

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091123\  
 Data File : PL085243.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Sep 2023 13:34  
 Operator : AR\AJ  
 Sample : 04351-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 22:14:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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... | 3.476  | 2.684 | 34691000 | 16345572 | 14.183   | 14.386     |
| 28)                         | SA Decachlor... | 9.025  | 7.862 | 21235957 | 15817134 | 13.206   | 11.883     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.934  | 3.189 | 160.6E6  | 77000714 | 46.597   | 47.081     |
| 3)                          | MA gamma-BHC... | 4.268  | 3.519 | 149.0E6  | 71342523 | 44.883   | 44.701     |
| 4)                          | MA Heptachlor   | 4.860  | 3.860 | 151.6E6  | 70400931 | 45.982   | 46.389     |
| 5)                          | MB Aldrin       | 5.203  | 4.139 | 138.8E6  | 69953133 | 45.151   | 45.760     |
| 6)                          | B beta-BHC      | 4.468  | 3.821 | 66342492 | 31615844 | 46.941   | 46.594     |
| 7)                          | B delta-BHC     | 4.715  | 4.049 | 141.4E6  | 70665936 | 44.724   | 45.193     |
| 8)                          | B Heptachlo...  | 5.632  | 4.645 | 125.6E6  | 64201429 | 48.131   | 46.784     |
| 9)                          | A Endosulfan I  | 6.018  | 5.015 | 113.3E6  | 61451315 | 47.171   | 44.412     |
| 10)                         | B gamma-Chl...  | 5.890  | 4.898 | 121.4E6  | 65758232 | 46.739   | 47.675     |
| 11)                         | B alpha-Chl...  | 5.970  | 4.962 | 119.9E6  | 65552757 | 46.614   | 43.866     |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.160 | 103.6E6  | 60902603 | 49.838   | 48.955     |
| 13)                         | MA Dieldrin     | 6.296  | 5.282 | 110.6E6  | 63970605 | 45.377   | 45.503     |
| 14)                         | MA Endrin       | 6.525  | 5.557 | 95414959 | 59937133 | 46.191   | 46.891     |
| 15)                         | B Endosulfa...  | 6.748  | 5.855 | 66749592 | 54898612 | 32.986   | 44.337 #   |
| 16)                         | A 4,4'-DDD      | 6.668  | 5.718 | 88389401 | 52109670 | 57.409   | 49.600     |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.970 | 82456990 | 51967585 | 48.948   | 44.575     |
| 18)                         | B Endrin al...  | 6.877  | 6.037 | 66756387 | 42119364 | 43.429   | 41.236     |
| 19)                         | B Endosulfa...  | 7.113  | 6.262 | 86893119 | 54481513 | 46.422   | 45.401     |
| 20)                         | A Methoxychlor  | 7.466  | 6.554 | 42340231 | 28808093 | 46.599   | 42.823     |
| 21)                         | B Endrin ke...  | 7.597  | 6.766 | 87932270 | 64561730 | 44.889   | 43.771     |
| 22)                         | Mirex           | 8.072  | 6.946 | 74330004 | 51382876 | 44.630   | 43.390     |
| 23)                         | Chlordane-1     | 4.672f | 3.683 | -32578   | 71423    | N.D.     | 1.838      |
| 24)                         | Chlordane-2     | 5.203f | 4.256 | 138.8E6  | 3132600  | 1325.242 | 64.996 #   |
| 25)                         | Chlordane-3     | 5.890  | 4.898 | 121.4E6  | 65758232 | 335.925  | 489.716 #  |
| 26)                         | Chlordane-4     | 5.970  | 4.962 | 119.9E6  | 65552757 | 276.455  | 440.817 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.855 | 0        | 54898612 | N.D.     | 1078.452 # |
| -----                       |                 |        |       |          |          |          |            |

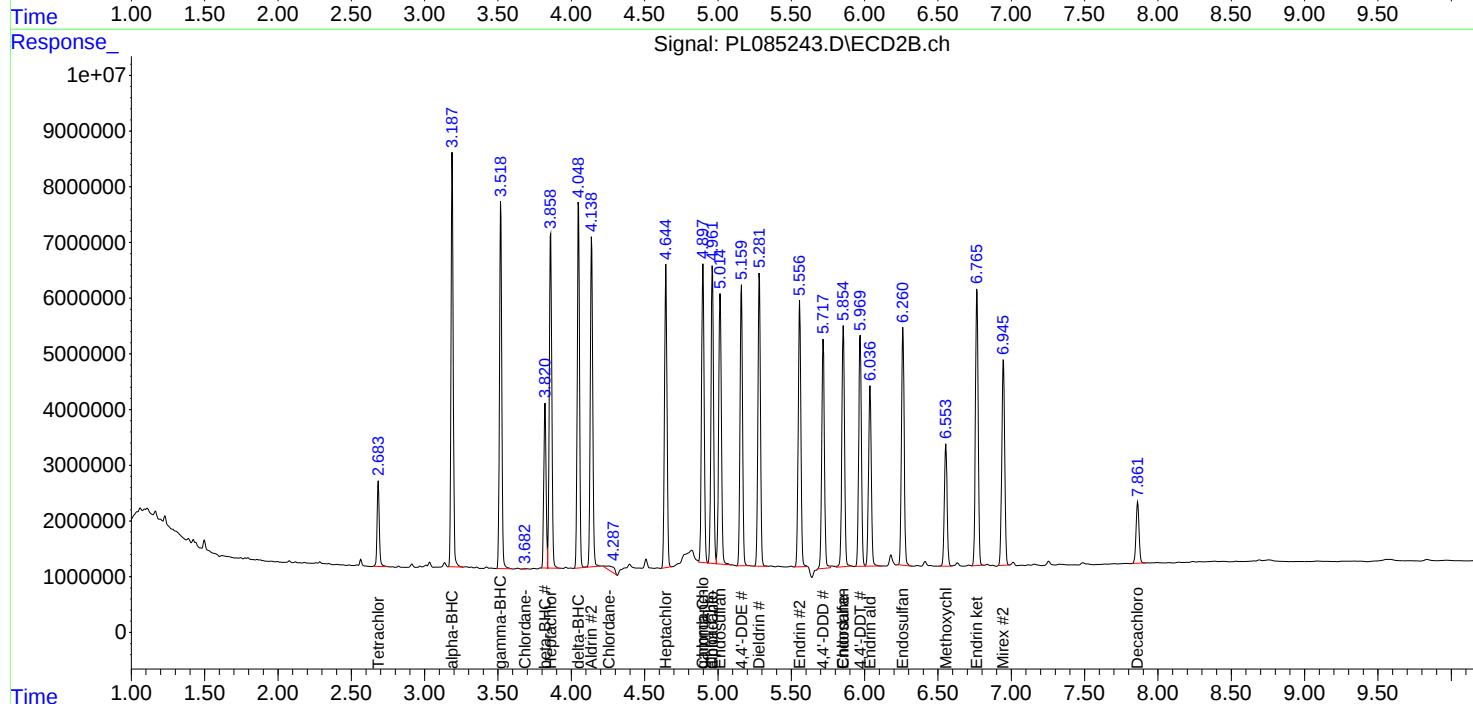
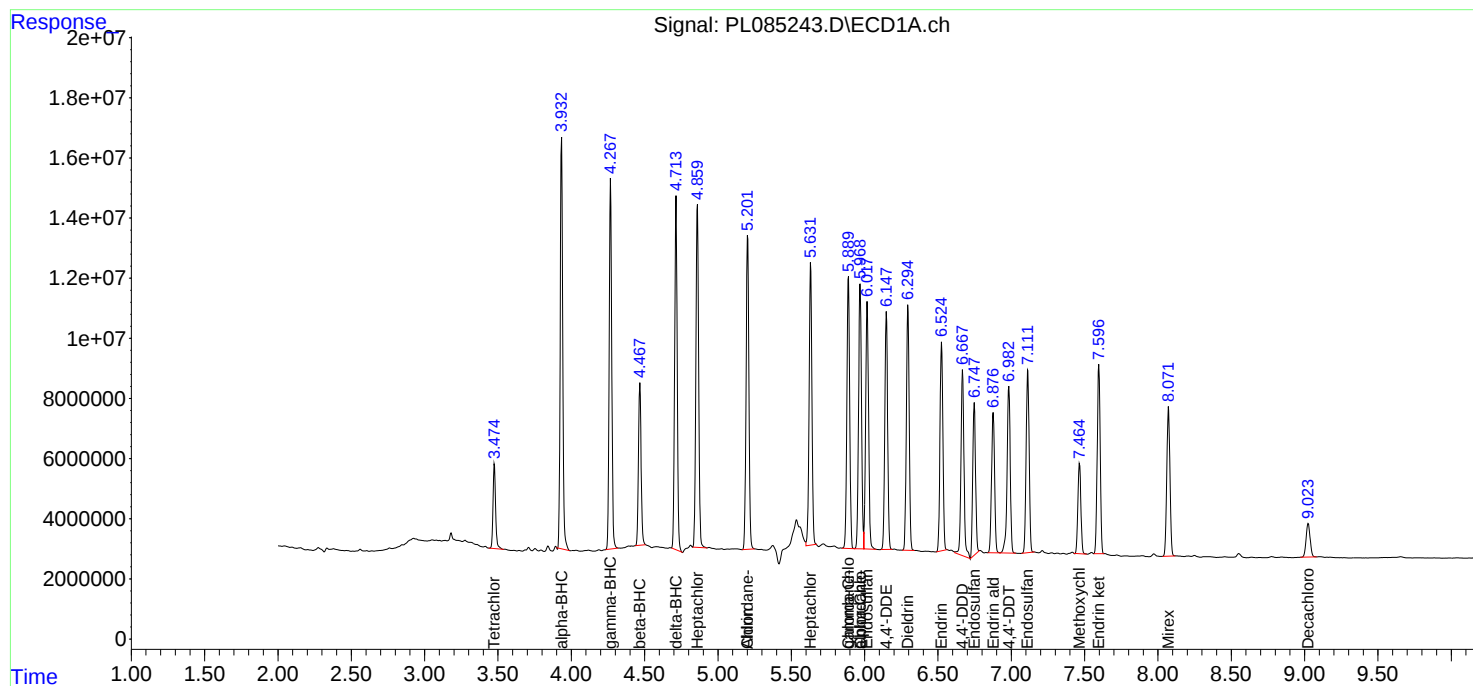
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

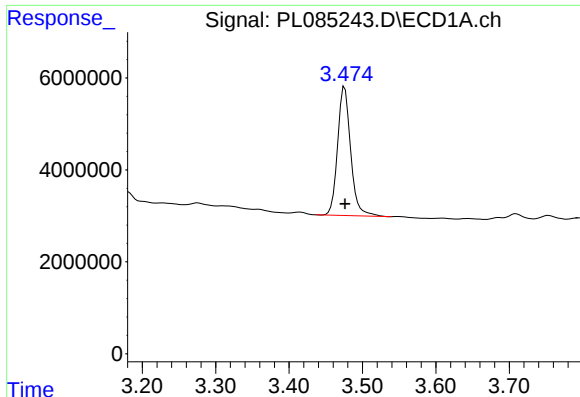
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091123\  
Data File : PL085243.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Sep 2023 13:34  
Operator : AR\AJ  
Sample : 04351-02MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 22:14:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 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

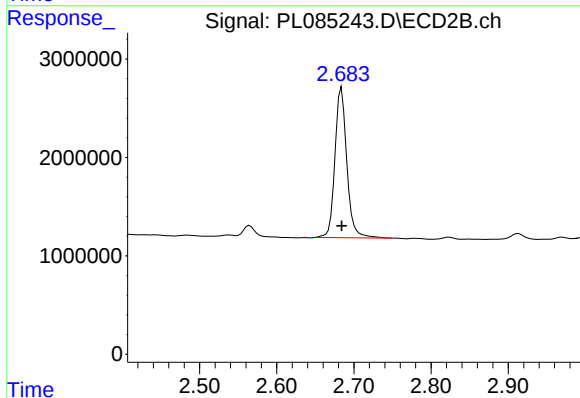




#1 Tetrachloro-m-xylene

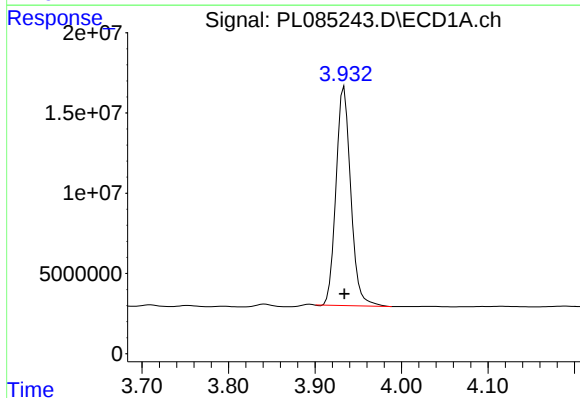
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 34691000  
Conc: 14.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



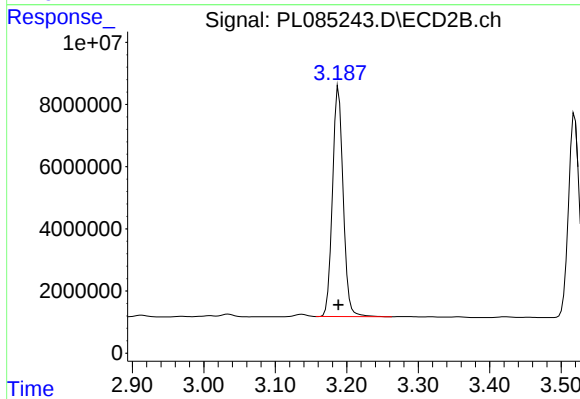
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: 0.000 min  
Response: 16345572  
Conc: 14.39 ng/ml



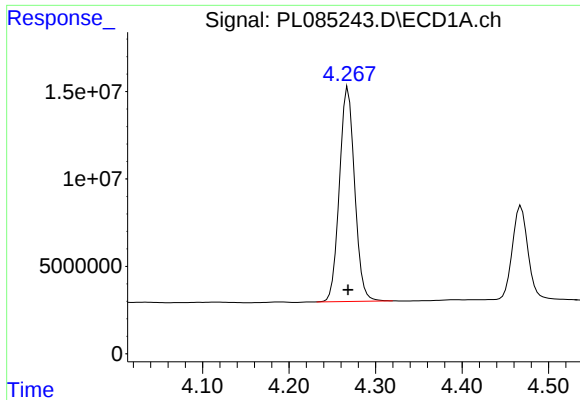
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 160565361  
Conc: 46.60 ng/ml



#2 alpha-BHC

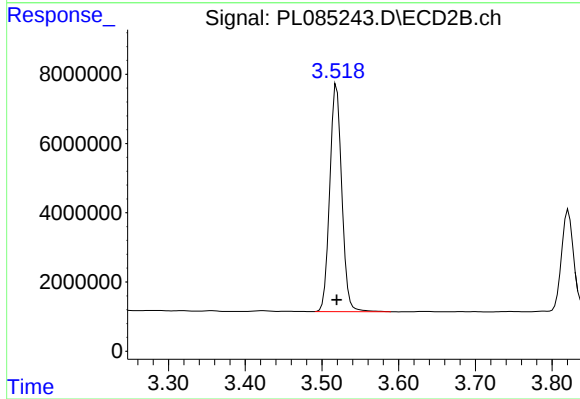
R.T.: 3.189 min  
Delta R.T.: 0.000 min  
Response: 77000714  
Conc: 47.08 ng/ml



#3 gamma-BHC (Lindane)

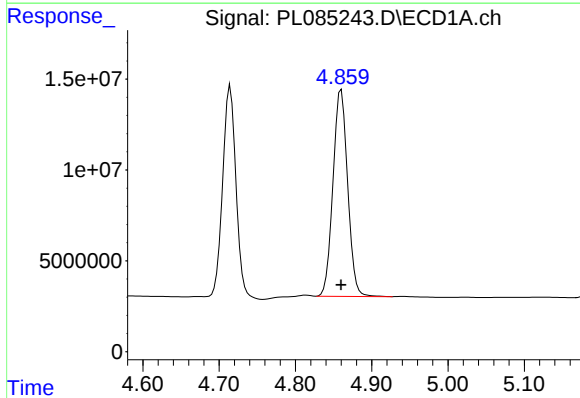
R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 148997105  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



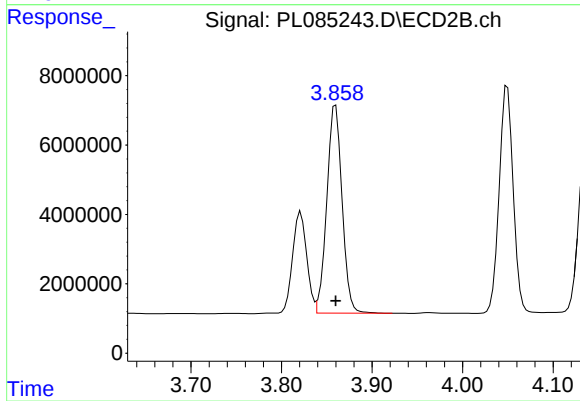
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: 0.000 min  
Response: 71342523  
Conc: 44.70 ng/ml



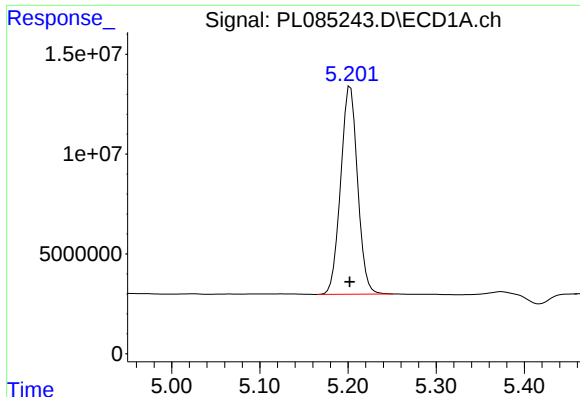
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.000 min  
Response: 151620828  
Conc: 45.98 ng/ml



#4 Heptachlor

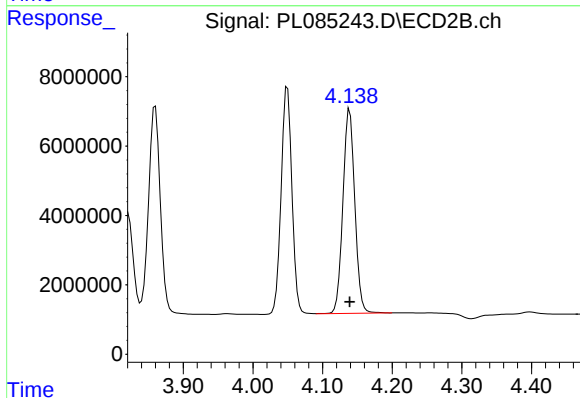
R.T.: 3.860 min  
Delta R.T.: 0.000 min  
Response: 70400931  
Conc: 46.39 ng/ml



#5 Aldrin

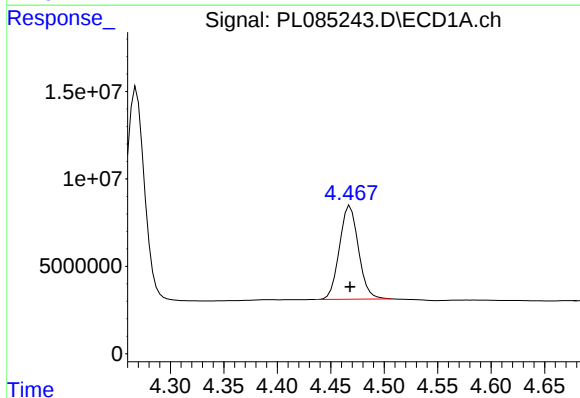
R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 138833115  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



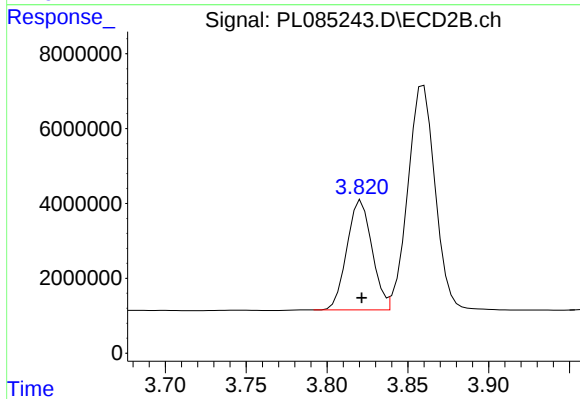
#5 Aldrin

R.T.: 4.139 min  
Delta R.T.: 0.000 min  
Response: 69953133  
Conc: 45.76 ng/ml



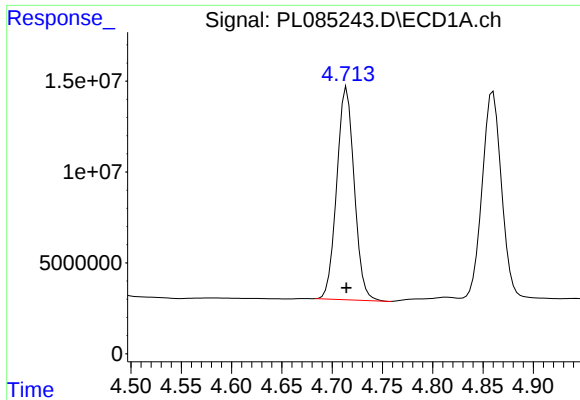
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 66342492  
Conc: 46.94 ng/ml



#6 beta-BHC

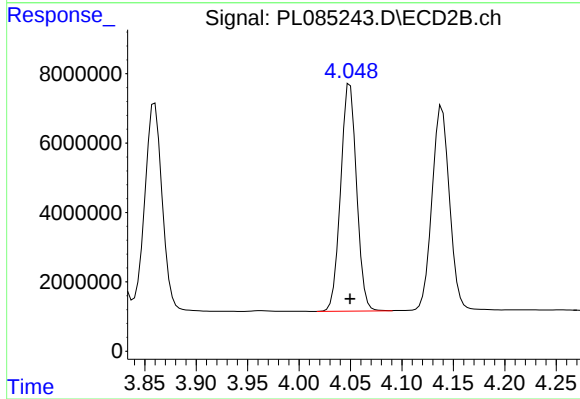
R.T.: 3.821 min  
Delta R.T.: 0.000 min  
Response: 31615844  
Conc: 46.59 ng/ml



#7 delta-BHC

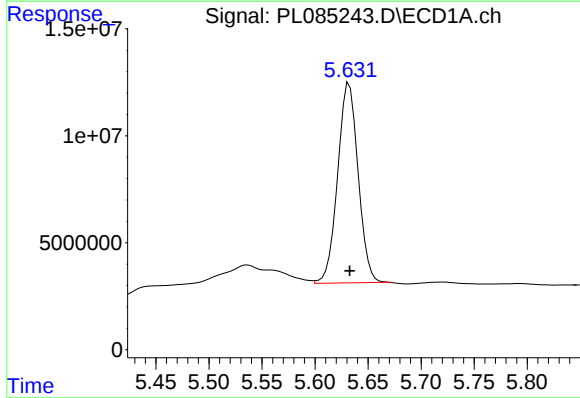
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 141353487  
Conc: 44.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



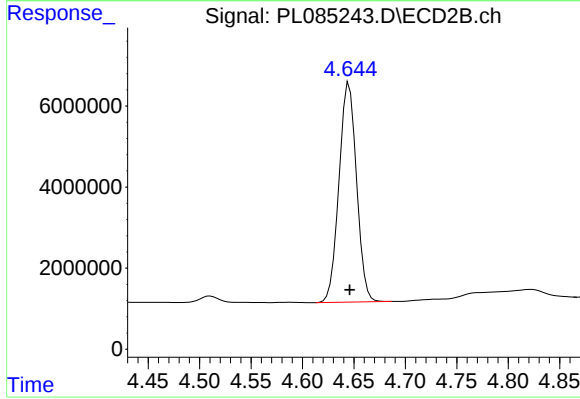
#7 delta-BHC

R.T.: 4.049 min  
Delta R.T.: 0.000 min  
Response: 70665936  
Conc: 45.19 ng/ml



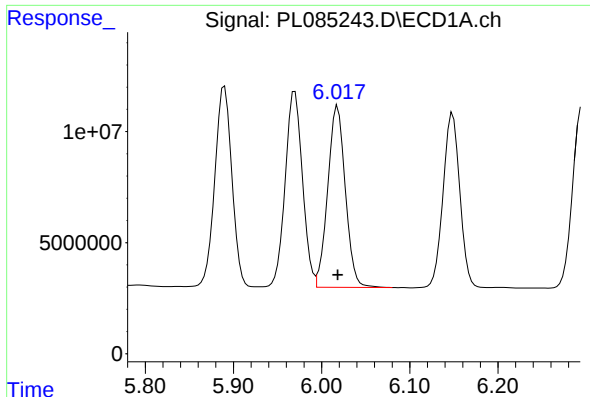
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 125620305  
Conc: 48.13 ng/ml



#8 Heptachlor epoxide

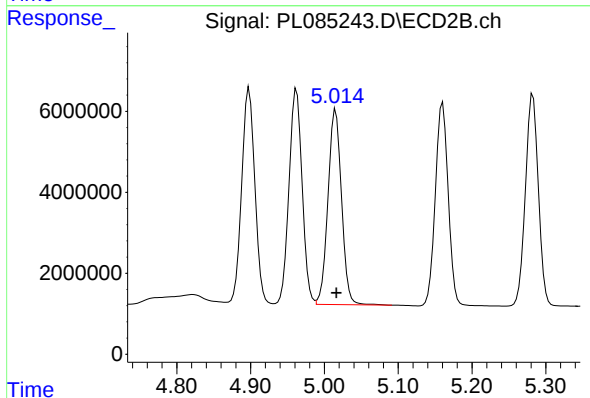
R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 64201429  
Conc: 46.78 ng/ml



#9 Endosulfan I

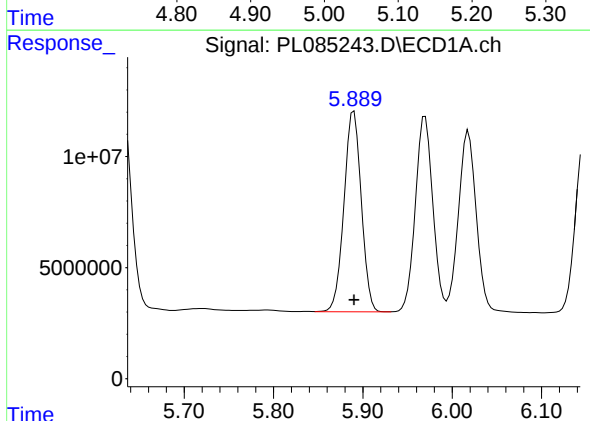
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 113288925  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



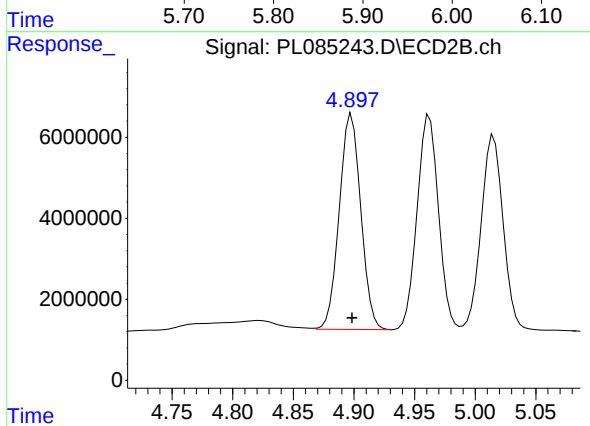
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 61451315  
Conc: 44.41 ng/ml



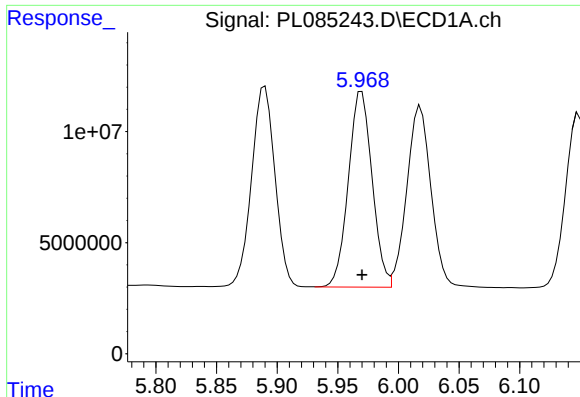
#10 gamma-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 121417706  
Conc: 46.74 ng/ml



#10 gamma-Chlordane

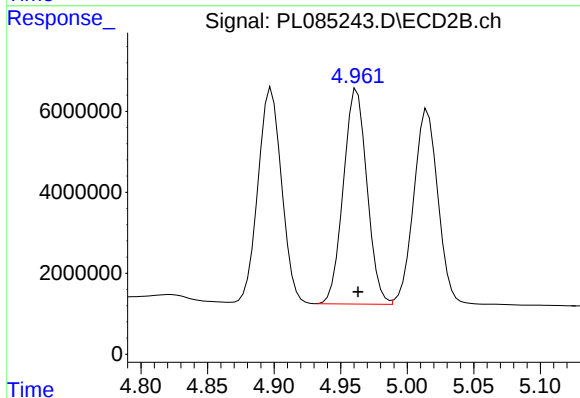
R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 65758232  
Conc: 47.68 ng/ml



#11 alpha-Chlordane

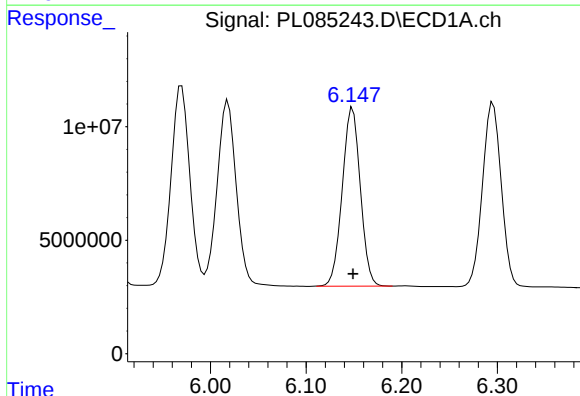
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 119939333  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



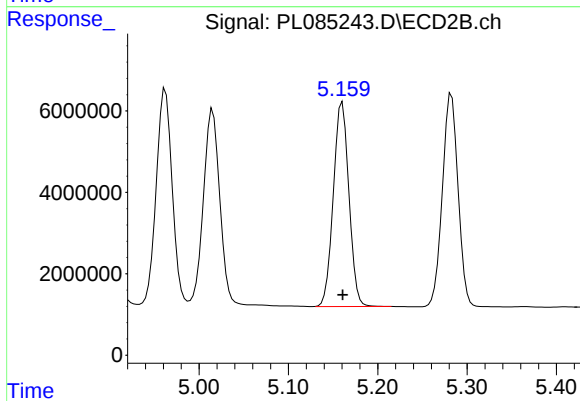
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 65552757  
Conc: 43.87 ng/ml



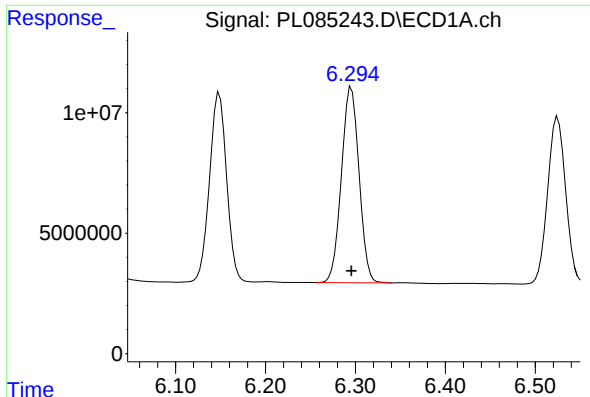
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 103599028  
Conc: 49.84 ng/ml



#12 4,4'-DDE

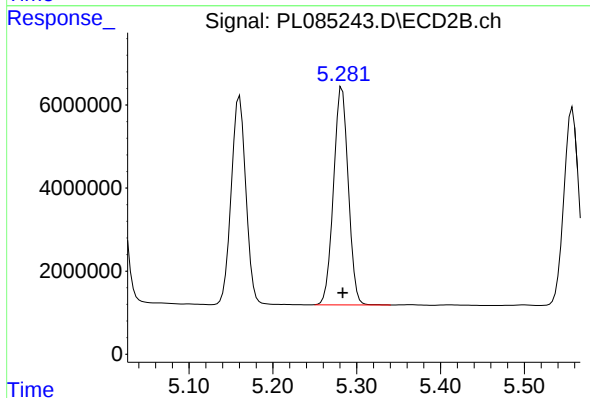
R.T.: 5.160 min  
Delta R.T.: 0.000 min  
Response: 60902603  
Conc: 48.96 ng/ml



#13 Dieldrin

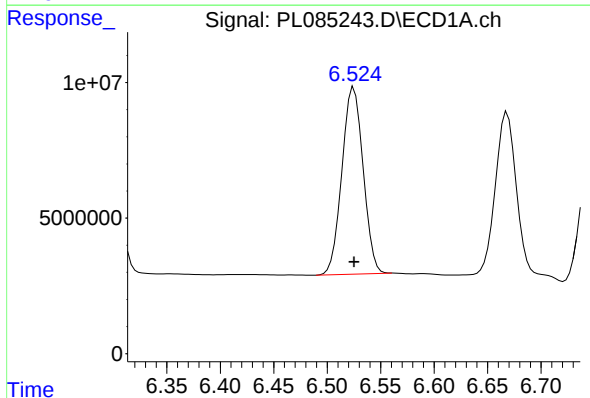
R.T.: 6.296 min  
Delta R.T.: 0.000 min  
Response: 110560339  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



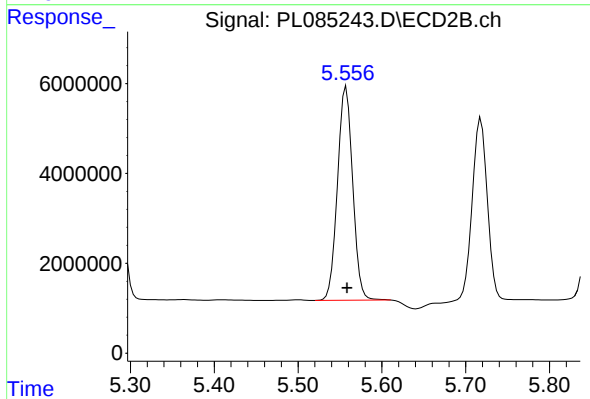
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: 0.000 min  
Response: 63970605  
Conc: 45.50 ng/ml



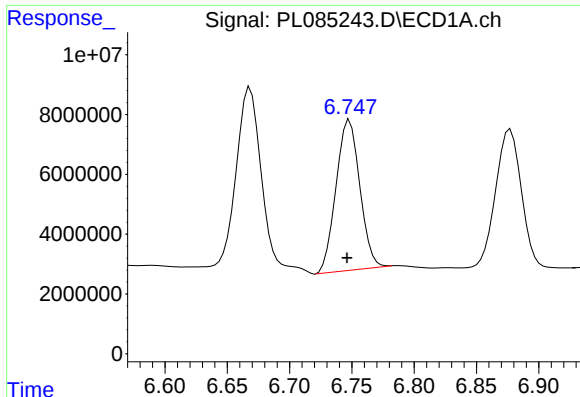
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 95414959  
Conc: 46.19 ng/ml



#14 Endrin

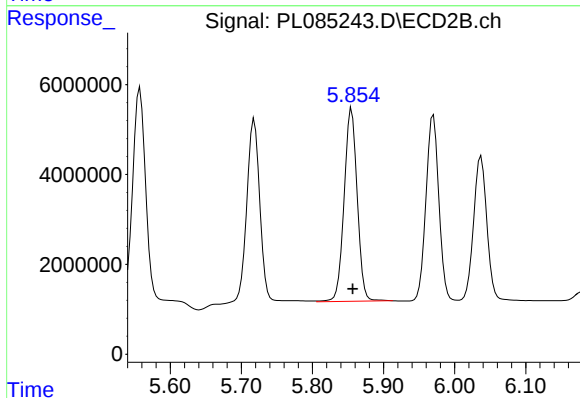
R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 59937133  
Conc: 46.89 ng/ml



#15 Endosulfan II

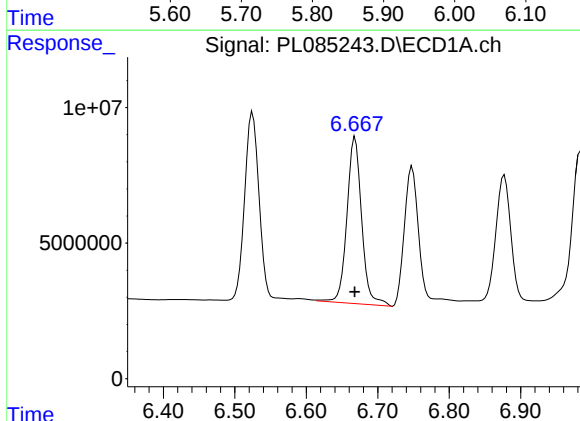
R.T.: 6.748 min  
Delta R.T.: 0.002 min  
Response: 66749592  
Conc: 32.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



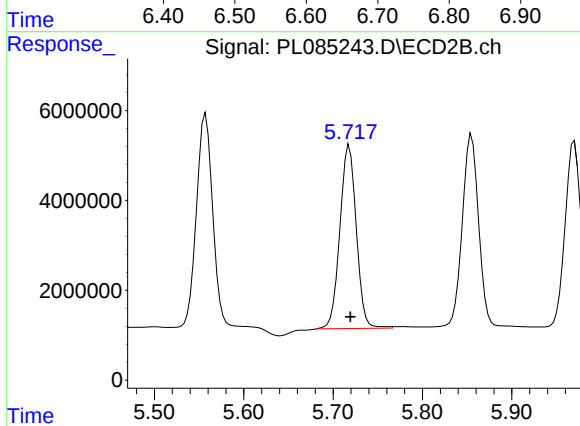
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 54898612  
Conc: 44.34 ng/ml



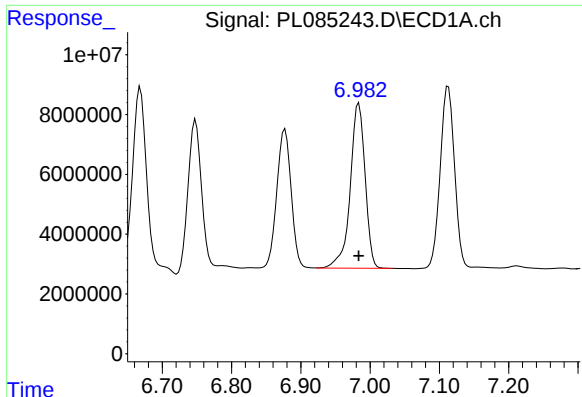
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 88389401  
Conc: 57.41 ng/ml



#16 4,4'-DDD

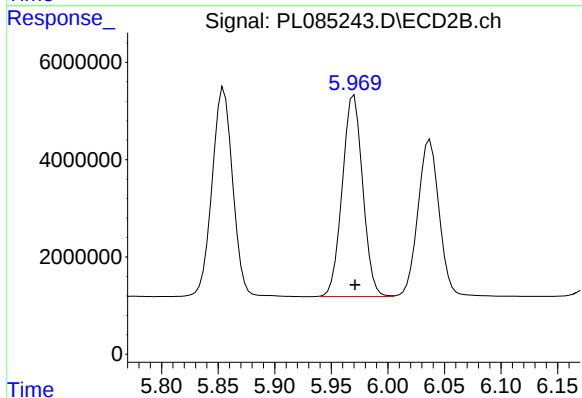
R.T.: 5.718 min  
Delta R.T.: -0.001 min  
Response: 52109670  
Conc: 49.60 ng/ml



#17 4,4'-DDT

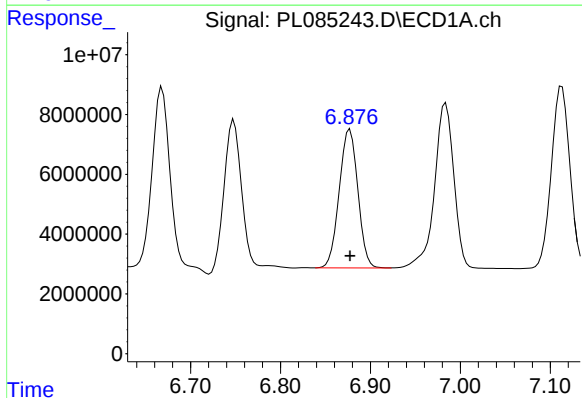
R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 82456990  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



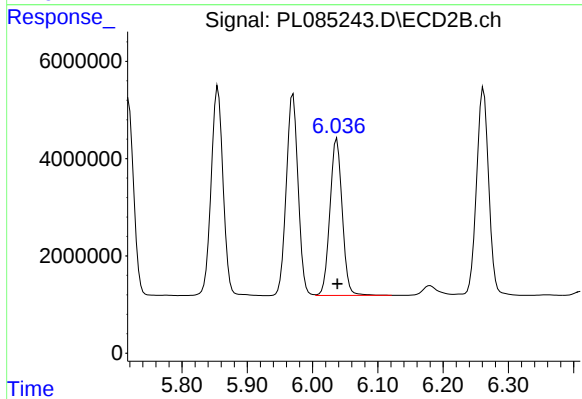
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: -0.001 min  
Response: 51967585  
Conc: 44.57 ng/ml



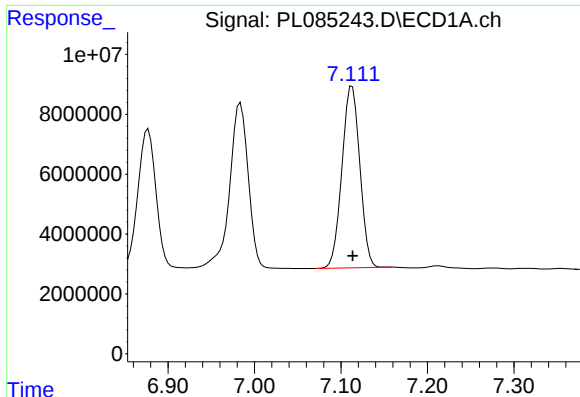
#18 Endrin aldehyde

R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 66756387  
Conc: 43.43 ng/ml



#18 Endrin aldehyde

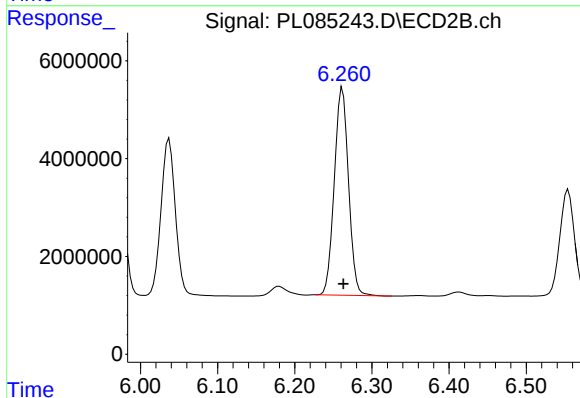
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 42119364  
Conc: 41.24 ng/ml



#19 Endosulfan Sulfate

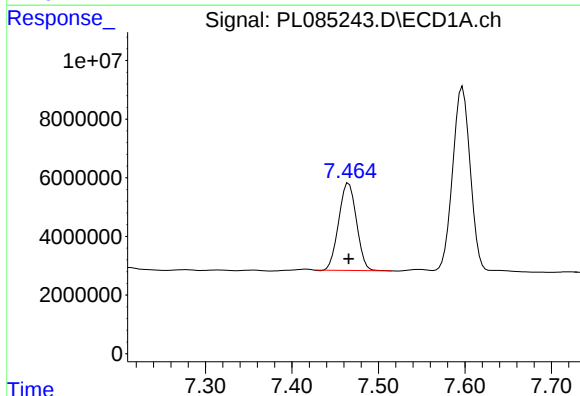
R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 86893119  
Conc: 46.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



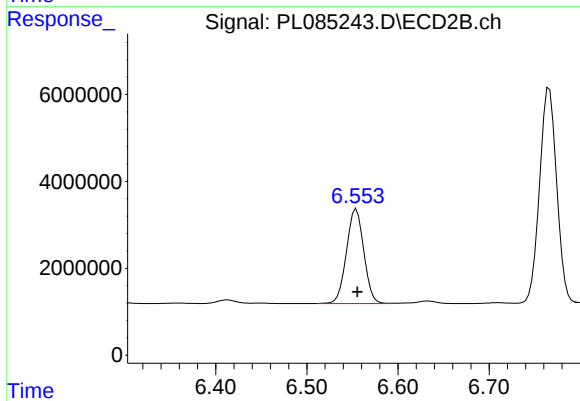
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: -0.001 min  
Response: 54481513  
Conc: 45.40 ng/ml



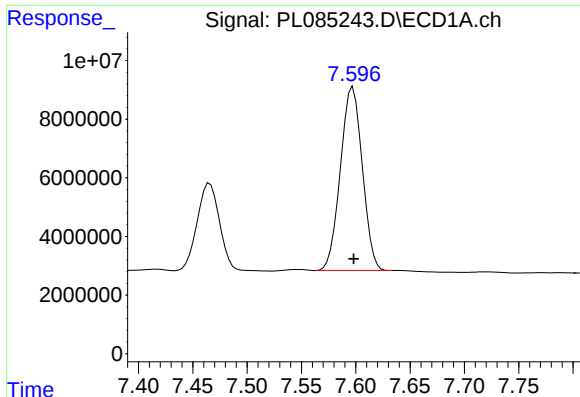
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 42340231  
Conc: 46.60 ng/ml



#20 Methoxychlor

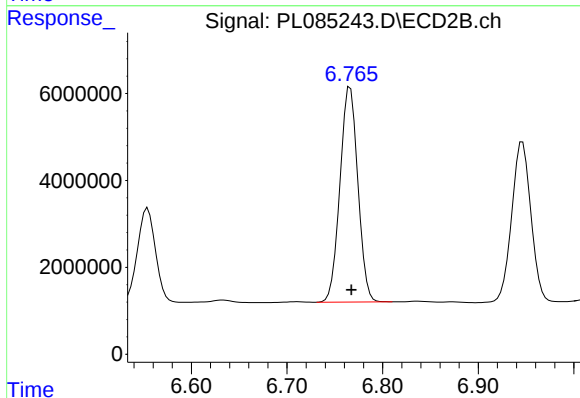
R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 28808093  
Conc: 42.82 ng/ml



#21 Endrin ketone

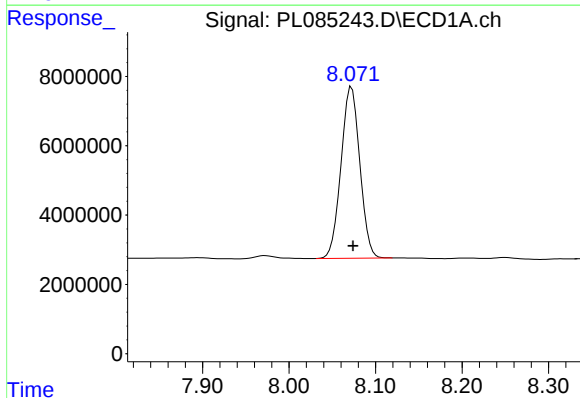
R.T.: 7.597 min  
Delta R.T.: 0.000 min  
Response: 87932270  
Conc: 44.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



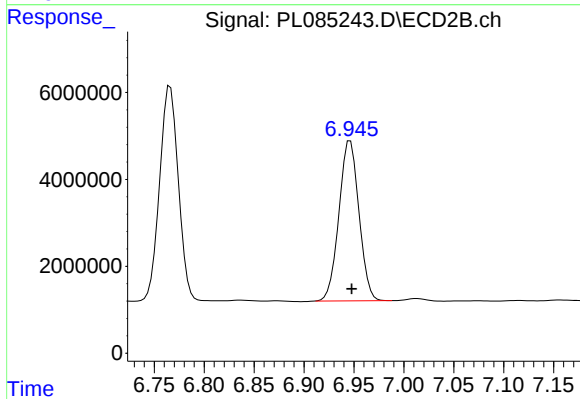
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 64561730  
Conc: 43.77 ng/ml



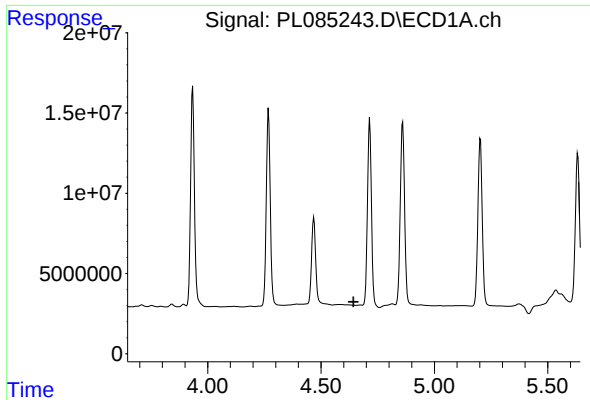
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: -0.002 min  
Response: 74330004  
Conc: 44.63 ng/ml



#22 Mirex

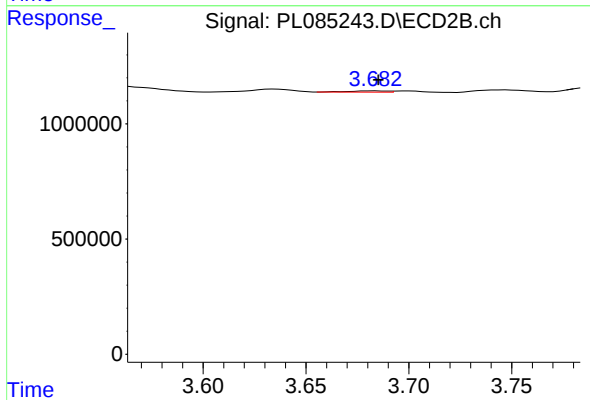
R.T.: 6.946 min  
Delta R.T.: -0.001 min  
Response: 51382876  
Conc: 43.39 ng/ml



#23 Chlordane-1

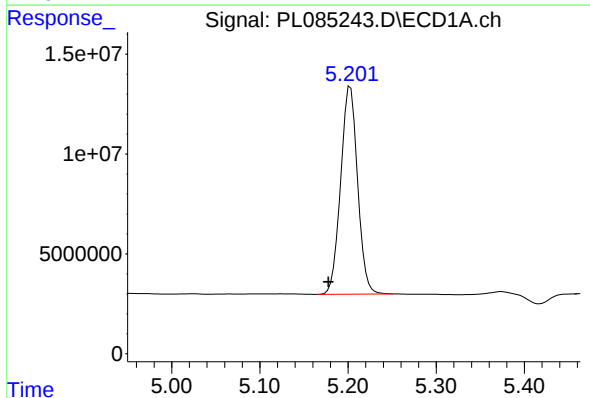
R.T.: 4.672 min  
Delta R.T.: 0.029 min  
Response: -32578  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



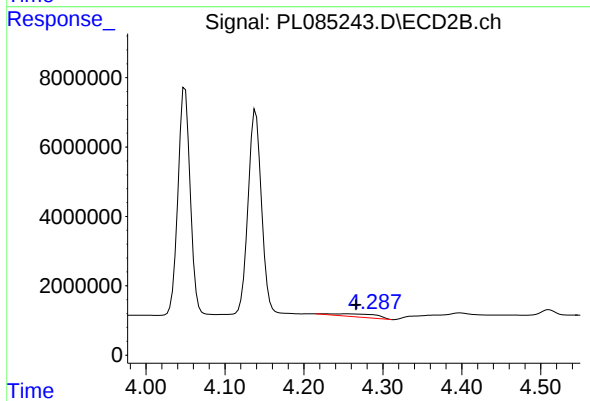
#23 Chlordane-1

R.T.: 3.683 min  
Delta R.T.: -0.002 min  
Response: 71423  
Conc: 1.84 ng/ml



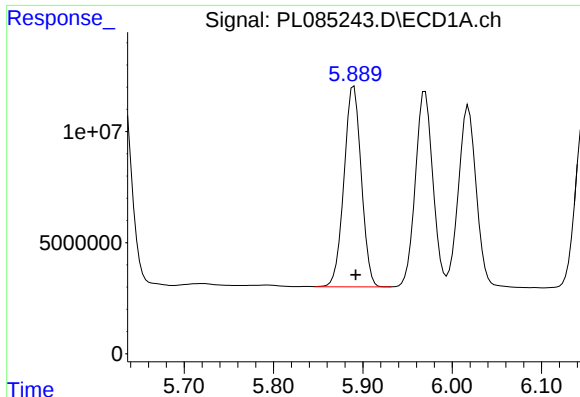
#24 Chlordane-2

R.T.: 5.203 min  
Delta R.T.: 0.025 min  
Response: 138833115  
Conc: 1325.24 ng/ml



#24 Chlordane-2

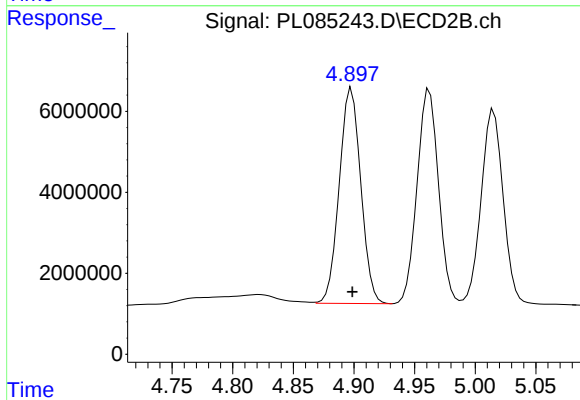
R.T.: 4.256 min  
Delta R.T.: -0.010 min  
Response: 3132600  
Conc: 65.00 ng/ml



#25 Chlordane-3

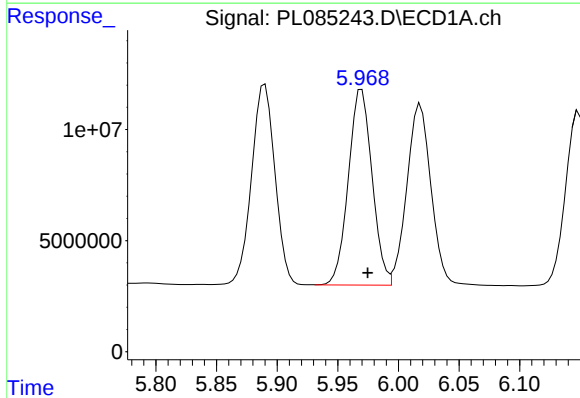
R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 121417706  
Conc: 335.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



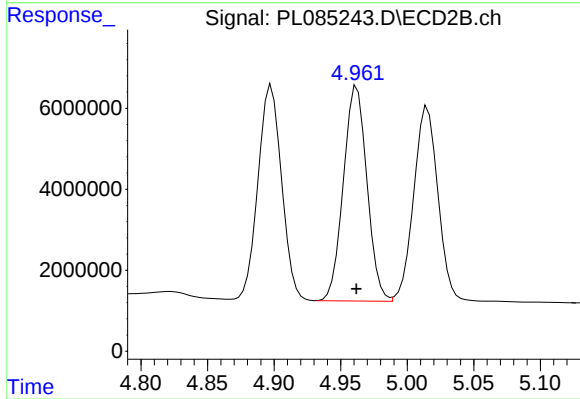
#25 Chlordane-3

R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 65758232  
Conc: 489.72 ng/ml



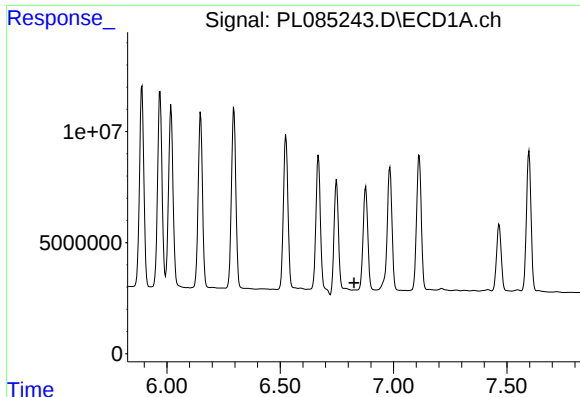
#26 Chlordane-4

R.T.: 5.970 min  
Delta R.T.: -0.005 min  
Response: 119939333  
Conc: 276.46 ng/ml



#26 Chlordane-4

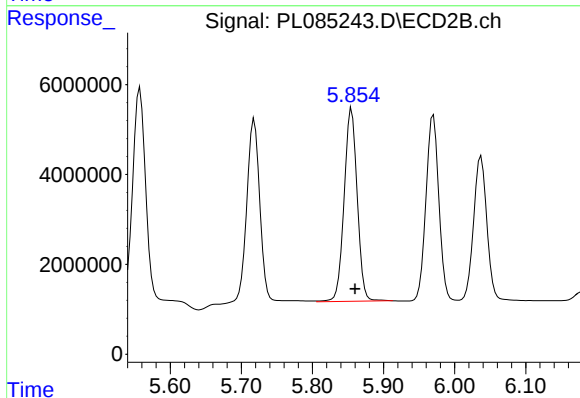
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 65552757  
Conc: 440.82 ng/ml



#27 Chlordane-5

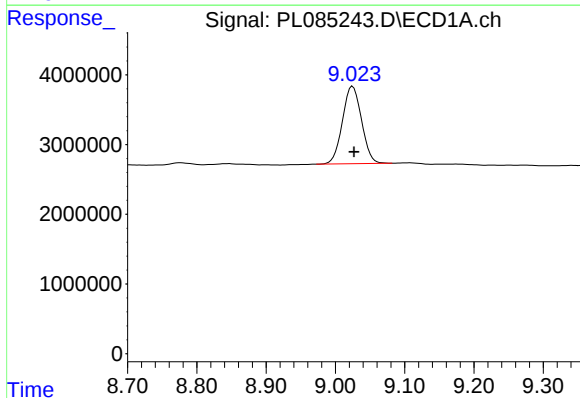
R.T.: 0.000 min  
Exp R.T.: 6.825 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



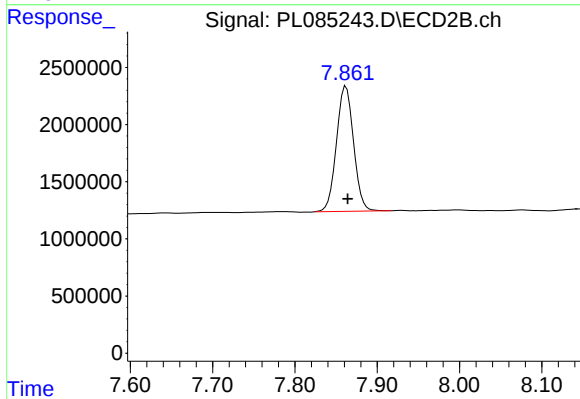
#27 Chlordane-5

R.T.: 5.855 min  
Delta R.T.: -0.005 min  
Response: 54898612  
Conc: 1078.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: -0.002 min  
Response: 21235957  
Conc: 13.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min  
Delta R.T.: -0.002 min  
Response: 15817134  
Conc: 11.88 ng/ml