

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092723\  
 Data File : PL085535.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2023 13:23  
 Operator : AR\AJ  
 Sample : PB155880BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 21:32:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 26 01:26:21 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... | 3.415 | 2.652 | 41758434 | 18142132 | 16.236  | 15.989    |
| 28)                         | SA Decachlor... | 8.947 | 7.827 | 38843641 | 21743981 | 18.928  | 18.314    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.872 | 3.155 | 196.4E6  | 86248379 | 53.779  | 52.155    |
| 3)                          | MA gamma-BHC... | 4.205 | 3.485 | 180.8E6  | 80951992 | 50.987  | 50.487    |
| 4)                          | MA Heptachlor   | 4.794 | 3.824 | 184.1E6  | 83234976 | 54.556  | 54.457    |
| 5)                          | MB Aldrin       | 5.135 | 4.102 | 172.0E6  | 78221575 | 51.272  | 51.260    |
| 6)                          | B beta-BHC      | 4.406 | 3.787 | 74950685 | 34001527 | 47.996  | 50.413    |
| 7)                          | B delta-BHC     | 4.651 | 4.014 | 176.4E6  | 79127262 | 51.308  | 51.104    |
| 8)                          | B Heptachlo...  | 5.565 | 4.608 | 148.0E6  | 71298993 | 51.571  | 52.896    |
| 9)                          | A Endosulfan I  | 5.950 | 4.977 | 144.6E6  | 67763099 | 52.917  | 53.042    |
| 10)                         | B gamma-Chl...  | 5.823 | 4.861 | 153.6E6  | 72596122 | 52.932  | 54.121    |
| 11)                         | B alpha-Chl...  | 5.903 | 4.925 | 150.8E6  | 72218031 | 52.242  | 52.528    |
| 12)                         | B 4,4'-DDE      | 6.084 | 5.124 | 134.6E6  | 66175340 | 54.201  | 54.969    |
| 13)                         | MA Dieldrin     | 6.227 | 5.244 | 146.4E6  | 71797173 | 51.613  | 52.540    |
| 14)                         | MA Endrin       | 6.457 | 5.519 | 129.4E6  | 66857942 | 54.312  | 55.363    |
| 15)                         | B Endosulfa...  | 6.678 | 5.818 | 127.4E6  | 61618702 | 48.780  | 51.144    |
| 16)                         | A 4,4'-DDD      | 6.603 | 5.682 | 109.2E6  | 54752165 | 54.433  | 54.592    |
| 17)                         | MA 4,4'-DDT     | 6.919 | 5.933 | 123.1E6  | 61320110 | 58.630  | 57.107    |
| 18)                         | B Endrin al...  | 6.810 | 5.999 | 96742327 | 52179382 | 53.652  | 53.080    |
| 19)                         | B Endosulfa...  | 7.045 | 6.224 | 123.2E6  | 62265264 | 53.209  | 54.953    |
| 20)                         | A Methoxychlor  | 7.404 | 6.519 | 67530003 | 32990542 | 50.698  | 52.033    |
| 21)                         | B Endrin ke...  | 7.530 | 6.728 | 130.0E6  | 75665552 | 52.159  | 48.340    |
| 22)                         | Mirex           | 8.004 | 6.907 | 104.7E6  | 58701714 | 52.973  | 51.957    |
| 23)                         | Chlordane-1     | 0.000 | 3.661 | 0        | 32207    | N.D.    | 0.862 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.221 | 0        | 158376   | N.D.    | 3.417 #   |
| 25)                         | Chlordane-3     | 5.823 | 4.861 | 153.6E6  | 72596122 | 382.299 | 562.269 # |
| 26)                         | Chlordane-4     | 5.903 | 4.925 | 150.8E6  | 72218031 | 308.089 | 515.117 # |
| 27)                         | Chlordane-5     | 0.000 | 5.598 | 0        | 50475    | N.D.    | 1.358 #   |
| -----                       |                 |       |       |          |          |         |           |

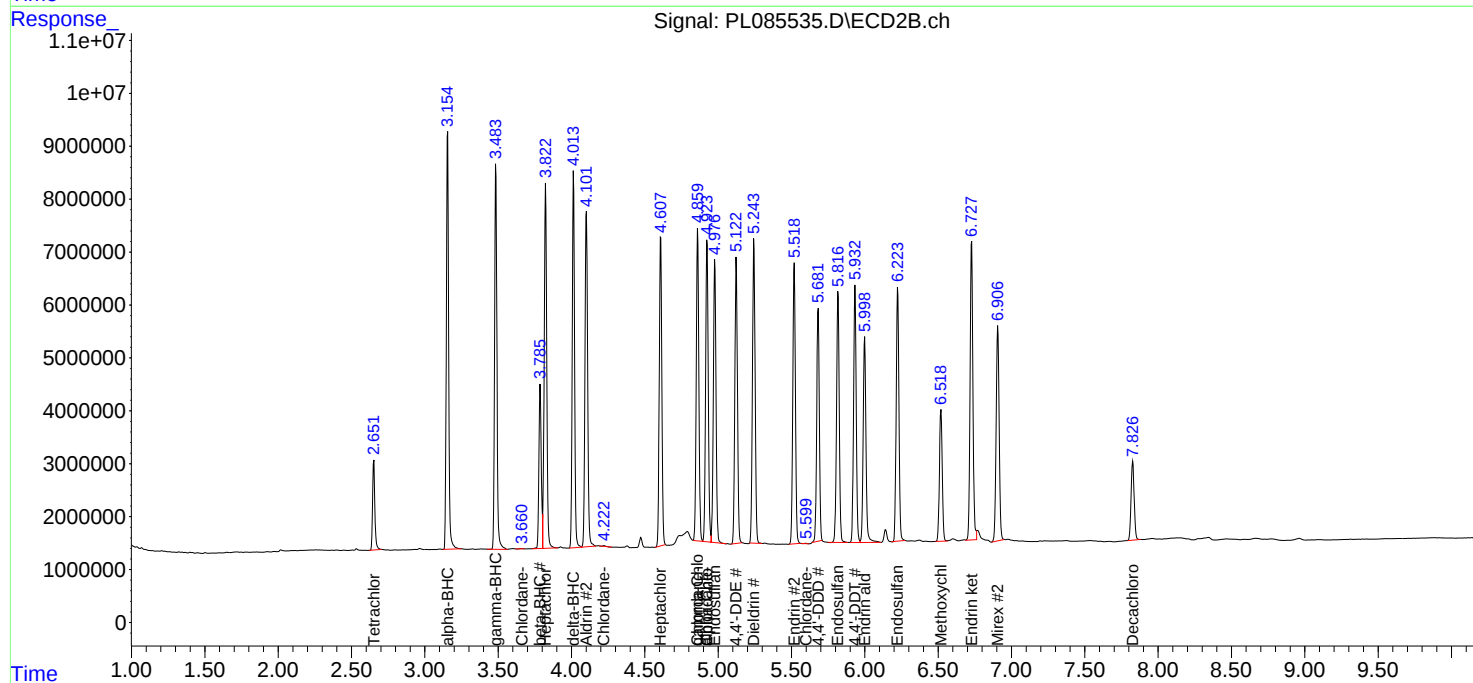
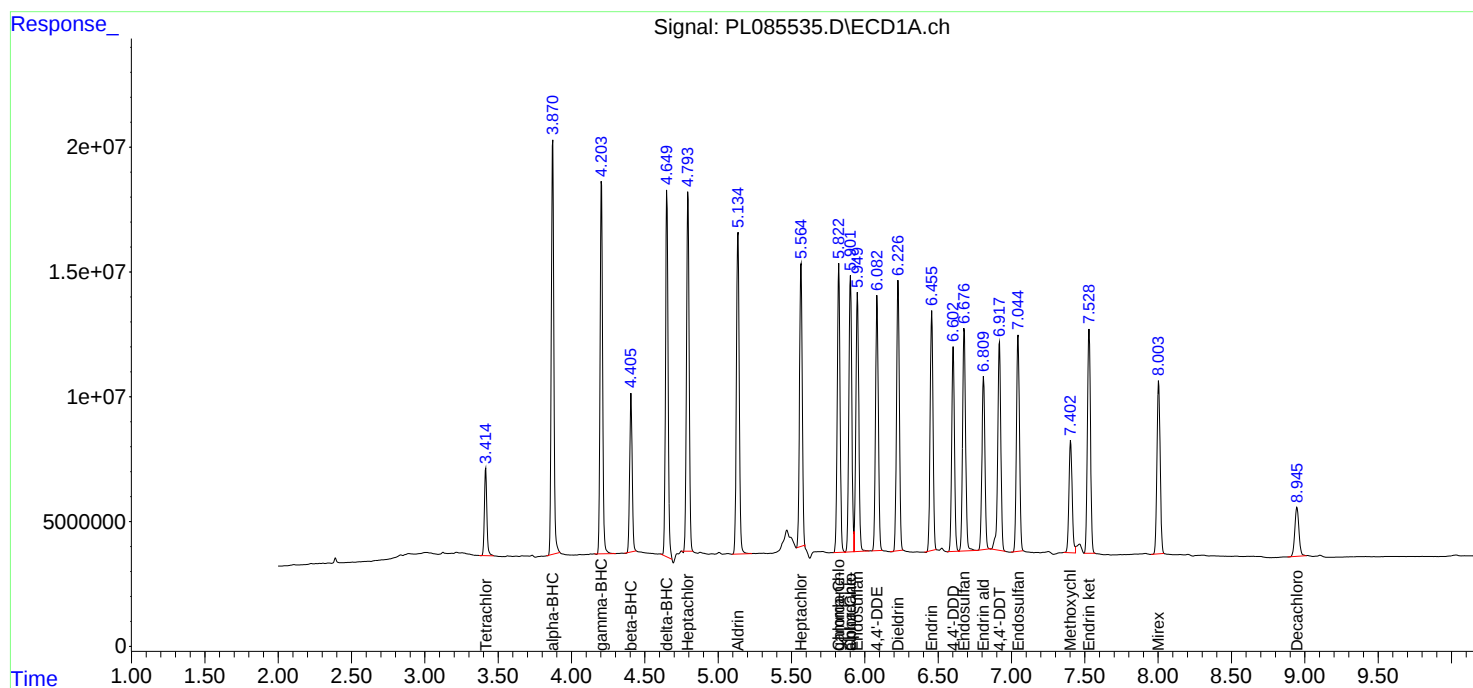
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

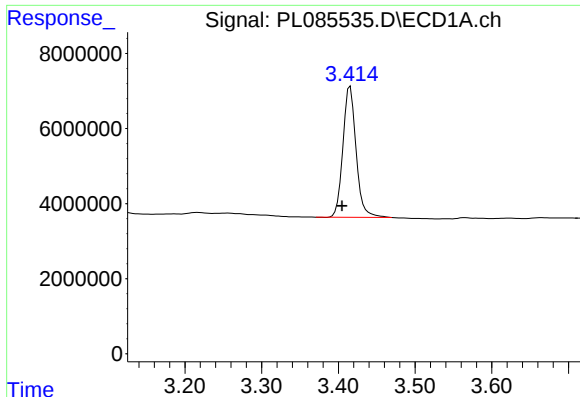
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092723\  
Data File : PL085535.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2023 13:23  
Operator : AR\AJ  
Sample : PB155880BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 21:32:31 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 26 01:26:21 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

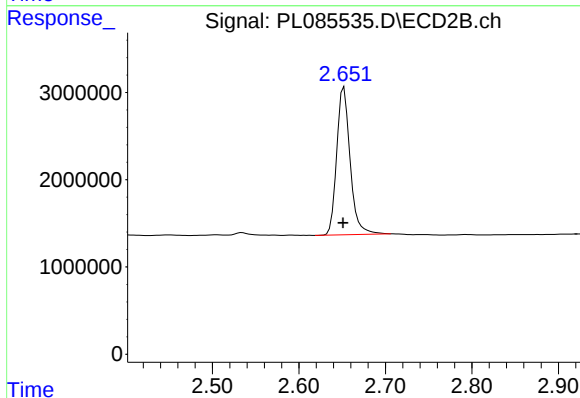




#1 Tetrachloro-m-xylene

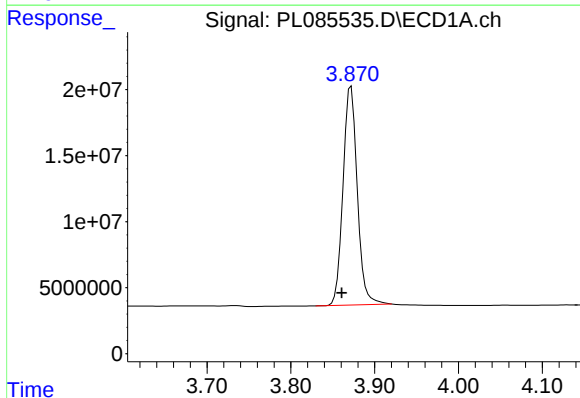
R.T.: 3.415 min  
Delta R.T.: 0.010 min  
Response: 41758434  
Conc: 16.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



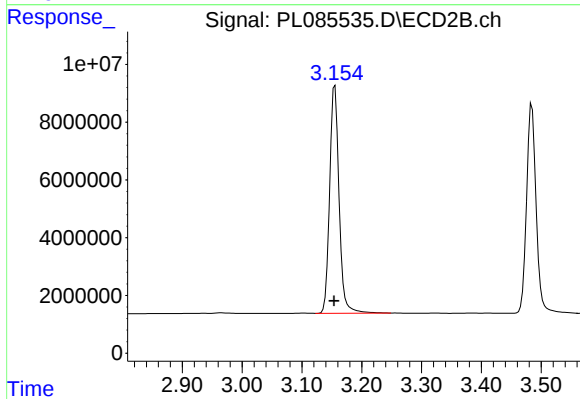
#1 Tetrachloro-m-xylene

R.T.: 2.652 min  
Delta R.T.: 0.001 min  
Response: 18142132  
Conc: 15.99 ng/ml



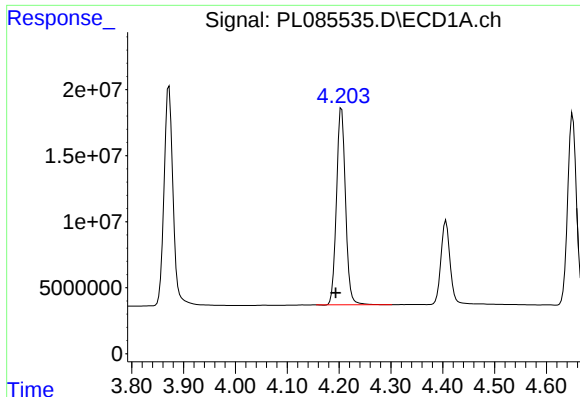
#2 alpha-BHC

R.T.: 3.872 min  
Delta R.T.: 0.011 min  
Response: 196448779  
Conc: 53.78 ng/ml



#2 alpha-BHC

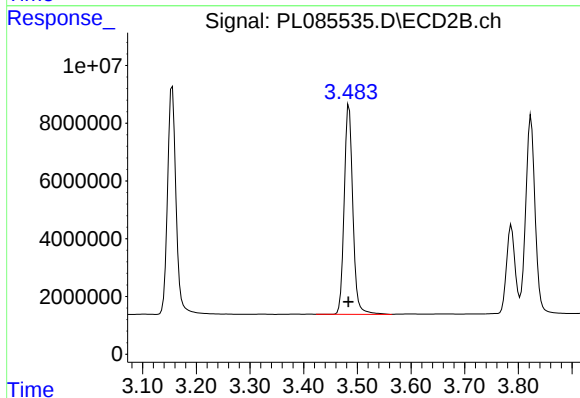
R.T.: 3.155 min  
Delta R.T.: 0.001 min  
Response: 86248379  
Conc: 52.15 ng/ml



#3 gamma-BHC (Lindane)

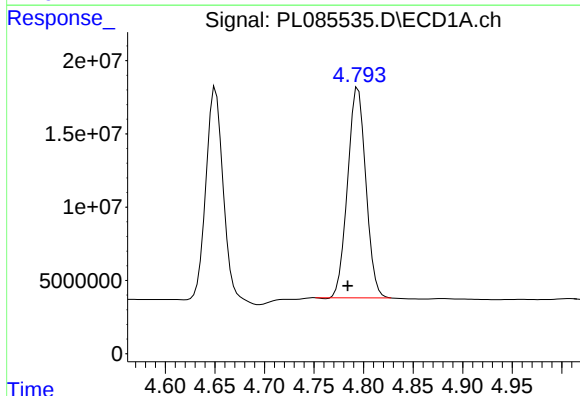
R.T.: 4.205 min  
Delta R.T.: 0.011 min  
Response: 180820810  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



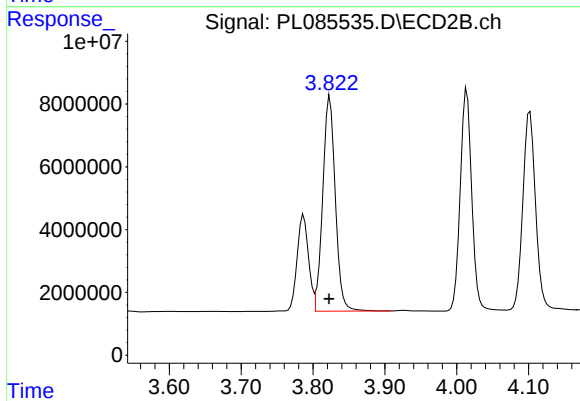
#3 gamma-BHC (Lindane)

R.T.: 3.485 min  
Delta R.T.: 0.001 min  
Response: 80951992  
Conc: 50.49 ng/ml



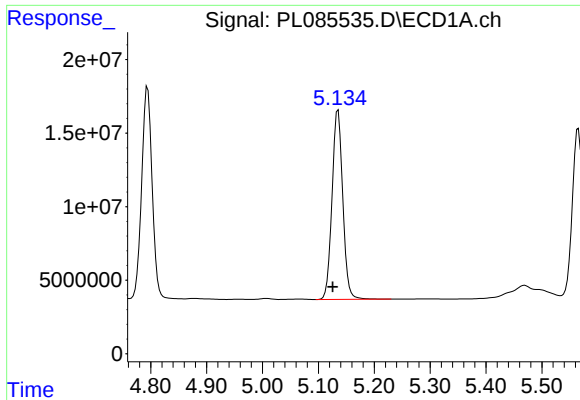
#4 Heptachlor

R.T.: 4.794 min  
Delta R.T.: 0.010 min  
Response: 184146344  
Conc: 54.56 ng/ml



#4 Heptachlor

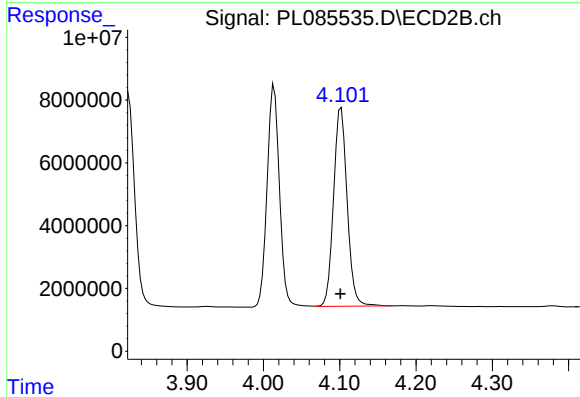
R.T.: 3.824 min  
Delta R.T.: 0.000 min  
Response: 83234976  
Conc: 54.46 ng/ml



#5 Aldrin

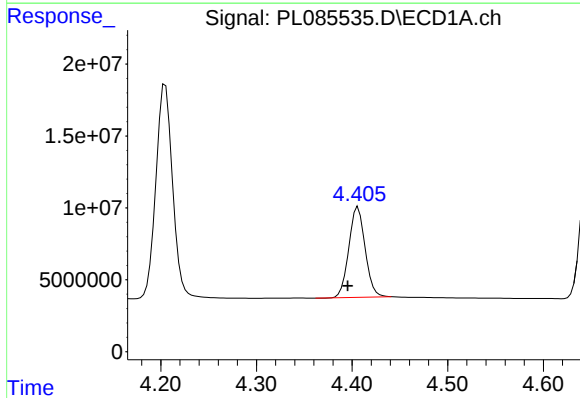
R.T.: 5.135 min  
Delta R.T.: 0.010 min  
Response: 171983491  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



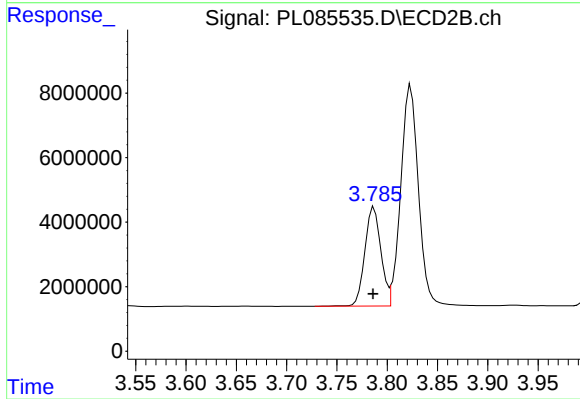
#5 Aldrin

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 78221575  
Conc: 51.26 ng/ml



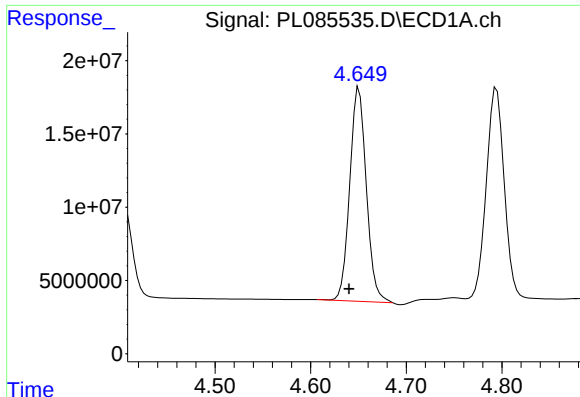
#6 beta-BHC

R.T.: 4.406 min  
Delta R.T.: 0.011 min  
Response: 74950685  
Conc: 48.00 ng/ml



#6 beta-BHC

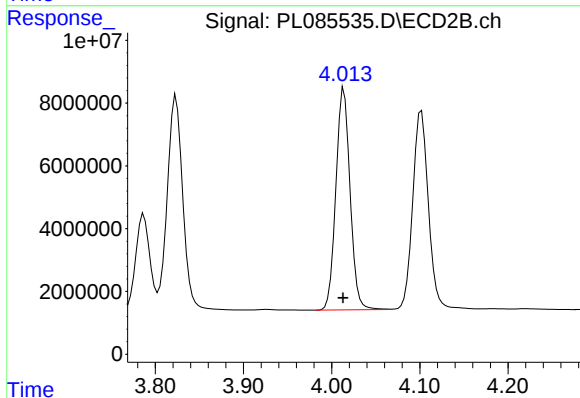
R.T.: 3.787 min  
Delta R.T.: 0.001 min  
Response: 34001527  
Conc: 50.41 ng/ml



#7 delta-BHC

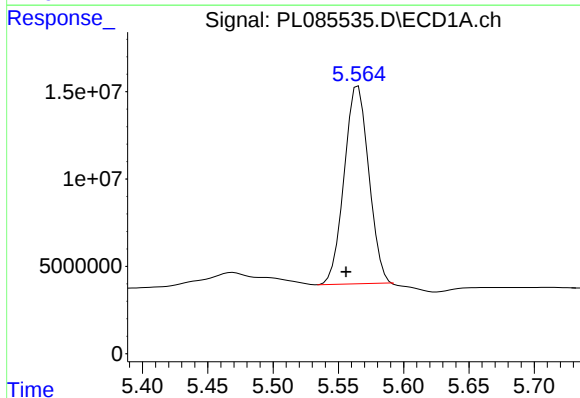
R.T.: 4.651 min  
Delta R.T.: 0.011 min  
Response: 176395003  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



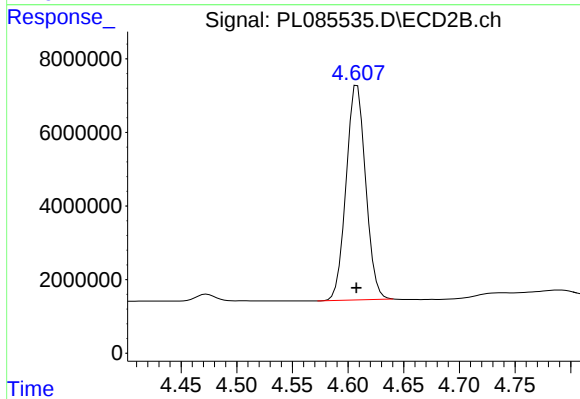
#7 delta-BHC

R.T.: 4.014 min  
Delta R.T.: 0.000 min  
Response: 79127262  
Conc: 51.10 ng/ml



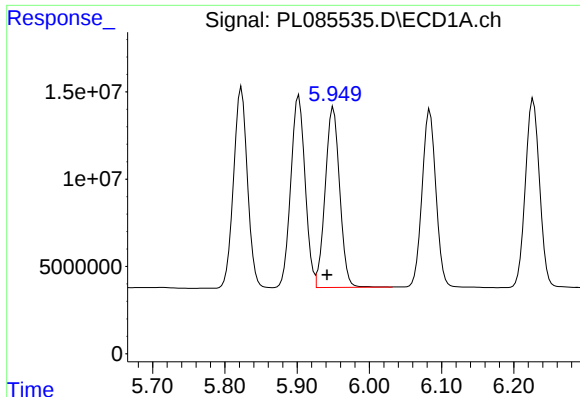
#8 Heptachlor epoxide

R.T.: 5.565 min  
Delta R.T.: 0.009 min  
Response: 148049846  
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

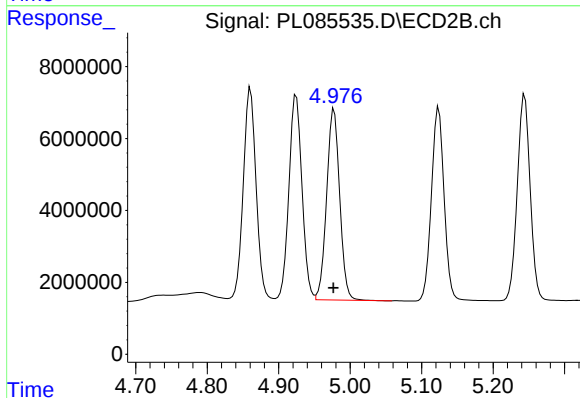
R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 71298993  
Conc: 52.90 ng/ml



#9 Endosulfan I

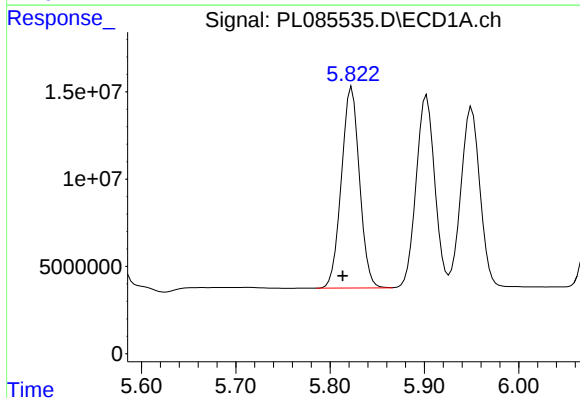
R.T.: 5.950 min  
Delta R.T.: 0.009 min  
Response: 144550312  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



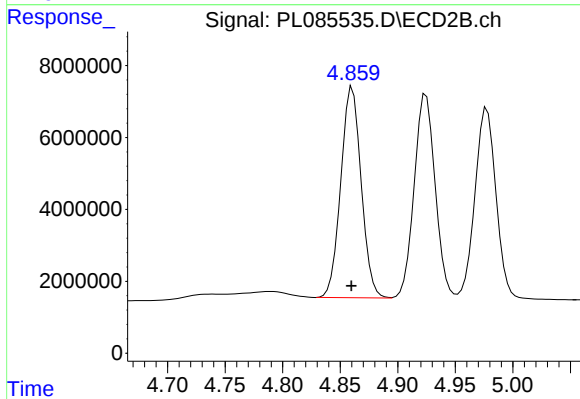
#9 Endosulfan I

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 67763099  
Conc: 53.04 ng/ml



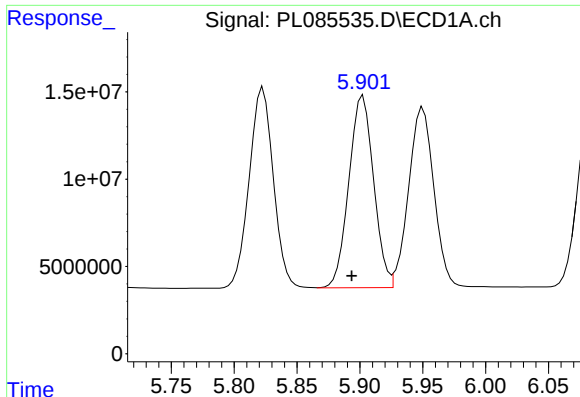
#10 gamma-Chlordane

R.T.: 5.823 min  
Delta R.T.: 0.009 min  
Response: 153613270  
Conc: 52.93 ng/ml



#10 gamma-Chlordane

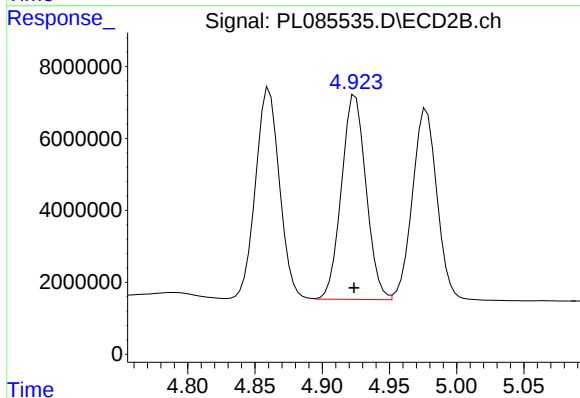
R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 72596122  
Conc: 54.12 ng/ml



#11 alpha-Chlordane

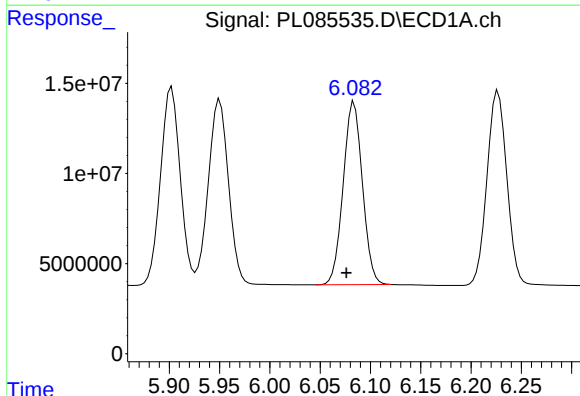
R.T.: 5.903 min  
Delta R.T.: 0.009 min  
Response: 150805757  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



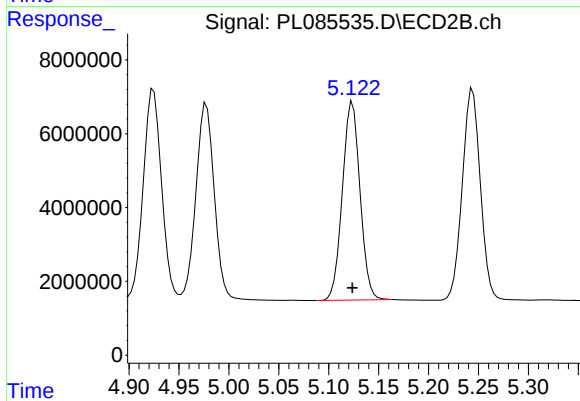
#11 alpha-Chlordane

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 72218031  
Conc: 52.53 ng/ml



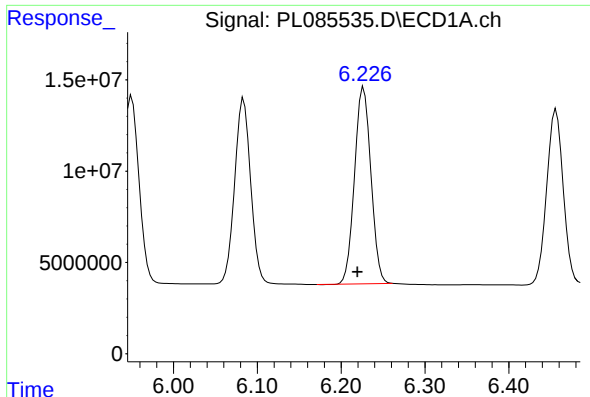
#12 4,4'-DDE

R.T.: 6.084 min  
Delta R.T.: 0.008 min  
Response: 134626744  
Conc: 54.20 ng/ml



#12 4,4'-DDE

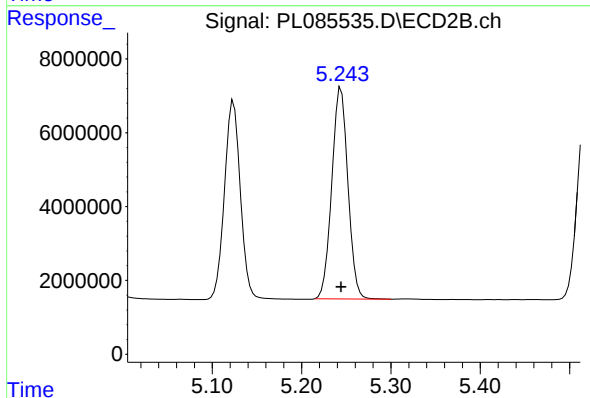
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 66175340  
Conc: 54.97 ng/ml



#13 Dieldrin

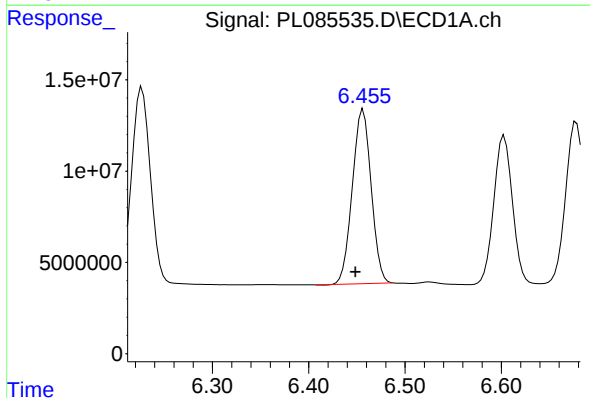
R.T.: 6.227 min  
Delta R.T.: 0.007 min  
Response: 146393069  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



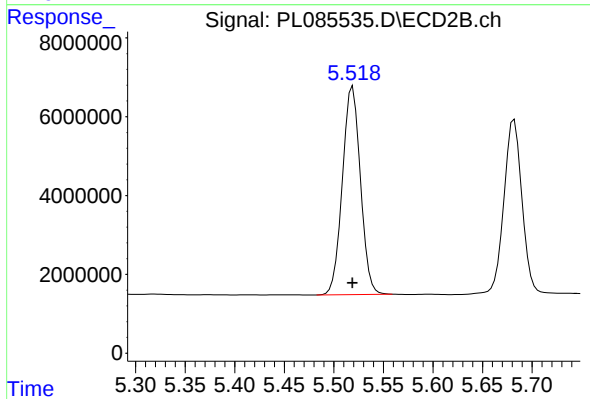
#13 Dieldrin

R.T.: 5.244 min  
Delta R.T.: 0.000 min  
Response: 71797173  
Conc: 52.54 ng/ml



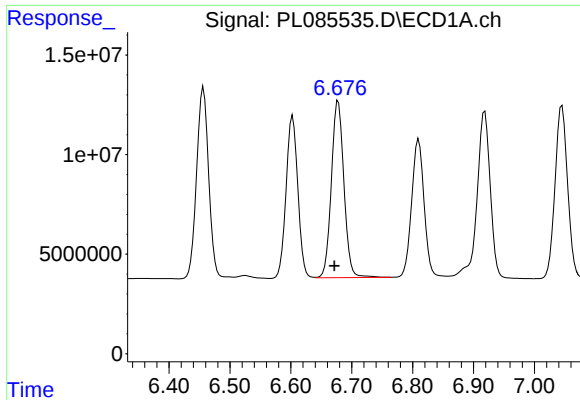
#14 Endrin

R.T.: 6.457 min  
Delta R.T.: 0.008 min  
Response: 129412676  
Conc: 54.31 ng/ml



#14 Endrin

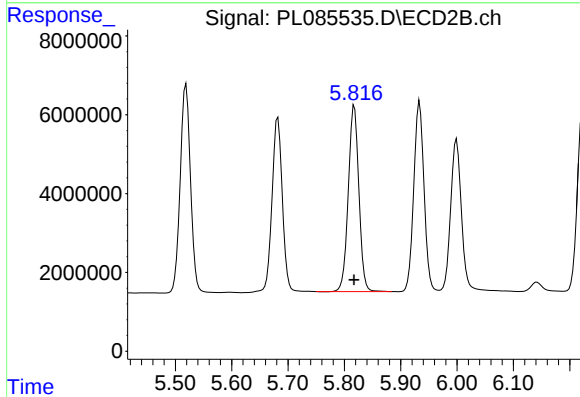
R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 66857942  
Conc: 55.36 ng/ml



#15 Endosulfan II

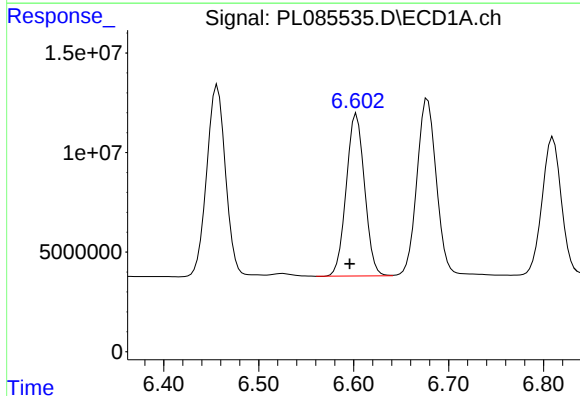
R.T.: 6.678 min  
Delta R.T.: 0.006 min  
Response: 127437109  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



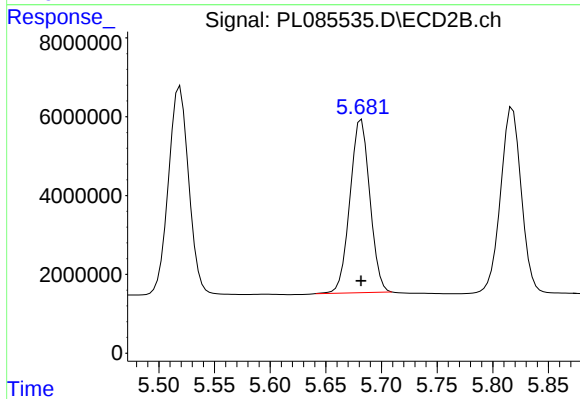
#15 Endosulfan II

R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 61618702  
Conc: 51.14 ng/ml



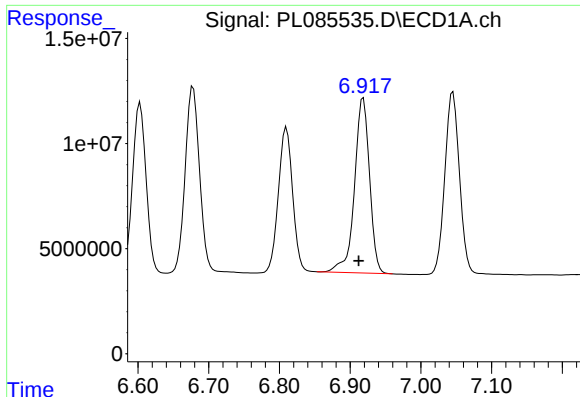
#16 4,4'-DDD

R.T.: 6.603 min  
Delta R.T.: 0.007 min  
Response: 109170327  
Conc: 54.43 ng/ml



#16 4,4'-DDD

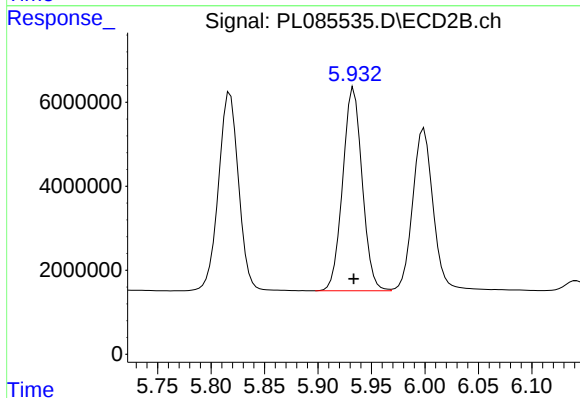
R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 54752165  
Conc: 54.59 ng/ml



#17 4,4'-DDT

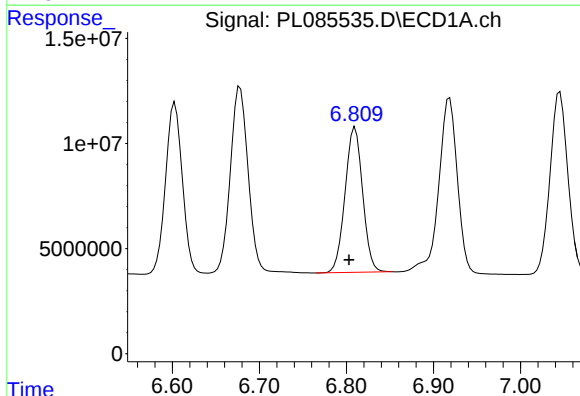
R.T.: 6.919 min  
Delta R.T.: 0.006 min  
Response: 123090780  
Conc: 58.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



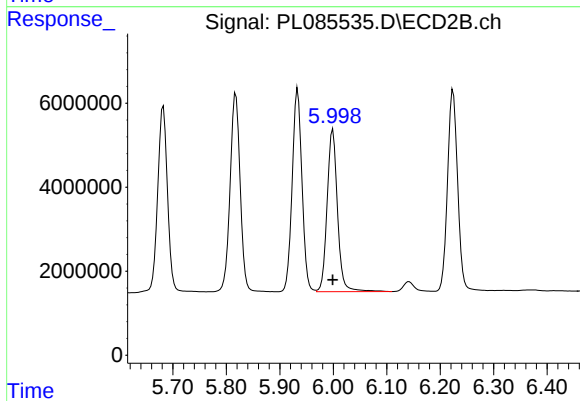
#17 4,4'-DDT

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 61320110  
Conc: 57.11 ng/ml



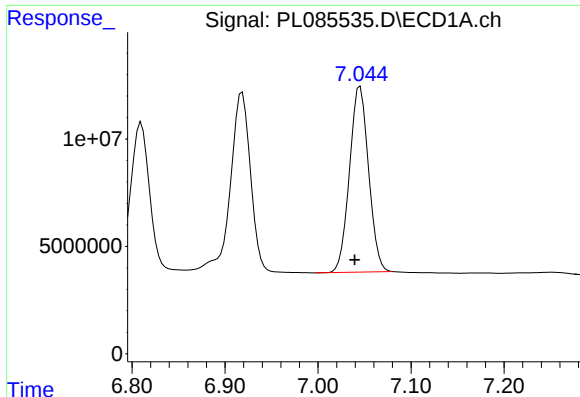
#18 Endrin aldehyde

R.T.: 6.810 min  
Delta R.T.: 0.007 min  
Response: 96742327  
Conc: 53.65 ng/ml



#18 Endrin aldehyde

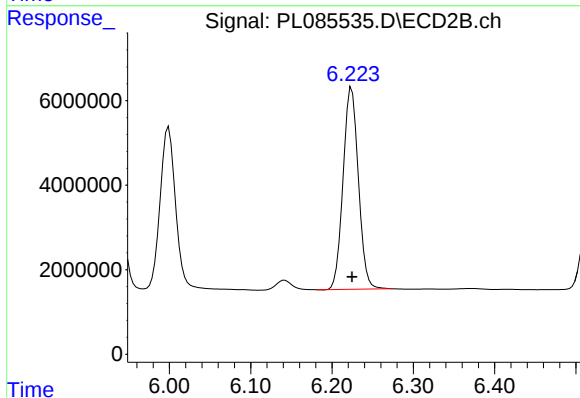
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 52179382  
Conc: 53.08 ng/ml



#19 Endosulfan Sulfate

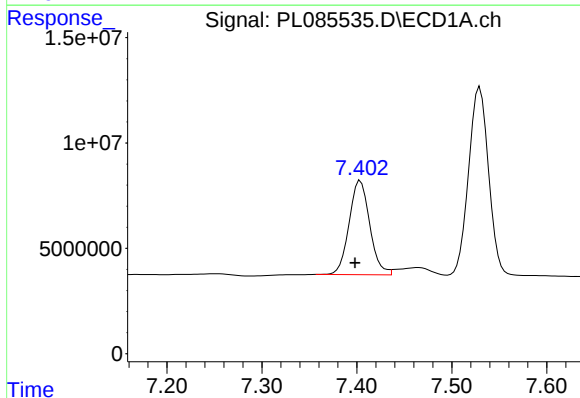
R.T.: 7.045 min  
Delta R.T.: 0.006 min  
Response: 123213832  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



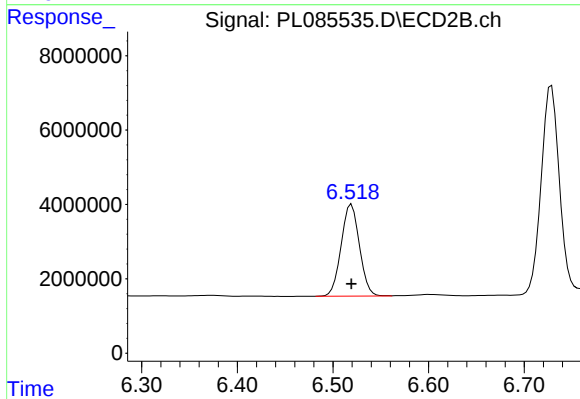
#19 Endosulfan Sulfate

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 62265264  
Conc: 54.95 ng/ml



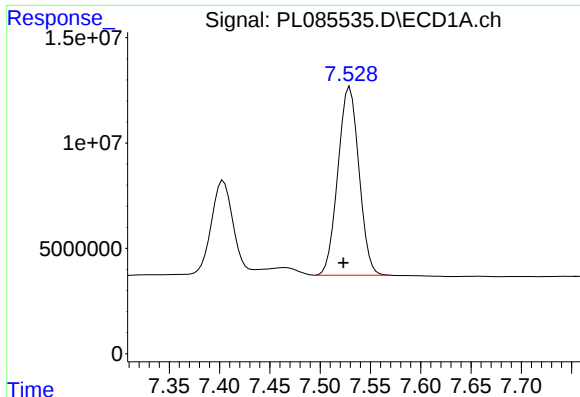
#20 Methoxychlor

R.T.: 7.404 min  
Delta R.T.: 0.006 min  
Response: 67530003  
Conc: 50.70 ng/ml



#20 Methoxychlor

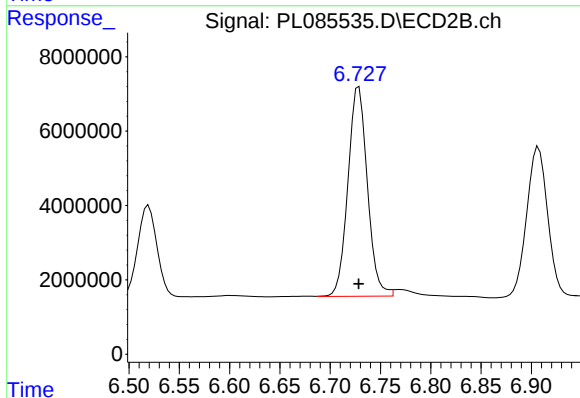
R.T.: 6.519 min  
Delta R.T.: 0.000 min  
Response: 32990542  
Conc: 52.03 ng/ml



#21 Endrin ketone

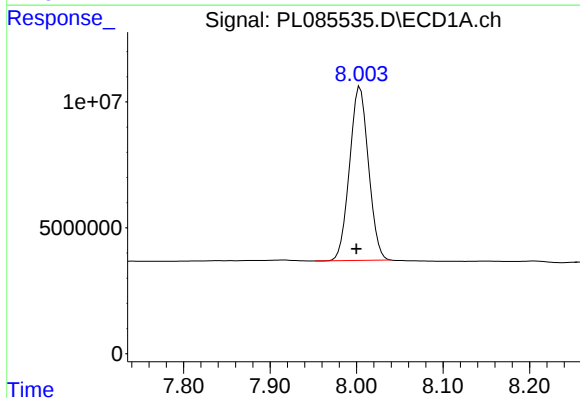
R.T.: 7.530 min  
Delta R.T.: 0.006 min  
Response: 129966422  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



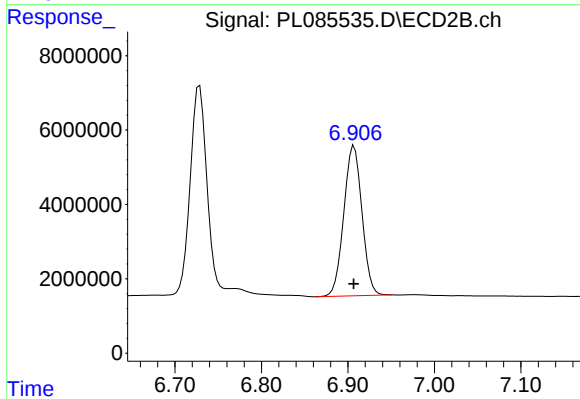
#21 Endrin ketone

R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 75665552  
Conc: 48.34 ng/ml



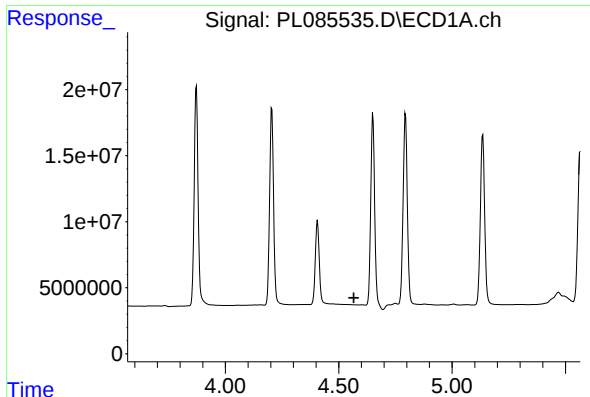
#22 Mirex

R.T.: 8.004 min  
Delta R.T.: 0.004 min  
Response: 104697954  
Conc: 52.97 ng/ml



#22 Mirex

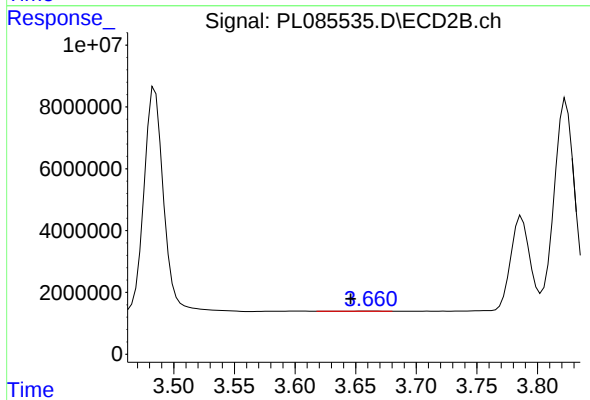
R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 58701714  
Conc: 51.96 ng/ml



#23 Chlordane-1

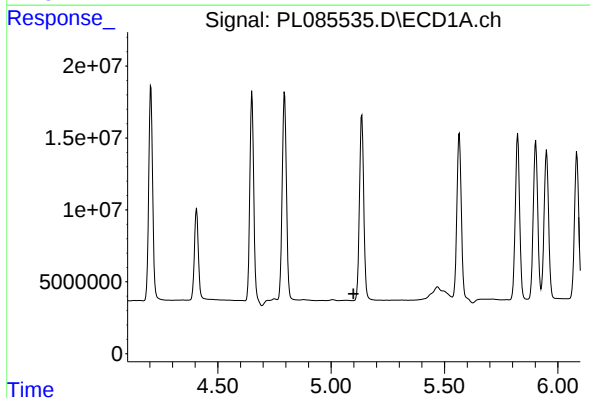
R.T.: 0.000 min  
Exp R.T.: 4.566 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



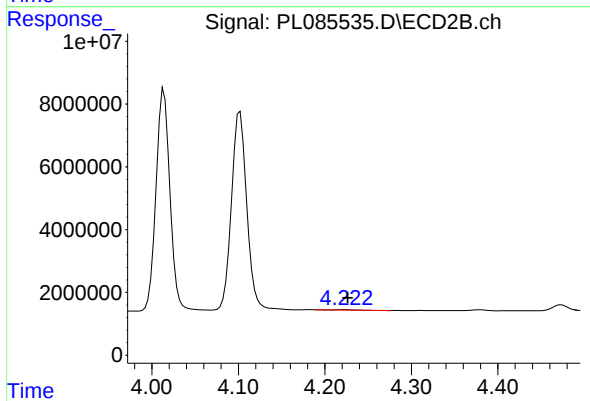
#23 Chlordane-1

R.T.: 3.661 min  
Delta R.T.: 0.015 min  
Response: 32207  
Conc: 0.86 ng/ml



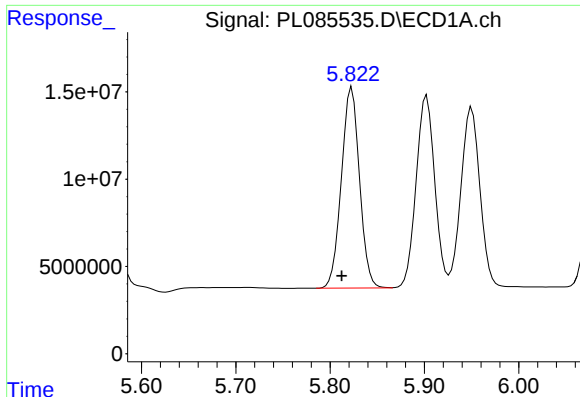
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.099 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

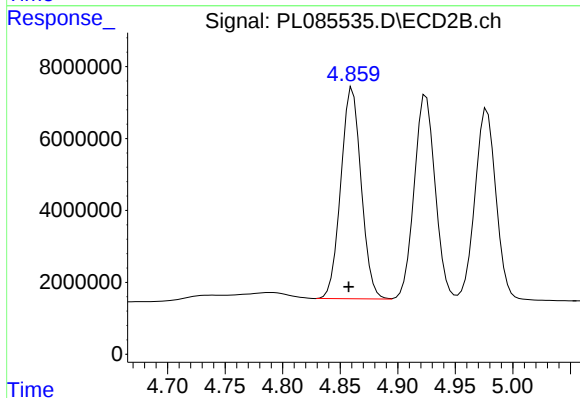
R.T.: 4.221 min  
Delta R.T.: -0.005 min  
Response: 158376  
Conc: 3.42 ng/ml



#25 Chlordane-3

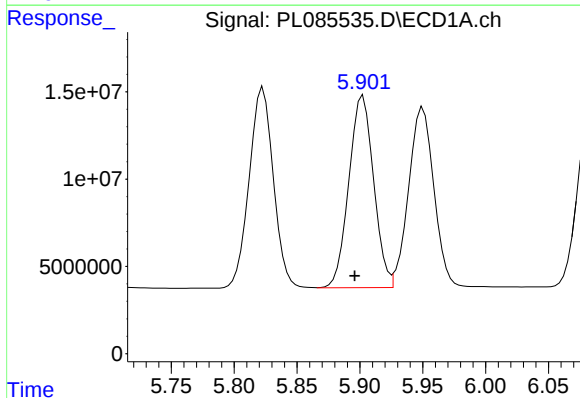
R.T.: 5.823 min  
Delta R.T.: 0.011 min  
Response: 153613270  
Conc: 382.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



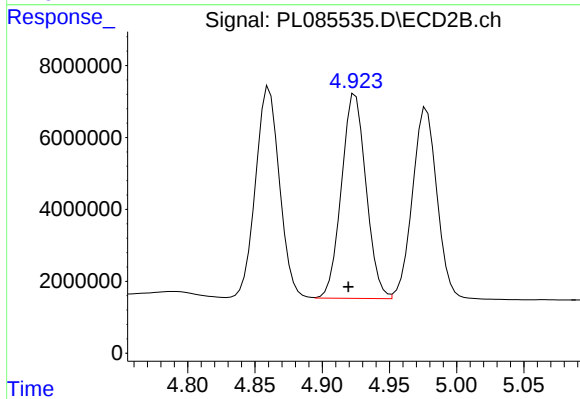
#25 Chlordane-3

R.T.: 4.861 min  
Delta R.T.: 0.003 min  
Response: 72596122  
Conc: 562.27 ng/ml



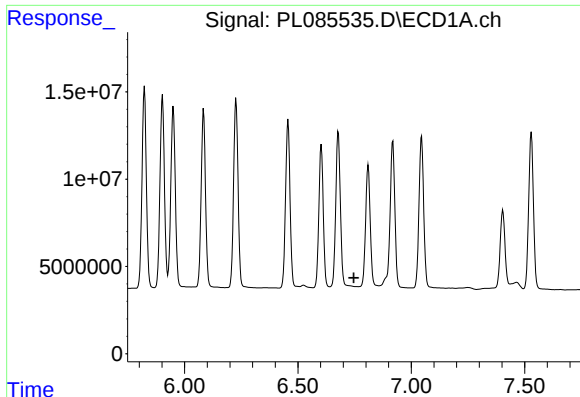
#26 Chlordane-4

R.T.: 5.903 min  
Delta R.T.: 0.007 min  
Response: 150805757  
Conc: 308.09 ng/ml



#26 Chlordane-4

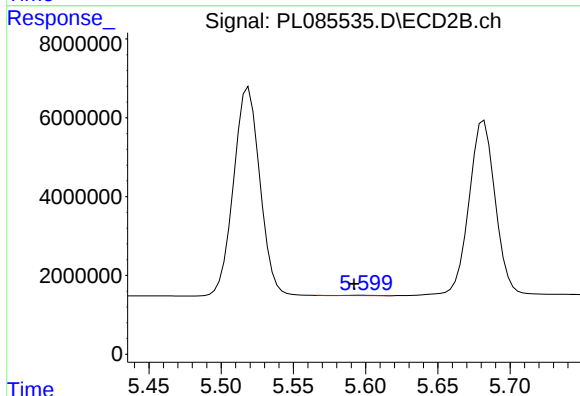
R.T.: 4.925 min  
Delta R.T.: 0.005 min  
Response: 72218031  
Conc: 515.12 ng/ml



#27 Chlordane-5

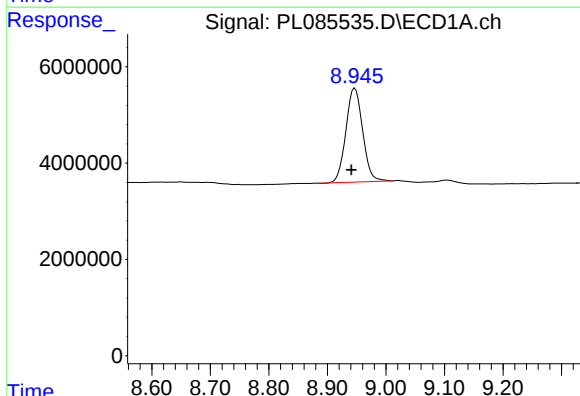
R.T.: 0.000 min  
Exp R.T.: 6.746 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



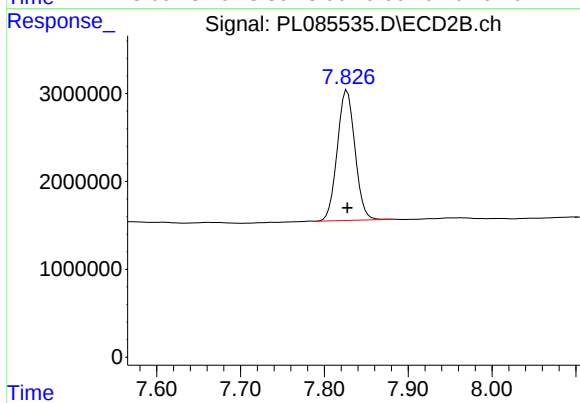
#27 Chlordane-5

R.T.: 5.598 min  
Delta R.T.: 0.006 min  
Response: 50475  
Conc: 1.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: 0.006 min  
Response: 38843641  
Conc: 18.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min  
Delta R.T.: 0.000 min  
Response: 21743981  
Conc: 18.31 ng/ml