

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092118\  
 Data File : PL040187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Sep 2018 14:01  
 Operator : AJ\SJ  
 Sample : PB113027BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 22:46:24 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 14 23:10:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.298 | 3.902 | 95586329 | 39238527 | 12.326  | 12.297    |
| 28)                         | SA Decachlor... | 7.949 | 8.887 | 118.1E6  | 42888674 | 14.170  | 15.791    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.725 | 4.280 | 112.1E6  | 41693062 | 8.832   | 8.057     |
| 3)                          | MA gamma-BHC... | 4.001 | 4.558 | 107.9E6  | 39295656 | 9.430   | 8.632     |
| 4)                          | MA Heptachlor   | 4.281 | 5.065 | 109.8E6  | 42759167 | 9.518   | 9.915     |
| 5)                          | MB Aldrin       | 4.518 | 5.365 | 103.4E6  | 38968222 | 9.379   | 8.972     |
| 6)                          | B beta-BHC      | 4.256 | 4.721 | 46319242 | 18859006 | 9.418   | 9.611     |
| 7)                          | B delta-BHC     | 4.447 | 4.934 | 92443282 | 39155407 | 7.861   | 9.844 #   |
| 8)                          | B Heptachlo...  | 4.954 | 5.744 | 98683768 | 50292199 | 9.685   | 12.716 #  |
| 9)                          | A Endosulfan I  | 5.283 | 6.096 | 94863068 | 34337075 | 9.574   | 9.670     |
| 10)                         | B gamma-Chl...  | 5.175 | 5.976 | 105.7E6  | 37596480 | 9.486   | 9.934     |
| 11)                         | B alpha-Chl...  | 5.231 | 6.049 | 102.2E6  | 37270561 | 9.566   | 9.408     |
| 12)                         | B 4,4'-DDE      | 5.400 | 6.206 | 104.1E6  | 35831365 | 9.826   | 9.420     |
| 13)                         | MA Dieldrin     | 5.521 | 6.349 | 104.5E6  | 34445177 | 9.423   | 9.052     |
| 14)                         | MA Endrin       | 5.773 | 6.563 | 101.1E6  | 30676351 | 9.852   | 9.423     |
| 15)                         | B Endosulfa...  | 6.048 | 6.766 | 104.6E6  | 29669827 | 10.919  | 8.983     |
| 16)                         | A 4,4'-DDD      | 5.909 | 6.686 | 83477285 | 11524302 | 9.628   | 3.986 #   |
| 17)                         | MA 4,4'-DDT     | 6.142 | 6.985 | 73492671 | 27197311 | 8.120   | 9.091     |
| 18)                         | B Endrin al...  | 6.216 | 6.889 | 72596858 | 25277448 | 9.471   | 9.625     |
| 19)                         | B Endosulfa...  | 6.426 | 7.111 | 90707493 | 28669275 | 9.897   | 9.765     |
| 20)                         | A Methoxychlor  | 6.690 | 7.441 | 46717475 | 14341634 | 10.079  | 9.781     |
| 21)                         | B Endrin ke...  | 6.908 | 7.574 | 78638213 | 28570078 | 8.053   | 10.025    |
| 23)                         | Chlordane-1     | 0.000 | 4.934 | 0        | 39155407 | N.D.    | 252.867 # |
| 24)                         | Chlordane-2     | 0.000 | 5.365 | 0        | 38968222 | N.D.    | 255.689 # |
| 25)                         | Chlordane-3     | 5.175 | 5.976 | 105.7E6  | 37596480 | 86.130  | 73.439    |
| 26)                         | Chlordane-4     | 5.231 | 6.049 | 102.2E6  | 37270561 | 93.218  | 60.215 #  |
| 27)                         | Chlordane-5     | 6.048 | 6.889 | 104.6E6  | 25277448 | 282.167 | 217.832   |
| -----                       |                 |       |       |          |          |         |           |

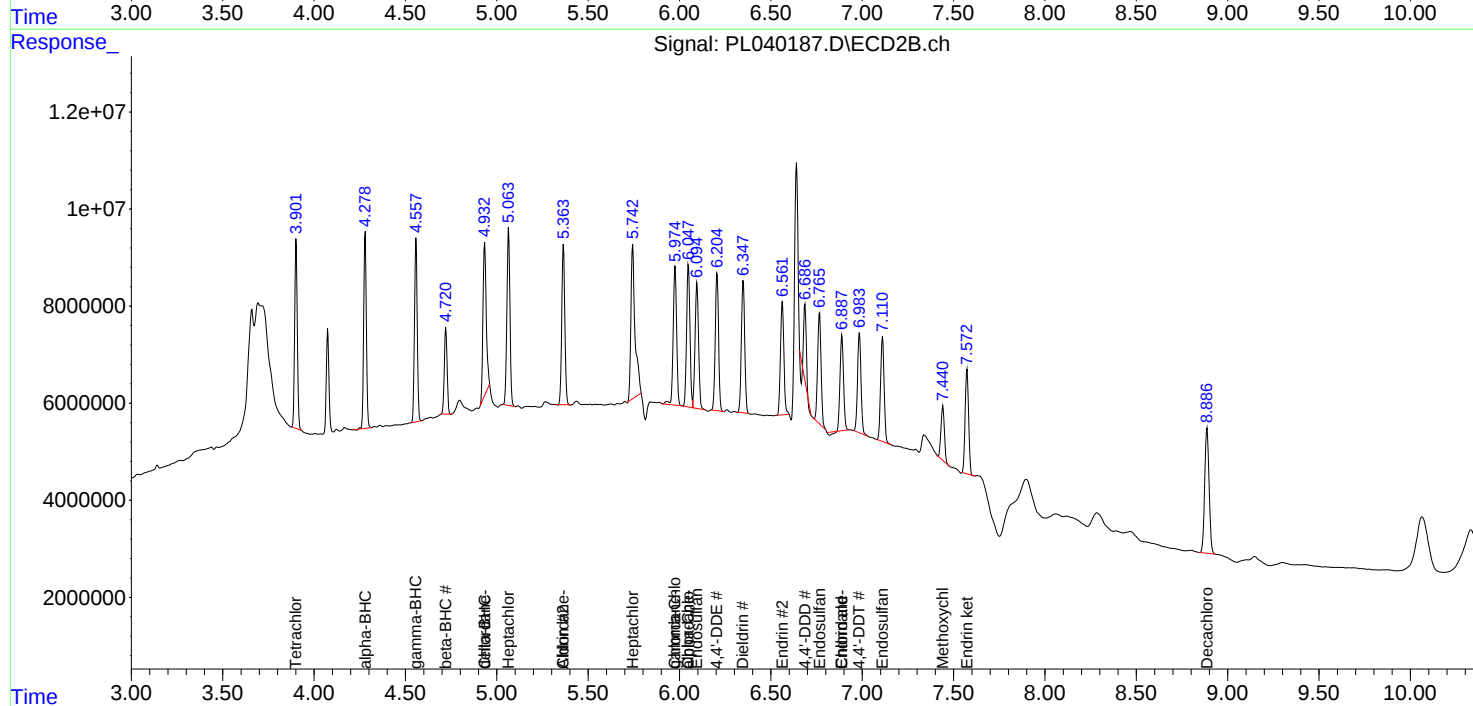
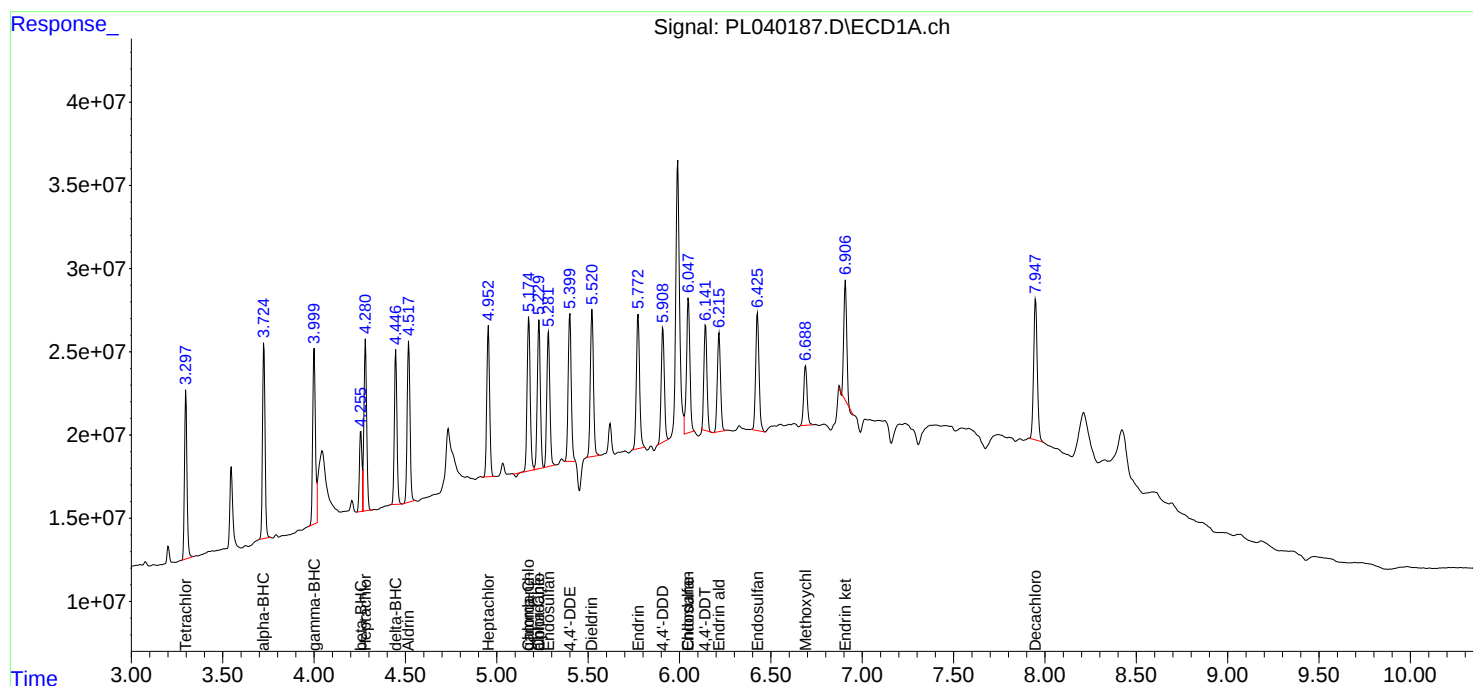
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

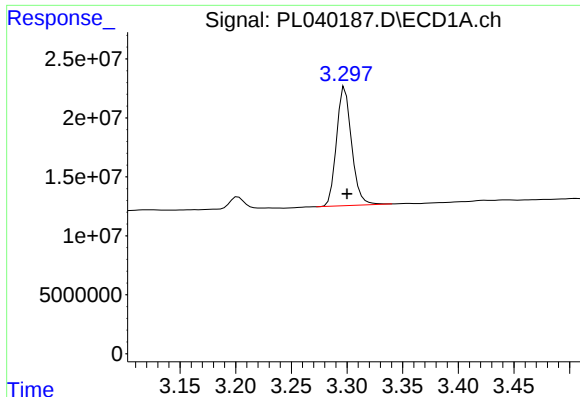
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092118\  
Data File : PL040187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Sep 2018 14:01  
Operator : AJ\SJ  
Sample : PB113027BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 22:46:24 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 14 23:10:39 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

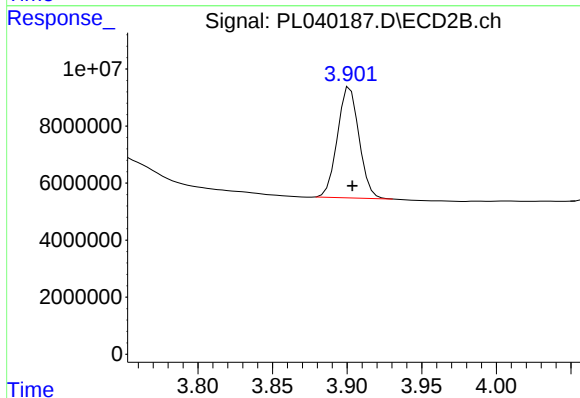




#1 Tetrachloro-m-xylene

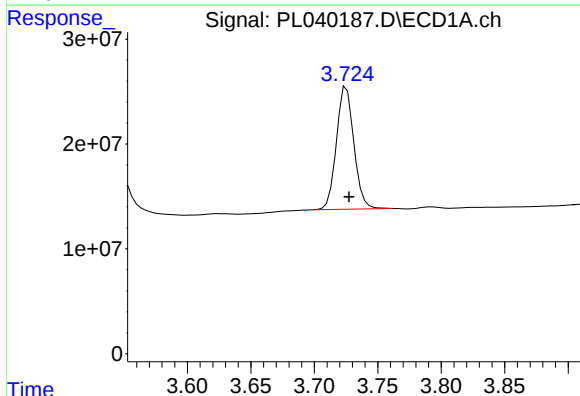
R.T.: 3.298 min  
Delta R.T.: -0.002 min  
Response: 95586329  
Conc: 12.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



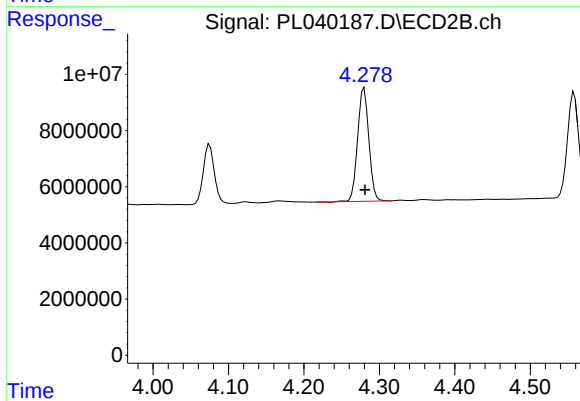
#1 Tetrachloro-m-xylene

R.T.: 3.902 min  
Delta R.T.: -0.002 min  
Response: 39238527  
Conc: 12.30 ng/ml



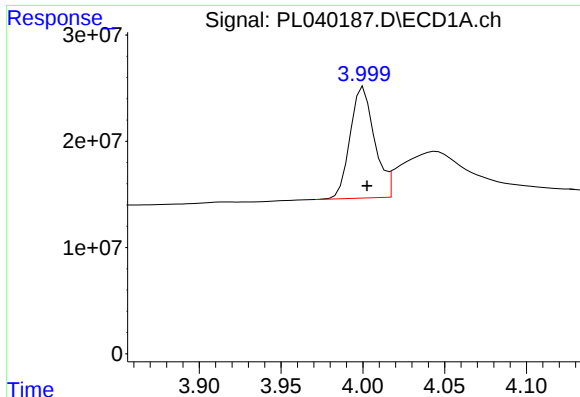
#2 alpha-BHC

R.T.: 3.725 min  
Delta R.T.: -0.002 min  
Response: 112051403  
Conc: 8.83 ng/ml



#2 alpha-BHC

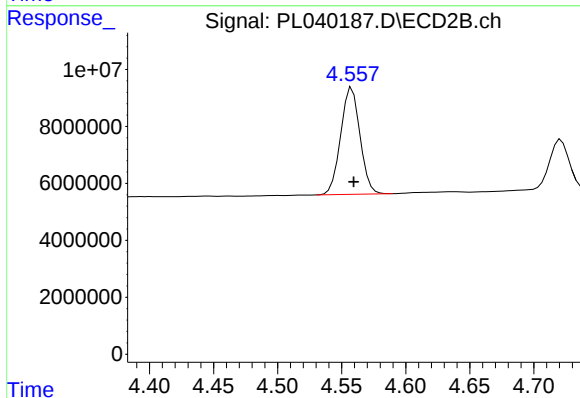
R.T.: 4.280 min  
Delta R.T.: -0.001 min  
Response: 41693062  
Conc: 8.06 ng/ml



#3 gamma-BHC (Lindane)

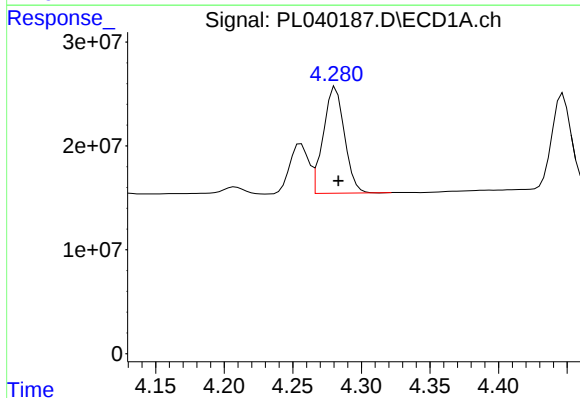
R.T.: 4.001 min  
Delta R.T.: -0.002 min  
Response: 107924737  
Conc: 9.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



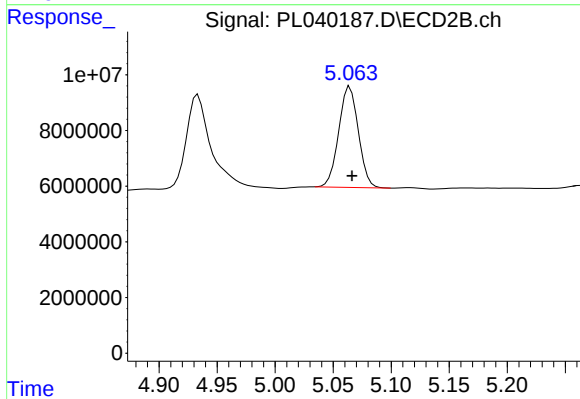
#3 gamma-BHC (Lindane)

R.T.: 4.558 min  
Delta R.T.: -0.001 min  
Response: 39295656  
Conc: 8.63 ng/ml



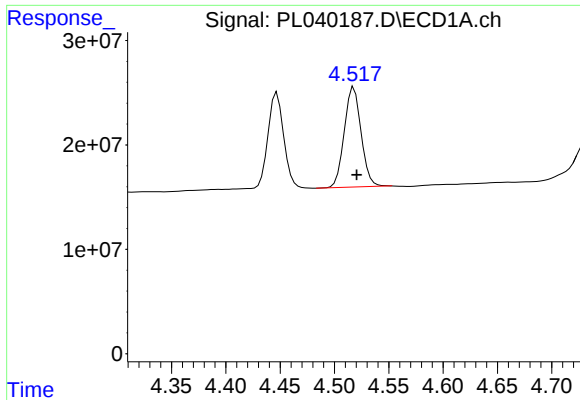
#4 Heptachlor

R.T.: 4.281 min  
Delta R.T.: -0.002 min  
Response: 109801262  
Conc: 9.52 ng/ml



#4 Heptachlor

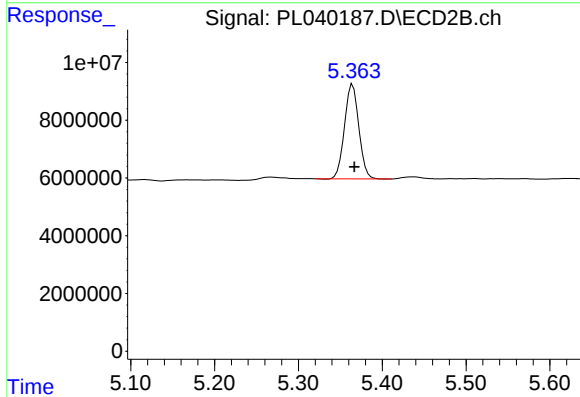
R.T.: 5.065 min  
Delta R.T.: -0.002 min  
Response: 42759167  
Conc: 9.91 ng/ml



#5 Aldrin

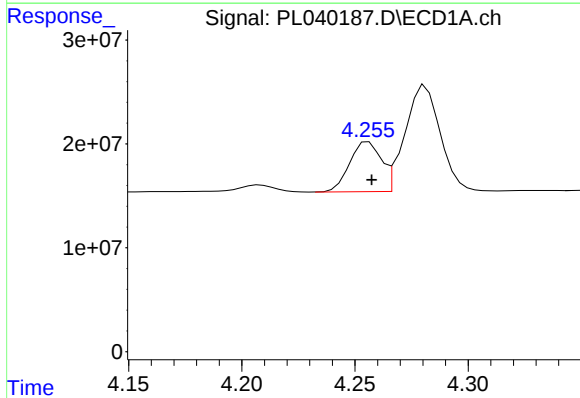
R.T.: 4.518 min  
Delta R.T.: -0.003 min  
Response: 103379228  
Conc: 9.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



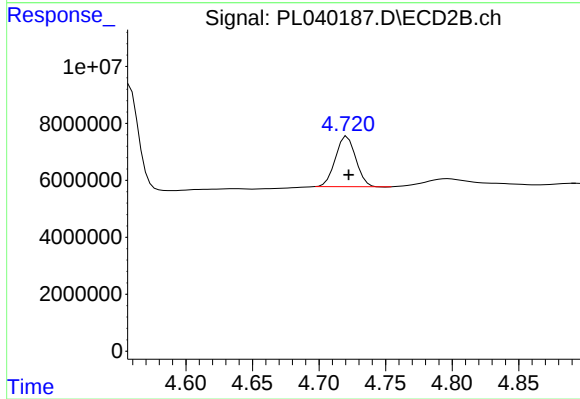
#5 Aldrin

R.T.: 5.365 min  
Delta R.T.: -0.002 min  
Response: 38968222  
Conc: 8.97 ng/ml



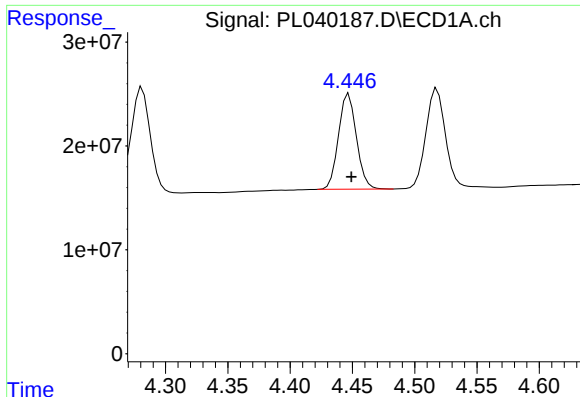
#6 beta-BHC

R.T.: 4.256 min  
Delta R.T.: -0.001 min  
Response: 46319242  
Conc: 9.42 ng/ml



#6 beta-BHC

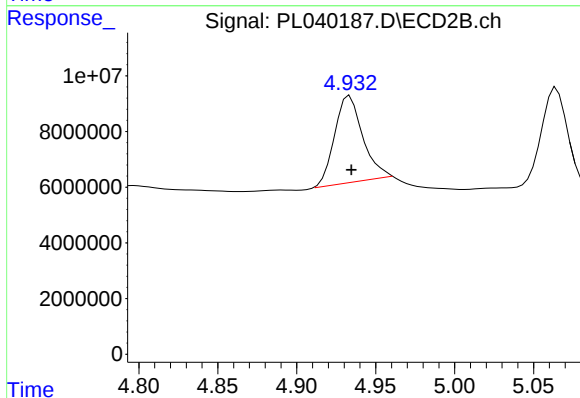
R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 18859006  
Conc: 9.61 ng/ml



#7 delta-BHC

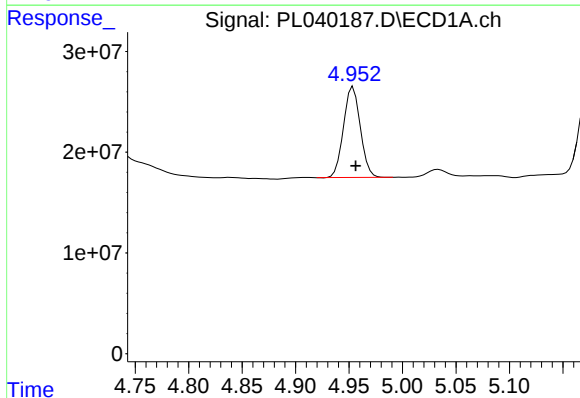
R.T.: 4.447 min  
Delta R.T.: -0.002 min  
Response: 92443282  
Conc: 7.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



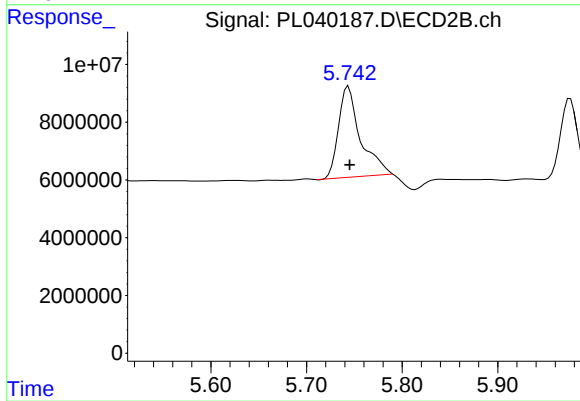
#7 delta-BHC

R.T.: 4.934 min  
Delta R.T.: -0.001 min  
Response: 39155407  
Conc: 9.84 ng/ml



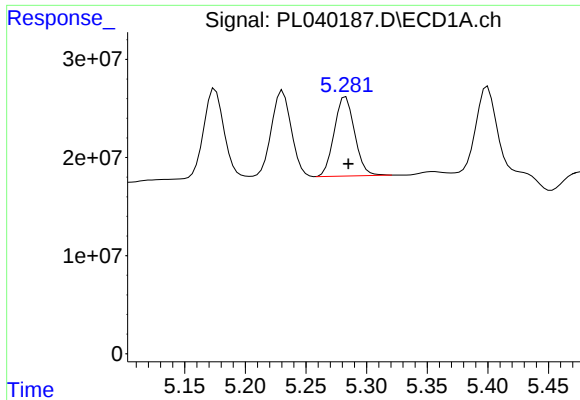
#8 Heptachlor epoxide

R.T.: 4.954 min  
Delta R.T.: -0.002 min  
Response: 98683768  
Conc: 9.68 ng/ml



#8 Heptachlor epoxide

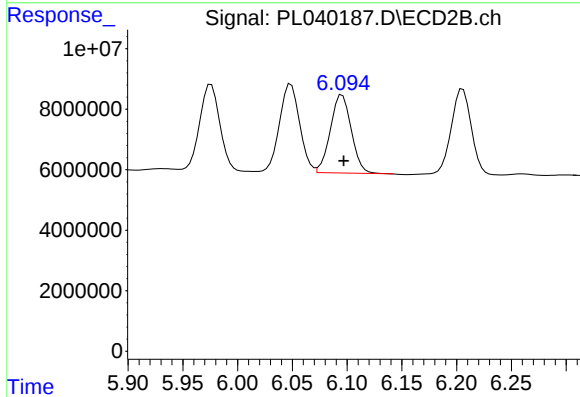
R.T.: 5.744 min  
Delta R.T.: -0.001 min  
Response: 50292199  
Conc: 12.72 ng/ml



#9 Endosulfan I

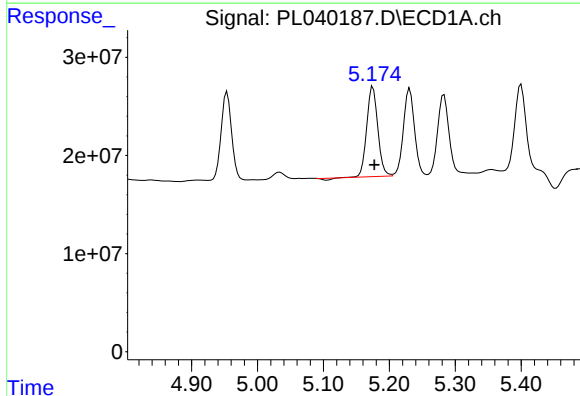
R.T.: 5.283 min  
Delta R.T.: -0.002 min  
Response: 94863068  
Conc: 9.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



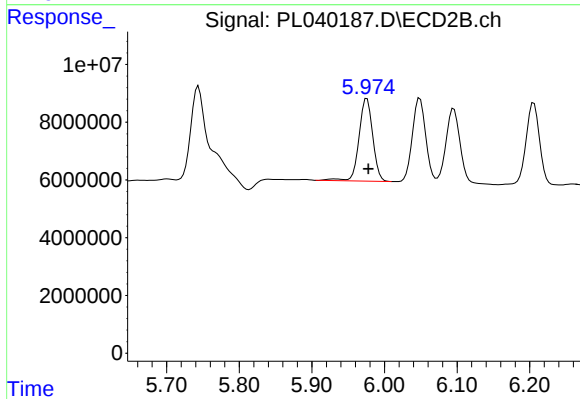
#9 Endosulfan I

R.T.: 6.096 min  
Delta R.T.: -0.001 min  
Response: 34337075  
Conc: 9.67 ng/ml



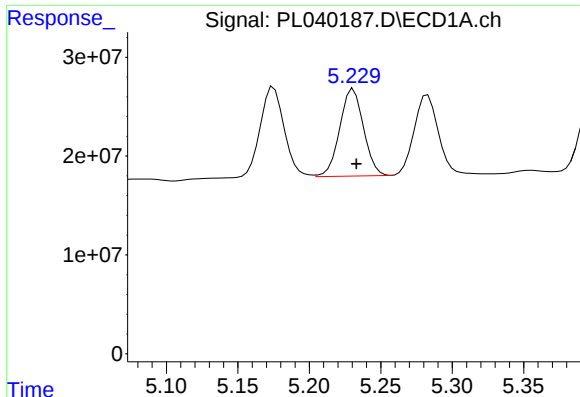
#10 gamma-Chlordane

R.T.: 5.175 min  
Delta R.T.: -0.002 min  
Response: 105691935  
Conc: 9.49 ng/ml



#10 gamma-Chlordane

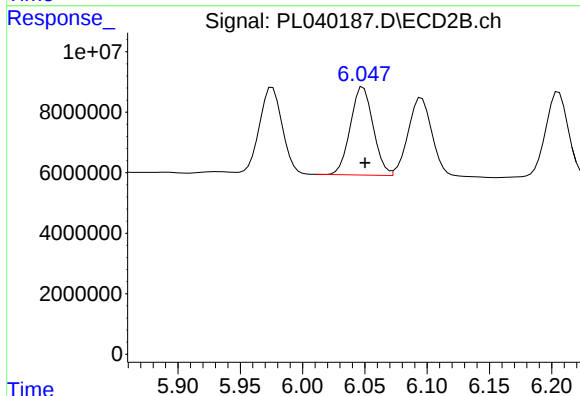
R.T.: 5.976 min  
Delta R.T.: -0.002 min  
Response: 37596480  
Conc: 9.93 ng/ml



#11 alpha-Chlordane

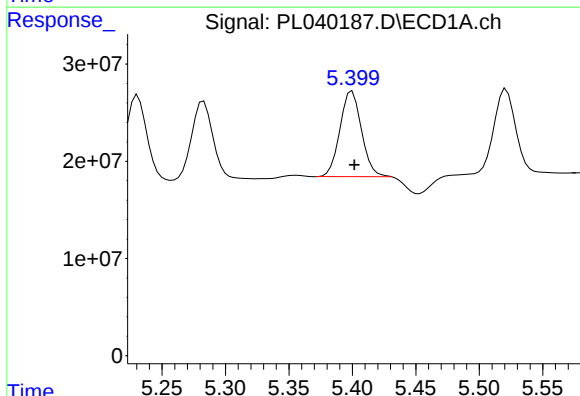
R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 102189621  
Conc: 9.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



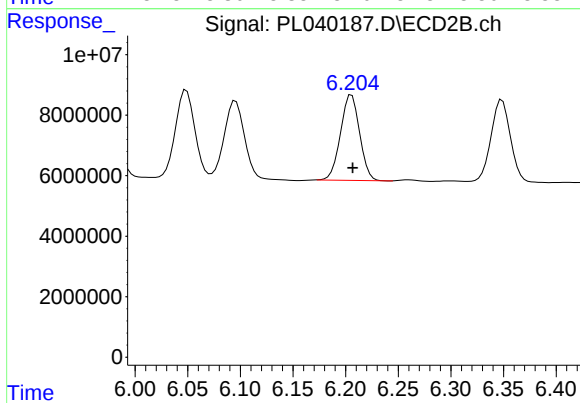
#11 alpha-Chlordane

R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 37270561  
Conc: 9.41 ng/ml



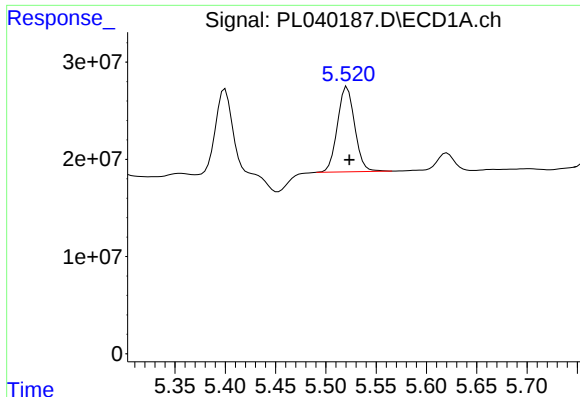
#12 4,4'-DDE

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 104144337  
Conc: 9.83 ng/ml



#12 4,4'-DDE

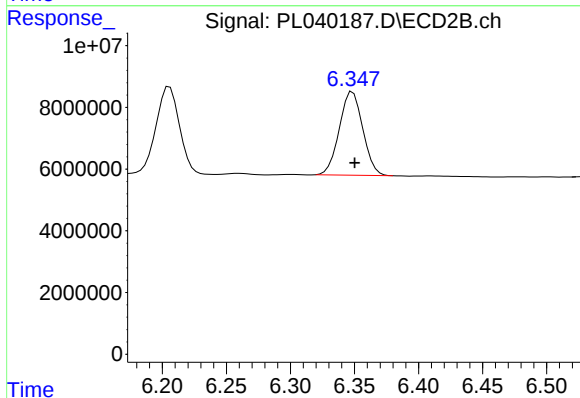
R.T.: 6.206 min  
Delta R.T.: -0.001 min  
Response: 35831365  
Conc: 9.42 ng/ml



#13 Dieldrin

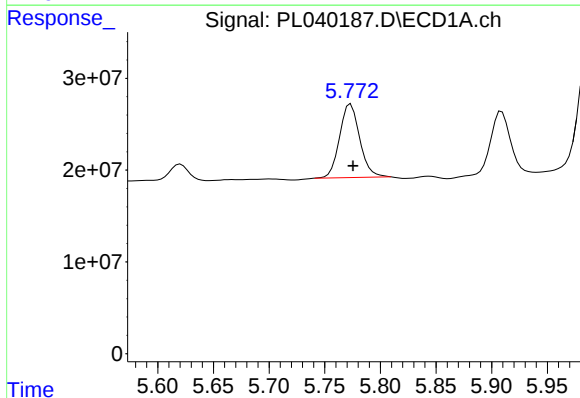
R.T.: 5.521 min  
Delta R.T.: -0.002 min  
Response: 104505725  
Conc: 9.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



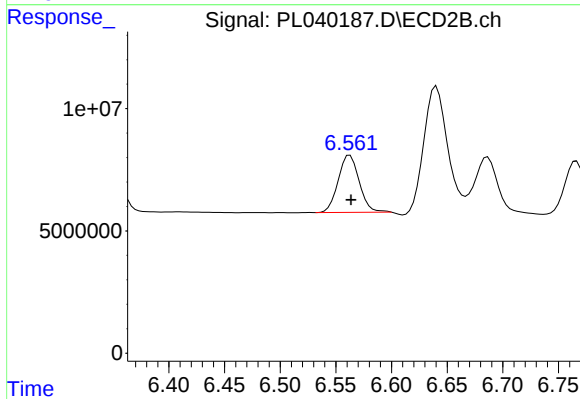
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 34445177  
Conc: 9.05 ng/ml



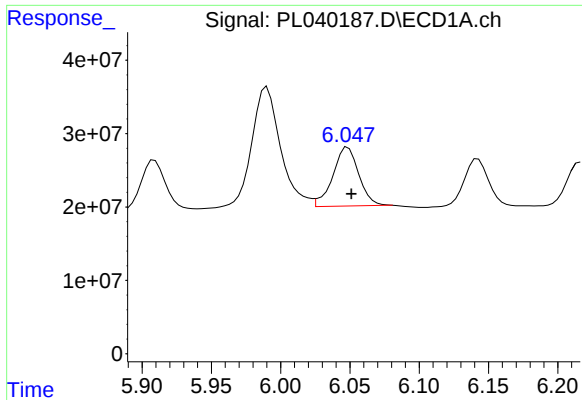
#14 Endrin

R.T.: 5.773 min  
Delta R.T.: -0.002 min  
Response: 101096199  
Conc: 9.85 ng/ml



#14 Endrin

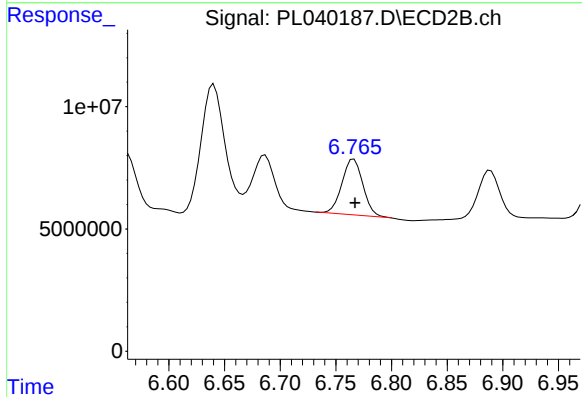
R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 30676351  
Conc: 9.42 ng/ml



#15 Endosulfan II

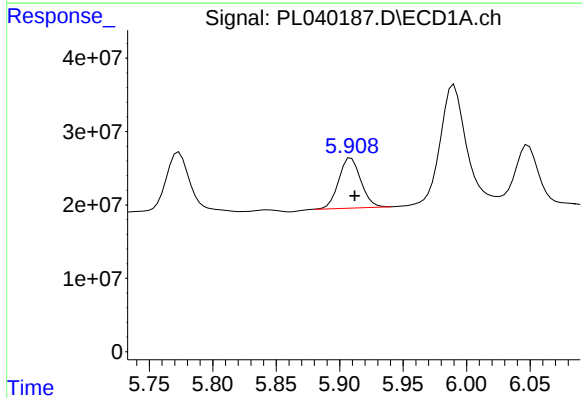
R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 104614297  
Conc: 10.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



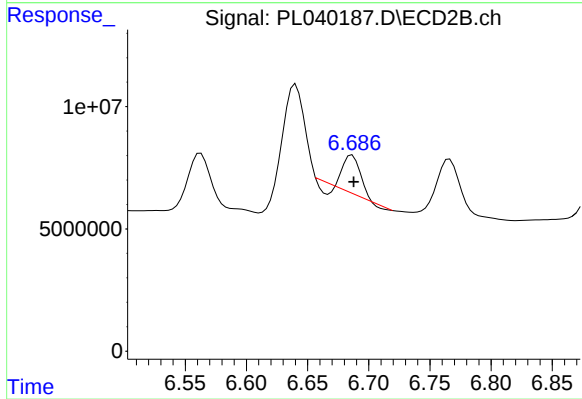
#15 Endosulfan II

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 29669827  
Conc: 8.98 ng/ml



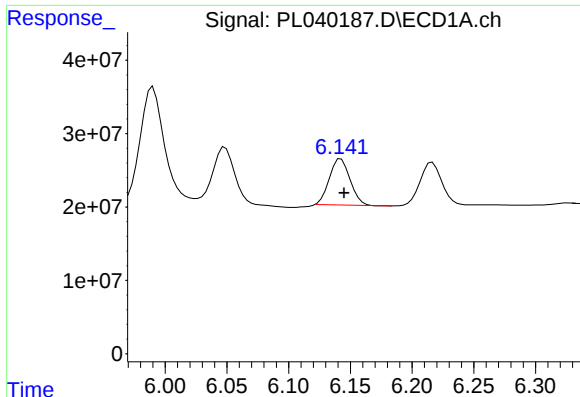
#16 4,4'-DDD

R.T.: 5.909 min  
Delta R.T.: -0.003 min  
Response: 83477285  
Conc: 9.63 ng/ml



#16 4,4'-DDD

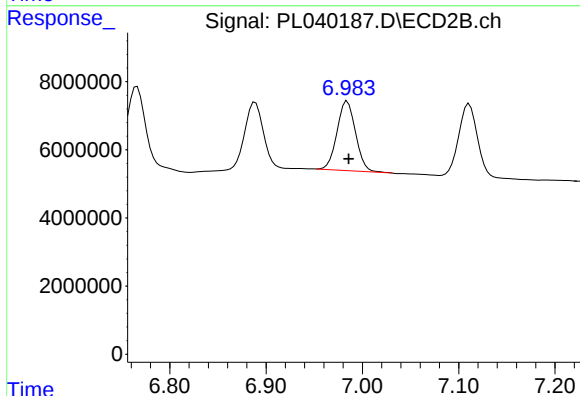
R.T.: 6.686 min  
Delta R.T.: -0.001 min  
Response: 11524302  
Conc: 3.99 ng/ml



#17 4,4'-DDT

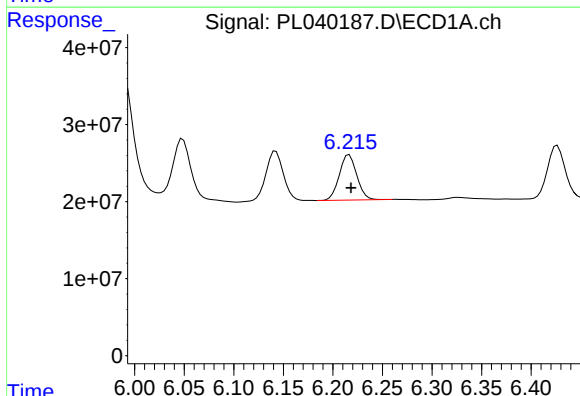
R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 73492671  
Conc: 8.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



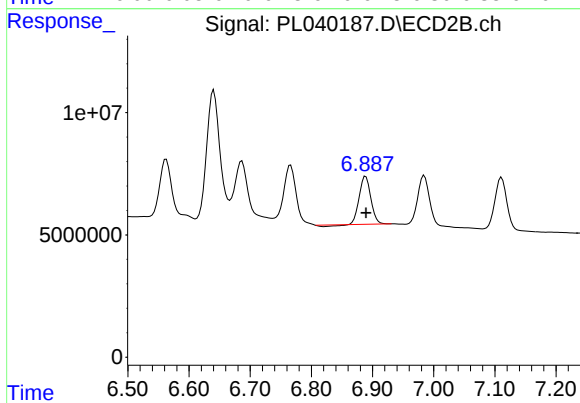
#17 4,4'-DDT

R.T.: 6.985 min  
Delta R.T.: -0.001 min  
Response: 27197311  
Conc: 9.09 ng/ml



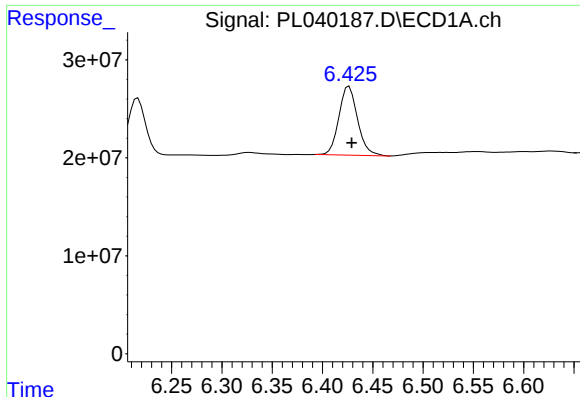
#18 Endrin aldehyde

R.T.: 6.216 min  
Delta R.T.: -0.002 min  
Response: 72596858  
Conc: 9.47 ng/ml



#18 Endrin aldehyde

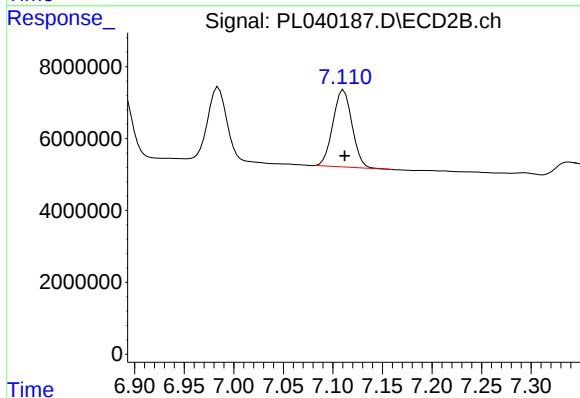
R.T.: 6.889 min  
Delta R.T.: 0.000 min  
Response: 25277448  
Conc: 9.63 ng/ml



#19 Endosulfan Sulfate

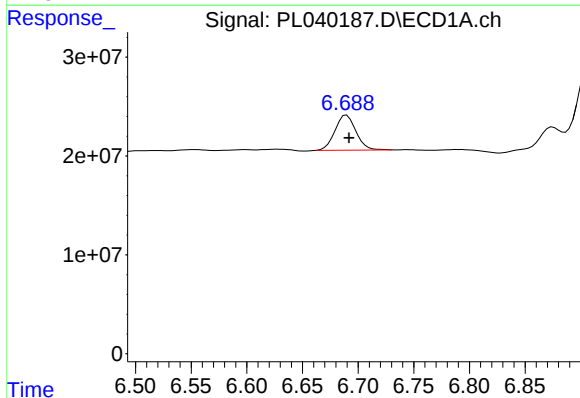
R.T.: 6.426 min  
Delta R.T.: -0.003 min  
Response: 90707493  
Conc: 9.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



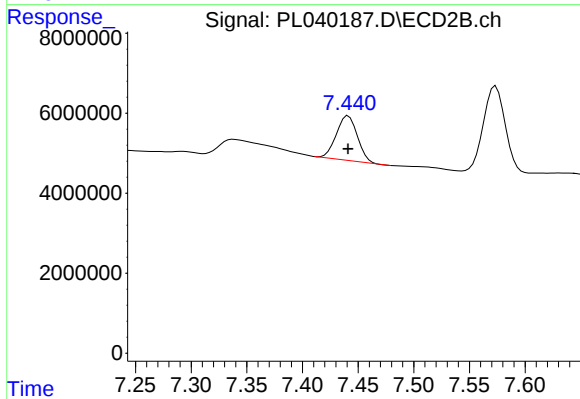
#19 Endosulfan Sulfate

R.T.: 7.111 min  
Delta R.T.: 0.000 min  
Response: 28669275  
Conc: 9.77 ng/ml



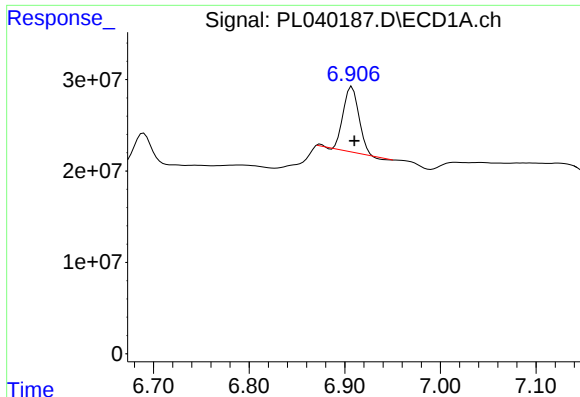
#20 Methoxychlor

R.T.: 6.690 min  
Delta R.T.: -0.002 min  
Response: 46717475  
Conc: 10.08 ng/ml



#20 Methoxychlor

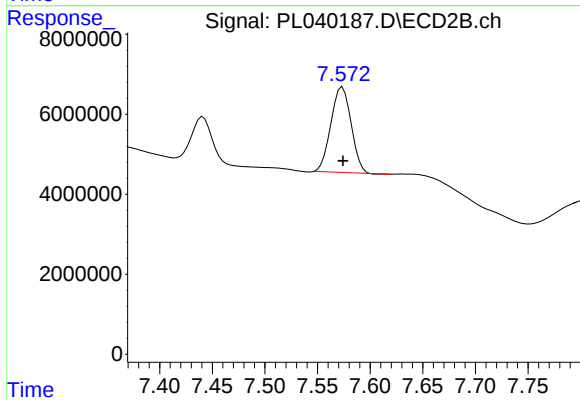
R.T.: 7.441 min  
Delta R.T.: 0.000 min  
Response: 14341634  
Conc: 9.78 ng/ml



#21 Endrin ketone

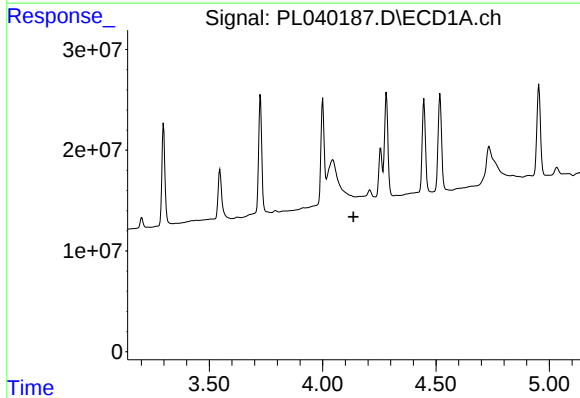
R.T.: 6.908 min  
Delta R.T.: -0.003 min  
Response: 78638213  
Conc: 8.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



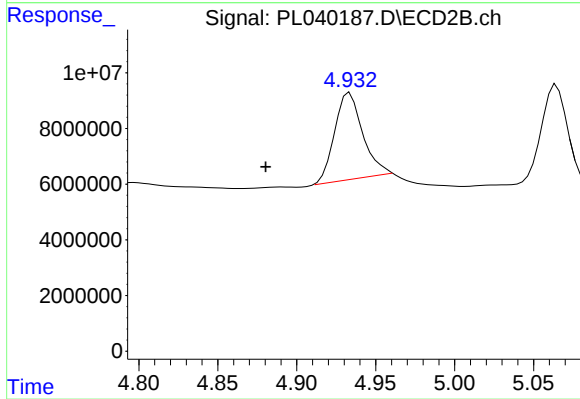
#21 Endrin ketone

R.T.: 7.574 min  
Delta R.T.: 0.000 min  
Response: 28570078  
Conc: 10.02 ng/ml



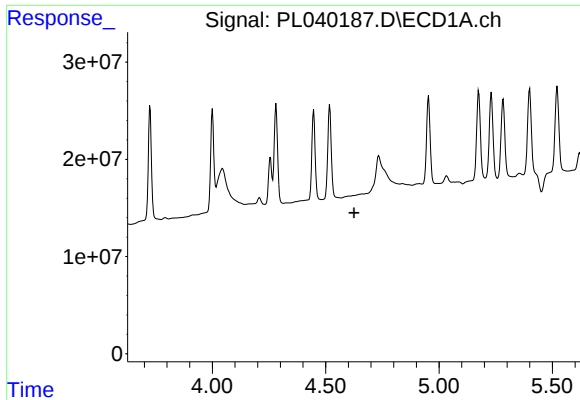
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.136 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

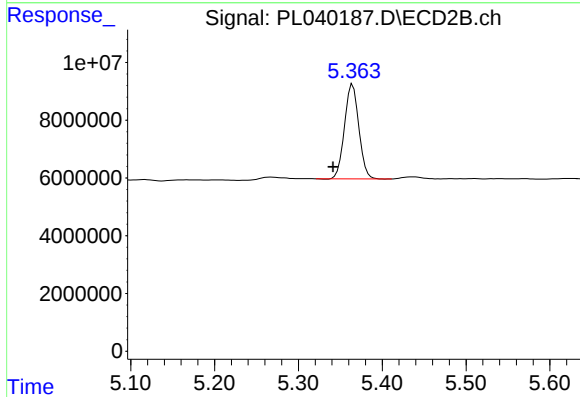
R.T.: 4.934 min  
Delta R.T.: 0.053 min  
Response: 39155407  
Conc: 252.87 ng/ml



#24 Chlordane-2

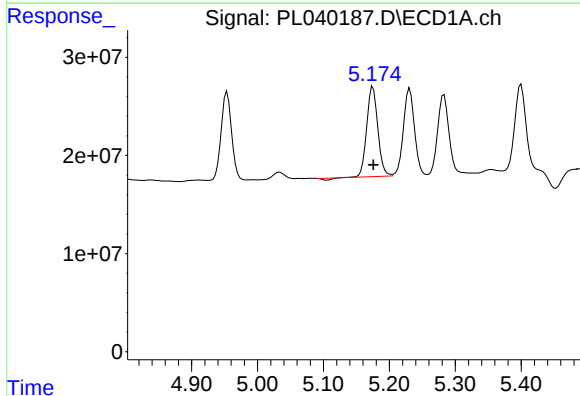
R.T.: 0.000 min  
Exp R.T.: 4.625 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



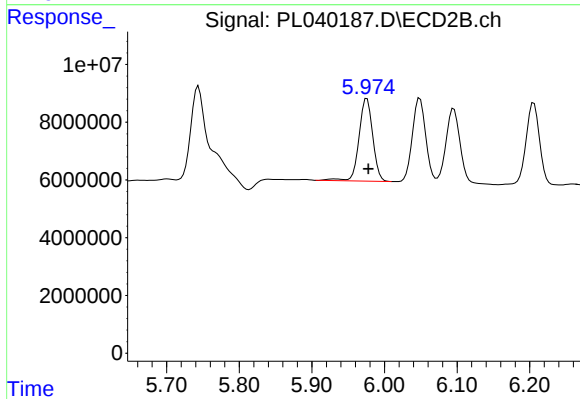
#24 Chlordane-2

R.T.: 5.365 min  
Delta R.T.: 0.024 min  
Response: 38968222  
Conc: 255.69 ng/ml



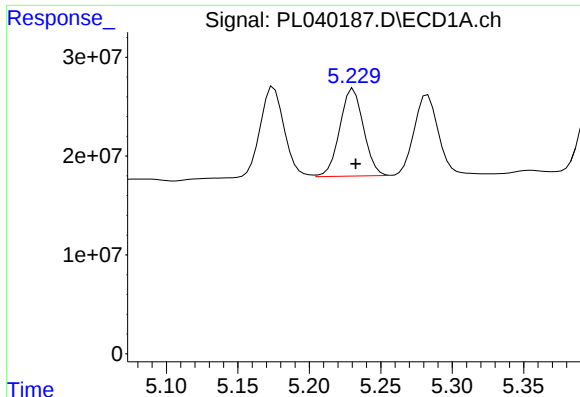
#25 Chlordane-3

R.T.: 5.175 min  
Delta R.T.: -0.001 min  
Response: 105691935  
Conc: 86.13 ng/ml



#25 Chlordane-3

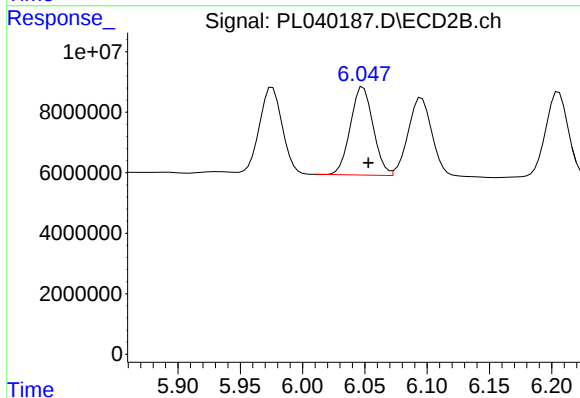
R.T.: 5.976 min  
Delta R.T.: -0.002 min  
Response: 37596480  
Conc: 73.44 ng/ml



#26 Chlordane-4

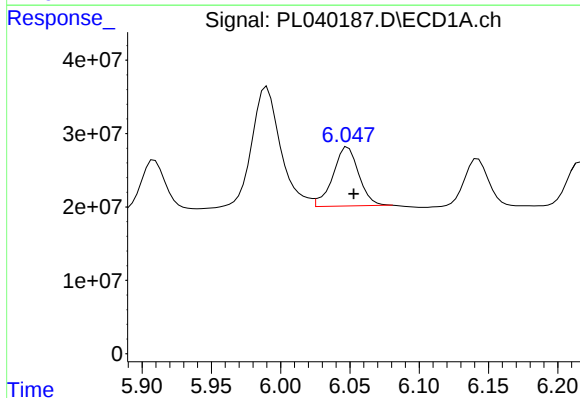
R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 102189621  
Conc: 93.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



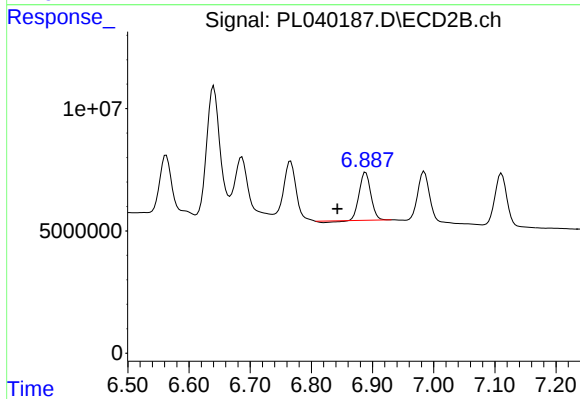
#26 Chlordane-4

R.T.: 6.049 min  
Delta R.T.: -0.004 min  
Response: 37270561  
Conc: 60.21 ng/ml



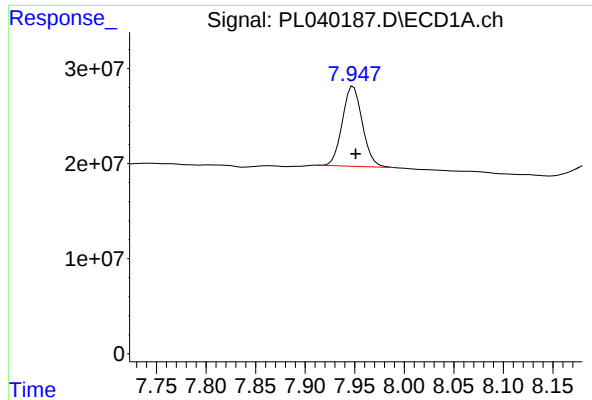
#27 Chlordane-5

R.T.: 6.048 min  
Delta R.T.: -0.004 min  
Response: 104614297  
Conc: 282.17 ng/ml



#27 Chlordane-5

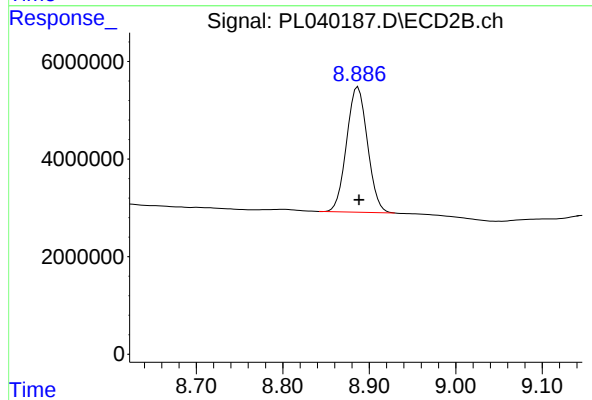
R.T.: 6.889 min  
Delta R.T.: 0.046 min  
Response: 25277448  
Conc: 217.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.003 min  
Response: 118071519  
Conc: 14.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.887 min  
Delta R.T.: -0.001 min  
Response: 42888674  
Conc: 15.79 ng/ml