

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
 Data File : PL089315.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2024 13:50  
 Operator : AR\AJ  
 Sample : P2340-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 VNJ-207

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 22:59:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.551  | 2.797  | 29097192 | 16831915 | 14.450 | 13.119   |
| 28)                         | SA Decachlor... | 9.067  | 7.949  | 18887842 | 17981174 | 13.501 | 13.367   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.987f | 3.292  | 94811    | 3072     | 0.033  | 0.002 #  |
| 3)                          | MA gamma-BHC... | 4.333  | 3.654f | 137467   | 119562   | 0.049  | 0.065 #  |
| 4)                          | MA Heptachlor   | 4.928  | 3.975  | 955357   | 392583   | 0.385  | 0.224 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.256  | 0        | 422620   | N.D.   | 0.239 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.941  | 0        | 185227   | N.D.   | 0.227 #  |
| 7)                          | B delta-BHC     | 4.782  | 4.159  | 355315   | 191933   | 0.134  | 0.107    |
| 8)                          | B Heptachlo...  | 5.691  | 4.770  | 1028560  | 1782     | 0.439  | 0.001 #  |
| 10)                         | B gamma-Chl...  | 5.954  | 5.034f | 6431919  | 8399981  | 2.814  | 5.119 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 5.074  | 18262863 | 5417325  | 8.029  | 3.285 #  |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.263  | 10455220 | 6818024  | 5.167  | 4.689    |
| 13)                         | MA Dieldrin     | 6.353  | 5.397  | 135197   | 1181894  | 0.060  | 0.735 #  |
| 14)                         | MA Endrin       | 6.585  | 5.681  | 438244   | 779403   | 0.231  | 0.542 #  |
| 15)                         | B Endosulfa...  | 6.796  | 5.969  | 76543    | 2847832  | 0.038  | 1.980 #  |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.817  | 2359882  | 587926   | 1.399  | 0.477 #  |
| 17)                         | MA 4,4'-DDT     | 7.034  | 6.068  | 6990912  | 3604660  | 3.802  | 2.664 #  |
| 19)                         | B Endosulfa...  | 7.176  | 6.364  | 346377   | 358466   | 0.191  | 0.258 #  |
| 20)                         | A Methoxychlor  | 7.510  | 6.620f | 355394   | 701183   | 0.361  | 0.877 #  |
| 21)                         | B Endrin ke...  | 7.668f | 0.000  | 55412    | 0        | 0.028  | N.D. #   |
| 22)                         | Mirex           | 8.100f | 7.059  | 58129    | 85834    | 0.037  | 0.063 #  |
| 23)                         | Chlordane-1     | 4.714  | 3.800  | 1442788  | 1610067  | 15.803 | 32.724 # |
| 24)                         | Chlordane-2     | 5.239  | 4.382  | 8942229  | 4422694  | 85.088 | 69.523   |
| 25)                         | Chlordane-3     | 5.954  | 5.034f | 6431919  | 8399981  | 19.475 | 49.059 # |
| 26)                         | Chlordane-4     | 6.036  | 5.074  | 18262863 | 5417325  | 44.803 | 33.680   |
| 27)                         | Chlordane-5     | 6.883  | 5.739  | -210560  | 966466   | N.D.   | 18.884   |
| -----                       |                 |        |        |          |          |        |          |

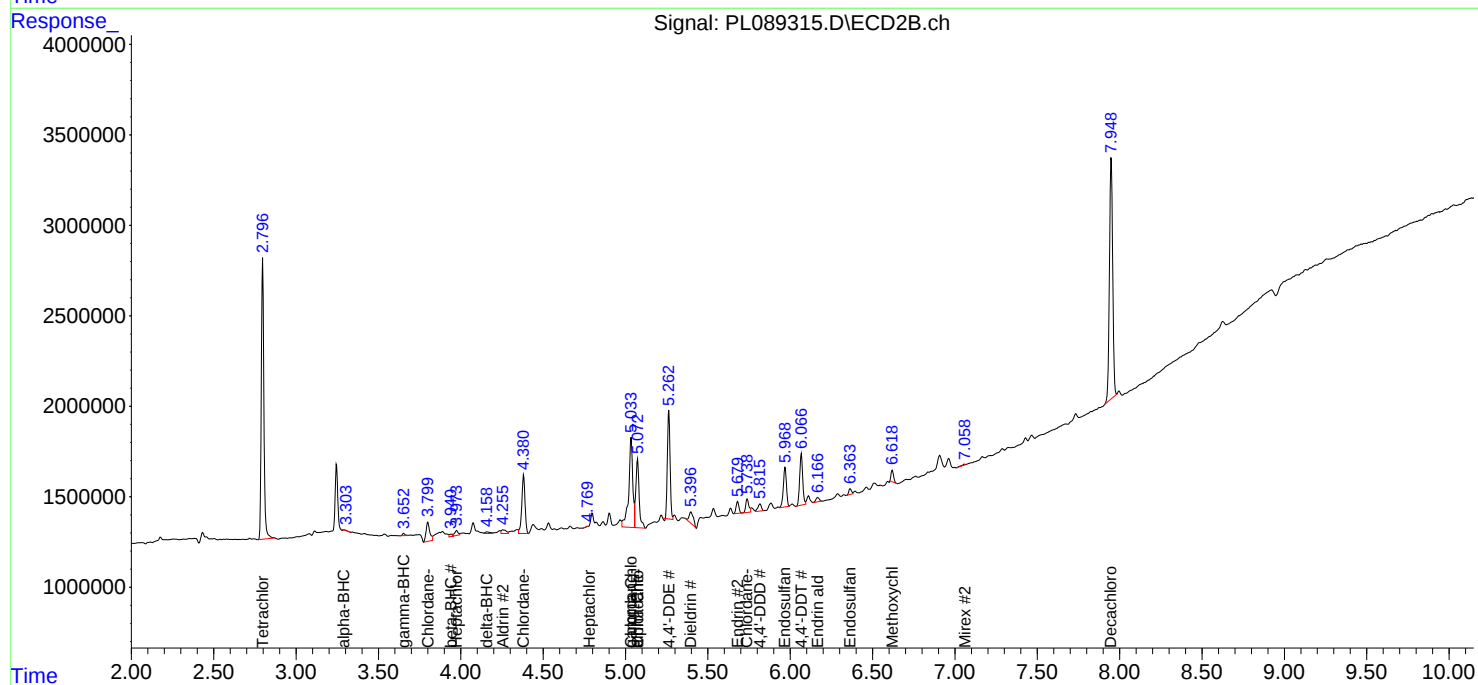
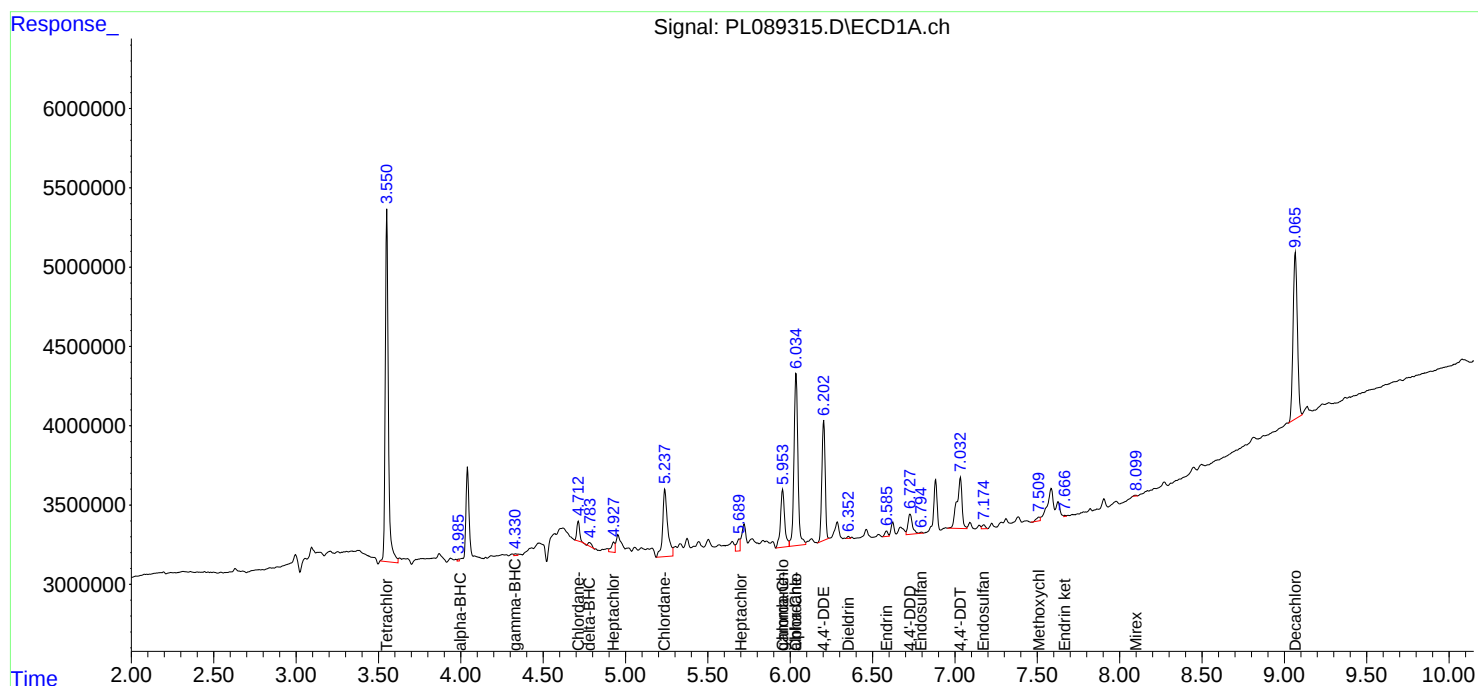
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

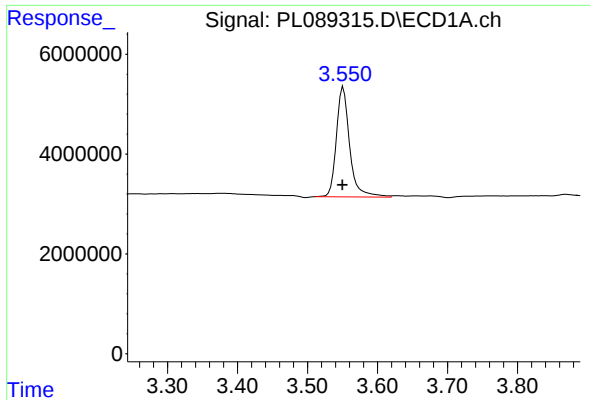
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
Data File : PL089315.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2024 13:50  
Operator : AR\AJ  
Sample : P2340-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 22:59:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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

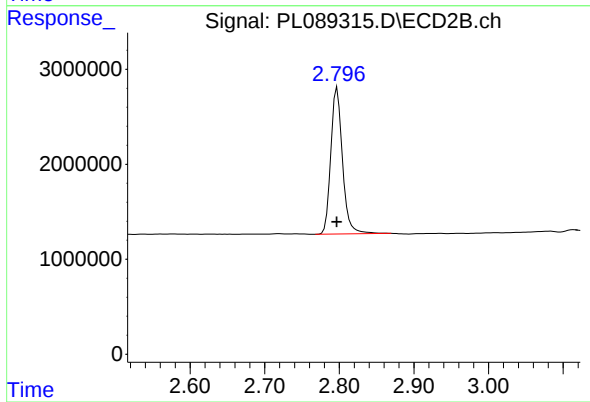




#1 Tetrachloro-m-xylene

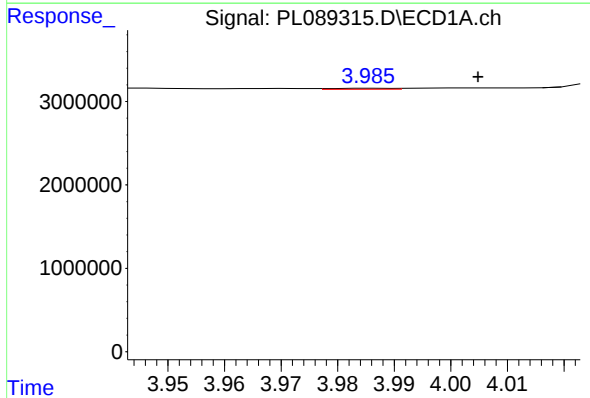
R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 29097192  
Conc: 14.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



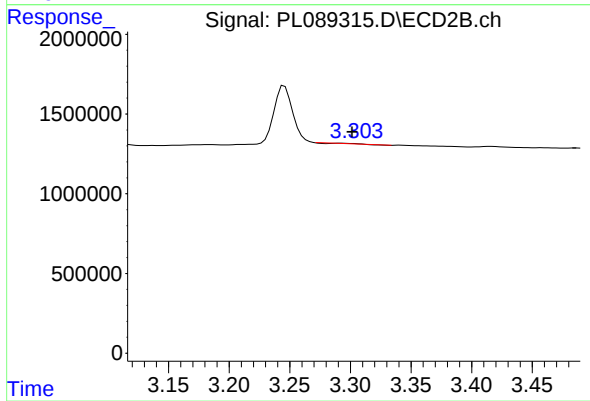
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 16831915  
Conc: 13.12 ng/ml



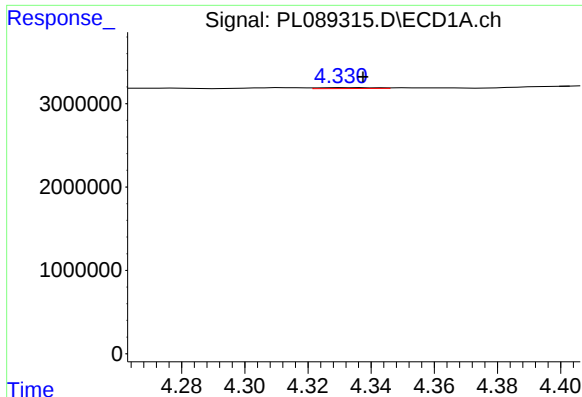
#2 alpha-BHC

R.T.: 3.987 min  
Delta R.T.: -0.018 min  
Response: 94811  
Conc: 0.03 ng/ml



#2 alpha-BHC

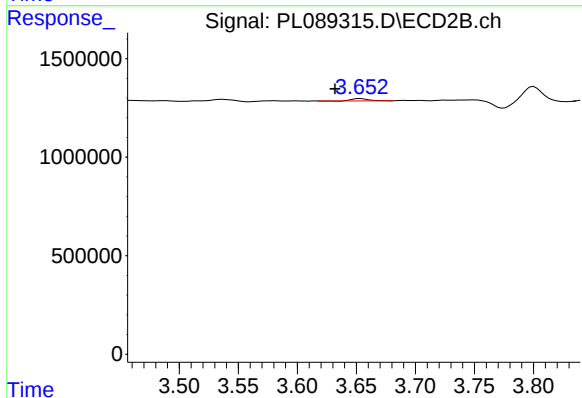
R.T.: 3.292 min  
Delta R.T.: -0.010 min  
Response: 3072  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

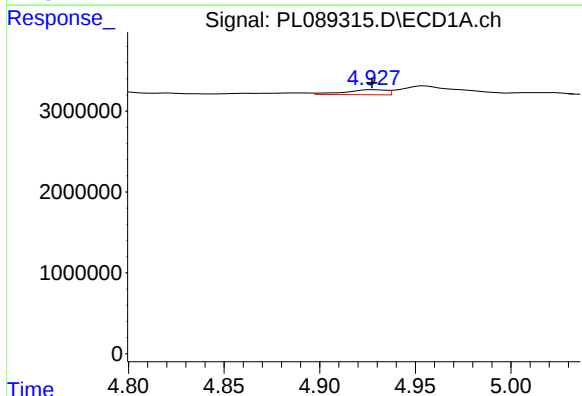
R.T.: 4.333 min  
Delta R.T.: -0.005 min  
Response: 137467  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



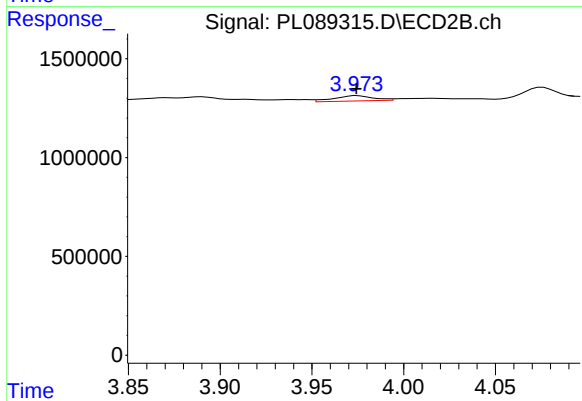
#3 gamma-BHC (Lindane)

R.T.: 3.654 min  
Delta R.T.: 0.022 min  
Response: 119562  
Conc: 0.06 ng/ml



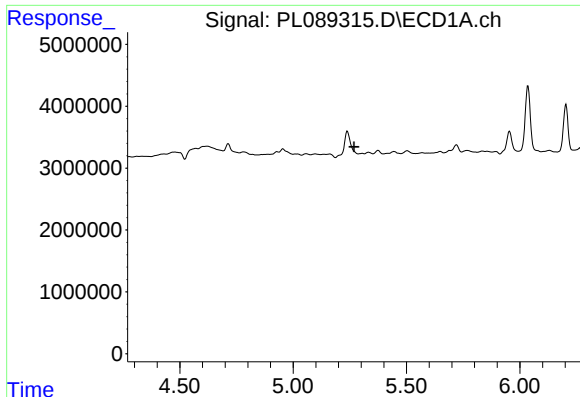
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 955357  
Conc: 0.39 ng/ml



#4 Heptachlor

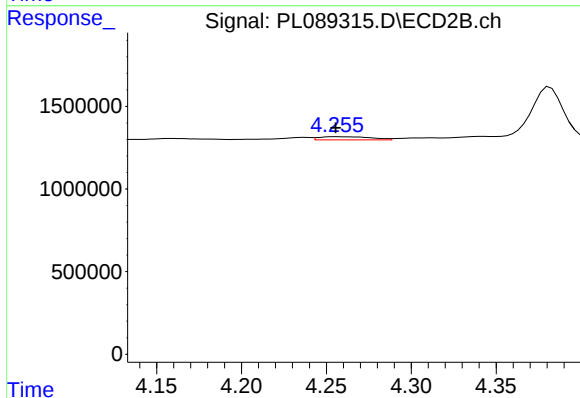
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 392583  
Conc: 0.22 ng/ml



#5 Aldrin

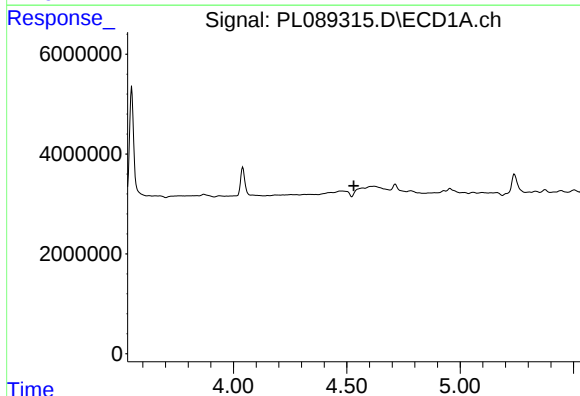
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



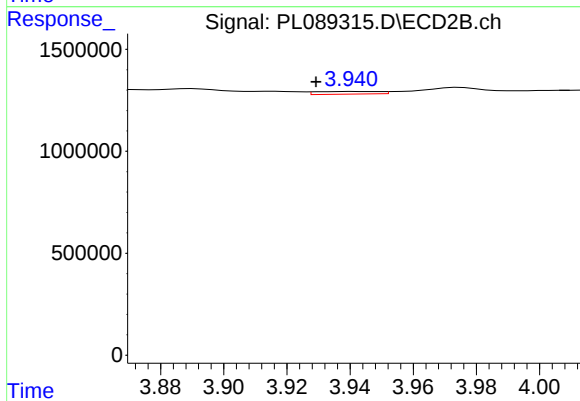
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 422620  
Conc: 0.24 ng/ml



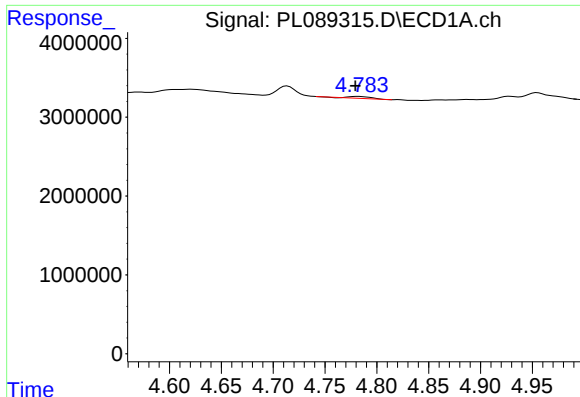
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

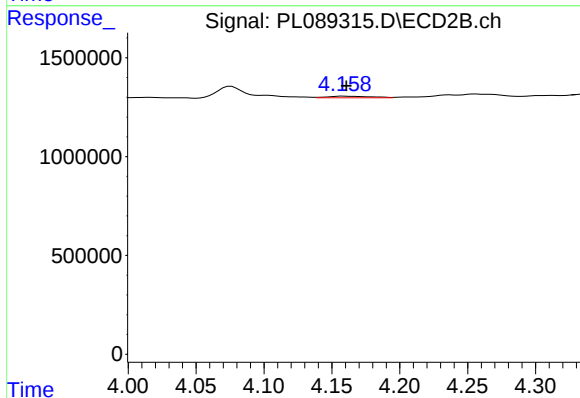
R.T.: 3.941 min  
Delta R.T.: 0.012 min  
Response: 185227  
Conc: 0.23 ng/ml



#7 delta-BHC

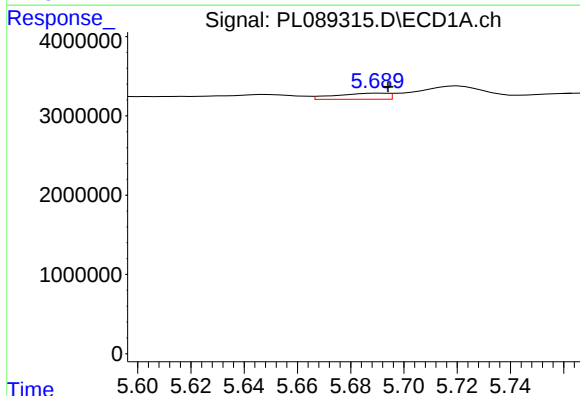
R.T.: 4.782 min  
Delta R.T.: 0.002 min  
Response: 355315  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



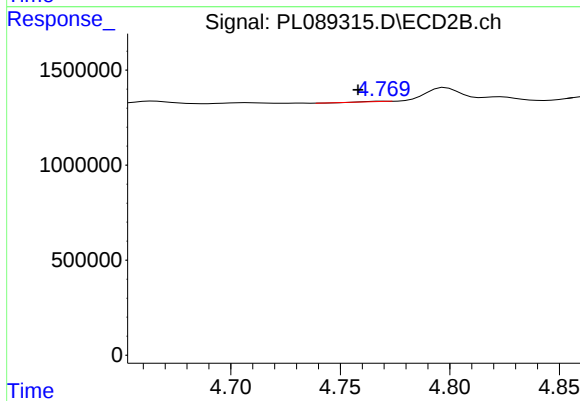
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: -0.001 min  
Response: 191933  
Conc: 0.11 ng/ml



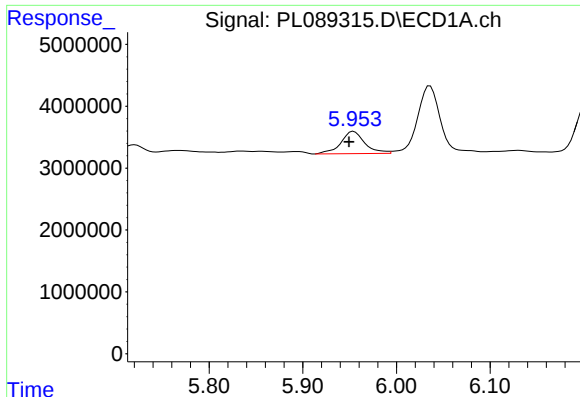
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 1028560  
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

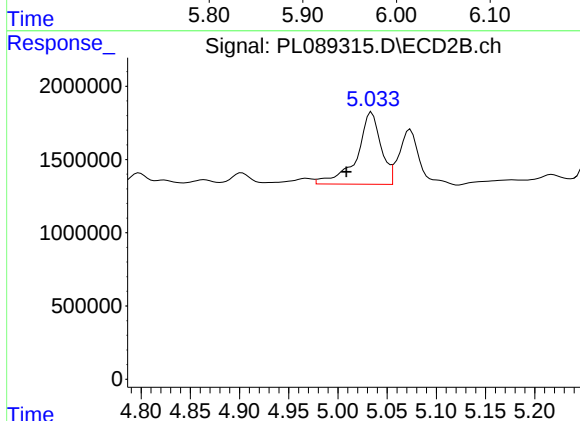
R.T.: 4.770 min  
Delta R.T.: 0.012 min  
Response: 1782  
Conc: 0.00 ng/ml



#10 gamma-Chlordane

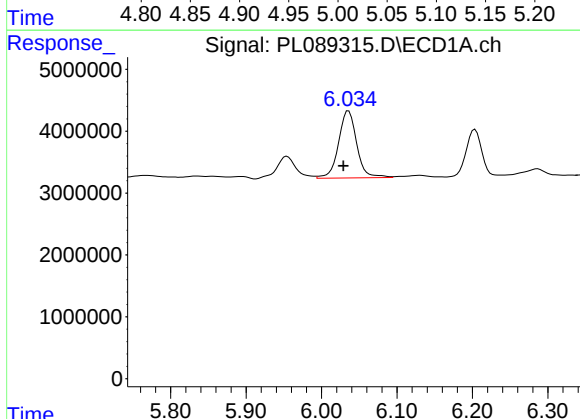
R.T.: 5.954 min  
Delta R.T.: 0.005 min  
Response: 6431919  
Conc: 2.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



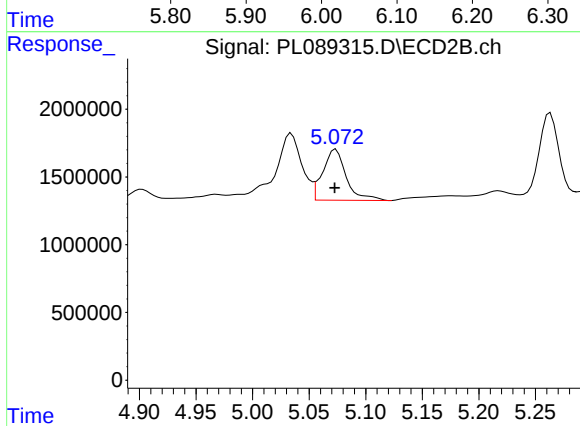
#10 gamma-Chlordane

R.T.: 5.034 min  
Delta R.T.: 0.025 min  
Response: 8399981  
Conc: 5.12 ng/ml



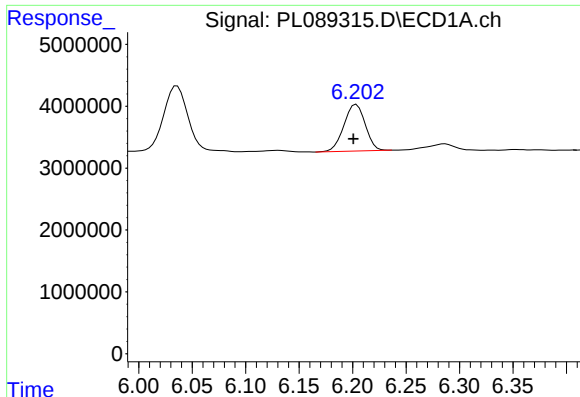
#11 alpha-Chlordane

R.T.: 6.036 min  
Delta R.T.: 0.007 min  
Response: 18262863  
Conc: 8.03 ng/ml



#11 alpha-Chlordane

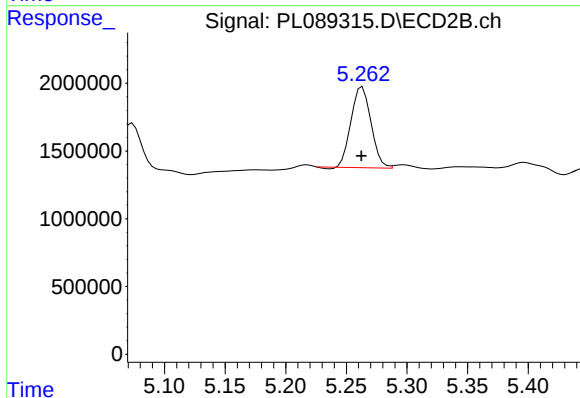
R.T.: 5.074 min  
Delta R.T.: 0.001 min  
Response: 5417325  
Conc: 3.28 ng/ml



#12 4,4'-DDE

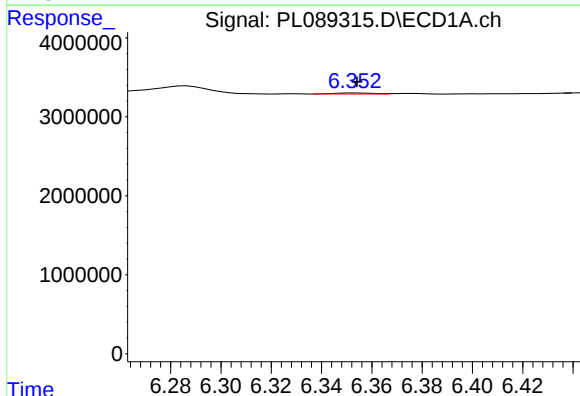
R.T.: 6.204 min  
Delta R.T.: 0.003 min  
Response: 10455220  
Conc: 5.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



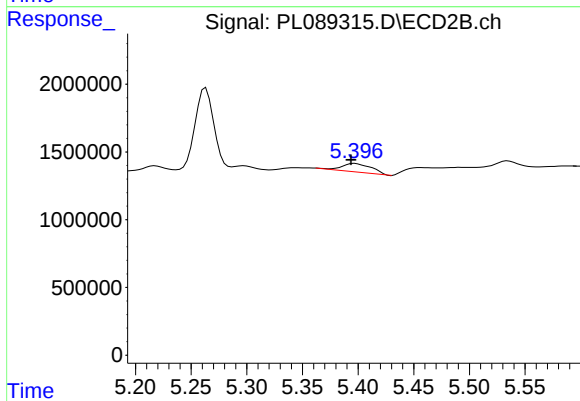
#12 4,4'-DDE

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 6818024  
Conc: 4.69 ng/ml



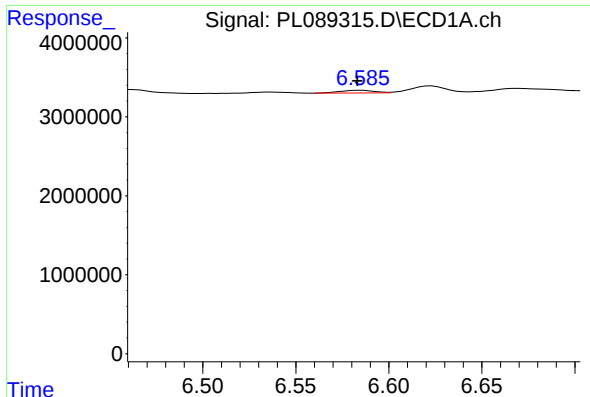
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 135197  
Conc: 0.06 ng/ml



#13 Dieldrin

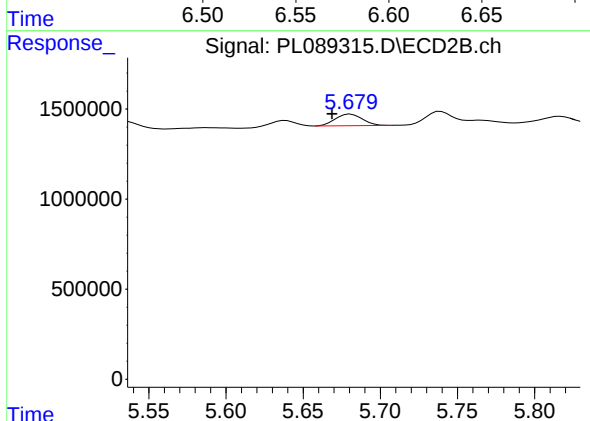
R.T.: 5.397 min  
Delta R.T.: 0.003 min  
Response: 1181894  
Conc: 0.73 ng/ml



#14 Endrin

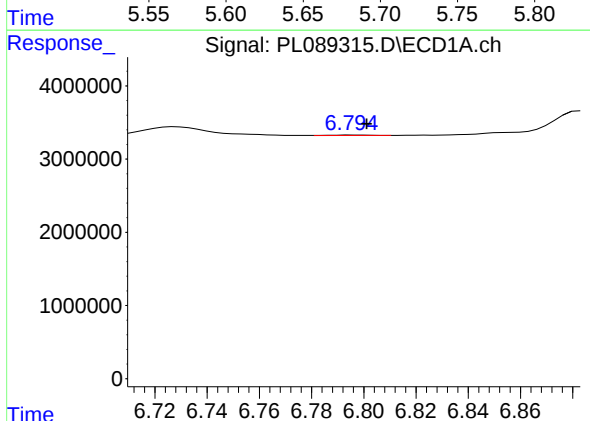
R.T.: 6.585 min  
Delta R.T.: 0.002 min  
Response: 438244  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



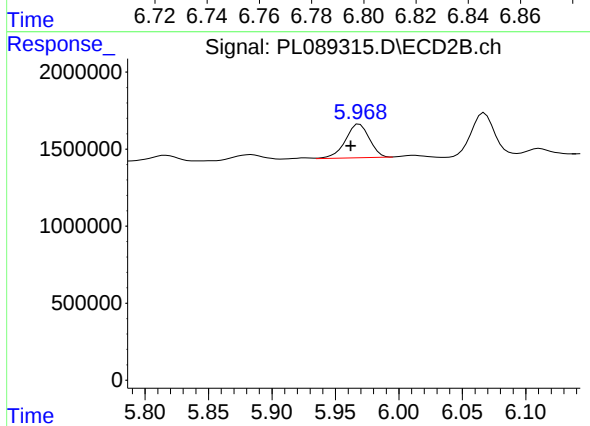
#14 Endrin

R.T.: 5.681 min  
Delta R.T.: 0.012 min  
Response: 779403  
Conc: 0.54 ng/ml



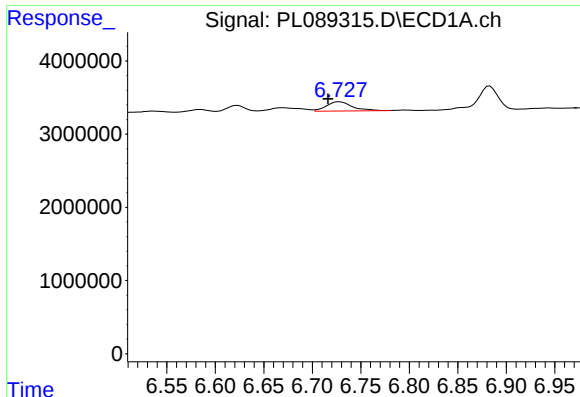
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: -0.005 min  
Response: 76543  
Conc: 0.04 ng/ml



#15 Endosulfan II

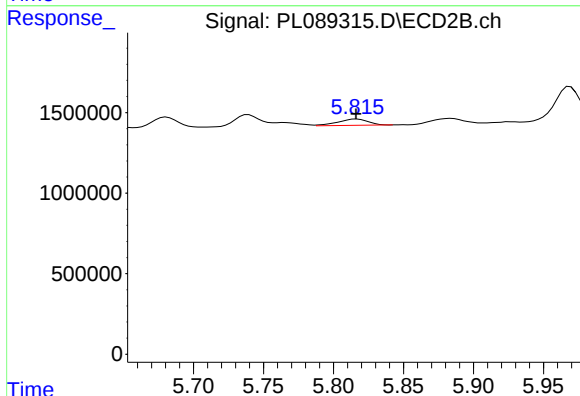
R.T.: 5.969 min  
Delta R.T.: 0.007 min  
Response: 2847832  
Conc: 1.98 ng/ml



#16 4,4'-DDD

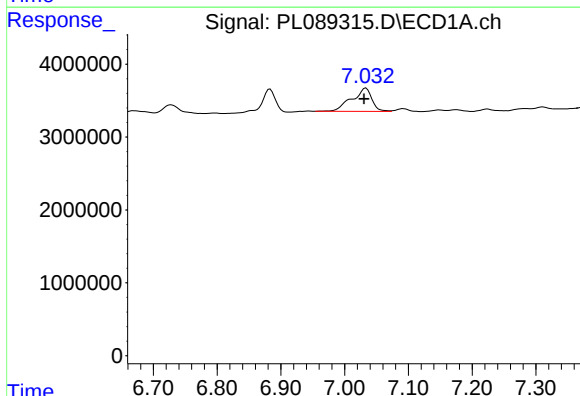
R.T.: 6.728 min  
Delta R.T.: 0.012 min  
Response: 2359882  
Conc: 1.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



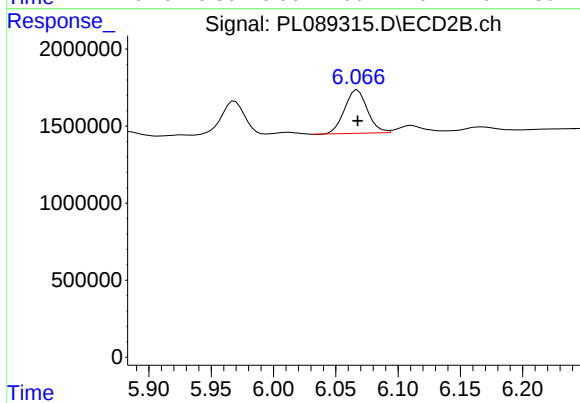
#16 4,4'-DDD

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 587926  
Conc: 0.48 ng/ml



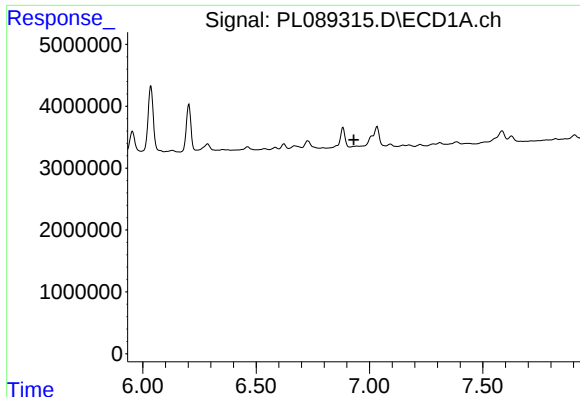
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.003 min  
Response: 6990912  
Conc: 3.80 ng/ml



#17 4,4'-DDT

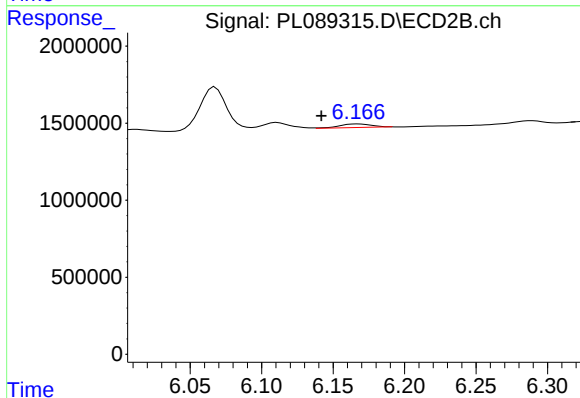
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 3604660  
Conc: 2.66 ng/ml



#18 Endrin aldehyde

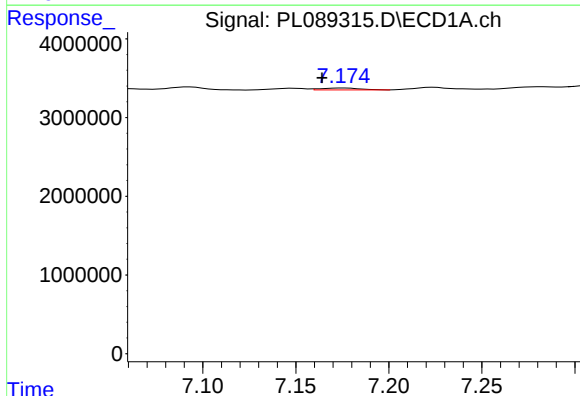
R.T.: 6.945 min  
Delta R.T.: 0.014 min  
Response: -1706005  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



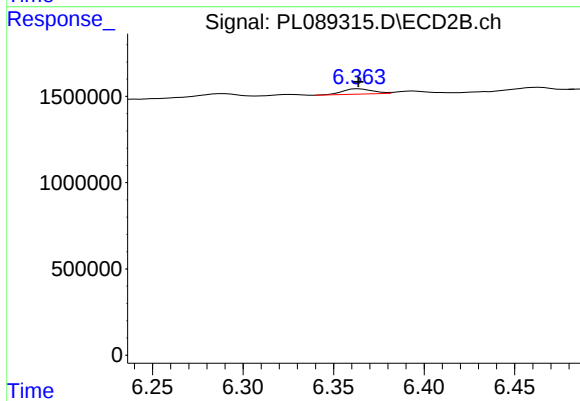
#18 Endrin aldehyde

R.T.: 6.167 min  
Delta R.T.: 0.025 min  
Response: 379042  
Conc: 0.34 ng/ml



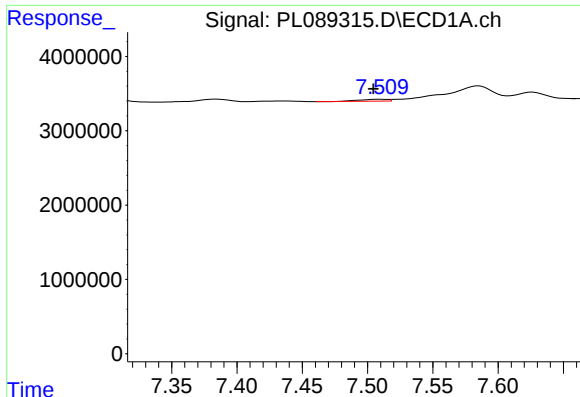
#19 Endosulfan Sulfate

R.T.: 7.176 min  
Delta R.T.: 0.012 min  
Response: 346377  
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

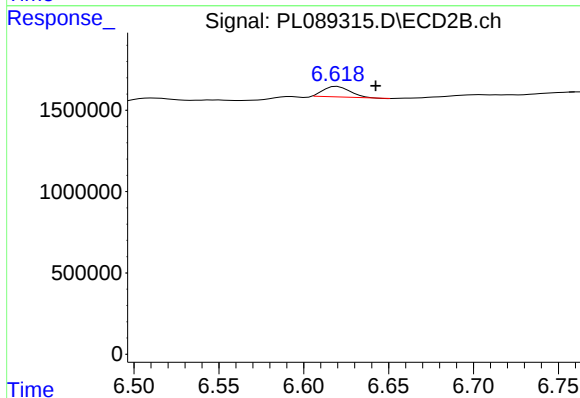
R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 358466  
Conc: 0.26 ng/ml



#20 Methoxychlor

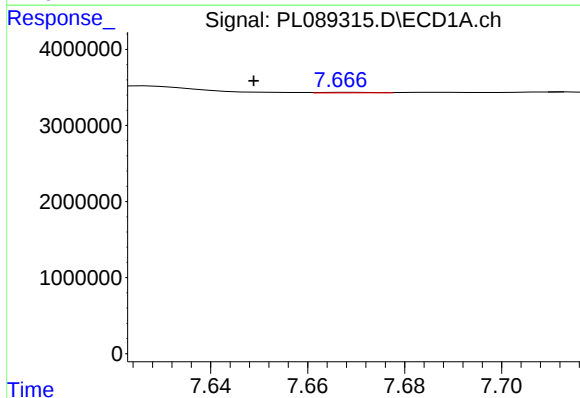
R.T.: 7.510 min  
Delta R.T.: 0.006 min  
Response: 355394  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



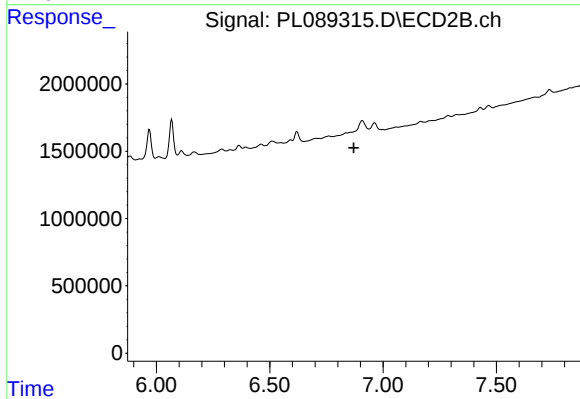
#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.023 min  
Response: 701183  
Conc: 0.88 ng/ml



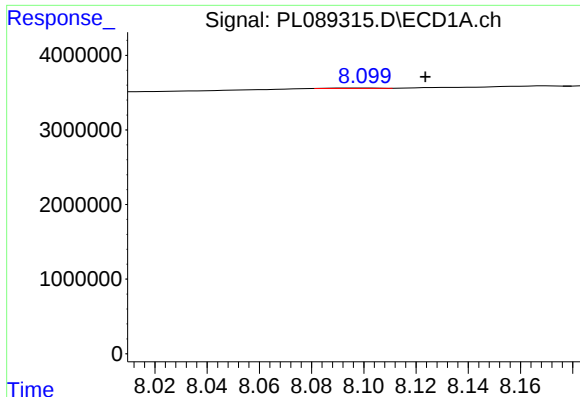
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.019 min  
Response: 55412  
Conc: 0.03 ng/ml



#21 Endrin ketone

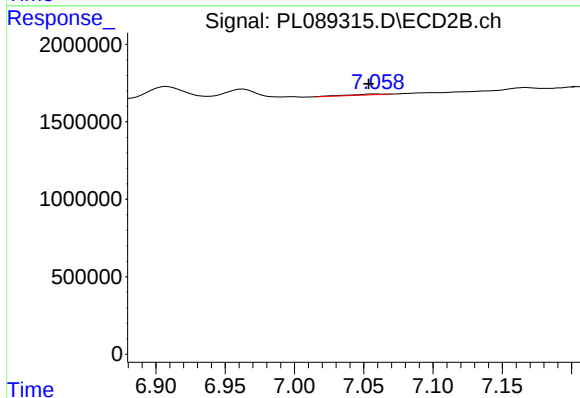
R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#22 Mirex

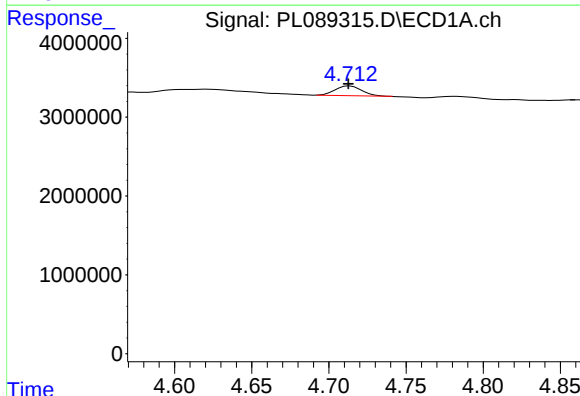
R.T.: 8.100 min  
Delta R.T.: -0.023 min  
Response: 58129  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



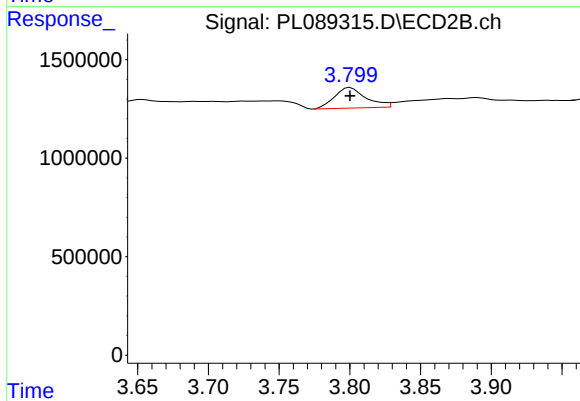
#22 Mirex

R.T.: 7.059 min  
Delta R.T.: 0.005 min  
Response: 85834  
Conc: 0.06 ng/ml



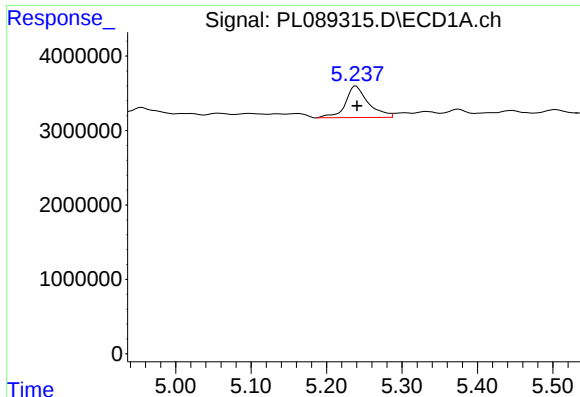
#23 Chlordane-1

R.T.: 4.714 min  
Delta R.T.: 0.001 min  
Response: 1442788  
Conc: 15.80 ng/ml



#23 Chlordane-1

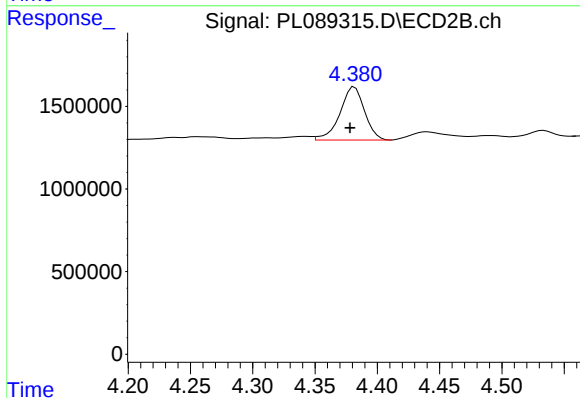
R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 1610067  
Conc: 32.72 ng/ml



#24 Chlordane-2

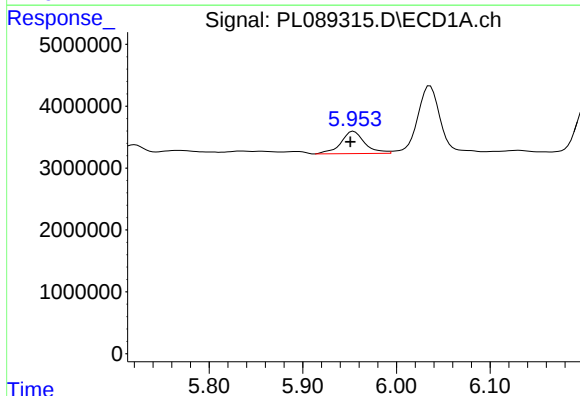
R.T.: 5.239 min  
Delta R.T.: -0.002 min  
Response: 8942229  
Conc: 85.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



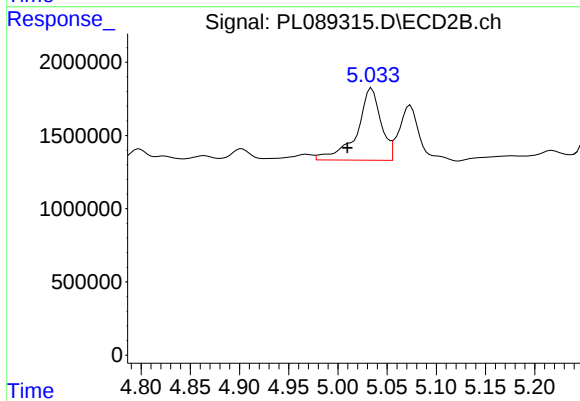
#24 Chlordane-2

R.T.: 4.382 min  
Delta R.T.: 0.004 min  
Response: 4422694  
Conc: 69.52 ng/ml



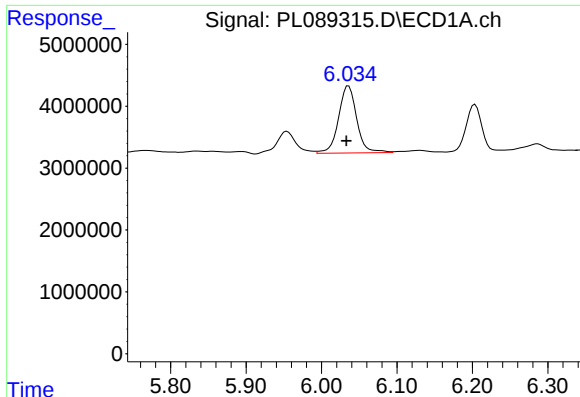
#25 Chlordane-3

R.T.: 5.954 min  
Delta R.T.: 0.004 min  
Response: 6431919  
Conc: 19.48 ng/ml



#25 Chlordane-3

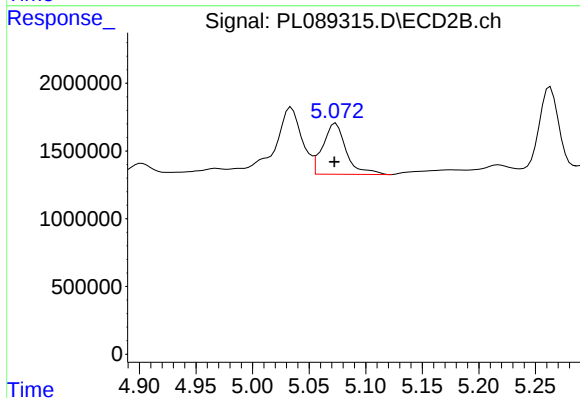
R.T.: 5.034 min  
Delta R.T.: 0.025 min  
Response: 8399981  
Conc: 49.06 ng/ml



#26 Chlordane-4

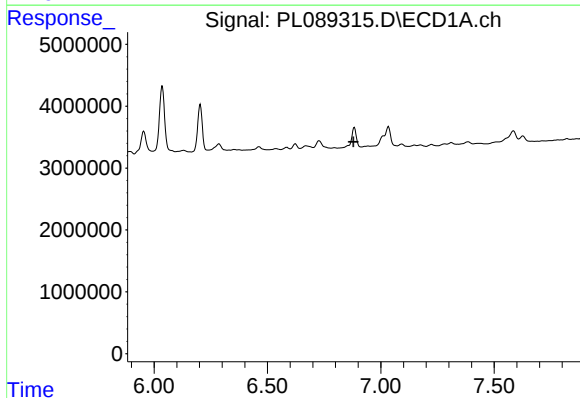
R.T.: 6.036 min  
Delta R.T.: 0.003 min  
Response: 18262863  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



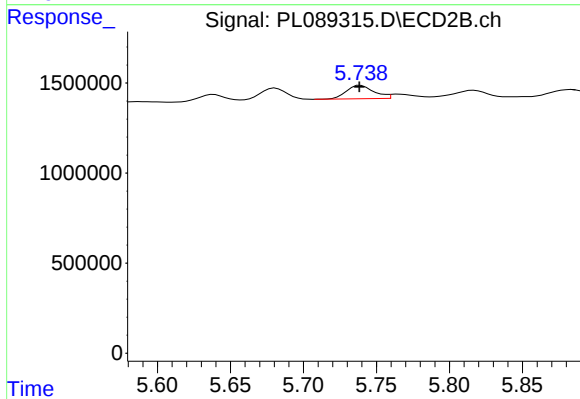
#26 Chlordane-4

R.T.: 5.074 min  
Delta R.T.: 0.001 min  
Response: 5417325  
Conc: 33.68 ng/ml



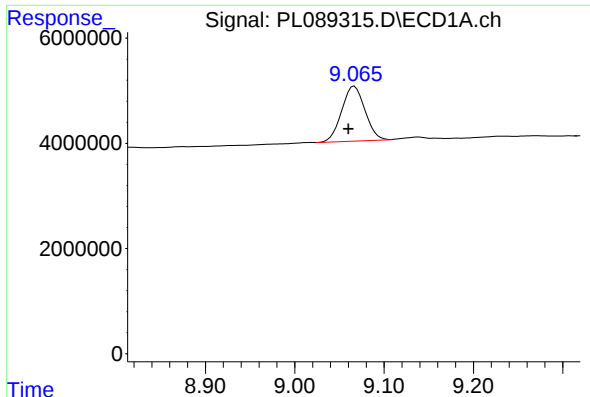
#27 Chlordane-5

R.T.: 6.883 min  
Delta R.T.: 0.003 min  
Response: -210560  
Conc: N.D.



#27 Chlordane-5

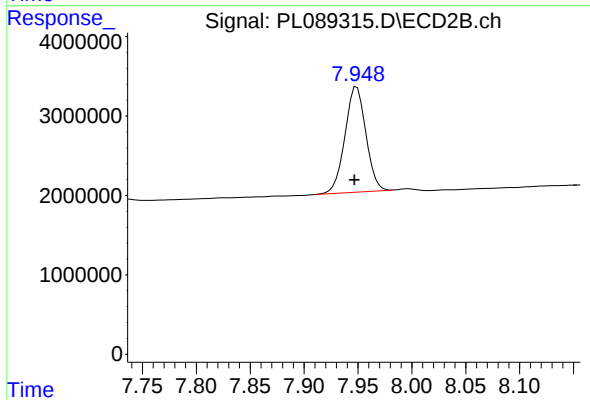
R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 966466  
Conc: 18.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.007 min  
Response: 18887842  
Conc: 13.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ-207



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.002 min  
Response: 17981174  
Conc: 13.37 ng/ml