

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112918\  
 Data File : PL042592.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2018 15:22  
 Operator : AJ\SJ  
 Sample : J6125-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 23:52:48 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.467 | 4.101 | 105.6E6  | 57174822 | 17.956  | 19.879     |
| 28)                         | SA Decachlor... | 8.206 | 9.233 | 94199975 | 35537561 | 14.947  | 14.735     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.907 | 4.497 | 402.9E6  | 195.6E6  | 44.649  | 45.682     |
| 3)                          | MA gamma-BHC... | 4.190 | 4.785 | 377.5E6  | 187.2E6  | 45.798  | 47.379     |
| 4)                          | MA Heptachlor   | 4.485 | 5.301 | 369.3E6  | 170.6E6  | 42.441  | 43.478     |
| 5)                          | MB Aldrin       | 4.731 | 5.610 | 328.0E6  | 180.8E6  | 40.394  | 47.071     |
| 6)                          | B beta-BHC      | 4.443 | 4.955 | 154.5E6  | 67116892 | 43.605  | 42.540     |
| 7)                          | B delta-BHC     | 4.645 | 5.175 | 278.3E6  | 146.4E6  | 36.341  | 39.774     |
| 8)                          | B Heptachlo...  | 5.175 | 5.998 | 325.7E6  | 172.5E6  | 42.967  | 48.123     |
| 9)                          | A Endosulfan I  | 5.513 | 6.359 | 281.9E6  | 131.8E6  | 40.734  | 41.750     |
| 10)                         | B gamma-Chl...  | 5.401 | 6.234 | 376.8E6  | 143.9E6  | 49.423  | 42.269     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.307 | 341.6E6  | 157.3E6  | 45.502  | 47.029     |
| 12)                         | B 4,4'-DDE      | 5.624 | 6.461 | 267.3E6  | 157.9E6  | 40.835  | 47.448     |
| 13)                         | MA Dieldrin     | 5.755 | 6.617 | 369.5E6  | 147.4E6  | 50.232  | 44.272     |
| 14)                         | MA Endrin       | 6.011 | 6.836 | 260.8E6  | 137.4E6  | 39.871  | 49.883 #   |
| 15)                         | B Endosulfa...  | 6.287 | 7.045 | 277.8E6  | 116.1E6  | 44.442  | 42.029     |
| 16)                         | A 4,4'-DDD      | 6.141 | 6.954 | 236.1E6  | 134.9E6  | 44.583  | 51.262     |
| 17)                         | MA 4,4'-DDT     | 6.378 | 7.254 | 245.5E6  | 96955701 | 44.093  | 36.717     |
| 18)                         | B Endrin al...  | 6.454 | 7.170 | 199.4E6  | 95015606 | 38.347  | 41.444     |
| 19)                         | B Endosulfa...  | 6.667 | 7.393 | 252.4E6  | 110.2E6  | 40.447  | 39.608     |
| 20)                         | A Methoxychlor  | 6.925 | 7.711 | 116.5E6  | 49271065 | 36.940  | 36.137     |
| 21)                         | B Endrin ke...  | 7.157 | 7.868 | 270.8E6  | 116.6E6  | 39.113  | 42.192     |
| 23)                         | Chlordane-1     | 4.335 | 5.110 | 11581916 | 1905171  | 41.892  | 14.332 #   |
| 24)                         | Chlordane-2     | 4.836 | 5.610 | 7903481  | 180.8E6  | 28.124  | 1296.366 # |
| 25)                         | Chlordane-3     | 5.401 | 6.234 | 376.8E6  | 143.9E6  | 429.880 | 306.216 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.307 | 341.6E6  | 157.3E6  | 450.083 | 287.409 #  |
| 27)                         | Chlordane-5     | 6.287 | 7.081 | 277.8E6  | 4567139  | 932.238 | 47.478 #   |
| -----                       |                 |       |       |          |          |         |            |

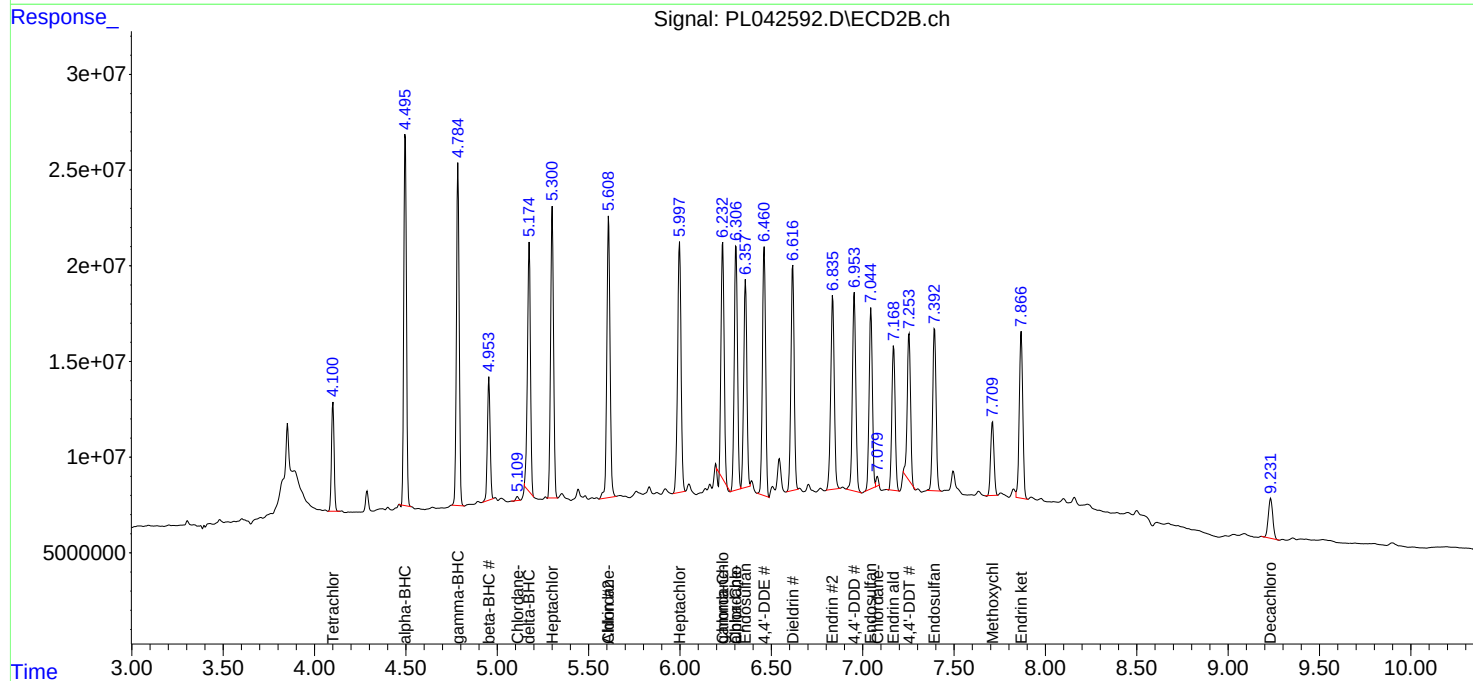
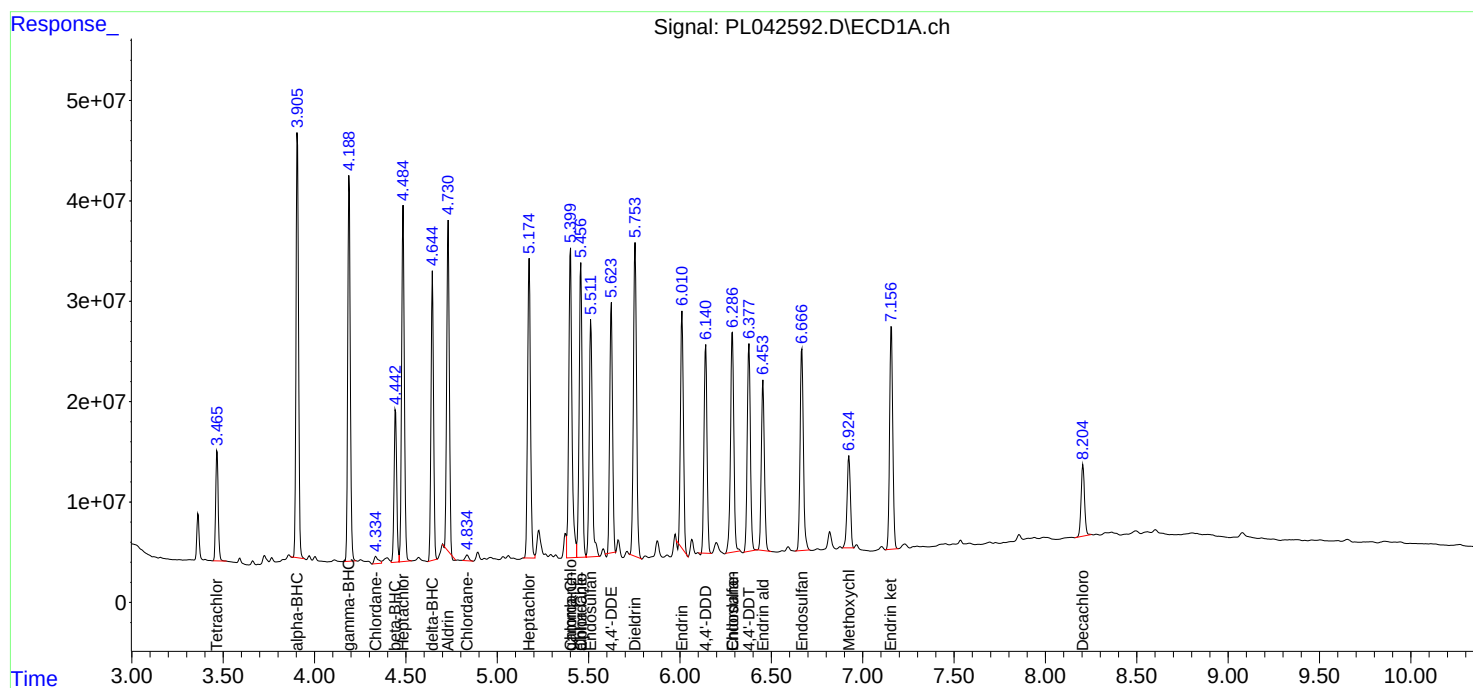
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

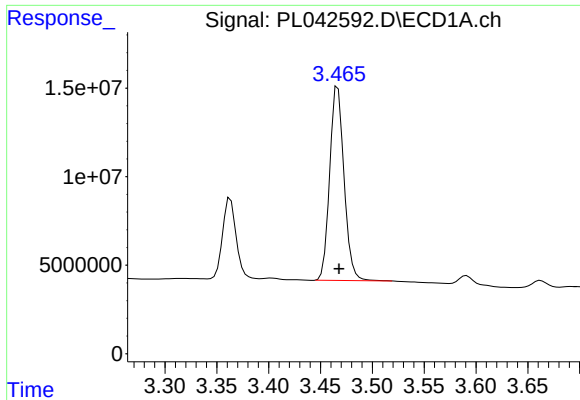
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112918\  
Data File : PL042592.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2018 15:22  
Operator : AJ\SJ  
Sample : J6125-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 23:52:48 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

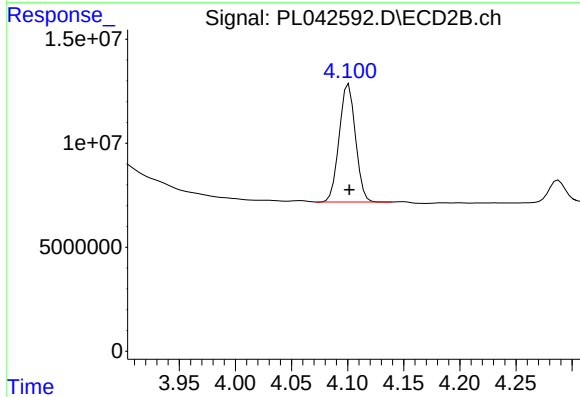




#1 Tetrachloro-m-xylene

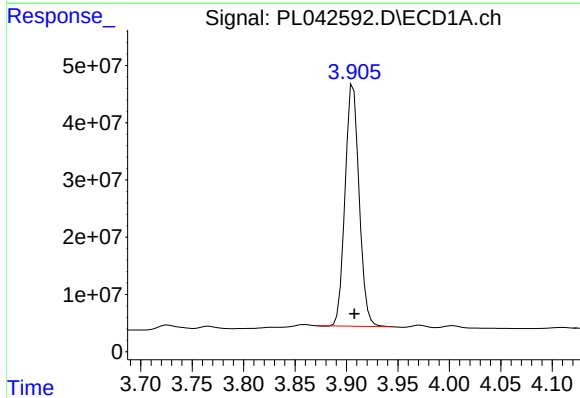
R.T.: 3.467 min  
Delta R.T.: -0.001 min  
Response: 105642607  
Conc: 17.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



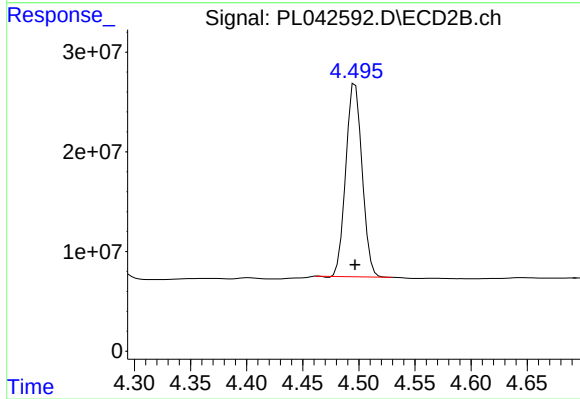
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 57174822  
Conc: 19.88 ng/ml



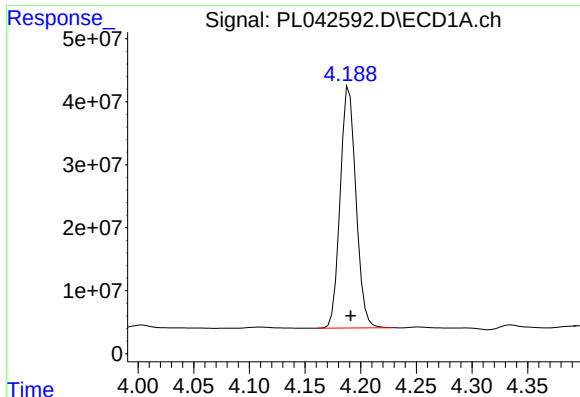
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: -0.001 min  
Response: 402876226  
Conc: 44.65 ng/ml



#2 alpha-BHC

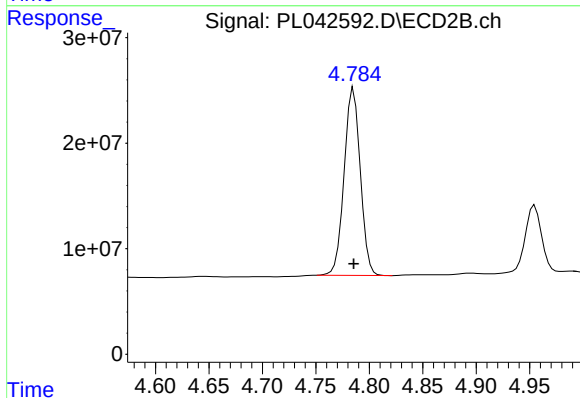
R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 195632660  
Conc: 45.68 ng/ml



#3 gamma-BHC (Lindane)

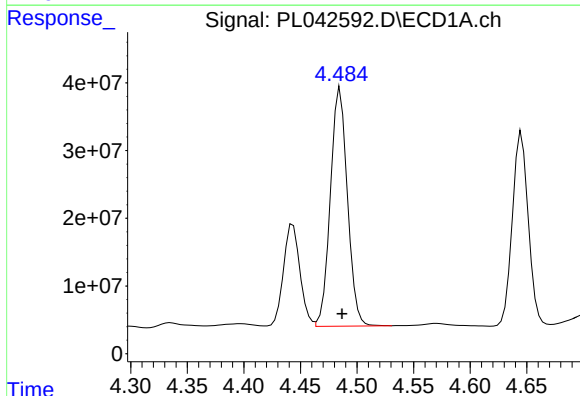
R.T.: 4.190 min  
Delta R.T.: -0.001 min  
Response: 377464192  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



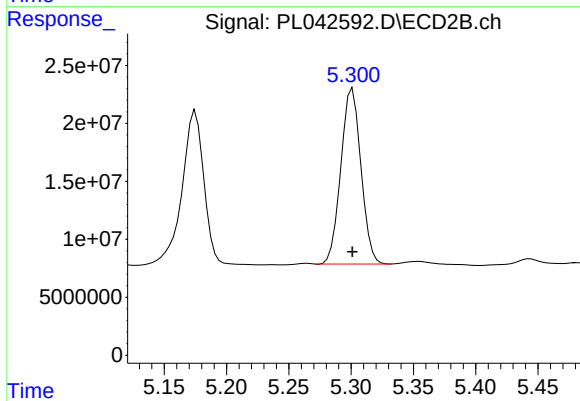
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 187223203  
Conc: 47.38 ng/ml



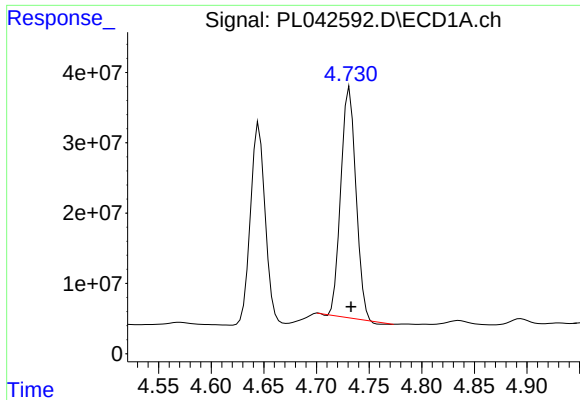
#4 Heptachlor

R.T.: 4.485 min  
Delta R.T.: -0.002 min  
Response: 369292429  
Conc: 42.44 ng/ml



#4 Heptachlor

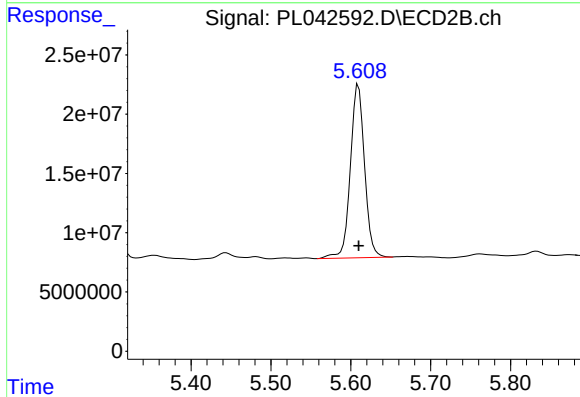
R.T.: 5.301 min  
Delta R.T.: 0.000 min  
Response: 170557340  
Conc: 43.48 ng/ml



#5 Aldrin

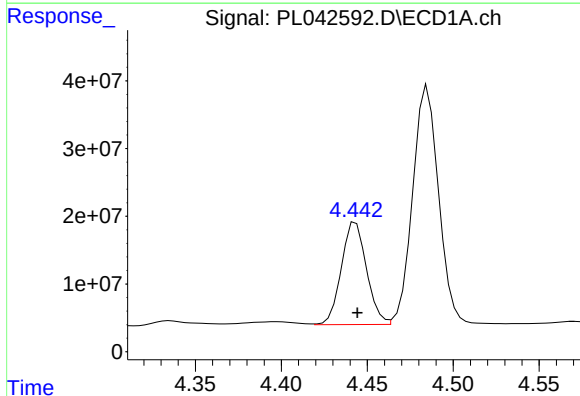
R.T.: 4.731 min  
Delta R.T.: -0.002 min  
Response: 327956058  
Conc: 40.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



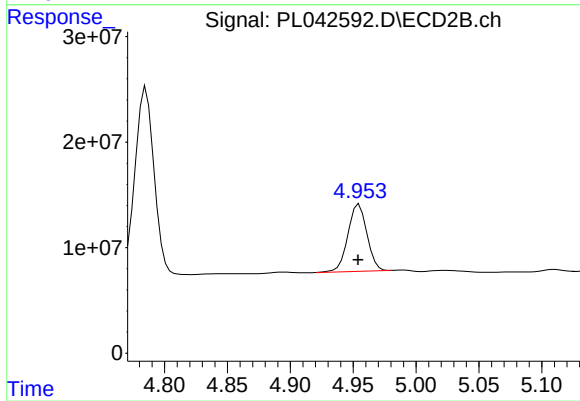
#5 Aldrin

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 180770496  
Conc: 47.07 ng/ml



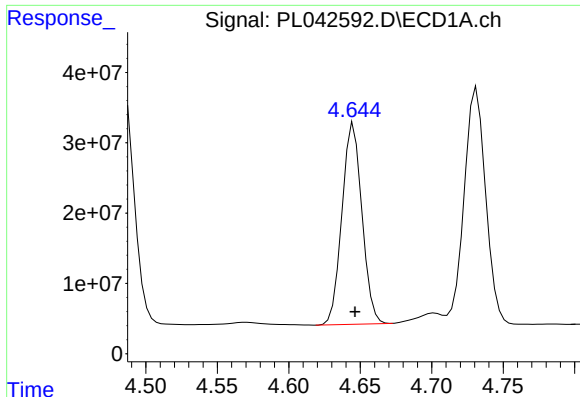
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 154482577  
Conc: 43.61 ng/ml



#6 beta-BHC

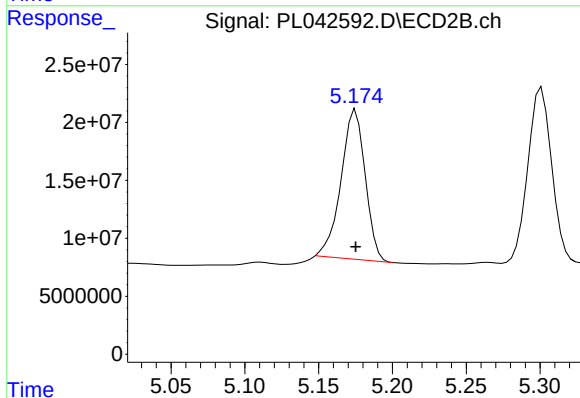
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 67116892  
Conc: 42.54 ng/ml



#7 delta-BHC

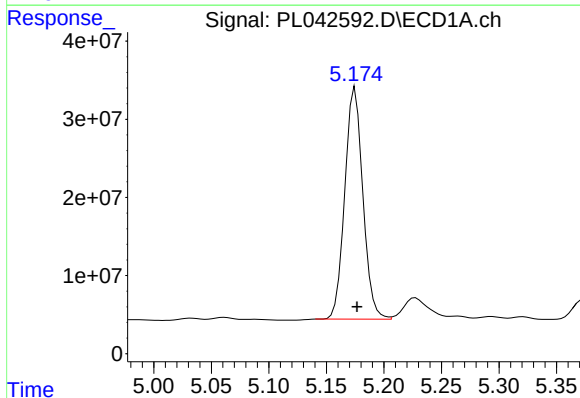
R.T.: 4.645 min  
Delta R.T.: -0.001 min  
Response: 278300281  
Conc: 36.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



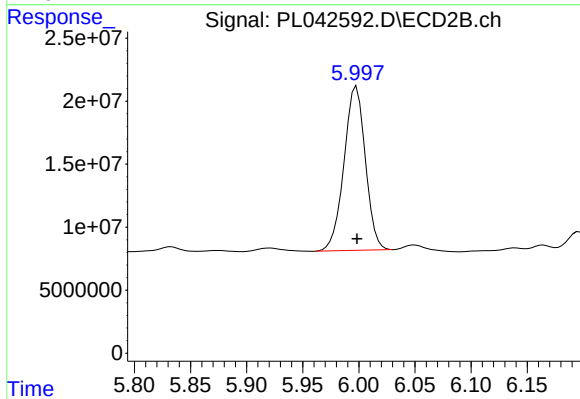
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 146373786  
Conc: 39.77 ng/ml



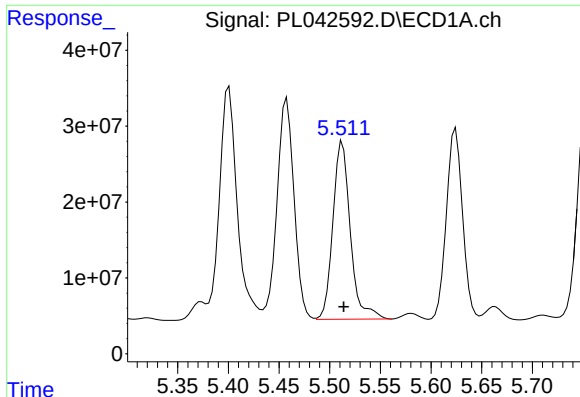
#8 Heptachlor epoxide

R.T.: 5.175 min  
Delta R.T.: -0.002 min  
Response: 325670221  
Conc: 42.97 ng/ml



#8 Heptachlor epoxide

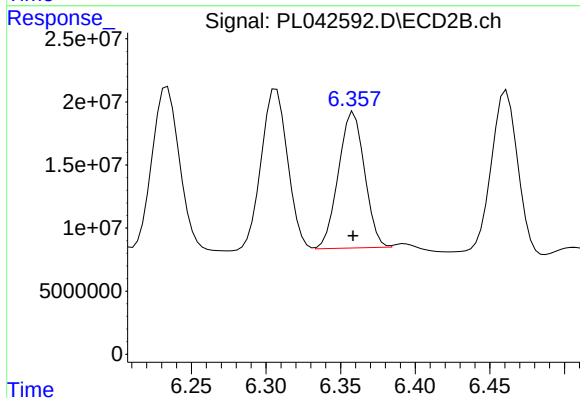
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 172547689  
Conc: 48.12 ng/ml



#9 Endosulfan I

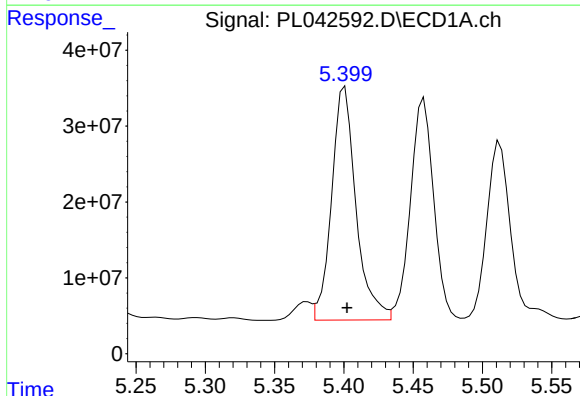
R.T.: 5.513 min  
Delta R.T.: -0.001 min  
Response: 281889741  
Conc: 40.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



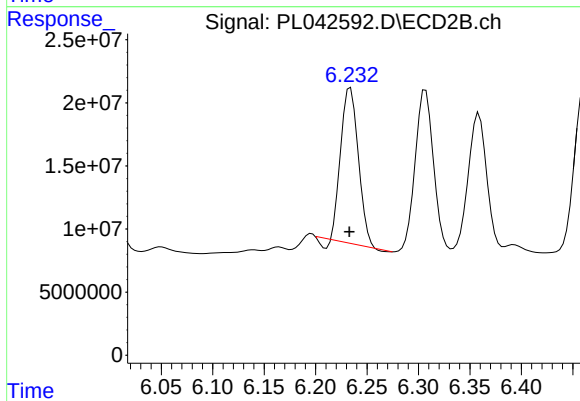
#9 Endosulfan I

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 131849033  
Conc: 41.75 ng/ml



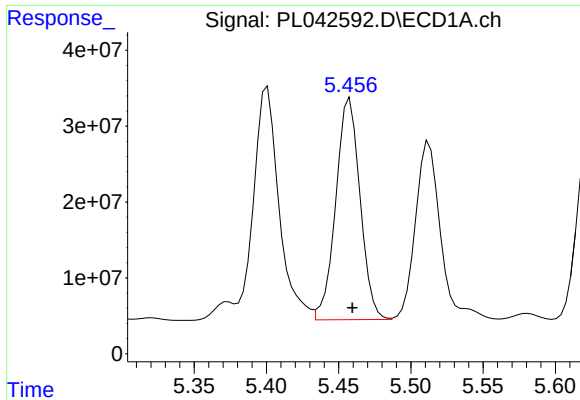
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 376828856  
Conc: 49.42 ng/ml



#10 gamma-Chlordane

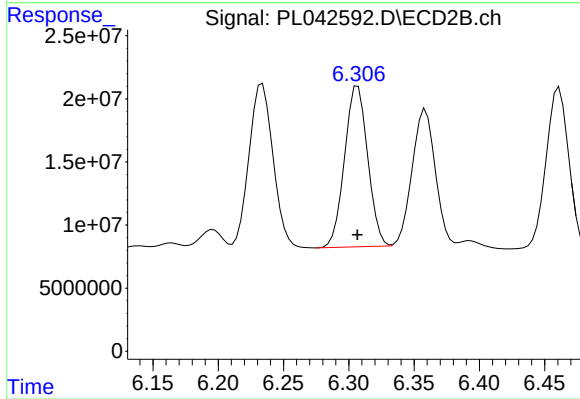
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 143898541  
Conc: 42.27 ng/ml



#11 alpha-Chlordane

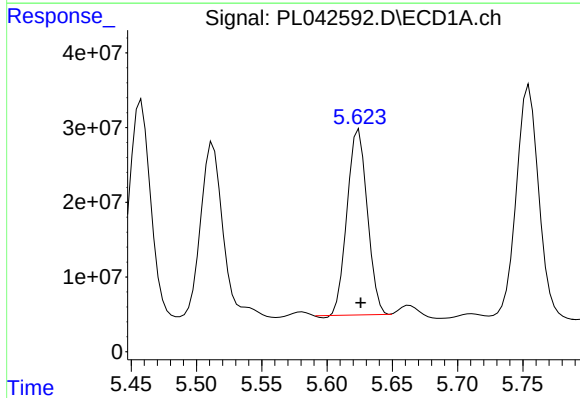
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 341577330  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



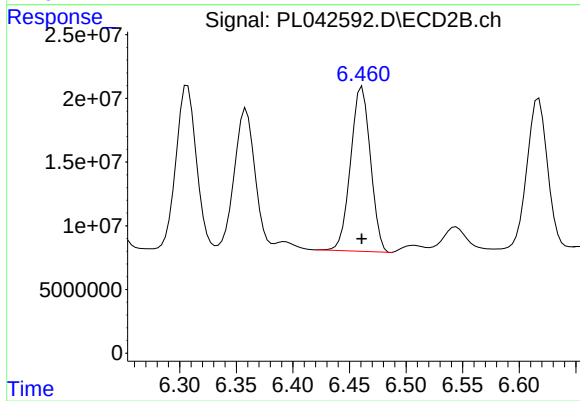
#11 alpha-Chlordane

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 157257720  
Conc: 47.03 ng/ml



#12 4,4'-DDE

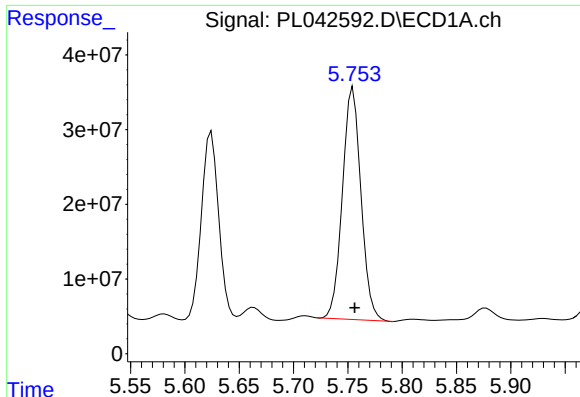
R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 267269958  
Conc: 40.83 ng/ml



#12 4,4'-DDE

R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 157913560  
Conc: 47.45 ng/ml

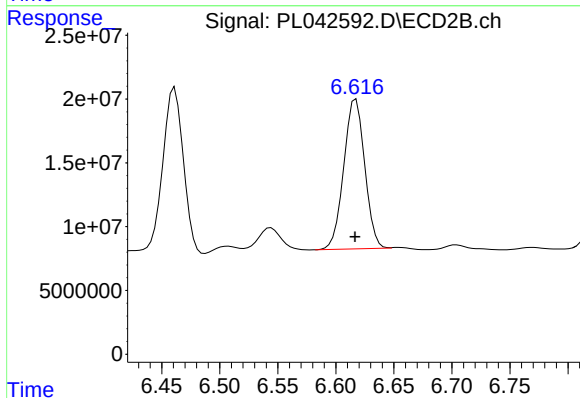




#13 Dieldrin

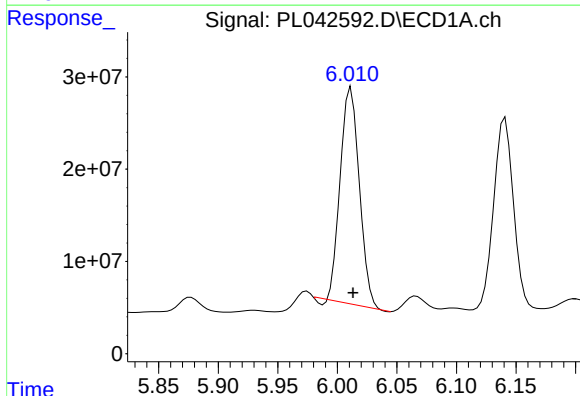
R.T.: 5.755 min  
Delta R.T.: -0.002 min  
Response: 369548121  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



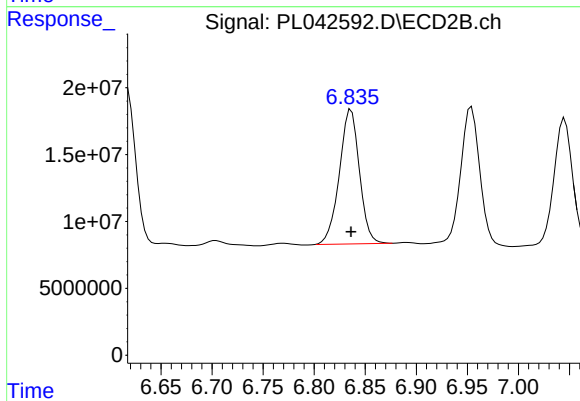
#13 Dieldrin

R.T.: 6.617 min  
Delta R.T.: 0.000 min  
Response: 147359757  
Conc: 44.27 ng/ml



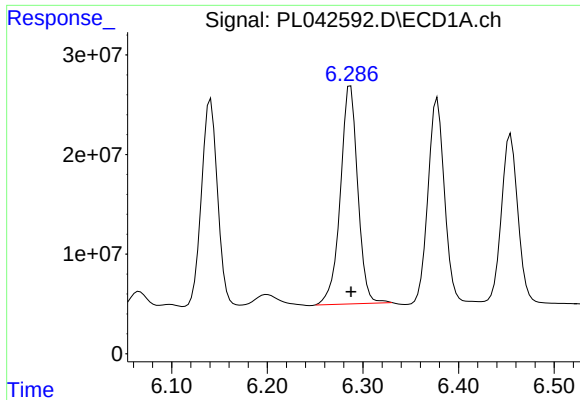
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 260766578  
Conc: 39.87 ng/ml



#14 Endrin

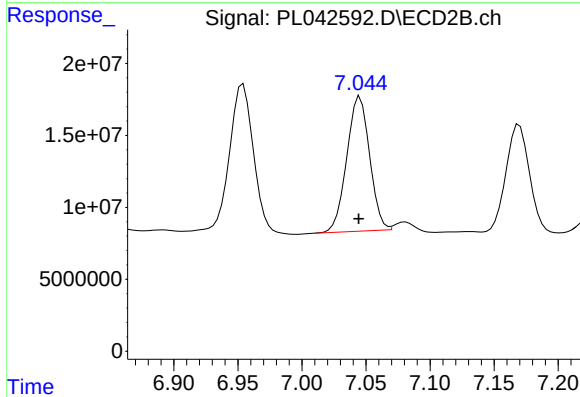
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 137405296  
Conc: 49.88 ng/ml



#15 Endosulfan II

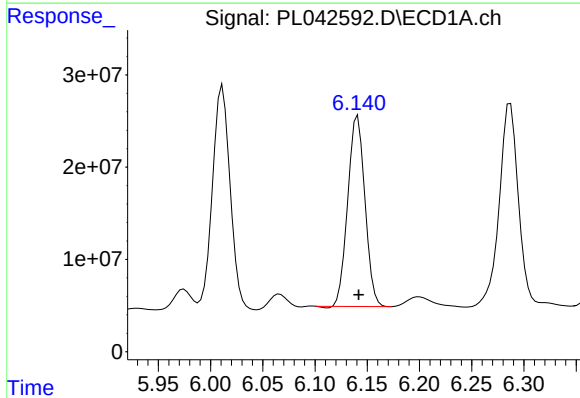
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 277781002  
Conc: 44.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



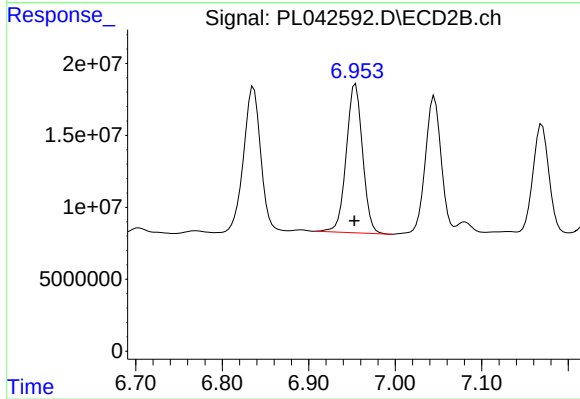
#15 Endosulfan II

R.T.: 7.045 min  
Delta R.T.: 0.001 min  
Response: 116072106  
Conc: 42.03 ng/ml



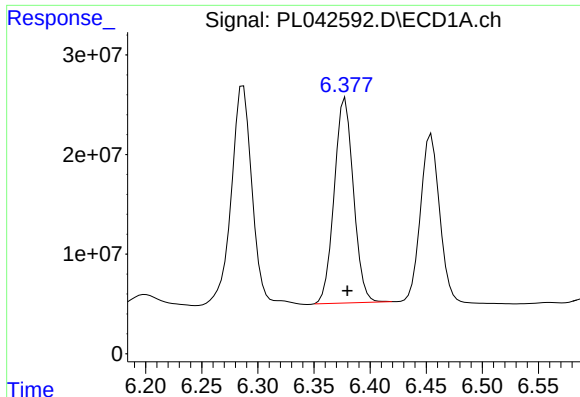
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 236058734  
Conc: 44.58 ng/ml



#16 4,4'-DDD

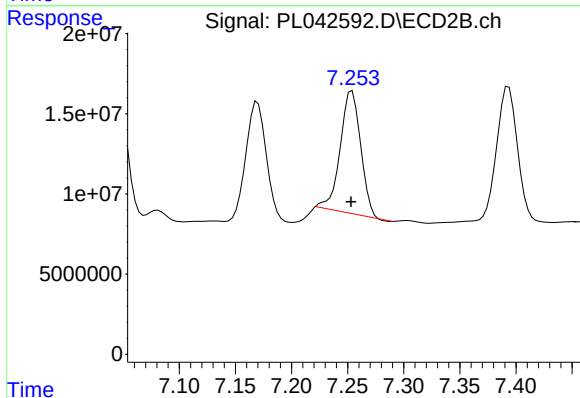
R.T.: 6.954 min  
Delta R.T.: 0.001 min  
Response: 134927508  
Conc: 51.26 ng/ml



#17 4,4'-DDT

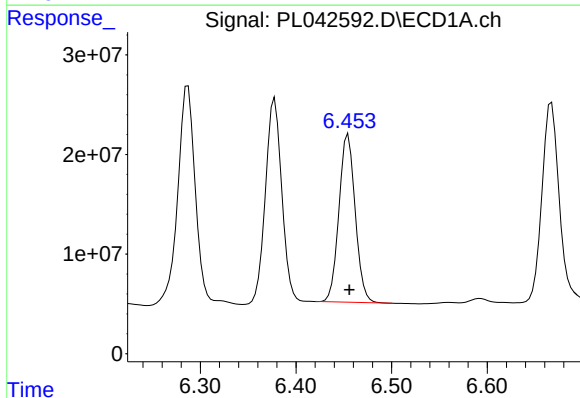
R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 245457338  
Conc: 44.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



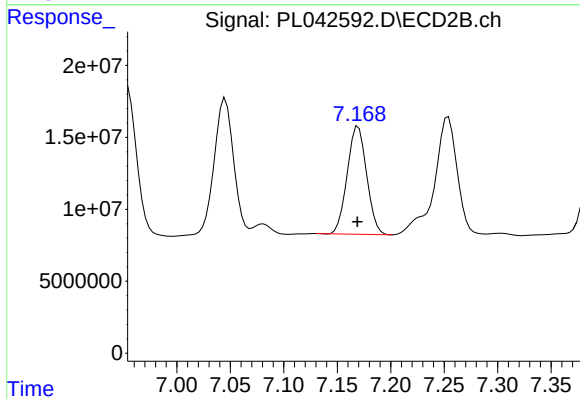
#17 4,4'-DDT

R.T.: 7.254 min  
Delta R.T.: 0.000 min  
Response: 96955701  
Conc: 36.72 ng/ml



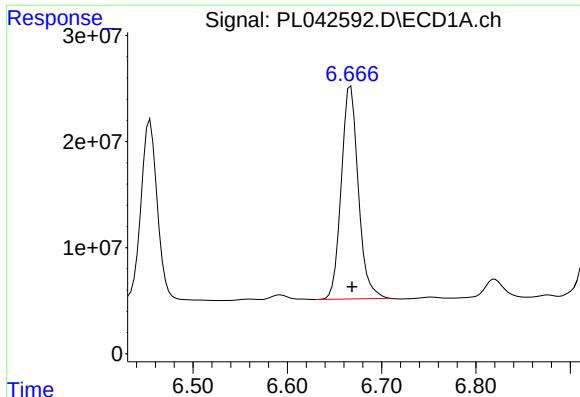
#18 Endrin aldehyde

R.T.: 6.454 min  
Delta R.T.: -0.001 min  
Response: 199351377  
Conc: 38.35 ng/ml



#18 Endrin aldehyde

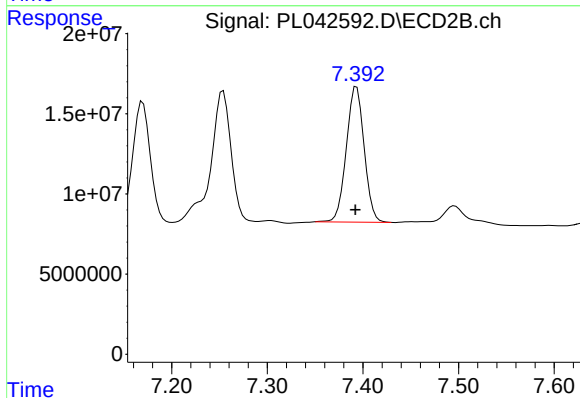
R.T.: 7.170 min  
Delta R.T.: 0.001 min  
Response: 95015606  
Conc: 41.44 ng/ml



#19 Endosulfan Sulfate

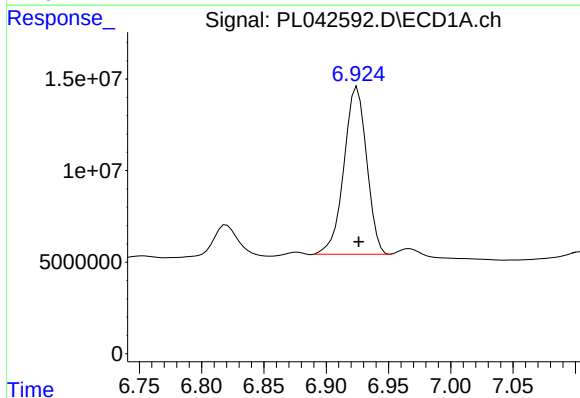
R.T.: 6.667 min  
Delta R.T.: -0.002 min  
Response: 252362563  
Conc: 40.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



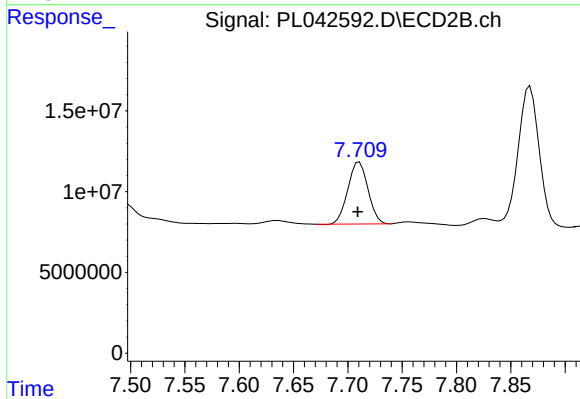
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: 0.001 min  
Response: 110152489  
Conc: 39.61 ng/ml



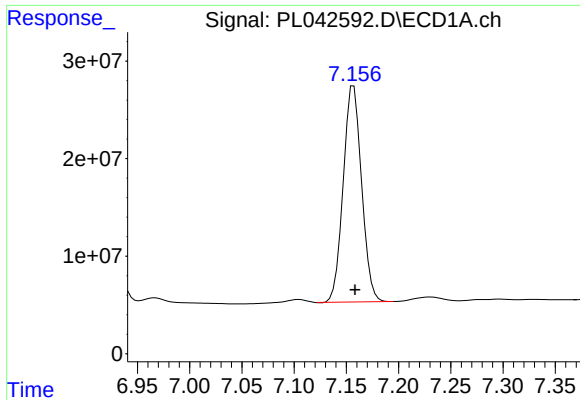
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.001 min  
Response: 116501156  
Conc: 36.94 ng/ml



#20 Methoxychlor

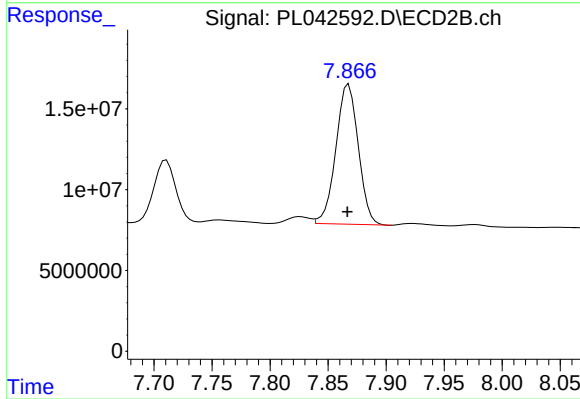
R.T.: 7.711 min  
Delta R.T.: 0.001 min  
Response: 49271065  
Conc: 36.14 ng/ml



#21 Endrin ketone

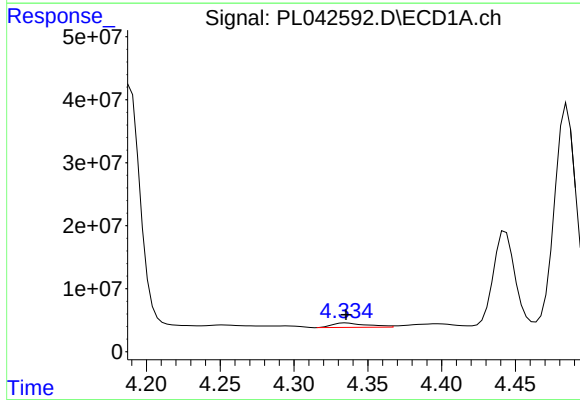
R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 270832594  
Conc: 39.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



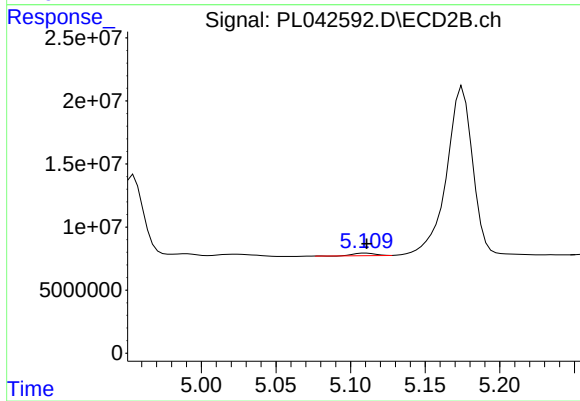
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: 0.001 min  
Response: 116616273  
Conc: 42.19 ng/ml



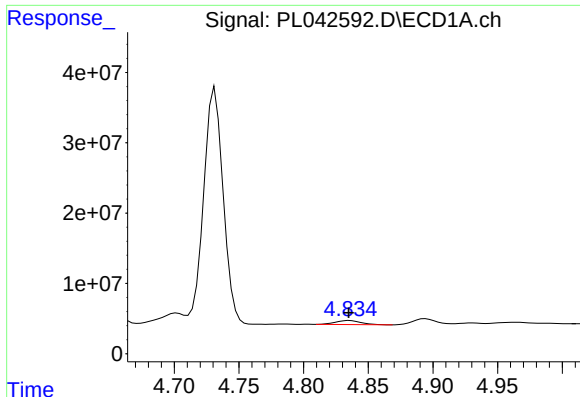
#23 Chlordane-1

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 11581916  
Conc: 41.89 ng/ml



#23 Chlordane-1

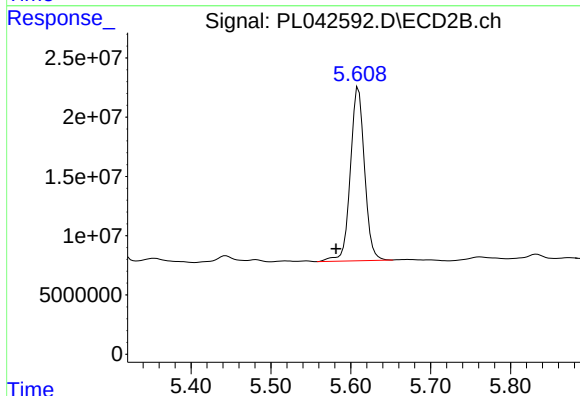
R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 1905171  
Conc: 14.33 ng/ml



#24 Chlordane-2

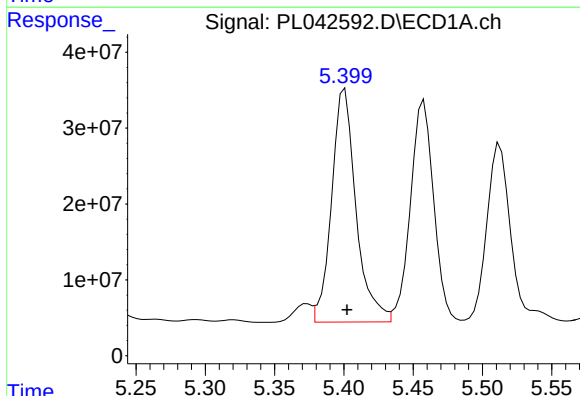
R.T.: 4.836 min  
Delta R.T.: 0.000 min  
Response: 7903481  
Conc: 28.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



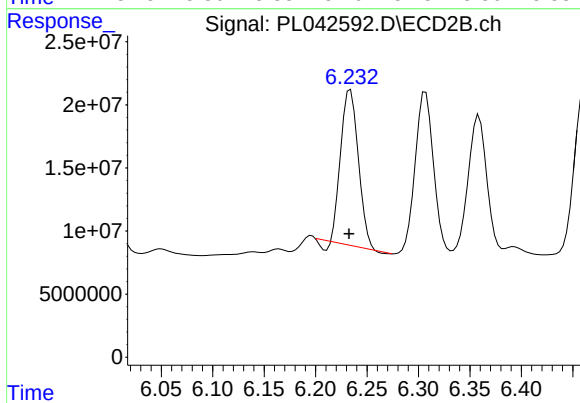
#24 Chlordane-2

R.T.: 5.610 min  
Delta R.T.: 0.028 min  
Response: 180770496  
Conc: 1296.37 ng/ml



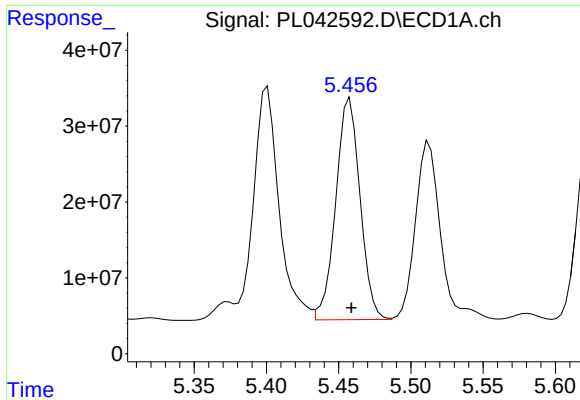
#25 Chlordane-3

R.T.: 5.401 min  
Delta R.T.: -0.002 min  
Response: 376828856  
Conc: 429.88 ng/ml



#25 Chlordane-3

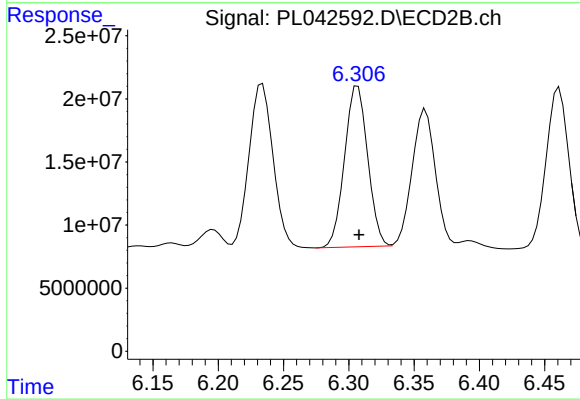
R.T.: 6.234 min  
Delta R.T.: 0.001 min  
Response: 143898541  
Conc: 306.22 ng/ml



#26 Chlordane-4

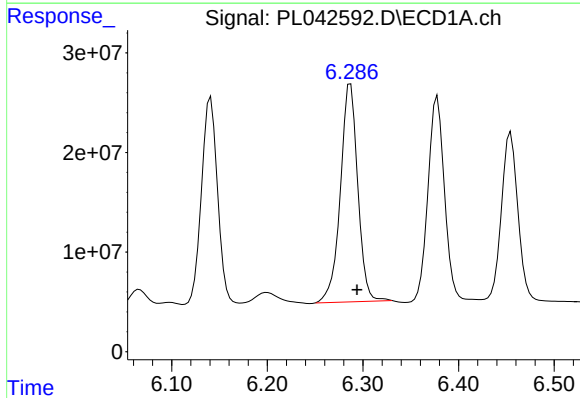
R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 341577330  
Conc: 450.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



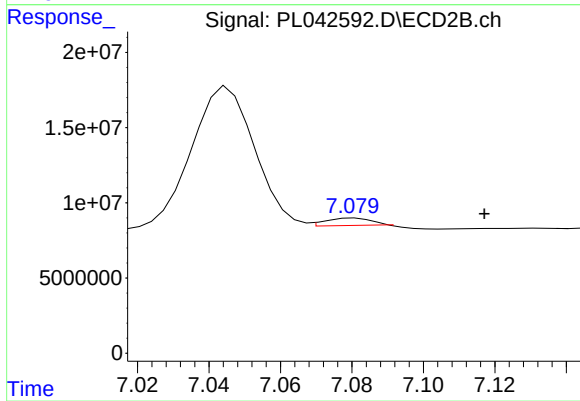
#26 Chlordane-4

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 157257720  
Conc: 287.41 ng/ml



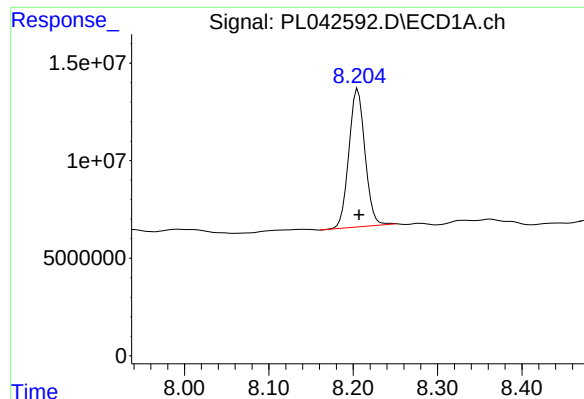
#27 Chlordane-5

R.T.: 6.287 min  
Delta R.T.: -0.007 min  
Response: 277781002  
Conc: 932.24 ng/ml



#27 Chlordane-5

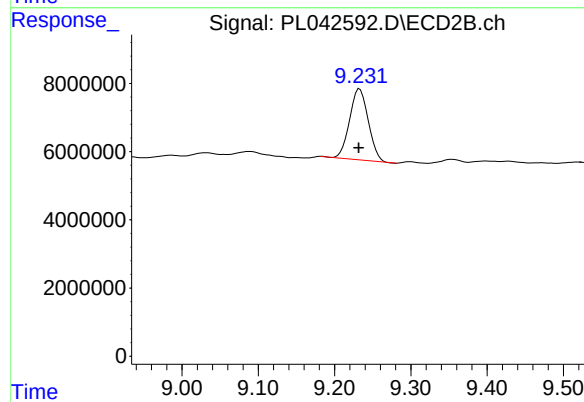
R.T.: 7.081 min  
Delta R.T.: -0.036 min  
Response: 4567139  
Conc: 47.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.001 min  
Response: 94199975  
Conc: 14.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.233 min  
Delta R.T.: 0.001 min  
Response: 35537561  
Conc: 14.73 ng/ml