

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061720\  
 Data File : PL059314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2020 16:33  
 Operator : AJ\MA  
 Sample : L3024-22  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RO-11

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 17 17:34:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.518  | 4.071  | 22082808 | 33922193 | 12.788 | 13.037  |
| 28)                         | SA Decachlor... | 8.289  | 9.180  | 21013029 | 31617551 | 12.779 | 13.338  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.971  | 4.490f | 1144553  | 1179135  | 0.457  | 0.307 # |
| 4)                          | MA Heptachlor   | 0.000  | 5.263  | 0        | 916282   | N.D.   | 0.266 # |
| 5)                          | MB Aldrin       | 0.000  | 5.574  | 0        | 427511   | N.D.   | 0.136 # |
| 7)                          | B delta-BHC     | 4.724f | 0.000  | 279705   | 0        | 0.141  | N.D. #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.941f | 0        | 1059692  | N.D.   | 0.383 # |
| 9)                          | A Endosulfan I  | 5.601  | 6.308  | 217755   | 349595   | 0.139  | 0.125   |
| 10)                         | B gamma-Chl...  | 5.494f | 6.199  | 1110901  | 1067650  | 0.663  | 0.357 # |
| 11)                         | B alpha-Chl...  | 5.530  | 6.270  | 731656   | 1774820  | 0.439  | 0.584 # |
| 12)                         | B 4,4'-DDE      | 5.693  | 6.422  | 1059793  | 2609337  | 0.697  | 0.937 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.589  | 0        | 76183    | N.D.   | 0.026 # |
| 14)                         | MA Endrin       | 6.084  | 6.821f | 504700   | 570937   | 0.333  | 0.229 # |
| 15)                         | B Endosulfa...  | 0.000  | 7.006  | 0        | 668109   | N.D.   | 0.256 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.920  | 0        | 645138   | N.D.   | 0.278 # |
| 17)                         | MA 4,4'-DDT     | 6.451  | 7.214  | 1712861  | 2647543  | 1.358  | 1.163   |
| 18)                         | B Endrin al...  | 6.544  | 7.144  | 181062   | 680180   | 0.138  | 0.298 # |
| 19)                         | B Endosulfa...  | 6.736  | 0.000  | 250380   | 0        | 0.168  | N.D. #  |
| 20)                         | A Methoxychlor  | 6.981f | 0.000  | 295069   | 0        | 0.384  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.255f | 0.000  | 362308   | 0        | 0.209  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 8.304f | 0        | 230461   | N.D.   | 0.117 # |
| 23)                         | Chlordane-1     | 4.406  | 0.000  | 512902   | 0        | 10.196 | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 5.574f | 0        | 427511   | N.D.   | 4.481 # |
| 25)                         | Chlordane-3     | 5.494f | 6.199  | 1110901  | 1067650  | 7.518  | 2.847 # |
| 26)                         | Chlordane-4     | 5.530  | 6.270  | 731656   | 1774820  | 6.099  | 3.900 # |
| 27)                         | Chlordane-5     | 6.402f | 7.091  | 145876   | 376672   | 2.931  | 4.759 # |
| -----                       |                 |        |        |          |          |        |         |

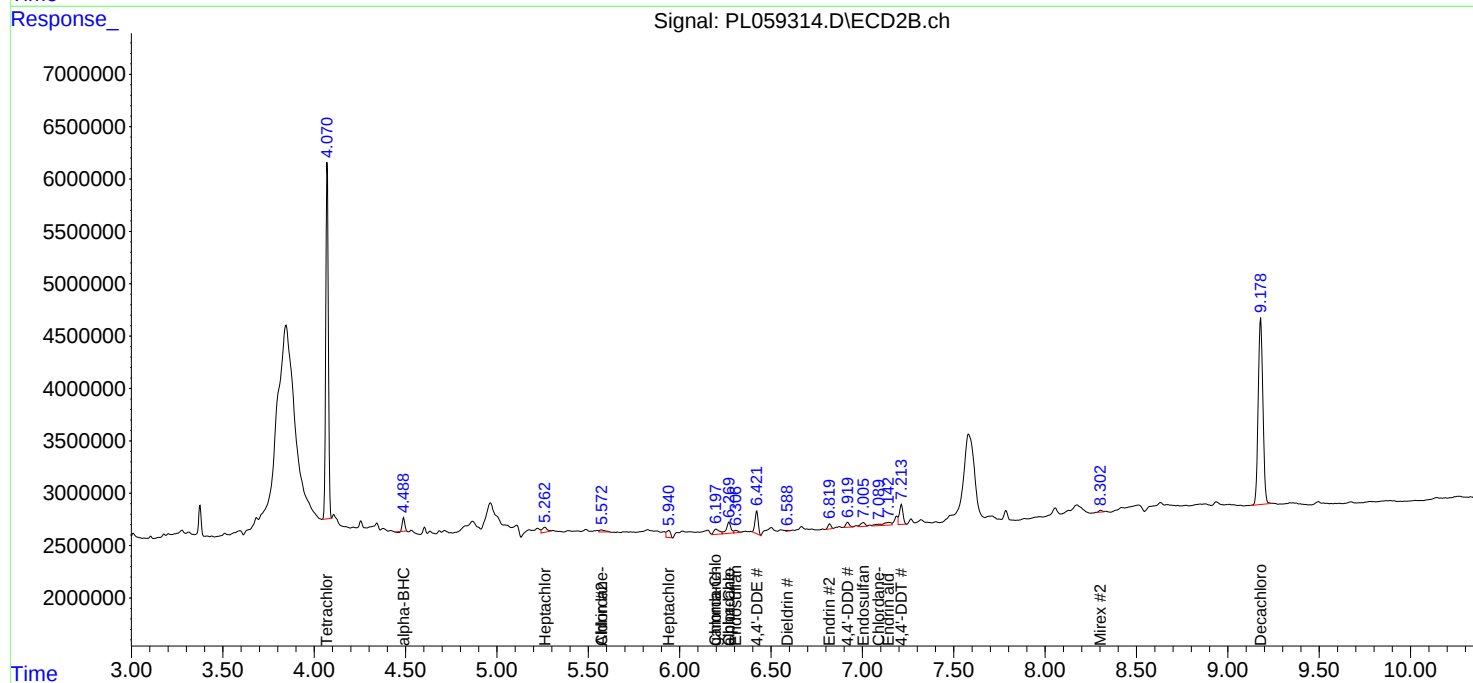
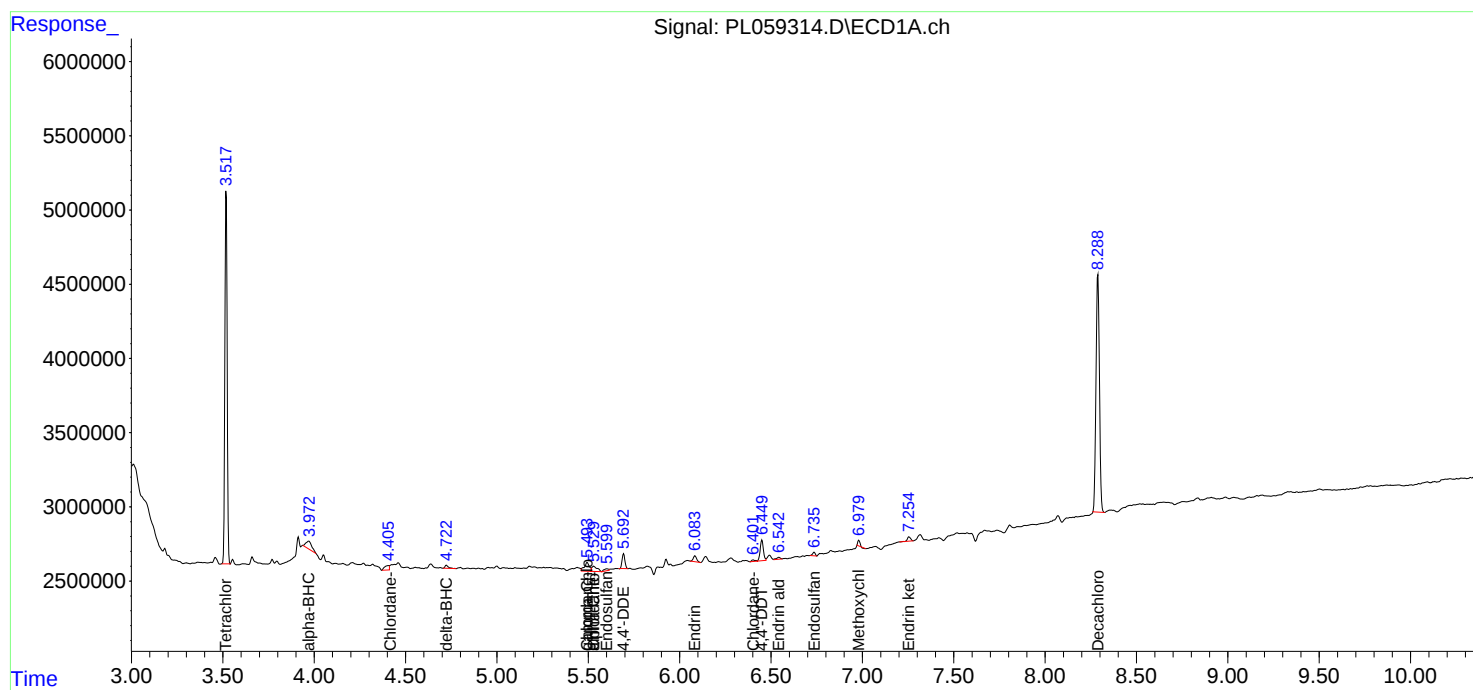
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

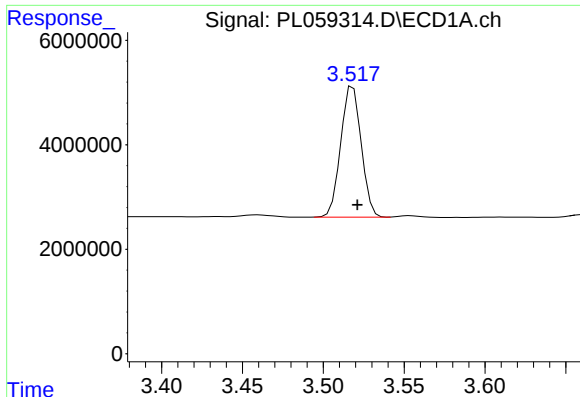
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061720\  
Data File : PL059314.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2020 16:33  
Operator : AJ\MA  
Sample : L3024-22  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 17 17:34:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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

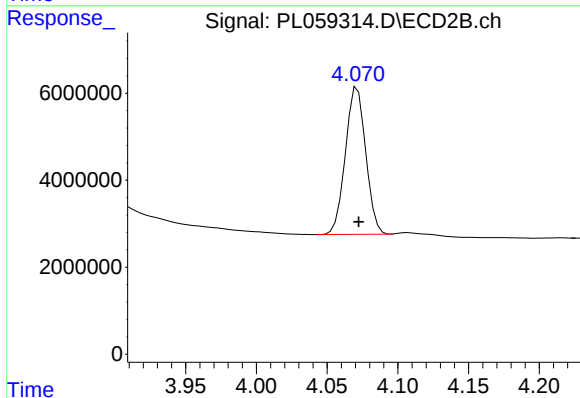




#1 Tetrachloro-m-xylene

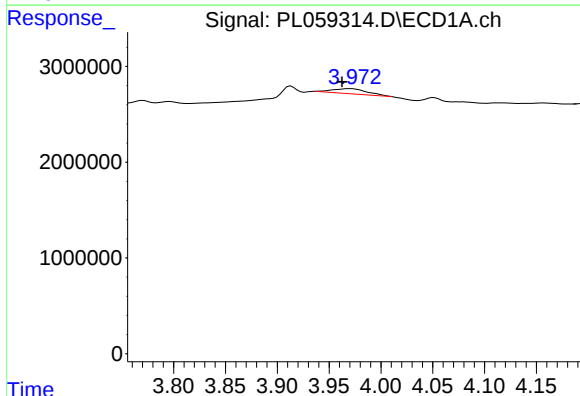
R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 22082808  
Conc: 12.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



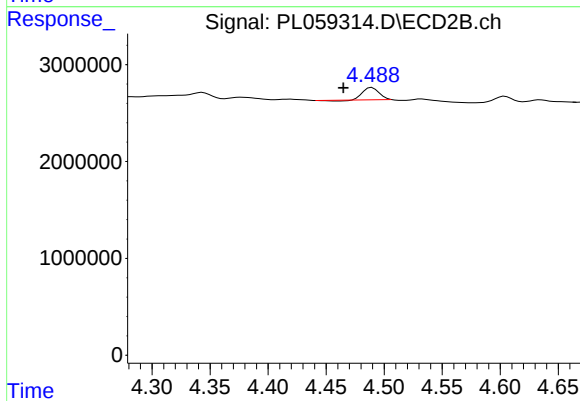
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 33922193  
Conc: 13.04 ng/ml



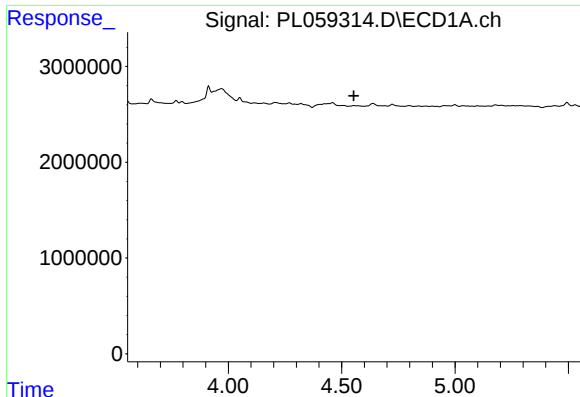
#2 alpha-BHC

R.T.: 3.971 min  
Delta R.T.: 0.008 min  
Response: 1144553  
Conc: 0.46 ng/ml



#2 alpha-BHC

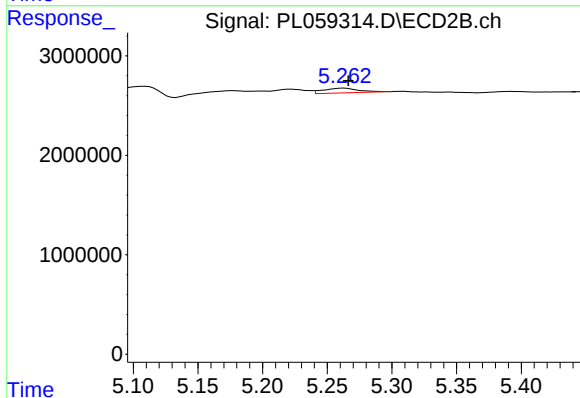
R.T.: 4.490 min  
Delta R.T.: 0.025 min  
Response: 1179135  
Conc: 0.31 ng/ml



#4 Heptachlor

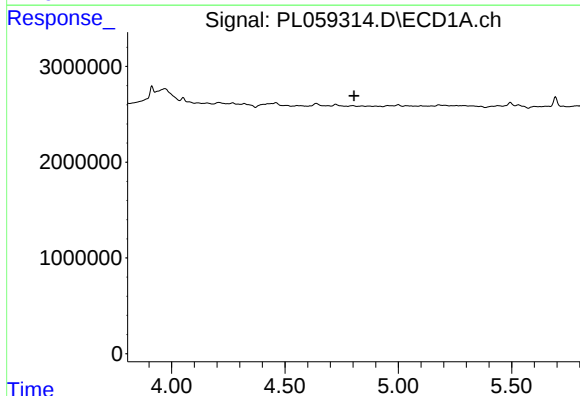
R.T.: 0.000 min  
Exp R.T.: 4.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



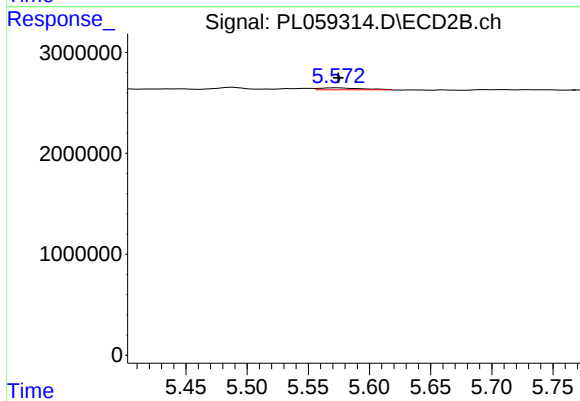
#4 Heptachlor

R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 916282  
Conc: 0.27 ng/ml



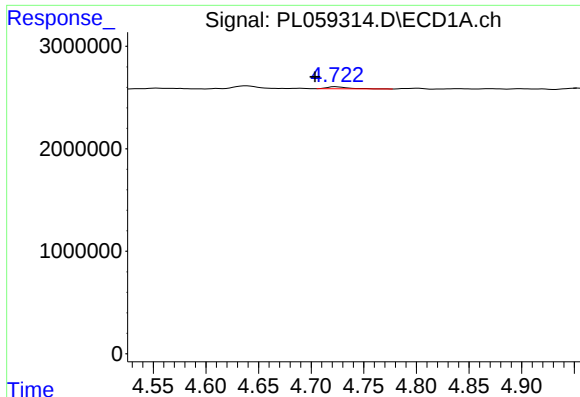
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.



#5 Aldrin

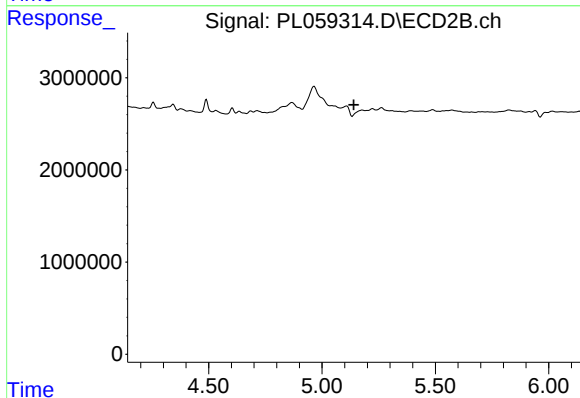
R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: 427511  
Conc: 0.14 ng/ml



#7 delta-BHC

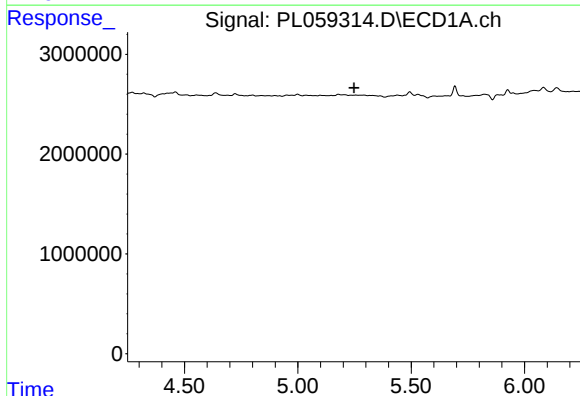
R.T.: 4.724 min  
Delta R.T.: 0.020 min  
Response: 279705  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



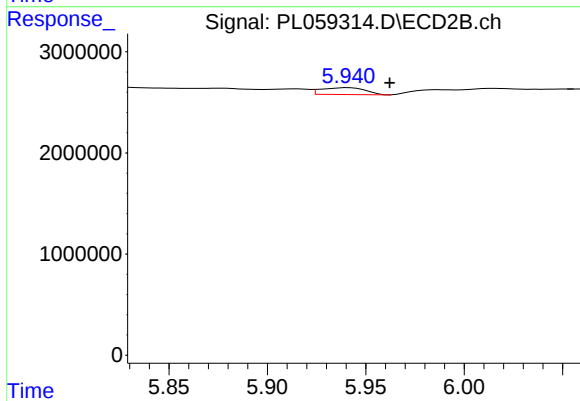
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.141 min  
Response: 0  
Conc: N.D.



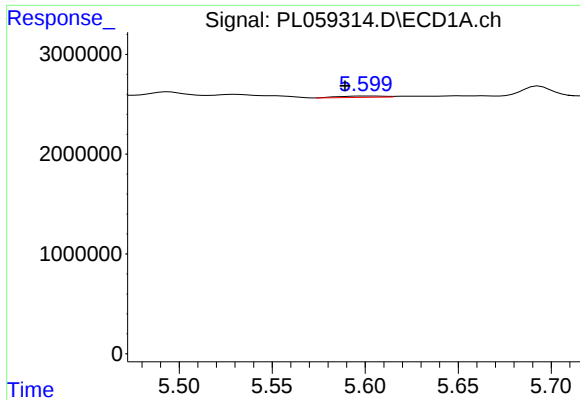
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.248 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

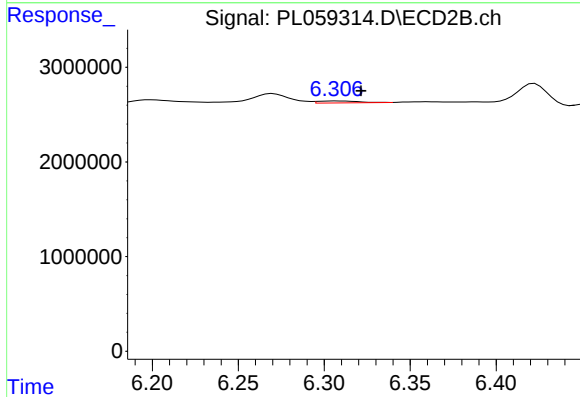
R.T.: 5.941 min  
Delta R.T.: -0.021 min  
Response: 1059692  
Conc: 0.38 ng/ml



#9 Endosulfan I

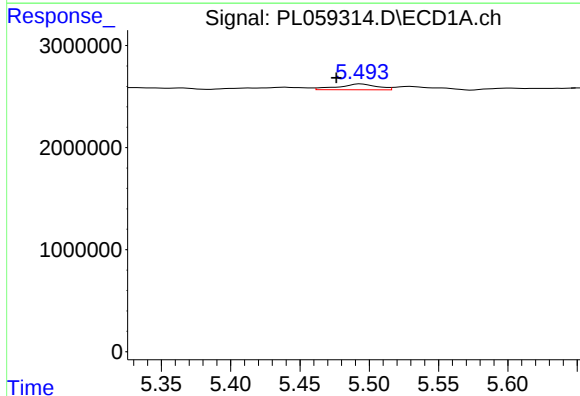
R.T.: 5.601 min  
Delta R.T.: 0.012 min  
Response: 217755  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



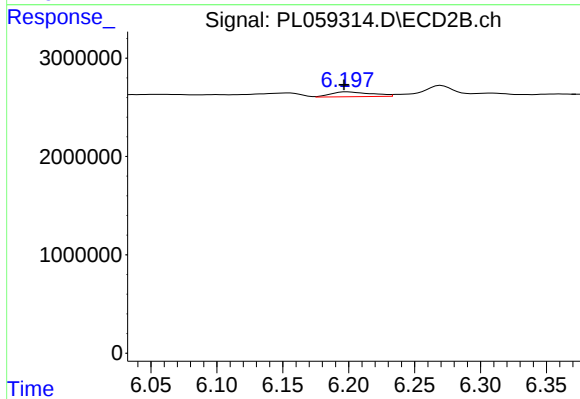
#9 Endosulfan I

R.T.: 6.308 min  
Delta R.T.: -0.013 min  
Response: 349595  
Conc: 0.12 ng/ml



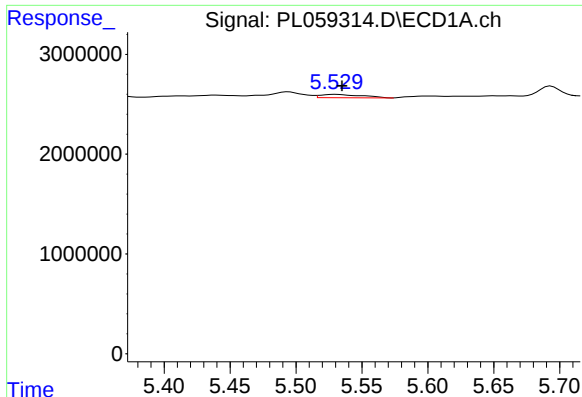
#10 gamma-Chlordane

R.T.: 5.494 min  
Delta R.T.: 0.018 min  
Response: 1110901  
Conc: 0.66 ng/ml



#10 gamma-Chlordane

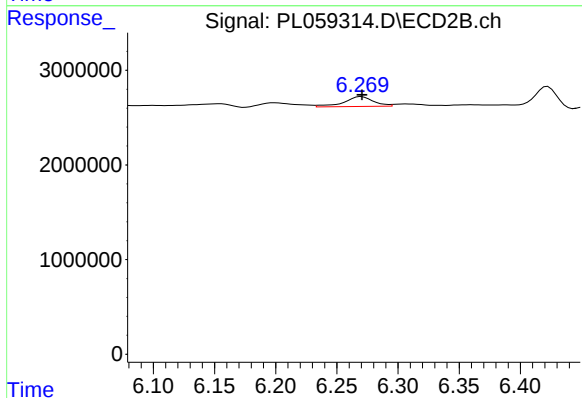
R.T.: 6.199 min  
Delta R.T.: 0.002 min  
Response: 1067650  
Conc: 0.36 ng/ml



#11 alpha-Chlordane

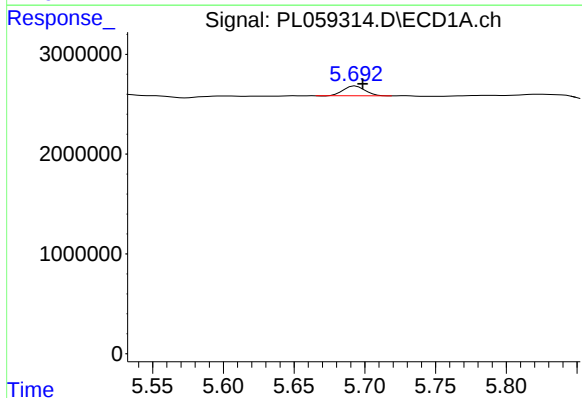
R.T.: 5.530 min  
Delta R.T.: -0.005 min  
Response: 731656  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



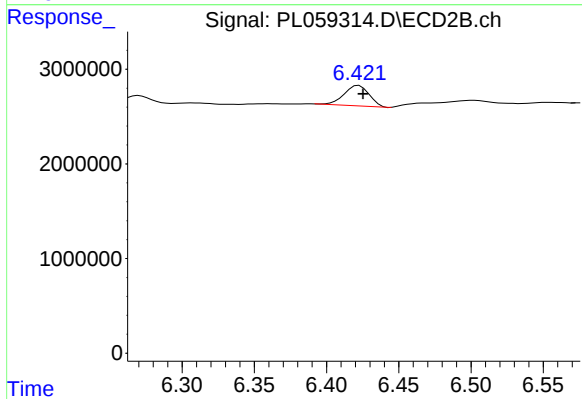
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 1774820  
Conc: 0.58 ng/ml



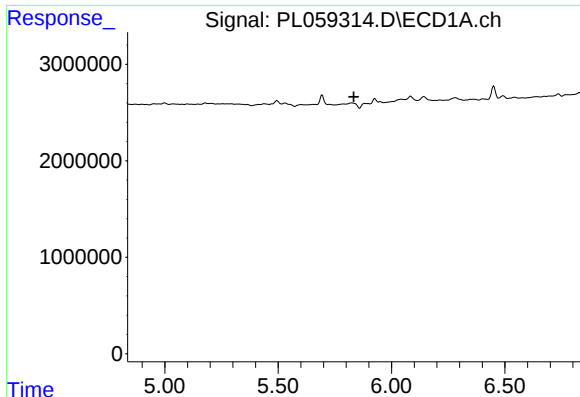
#12 4,4'-DDE

R.T.: 5.693 min  
Delta R.T.: -0.005 min  
Response: 1059793  
Conc: 0.70 ng/ml



#12 4,4'-DDE

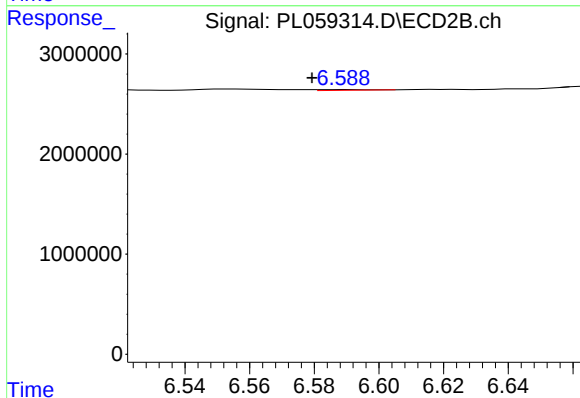
R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 2609337  
Conc: 0.94 ng/ml



#13 Dieldrin

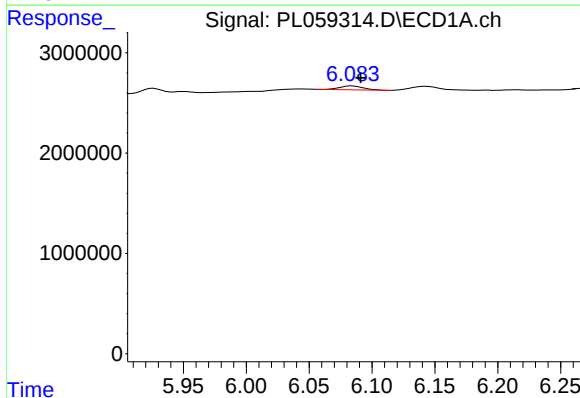
R.T.: 0.000 min  
Exp R.T.: 5.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



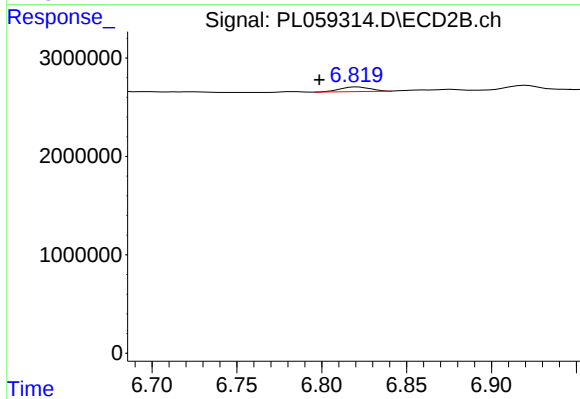
#13 Dieldrin

R.T.: 6.589 min  
Delta R.T.: 0.010 min  
Response: 76183  
Conc: 0.03 ng/ml



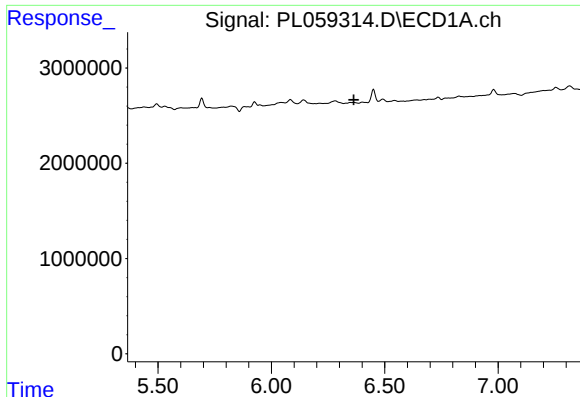
#14 Endrin

R.T.: 6.084 min  
Delta R.T.: -0.007 min  
Response: 504700  
Conc: 0.33 ng/ml



#14 Endrin

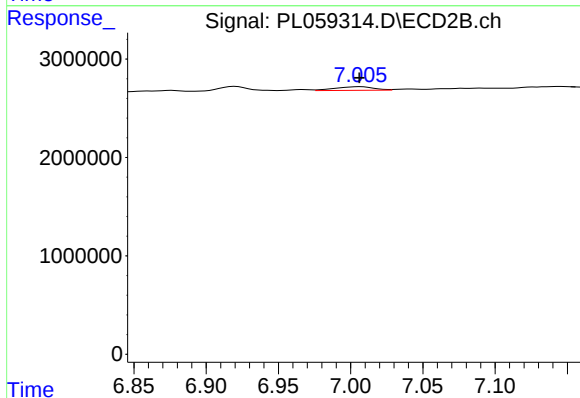
R.T.: 6.821 min  
Delta R.T.: 0.022 min  
Response: 570937  
Conc: 0.23 ng/ml



#15 Endosulfan II

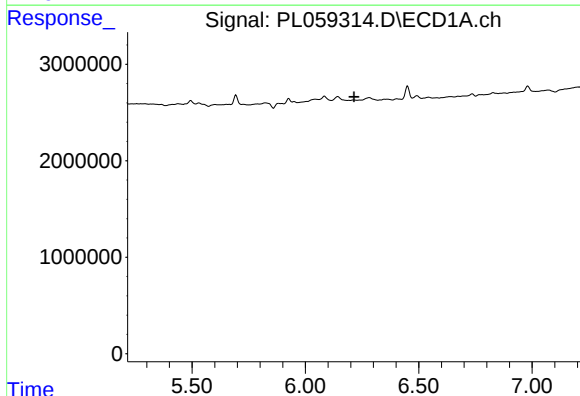
R.T.: 0.000 min  
Exp R.T.: 6.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



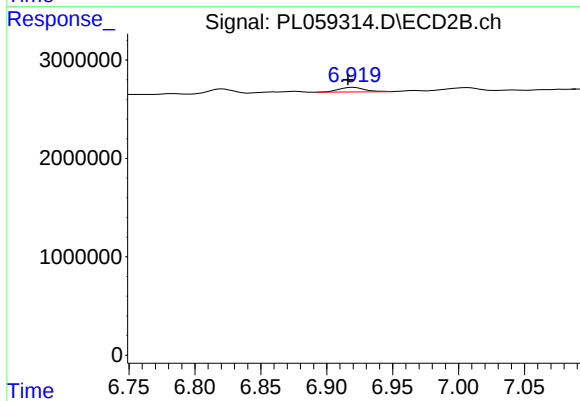
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.000 min  
Response: 668109  
Conc: 0.26 ng/ml



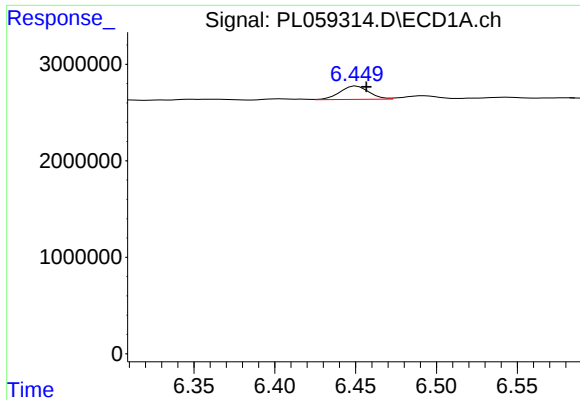
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.215 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

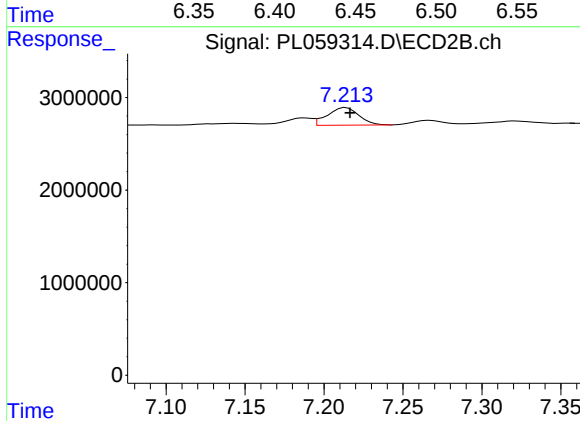
R.T.: 6.920 min  
Delta R.T.: 0.004 min  
Response: 645138  
Conc: 0.28 ng/ml



#17 4,4'-DDT

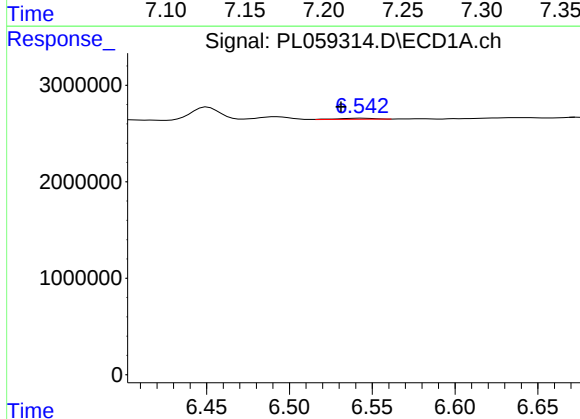
R.T.: 6.451 min  
Delta R.T.: -0.006 min  
Response: 1712861  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



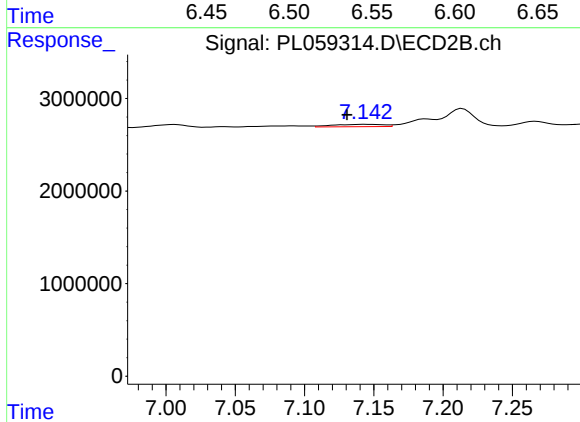
#17 4,4'-DDT

R.T.: 7.214 min  
Delta R.T.: -0.003 min  
Response: 2647543  
Conc: 1.16 ng/ml



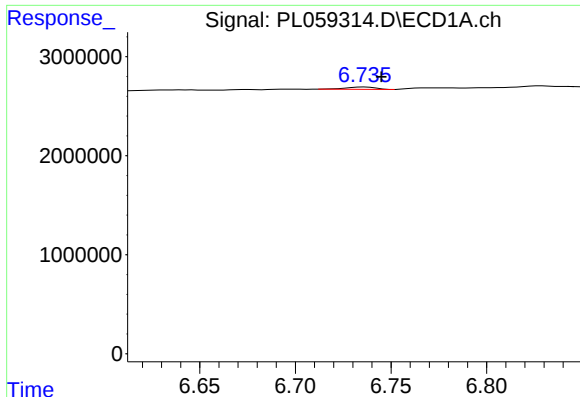
#18 Endrin aldehyde

R.T.: 6.544 min  
Delta R.T.: 0.012 min  
Response: 181062  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

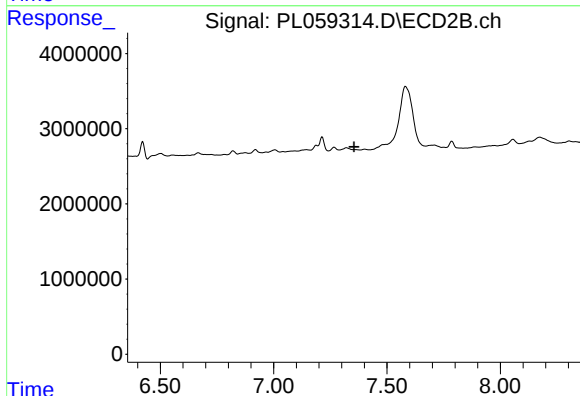
R.T.: 7.144 min  
Delta R.T.: 0.013 min  
Response: 680180  
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

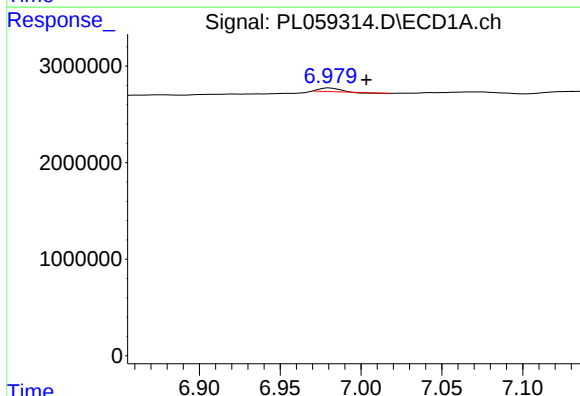
R.T.: 6.736 min  
Delta R.T.: -0.009 min  
Response: 250380  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



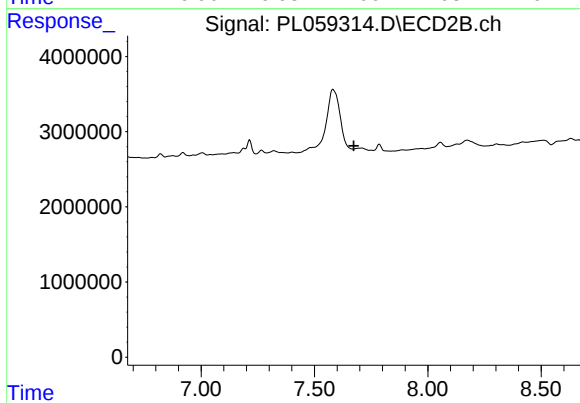
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.354 min  
Response: 0  
Conc: N.D.



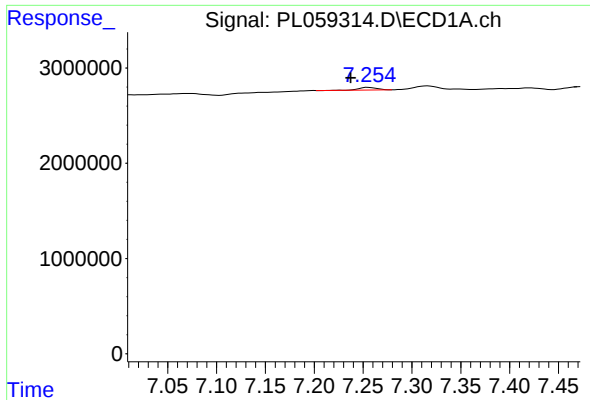
#20 Methoxychlor

R.T.: 6.981 min  
Delta R.T.: -0.023 min  
Response: 295069  
Conc: 0.38 ng/ml



#20 Methoxychlor

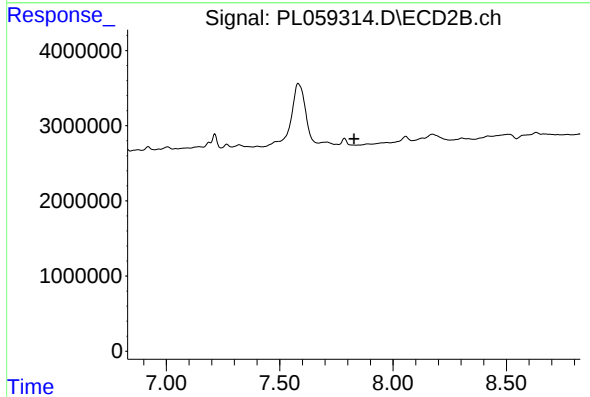
R.T.: 0.000 min  
Exp R.T. : 7.673 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

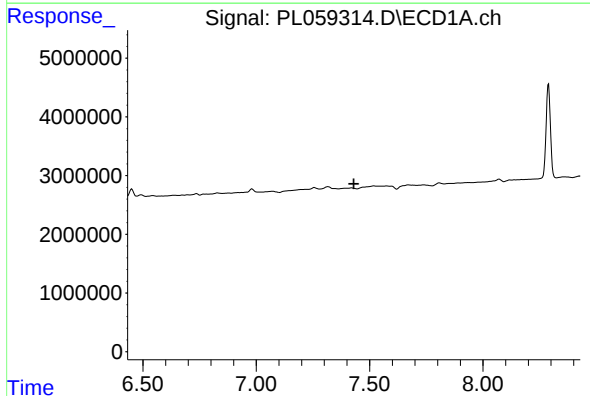
R.T.: 7.255 min  
Delta R.T.: 0.018 min  
Response: 362308  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



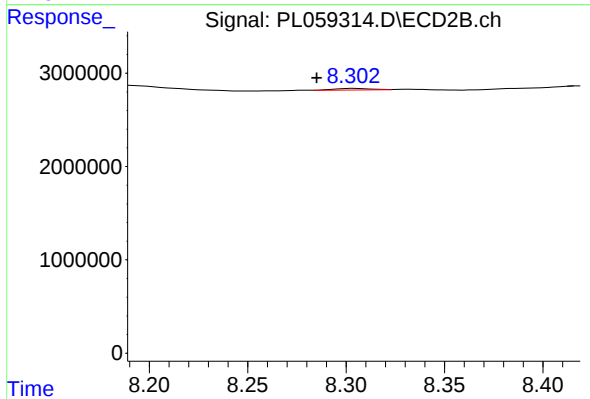
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.828 min  
Response: 0  
Conc: N.D.



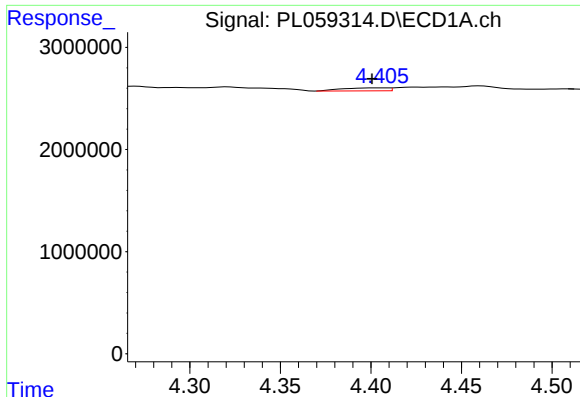
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.430 min  
Response: 0  
Conc: N.D.



#22 Mirex

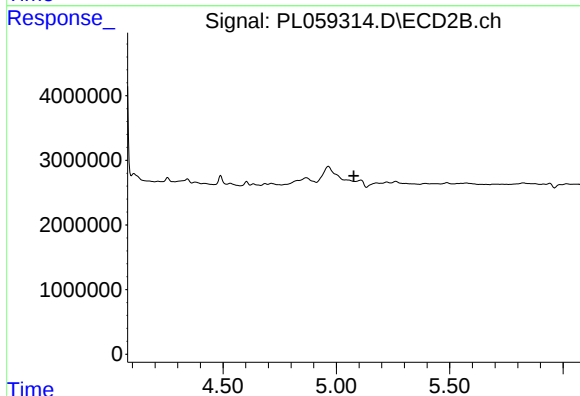
R.T.: 8.304 min  
Delta R.T.: 0.019 min  
Response: 230461  
Conc: 0.12 ng/ml



#23 Chlordane-1

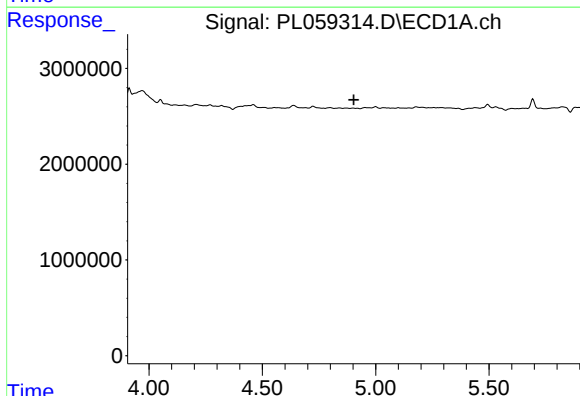
R.T.: 4.406 min  
Delta R.T.: 0.006 min  
Response: 512902  
Conc: 10.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



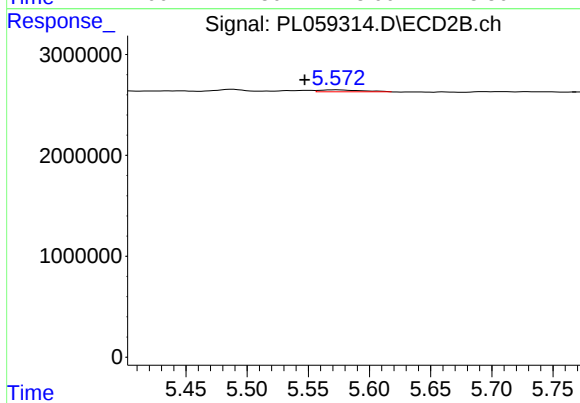
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



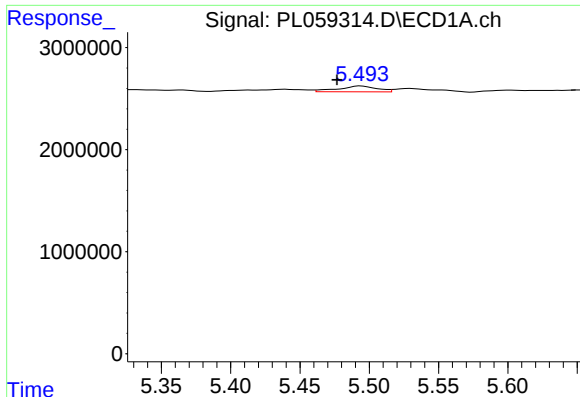
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

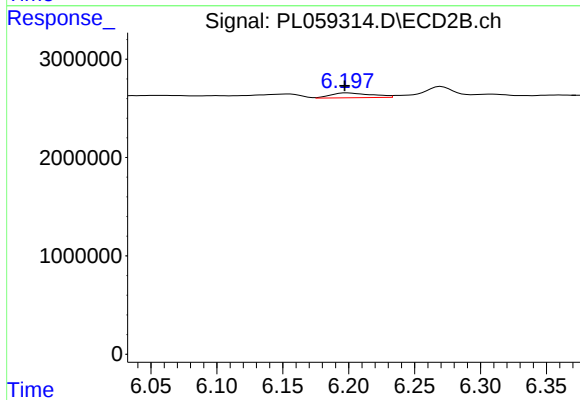
R.T.: 5.574 min  
Delta R.T.: 0.027 min  
Response: 427511  
Conc: 4.48 ng/ml



#25 Chlordane-3

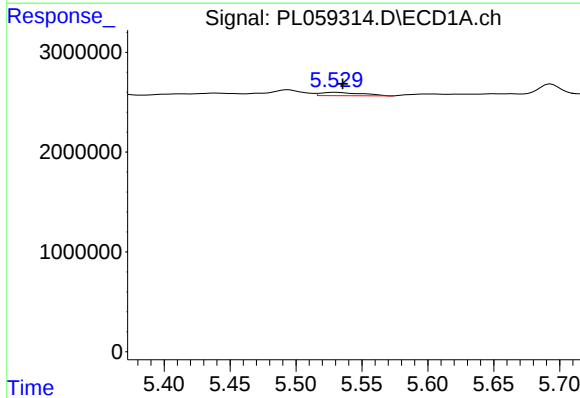
R.T.: 5.494 min  
Delta R.T.: 0.017 min  
Response: 1110901  
Conc: 7.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



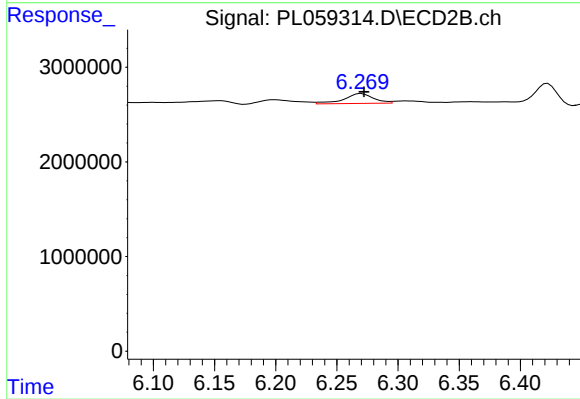
#25 Chlordane-3

R.T.: 6.199 min  
Delta R.T.: 0.002 min  
Response: 1067650  
Conc: 2.85 ng/ml



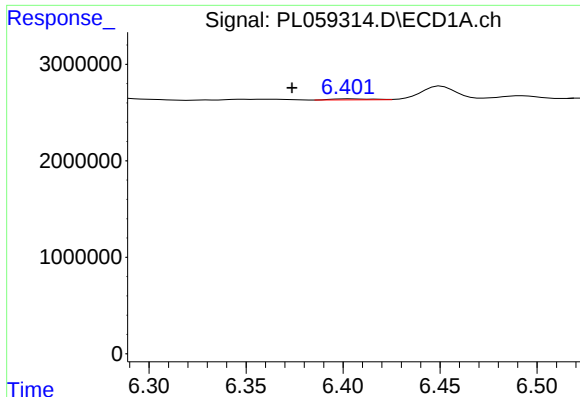
#26 Chlordane-4

R.T.: 5.530 min  
Delta R.T.: -0.006 min  
Response: 731656  
Conc: 6.10 ng/ml



#26 Chlordane-4

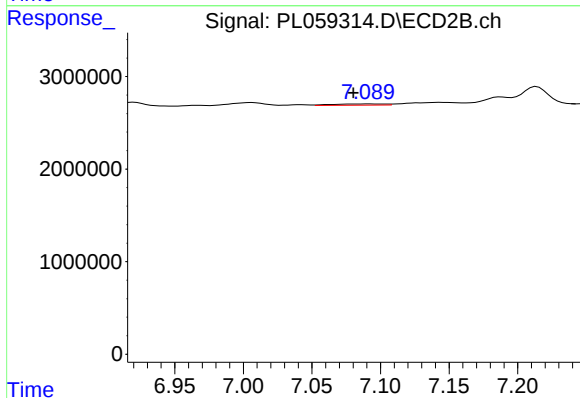
R.T.: 6.270 min  
Delta R.T.: -0.002 min  
Response: 1774820  
Conc: 3.90 ng/ml



#27 Chlordane-5

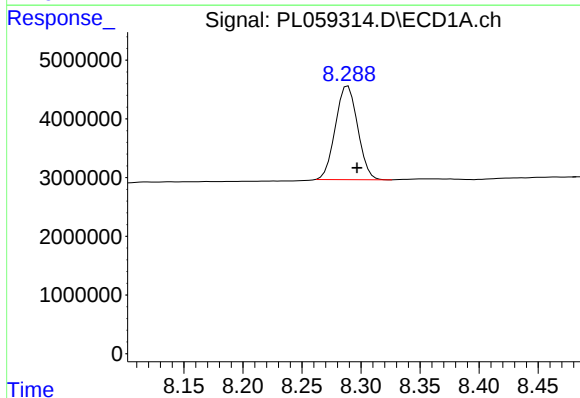
R.T.: 6.402 min  
Delta R.T.: 0.029 min  
Response: 145876  
Conc: 2.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-11



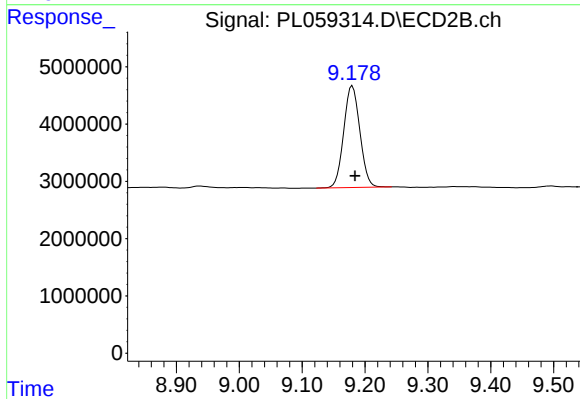
#27 Chlordane-5

R.T.: 7.091 min  
Delta R.T.: 0.011 min  
Response: 376672  
Conc: 4.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.289 min  
Delta R.T.: -0.008 min  
Response: 21013029  
Conc: 12.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.180 min  
Delta R.T.: -0.004 min  
Response: 31617551  
Conc: 13.34 ng/ml