

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111423\  
 Data File : PL086652.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2023 15:21  
 Operator : AR\AJ  
 Sample : 05366-02MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 19:52:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 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... | 3.351  | 2.617  | 53080095 | 15321737 | 16.347   | 15.561    |
| 28)                         | SA Decachlor... | 8.851  | 7.767  | 46053679 | 18826716 | 15.733   | 15.590    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.805  | 3.115  | 221.3E6  | 61878240 | 46.003   | 46.422    |
| 3)                          | MA gamma-BHC... | 4.136  | 3.442  | 220.0E6  | 61660336 | 46.766   | 46.462    |
| 4)                          | MA Heptachlor   | 4.723  | 3.778  | 207.0E6  | 62643939 | 45.382   | 46.797    |
| 5)                          | MB Aldrin       | 5.063  | 4.055  | 207.2E6  | 61458694 | 45.757   | 47.229    |
| 6)                          | B beta-BHC      | 4.340  | 3.744  | 90408994 | 27318186 | 44.700   | 45.833    |
| 7)                          | B delta-BHC     | 4.583  | 3.969  | 210.5E6  | 61160849 | 45.840   | 46.749    |
| 8)                          | B Heptachlo...  | 5.493  | 4.559  | 159.7E6  | 56364731 | 41.083   | 46.931    |
| 9)                          | A Endosulfan I  | 5.877  | 4.927  | 168.4E6  | 53302162 | 44.898   | 46.356    |
| 10)                         | B gamma-Chl...  | 5.750  | 4.810  | 182.3E6  | 57968720 | 44.484   | 46.985    |
| 11)                         | B alpha-Chl...  | 5.829  | 4.874  | 181.2E6  | 57726153 | 44.628   | 46.163    |
| 12)                         | B 4,4'-DDE      | 6.014  | 5.073  | 144.1E6  | 49452970 | 41.562   | 48.175    |
| 13)                         | MA Dieldrin     | 6.154  | 5.192  | 177.2E6  | 55744094 | 45.058   | 46.719    |
| 14)                         | MA Endrin       | 6.382  | 5.466  | 151.9E6  | 51546281 | 44.108   | 47.060    |
| 15)                         | B Endosulfa...  | 6.605  | 5.764  | 138.7E6  | 47562358 | 39.015   | 43.335    |
| 16)                         | A 4,4'-DDD      | 6.532  | 5.630  | 125.9E6  | 33494503 | 47.272   | 39.314    |
| 17)                         | MA 4,4'-DDT     | 6.847  | 5.880  | 138.0E6  | 44376352 | 46.567   | 45.394    |
| 18)                         | B Endrin al...  | 6.736  | 5.945  | 119.5E6  | 39064793 | 45.069   | 41.702    |
| 19)                         | B Endosulfa...  | 6.972  | 6.169  | 139.4E6  | 44281845 | 41.524   | 40.769    |
| 20)                         | A Methoxychlor  | 7.334  | 6.464  | 46795963 | 27450756 | 29.323   | 45.891 #  |
| 21)                         | B Endrin ke...  | 7.455  | 6.671  | 145.4E6  | 55770986 | 42.667   | 43.526    |
| 22)                         | Mirex           | 7.927  | 6.847  | 141.0E6  | 53602051 | 49.918   | 47.155    |
| 23)                         | Chlordane-1     | 0.000  | 3.616  | 0        | 181658   | N.D.     | 5.185 #   |
| 24)                         | Chlordane-2     | 5.063f | 4.165f | 207.2E6  | 218694   | 1366.734 | 4.842 #   |
| 25)                         | Chlordane-3     | 5.750  | 4.810  | 182.3E6  | 57968720 | 315.094  | 491.626 # |
| 26)                         | Chlordane-4     | 5.829  | 4.874  | 181.2E6  | 57726153 | 253.433  | 452.135 # |
| -----                       |                 |        |        |          |          |          |           |

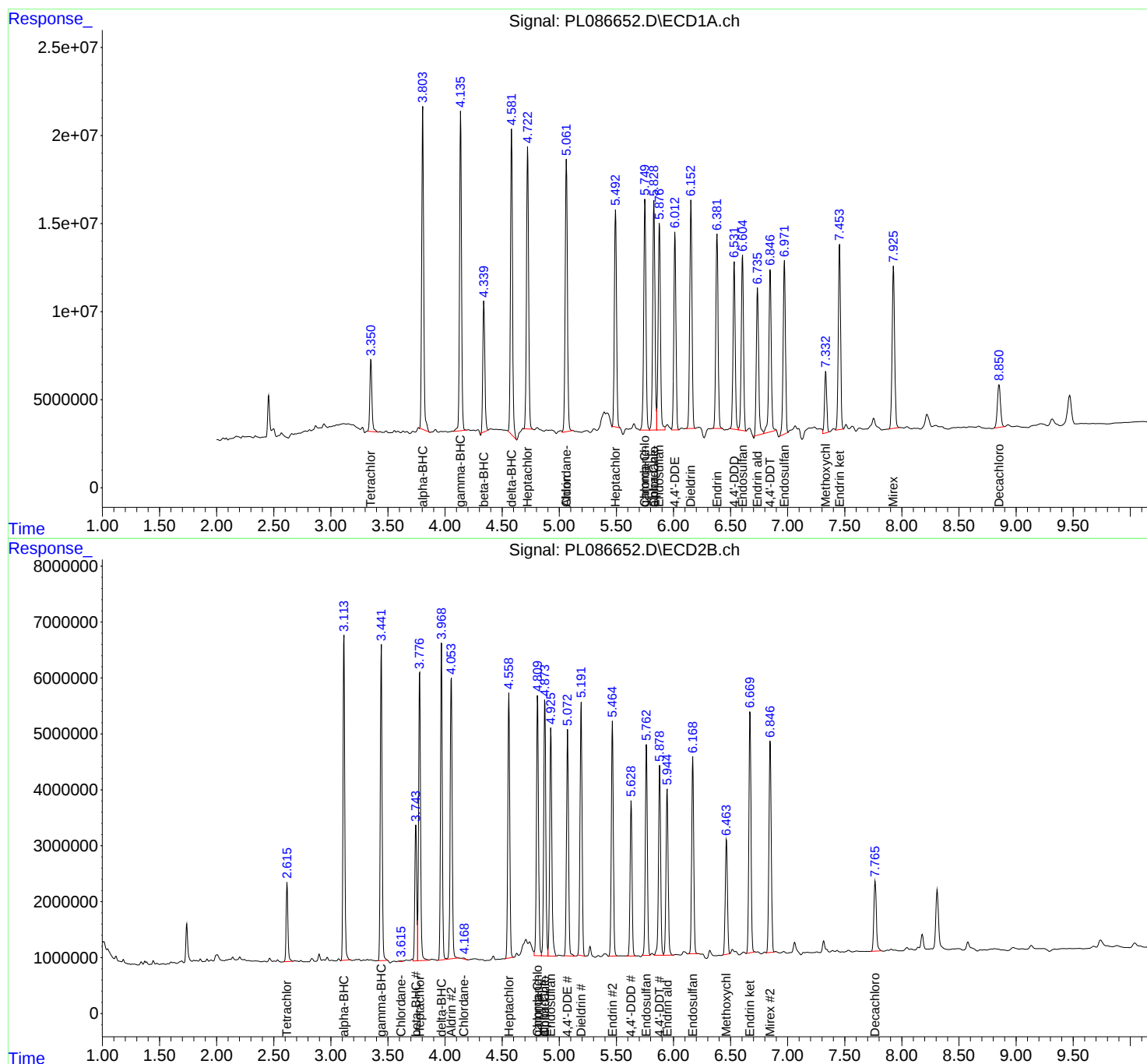
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

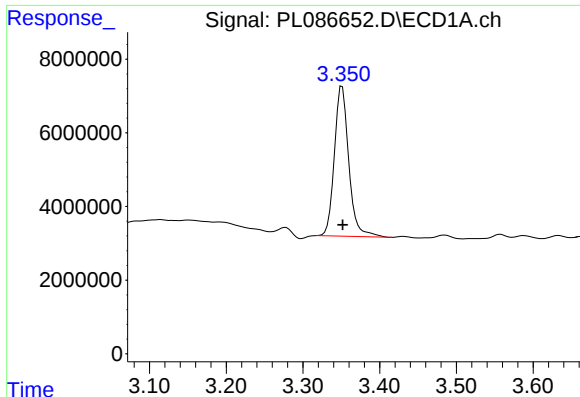
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111423\  
Data File : PL086652.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2023 15:21  
Operator : AR\AJ  
Sample : 05366-02MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Nov 14 19:52:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
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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

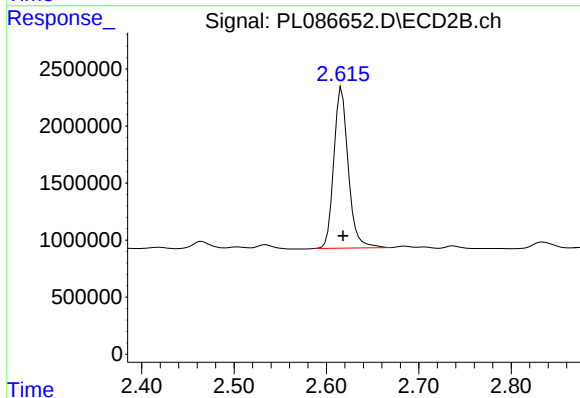




#1 Tetrachloro-m-xylene

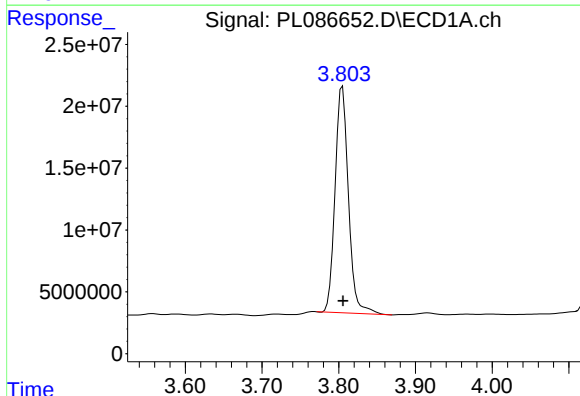
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 53080095  
Conc: 16.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



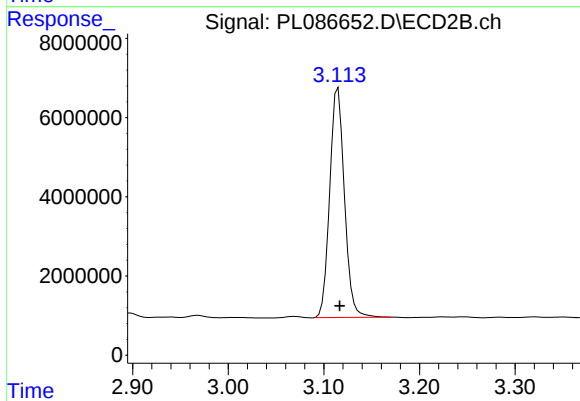
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: -0.001 min  
Response: 15321737  
Conc: 15.56 ng/ml



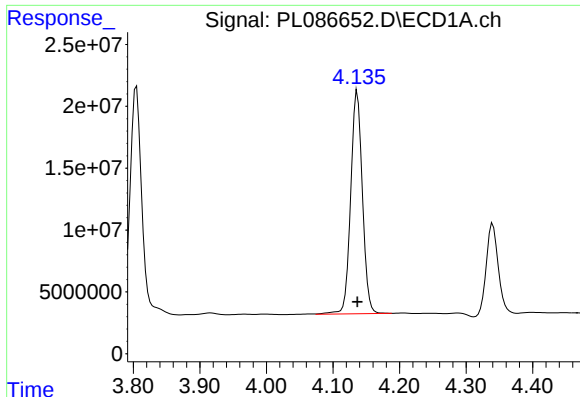
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 221293479  
Conc: 46.00 ng/ml



#2 alpha-BHC

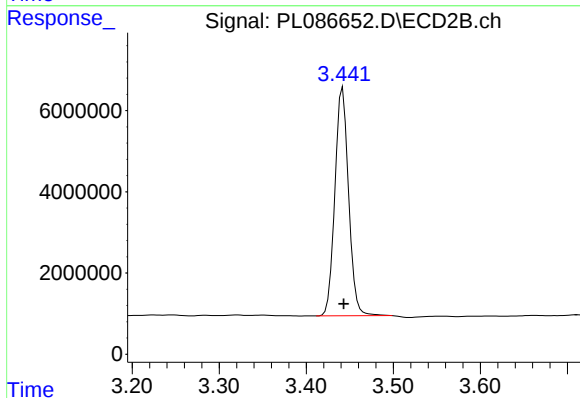
R.T.: 3.115 min  
Delta R.T.: -0.002 min  
Response: 61878240  
Conc: 46.42 ng/ml



#3 gamma-BHC (Lindane)

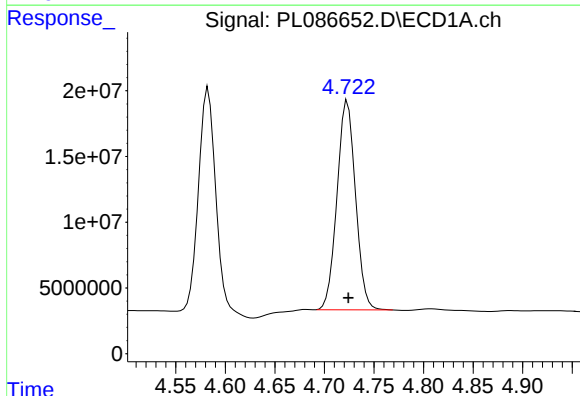
R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 220018048  
Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



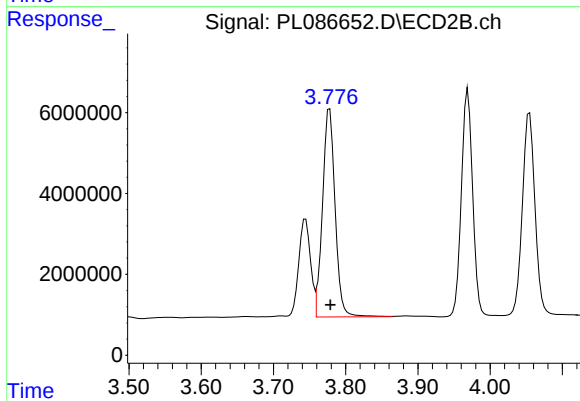
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: -0.001 min  
Response: 61660336  
Conc: 46.46 ng/ml



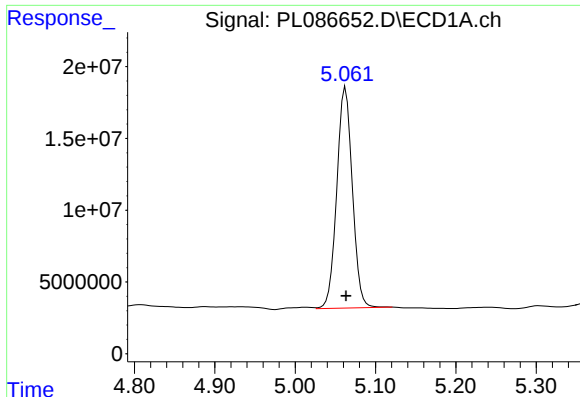
#4 Heptachlor

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 207031742  
Conc: 45.38 ng/ml



#4 Heptachlor

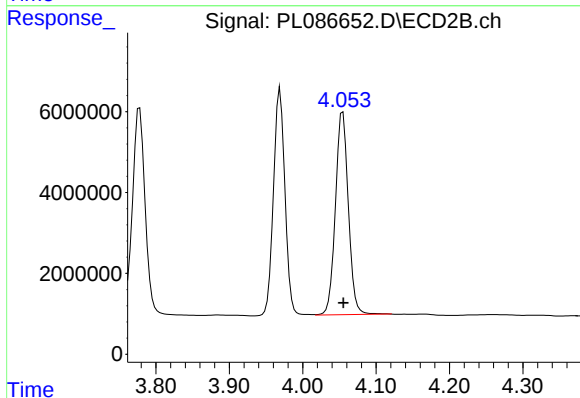
R.T.: 3.778 min  
Delta R.T.: -0.001 min  
Response: 62643939  
Conc: 46.80 ng/ml



#5 Aldrin

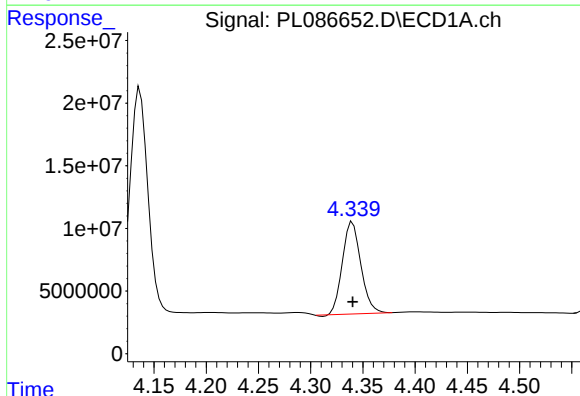
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 207156952  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



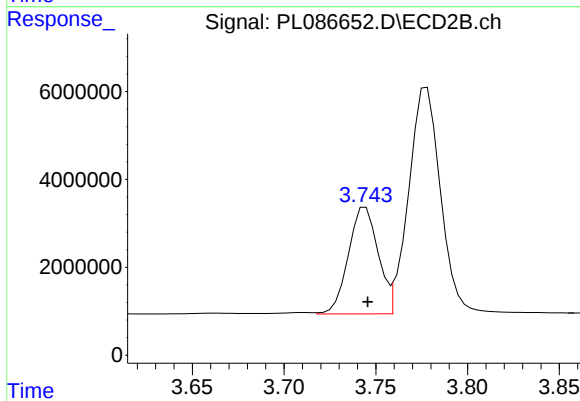
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 61458694  
Conc: 47.23 ng/ml



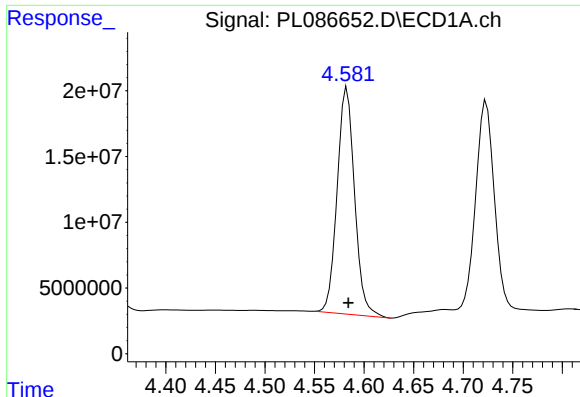
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 90408994  
Conc: 44.70 ng/ml



#6 beta-BHC

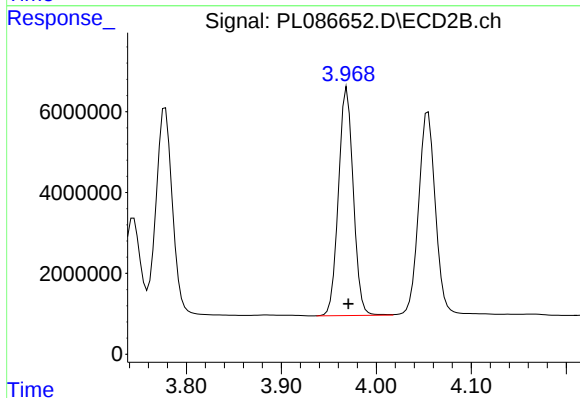
R.T.: 3.744 min  
Delta R.T.: -0.001 min  
Response: 27318186  
Conc: 45.83 ng/ml



#7 delta-BHC

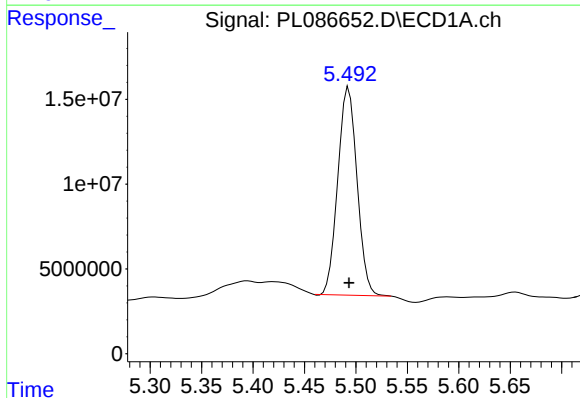
R.T.: 4.583 min  
Delta R.T.: -0.001 min  
Response: 210468390  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



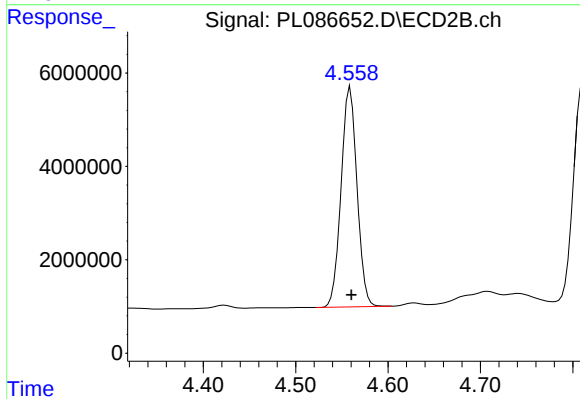
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: -0.001 min  
Response: 61160849  
Conc: 46.75 ng/ml



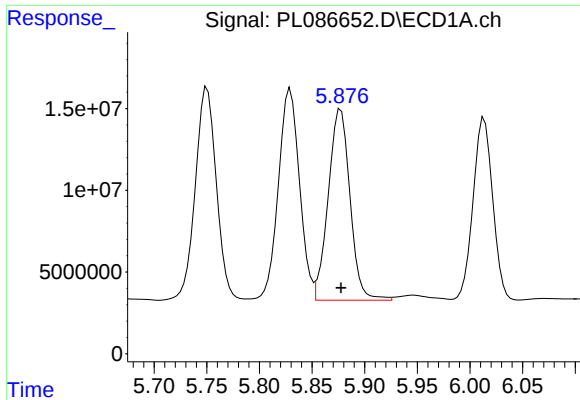
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 159703080  
Conc: 41.08 ng/ml



#8 Heptachlor epoxide

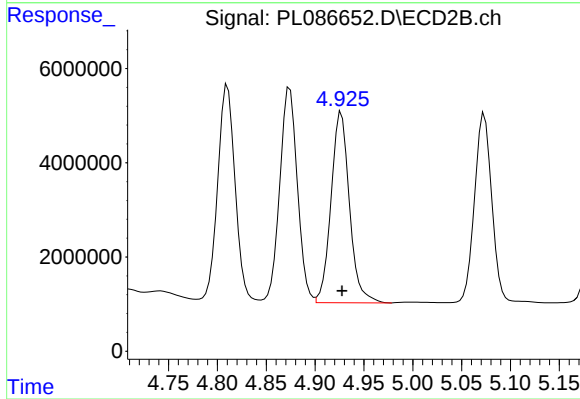
R.T.: 4.559 min  
Delta R.T.: -0.001 min  
Response: 56364731  
Conc: 46.93 ng/ml



#9 Endosulfan I

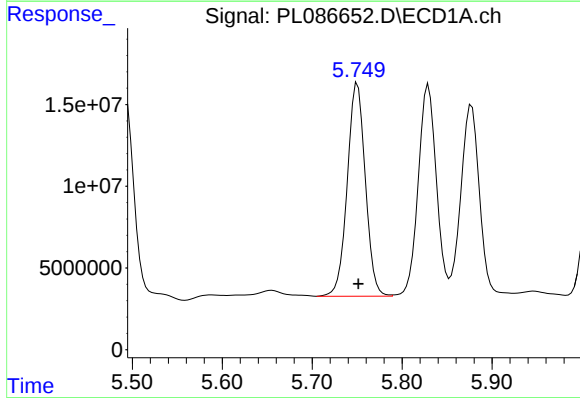
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 168440163  
Conc: 44.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



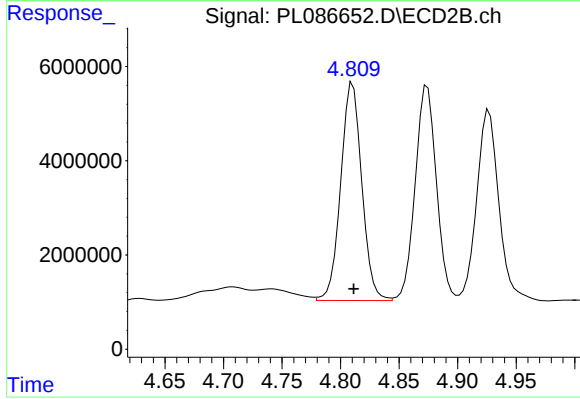
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 53302162  
Conc: 46.36 ng/ml



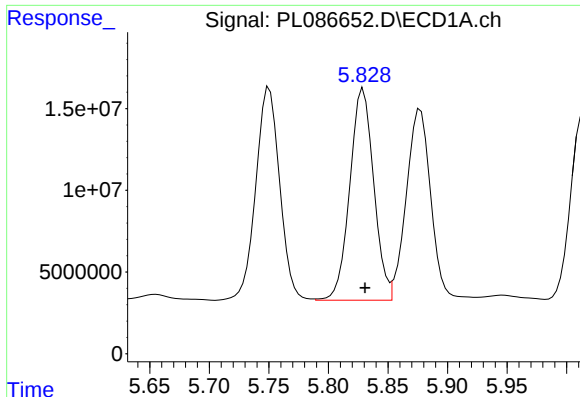
#10 gamma-Chlordane

R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 182262408  
Conc: 44.48 ng/ml



#10 gamma-Chlordane

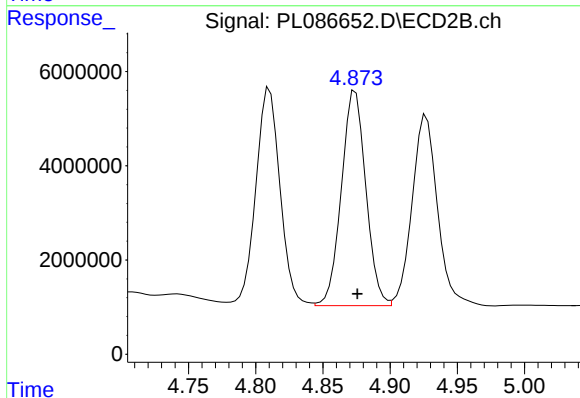
R.T.: 4.810 min  
Delta R.T.: 0.000 min  
Response: 57968720  
Conc: 46.98 ng/ml



#11 alpha-Chlordane

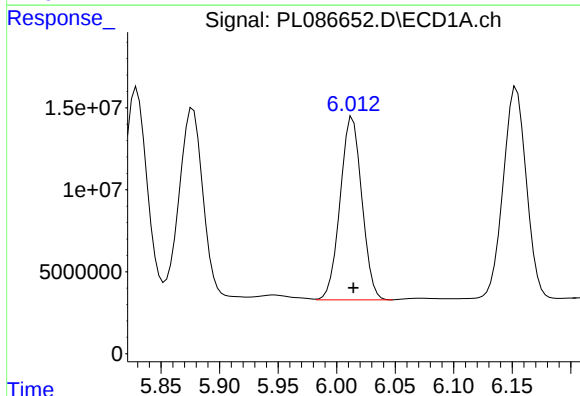
R.T.: 5.829 min  
Delta R.T.: -0.001 min  
Response: 181186418  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



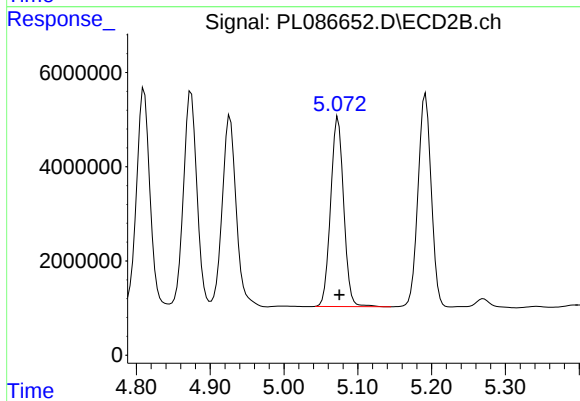
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 57726153  
Conc: 46.16 ng/ml



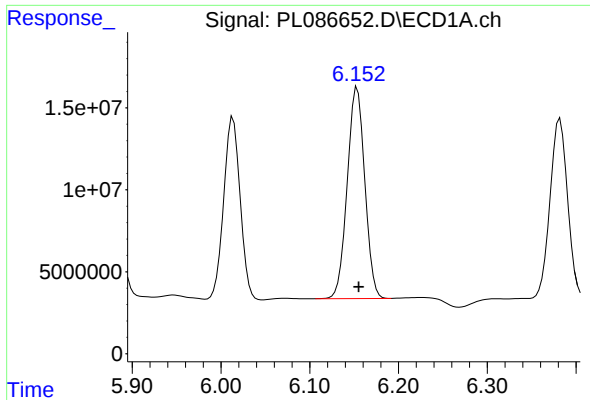
#12 4,4'-DDE

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 144148275  
Conc: 41.56 ng/ml



#12 4,4'-DDE

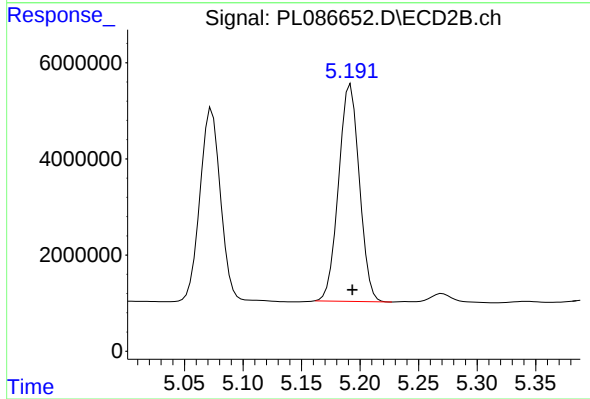
R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 49452970  
Conc: 48.18 ng/ml



#13 Dieldrin

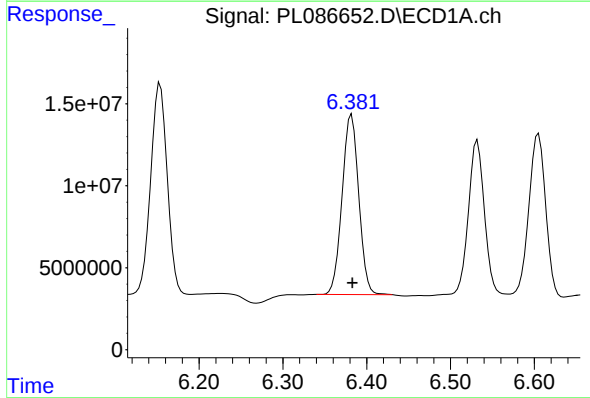
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 177165834  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



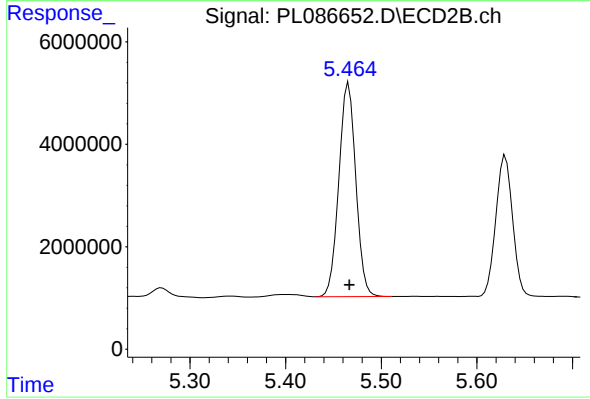
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: -0.001 min  
Response: 55744094  
Conc: 46.72 ng/ml



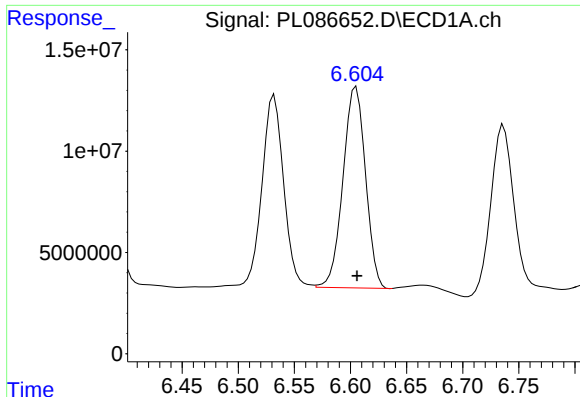
#14 Endrin

R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 151924852  
Conc: 44.11 ng/ml



#14 Endrin

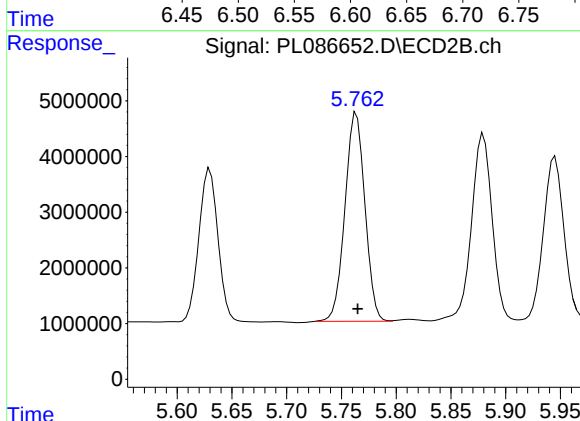
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 51546281  
Conc: 47.06 ng/ml



#15 Endosulfan II

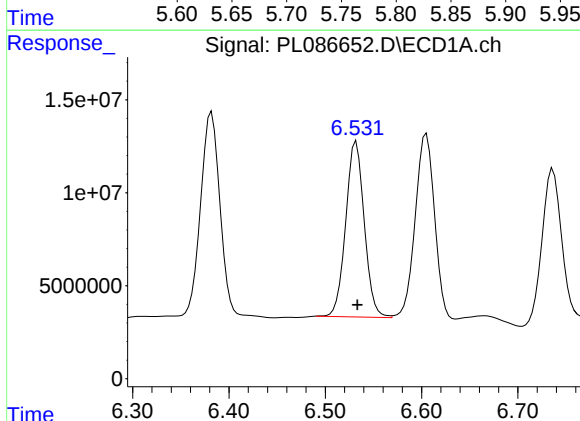
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 138675245  
Conc: 39.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



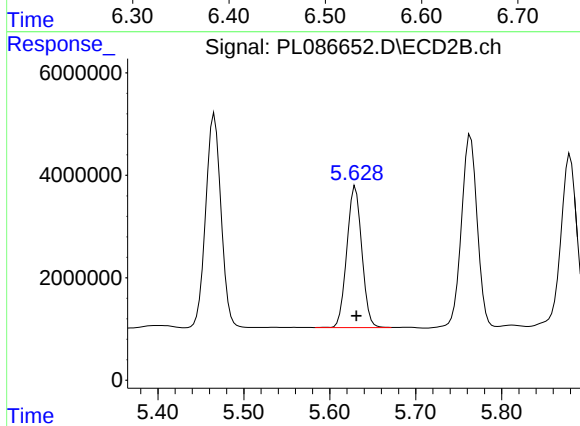
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: -0.001 min  
Response: 47562358  
Conc: 43.33 ng/ml



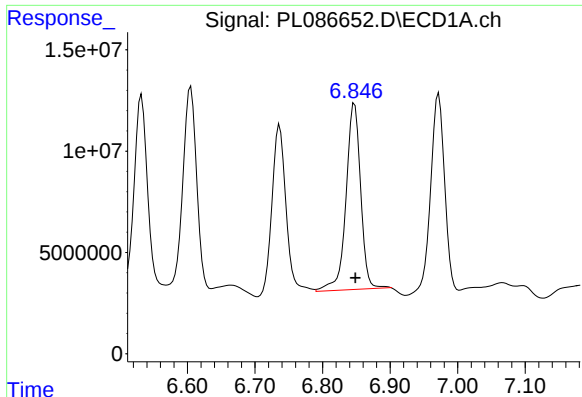
#16 4,4'-DDD

R.T.: 6.532 min  
Delta R.T.: -0.001 min  
Response: 125874511  
Conc: 47.27 ng/ml



#16 4,4'-DDD

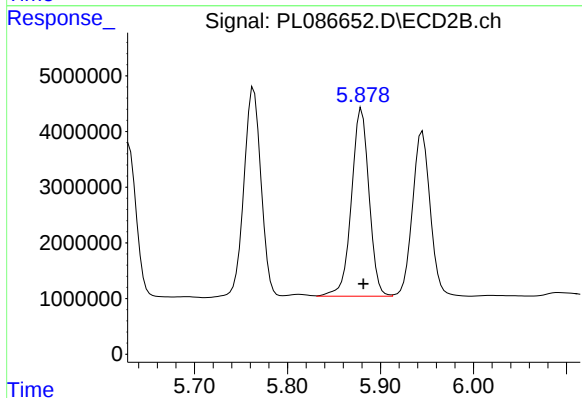
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 33494503  
Conc: 39.31 ng/ml



#17 4,4'-DDT

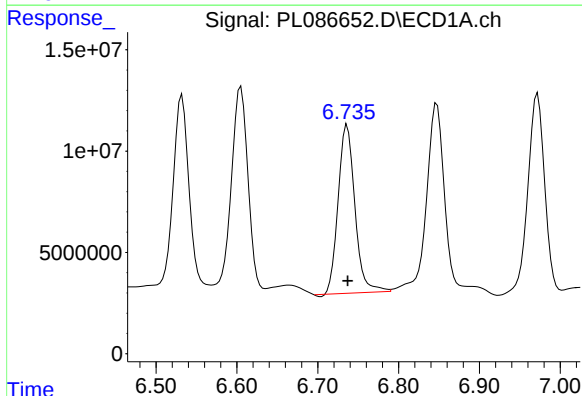
R.T.: 6.847 min  
Delta R.T.: -0.001 min  
Response: 138039555  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



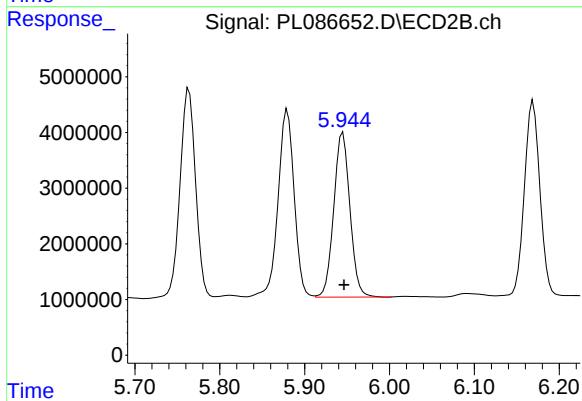
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.002 min  
Response: 44376352  
Conc: 45.39 ng/ml



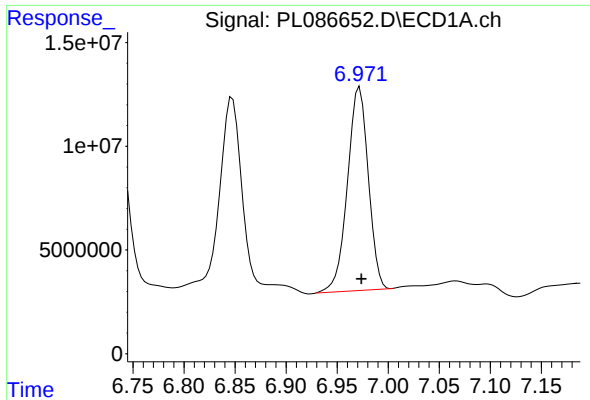
#18 Endrin aldehyde

R.T.: 6.736 min  
Delta R.T.: 0.000 min  
Response: 119484878  
Conc: 45.07 ng/ml



#18 Endrin aldehyde

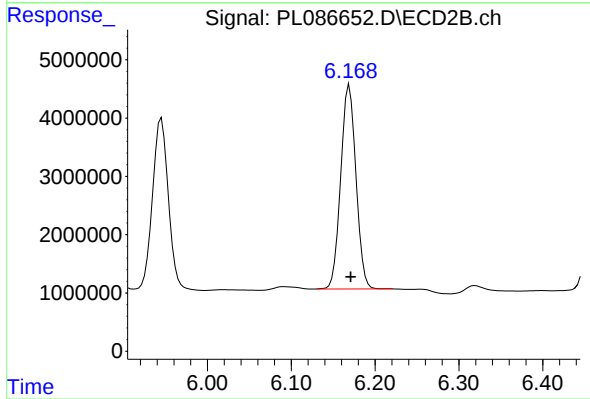
R.T.: 5.945 min  
Delta R.T.: -0.001 min  
Response: 39064793  
Conc: 41.70 ng/ml



#19 Endosulfan Sulfate

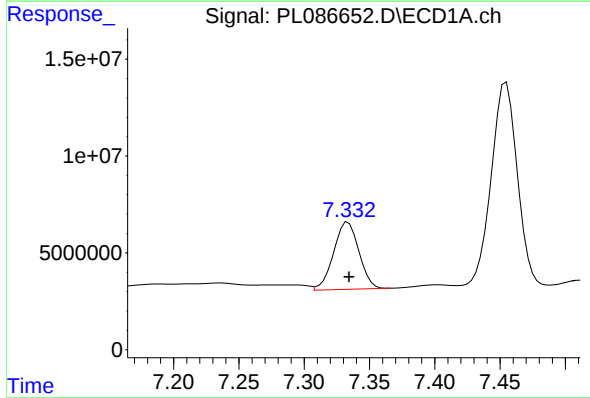
R.T.: 6.972 min  
Delta R.T.: -0.002 min  
Response: 139369613  
Conc: 41.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



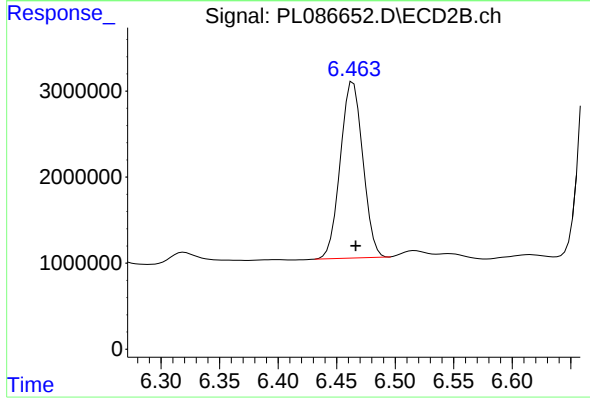
#19 Endosulfan Sulfate

R.T.: 6.169 min  
Delta R.T.: -0.002 min  
Response: 44281845  
Conc: 40.77 ng/ml



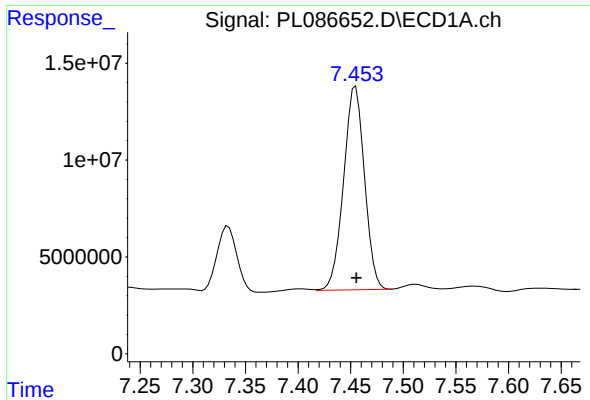
#20 Methoxychlor

R.T.: 7.334 min  
Delta R.T.: 0.000 min  
Response: 46795963  
Conc: 29.32 ng/ml



#20 Methoxychlor

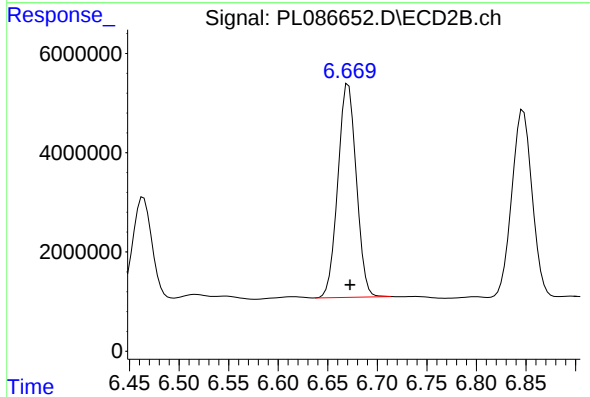
R.T.: 6.464 min  
Delta R.T.: -0.002 min  
Response: 27450756  
Conc: 45.89 ng/ml



#21 Endrin ketone

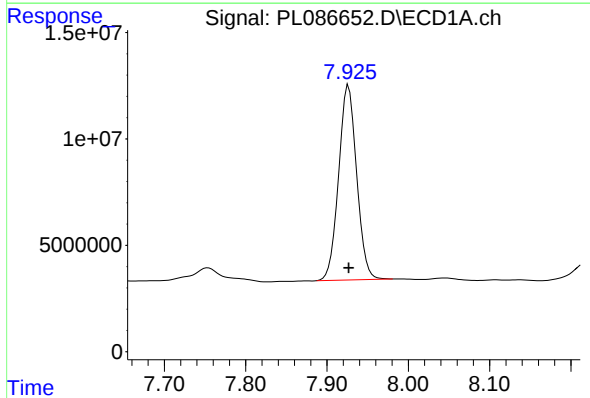
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 145412626  
Conc: 42.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



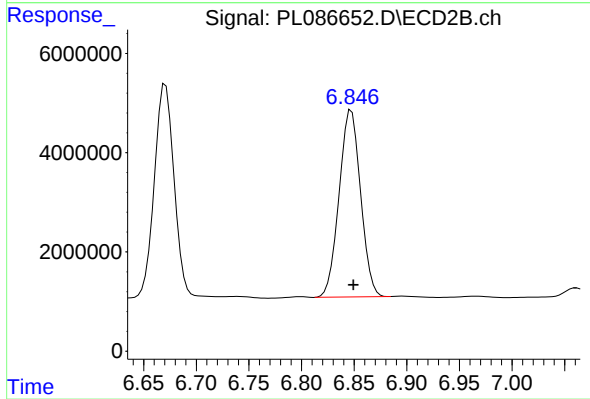
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: -0.002 min  
Response: 55770986  
Conc: 43.53 ng/ml



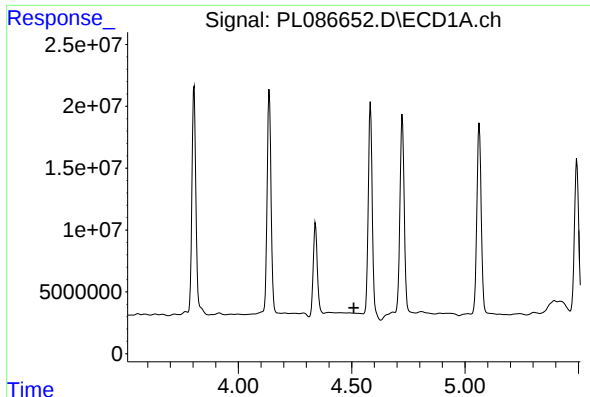
#22 Mirex

R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 140974955  
Conc: 49.92 ng/ml



#22 Mirex

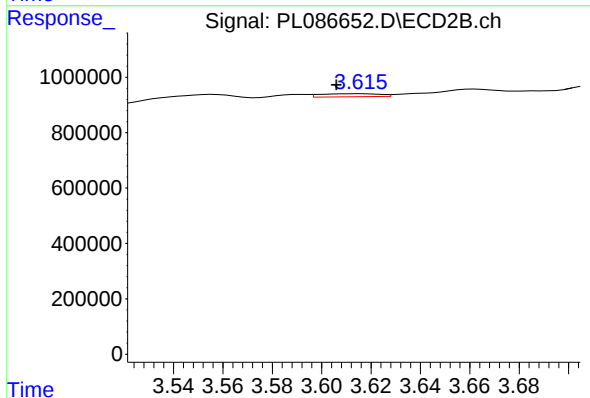
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 53602051  
Conc: 47.15 ng/ml



#23 Chlordane-1

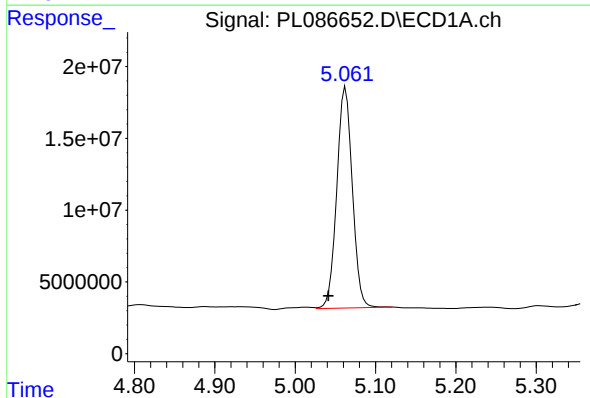
R.T.: 0.000 min  
Exp R.T.: 4.509 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



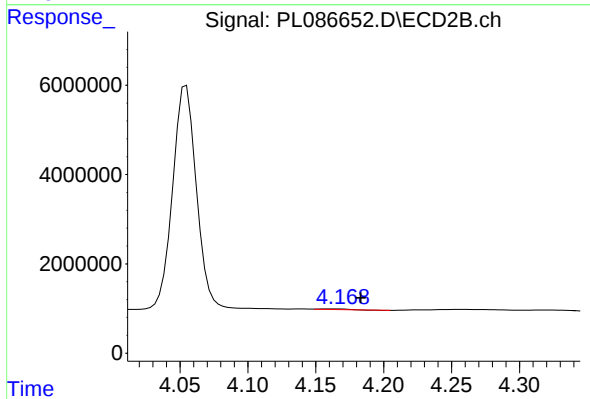
#23 Chlordane-1

R.T.: 3.616 min  
Delta R.T.: 0.010 min  
Response: 181658  
Conc: 5.18 ng/ml



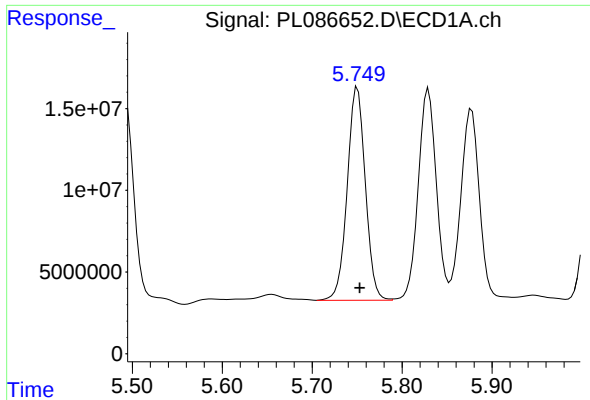
#24 Chlordane-2

R.T.: 5.063 min  
Delta R.T.: 0.021 min  
Response: 207156952  
Conc: 1366.73 ng/ml



#24 Chlordane-2

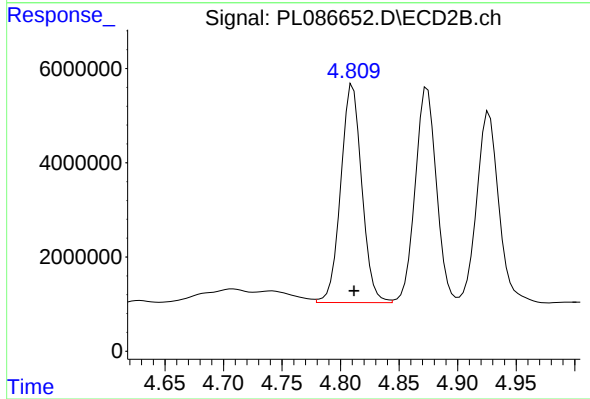
R.T.: 4.165 min  
Delta R.T.: -0.018 min  
Response: 218694  
Conc: 4.84 ng/ml



#25 Chlordane-3

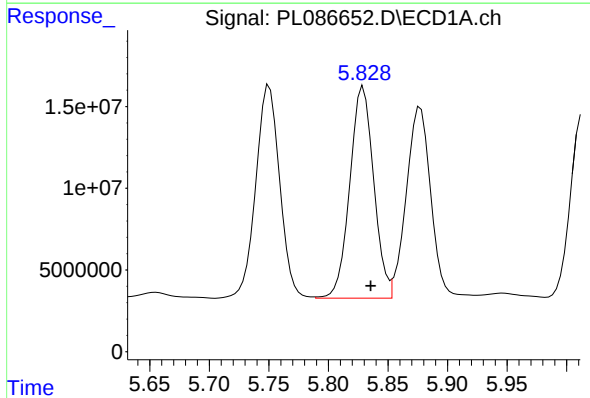
R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 182262408  
Conc: 315.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



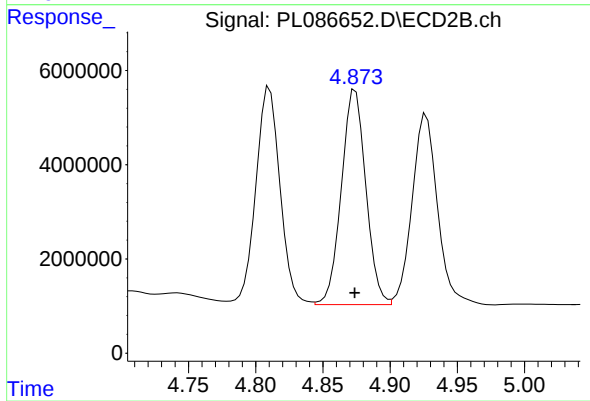
#25 Chlordane-3

R.T.: 4.810 min  
Delta R.T.: -0.001 min  
Response: 57968720  
Conc: 491.63 ng/ml



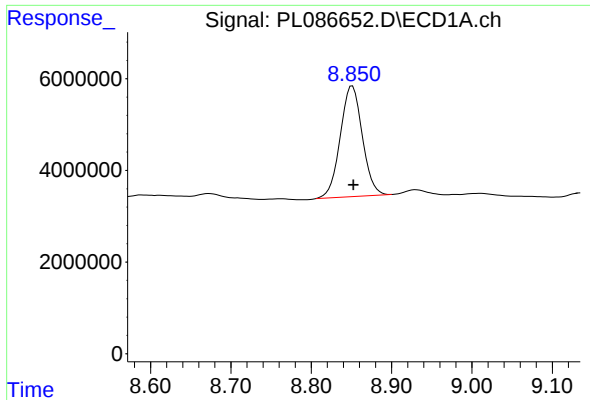
#26 Chlordane-4

R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 181186418  
Conc: 253.43 ng/ml



#26 Chlordane-4

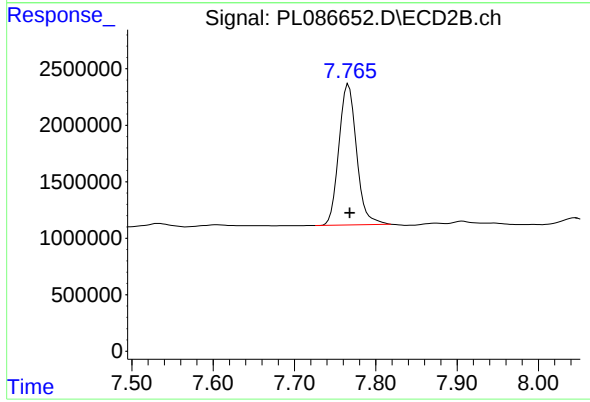
R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 57726153  
Conc: 452.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.851 min  
Delta R.T.: -0.001 min  
Response: 46053679  
Conc: 15.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: -0.001 min  
Response: 18826716  
Conc: 15.59 ng/ml