

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092087.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 21:26  
 Operator : AR\AJ  
 Sample : PB163696BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 04:15:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.540  | 2.780 | 34186400 | 43876351 | 15.367  | 17.494    |
| 28)                         | SA Decachlor... | 9.059  | 7.921 | 23502529 | 40896190 | 14.346  | 16.346    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.283 | 118.3E6  | 155.6E6  | 38.192  | 42.722    |
| 3)                          | MA gamma-BHC... | 4.329  | 3.613 | 134.8E6  | 146.7E6  | 43.499  | 41.559    |
| 4)                          | MA Heptachlor   | 4.918  | 3.952 | 107.6E6  | 147.5E6  | 38.903  | 42.737    |
| 5)                          | MB Aldrin       | 5.259  | 4.232 | 103.2E6  | 139.8E6  | 37.160  | 41.102    |
| 6)                          | B beta-BHC      | 4.526  | 3.912 | 50959084 | 64816806 | 38.420  | 43.122    |
| 7)                          | B delta-BHC     | 4.773  | 4.141 | 85910279 | 111.1E6  | 29.786  | 31.997    |
| 8)                          | B Heptachlo...  | 5.686  | 4.735 | 93442550 | 127.1E6  | 36.716  | 42.042    |
| 9)                          | A Endosulfan I  | 6.071  | 5.104 | 86760369 | 116.9E6  | 37.503  | 42.574    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.985 | 97809243 | 129.6E6  | 39.580  | 43.092    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.049 | 94012480 | 127.3E6  | 38.165  | 42.524    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.237 | 84575065 | 123.8E6  | 39.075  | 44.568    |
| 13)                         | MA Dieldrin     | 6.347  | 5.369 | 91264418 | 124.6E6  | 37.421  | 42.509    |
| 14)                         | MA Endrin       | 6.577  | 5.644 | 71138794 | 105.8E6  | 34.522  | 40.339    |
| 15)                         | B Endosulfa...  | 6.796  | 5.939 | 80573903 | 107.1E6  | 36.629  | 42.806    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.792 | 68934767 | 99020657 | 38.388  | 46.353    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.043 | 69595086 | 96036558 | 37.799  | 41.517    |
| 18)                         | B Endrin al...  | 6.926  | 6.119 | 61578558 | 84126457 | 35.334  | 41.224    |
| 19)                         | B Endosulfa...  | 7.161  | 6.342 | 69855226 | 97332885 | 35.240  | 40.345    |
| 20)                         | A Methoxychlor  | 7.502  | 6.619 | 35580160 | 50406608 | 36.243  | 40.314    |
| 21)                         | B Endrin ke...  | 7.646  | 6.848 | 82347690 | 118.6E6  | 37.472  | 42.847    |
| 22)                         | Mirex           | 8.120  | 7.029 | 58753742 | 89990051 | 32.623  | 36.993    |
| 24)                         | Chlordane-2     | 5.259f | 4.369 | 103.2E6  | 620068   | 962.400 | 5.525 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.985 | 97809243 | 129.6E6  | 261.119 | 391.411 # |
| 26)                         | Chlordane-4     | 6.021  | 5.049 | 94012480 | 127.3E6  | 207.604 | 401.215 # |
| 27)                         | Chlordane-5     | 0.000  | 5.939 | 0        | 107.1E6  | N.D.    | 987.728 # |
| -----                       |                 |        |       |          |          |         |           |

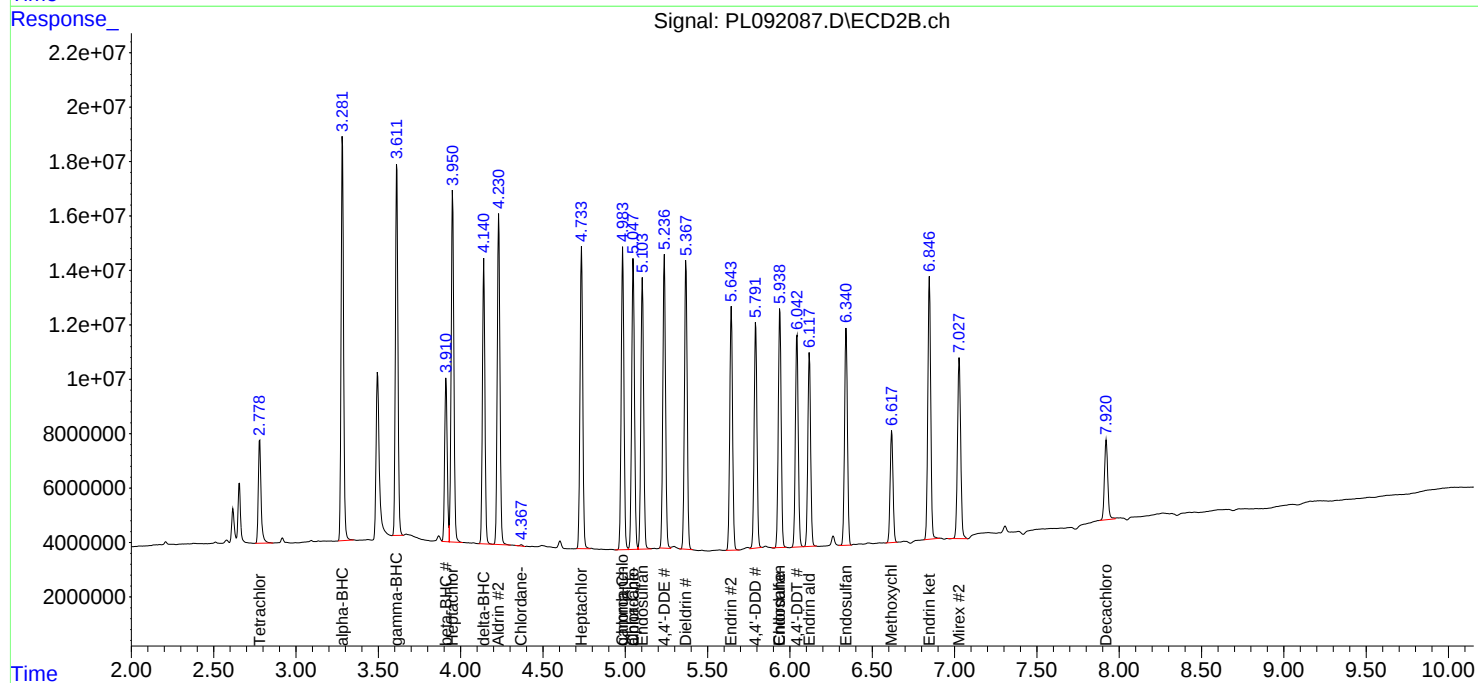
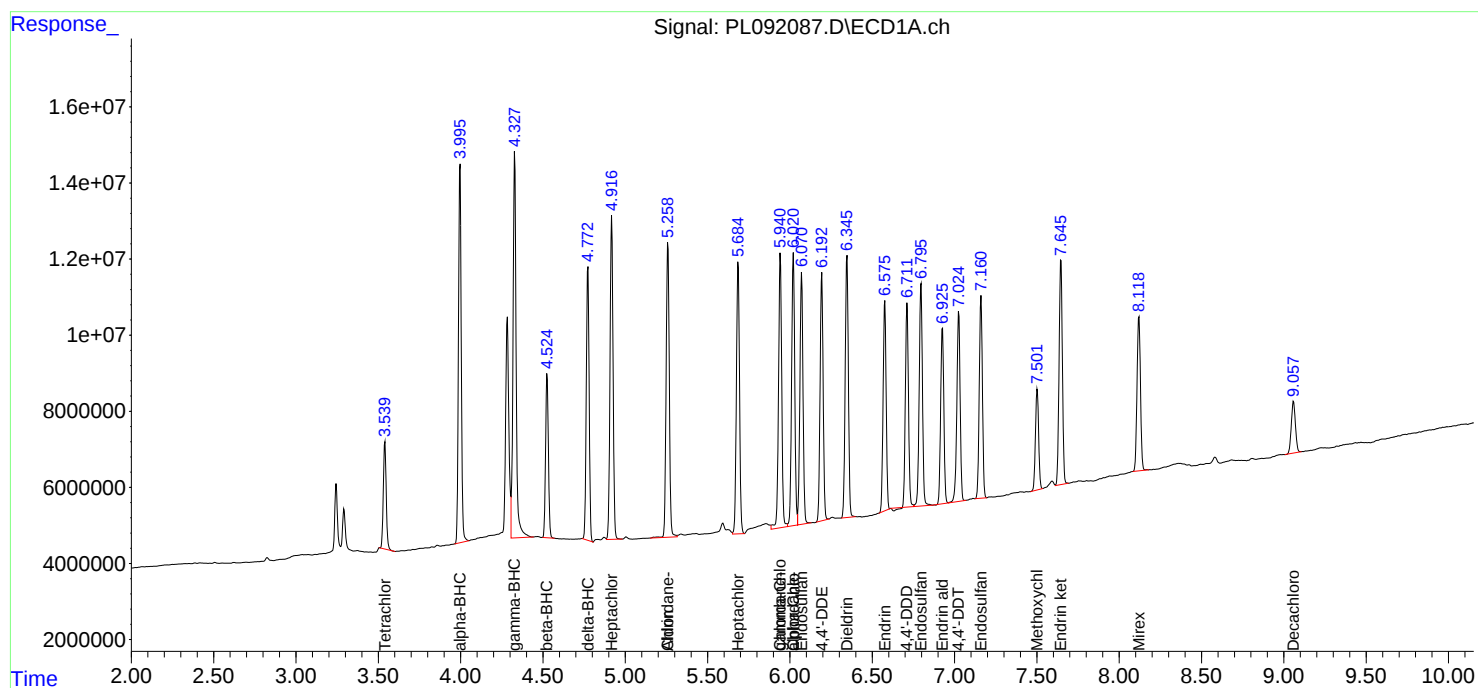
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

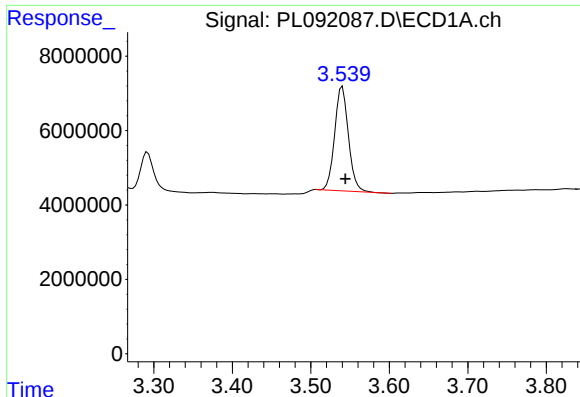
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092087.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 21:26  
Operator : AR\AJ  
Sample : PB163696BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 04:15:57 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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

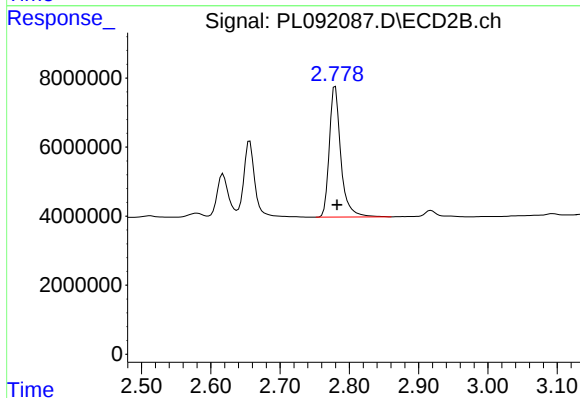




#1 Tetrachloro-m-xylene

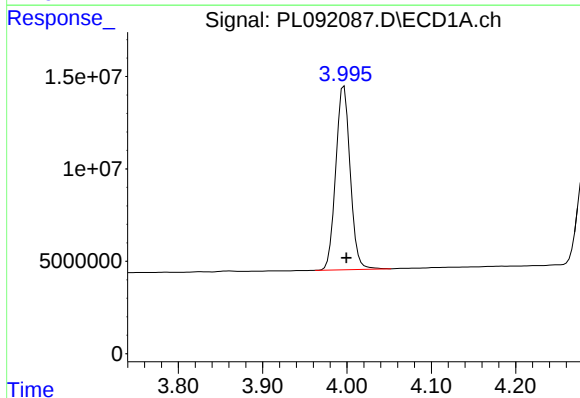
R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 34186400  
Conc: 15.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



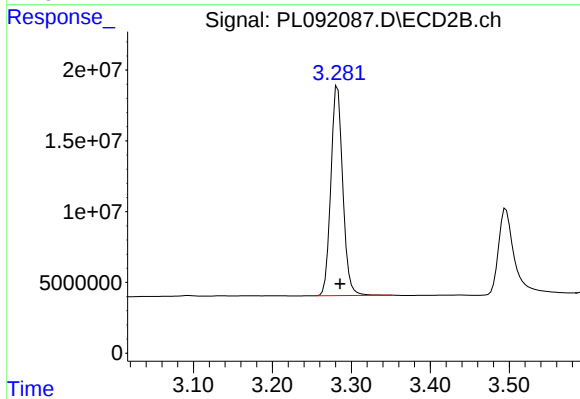
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.002 min  
Response: 43876351  
Conc: 17.49 ng/ml



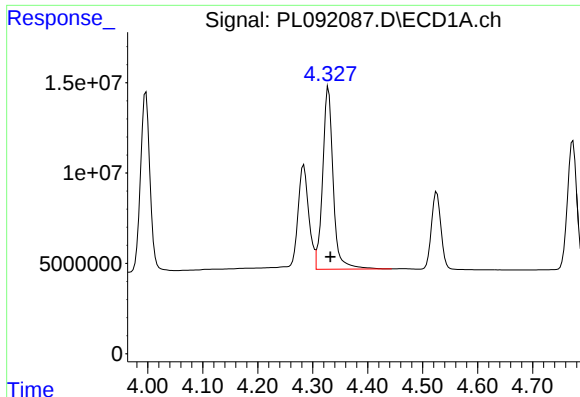
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.003 min  
Response: 118262932  
Conc: 38.19 ng/ml



#2 alpha-BHC

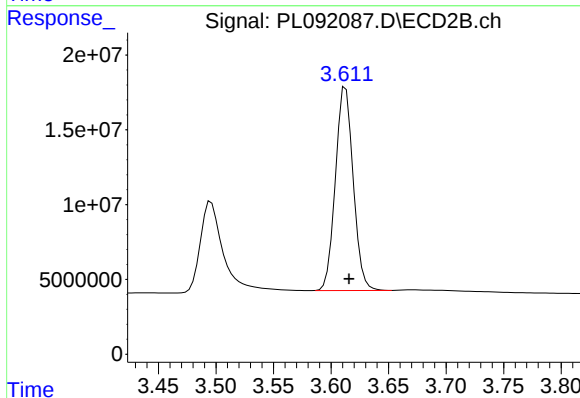
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 155649666  
Conc: 42.72 ng/ml



#3 gamma-BHC (Lindane)

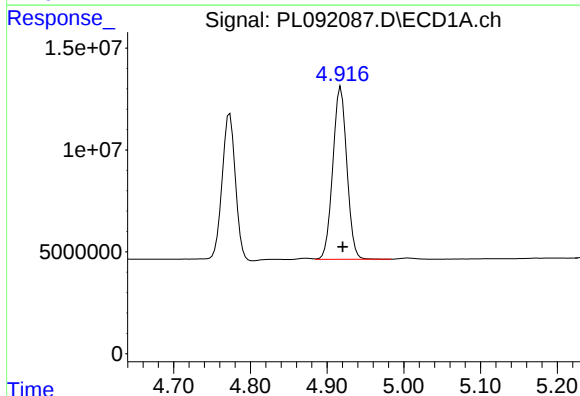
R.T.: 4.329 min  
Delta R.T.: -0.004 min  
Response: 134795786  
Conc: 43.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



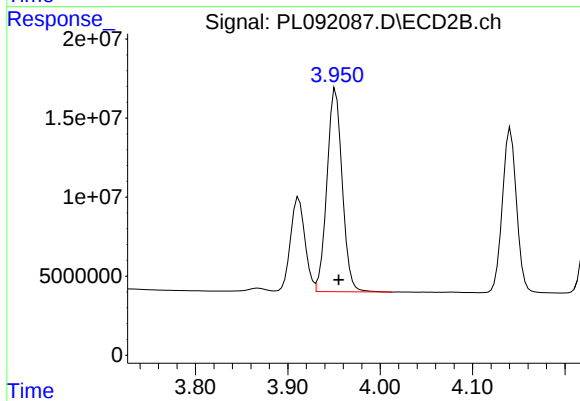
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 146743415  
Conc: 41.56 ng/ml



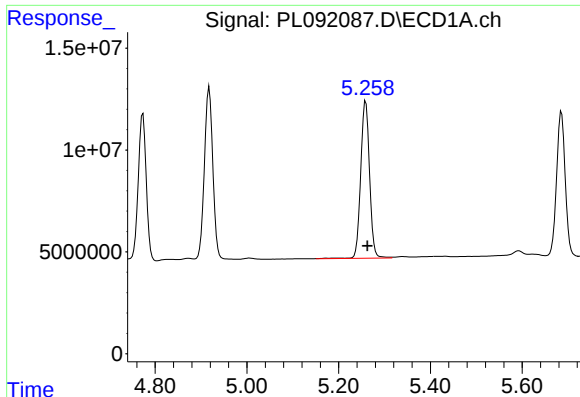
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 107583633  
Conc: 38.90 ng/ml



#4 Heptachlor

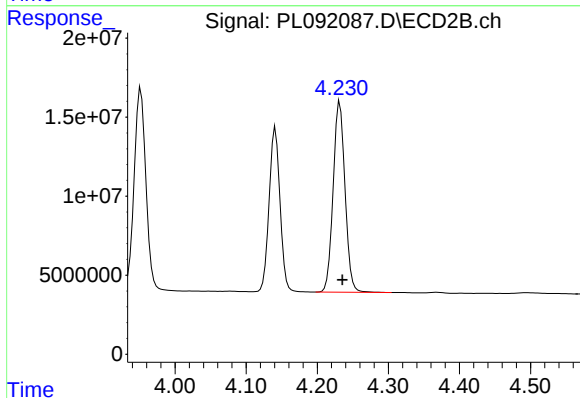
R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 147467970  
Conc: 42.74 ng/ml



#5 Aldrin

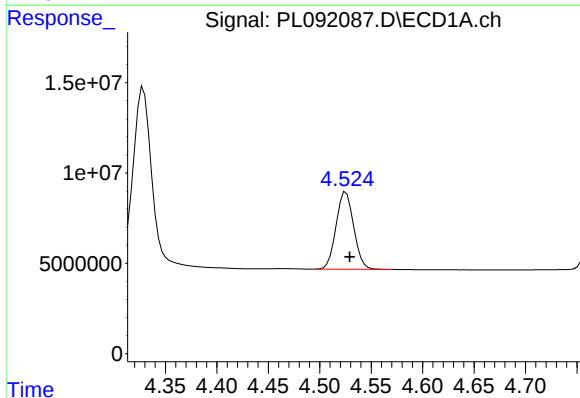
R.T.: 5.259 min  
Delta R.T.: -0.004 min  
Response: 103214176  
Conc: 37.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



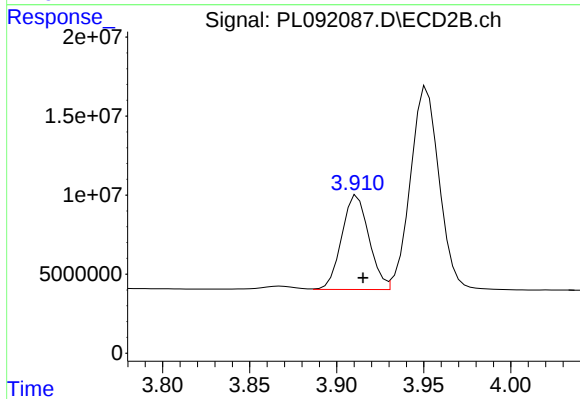
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.003 min  
Response: 139793340  
Conc: 41.10 ng/ml



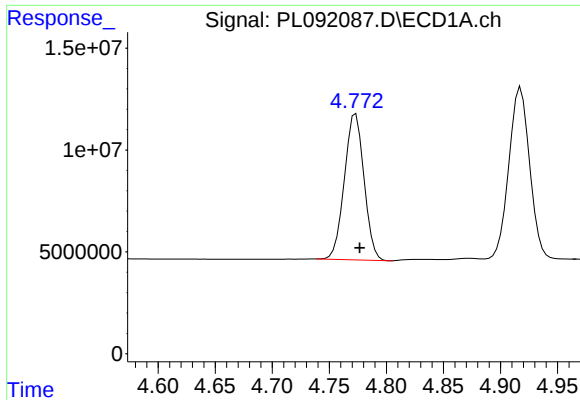
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.004 min  
Response: 50959084  
Conc: 38.42 ng/ml



#6 beta-BHC

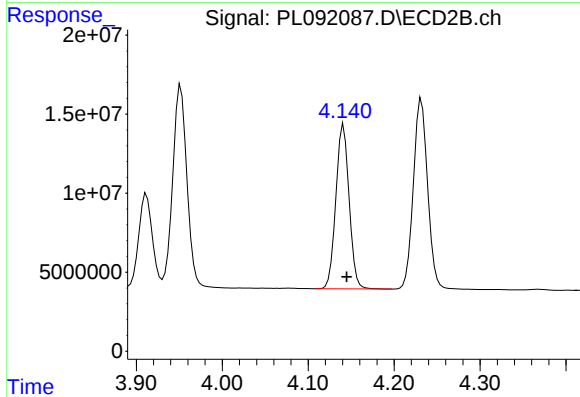
R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 64816806  
Conc: 43.12 ng/ml



#7 delta-BHC

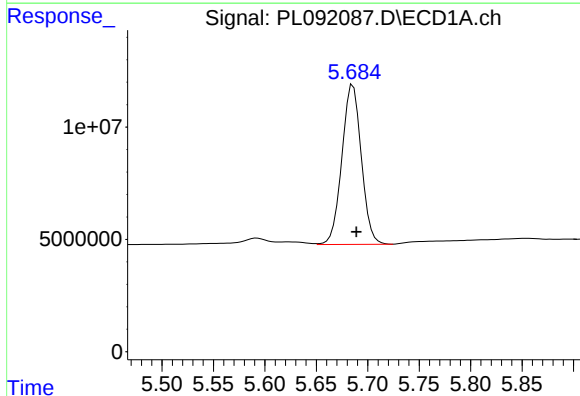
R.T.: 4.773 min  
Delta R.T.: -0.003 min  
Response: 85910279  
Conc: 29.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



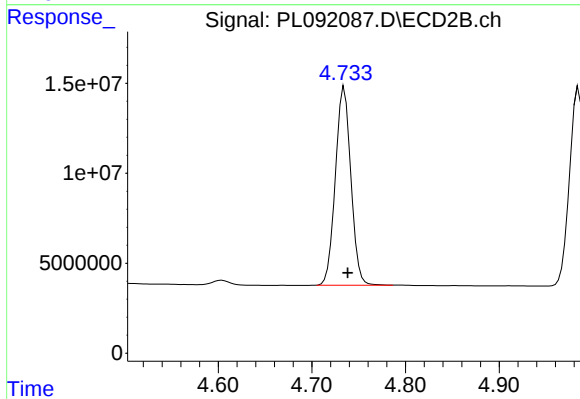
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 111083128  
Conc: 32.00 ng/ml



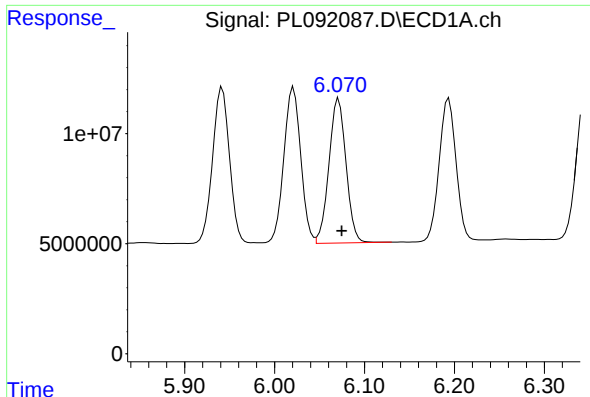
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.003 min  
Response: 93442550  
Conc: 36.72 ng/ml



#8 Heptachlor epoxide

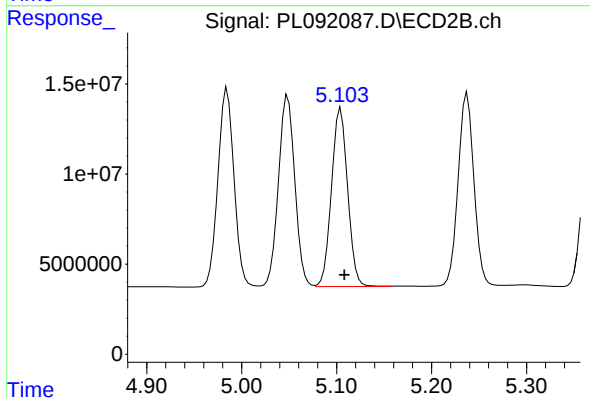
R.T.: 4.735 min  
Delta R.T.: -0.004 min  
Response: 127086864  
Conc: 42.04 ng/ml



#9 Endosulfan I

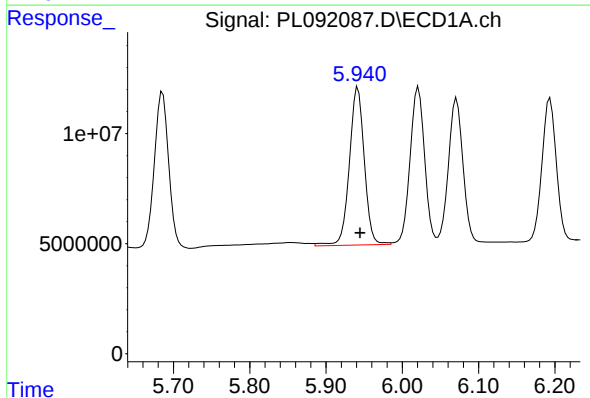
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 86760369  
Conc: 37.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



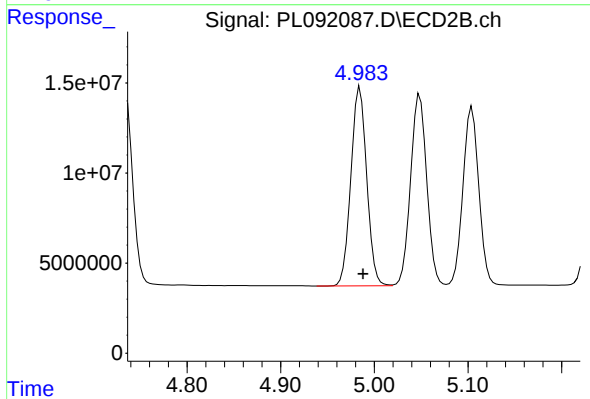
#9 Endosulfan I

R.T.: 5.104 min  
Delta R.T.: -0.004 min  
Response: 116851115  
Conc: 42.57 ng/ml



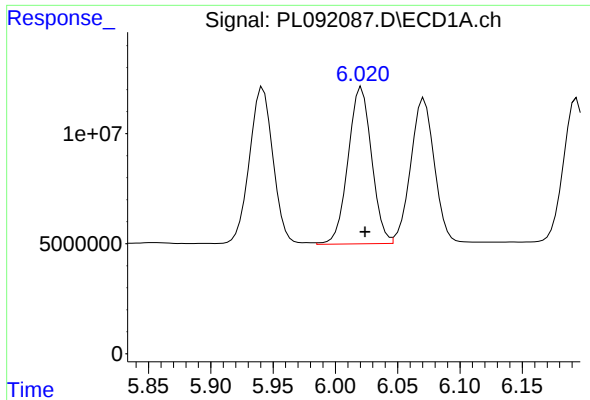
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 97809243  
Conc: 39.58 ng/ml



#10 gamma-Chlordane

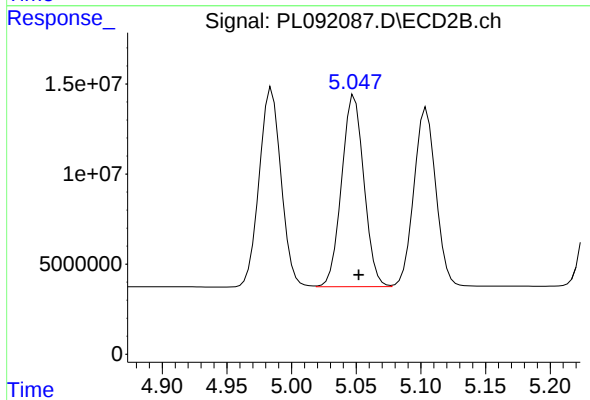
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 129646572  
Conc: 43.09 ng/ml



#11 alpha-Chlordane

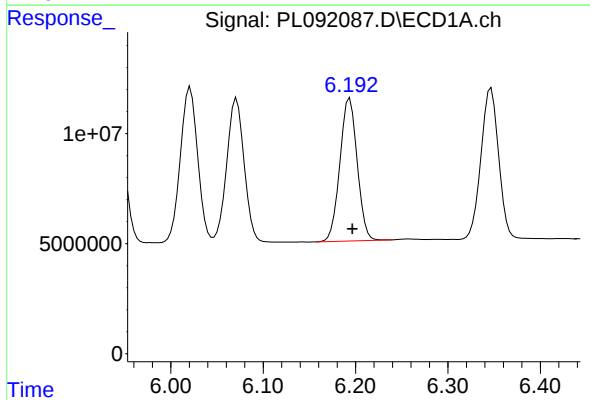
R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 94012480  
Conc: 38.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



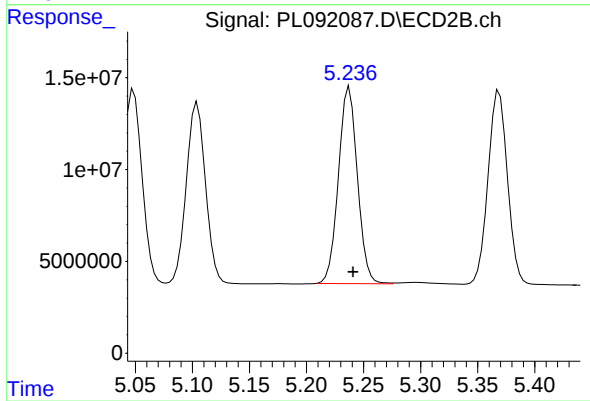
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 127298393  
Conc: 42.52 ng/ml



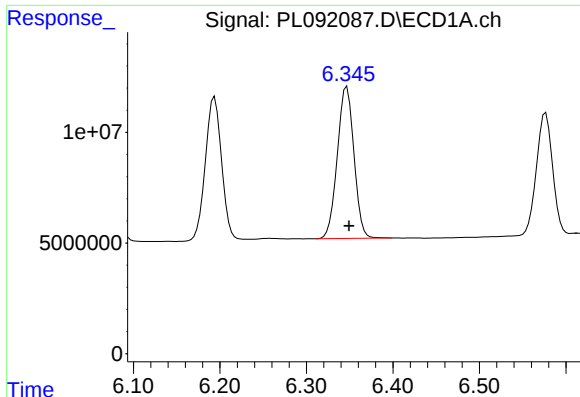
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 84575065  
Conc: 39.08 ng/ml



#12 4,4'-DDE

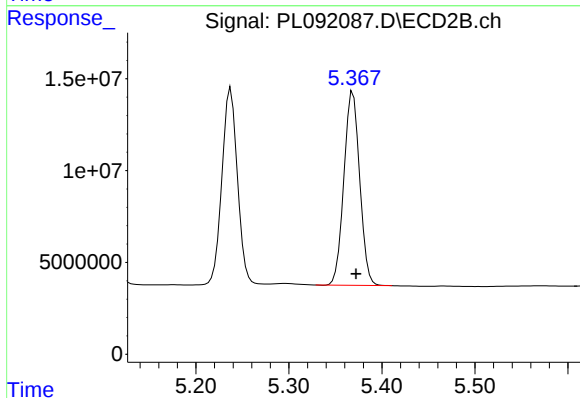
R.T.: 5.237 min  
Delta R.T.: -0.003 min  
Response: 123847377  
Conc: 44.57 ng/ml



#13 Dieldrin

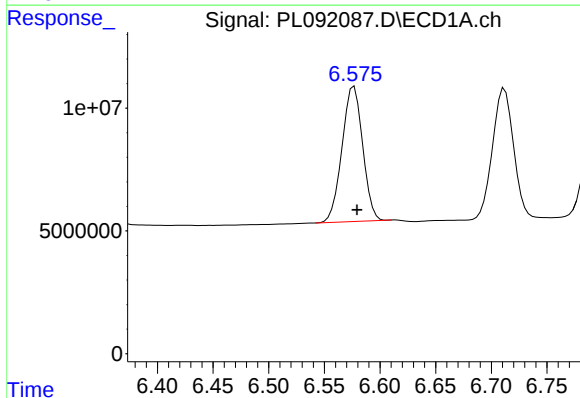
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 91264418  
Conc: 37.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



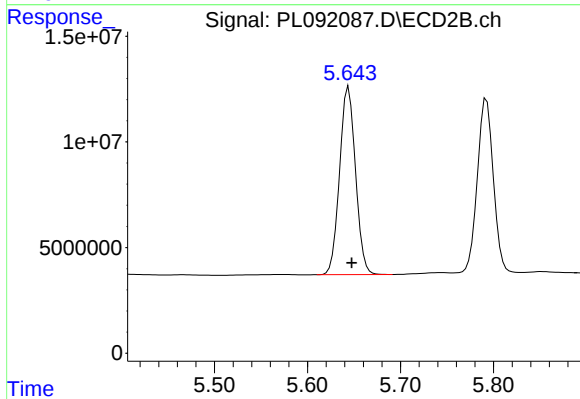
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: -0.004 min  
Response: 124631001  
Conc: 42.51 ng/ml



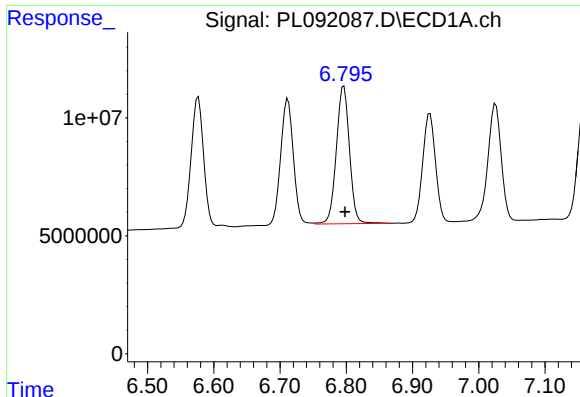
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.003 min  
Response: 71138794  
Conc: 34.52 ng/ml



#14 Endrin

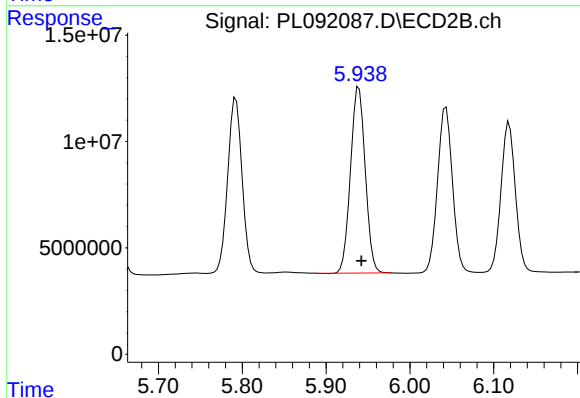
R.T.: 5.644 min  
Delta R.T.: -0.003 min  
Response: 105776138  
Conc: 40.34 ng/ml



#15 Endosulfan II

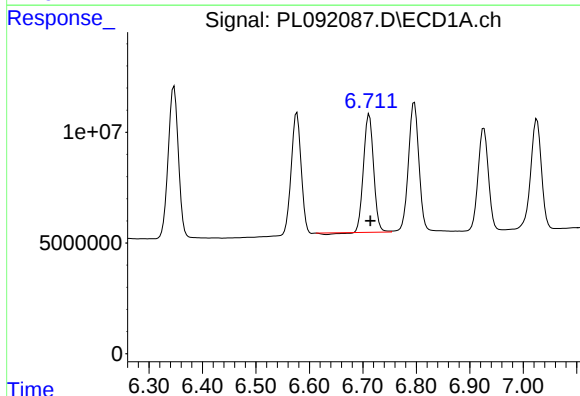
R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 80573903  
Conc: 36.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



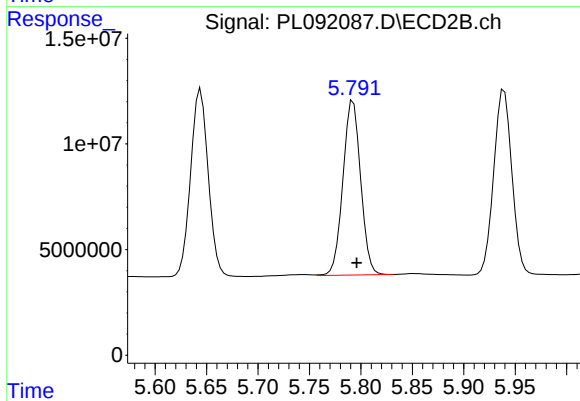
#15 Endosulfan II

R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 107118542  
Conc: 42.81 ng/ml



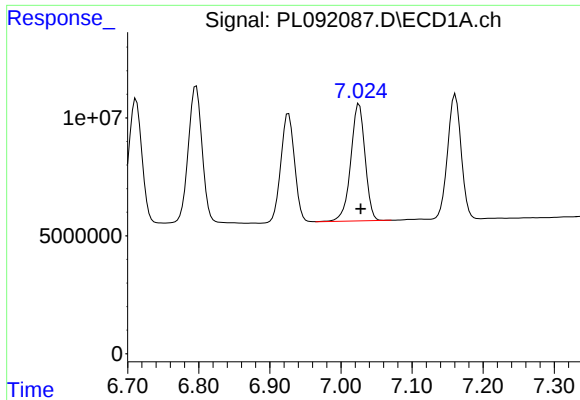
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 68934767  
Conc: 38.39 ng/ml



#16 4,4'-DDD

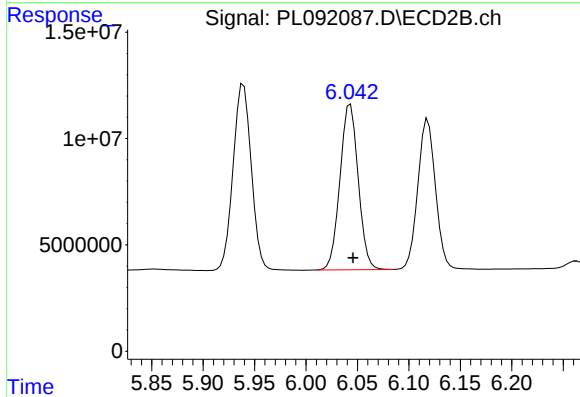
R.T.: 5.792 min  
Delta R.T.: -0.003 min  
Response: 99020657  
Conc: 46.35 ng/ml



#17 4,4'-DDT

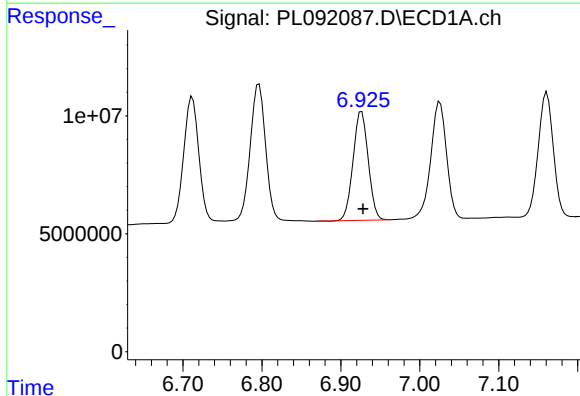
R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 69595086  
Conc: 37.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



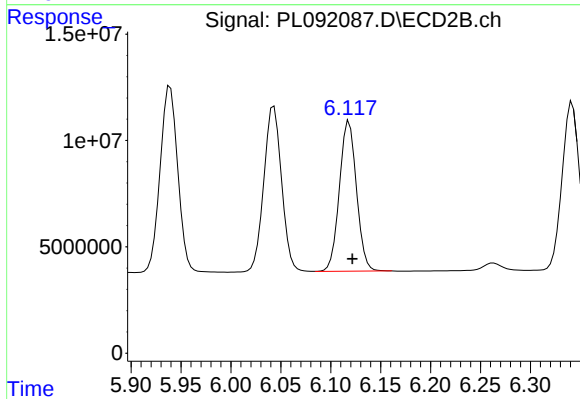
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: 96036558  
Conc: 41.52 ng/ml



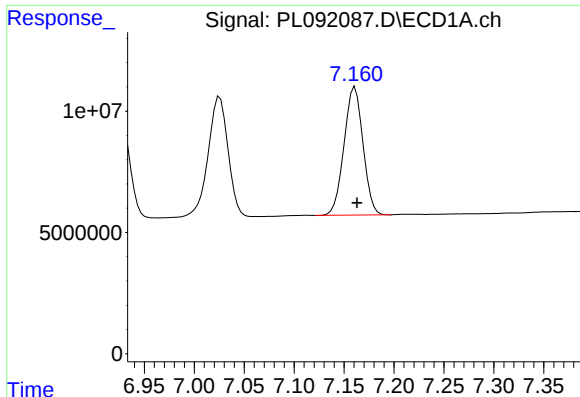
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 61578558  
Conc: 35.33 ng/ml



#18 Endrin aldehyde

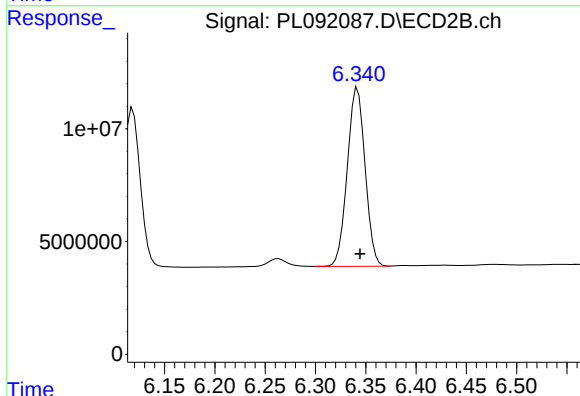
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 84126457  
Conc: 41.22 ng/ml



#19 Endosulfan Sulfate

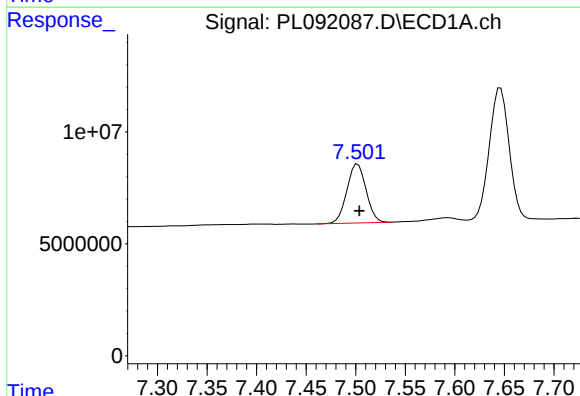
R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 69855226  
Conc: 35.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



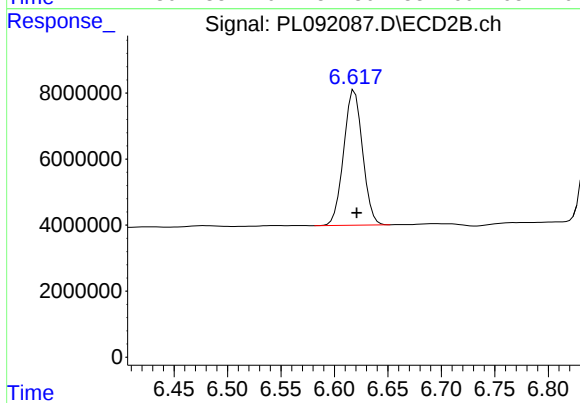
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 97332885  
Conc: 40.34 ng/ml



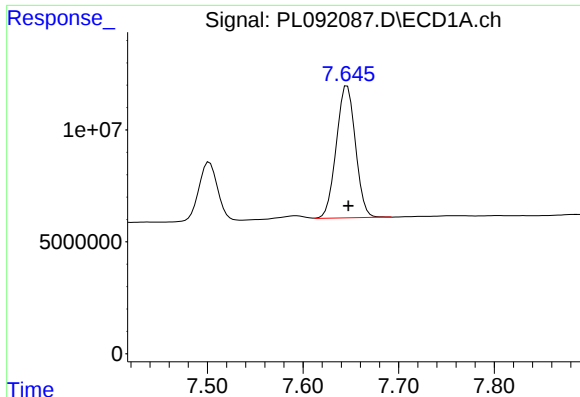
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.001 min  
Response: 35580160  
Conc: 36.24 ng/ml



#20 Methoxychlor

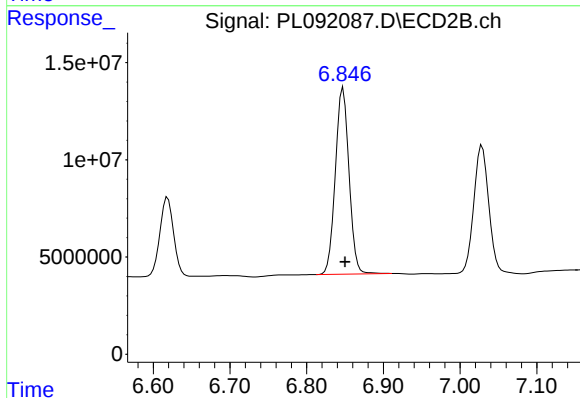
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 50406608  
Conc: 40.31 ng/ml



#21 Endrin ketone

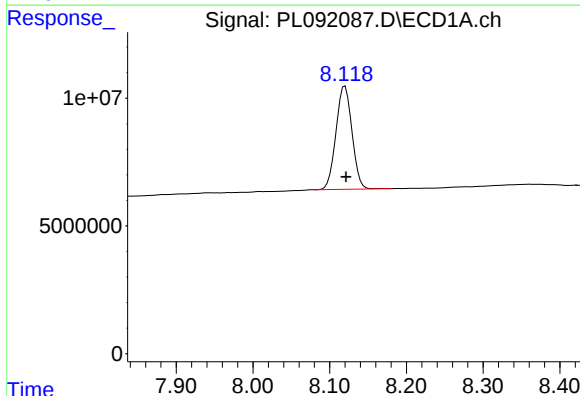
R.T.: 7.646 min  
Delta R.T.: -0.001 min  
Response: 82347690  
Conc: 37.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



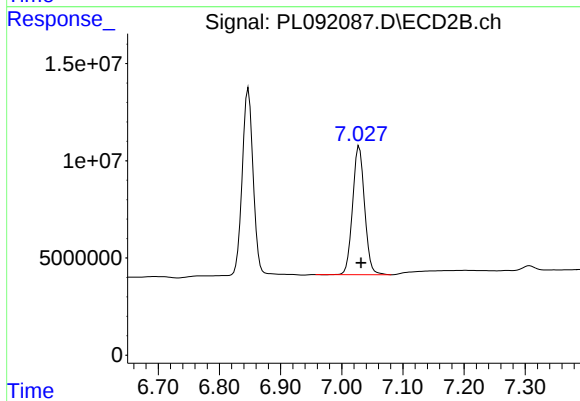
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.002 min  
Response: 118640198  
Conc: 42.85 ng/ml



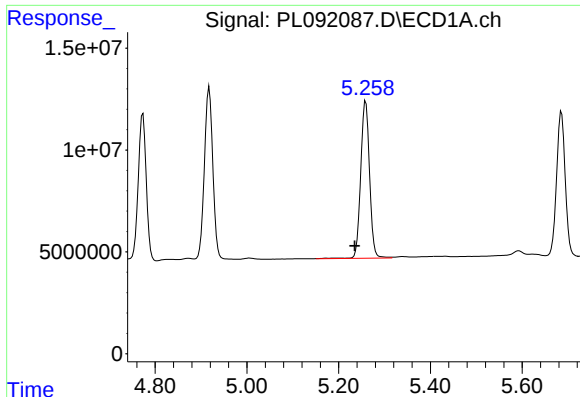
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.002 min  
Response: 58753742  
Conc: 32.62 ng/ml



#22 Mirex

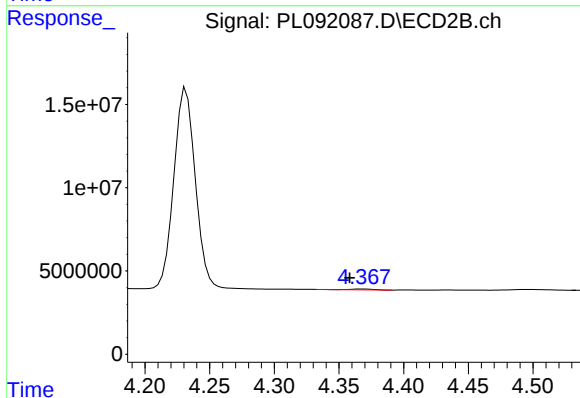
R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 89990051  
Conc: 36.99 ng/ml



#24 Chlordane-2

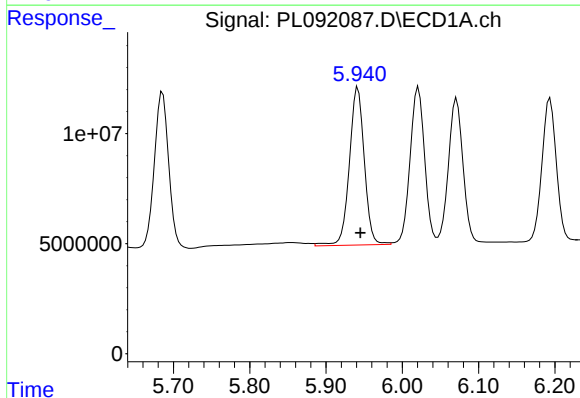
R.T.: 5.259 min  
Delta R.T.: 0.024 min  
Response: 103214176  
Conc: 962.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



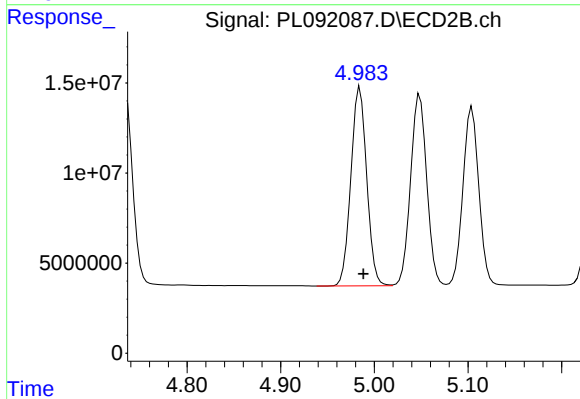
#24 Chlordane-2

R.T.: 4.369 min  
Delta R.T.: 0.010 min  
Response: 620068  
Conc: 5.53 ng/ml



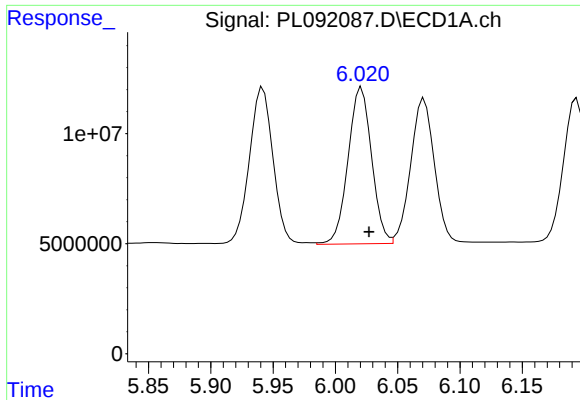
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 97809243  
Conc: 261.12 ng/ml



#25 Chlordane-3

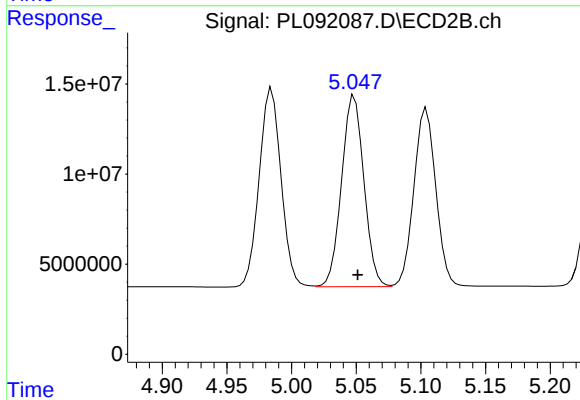
R.T.: 4.985 min  
Delta R.T.: -0.004 min  
Response: 129646572  
Conc: 391.41 ng/ml



#26 Chlordane-4

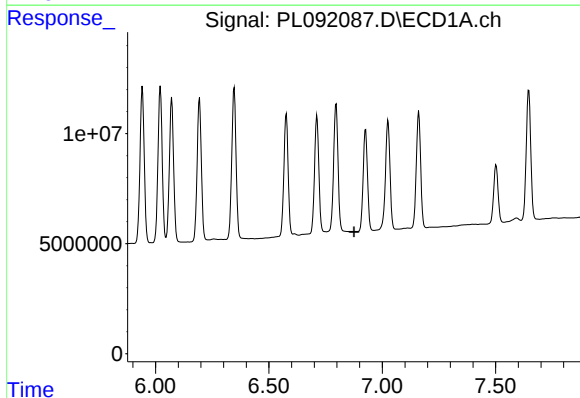
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 94012480  
Conc: 207.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



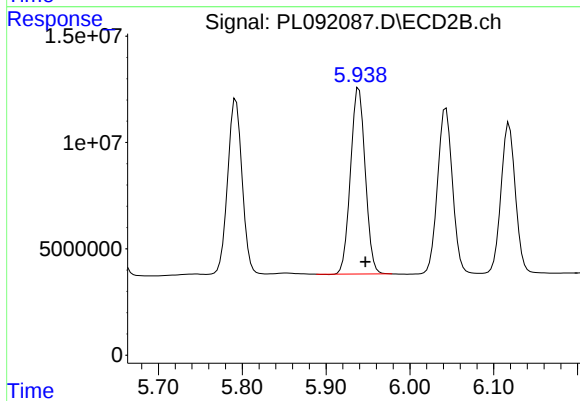
#26 Chlordane-4

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 127298393  
Conc: 401.22 ng/ml



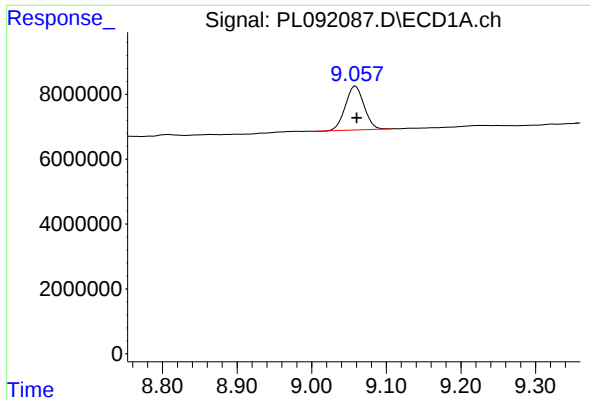
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

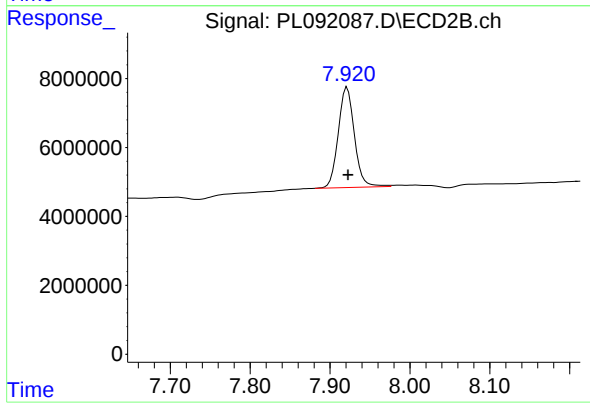
R.T.: 5.939 min  
Delta R.T.: -0.008 min  
Response: 107118542  
Conc: 987.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.001 min  
Response: 23502529  
Conc: 14.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.001 min  
Response: 40896190  
Conc: 16.35 ng/ml