

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122723\  
 Data File : PL087522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2023 15:18  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 20:36:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.422  | 2.677  | 212.0E6  | 89292860 | 56.333   | 53.047    |
| 28)                         | SA Decachlor... | 8.981  | 7.865  | 189.3E6  | 87009428 | 55.502   | 51.517    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.181  | 313.8E6  | 130.1E6  | 57.959   | 52.957    |
| 3)                          | MA gamma-BHC... | 4.212  | 3.511  | 298.9E6  | 129.3E6  | 56.871   | 53.371    |
| 4)                          | MA Heptachlor   | 4.805  | 3.853  | 284.2E6  | 122.5E6  | 53.347   | 51.260    |
| 5)                          | MB Aldrin       | 5.148  | 4.133  | 283.6E6  | 123.7E6  | 54.481   | 51.603    |
| 6)                          | B beta-BHC      | 4.411  | 3.812  | 126.3E6  | 53118657 | 54.973   | 51.027    |
| 7)                          | B delta-BHC     | 4.658  | 4.042  | 216.5E6  | 128.8E6  | 41.407   | 52.661 #  |
| 8)                          | B Heptachlo...  | 5.578  | 4.641  | 251.6E6  | 109.7E6  | 53.394   | 49.308    |
| 9)                          | A Endosulfan I  | 5.964  | 5.012  | 243.7E6  | 105.2E6  | 54.555   | 48.686    |
| 10)                         | B gamma-Chl...  | 5.836  | 4.895  | 279.3E6  | 114.0E6  | 57.603   | 49.831    |
| 11)                         | B alpha-Chl...  | 5.916  | 4.959  | 262.1E6  | 114.5E6  | 54.531   | 49.601    |
| 12)                         | B 4,4'-DDE      | 6.098  | 5.157  | 220.2E6  | 98713503 | 53.144   | 49.717    |
| 13)                         | MA Dieldrin     | 6.242  | 5.280  | 242.4E6  | 108.5E6  | 52.227   | 48.707    |
| 14)                         | MA Endrin       | 6.472  | 5.556  | 202.3E6  | 102.6E6  | 52.589   | 51.393    |
| 15)                         | B Endosulfa...  | 6.694  | 5.854  | 204.7E6  | 91545855 | 51.052   | 47.019    |
| 16)                         | A 4,4'-DDD      | 6.618  | 5.716  | 185.9E6  | 85835212 | 56.261   | 51.841    |
| 17)                         | MA 4,4'-DDT     | 6.936  | 5.968  | 193.3E6  | 87658319 | 51.394   | 47.529    |
| 18)                         | B Endrin al...  | 6.826  | 6.035  | 150.1E6  | 69851415 | 51.797   | 47.595    |
| 19)                         | B Endosulfa...  | 7.063  | 6.261  | 200.7E6  | 91691559 | 51.121   | 48.673    |
| 20)                         | A Methoxychlor  | 7.421  | 6.555  | 98741170 | 47934177 | 50.638   | 46.930    |
| 21)                         | B Endrin ke...  | 7.548  | 6.766  | 209.2E6  | 103.1E6  | 51.424   | 48.446    |
| 22)                         | Mirex           | 8.027  | 6.947  | 167.3E6  | 84519761 | 49.671   | 47.506    |
| 23)                         | Chlordane-1     | 0.000  | 3.712f | 0        | 773700   | N.D.     | 12.472 #  |
| 24)                         | Chlordane-2     | 5.148f | 4.273  | 283.6E6  | 1360099  | 1628.390 | 17.716 #  |
| 25)                         | Chlordane-3     | 5.836  | 4.895  | 279.3E6  | 114.0E6  | 400.630  | 515.590 # |
| 26)                         | Chlordane-4     | 5.916  | 4.959  | 262.1E6  | 114.5E6  | 306.504  | 491.721 # |
| 27)                         | Chlordane-5     | 0.000  | 5.632  | 0        | 116277   | N.D.     | 1.797 #   |
| -----                       |                 |        |        |          |          |          |           |

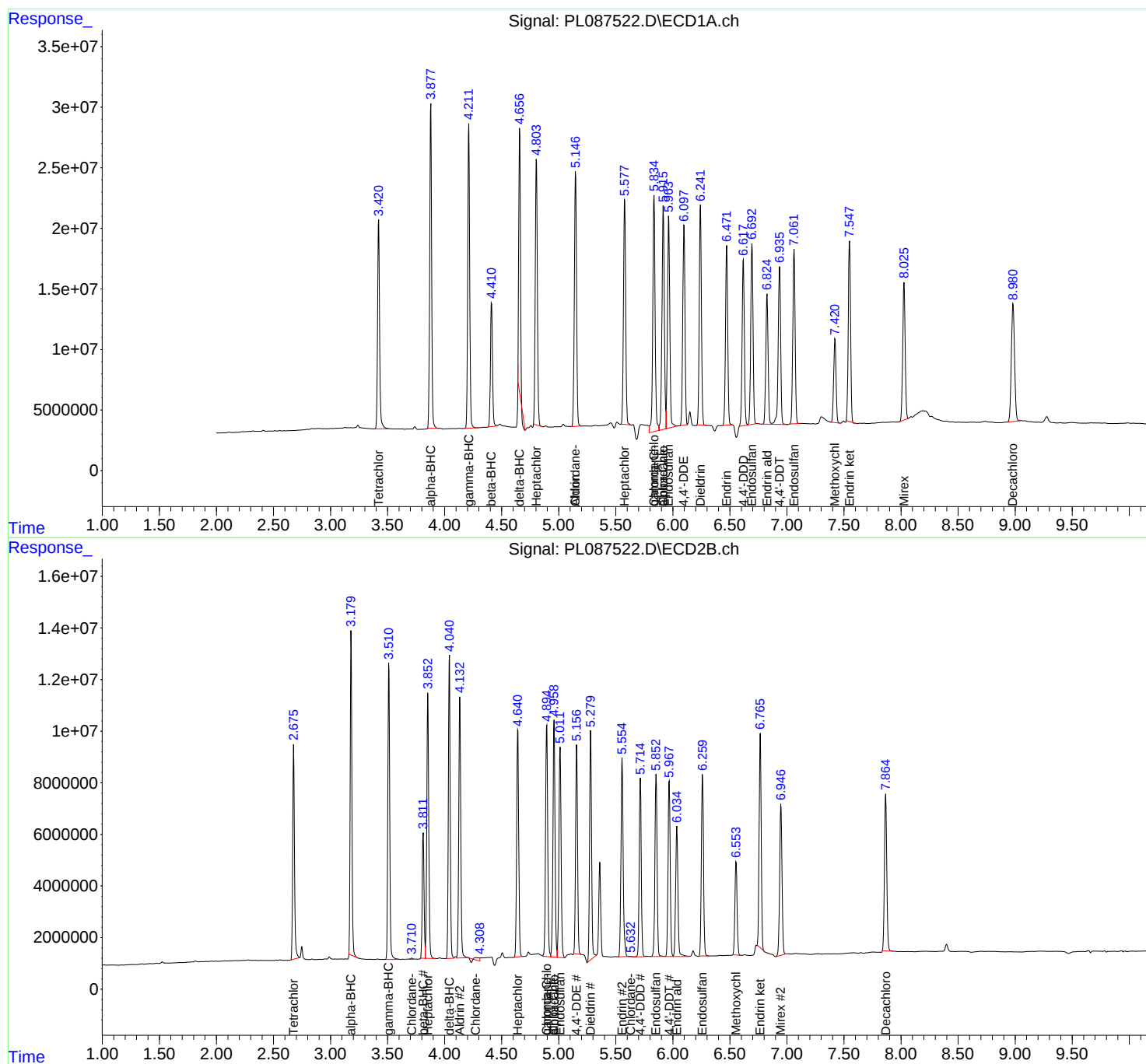
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

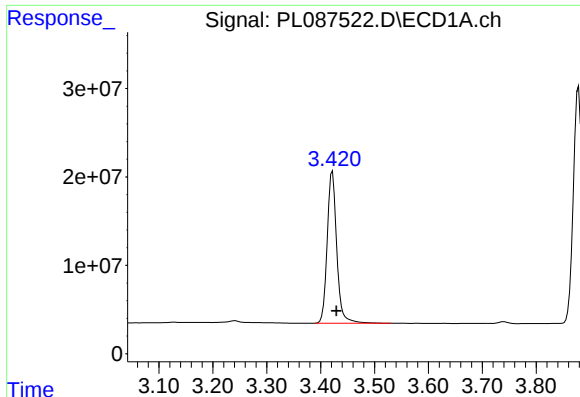
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122723\  
Data File : PL087522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2023 15:18  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 20:36:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

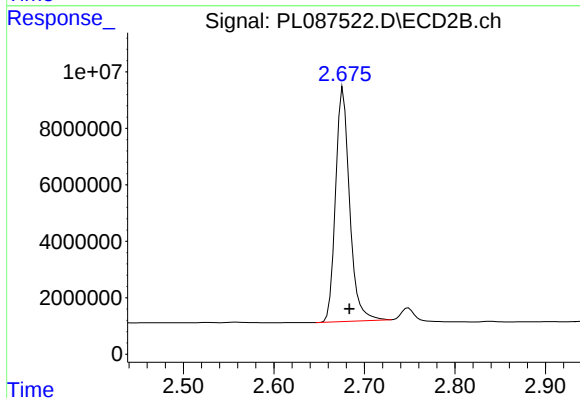




#1 Tetrachloro-m-xylene

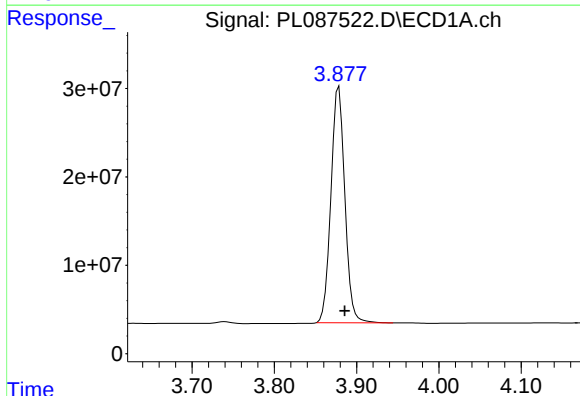
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 212004023  
Conc: 56.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



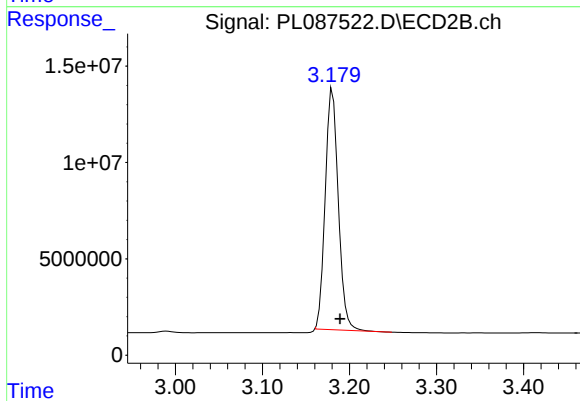
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.007 min  
Response: 89292860  
Conc: 53.05 ng/ml



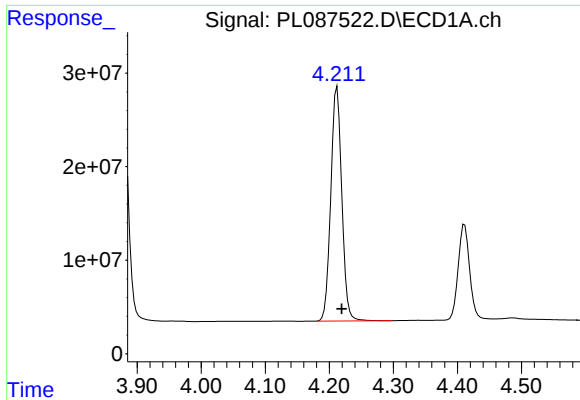
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.007 min  
Response: 313799469  
Conc: 57.96 ng/ml



#2 alpha-BHC

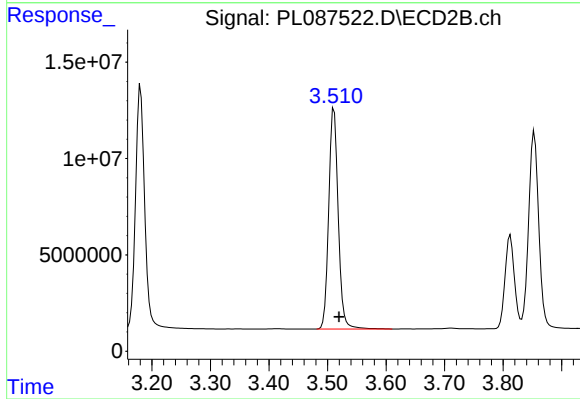
R.T.: 3.181 min  
Delta R.T.: -0.008 min  
Response: 130147044  
Conc: 52.96 ng/ml



#3 gamma-BHC (Lindane)

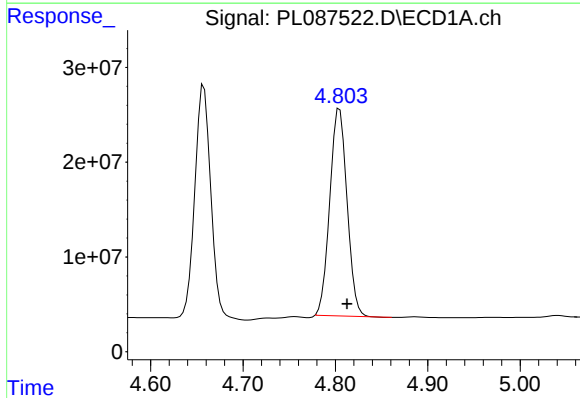
R.T.: 4.212 min  
Delta R.T.: -0.008 min  
Response: 298896712  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



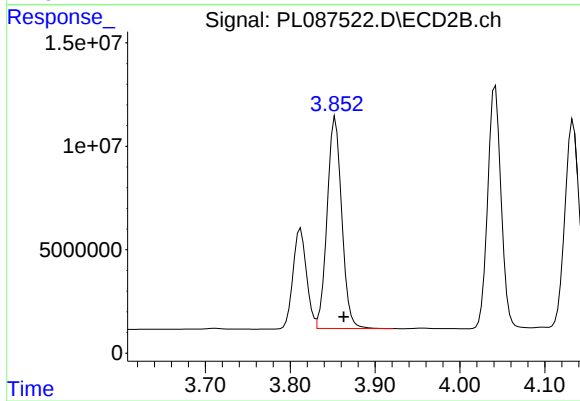
#3 gamma-BHC (Lindane)

R.T.: 3.511 min  
Delta R.T.: -0.009 min  
Response: 129284976  
Conc: 53.37 ng/ml



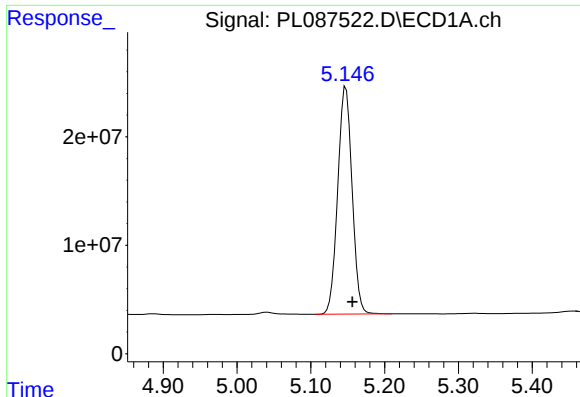
#4 Heptachlor

R.T.: 4.805 min  
Delta R.T.: -0.008 min  
Response: 284155931  
Conc: 53.35 ng/ml



#4 Heptachlor

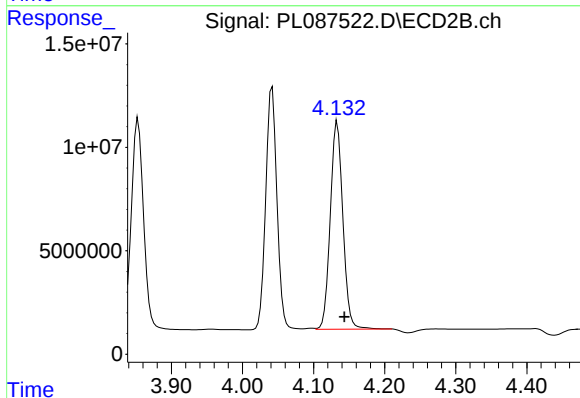
R.T.: 3.853 min  
Delta R.T.: -0.010 min  
Response: 122525331  
Conc: 51.26 ng/ml



#5 Aldrin

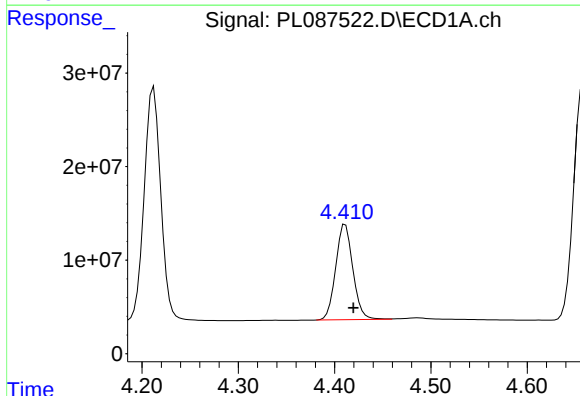
R.T.: 5.148 min  
Delta R.T.: -0.009 min  
Response: 283647633  
Conc: 54.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



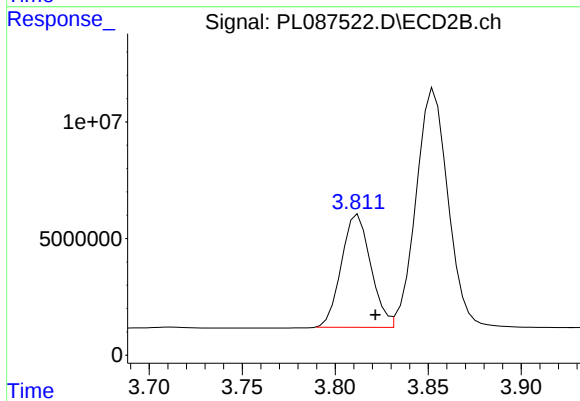
#5 Aldrin

R.T.: 4.133 min  
Delta R.T.: -0.010 min  
Response: 123732419  
Conc: 51.60 ng/ml



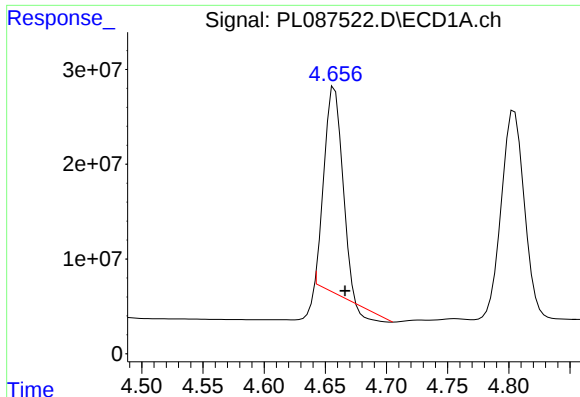
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: -0.008 min  
Response: 126261428  
Conc: 54.97 ng/ml



#6 beta-BHC

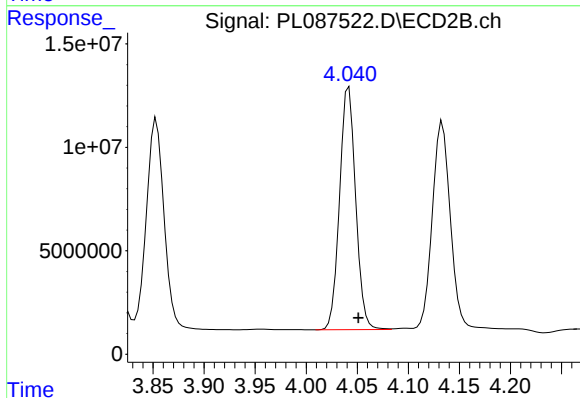
R.T.: 3.812 min  
Delta R.T.: -0.009 min  
Response: 53118657  
Conc: 51.03 ng/ml



#7 delta-BHC

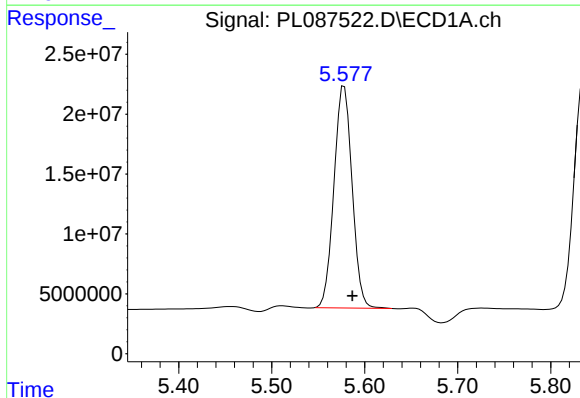
R.T.: 4.658 min  
Delta R.T.: -0.009 min  
Response: 216534337  
Conc: 41.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



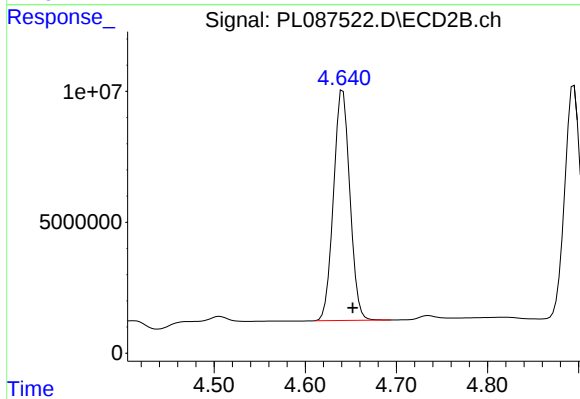
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.009 min  
Response: 128820437  
Conc: 52.66 ng/ml



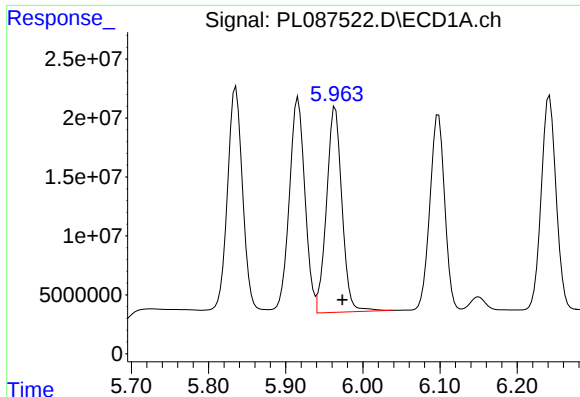
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: -0.009 min  
Response: 251636874  
Conc: 53.39 ng/ml



#8 Heptachlor epoxide

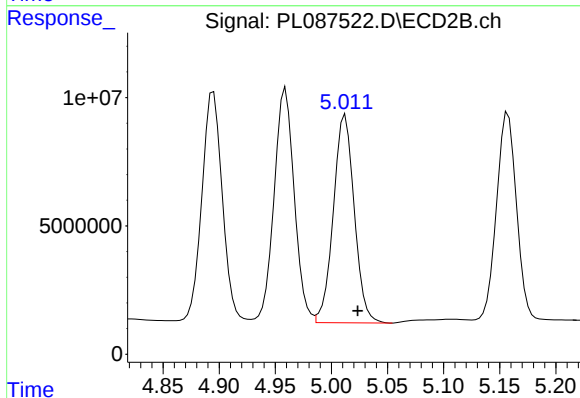
R.T.: 4.641 min  
Delta R.T.: -0.011 min  
Response: 109724626  
Conc: 49.31 ng/ml



#9 Endosulfan I

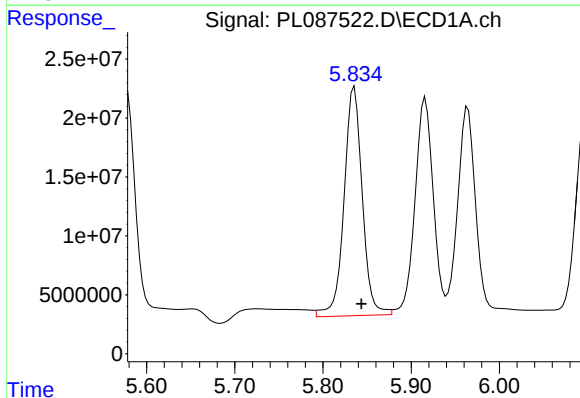
R.T.: 5.964 min  
Delta R.T.: -0.009 min  
Response: 243658117  
Conc: 54.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



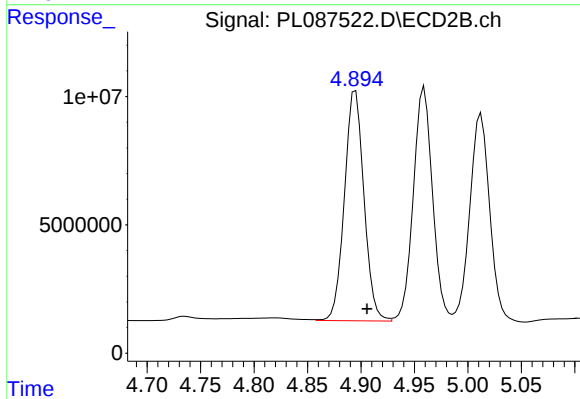
#9 Endosulfan I

R.T.: 5.012 min  
Delta R.T.: -0.011 min  
Response: 105219700  
Conc: 48.69 ng/ml



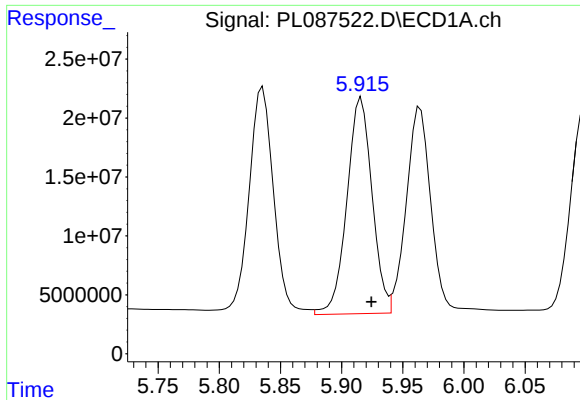
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: -0.008 min  
Response: 279261040  
Conc: 57.60 ng/ml



#10 gamma-Chlordane

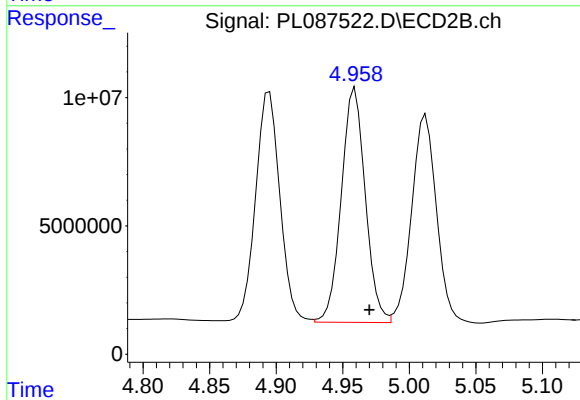
R.T.: 4.895 min  
Delta R.T.: -0.011 min  
Response: 113979843  
Conc: 49.83 ng/ml



#11 alpha-Chlordane

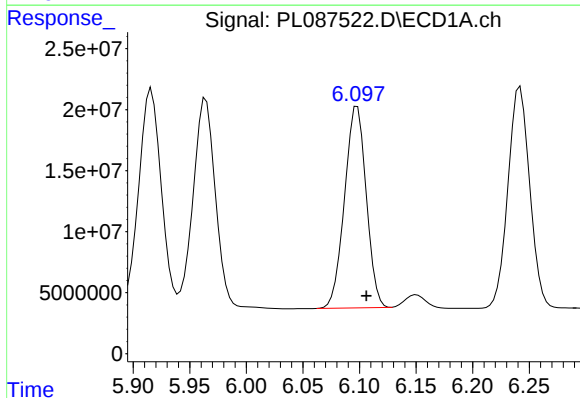
R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 262082330  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



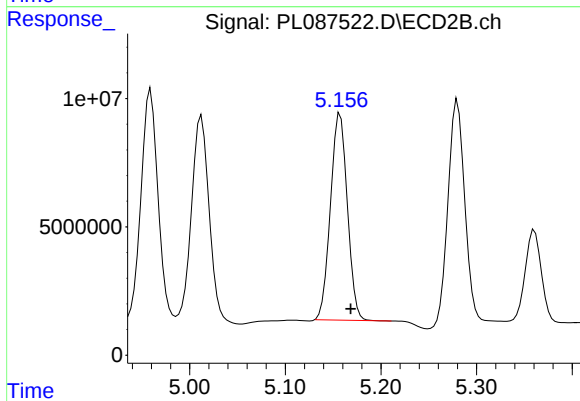
#11 alpha-Chlordane

R.T.: 4.959 min  
Delta R.T.: -0.011 min  
Response: 114481178  
Conc: 49.60 ng/ml



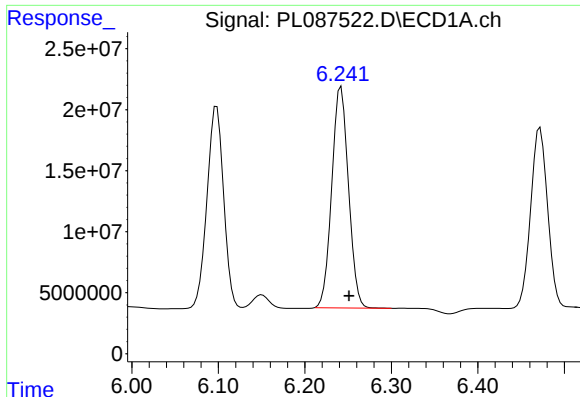
#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 220231030  
Conc: 53.14 ng/ml



#12 4,4'-DDE

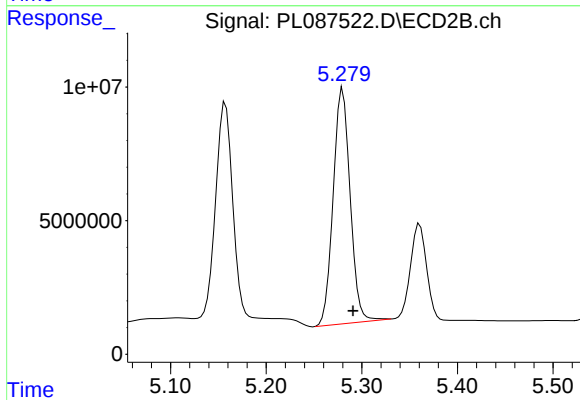
R.T.: 5.157 min  
Delta R.T.: -0.011 min  
Response: 98713503  
Conc: 49.72 ng/ml



#13 Dieldrin

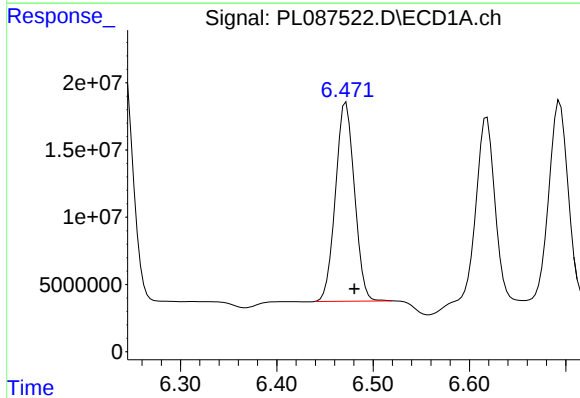
R.T.: 6.242 min  
Delta R.T.: -0.009 min  
Response: 242379592  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



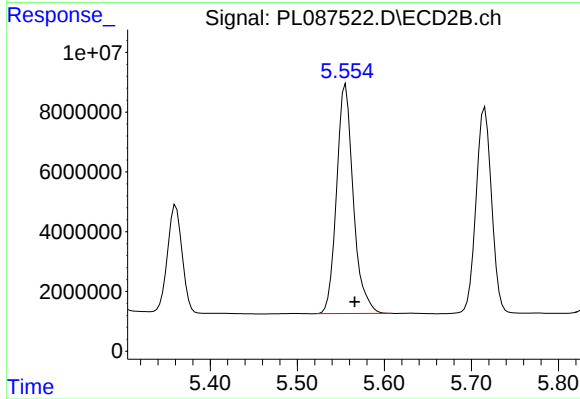
#13 Dieldrin

R.T.: 5.280 min  
Delta R.T.: -0.011 min  
Response: 108507665  
Conc: 48.71 ng/ml



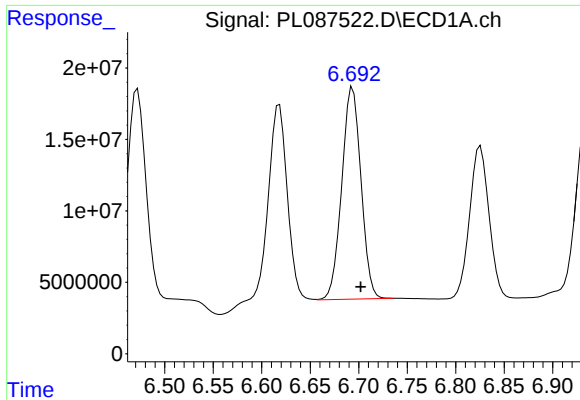
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: -0.008 min  
Response: 202327943  
Conc: 52.59 ng/ml



#14 Endrin

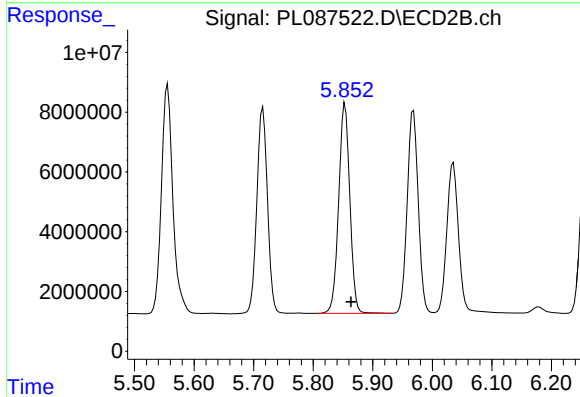
R.T.: 5.556 min  
Delta R.T.: -0.011 min  
Response: 102562440  
Conc: 51.39 ng/ml



#15 Endosulfan II

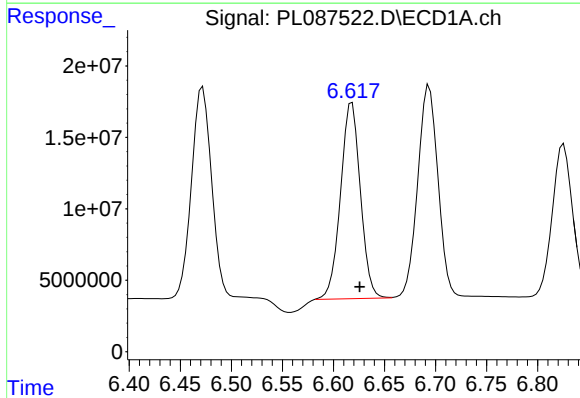
R.T.: 6.694 min  
Delta R.T.: -0.008 min  
Response: 204738112  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



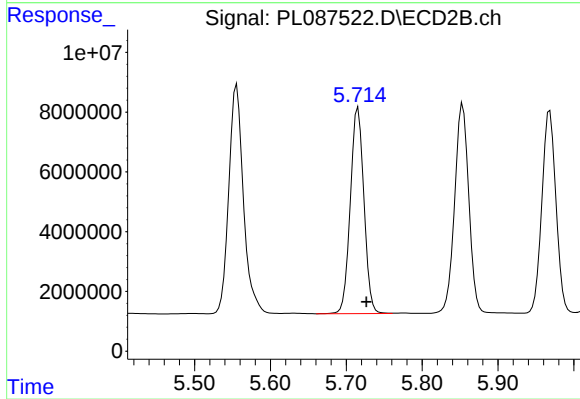
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: -0.010 min  
Response: 91545855  
Conc: 47.02 ng/ml



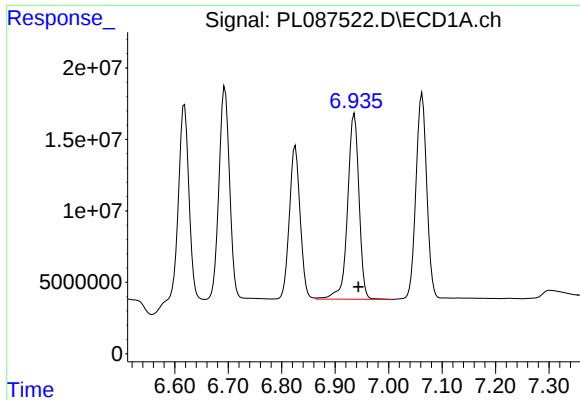
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: -0.008 min  
Response: 185948501  
Conc: 56.26 ng/ml



#16 4,4'-DDD

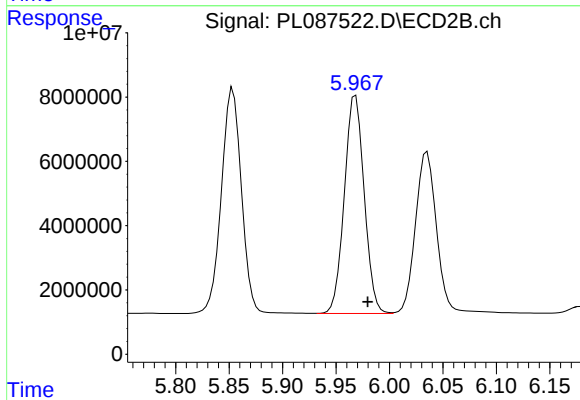
R.T.: 5.716 min  
Delta R.T.: -0.011 min  
Response: 85835212  
Conc: 51.84 ng/ml



#17 4,4'-DDT

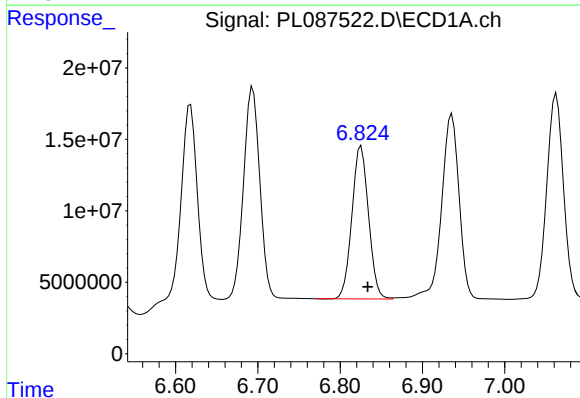
R.T.: 6.936 min  
Delta R.T.: -0.008 min  
Response: 193252480  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



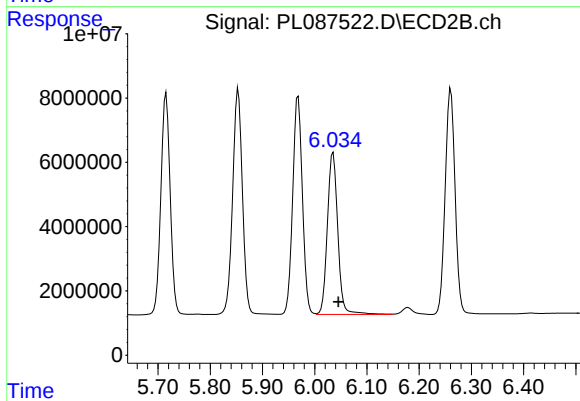
#17 4,4'-DDT

R.T.: 5.968 min  
Delta R.T.: -0.011 min  
Response: 87658319  
Conc: 47.53 ng/ml



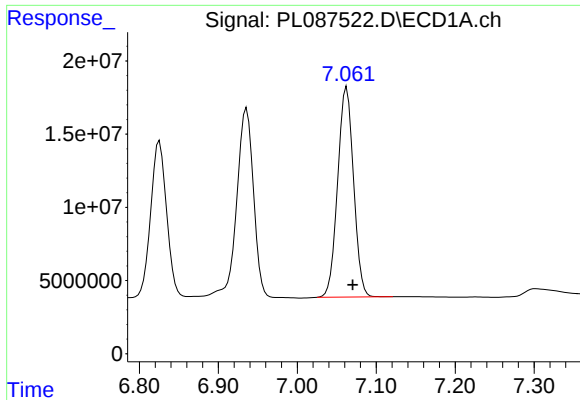
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: -0.008 min  
Response: 150126997  
Conc: 51.80 ng/ml



#18 Endrin aldehyde

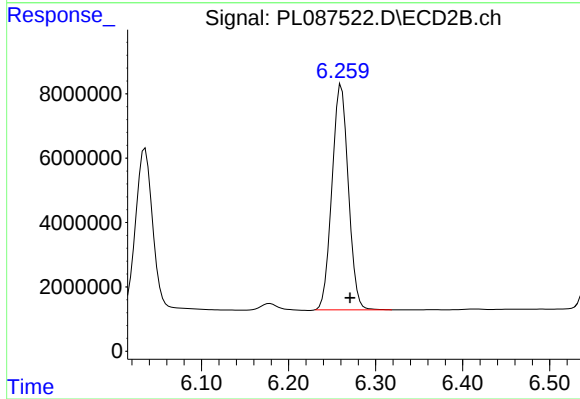
R.T.: 6.035 min  
Delta R.T.: -0.010 min  
Response: 69851415  
Conc: 47.60 ng/ml



#19 Endosulfan Sulfate

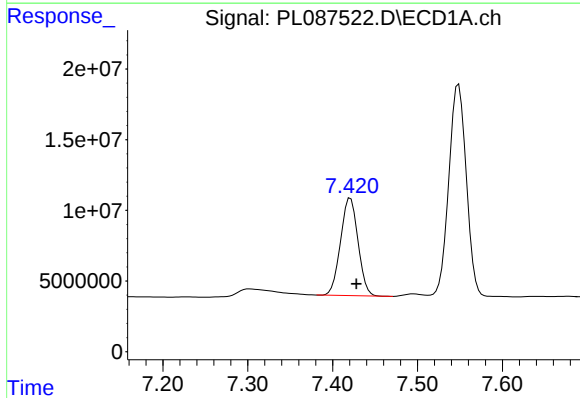
R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 200744744  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



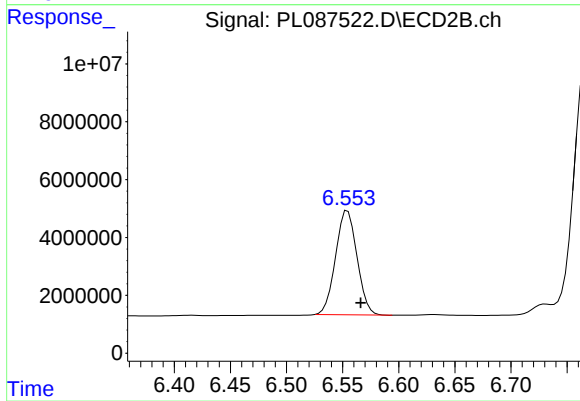
#19 Endosulfan Sulfate

R.T.: 6.261 min  
Delta R.T.: -0.010 min  
Response: 91691559  
Conc: 48.67 ng/ml



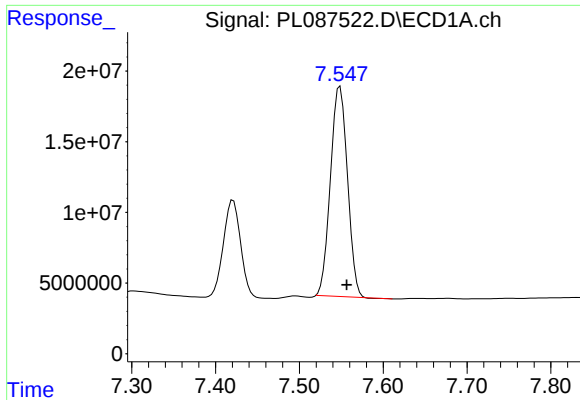
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: -0.007 min  
Response: 98741170  
Conc: 50.64 ng/ml



#20 Methoxychlor

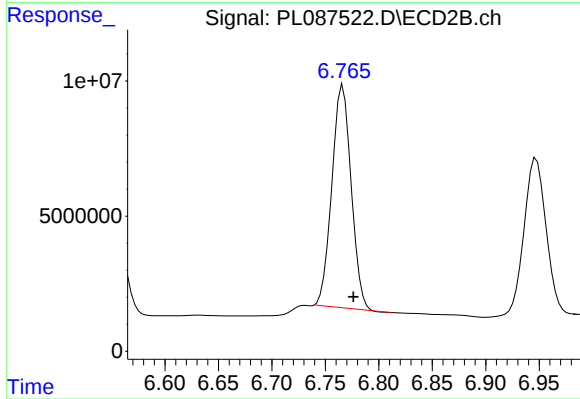
R.T.: 6.555 min  
Delta R.T.: -0.012 min  
Response: 47934177  
Conc: 46.93 ng/ml



#21 Endrin ketone

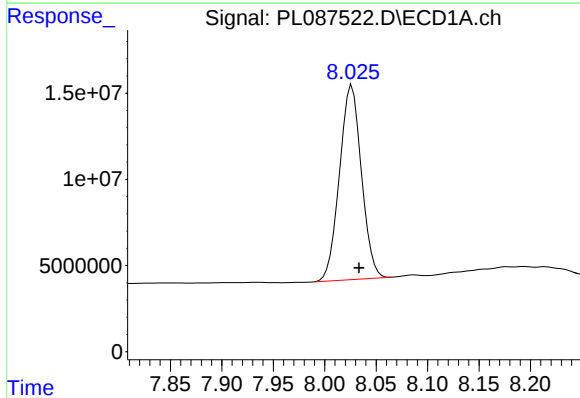
R.T.: 7.548 min  
Delta R.T.: -0.008 min  
Response: 209208580  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



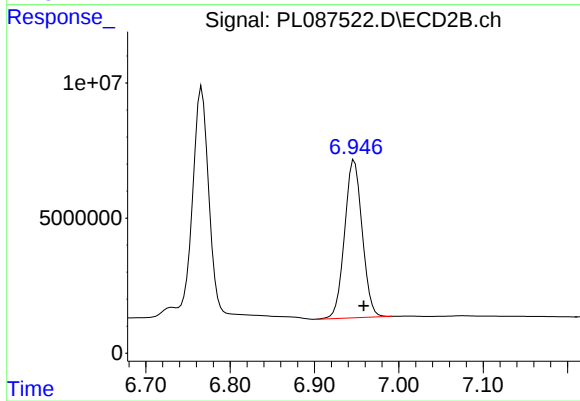
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.010 min  
Response: 103127088  
Conc: 48.45 ng/ml



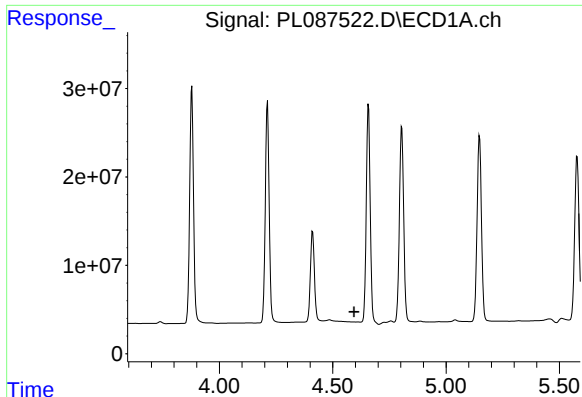
#22 Mirex

R.T.: 8.027 min  
Delta R.T.: -0.007 min  
Response: 167293948  
Conc: 49.67 ng/ml



#22 Mirex

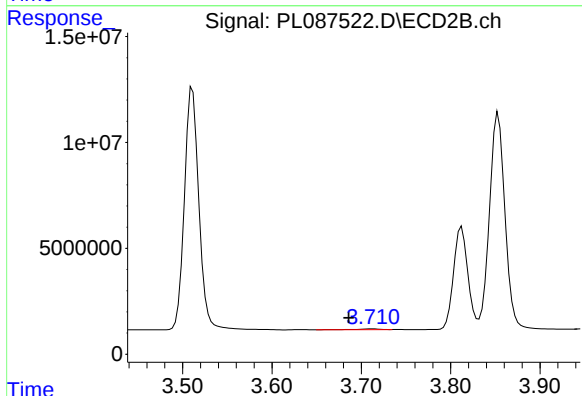
R.T.: 6.947 min  
Delta R.T.: -0.011 min  
Response: 84519761  
Conc: 47.51 ng/ml



#23 Chlordane-1

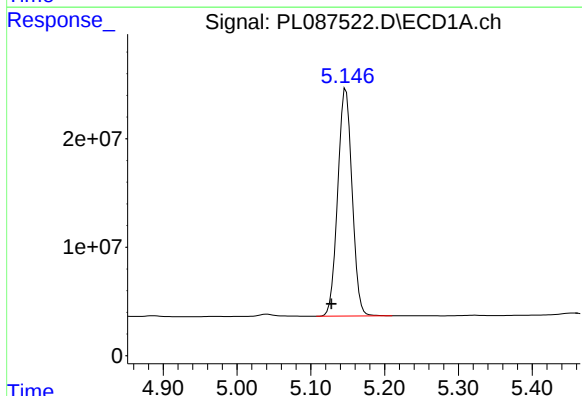
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



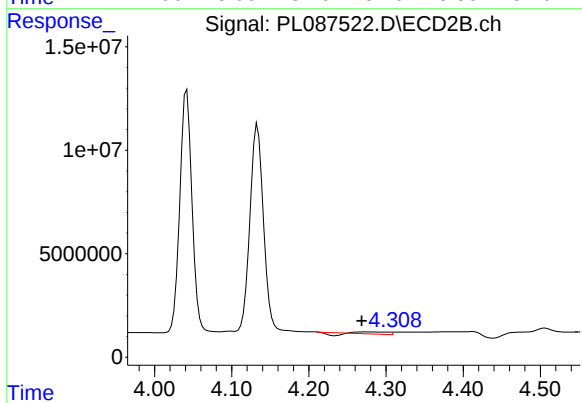
#23 Chlordane-1

R.T.: 3.712 min  
Delta R.T.: 0.026 min  
Response: 773700  
Conc: 12.47 ng/ml



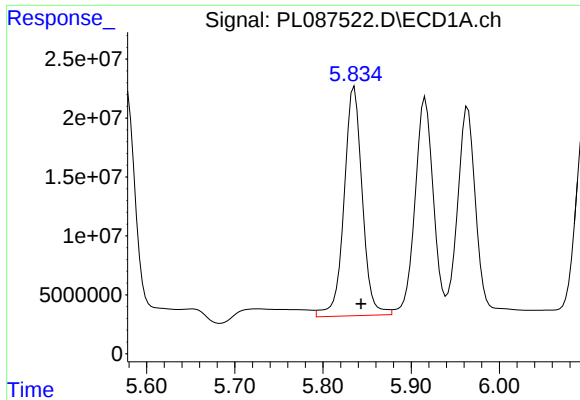
#24 Chlordane-2

R.T.: 5.148 min  
Delta R.T.: 0.019 min  
Response: 283647633  
Conc: 1628.39 ng/ml



#24 Chlordane-2

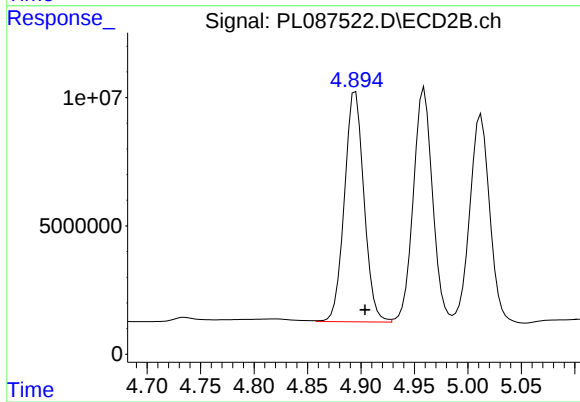
R.T.: 4.273 min  
Delta R.T.: 0.004 min  
Response: 1360099  
Conc: 17.72 ng/ml



#25 Chlordane-3

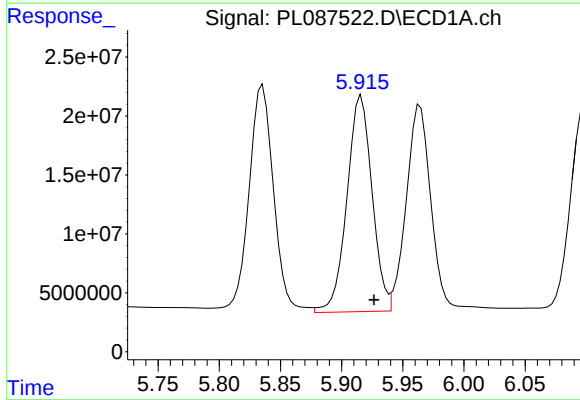
R.T.: 5.836 min  
Delta R.T.: -0.008 min  
Response: 279261040  
Conc: 400.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



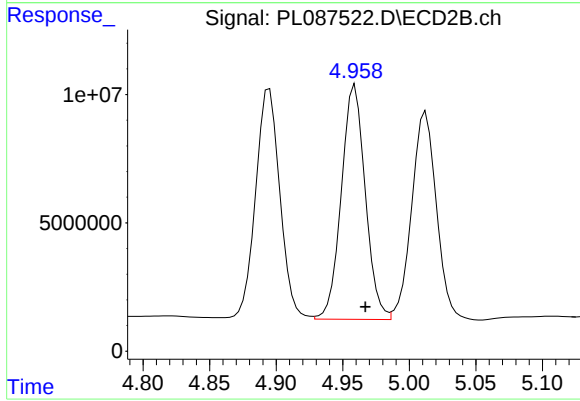
#25 Chlordane-3

R.T.: 4.895 min  
Delta R.T.: -0.009 min  
Response: 113979843  
Conc: 515.59 ng/ml



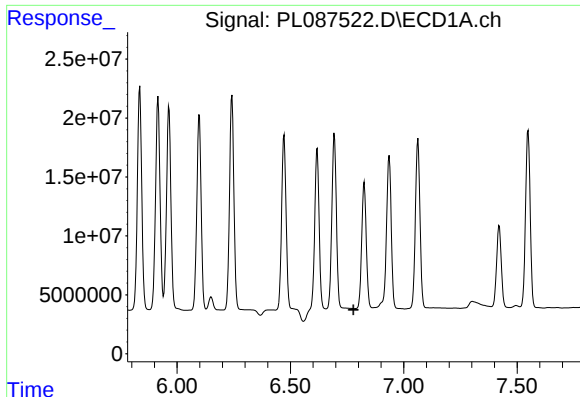
#26 Chlordane-4

R.T.: 5.916 min  
Delta R.T.: -0.011 min  
Response: 262082330  
Conc: 306.50 ng/ml



#26 Chlordane-4

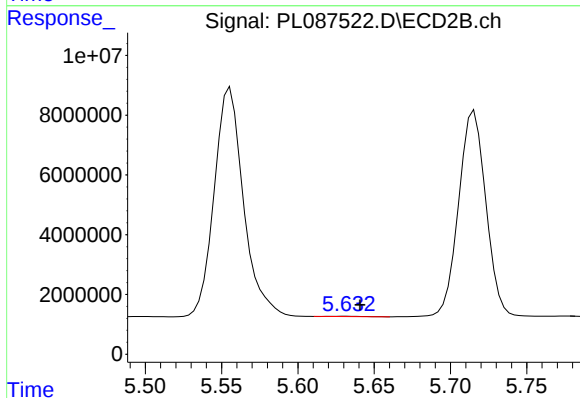
R.T.: 4.959 min  
Delta R.T.: -0.008 min  
Response: 114481178  
Conc: 491.72 ng/ml



#27 Chlordane-5

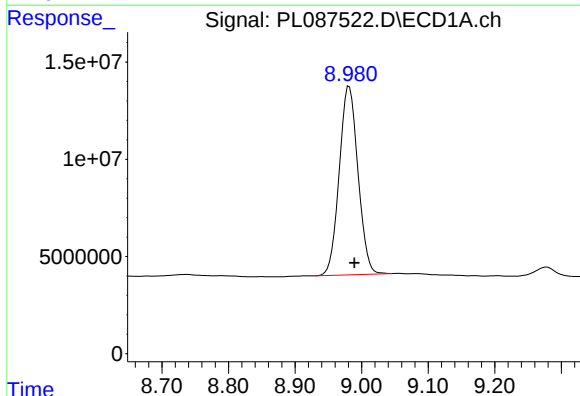
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



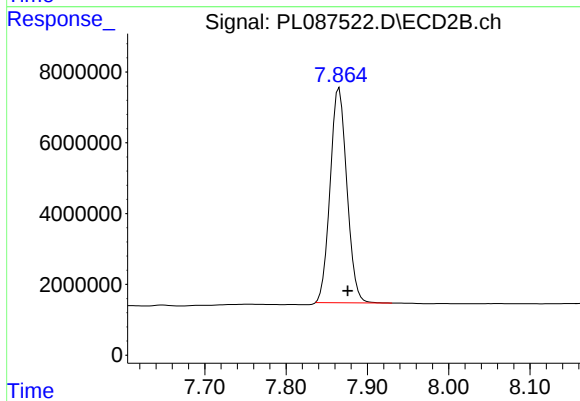
#27 Chlordane-5

R.T.: 5.632 min  
Delta R.T.: -0.009 min  
Response: 116277  
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.008 min  
Response: 189257363  
Conc: 55.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: -0.010 min  
Response: 87009428  
Conc: 51.52 ng/ml