

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090824\  
 Data File : PL091566CC-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Sep 2024 18:23  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 21:51:38 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  | 2.783  | 98452637 | 109.1E6  | 45.852   | 55.872    |
| 28)                         | SA Decachlor... | 9.054  | 7.922  | 74361579 | 97563296 | 48.776   | 51.509    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.286  | 137.3E6  | 157.3E6  | 45.811   | 56.728    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.616  | 131.3E6  | 144.2E6  | 45.763   | 54.738    |
| 4)                          | MA Heptachlor   | 4.920  | 3.955  | 117.4E6  | 135.1E6  | 44.091   | 52.297    |
| 5)                          | MB Aldrin       | 5.261  | 4.235  | 114.1E6  | 129.3E6  | 44.206   | 52.594    |
| 6)                          | B beta-BHC      | 4.528  | 3.915  | 59687045 | 60859425 | 44.135   | 51.704    |
| 7)                          | B delta-BHC     | 4.775  | 4.144  | 116.6E6  | 134.7E6  | 42.832   | 53.158    |
| 8)                          | B Heptachlo...  | 5.687  | 4.738  | 105.1E6  | 117.8E6  | 42.972   | 52.227    |
| 9)                          | A Endosulfan I  | 6.072  | 5.108  | 100.1E6  | 106.8E6  | 44.602   | 50.604    |
| 10)                         | B gamma-Chl...  | 5.943  | 4.988  | 110.6E6  | 119.8E6  | 45.785   | 50.683    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.051  | 106.9E6  | 118.6E6  | 44.408   | 50.424    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.240  | 92998121 | 109.8E6  | 44.452   | 52.537    |
| 13)                         | MA Dieldrin     | 6.347  | 5.372  | 103.5E6  | 116.5E6  | 43.935   | 51.154    |
| 14)                         | MA Endrin       | 6.576  | 5.647  | 86098604 | 103.8E6  | 44.398   | 50.935    |
| 15)                         | B Endosulfa...  | 6.796  | 5.941  | 92334394 | 102.0E6  | 45.627   | 52.722    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.794  | 80421255 | 91831931 | 53.211   | 55.629    |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.045  | 78639006 | 87940619 | 44.302   | 49.505    |
| 18)                         | B Endrin al...  | 6.926  | 6.120  | 70881805 | 78146465 | 44.401   | 50.168    |
| 19)                         | B Endosulfa...  | 7.159  | 6.343  | 86815079 | 96999425 | 45.248   | 50.311    |
| 20)                         | A Methoxychlor  | 7.500  | 6.620  | 44917491 | 48306424 | 47.771   | 48.648    |
| 21)                         | B Endrin ke...  | 7.643  | 6.849  | 95230006 | 110.0E6  | 45.354   | 50.496    |
| 22)                         | Mirex           | 8.118  | 7.030  | 75823854 | 90552562 | 44.572   | 48.516    |
| 24)                         | Chlordane-2     | 5.261f | 4.373  | 114.1E6  | 1171825  | 1123.633 | 12.472 #  |
| 25)                         | Chlordane-3     | 5.943  | 4.988  | 110.6E6  | 119.8E6  | 318.538  | 493.387 # |
| 26)                         | Chlordane-4     | 6.022  | 5.051  | 106.9E6  | 118.6E6  | 254.208  | 508.756 # |
| 27)                         | Chlordane-5     | 0.000  | 5.741f | 0        | 395875   | N.D.     | 5.718 #   |
| -----                       |                 |        |        |          |          |          |           |

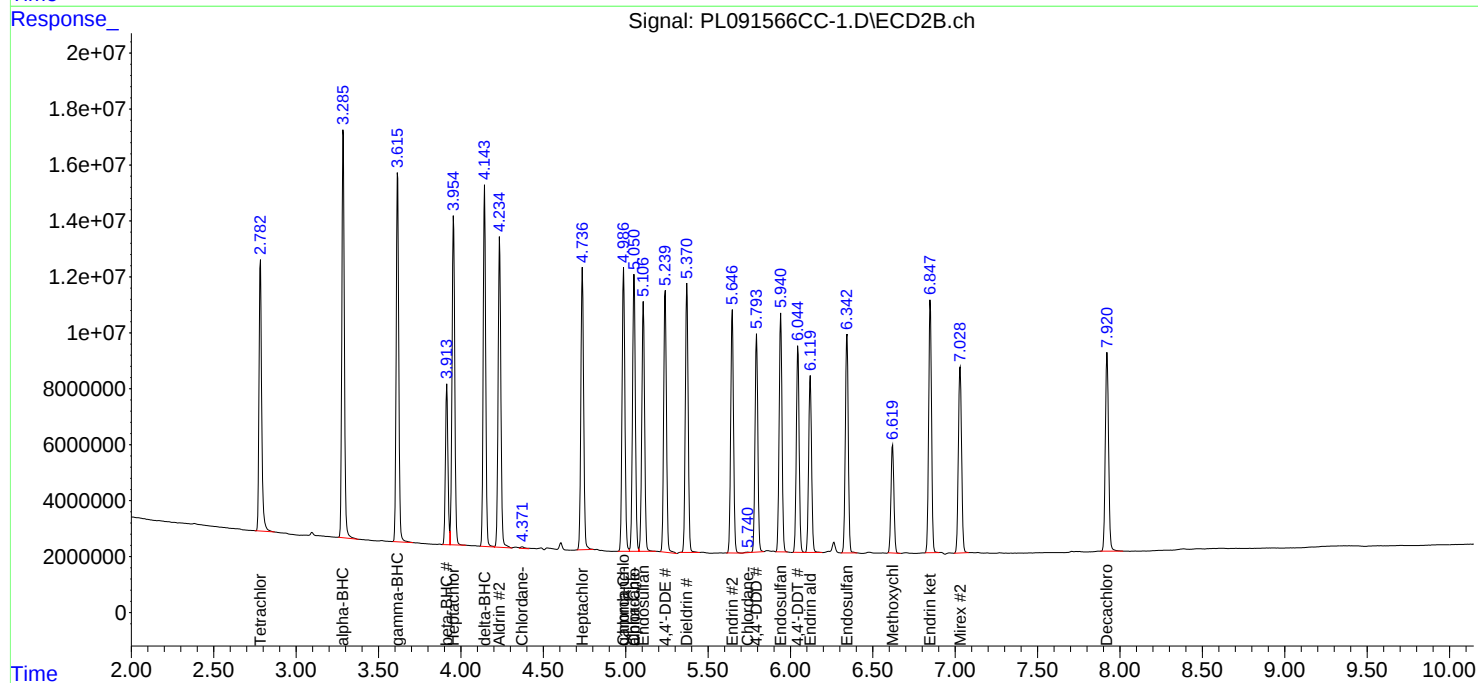
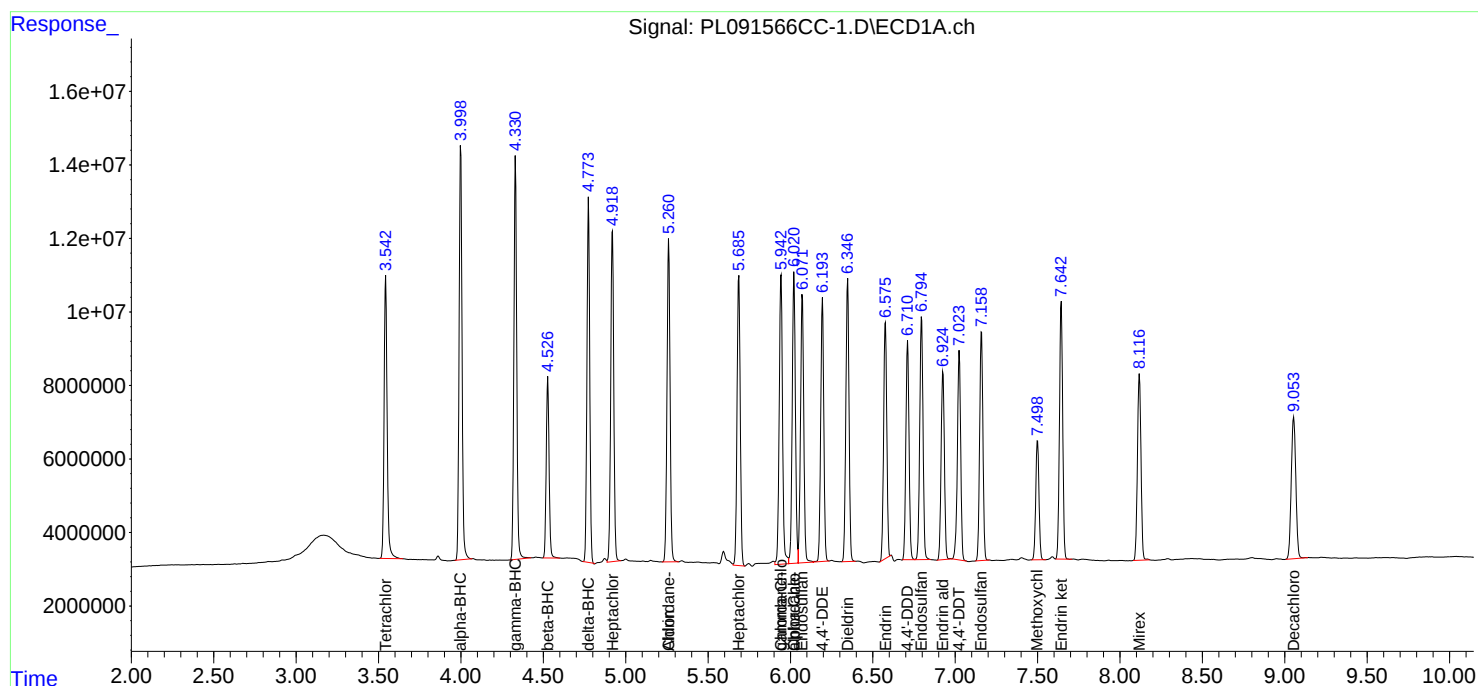
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

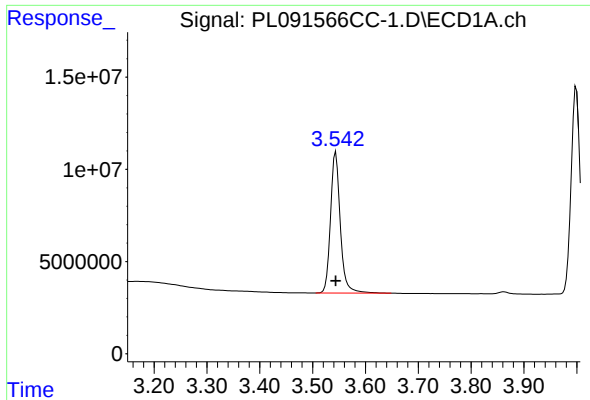
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090824\  
Data File : PL091566CC-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Sep 2024 18:23  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 21:51:38 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

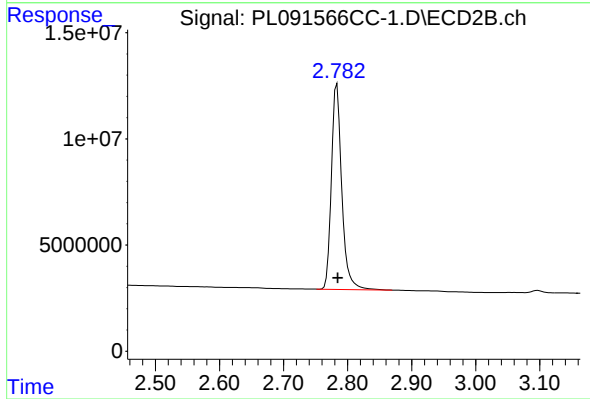




#1 Tetrachloro-m-xylene

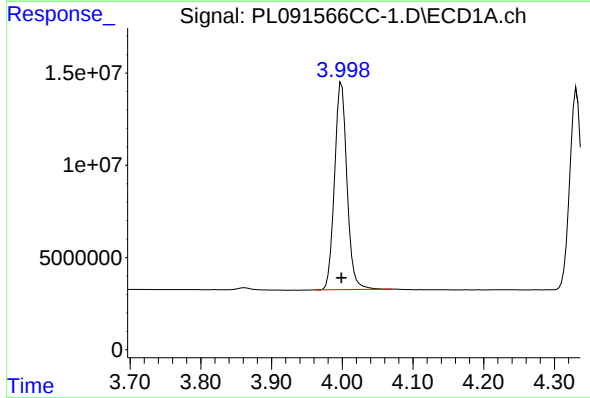
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 98452637  
Conc: 45.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



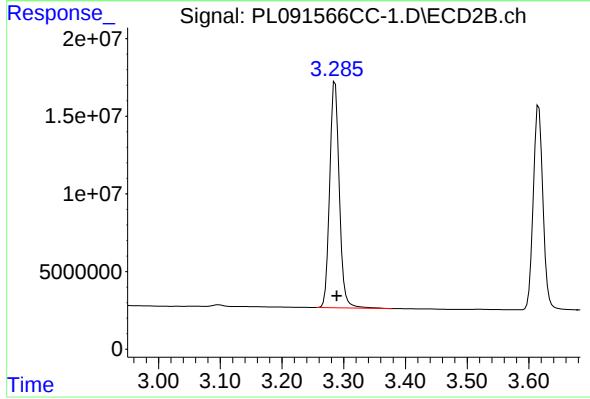
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: -0.001 min  
Response: 109061835  
Conc: 55.87 ng/ml



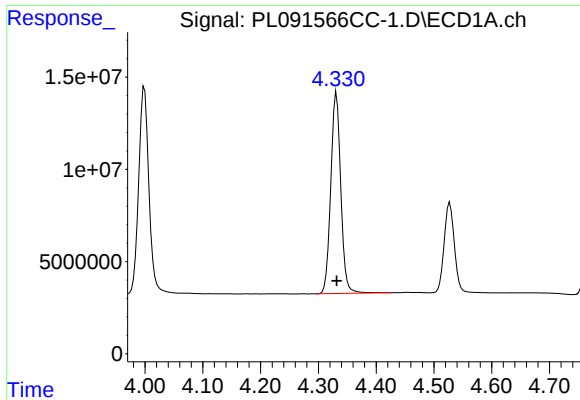
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 137332226  
Conc: 45.81 ng/ml



#2 alpha-BHC

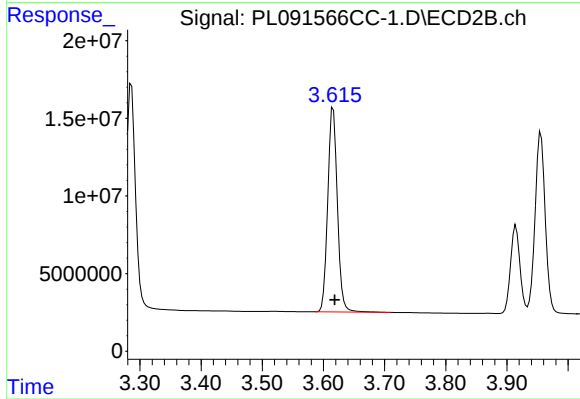
R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 157332909  
Conc: 56.73 ng/ml



#3 gamma-BHC (Lindane)

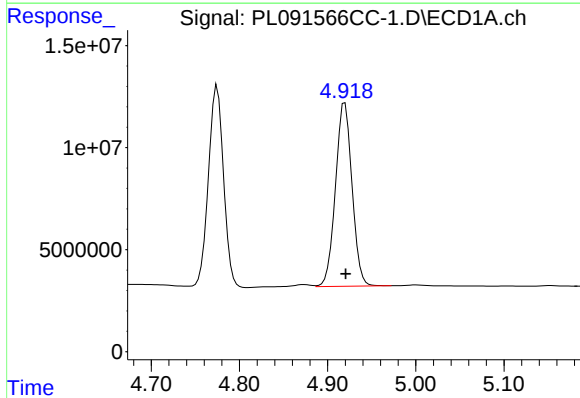
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 131277496  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



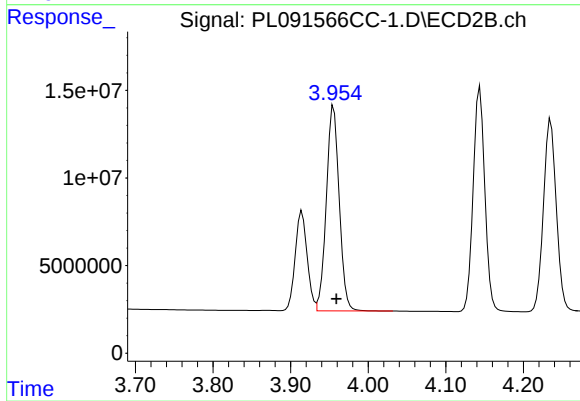
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: -0.002 min  
Response: 144176289  
Conc: 54.74 ng/ml



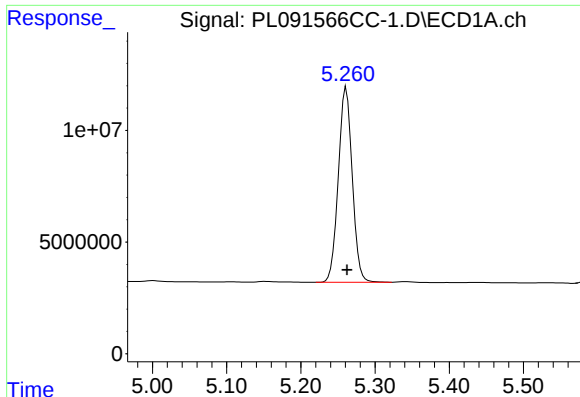
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 117414109  
Conc: 44.09 ng/ml



#4 Heptachlor

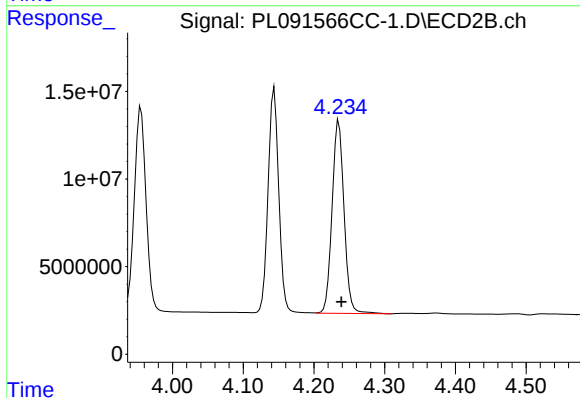
R.T.: 3.955 min  
Delta R.T.: -0.003 min  
Response: 135067916  
Conc: 52.30 ng/ml



#5 Aldrin

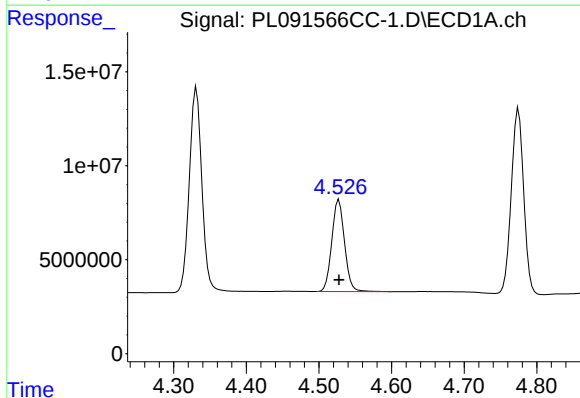
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 114090979  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



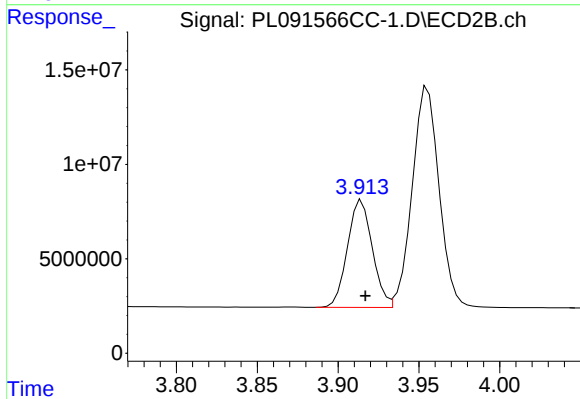
#5 Aldrin

R.T.: 4.235 min  
Delta R.T.: -0.004 min  
Response: 129337272  
Conc: 52.59 ng/ml



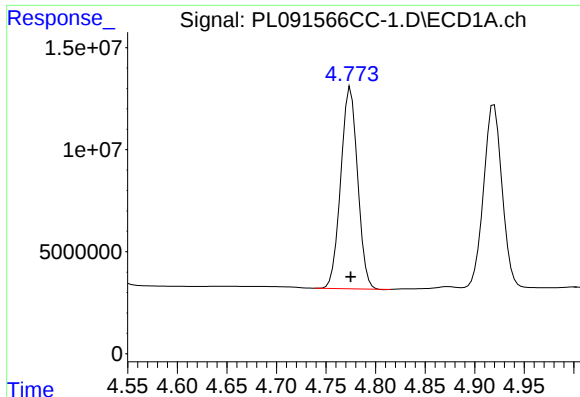
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 59687045  
Conc: 44.14 ng/ml



#6 beta-BHC

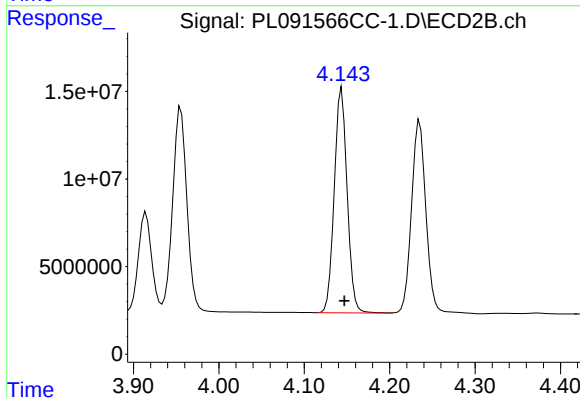
R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 60859425  
Conc: 51.70 ng/ml



#7 delta-BHC

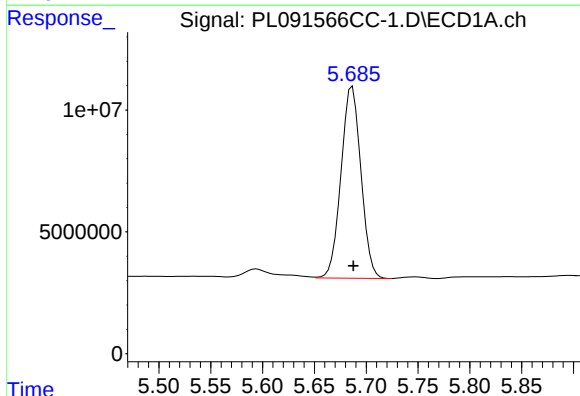
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 116610778  
Conc: 42.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



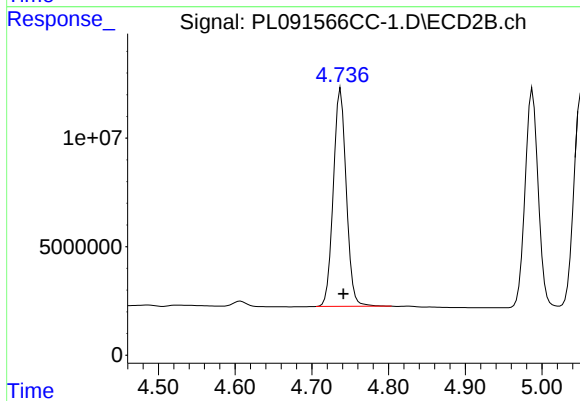
#7 delta-BHC

R.T.: 4.144 min  
Delta R.T.: -0.003 min  
Response: 134713845  
Conc: 53.16 ng/ml



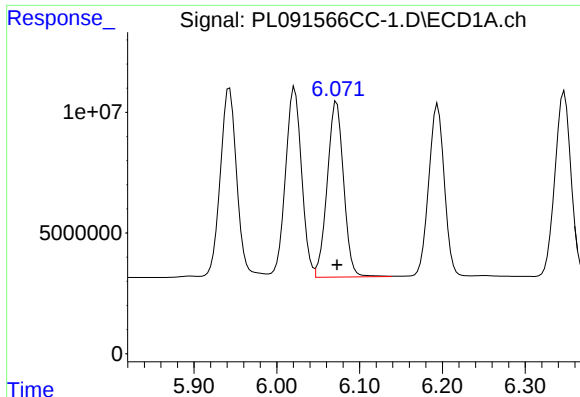
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.001 min  
Response: 105133775  
Conc: 42.97 ng/ml



#8 Heptachlor epoxide

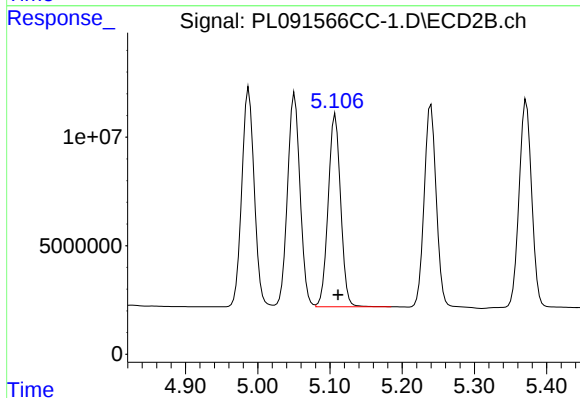
R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 117764373  
Conc: 52.23 ng/ml



#9 Endosulfan I

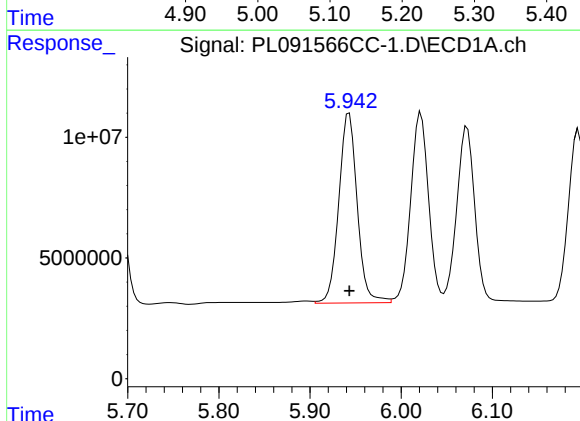
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 100146829  
Conc: 44.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



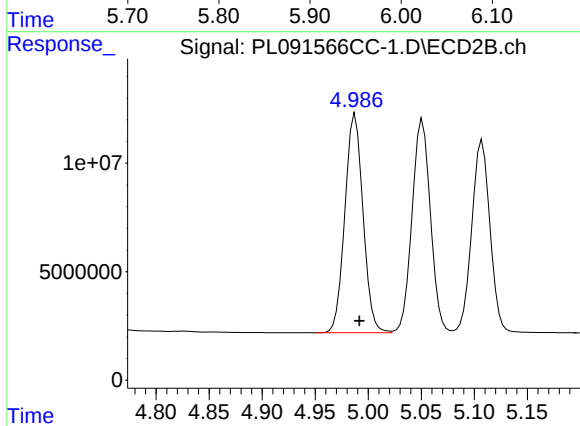
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 106782212  
Conc: 50.60 ng/ml



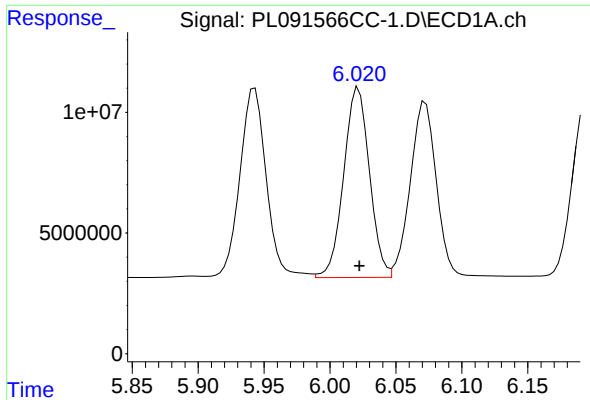
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 110636188  
Conc: 45.79 ng/ml



#10 gamma-Chlordane

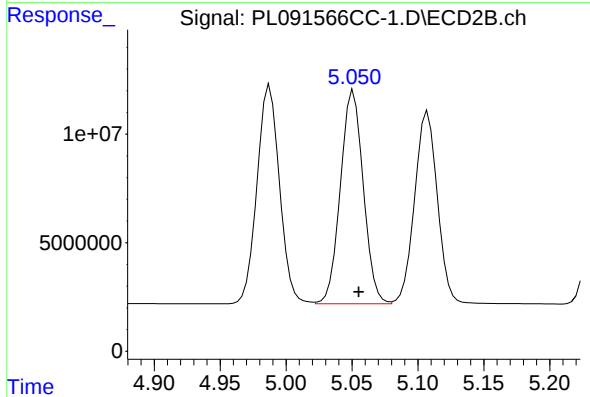
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 119811813  
Conc: 50.68 ng/ml



#11 alpha-Chlordane

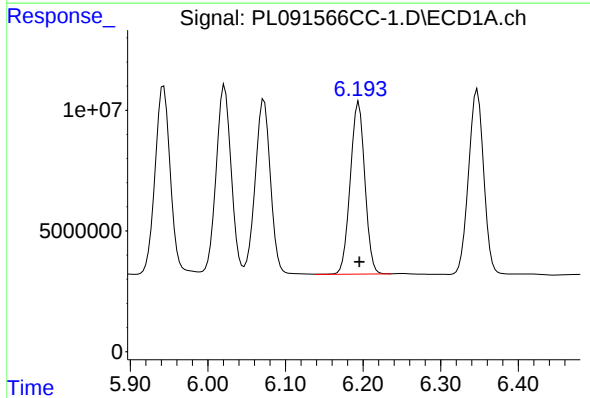
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 106922866  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



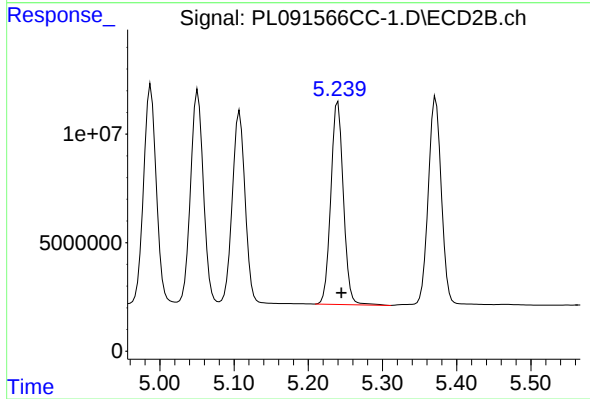
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.004 min  
Response: 118625801  
Conc: 50.42 ng/ml



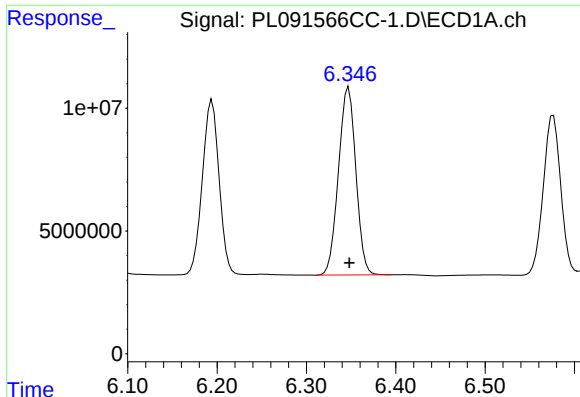
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 92998121  
Conc: 44.45 ng/ml



#12 4,4'-DDE

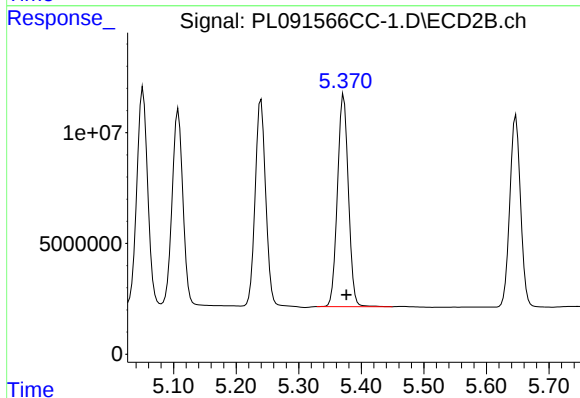
R.T.: 5.240 min  
Delta R.T.: -0.005 min  
Response: 109771657  
Conc: 52.54 ng/ml



#13 Dieldrin

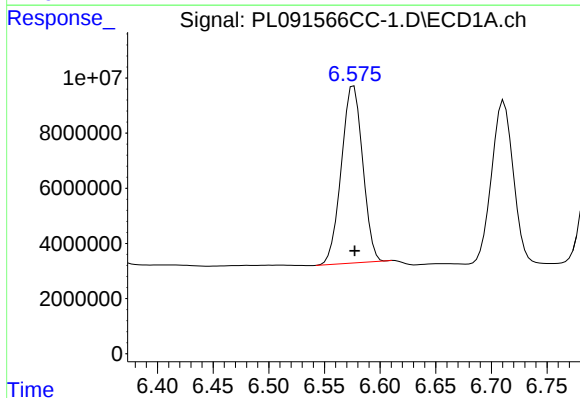
R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 103476849  
Conc: 43.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



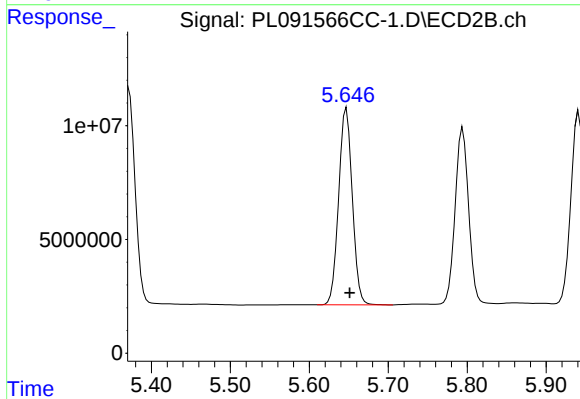
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.004 min  
Response: 116504103  
Conc: 51.15 ng/ml



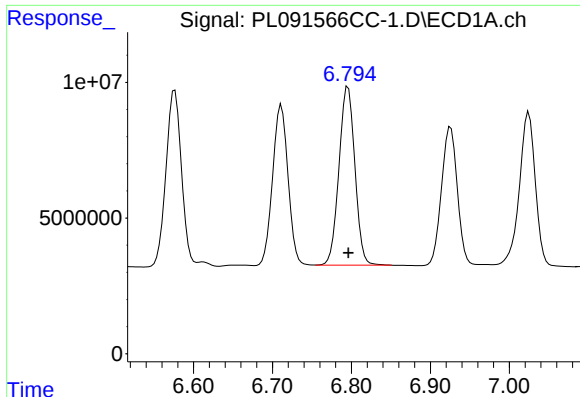
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 86098604  
Conc: 44.40 ng/ml



#14 Endrin

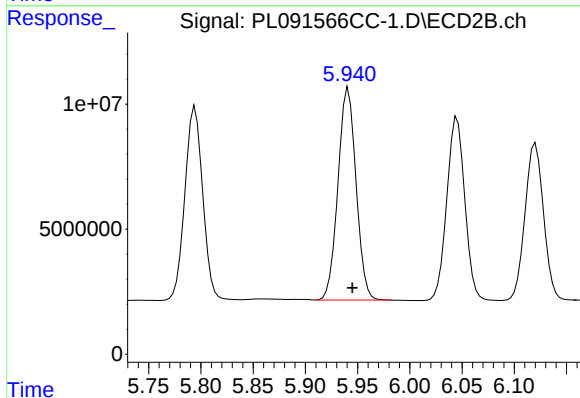
R.T.: 5.647 min  
Delta R.T.: -0.004 min  
Response: 103762072  
Conc: 50.94 ng/ml



#15 Endosulfan II

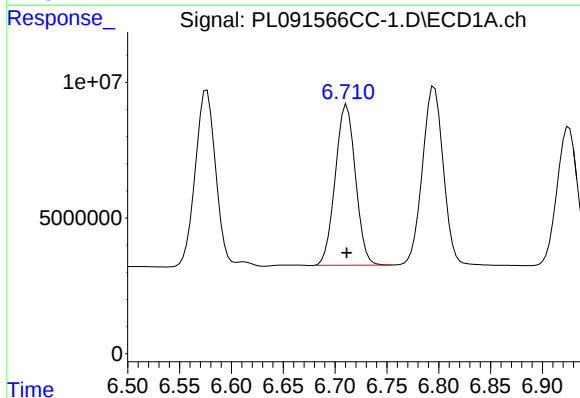
R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 92334394  
Conc: 45.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



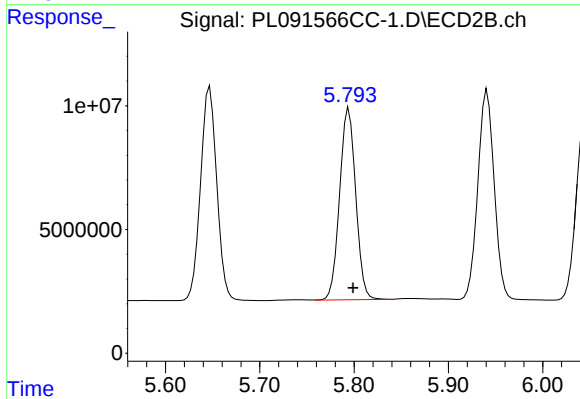
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 102001106  
Conc: 52.72 ng/ml



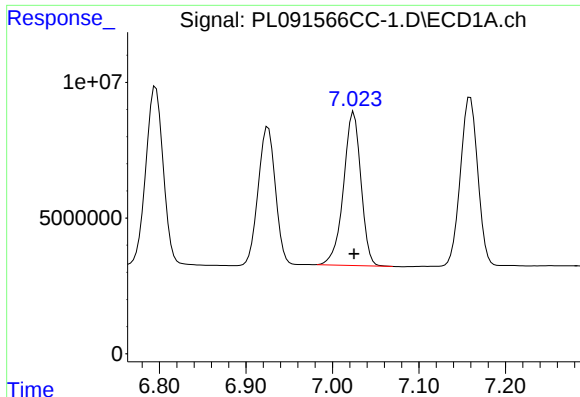
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 80421255  
Conc: 53.21 ng/ml



#16 4,4'-DDD

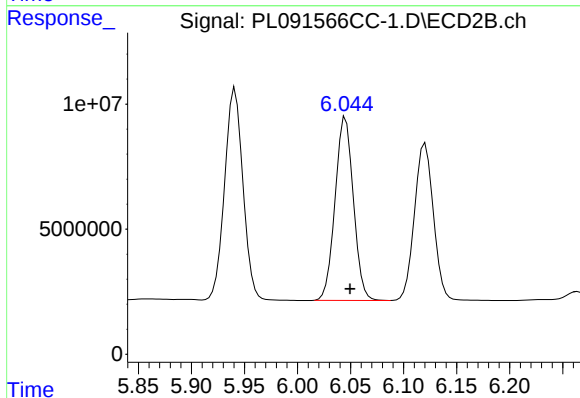
R.T.: 5.794 min  
Delta R.T.: -0.004 min  
Response: 91831931  
Conc: 55.63 ng/ml



#17 4,4'-DDT

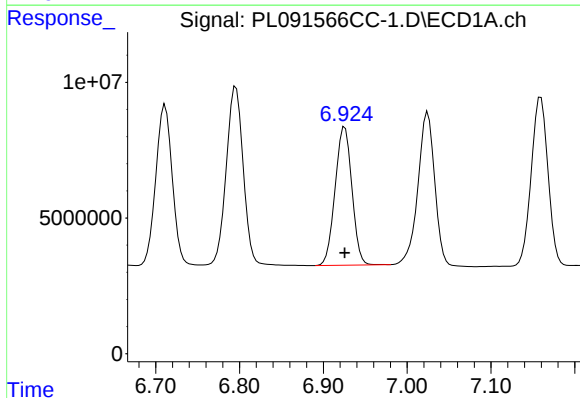
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 78639006  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



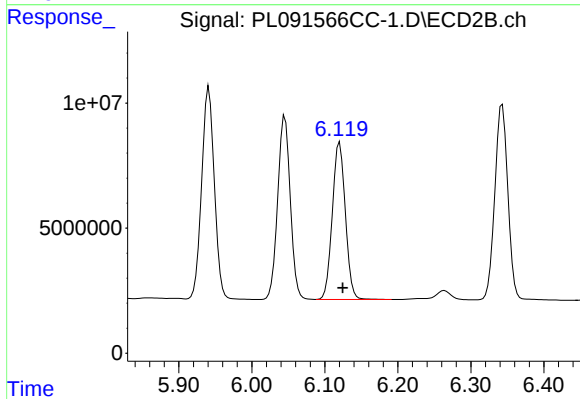
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.004 min  
Response: 87940619  
Conc: 49.50 ng/ml



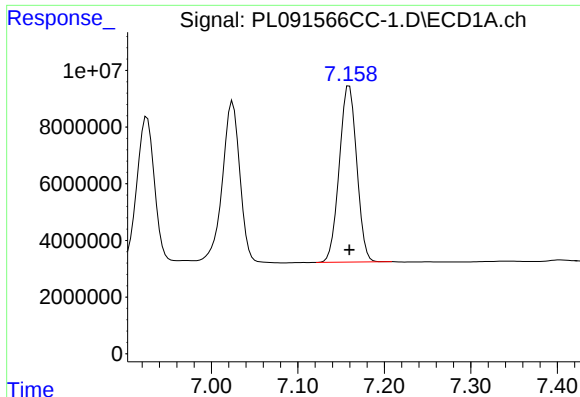
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 70881805  
Conc: 44.40 ng/ml



#18 Endrin aldehyde

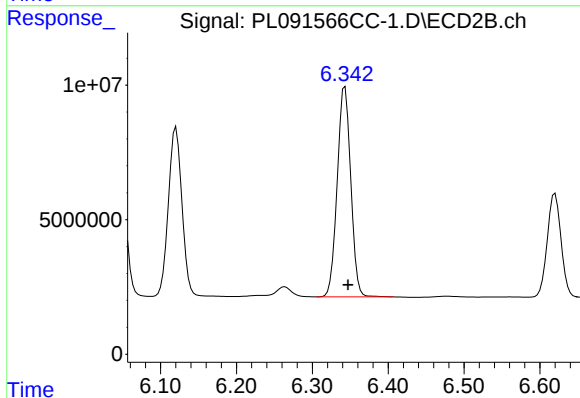
R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 78146465  
Conc: 50.17 ng/ml



#19 Endosulfan Sulfate

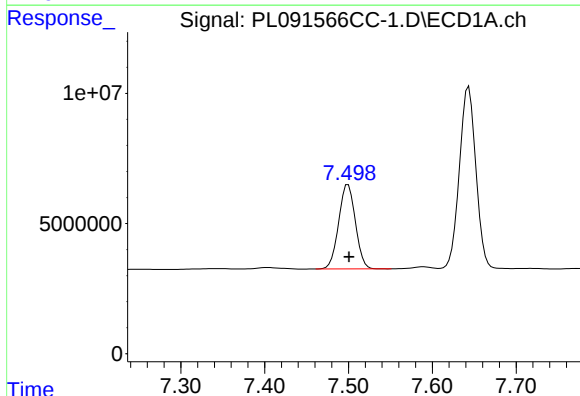
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 86815079  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



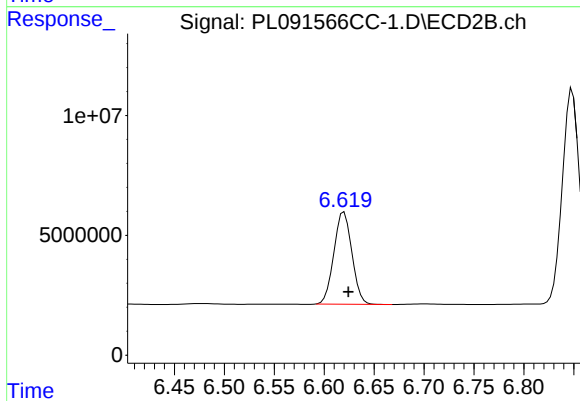
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.004 min  
Response: 96999425  
Conc: 50.31 ng/ml



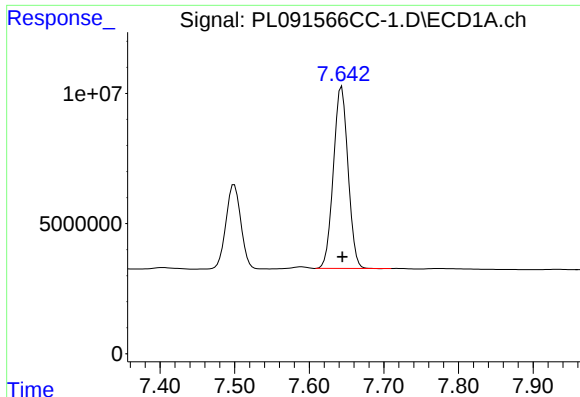
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.001 min  
Response: 44917491  
Conc: 47.77 ng/ml



#20 Methoxychlor

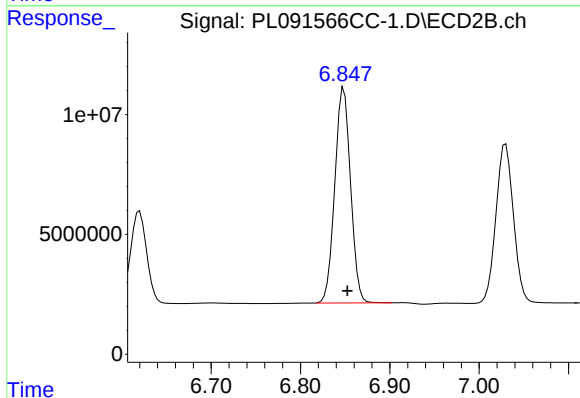
R.T.: 6.620 min  
Delta R.T.: -0.004 min  
Response: 48306424  
Conc: 48.65 ng/ml



#21 Endrin ketone

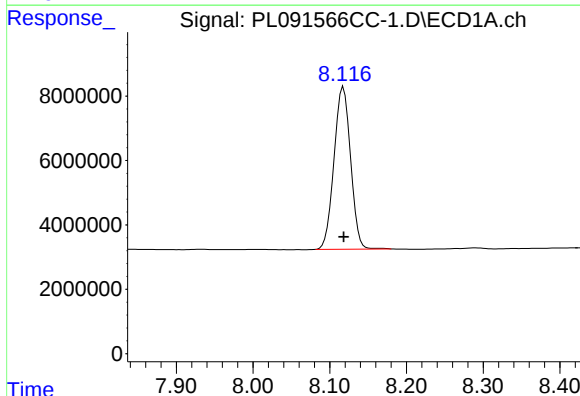
R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 95230006  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



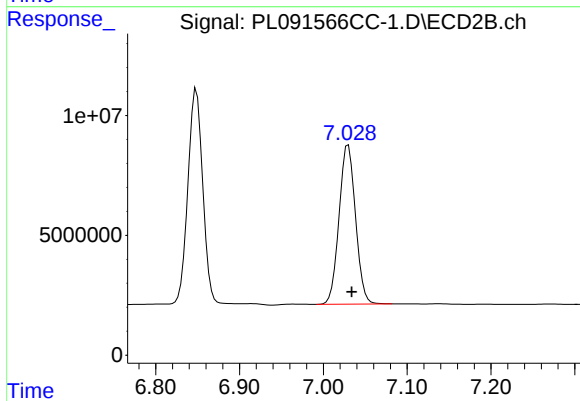
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.004 min  
Response: 109979424  
Conc: 50.50 ng/ml



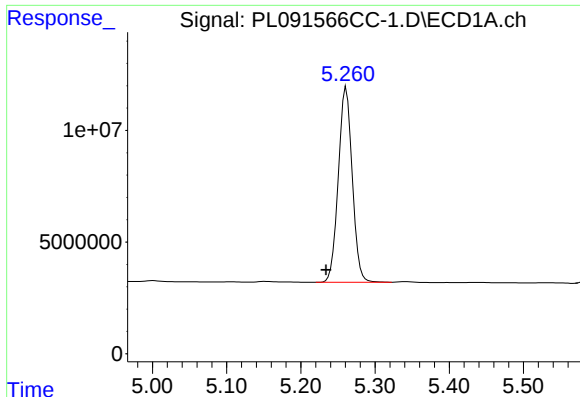
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 75823854  
Conc: 44.57 ng/ml



#22 Mirex

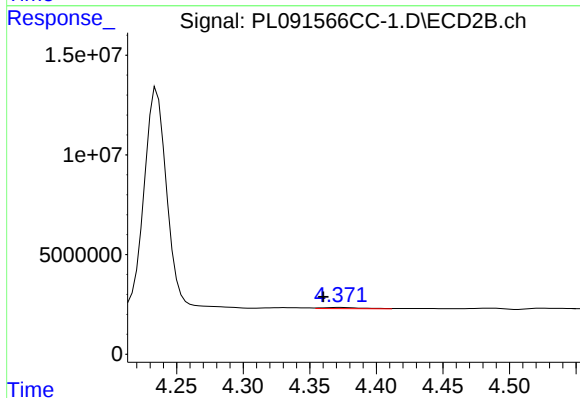
R.T.: 7.030 min  
Delta R.T.: -0.004 min  
Response: 90552562  
Conc: 48.52 ng/ml



#24 Chlordane-2

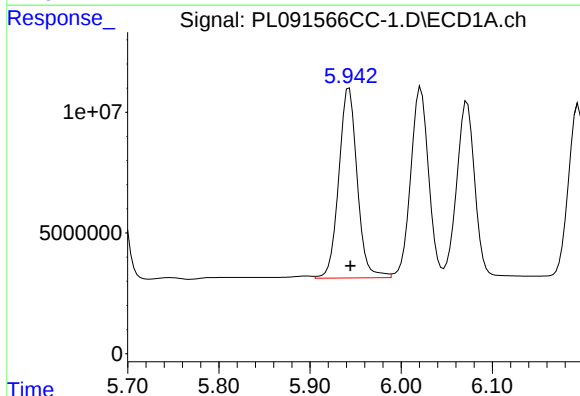
R.T.: 5.261 min  
Delta R.T.: 0.027 min  
Response: 114090979  
Conc: 1123.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



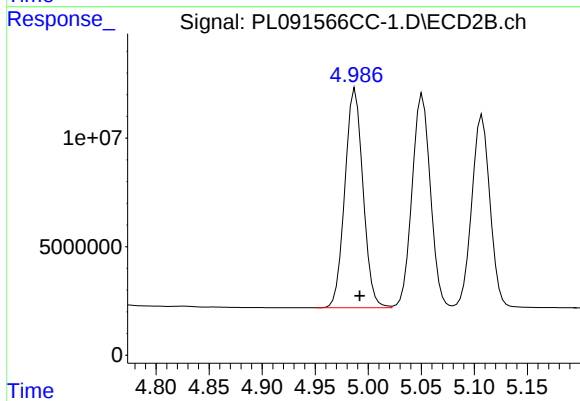
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.012 min  
Response: 1171825  
Conc: 12.47 ng/ml



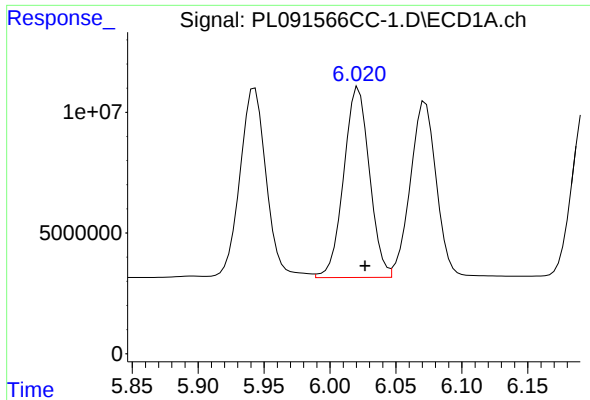
#25 Chlordane-3

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 110636188  
Conc: 318.54 ng/ml



#25 Chlordane-3

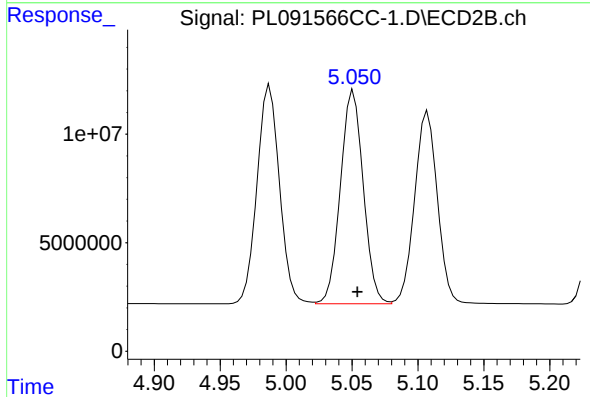
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 119811813  
Conc: 493.39 ng/ml



#26 Chlordane-4

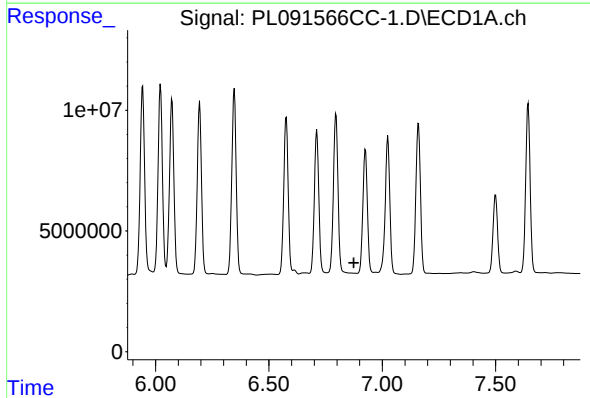
R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 106922866  
Conc: 254.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



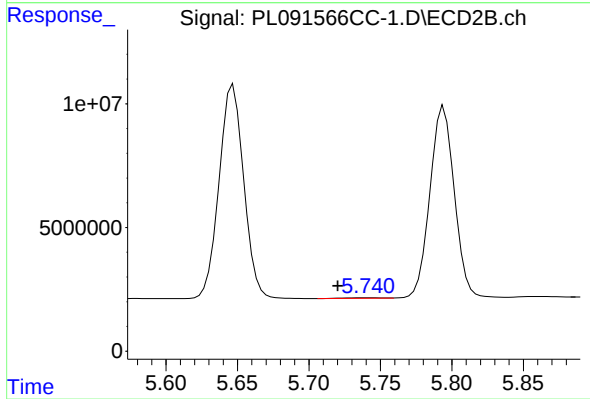
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 118625801  
Conc: 508.76 ng/ml



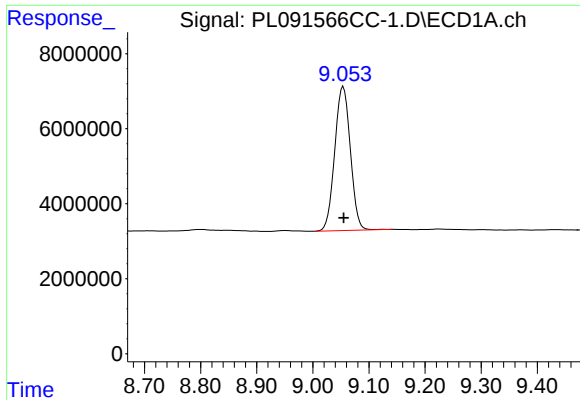
#27 Chlordane-5

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



#27 Chlordane-5

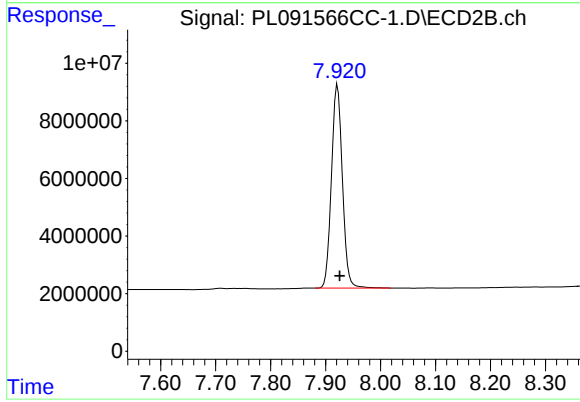
R.T.: 5.741 min  
Delta R.T.: 0.021 min  
Response: 395875  
Conc: 5.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: 0.000 min  
Response: 74361579  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.004 min  
Response: 97563296  
Conc: 51.51 ng/ml