

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043091.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2018 17:06  
 Operator : AJ\SJ  
 Sample : J6357-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 00:25:50 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.463  | 4.098  | 121.8E6   | 62473522 | 19.861  | 21.078    |
| 28)                         | SA Decachlor... | 8.197  | 9.224  | 111.3E6   | 43822110 | 17.045  | 16.800    |
| Target Compounds            |                 |        |        |           |          |         |           |
| 2)                          | A alpha-BHC     | 3.857f | 0.000  | 2748903   | 0        | 0.291   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.195  | 0.000  | 2170583   | 0        | 0.251   | N.D. #    |
| 6)                          | B beta-BHC      | 4.405f | 0.000  | 3021567   | 0        | 0.819   | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 5.158  | 0         | 19808328 | N.D.    | 4.609 #   |
| 8)                          | B Heptachlo...  | 5.192  | 5.982  | -734003   | 43225009 | N.D.    | 11.399    |
| 9)                          | A Endosulfan I  | 5.535  | 0.000  | 7591721   | 0        | 1.036   | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.437  | 6.242f | -3200291  | 10435156 | N.D.    | 2.902     |
| 12)                         | B 4,4'-DDE      | 5.657f | 6.479  | 19255465  | 23980249 | 2.781   | 6.618 #   |
| 13)                         | MA Dieldrin     | 5.761  | 6.598  | 277.0E6   | 153.8E6  | 35.632  | 42.409    |
| 14)                         | MA Endrin       | 6.001  | 6.816  | 93052231  | 37665942 | 12.923  | 12.065    |
| 15)                         | B Endosulfa...  | 6.266  | 7.021  | 75163487  | 79921944 | 11.299  | 26.395 #  |
| 16)                         | A 4,4'-DDD      | 6.197f | 6.954  | 425.0E6   | 459.8E6  | 74.940  | 156.782 # |
| 17)                         | MA 4,4'-DDT     | 6.366  | 7.298f | 646.5E6   | 305.9E6  | 108.673 | 104.147   |
| 18)                         | B Endrin al...  | 6.459  | 7.174  | 123.3E6   | 33875255 | 22.370  | 13.505 #  |
| 19)                         | B Endosulfa...  | 6.652  | 0.000  | 629.4E6   | 0        | 93.954  | N.D. #    |
| 20)                         | A Methoxychlor  | 6.952  | 7.694  | -30818610 | 14622075 | N.D.    | 9.694     |
| 21)                         | B Endrin ke...  | 7.171  | 7.818f | 345.8E6   | 354.7E6  | 47.827  | 116.044 # |
| 23)                         | Chlordane-1     | 4.337  | 5.158  | 1574111   | 19808328 | 5.858   | 140.154 # |
| 24)                         | Chlordane-2     | 4.890  | 5.625  | 5464647   | 1042951  | 19.039  | 7.271 #   |
| 26)                         | Chlordane-4     | 5.437  | 6.242  | -3200291  | 10435156 | N.D.    | 18.283    |
| 27)                         | Chlordane-5     | 6.266  | 7.174  | 75163487  | 33875255 | 313.371 | 288.942   |
| -----                       |                 |        |        |           |          |         |           |

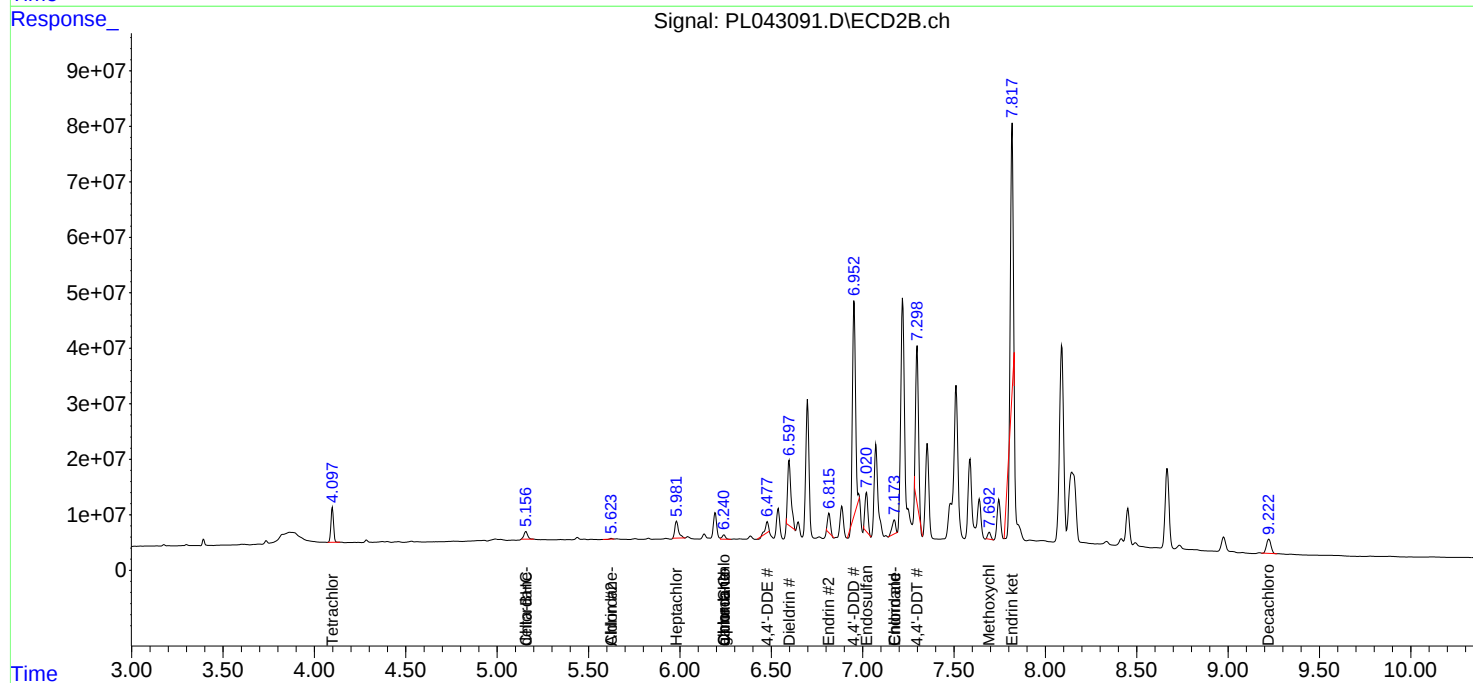
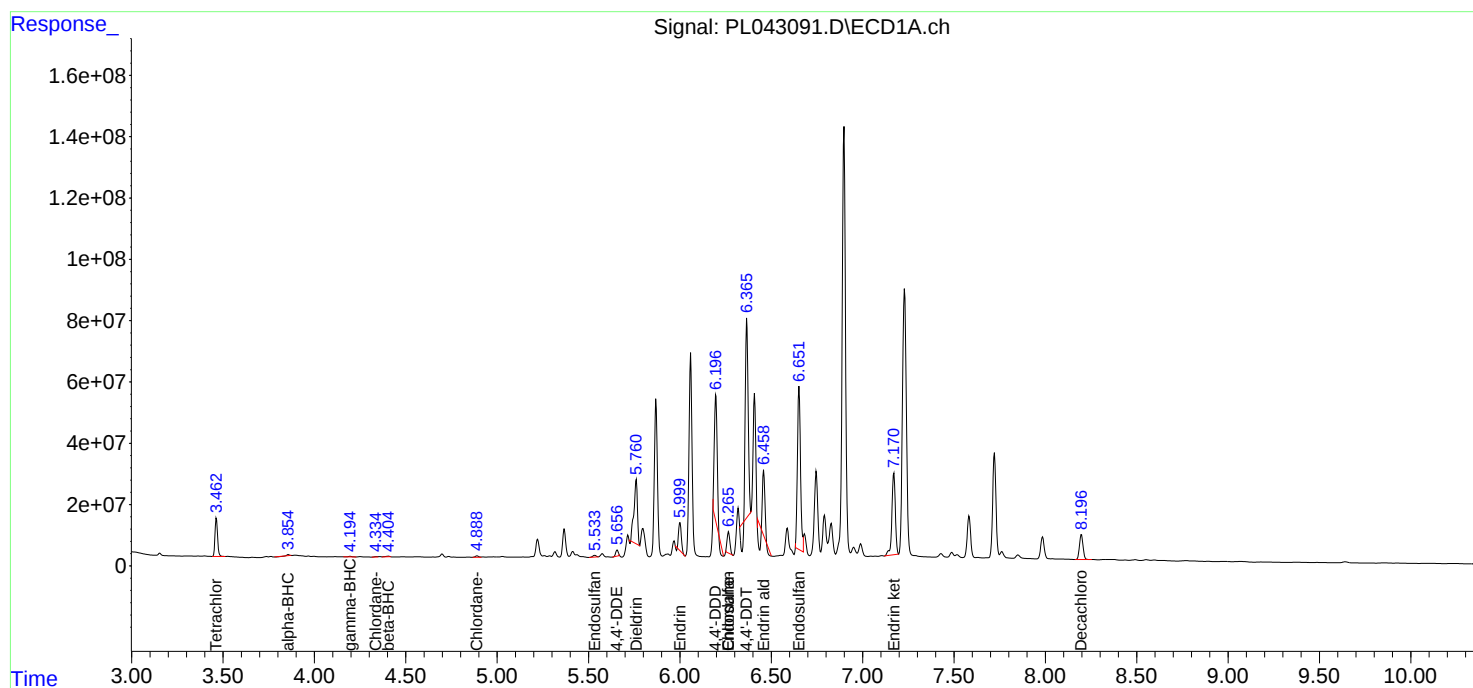
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

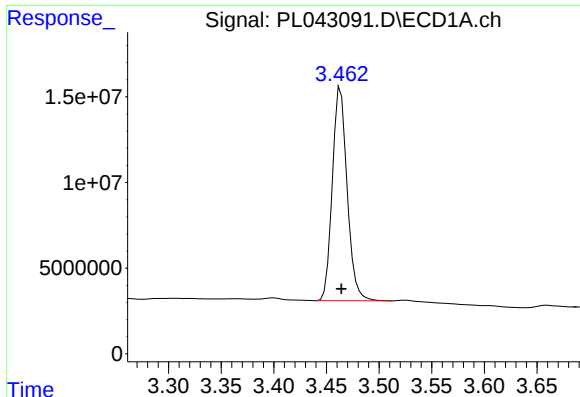
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
Data File : PL043091.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2018 17:06  
Operator : AJ\SJ  
Sample : J6357-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 00:25:50 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 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

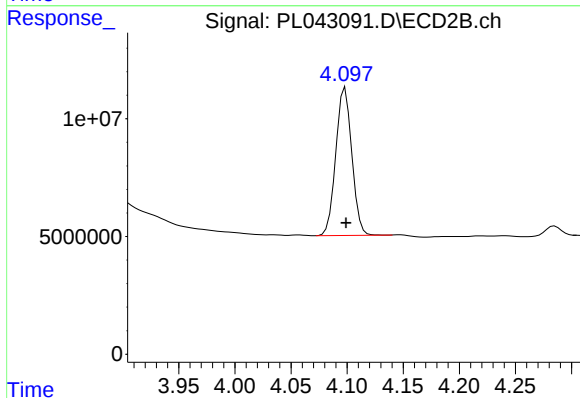




#1 Tetrachloro-m-xylene

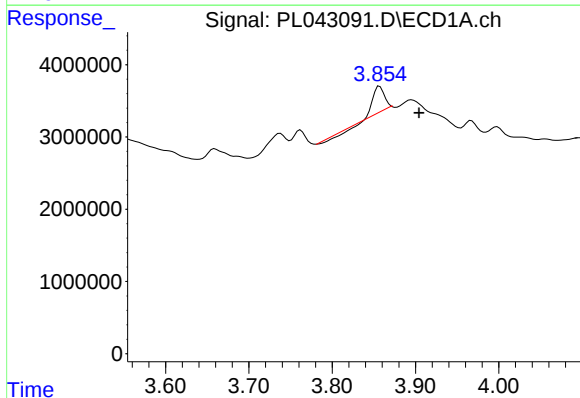
R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 121807725  
Conc: 19.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



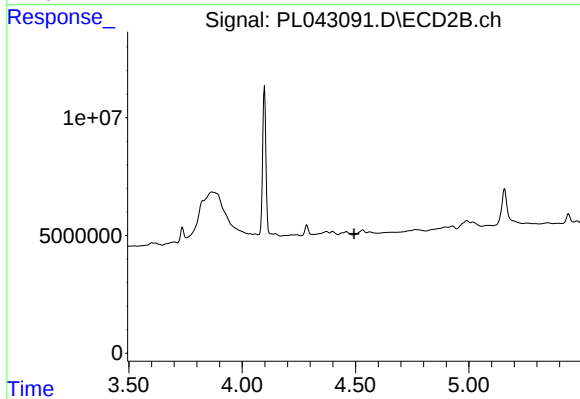
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 62473522  
Conc: 21.08 ng/ml



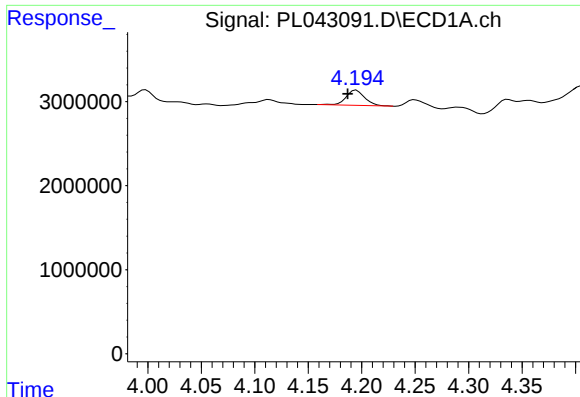
#2 alpha-BHC

R.T.: 3.857 min  
Delta R.T.: -0.047 min  
Response: 2748903  
Conc: 0.29 ng/ml



#2 alpha-BHC

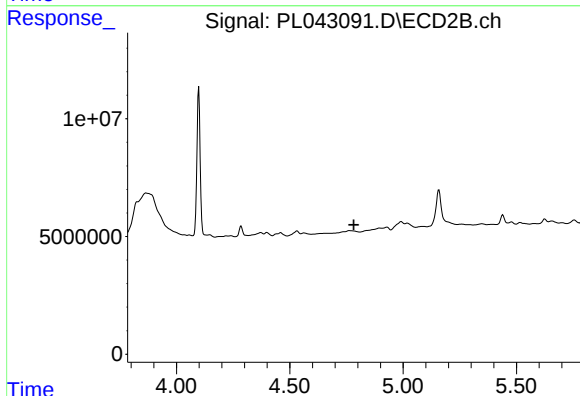
R.T.: 0.000 min  
Exp R.T. : 4.494 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

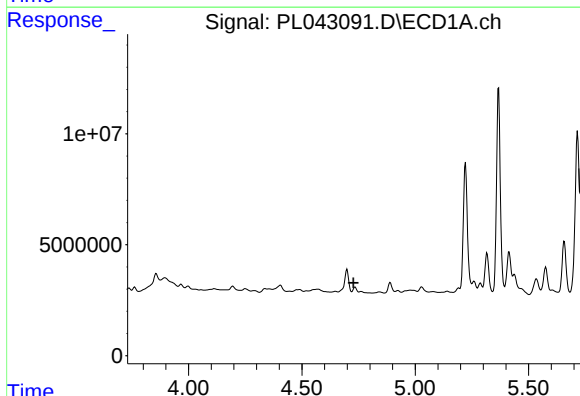
R.T.: 4.195 min  
Delta R.T.: 0.008 min  
Response: 2170583  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



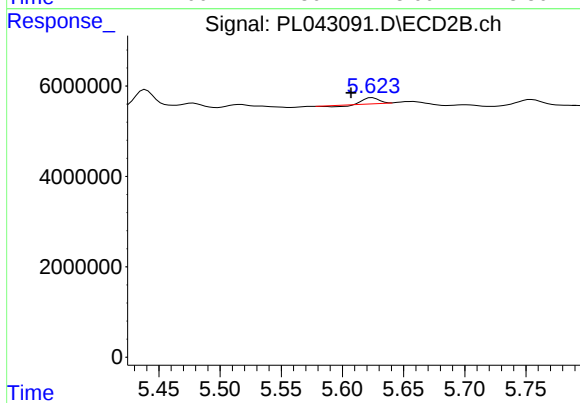
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.783 min  
Response: 0  
Conc: N.D.



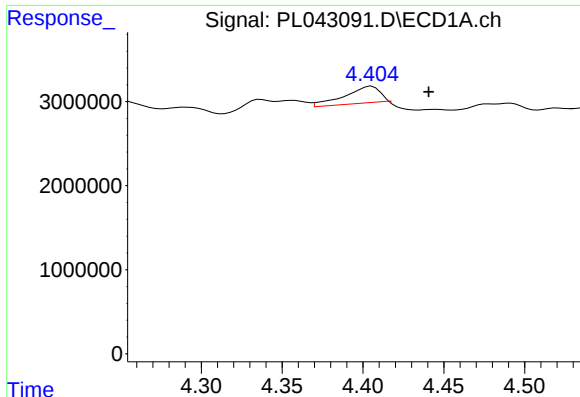
#5 Aldrin

R.T.: 4.735 min  
Delta R.T.: 0.007 min  
Response: -4846548  
Conc: N.D.



#5 Aldrin

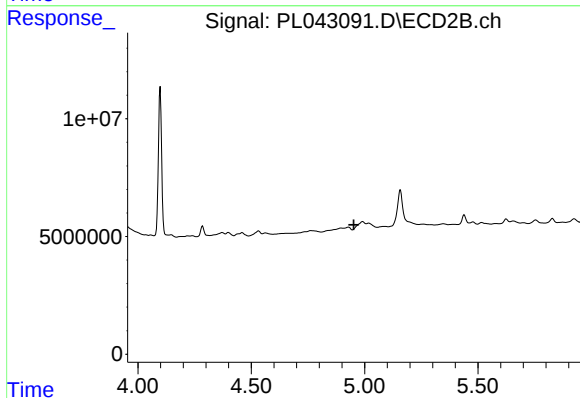
R.T.: 5.625 min  
Delta R.T.: 0.018 min  
Response: 1042951  
Conc: 0.26 ng/ml



#6 beta-BHC

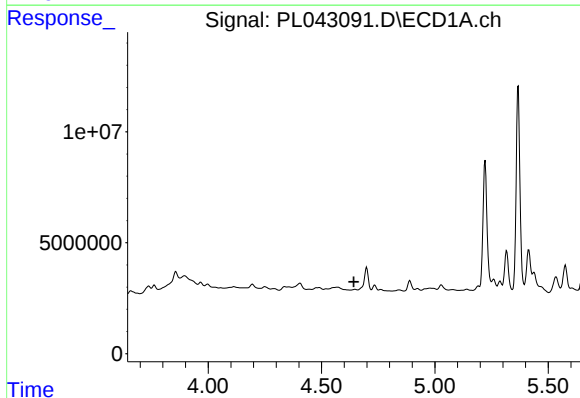
R.T.: 4.405 min  
Delta R.T.: -0.035 min  
Response: 3021567  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



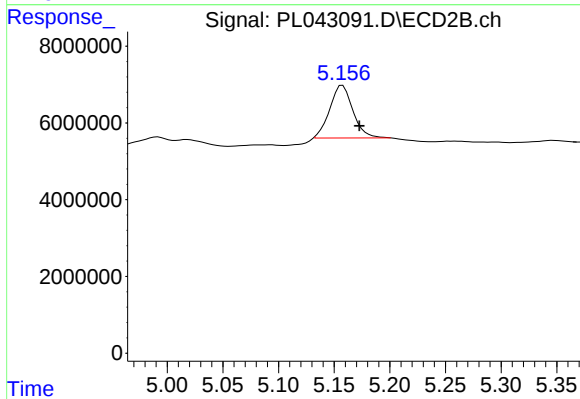
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.952 min  
Response: 0  
Conc: N.D.



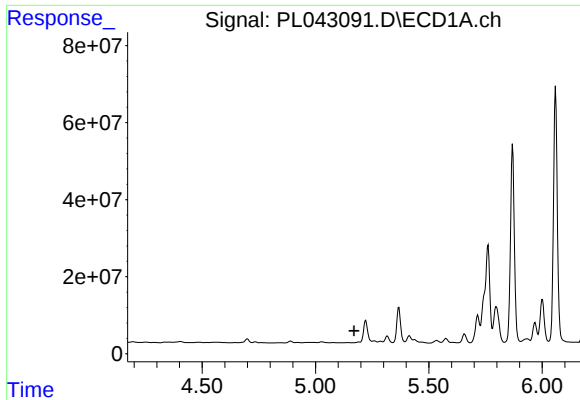
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.643 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

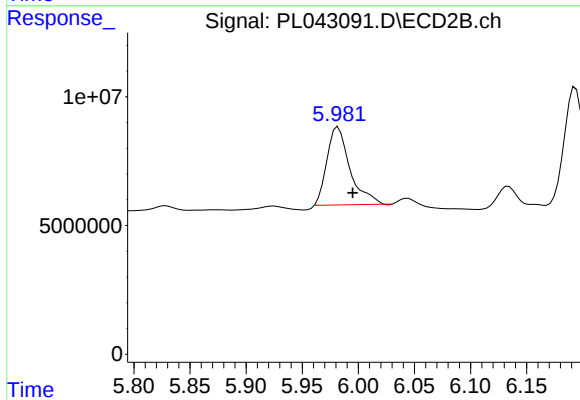
R.T.: 5.158 min  
Delta R.T.: -0.015 min  
Response: 19808328  
Conc: 4.61 ng/ml



#8 Heptachlor epoxide

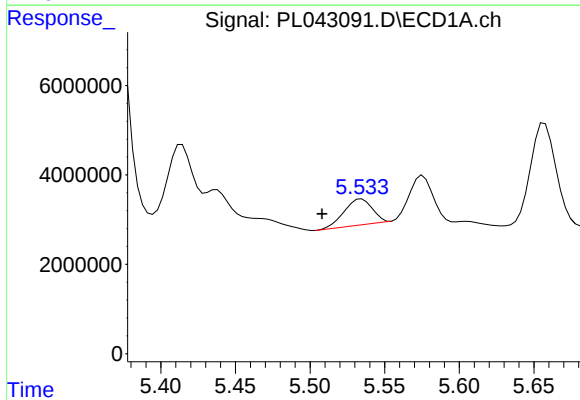
R.T.: 5.192 min  
Delta R.T.: 0.021 min  
Response: -734003  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



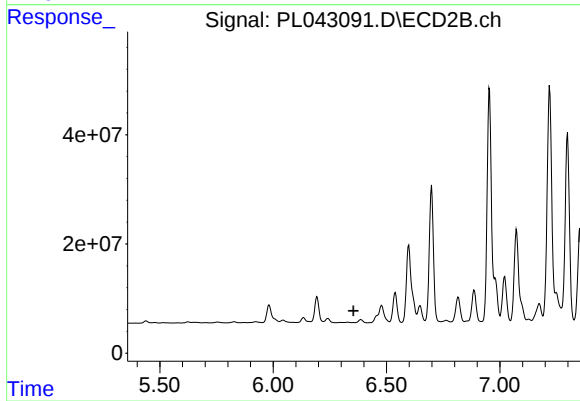
#8 Heptachlor epoxide

R.T.: 5.982 min  
Delta R.T.: -0.013 min  
Response: 43225009  
Conc: 11.40 ng/ml



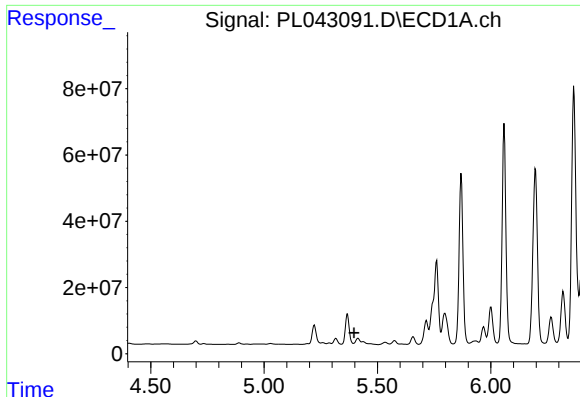
#9 Endosulfan I

R.T.: 5.535 min  
Delta R.T.: 0.027 min  
Response: 7591721  
Conc: 1.04 ng/ml



#9 Endosulfan I

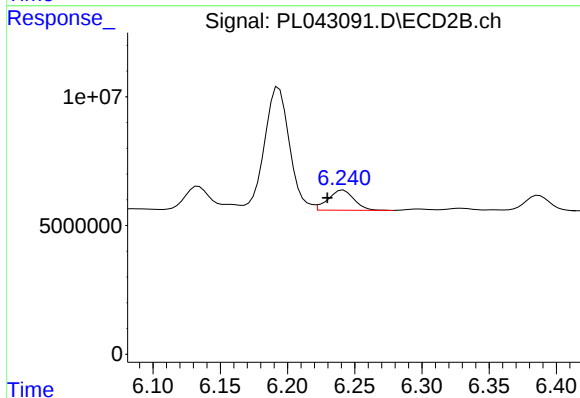
R.T.: 0.000 min  
Exp R.T.: 6.354 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

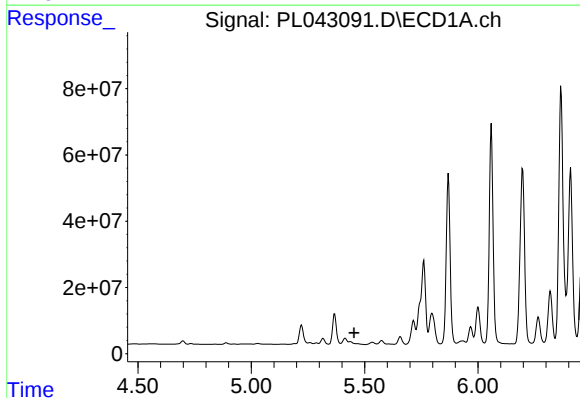
R.T.: 5.414 min  
Delta R.T.: 0.018 min  
Response: -42747981  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



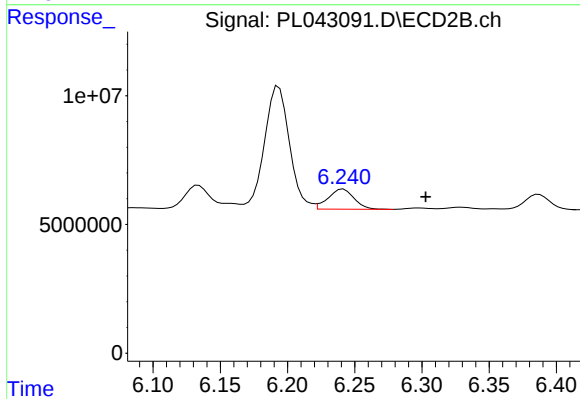
#10 gamma-Chlordane

R.T.: 6.242 min  
Delta R.T.: 0.012 min  
Response: 10435156  
Conc: 2.84 ng/ml



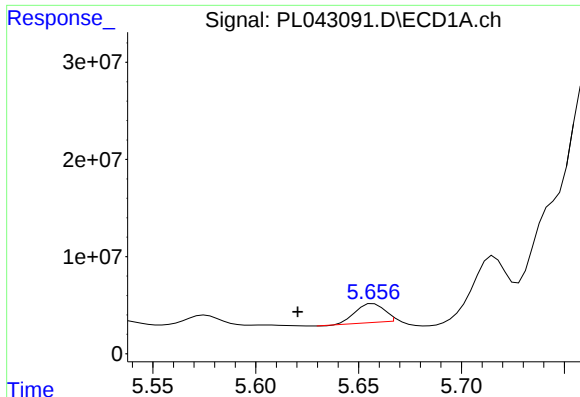
#11 alpha-Chlordane

R.T.: 5.437 min  
Delta R.T.: -0.017 min  
Response: -3200291  
Conc: N.D.



#11 alpha-Chlordane

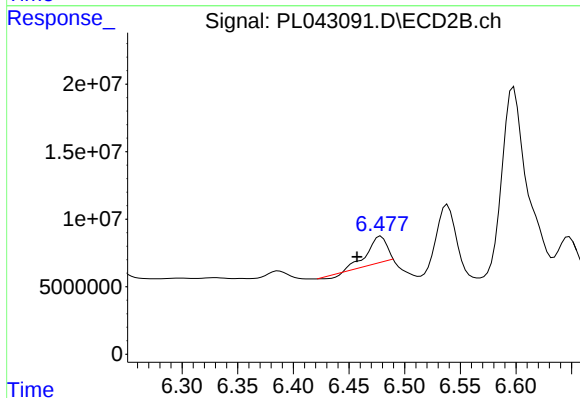
R.T.: 6.242 min  
Delta R.T.: -0.061 min  
Response: 10435156  
Conc: 2.90 ng/ml



#12 4,4'-DDE

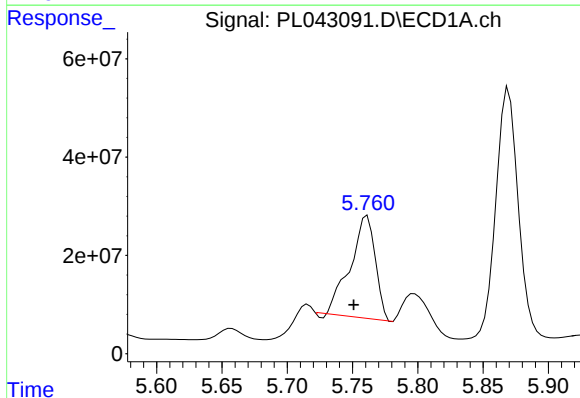
R.T.: 5.657 min  
Delta R.T.: 0.037 min  
Response: 19255465  
Conc: 2.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



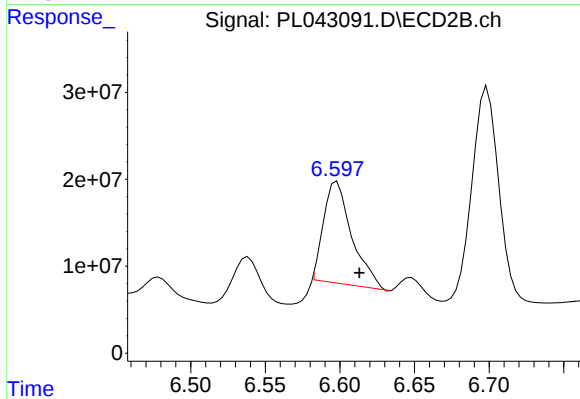
#12 4,4'-DDE

R.T.: 6.479 min  
Delta R.T.: 0.022 min  
Response: 23980249  
Conc: 6.62 ng/ml



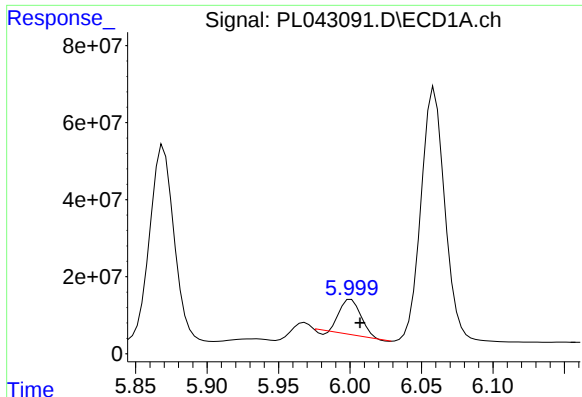
#13 Dieldrin

R.T.: 5.761 min  
Delta R.T.: 0.010 min  
Response: 277031307  
Conc: 35.63 ng/ml



#13 Dieldrin

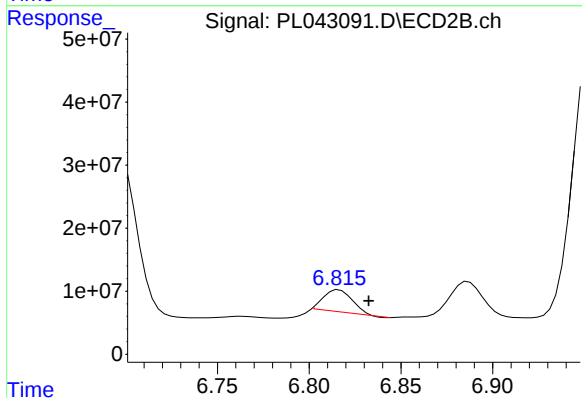
R.T.: 6.598 min  
Delta R.T.: -0.015 min  
Response: 153762782  
Conc: 42.41 ng/ml



#14 Endrin

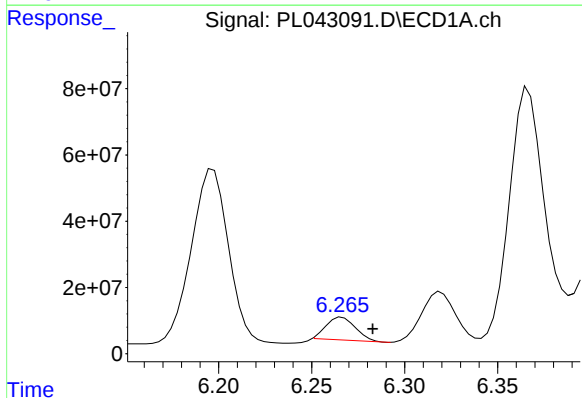
R.T.: 6.001 min  
Delta R.T.: -0.006 min  
Response: 93052231  
Conc: 12.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



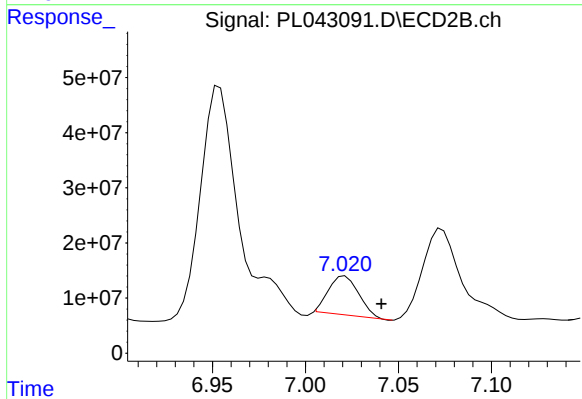
#14 Endrin

R.T.: 6.816 min  
Delta R.T.: -0.016 min  
Response: 37665942  
Conc: 12.06 ng/ml



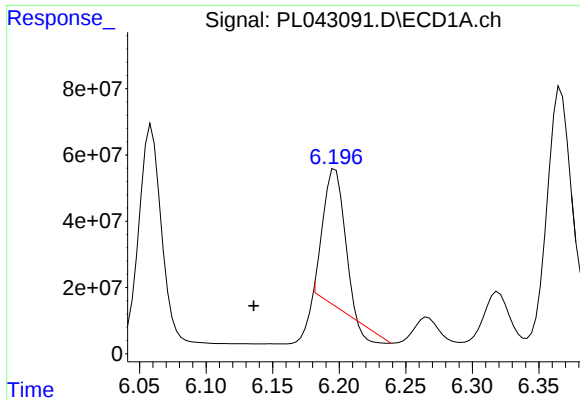
#15 Endosulfan II

R.T.: 6.266 min  
Delta R.T.: -0.016 min  
Response: 75163487  
Conc: 11.30 ng/ml



#15 Endosulfan II

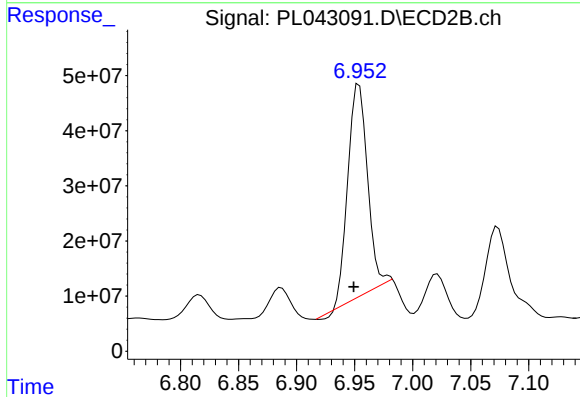
R.T.: 7.021 min  
Delta R.T.: -0.020 min  
Response: 79921944  
Conc: 26.40 ng/ml



#16 4,4'-DDD

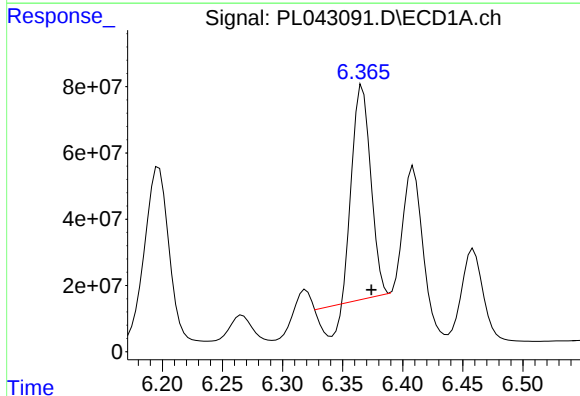
R.T.: 6.197 min  
Delta R.T.: 0.061 min  
Response: 424990826  
Conc: 74.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



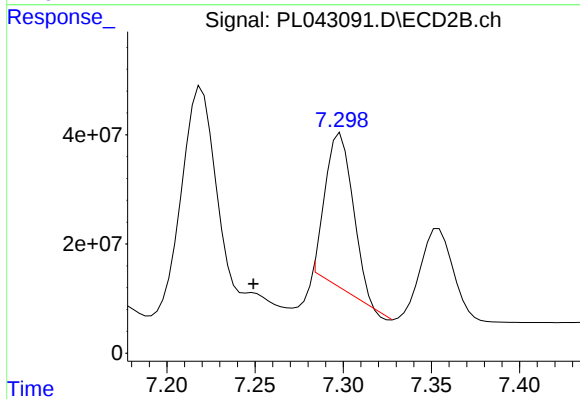
#16 4,4'-DDD

R.T.: 6.954 min  
Delta R.T.: 0.004 min  
Response: 459776773  
Conc: 156.78 ng/ml



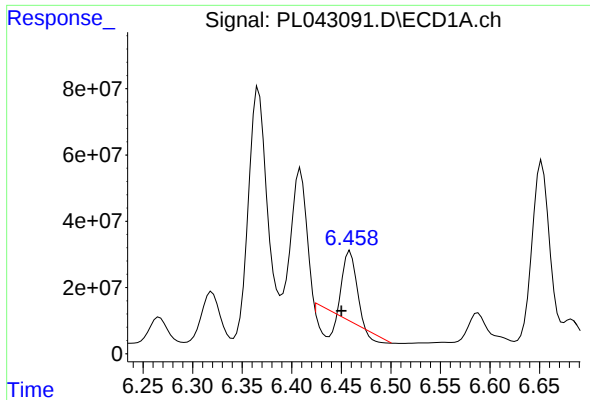
#17 4,4'-DDT

R.T.: 6.366 min  
Delta R.T.: -0.007 min  
Response: 646485365  
Conc: 108.67 ng/ml



#17 4,4'-DDT

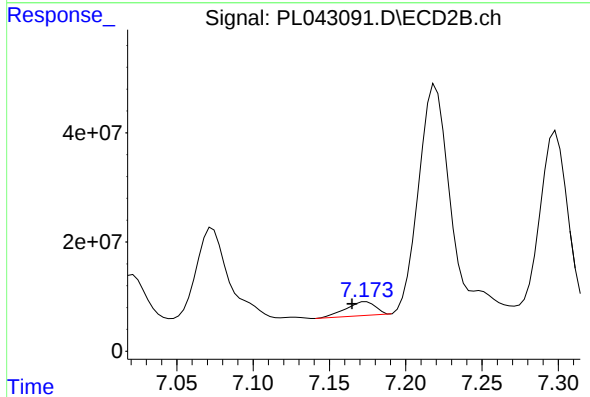
R.T.: 7.298 min  
Delta R.T.: 0.049 min  
Response: 305884805  
Conc: 104.15 ng/ml



#18 Endrin aldehyde

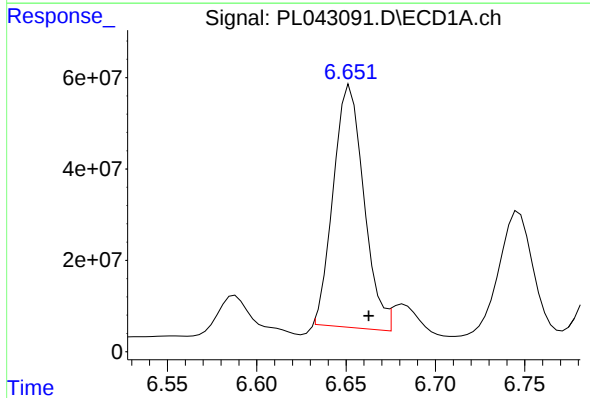
R.T.: 6.459 min  
Delta R.T.: 0.009 min  
Response: 123274264  
Conc: 22.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



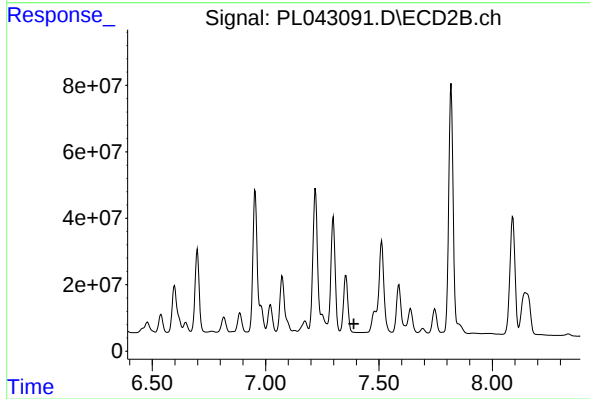
#18 Endrin aldehyde

R.T.: 7.174 min  
Delta R.T.: 0.009 min  
Response: 33875255  
Conc: 13.51 ng/ml



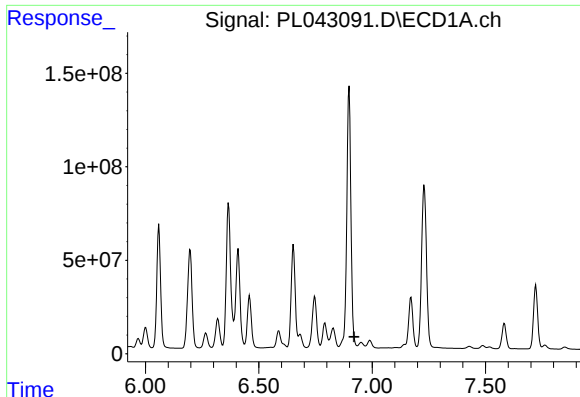
#19 Endosulfan Sulfate

R.T.: 6.652 min  
Delta R.T.: -0.010 min  
Response: 629377442  
Conc: 93.95 ng/ml



#19 Endosulfan Sulfate

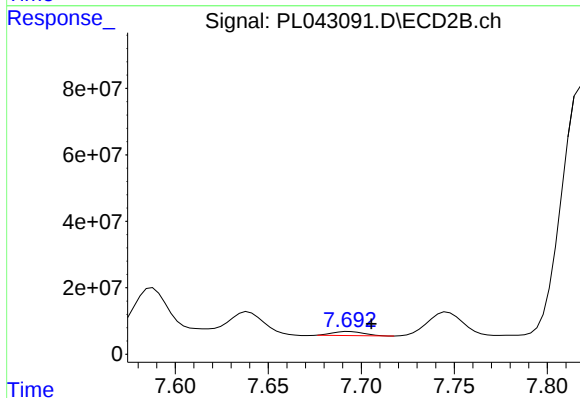
R.T.: 0.000 min  
Exp R.T.: 7.389 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

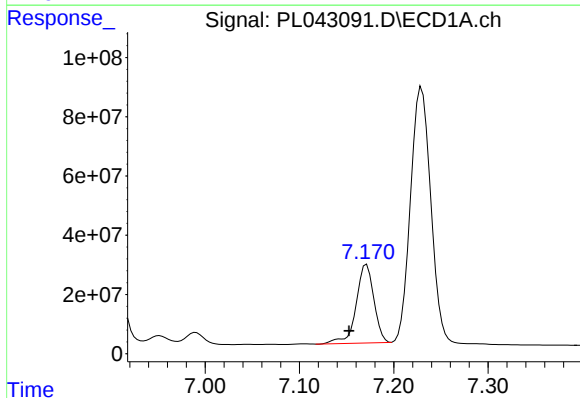
R.T.: 6.952 min  
Delta R.T.: 0.032 min  
Response: -30818610  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



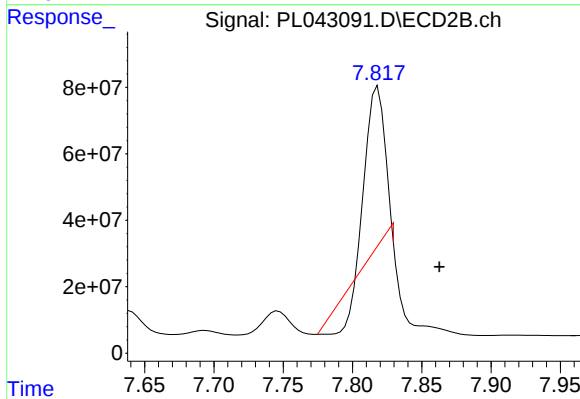
#20 Methoxychlor

R.T.: 7.694 min  
Delta R.T.: -0.012 min  
Response: 14622075  
Conc: 9.69 ng/ml



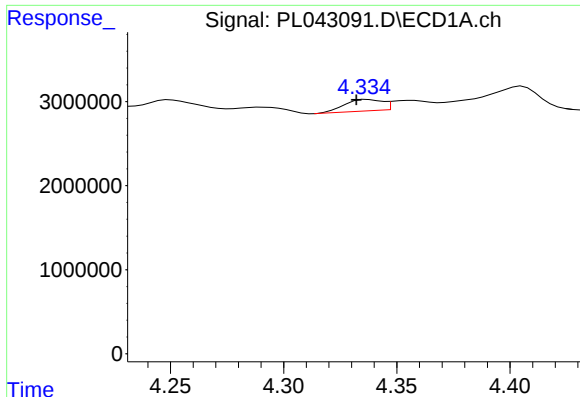
#21 Endrin ketone

R.T.: 7.171 min  
Delta R.T.: 0.019 min  
Response: 345819186  
Conc: 47.83 ng/ml



#21 Endrin ketone

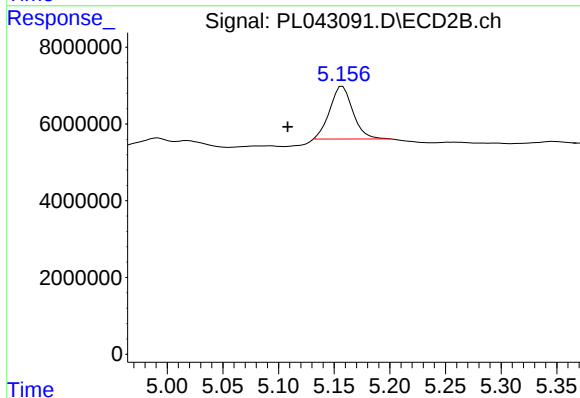
R.T.: 7.818 min  
Delta R.T.: -0.045 min  
Response: 354700992  
Conc: 116.04 ng/ml



#23 Chlordane-1

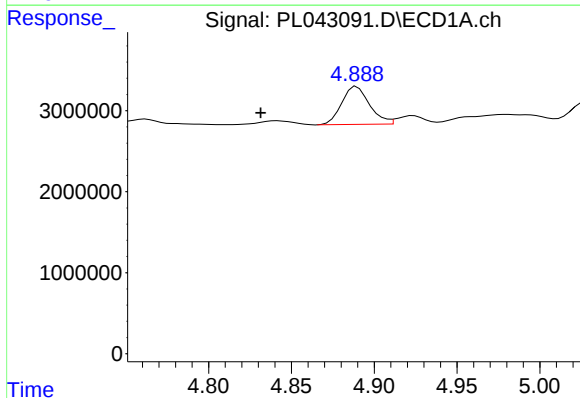
R.T.: 4.337 min  
Delta R.T.: 0.005 min  
Response: 1574111  
Conc: 5.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



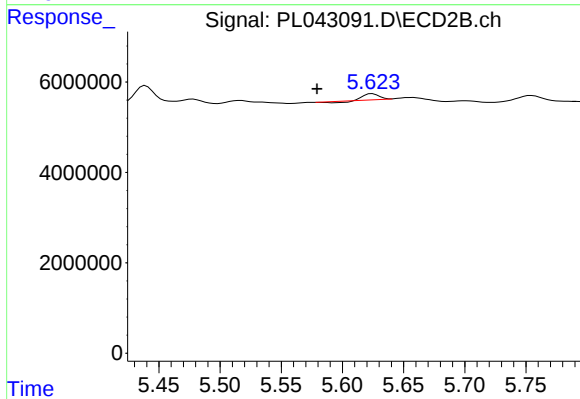
#23 Chlordane-1

R.T.: 5.158 min  
Delta R.T.: 0.049 min  
Response: 19808328  
Conc: 140.15 ng/ml



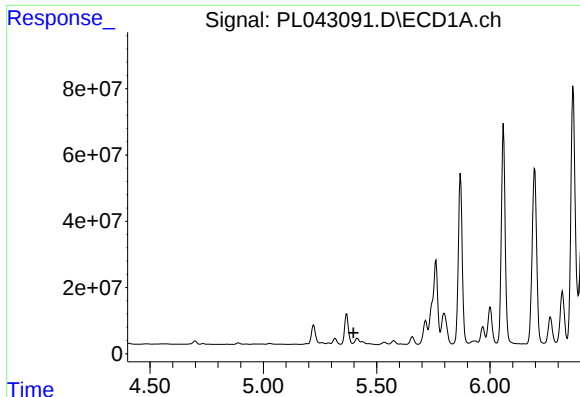
#24 Chlordane-2

R.T.: 4.890 min  
Delta R.T.: 0.058 min  
Response: 5464647  
Conc: 19.04 ng/ml



#24 Chlordane-2

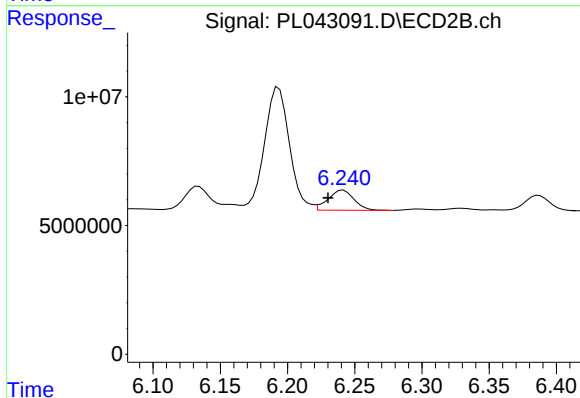
R.T.: 5.625 min  
Delta R.T.: 0.045 min  
Response: 1042951  
Conc: 7.27 ng/ml



#25 Chlordane-3

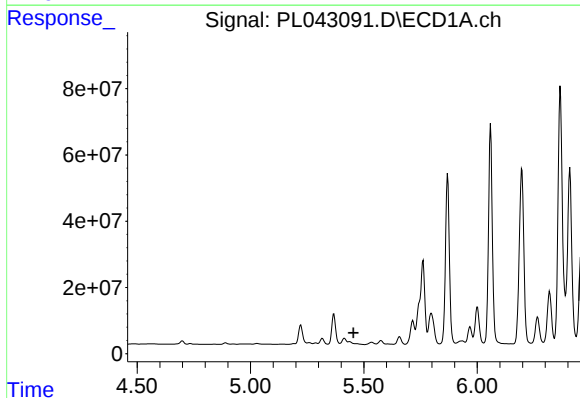
R.T.: 5.414 min  
Delta R.T.: 0.016 min  
Response: -42747981  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



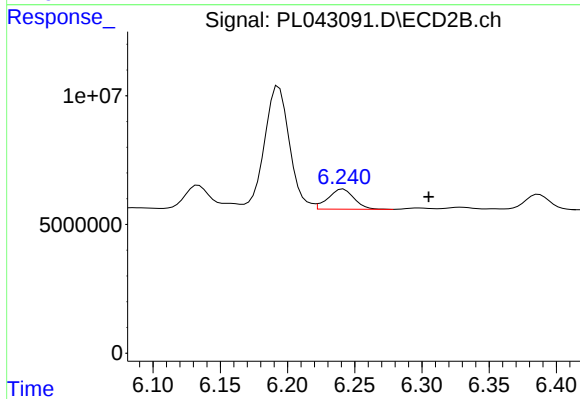
#25 Chlordane-3

R.T.: 6.242 min  
Delta R.T.: 0.011 min  
Response: 10435156  
Conc: 21.25 ng/ml



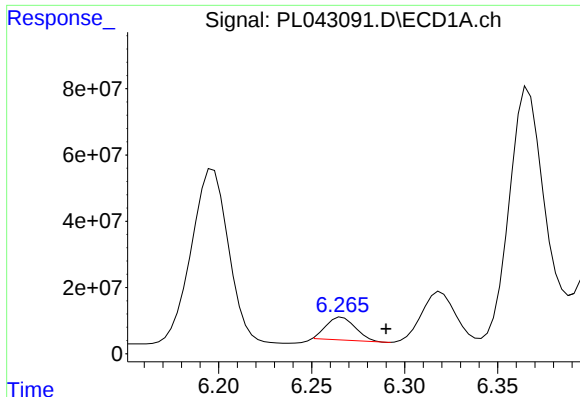
#26 Chlordane-4

R.T.: 5.437 min  
Delta R.T.: -0.018 min  
Response: -3200291  
Conc: N.D.



#26 Chlordane-4

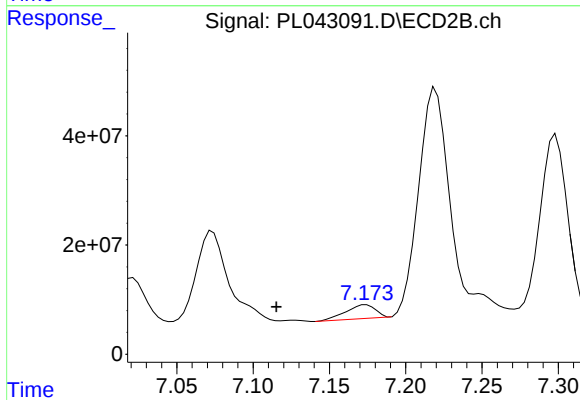
R.T.: 6.242 min  
Delta R.T.: -0.063 min  
Response: 10435156  
Conc: 18.28 ng/ml



#27 Chlordane-5

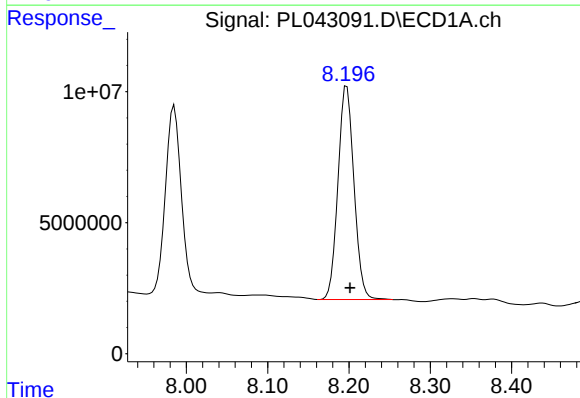
R.T.: 6.266 min  
Delta R.T.: -0.024 min  
Response: 75163487  
Conc: 313.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



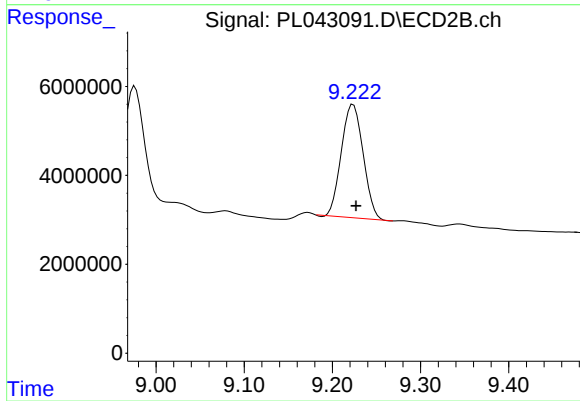
#27 Chlordane-5

R.T.: 7.174 min  
Delta R.T.: 0.059 min  
Response: 33875255  
Conc: 288.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.197 min  
Delta R.T.: -0.004 min  
Response: 111305577  
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.224 min  
Delta R.T.: -0.003 min  
Response: 43822110  
Conc: 16.80 ng/ml