

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
 Data File : PL068273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2021 13:44  
 Operator : AR\AJ  
 Sample : M2940-07  
 Misc : LOD 1 PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 05:46:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 2021  
 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... | 4.646  | 5.573  | 7854284  | 18726037 | 18.301 | 18.351   |
| 28)                         | SA Decachlor... | 10.427 | 11.499 | 10752448 | 17579968 | 19.118 | 19.709   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 5.353  | 6.153  | 466355   | 998159   | 0.797  | 0.734    |
| 3)                          | MA gamma-BHC... | 5.777  | 6.550  | 505057   | 918827   | 0.888  | 0.712    |
| 4)                          | MA Heptachlor   | 6.190  | 7.200  | 495634   | 839526   | 0.813  | 0.644    |
| 5)                          | MB Aldrin       | 6.515  | 7.571  | 474318   | 887498   | 0.844  | 0.748    |
| 6)                          | B beta-BHC      | 0.000  | 6.805  | 0        | 1029204  | N.D.   | 1.457 #  |
| 7)                          | B delta-BHC     | 6.418  | 7.069  | 342346   | 684701   | 0.613  | 0.559    |
| 8)                          | B Heptachlo...  | 7.093  | 8.037  | 501636   | 980094   | 0.903  | 0.867    |
| 9)                          | A Endosulfan I  | 7.497  | 8.443  | 510100   | 897172   | 0.966  | 0.871    |
| 10)                         | B gamma-Chl...  | 7.371  | 8.306  | 530575   | 1203032  | 0.925  | 1.068    |
| 11)                         | B alpha-Chl...  | 7.441  | 8.387  | 542473   | 921626   | 0.945  | 0.819    |
| 12)                         | B 4,4'-DDE      | 7.654  | 8.574  | 400876   | 758501   | 0.796  | 0.736    |
| 13)                         | MA Dieldrin     | 7.783  | 8.732  | 486580   | 892449   | 0.904  | 0.841    |
| 14)                         | MA Endrin       | 8.075  | 8.972  | 396419   | 770241   | 0.793  | 0.861    |
| 15)                         | B Endosulfa...  | 8.385  | 9.206  | 466774   | 1101245  | 0.945  | 1.215 #  |
| 16)                         | A 4,4'-DDD      | 8.240  | 9.113  | 394154   | 510433   | 0.882  | 0.599 #  |
| 17)                         | MA 4,4'-DDT     | 8.503  | 9.431  | 371469   | 654678   | 0.741  | 0.694    |
| 18)                         | B Endrin al...  | 8.574  | 9.340  | 421777   | 706818   | 1.065  | 0.981    |
| 19)                         | B Endosulfa...  | 8.805  | 9.577  | 541797   | 835263   | 1.031  | 0.928    |
| 20)                         | A Methoxychlor  | 0.000  | 9.916  | 0        | 434157   | N.D.   | 0.855 #  |
| 21)                         | B Endrin ke...  | 9.324  | 10.076 | 534544   | 820258   | 0.903  | 0.822    |
| 22)                         | Mirex           | 9.515  | 10.543 | 521363   | 826727   | 1.056  | 1.069    |
| 24)                         | Chlordane-2     | 0.000  | 7.571f | 0        | 887498   | N.D.   | 21.332 # |
| 25)                         | Chlordane-3     | 7.371  | 8.306  | 530575   | 1203032  | 9.852  | 7.768    |
| 26)                         | Chlordane-4     | 7.441  | 8.387  | 542473   | 921626   | 9.608  | 4.916 #  |
| 27)                         | Chlordane-5     | 8.385  | 0.000  | 466774   | 0        | 23.192 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

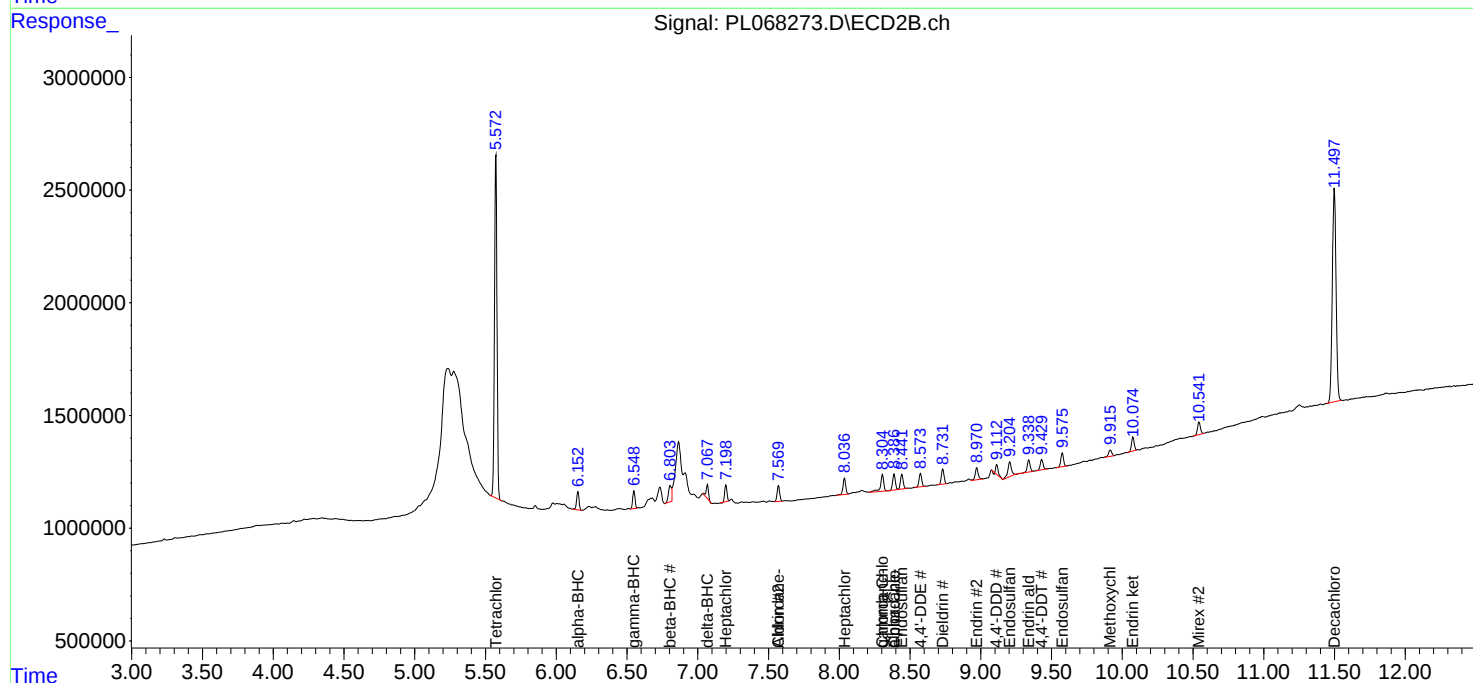
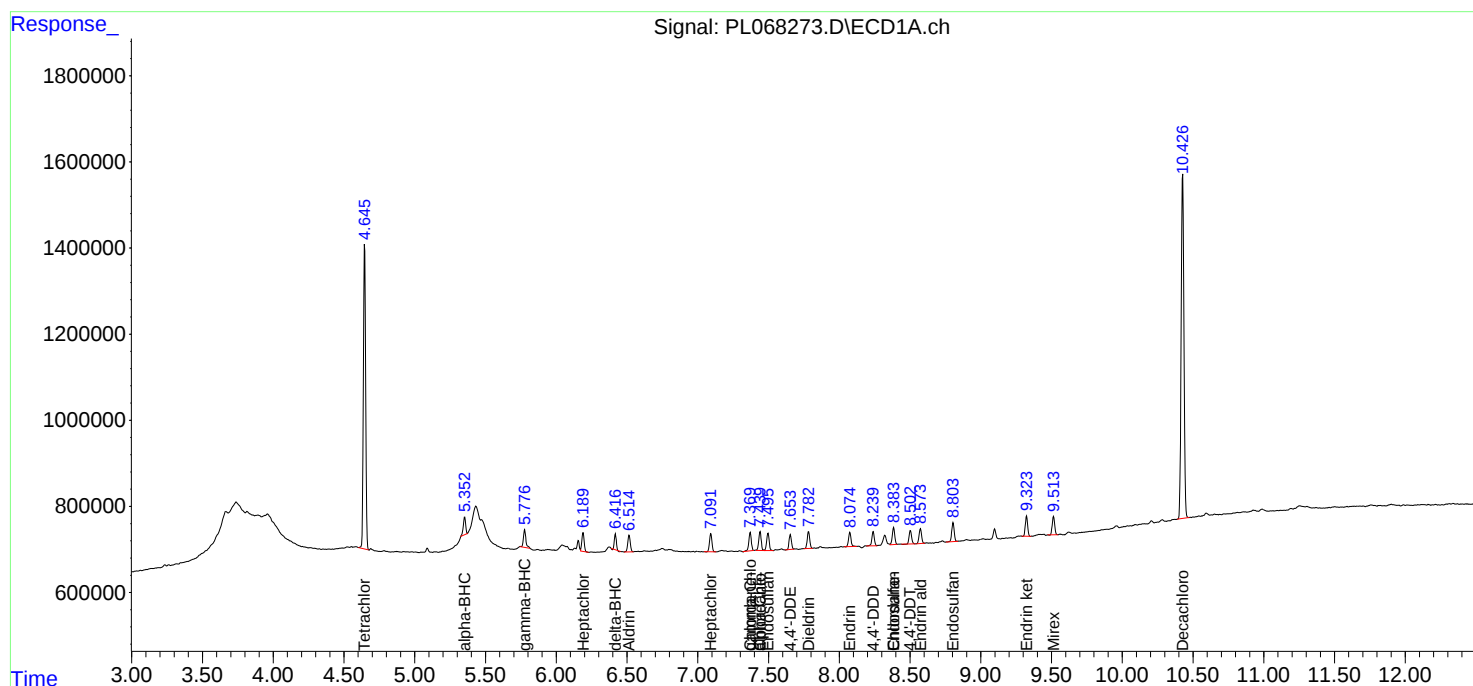
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

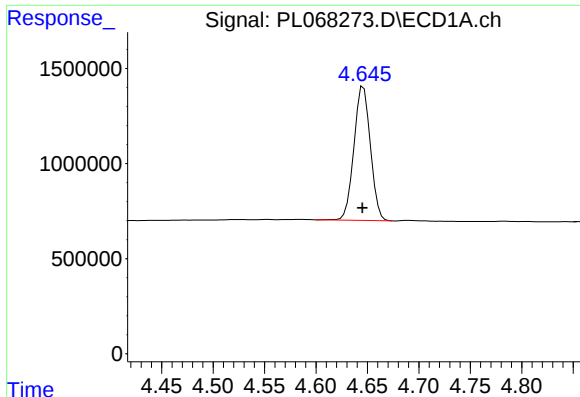
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
 Data File : PL068273.D  
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Integration File signal 1: autoint1.e  
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 Quant Time: Jul 21 05:46:52 2021  
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Volume 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

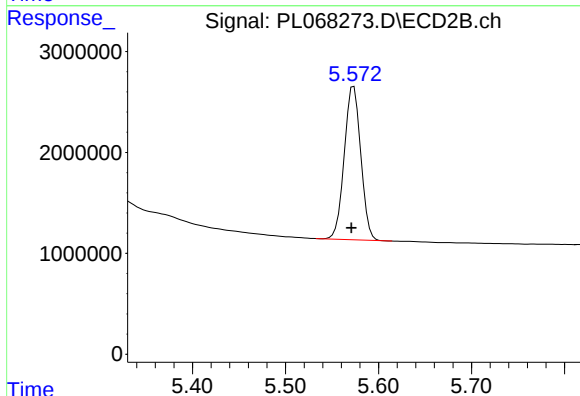




#1 Tetrachloro-m-xylene

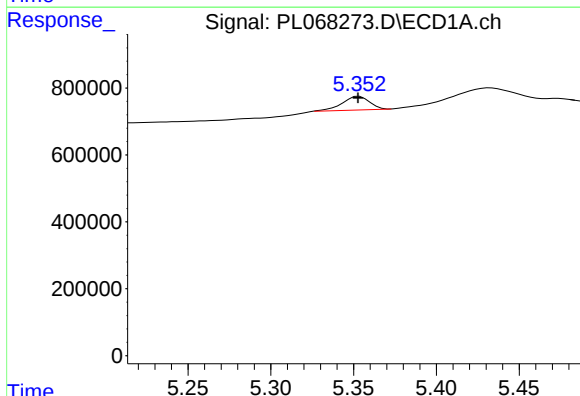
R.T.: 4.646 min  
Delta R.T.: 0.001 min  
Response: 7854284  
Conc: 18.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



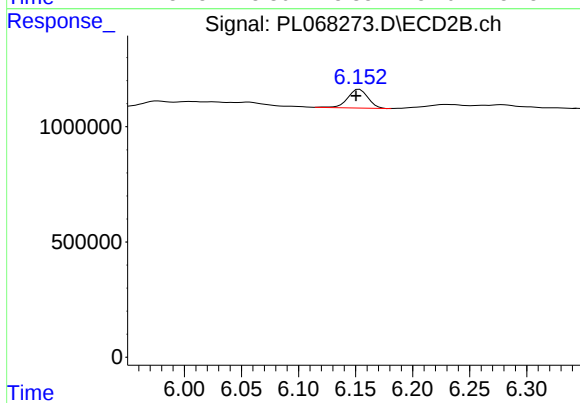
#1 Tetrachloro-m-xylene

R.T.: 5.573 min  
Delta R.T.: 0.003 min  
Response: 18726037  
Conc: 18.35 ng/ml



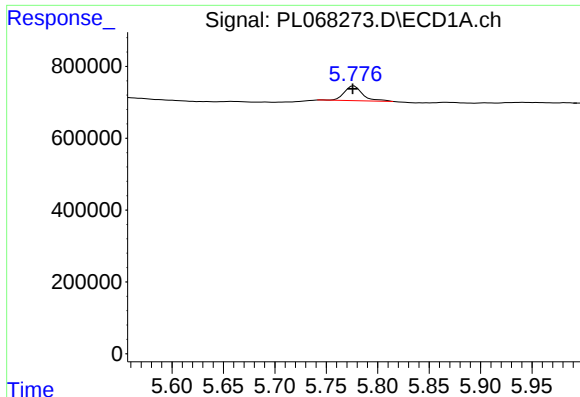
#2 alpha-BHC

R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 466355  
Conc: 0.80 ng/ml



#2 alpha-BHC

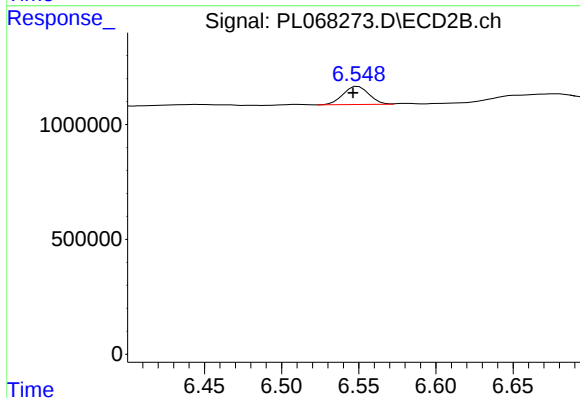
R.T.: 6.153 min  
Delta R.T.: 0.003 min  
Response: 998159  
Conc: 0.73 ng/ml



#3 gamma-BHC (Lindane)

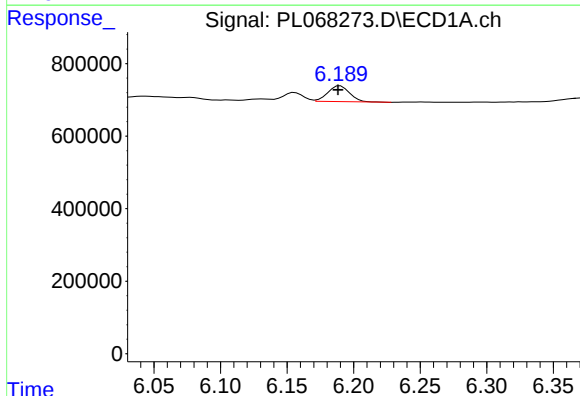
R.T.: 5.777 min  
Delta R.T.: 0.001 min  
Response: 505057  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



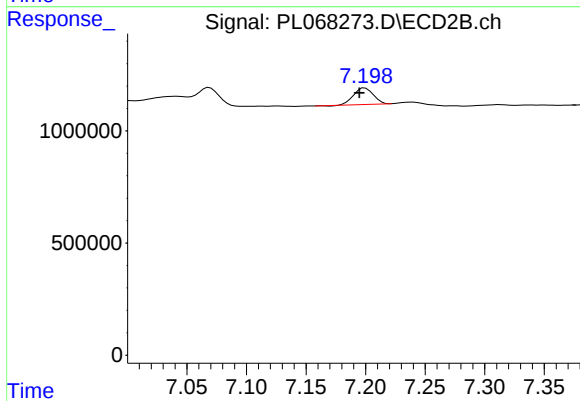
#3 gamma-BHC (Lindane)

R.T.: 6.550 min  
Delta R.T.: 0.003 min  
Response: 918827  
Conc: 0.71 ng/ml



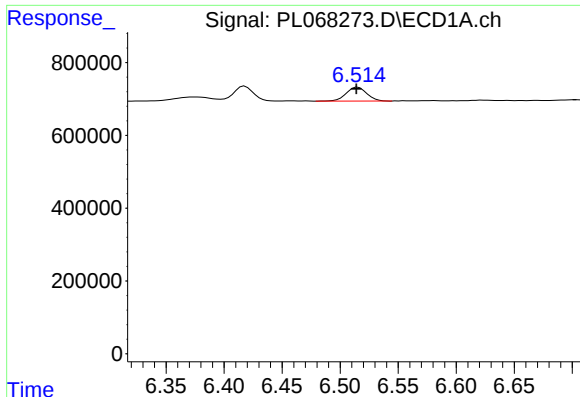
#4 Heptachlor

R.T.: 6.190 min  
Delta R.T.: 0.002 min  
Response: 495634  
Conc: 0.81 ng/ml



#4 Heptachlor

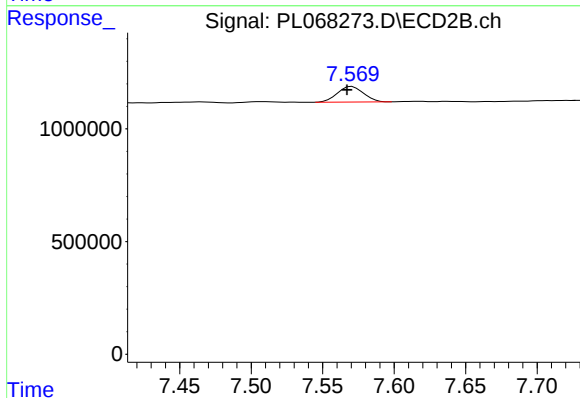
R.T.: 7.200 min  
Delta R.T.: 0.005 min  
Response: 839526  
Conc: 0.64 ng/ml



#5 Aldrin

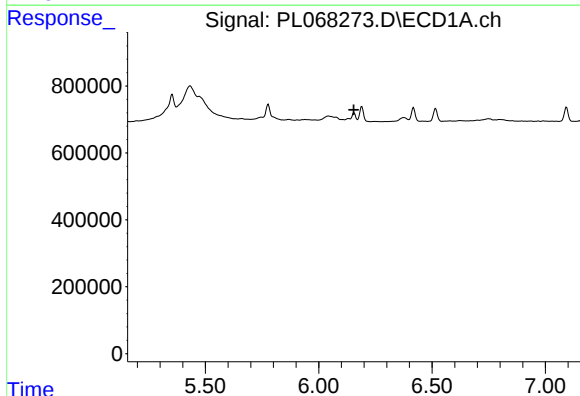
R.T.: 6.515 min  
Delta R.T.: 0.001 min  
Response: 474318  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



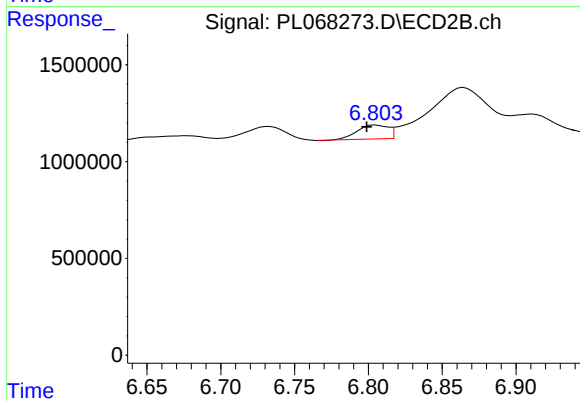
#5 Aldrin

R.T.: 7.571 min  
Delta R.T.: 0.004 min  
Response: 887498  
Conc: 0.75 ng/ml



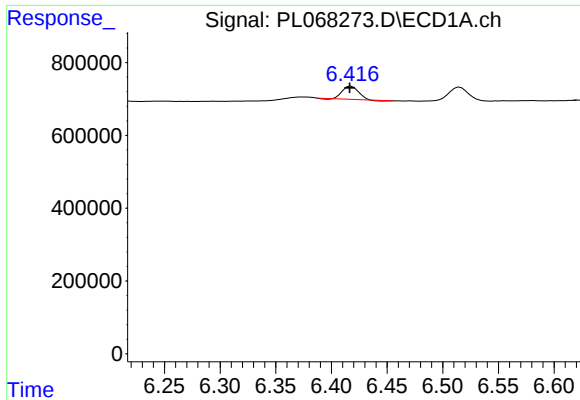
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.155 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

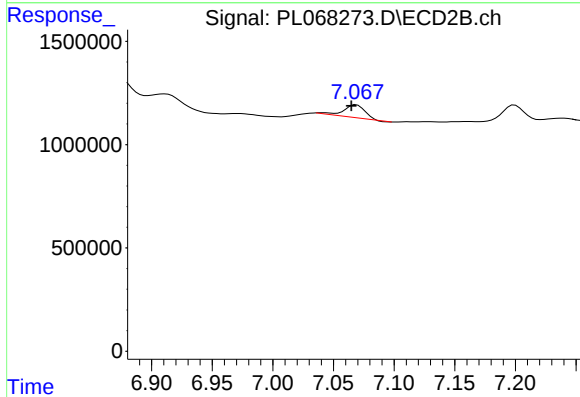
R.T.: 6.805 min  
Delta R.T.: 0.006 min  
Response: 1029204  
Conc: 1.46 ng/ml



#7 delta-BHC

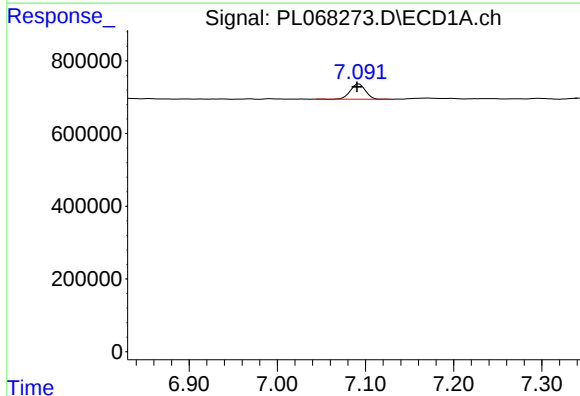
R.T.: 6.418 min  
Delta R.T.: 0.001 min  
Response: 342346  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



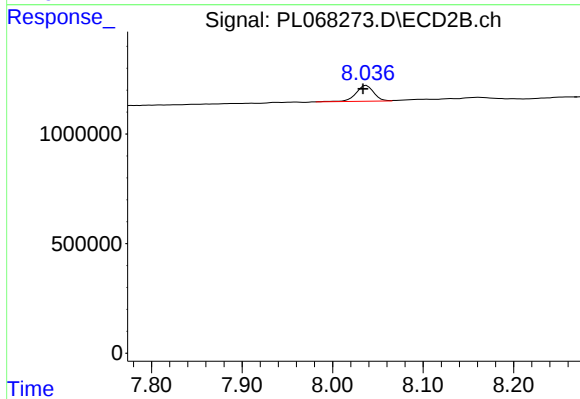
#7 delta-BHC

R.T.: 7.069 min  
Delta R.T.: 0.004 min  
Response: 684701  
Conc: 0.56 ng/ml



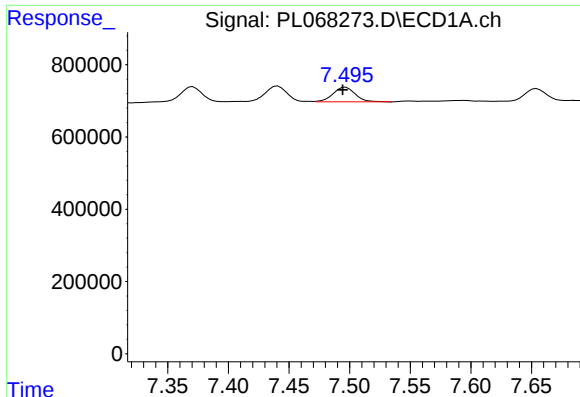
#8 Heptachlor epoxide

R.T.: 7.093 min  
Delta R.T.: 0.002 min  
Response: 501636  
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

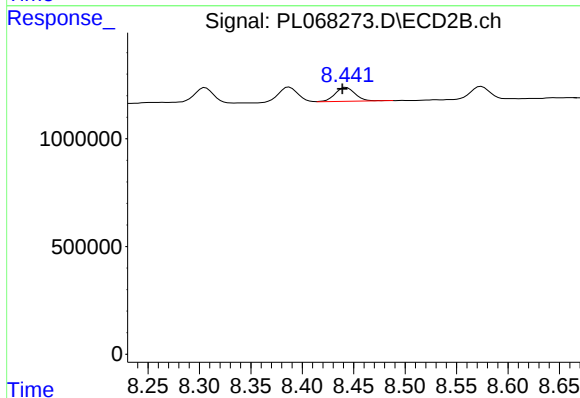
R.T.: 8.037 min  
Delta R.T.: 0.004 min  
Response: 980094  
Conc: 0.87 ng/ml



#9 Endosulfan I

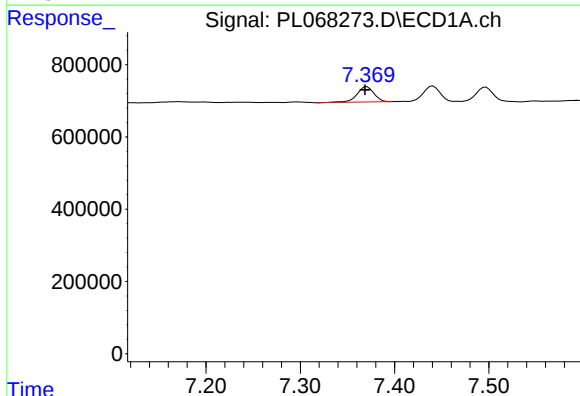
R.T.: 7.497 min  
Delta R.T.: 0.002 min  
Response: 510100  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



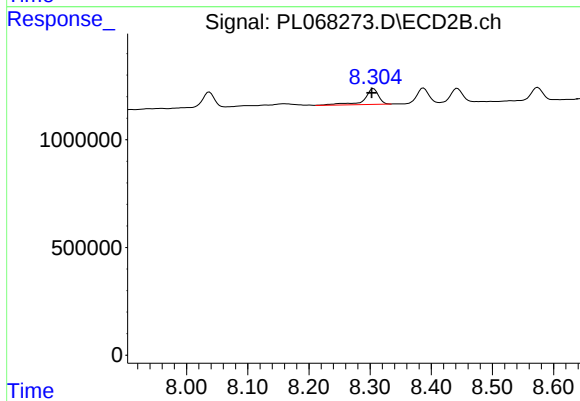
#9 Endosulfan I

R.T.: 8.443 min  
Delta R.T.: 0.004 min  
Response: 897172  
Conc: 0.87 ng/ml



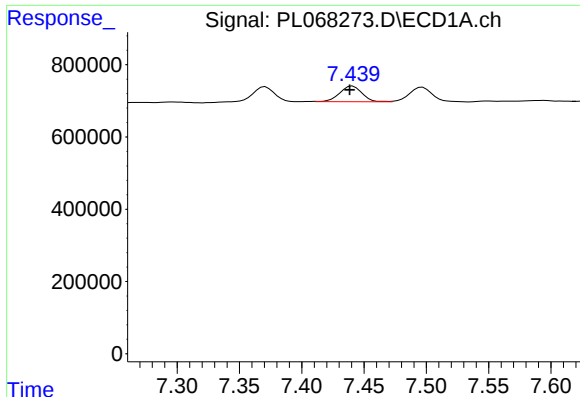
#10 gamma-Chlordane

R.T.: 7.371 min  
Delta R.T.: 0.002 min  
Response: 530575  
Conc: 0.92 ng/ml



#10 gamma-Chlordane

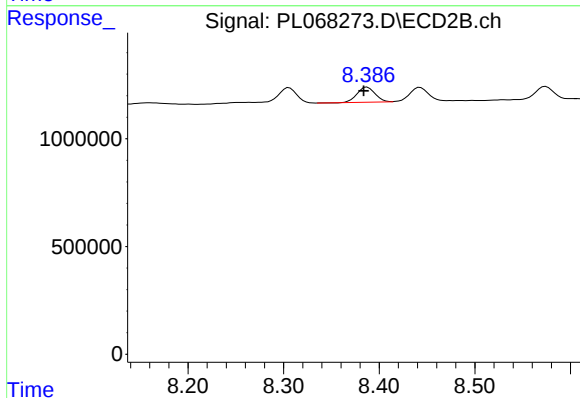
R.T.: 8.306 min  
Delta R.T.: 0.003 min  
Response: 1203032  
Conc: 1.07 ng/ml



#11 alpha-Chlordane

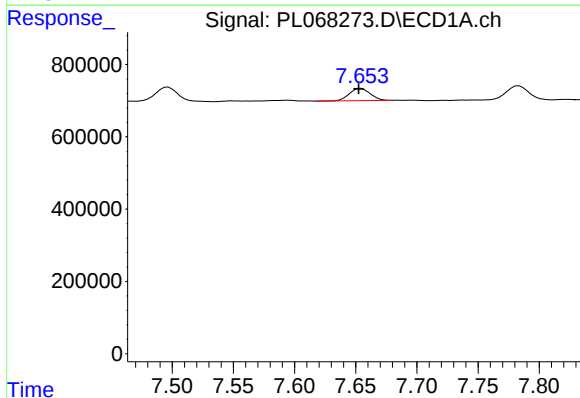
R.T.: 7.441 min  
Delta R.T.: 0.002 min  
Response: 542473  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



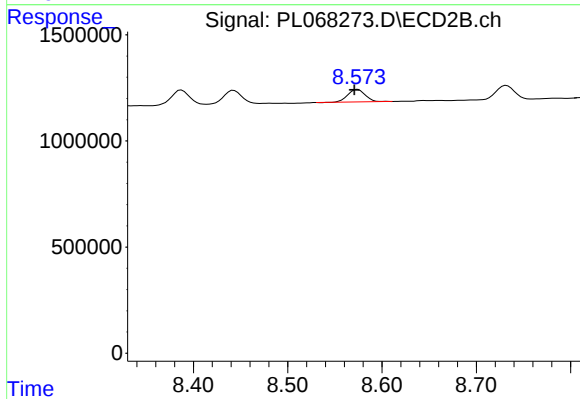
#11 alpha-Chlordane

R.T.: 8.387 min  
Delta R.T.: 0.004 min  
Response: 921626  
Conc: 0.82 ng/ml



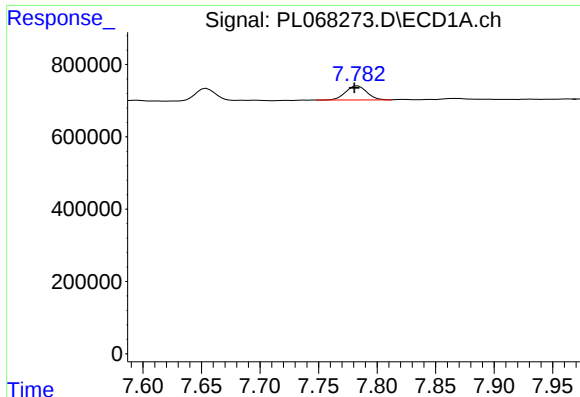
#12 4,4'-DDE

R.T.: 7.654 min  
Delta R.T.: 0.002 min  
Response: 400876  
Conc: 0.80 ng/ml



#12 4,4'-DDE

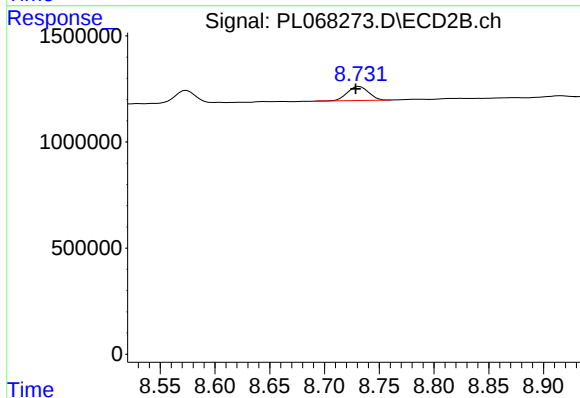
R.T.: 8.574 min  
Delta R.T.: 0.003 min  
Response: 758501  
Conc: 0.74 ng/ml



#13 Dieldrin

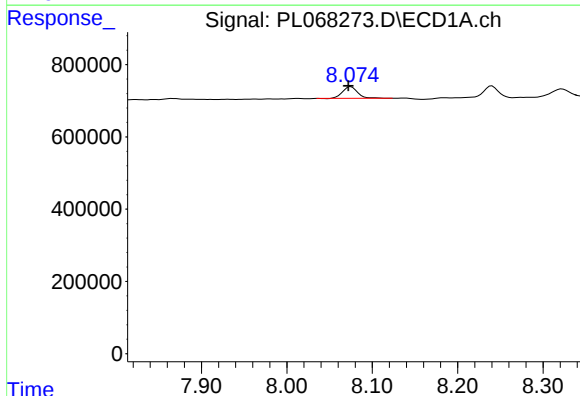
R.T.: 7.783 min  
Delta R.T.: 0.003 min  
Response: 486580  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



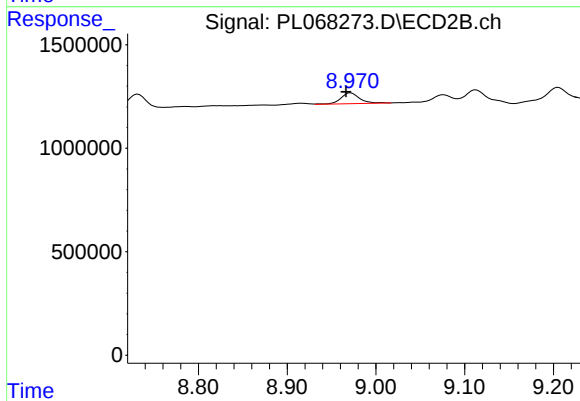
#13 Dieldrin

R.T.: 8.732 min  
Delta R.T.: 0.004 min  
Response: 892449  
Conc: 0.84 ng/ml



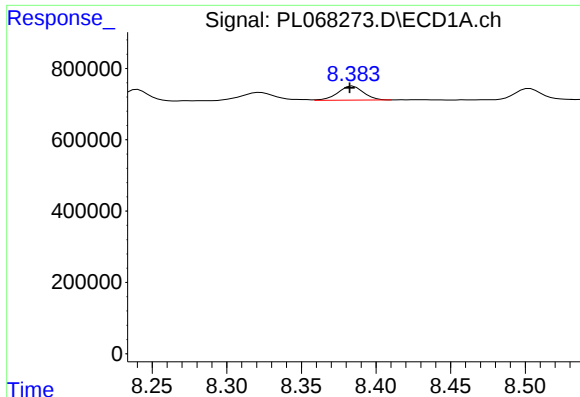
#14 Endrin

R.T.: 8.075 min  
Delta R.T.: 0.003 min  
Response: 396419  
Conc: 0.79 ng/ml



#14 Endrin

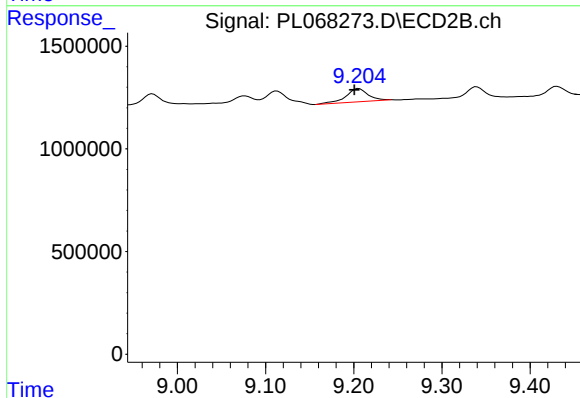
R.T.: 8.972 min  
Delta R.T.: 0.005 min  
Response: 770241  
Conc: 0.86 ng/ml



#15 Endosulfan II

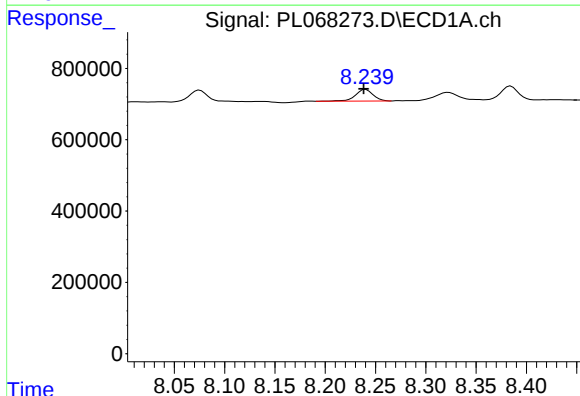
R.T.: 8.385 min  
Delta R.T.: 0.002 min  
Response: 466774  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



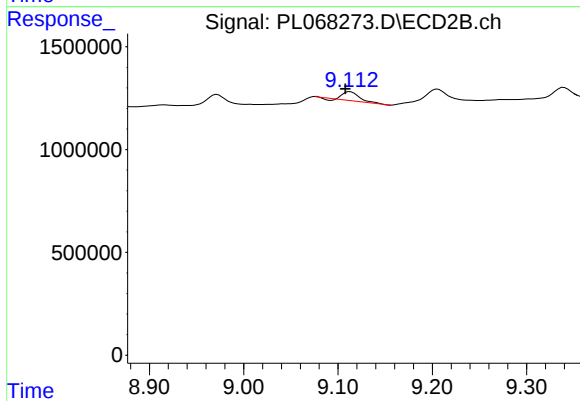
#15 Endosulfan II

R.T.: 9.206 min  
Delta R.T.: 0.005 min  
Response: 1101245  
Conc: 1.21 ng/ml



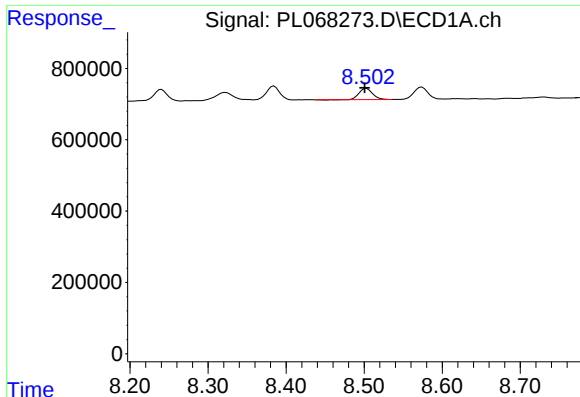
#16 4,4'-DDD

R.T.: 8.240 min  
Delta R.T.: 0.002 min  
Response: 394154  
Conc: 0.88 ng/ml



#16 4,4'-DDD

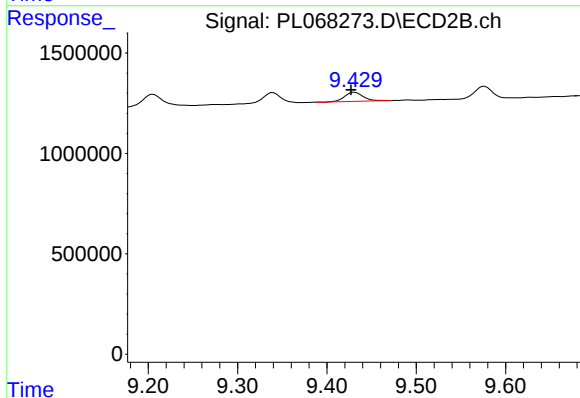
R.T.: 9.113 min  
Delta R.T.: 0.005 min  
Response: 510433  
Conc: 0.60 ng/ml



#17 4,4'-DDT

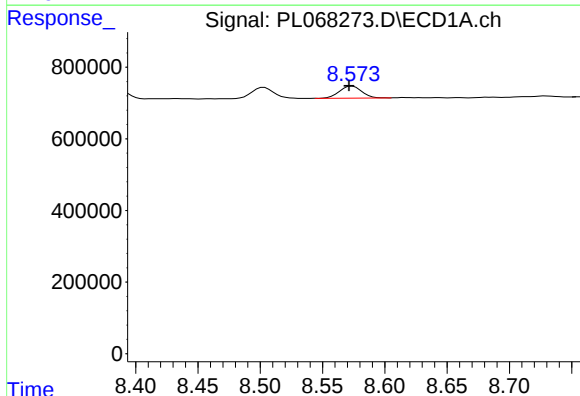
R.T.: 8.503 min  
Delta R.T.: 0.003 min  
Response: 371469  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



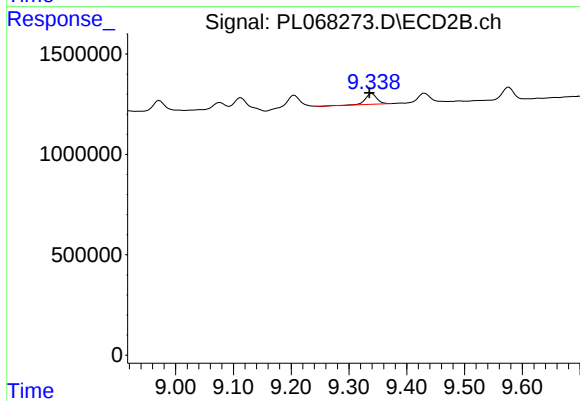
#17 4,4'-DDT

R.T.: 9.431 min  
Delta R.T.: 0.004 min  
Response: 654678  
Conc: 0.69 ng/ml



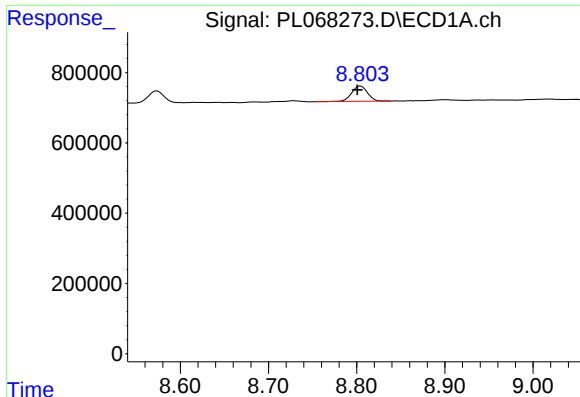
#18 Endrin aldehyde

R.T.: 8.574 min  
Delta R.T.: 0.003 min  
Response: 421777  
Conc: 1.06 ng/ml



#18 Endrin aldehyde

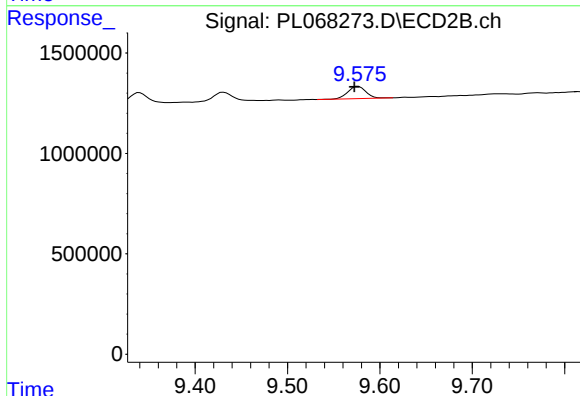
R.T.: 9.340 min  
Delta R.T.: 0.004 min  
Response: 706818  
Conc: 0.98 ng/ml



#19 Endosulfan Sulfate

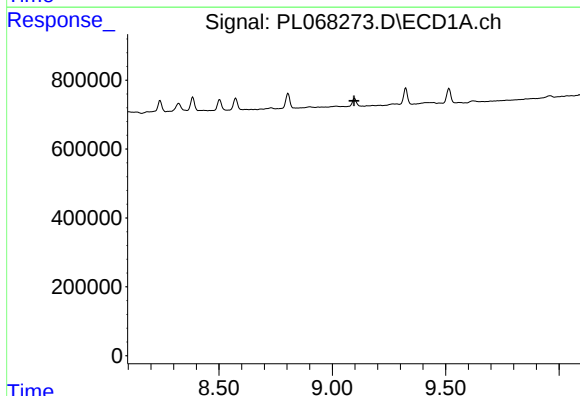
R.T.: 8.805 min  
Delta R.T.: 0.004 min  
Response: 541797  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



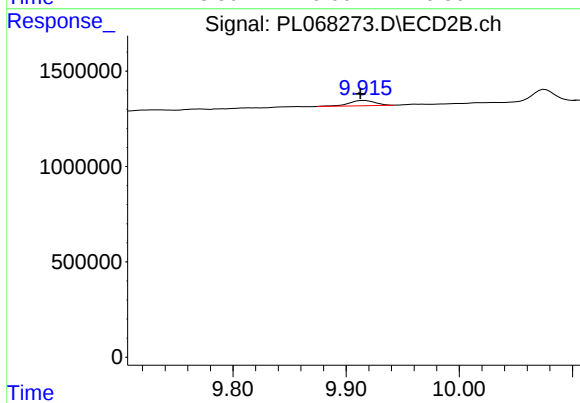
#19 Endosulfan Sulfate

R.T.: 9.577 min  
Delta R.T.: 0.004 min  
Response: 835263  
Conc: 0.93 ng/ml



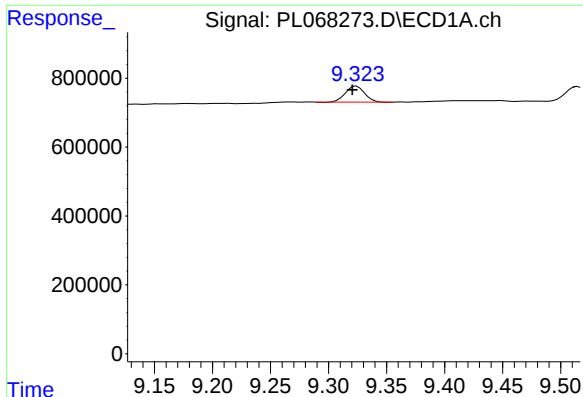
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 9.096 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

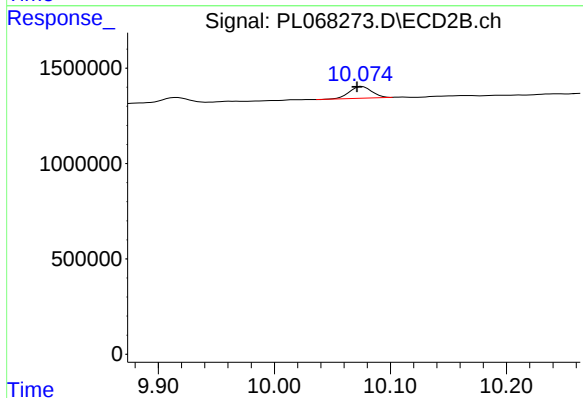
R.T.: 9.916 min  
Delta R.T.: 0.004 min  
Response: 434157  
Conc: 0.85 ng/ml



#21 Endrin ketone

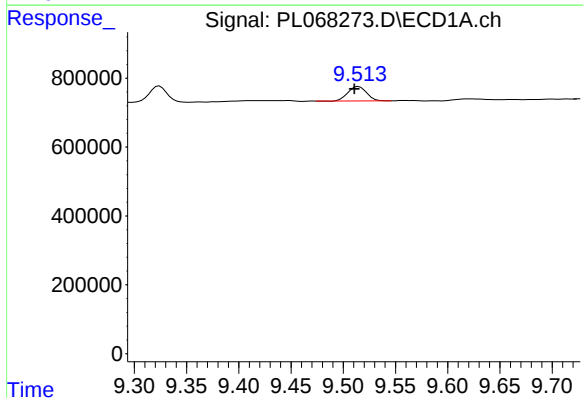
R.T.: 9.324 min  
Delta R.T.: 0.004 min  
Response: 534544  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



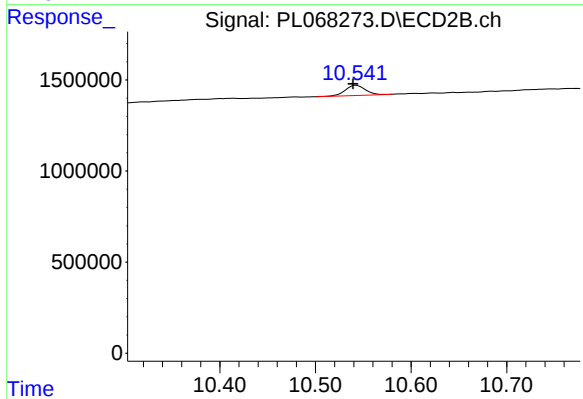
#21 Endrin ketone

R.T.: 10.076 min  
Delta R.T.: 0.004 min  
Response: 820258  
Conc: 0.82 ng/ml



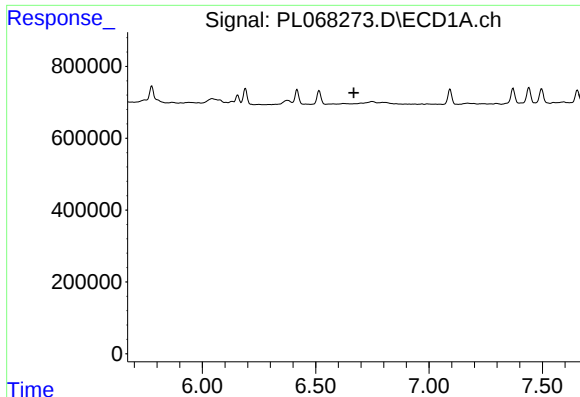
#22 Mirex

R.T.: 9.515 min  
Delta R.T.: 0.004 min  
Response: 521363  
Conc: 1.06 ng/ml



#22 Mirex

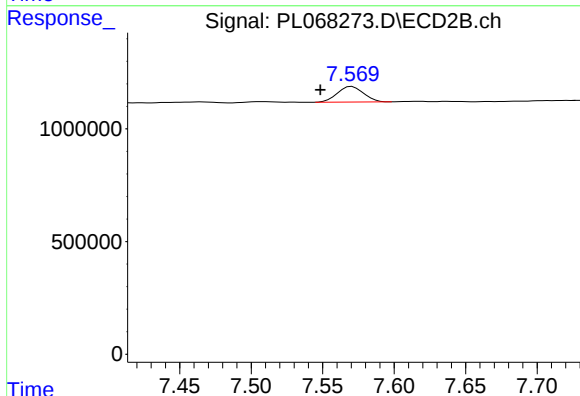
R.T.: 10.543 min  
Delta R.T.: 0.004 min  
Response: 826727  
Conc: 1.07 ng/ml



#24 Chlordane-2

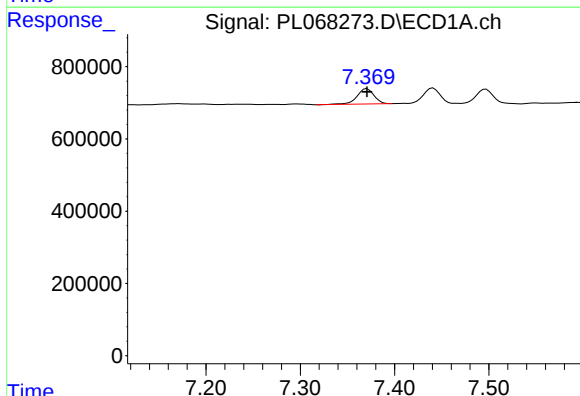
R.T.: 0.000 min  
Exp R.T.: 6.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



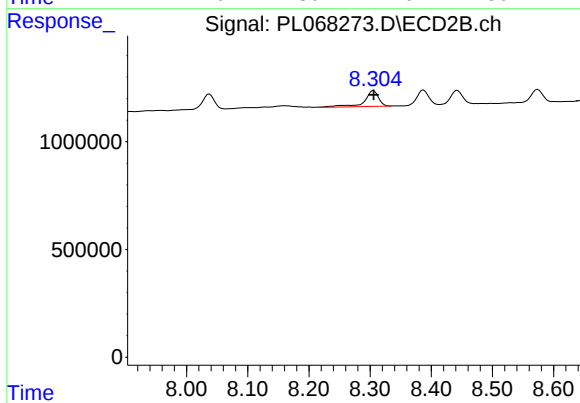
#24 Chlordane-2

R.T.: 7.571 min  
Delta R.T.: 0.022 min  
Response: 887498  
Conc: 21.33 ng/ml



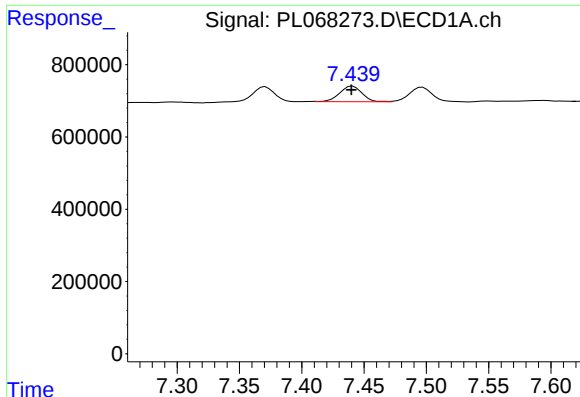
#25 Chlordane-3

R.T.: 7.371 min  
Delta R.T.: 0.000 min  
Response: 530575  
Conc: 9.85 ng/ml



#25 Chlordane-3

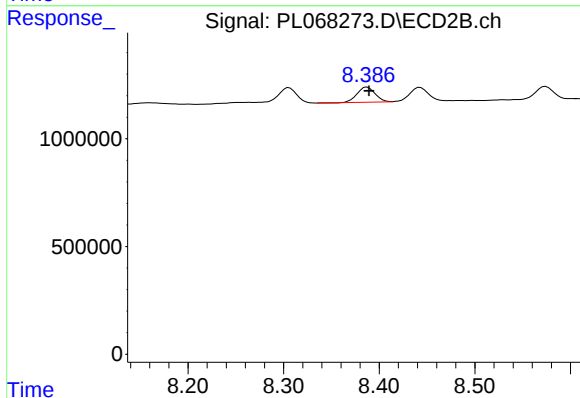
R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 1203032  
Conc: 7.77 ng/ml



#26 Chlordane-4

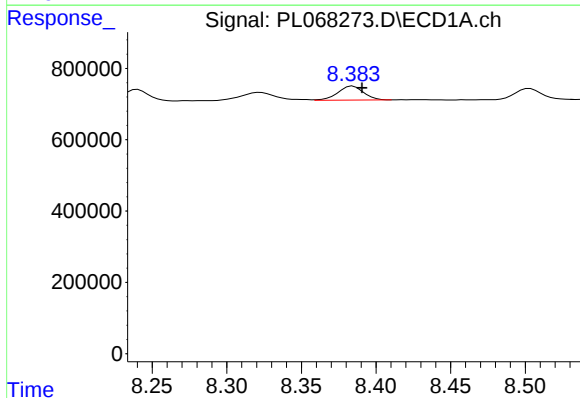
R.T.: 7.441 min  
Delta R.T.: 0.001 min  
Response: 542473  
Conc: 9.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



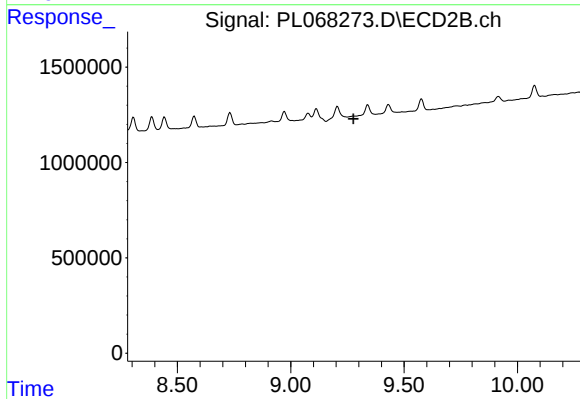
#26 Chlordane-4

R.T.: 8.387 min  
Delta R.T.: -0.002 min  
Response: 921626  
Conc: 4.92 ng/ml



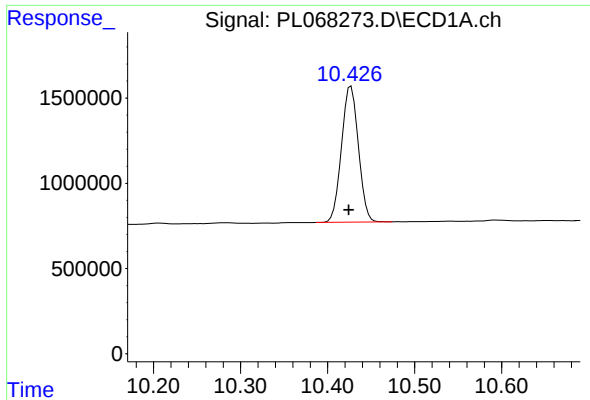
#27 Chlordane-5

R.T.: 8.385 min  
Delta R.T.: -0.006 min  
Response: 466774  
Conc: 23.19 ng/ml



#27 Chlordane-5

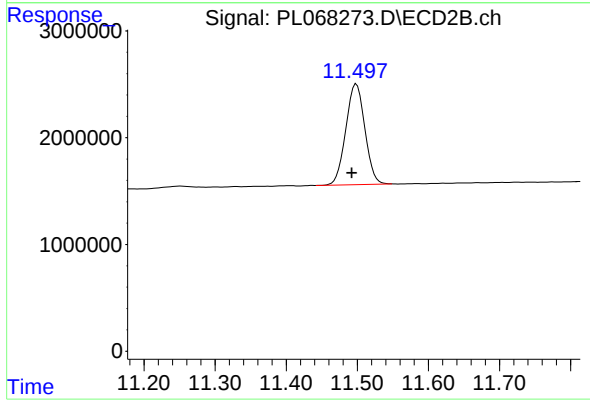
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.427 min  
Delta R.T.: 0.003 min  
Response: 10752448  
Conc: 19.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.499 min  
Delta R.T.: 0.006 min  
Response: 17579968  
Conc: 19.71 ng/ml