

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041921\  
 Data File : PL066315.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2021 20:35  
 Operator : AR\AJ  
 Sample : M2076-13  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 20 02:13:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 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... | 3.445  | 4.154  | 50125649 | 82899586 | 19.694 | 20.609   |
| 28)                         | SA Decachlor... | 8.168  | 9.355  | 47663334 | 63780077 | 19.982 | 19.529   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.845  | 0        | 659572   | N.D.   | 0.124 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.356  | 0        | 8760685  | N.D.   | 1.574 #  |
| 5)                          | MB Aldrin       | 4.703  | 5.702f | 2891043  | 1260997  | 0.738  | 0.253 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.275f | 0        | 8146753  | N.D.   | 1.584 #  |
| 9)                          | A Endosulfan I  | 5.493f | 0.000  | 1671130  | 0        | 0.467  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.389f | 6.313  | 2710937  | -281628  | 0.732  | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.384  | 0        | 2737459  | N.D.   | 0.606 #  |
| 12)                         | B 4,4'-DDE      | 5.591  | 6.540  | 31320442 | 30473082 | 8.397  | 7.362    |
| 13)                         | MA Dieldrin     | 5.715  | 6.683f | 1170682  | 1344329  | 0.289  | 0.322    |
| 14)                         | MA Endrin       | 5.976  | 6.907  | 8986291  | 1746394  | 2.577  | 0.540 #  |
| 15)                         | B Endosulfa...  | 6.241  | 7.132  | 907299   | 7846474  | 0.276  | 2.251 #  |
| 16)                         | A 4,4'-DDD      | 6.075f | 7.040  | 1518957  | 7026761  | 0.461  | 2.053 #  |
| 17)                         | MA 4,4'-DDT     | 6.340  | 7.341  | 19736400 | 31144835 | 6.192  | 9.181 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.269  | 0        | 7715990  | N.D.   | 2.759 #  |
| 19)                         | B Endosulfa...  | 6.622  | 0.000  | 1906808  | 0        | 0.555  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.866f | 0.000  | 2885878  | 0        | 1.594  | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.943f | 0        | 1668312  | N.D.   | 0.454 #  |
| 22)                         | Mirex           | 0.000  | 8.433  | 0        | 1116323  | N.D.   | 0.394 #  |
| 23)                         | Chlordane-1     | 4.312  | 5.201f | 2988036  | 5833962  | 26.137 | 33.932 # |
| 24)                         | Chlordane-2     | 0.000  | 5.651  | 0        | 6756470  | N.D.   | 38.404 # |
| 25)                         | Chlordane-3     | 5.389f | 6.313  | 2710937  | -281628  | 7.459  | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 6.384  | 0        | 2737459  | N.D.   | 3.485 #  |
| 27)                         | Chlordane-5     | 6.241  | 7.215  | 907299   | 3178741  | 6.422  | 23.717 # |
| -----                       |                 |        |        |          |          |        |          |

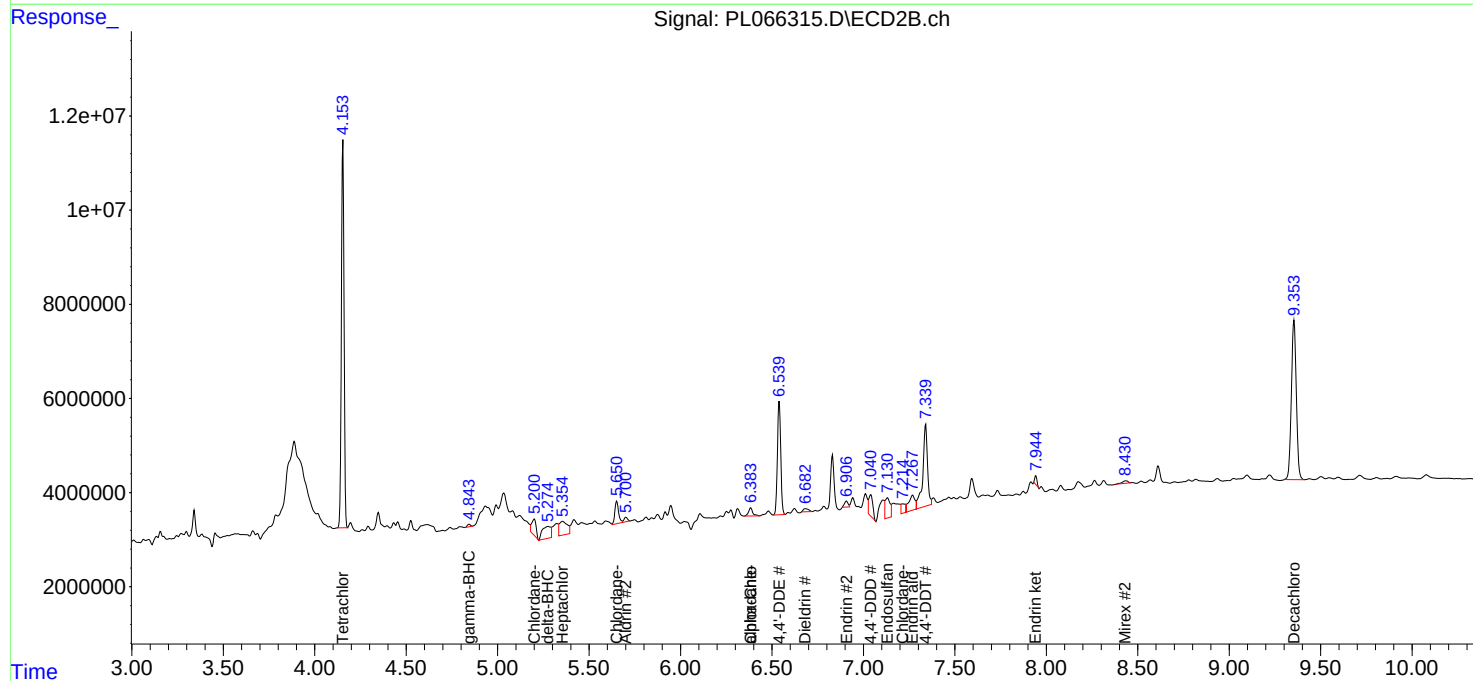
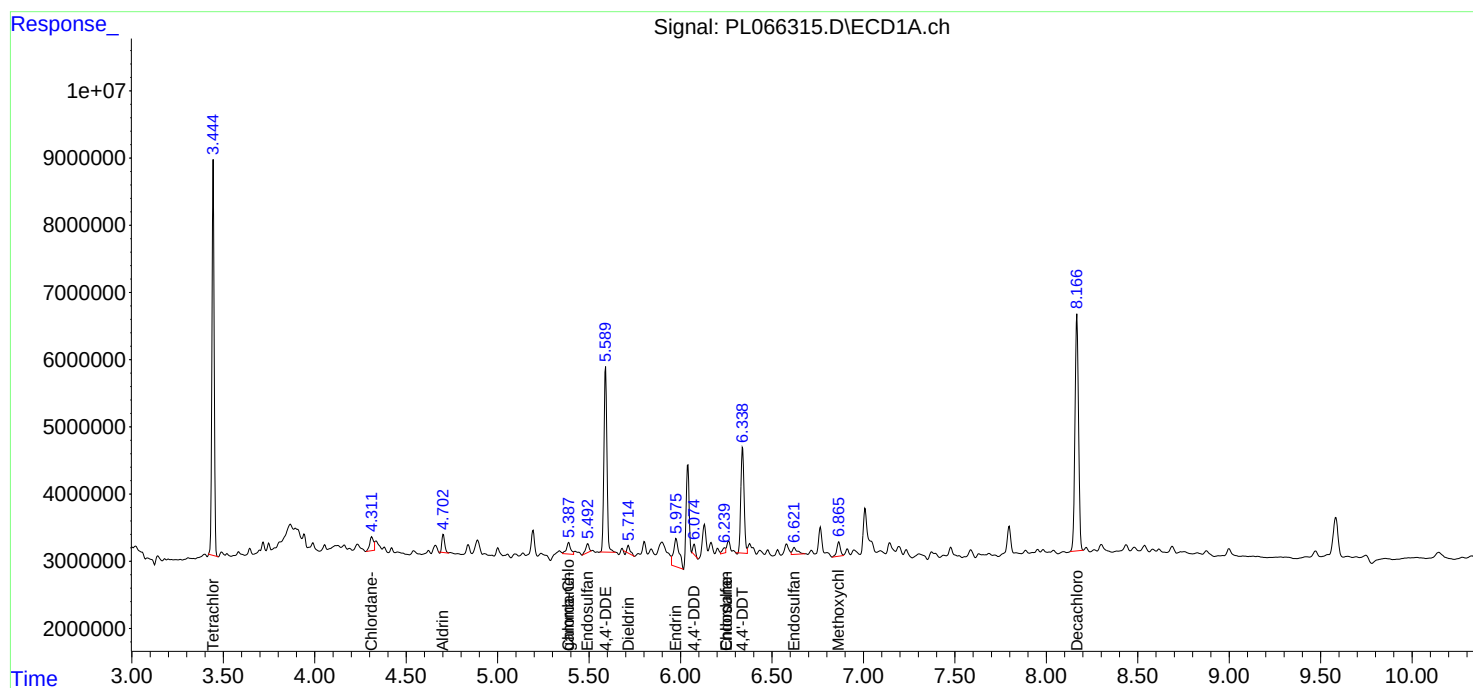
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

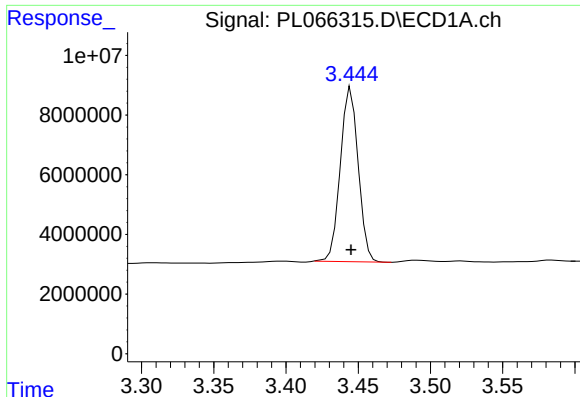
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041921\  
Data File : PL066315.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2021 20:35  
Operator : AR\AJ  
Sample : M2076-13  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 20 02:13:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 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

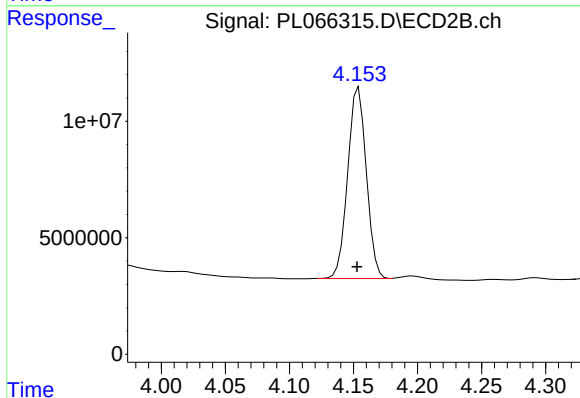




#1 Tetrachloro-m-xylene

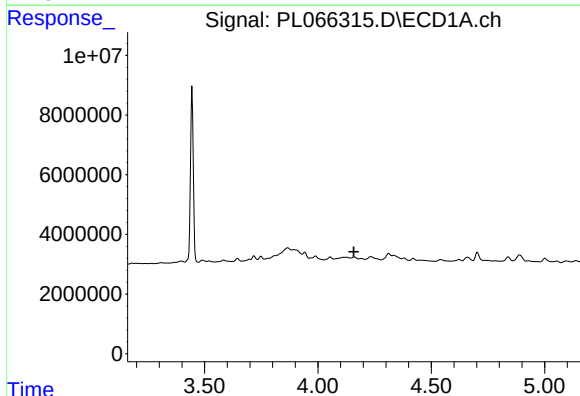
R.T.: 3.445 min  
Delta R.T.: 0.000 min  
Response: 50125649  
Conc: 19.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



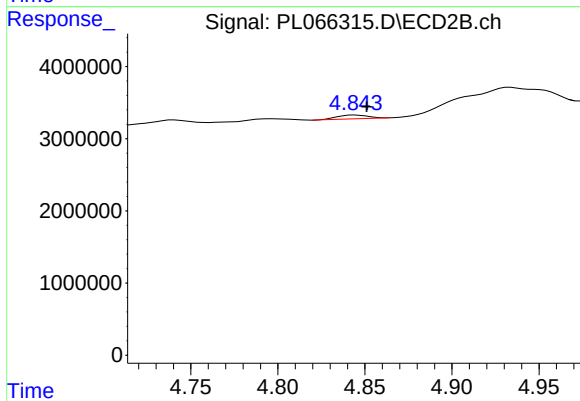
#1 Tetrachloro-m-xylene

R.T.: 4.154 min  
Delta R.T.: 0.001 min  
Response: 82899586  
Conc: 20.61 ng/ml



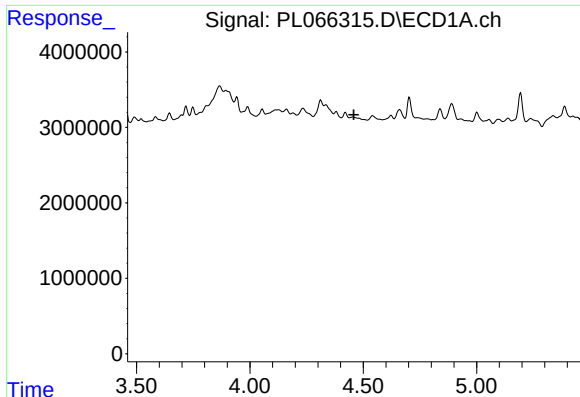
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.159 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

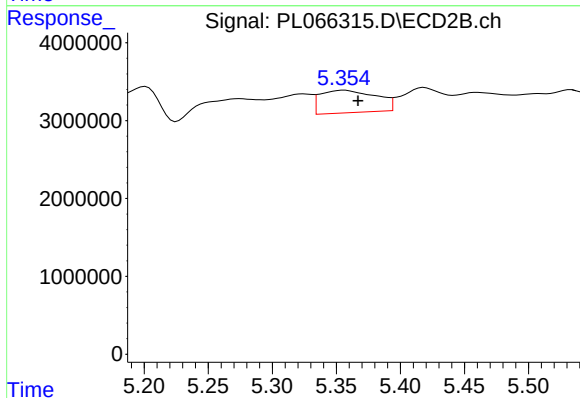
R.T.: 4.845 min  
Delta R.T.: -0.006 min  
Response: 659572  
Conc: 0.12 ng/ml



#4 Heptachlor

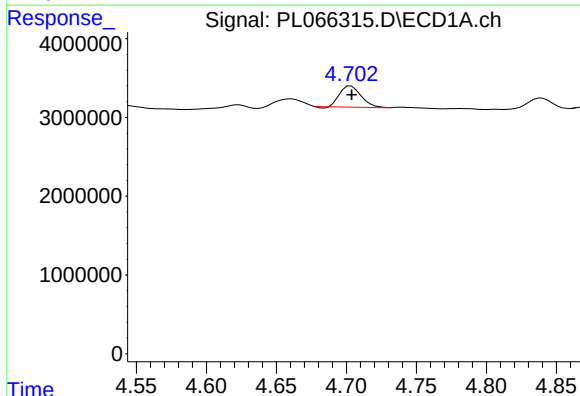
R.T.: 0.000 min  
Exp R.T.: 4.459 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



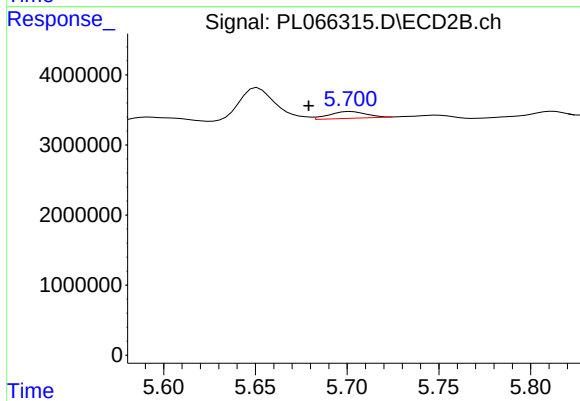
#4 Heptachlor

R.T.: 5.356 min  
Delta R.T.: -0.011 min  
Response: 8760685  
Conc: 1.57 ng/ml



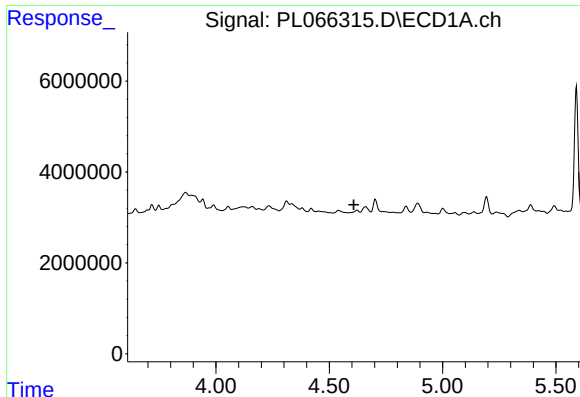
#5 Aldrin

R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 2891043  
Conc: 0.74 ng/ml



#5 Aldrin

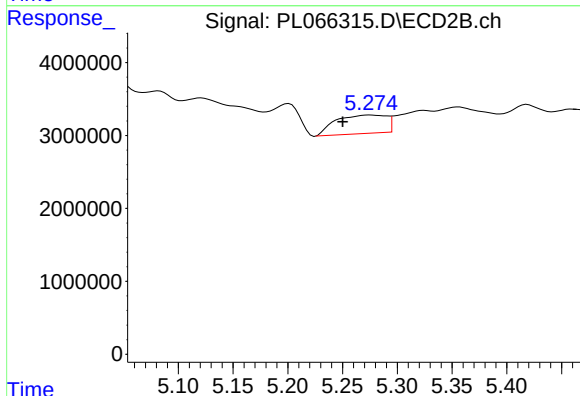
R.T.: 5.702 min  
Delta R.T.: 0.023 min  
Response: 1260997  
Conc: 0.25 ng/ml



#7 delta-BHC

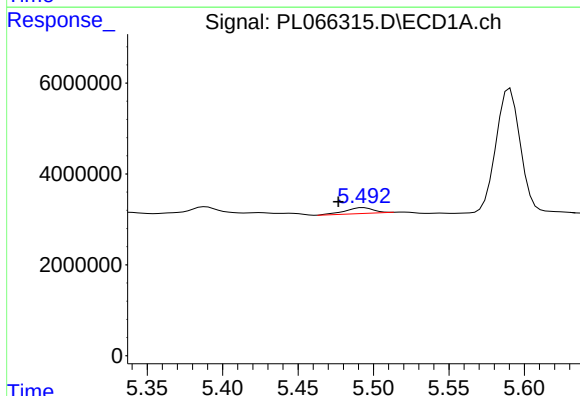
R.T.: 0.000 min  
Exp R.T.: 4.608 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



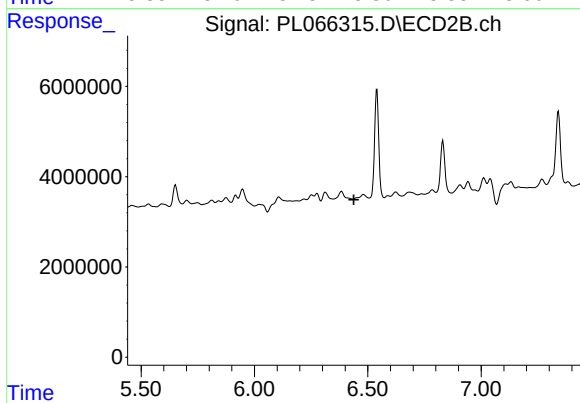
#7 delta-BHC

R.T.: 5.275 min  
Delta R.T.: 0.025 min  
Response: 8146753  
Conc: 1.58 ng/ml



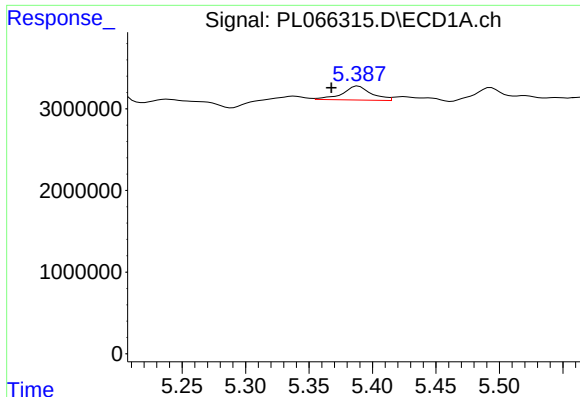
#9 Endosulfan I

R.T.: 5.493 min  
Delta R.T.: 0.017 min  
Response: 1671130  
Conc: 0.47 ng/ml



#9 Endosulfan I

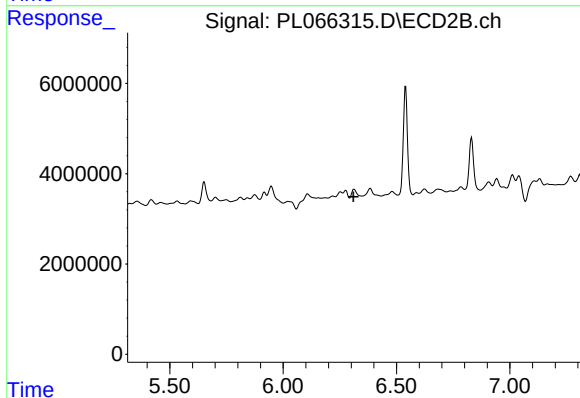
R.T.: 0.000 min  
Exp R.T.: 6.438 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

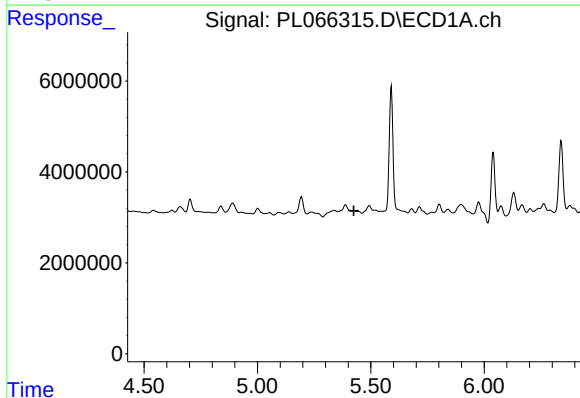
R.T.: 5.389 min  
Delta R.T.: 0.021 min  
Response: 2710937  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



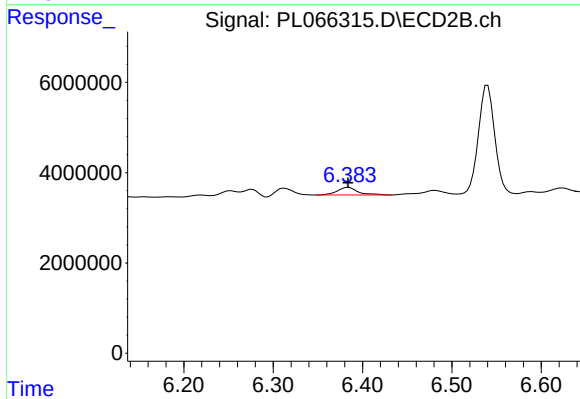
#10 gamma-Chlordane

R.T.: 6.313 min  
Delta R.T.: 0.002 min  
Response: -281628  
Conc: N.D.



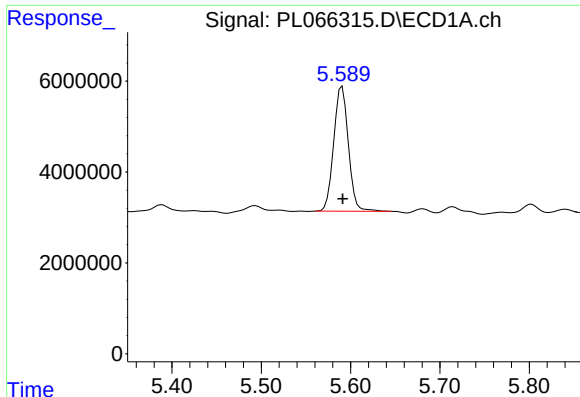
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.426 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

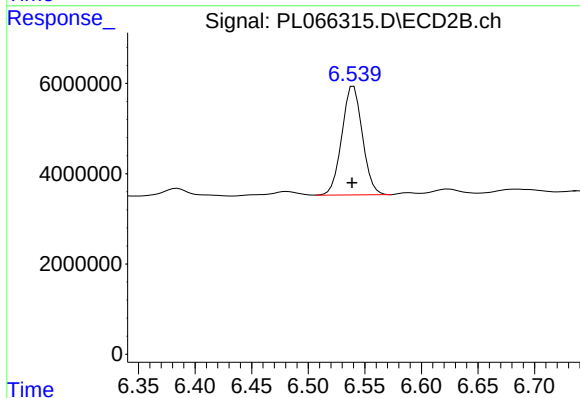
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 2737459  
Conc: 0.61 ng/ml



#12 4,4'-DDE

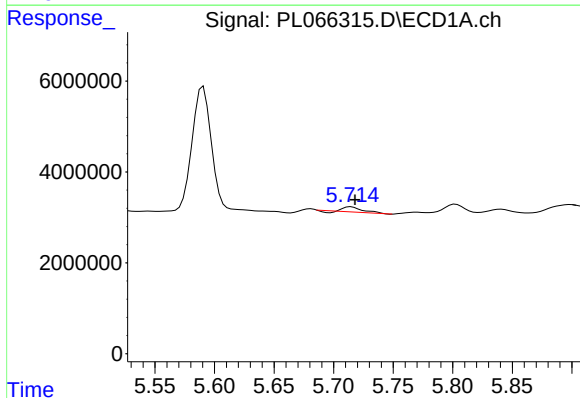
R.T.: 5.591 min  
Delta R.T.: 0.000 min  
Response: 31320442  
Conc: 8.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



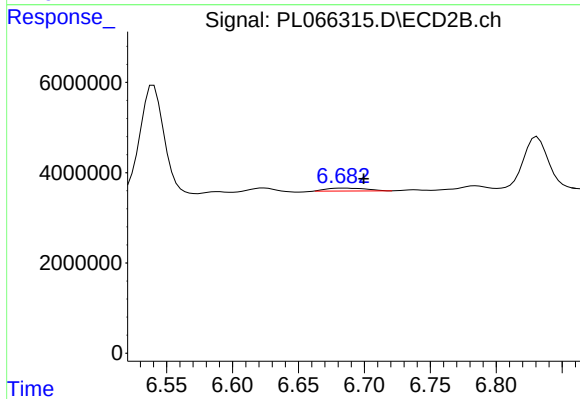
#12 4,4'-DDE

R.T.: 6.540 min  
Delta R.T.: 0.001 min  
Response: 30473082  
Conc: 7.36 ng/ml



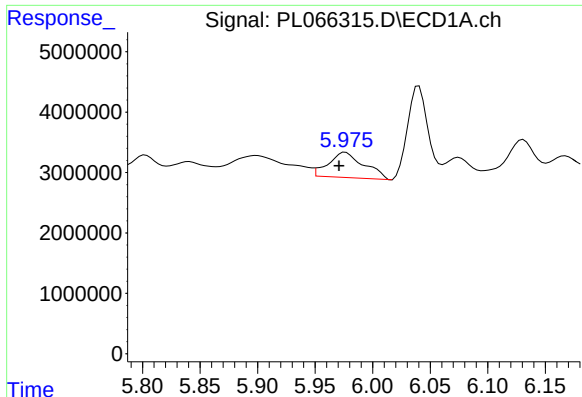
#13 Dieldrin

R.T.: 5.715 min  
Delta R.T.: -0.003 min  
Response: 1170682  
Conc: 0.29 ng/ml



#13 Dieldrin

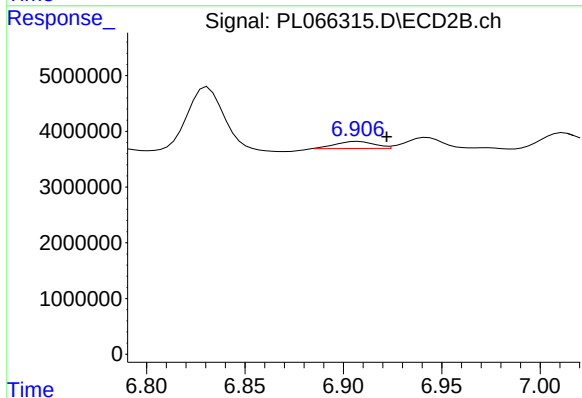
R.T.: 6.683 min  
Delta R.T.: -0.016 min  
Response: 1344329  
Conc: 0.32 ng/ml



#14 Endrin

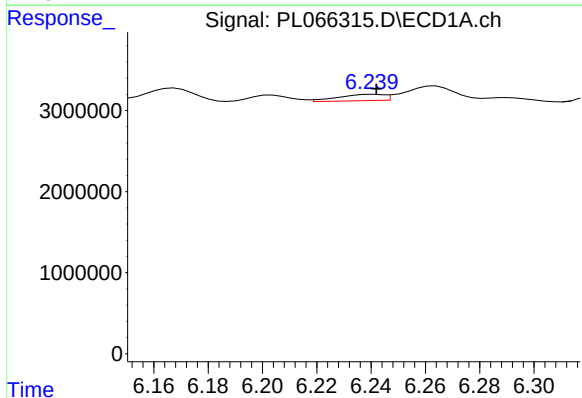
R.T.: 5.976 min  
Delta R.T.: 0.005 min  
Response: 8986291  
Conc: 2.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



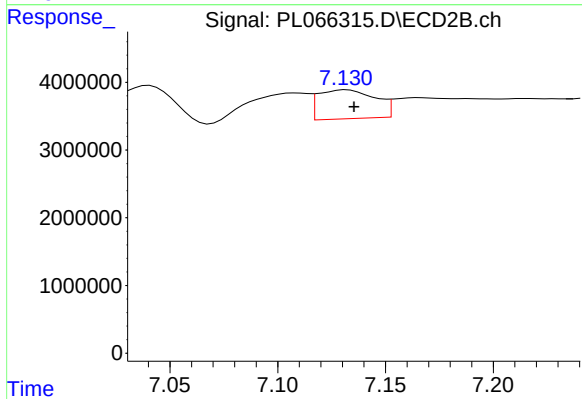
#14 Endrin

R.T.: 6.907 min  
Delta R.T.: -0.015 min  
Response: 1746394  
Conc: 0.54 ng/ml



#15 Endosulfan II

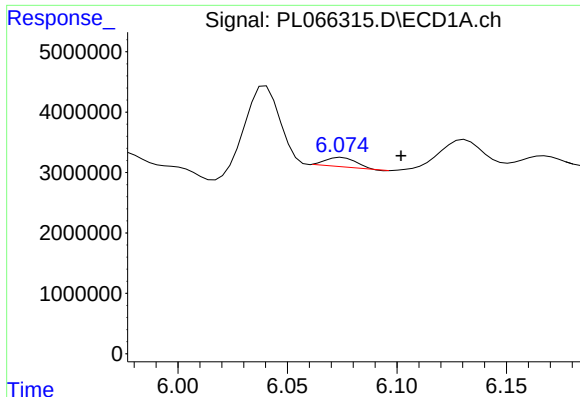
R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 907299  
Conc: 0.28 ng/ml



#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: -0.003 min  
Response: 7846474  
Conc: 2.25 ng/ml

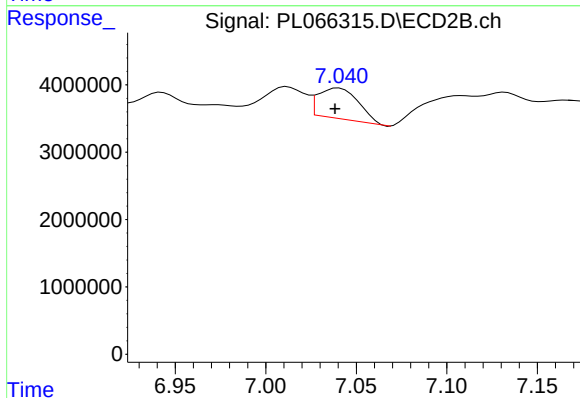




#16 4,4'-DDD

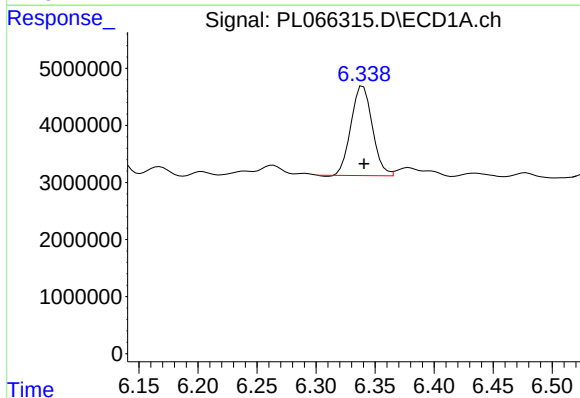
R.T.: 6.075 min  
Delta R.T.: -0.027 min  
Response: 1518957  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



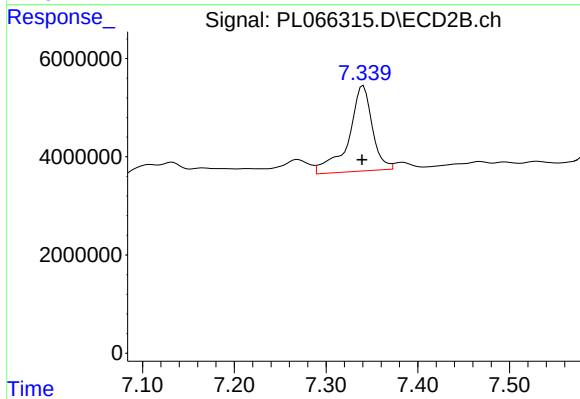
#16 4,4'-DDD

R.T.: 7.040 min  
Delta R.T.: 0.002 min  
Response: 7026761  
Conc: 2.05 ng/ml



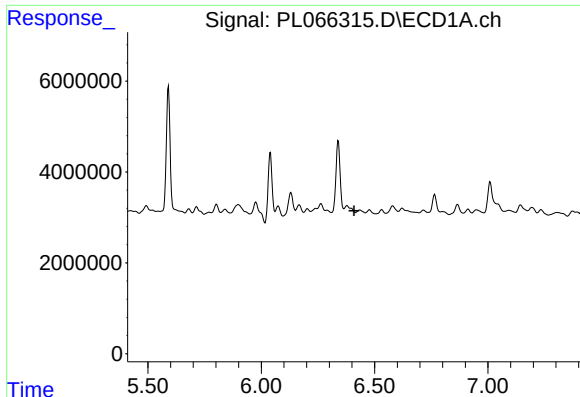
#17 4,4'-DDT

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 19736400  
Conc: 6.19 ng/ml



#17 4,4'-DDT

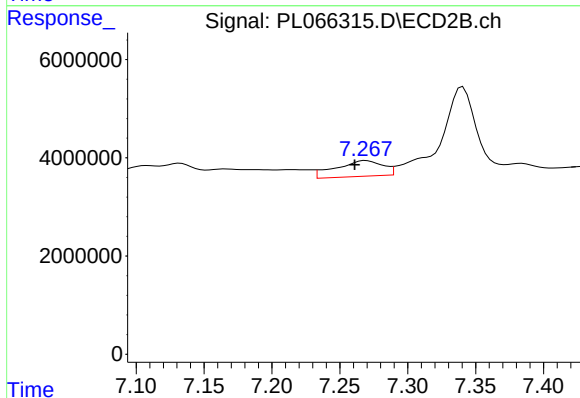
R.T.: 7.341 min  
Delta R.T.: 0.001 min  
Response: 31144835  
Conc: 9.18 ng/ml



#18 Endrin aldehyde

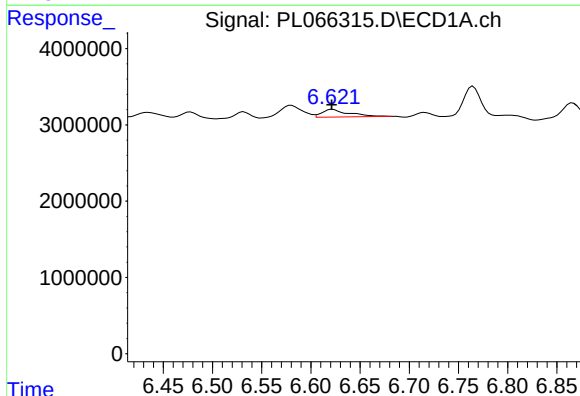
R.T.: 0.000 min  
Exp R.T.: 6.409 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



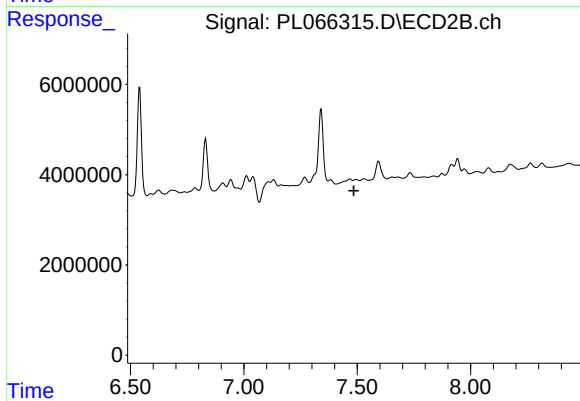
#18 Endrin aldehyde

R.T.: 7.269 min  
Delta R.T.: 0.008 min  
Response: 7715990  
Conc: 2.76 ng/ml



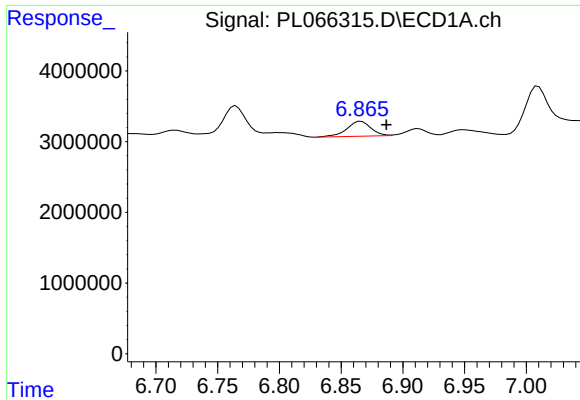
#19 Endosulfan Sulfate

R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 1906808  
Conc: 0.55 ng/ml



#19 Endosulfan Sulfate

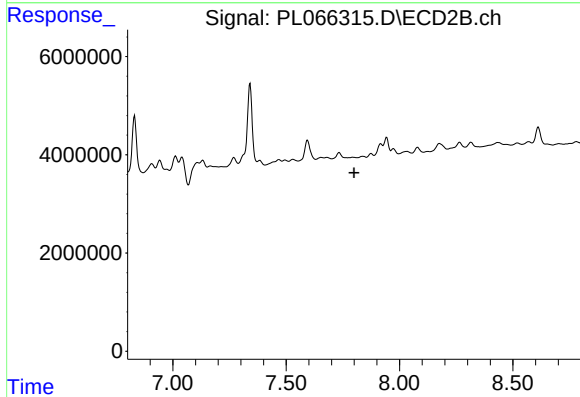
R.T.: 0.000 min  
Exp R.T.: 7.485 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

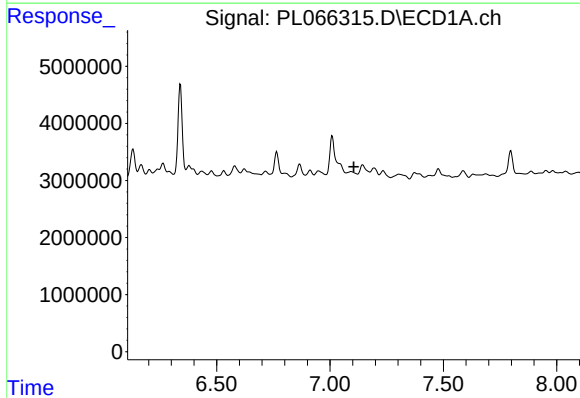
R.T.: 6.866 min  
Delta R.T.: -0.020 min  
Response: 2885878  
Conc: 1.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



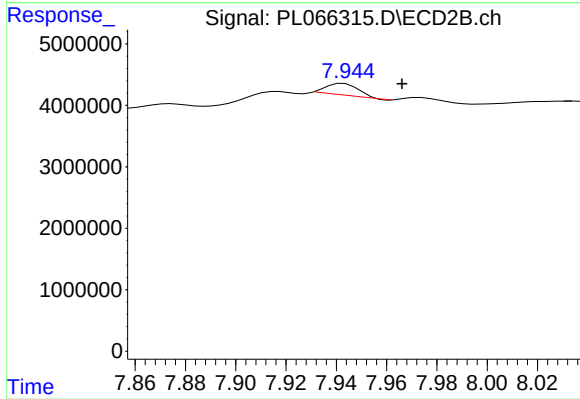
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.799 min  
Response: 0  
Conc: N.D.



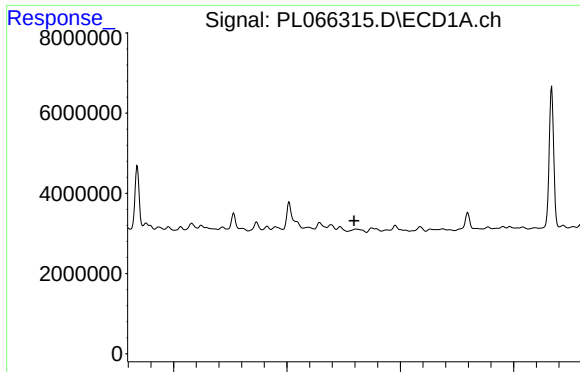
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.105 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

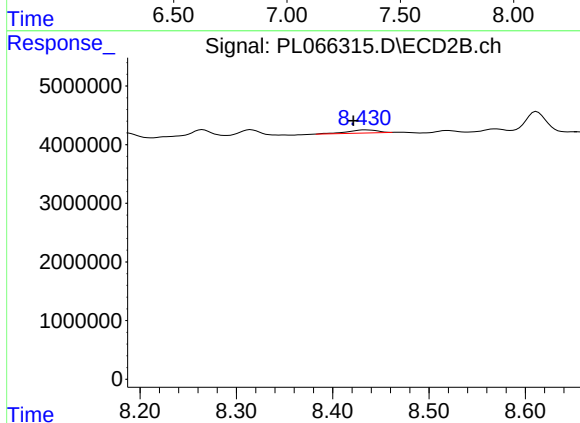
R.T.: 7.943 min  
Delta R.T.: -0.023 min  
Response: 1668312  
Conc: 0.45 ng/ml



#22 Mirex

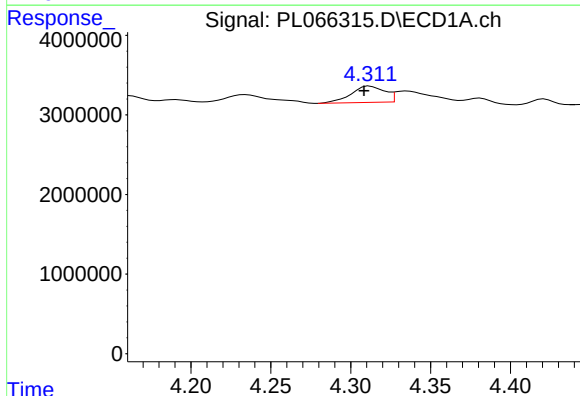
R.T.: 0.000 min  
Exp R.T.: 7.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



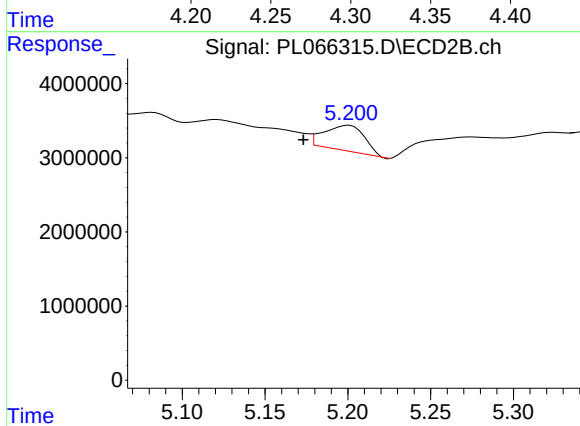
#22 Mirex

R.T.: 8.433 min  
Delta R.T.: 0.012 min  
Response: 1116323  
Conc: 0.39 ng/ml



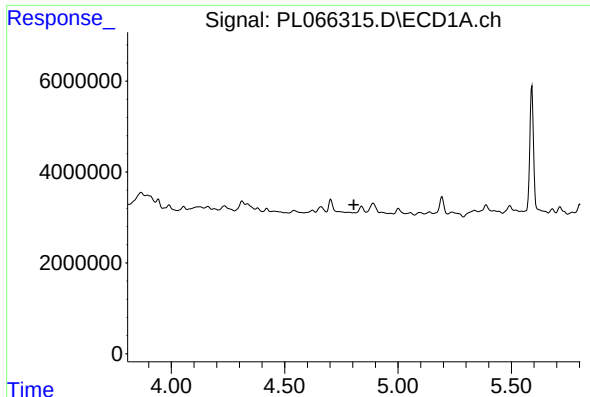
#23 Chlordane-1

R.T.: 4.312 min  
Delta R.T.: 0.004 min  
Response: 2988036  
Conc: 26.14 ng/ml



#23 Chlordane-1

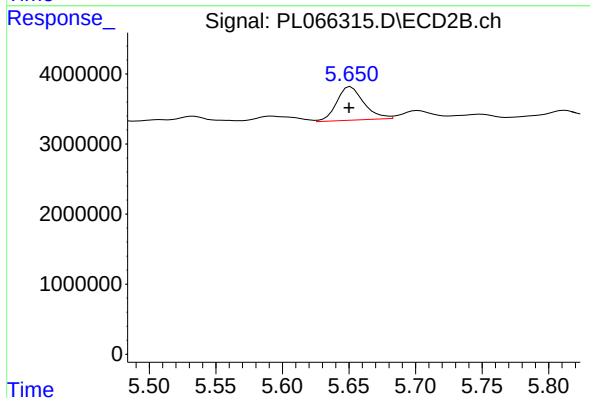
R.T.: 5.201 min  
Delta R.T.: 0.028 min  
Response: 5833962  
Conc: 33.93 ng/ml



#24 Chlordane-2

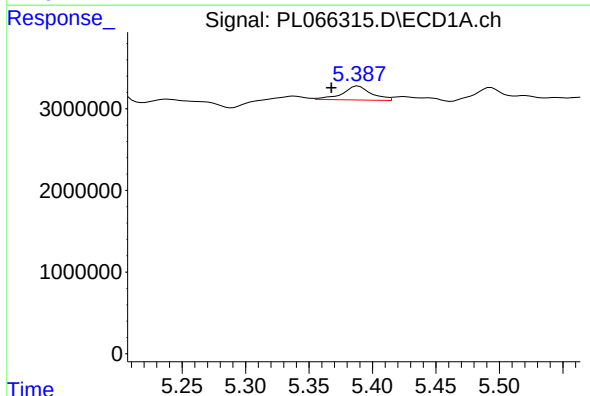
R.T.: 0.000 min  
Exp R.T.: 4.805 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



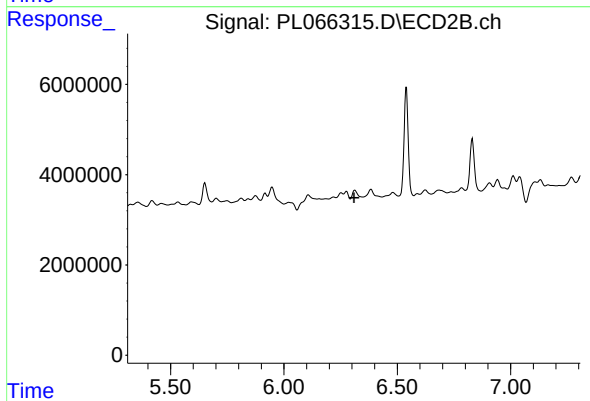
#24 Chlordane-2

R.T.: 5.651 min  
Delta R.T.: 0.001 min  
Response: 6756470  
Conc: 38.40 ng/ml



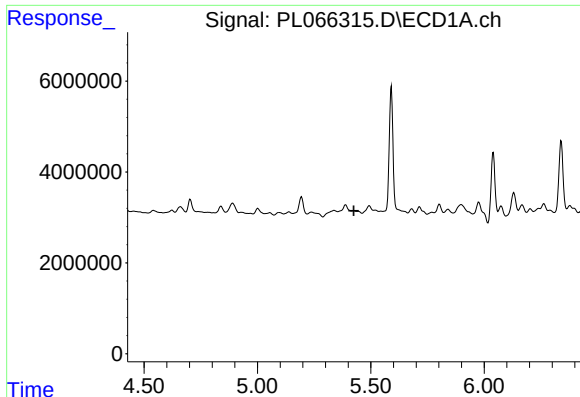
#25 Chlordane-3

R.T.: 5.389 min  
Delta R.T.: 0.021 min  
Response: 2710937  
Conc: 7.46 ng/ml



#25 Chlordane-3

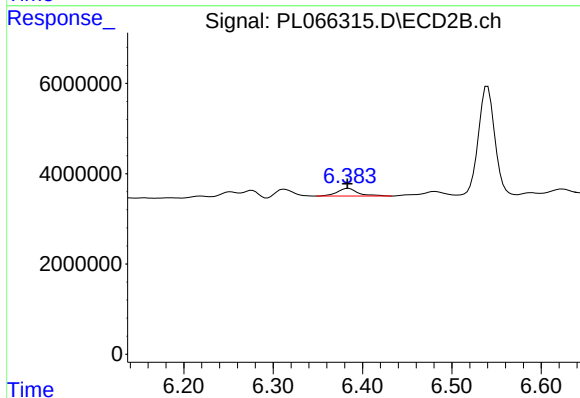
R.T.: 6.313 min  
Delta R.T.: 0.003 min  
Response: -281628  
Conc: N.D.



#26 Chlordane-4

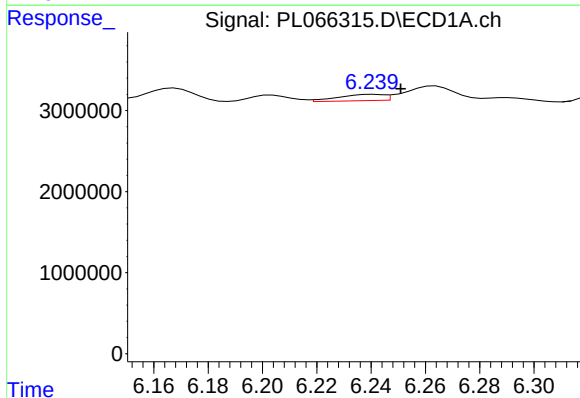
R.T.: 0.000 min  
Exp R.T.: 5.425 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



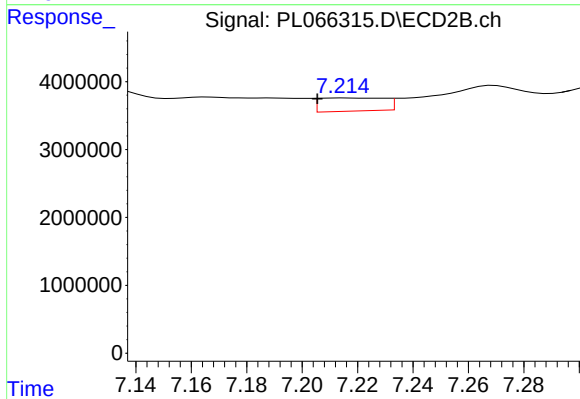
#26 Chlordane-4

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 2737459  
Conc: 3.48 ng/ml



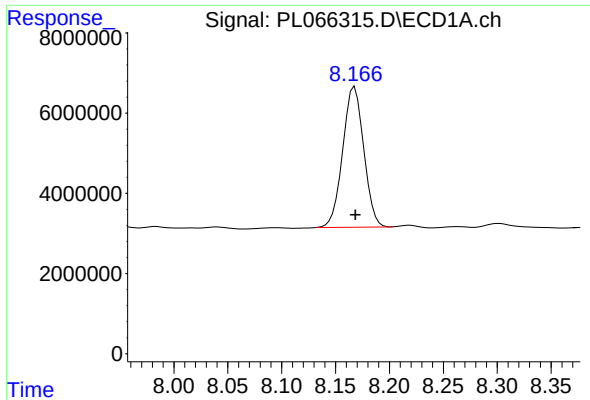
#27 Chlordane-5

R.T.: 6.241 min  
Delta R.T.: -0.010 min  
Response: 907299  
Conc: 6.42 ng/ml



#27 Chlordane-5

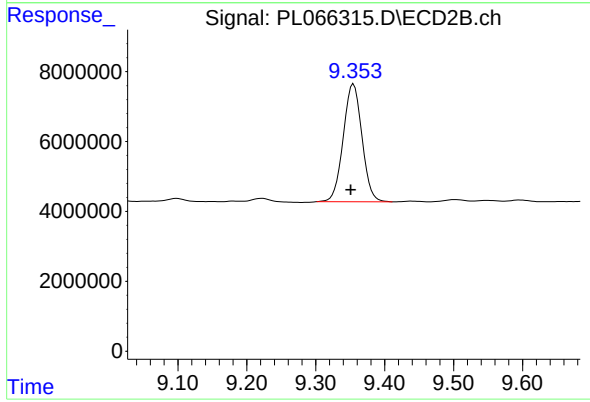
R.T.: 7.215 min  
Delta R.T.: 0.010 min  
Response: 3178741  
Conc: 23.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.168 min  
Delta R.T.: 0.000 min  
Response: 47663334  
Conc: 19.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.355 min  
Delta R.T.: 0.004 min  
Response: 63780077  
Conc: 19.53 ng/ml