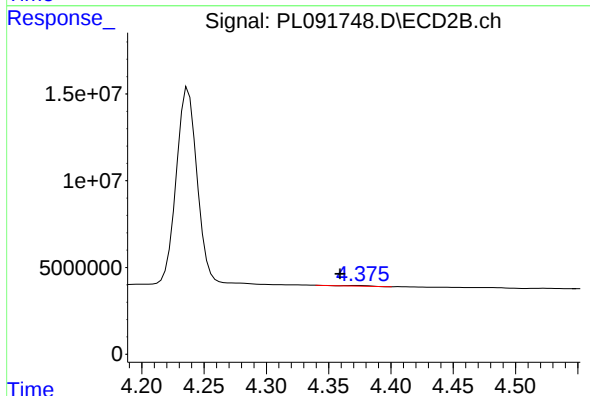
R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 88849384  
Conc: 50.11 ng/ml



#24 Chlordane-2

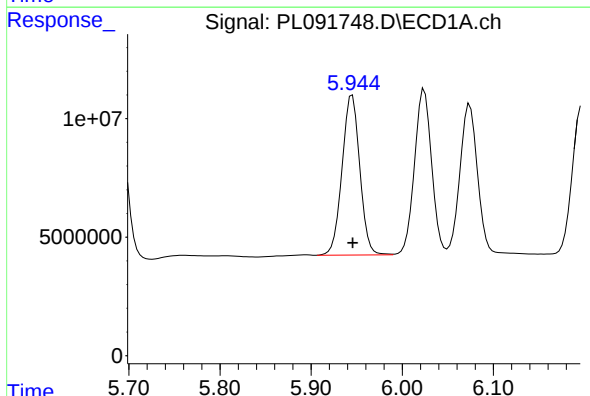
R.T.: 5.263 min  
Delta R.T.: 0.028 min  
Response: 100968448  
Conc: 1313.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



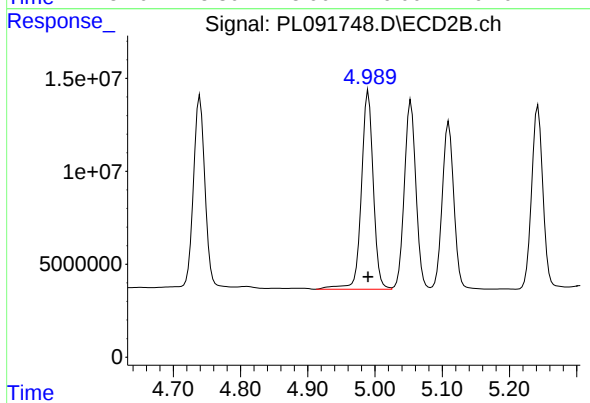
#24 Chlordane-2

R.T.: 4.374 min  
Delta R.T.: 0.015 min  
Response: 406625  
Conc: 5.43 ng/ml



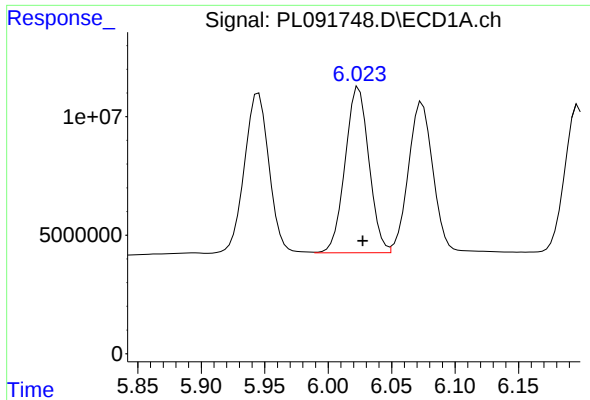
#25 Chlordane-3

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 91218247  
Conc: 355.07 ng/ml



#25 Chlordane-3

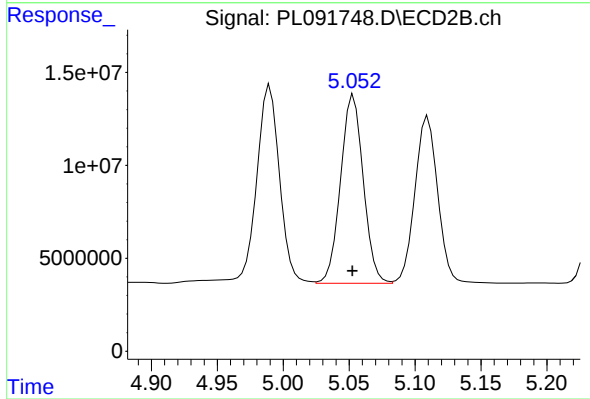
R.T.: 4.990 min  
Delta R.T.: 0.000 min  
Response: 131501805  
Conc: 564.04 ng/ml



#26 Chlordane-4

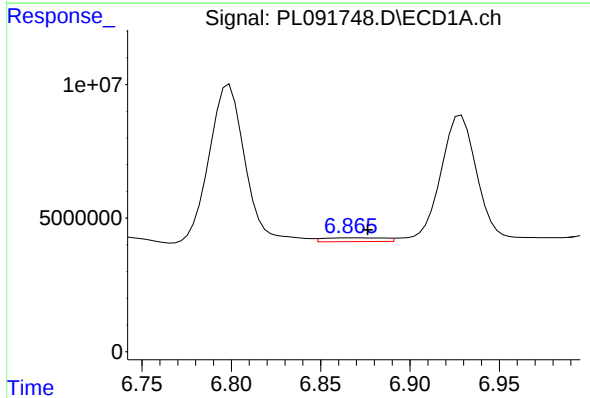
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 91346507  
Conc: 308.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



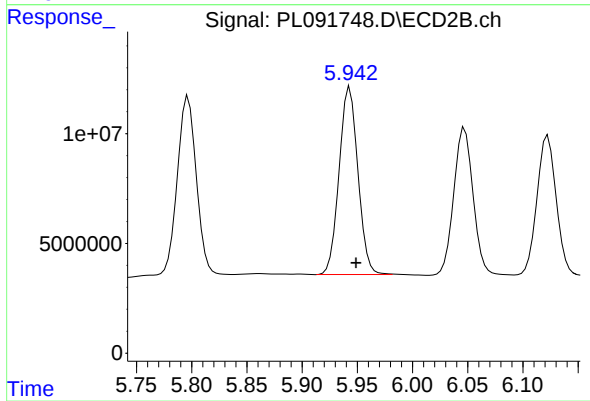
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: 0.001 min  
Response: 121411747  
Conc: 582.22 ng/ml



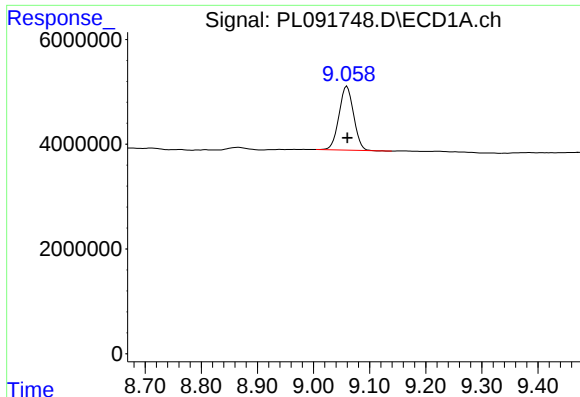
#27 Chlordane-5

R.T.: 6.868 min  
Delta R.T.: -0.009 min  
Response: 3413419  
Conc: 59.80 ng/ml



#27 Chlordane-5

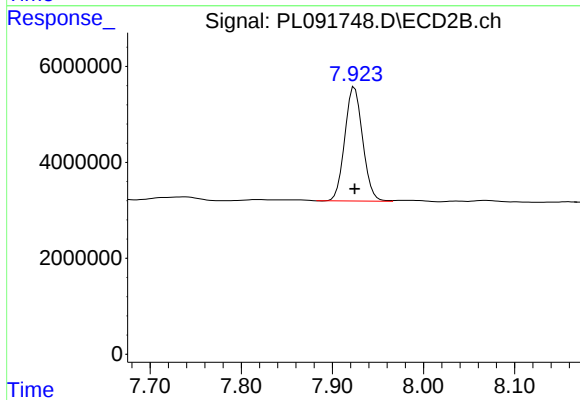
R.T.: 5.943 min  
Delta R.T.: -0.006 min  
Response: 101303927  
Conc: 1413.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 22066545  
Conc: 18.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7MSD



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: 0.000 min  
Response: 32405453  
Conc: 17.55 ng/ml