

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121423\  
 Data File : PL087158.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2023 14:26  
 Operator : AR\AJ  
 Sample : 05805-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HR-01-12122023

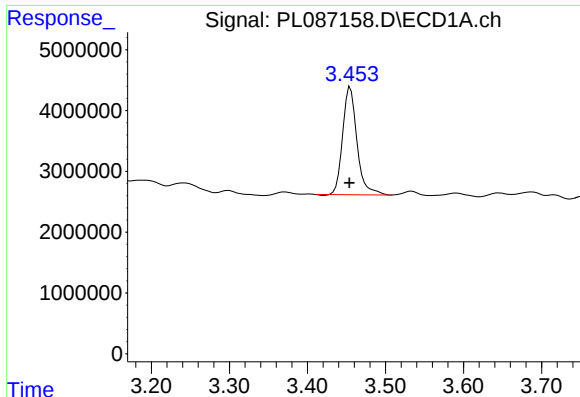
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 21:50:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 12 17:22:26 2023  
 Response via : Initial Calibration  
 Integrator: 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... | 3.455  | 2.722f | 22537437 | 7582667 | 6.177  | 7.677    |
| 2)                          | SA Decachlor... | 9.052  | 7.920f | 26744137 | 8025874 | 8.836  | 7.835    |
| Target Compounds            |                 |        |        |          |         |        |          |
| 2)                          | A alpha-BHC     | 3.901  | 3.194f | 488972   | -1952   | 0.093  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.247  | 3.530  | 62823    | 16802   | 0.013  | 0.013    |
| 4)                          | MA Heptachlor   | 4.823f | 3.891  | 2695248  | 204112  | 0.532  | 0.157 #  |
| 5)                          | MB Aldrin       | 5.170f | 4.164  | 5665361  | 899910  | 1.182  | 0.733 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.835  | 0        | 38588   | N.D.   | 0.065 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.059  | 0        | 582039  | N.D.   | 0.454 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.682  | 0        | 31973   | N.D.   | 0.028 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.064f | 0        | 916990  | N.D.   | 0.754 #  |
| 10)                         | B gamma-Chl...  | 5.870  | 0.000  | 1531153  | 0       | 0.357  | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 5.016f | 0        | 1162676 | N.D.   | 0.924 #  |
| 12)                         | B 4,4'-DDE      | 6.148  | 5.212f | 281308   | -16537  | 0.086  | N.D. #   |
| 14)                         | MA Endrin       | 6.510  | 5.582  | 568693   | 117818  | 0.171  | 0.115 #  |
| 15)                         | B Endosulfa...  | 6.753  | 5.912f | 2311558  | 115425  | 0.638  | 0.118 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.737  | 0        | 56325   | N.D.   | 0.068 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.017  | 0        | 174712  | N.D.   | 0.199 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.097f | 0        | 937577  | N.D.   | 1.177 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.323f | 0        | 26280   | N.D.   | 0.028 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.576  | 0        | 105478  | N.D.   | 0.193 #  |
| 23)                         | Chlordane-1     | 4.648f | 3.723  | 250590   | 23730   | 1.683  | 0.702 #  |
| 24)                         | Chlordane-2     | 5.170  | 4.298  | 5665361  | 1939485 | 35.667 | 45.579 # |
| 25)                         | Chlordane-3     | 5.870  | 0.000  | 1531153  | 0       | 2.521  | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 5.016f | 0        | 1162676 | N.D.   | 8.731 #  |
| -----                       |                 |        |        |          |         |        |          |

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

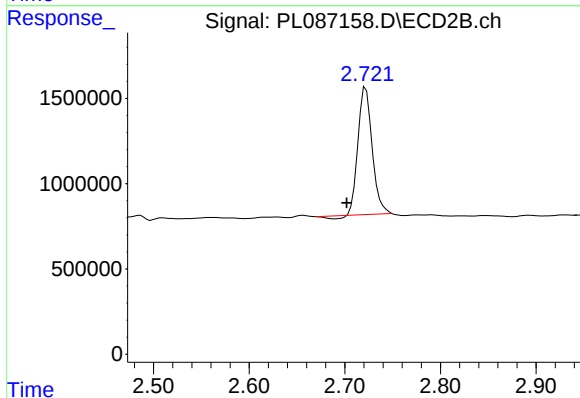




#1 Tetrachloro-m-xylene

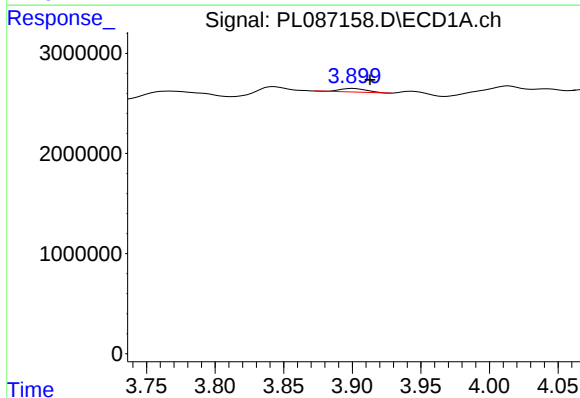
R.T.: 3.455 min  
Delta R.T.: 0.000 min  
Response: 22537437  
Conc: 6.18 ng/ml

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ECD\_L  
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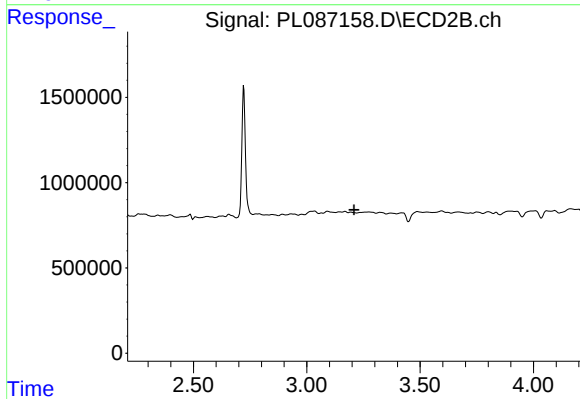
#1 Tetrachloro-m-xylene

R.T.: 2.722 min  
Delta R.T.: 0.020 min  
Response: 7582667  
Conc: 7.68 ng/ml



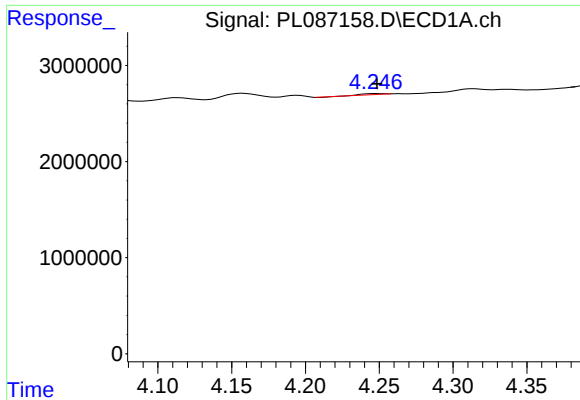
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: -0.012 min  
Response: 488972  
Conc: 0.09 ng/ml



#2 alpha-BHC

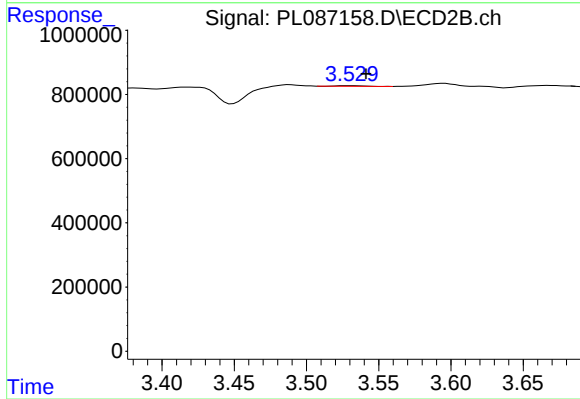
R.T.: 3.194 min  
Delta R.T.: -0.015 min  
Response: -1952  
Conc: N.D.



#3 gamma-BHC (Lindane)

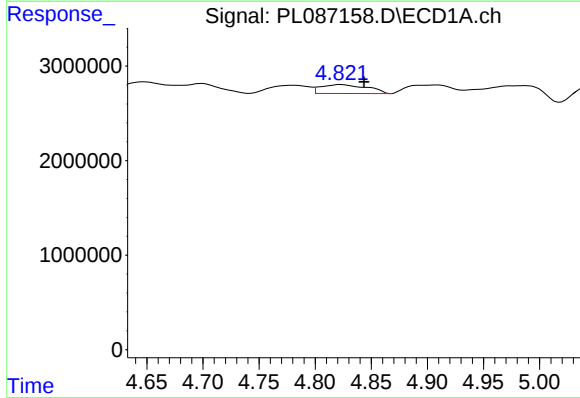
R.T.: 4.247 min  
Delta R.T.: -0.001 min  
Response: 62823  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



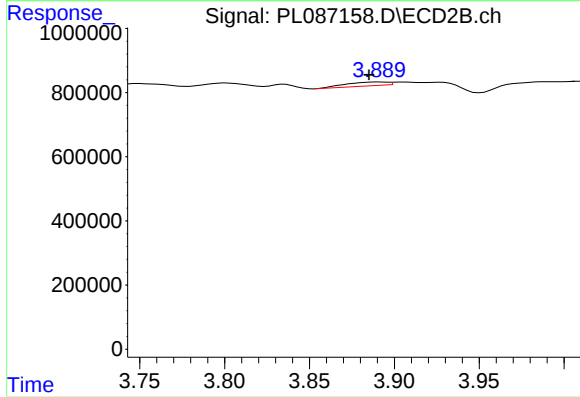
#3 gamma-BHC (Lindane)

R.T.: 3.530 min  
Delta R.T.: -0.011 min  
Response: 16802  
Conc: 0.01 ng/ml



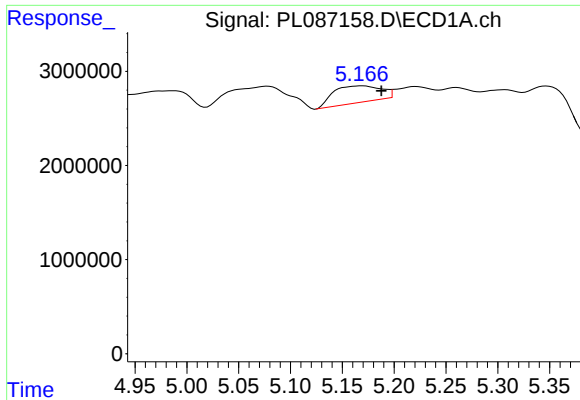
#4 Heptachlor

R.T.: 4.823 min  
Delta R.T.: -0.021 min  
Response: 2695248  
Conc: 0.53 ng/ml



#4 Heptachlor

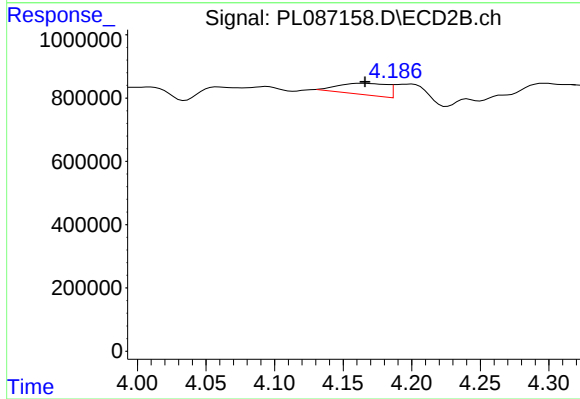
R.T.: 3.891 min  
Delta R.T.: 0.006 min  
Response: 204112  
Conc: 0.16 ng/ml



#5 Aldrin

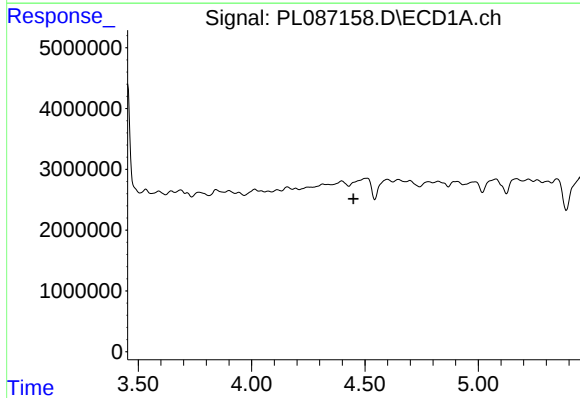
R.T.: 5.170 min  
Delta R.T.: -0.018 min  
Response: 5665361  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



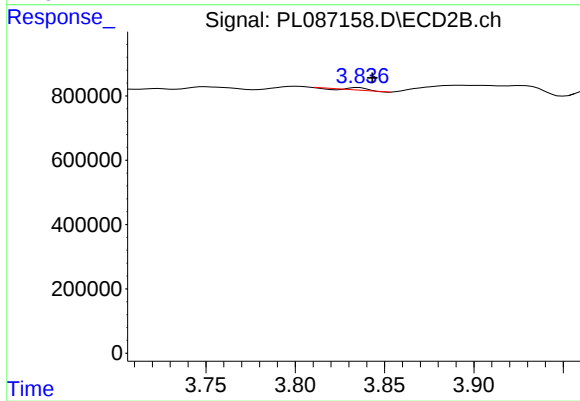
#5 Aldrin

R.T.: 4.164 min  
Delta R.T.: -0.002 min  
Response: 899910  
Conc: 0.73 ng/ml



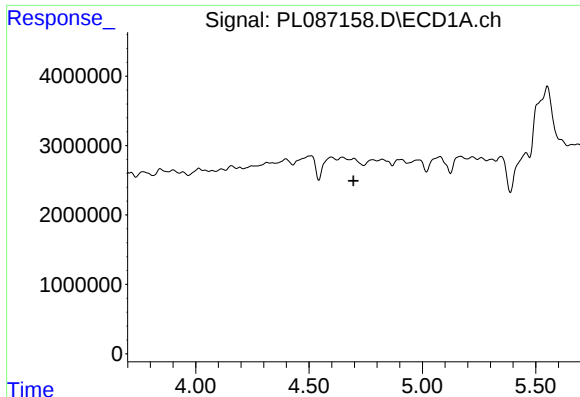
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.450 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

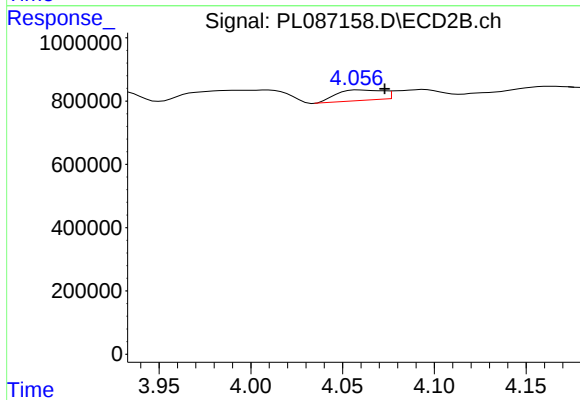
R.T.: 3.835 min  
Delta R.T.: -0.008 min  
Response: 38588  
Conc: 0.06 ng/ml



#7 delta-BHC

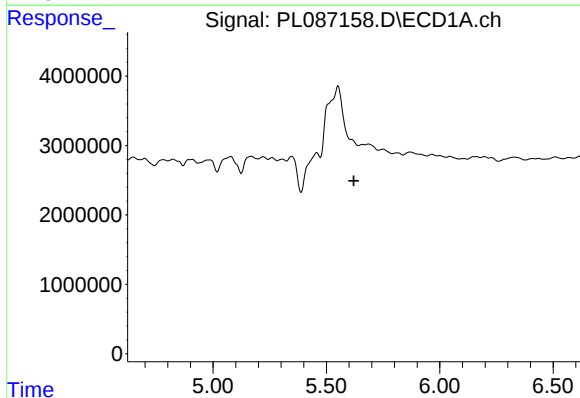
R.T.: 0.000 min  
Exp R.T.: 4.697 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



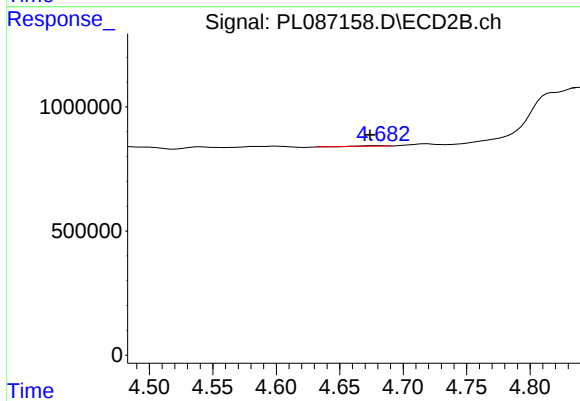
#7 delta-BHC

R.T.: 4.059 min  
Delta R.T.: -0.014 min  
Response: 582039  
Conc: 0.45 ng/ml



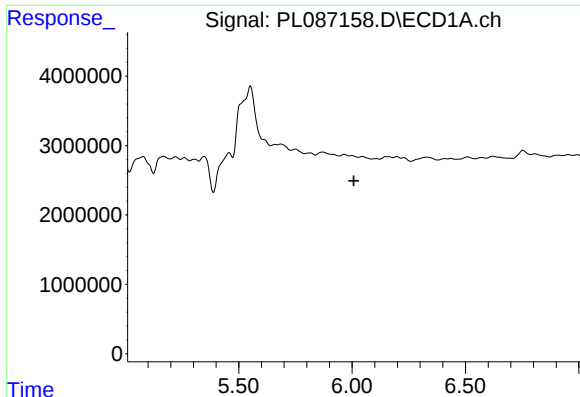
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

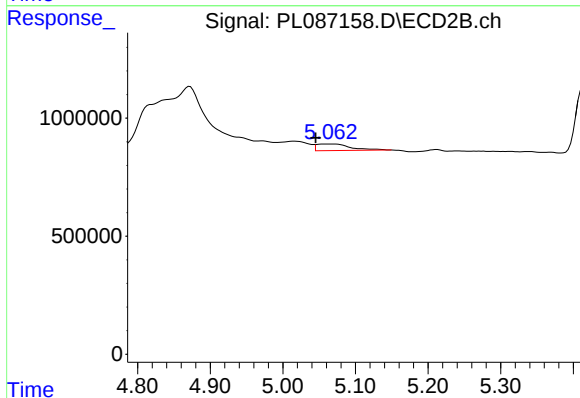
R.T.: 4.682 min  
Delta R.T.: 0.008 min  
Response: 31973  
Conc: 0.03 ng/ml



#9 Endosulfan I

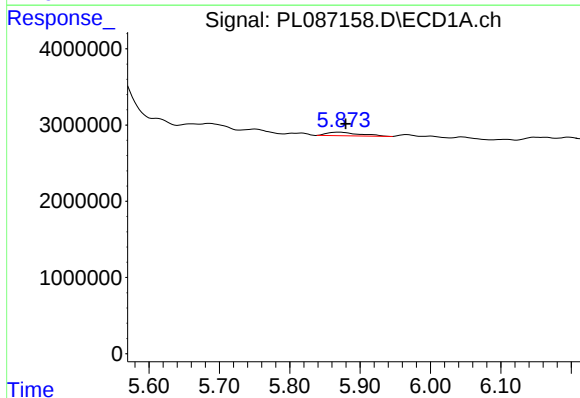
R.T.: 0.000 min  
Exp R.T.: 6.008 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



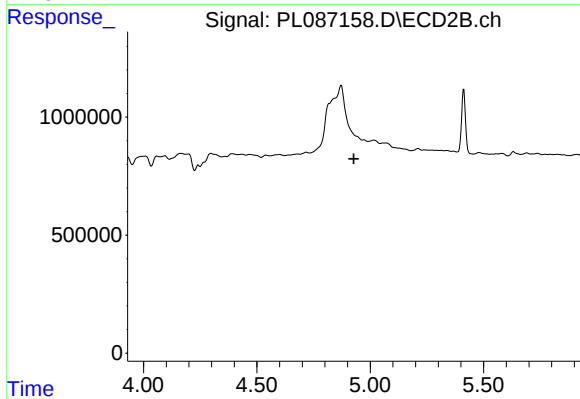
#9 Endosulfan I

R.T.: 5.064 min  
Delta R.T.: 0.019 min  
Response: 916990  
Conc: 0.75 ng/ml



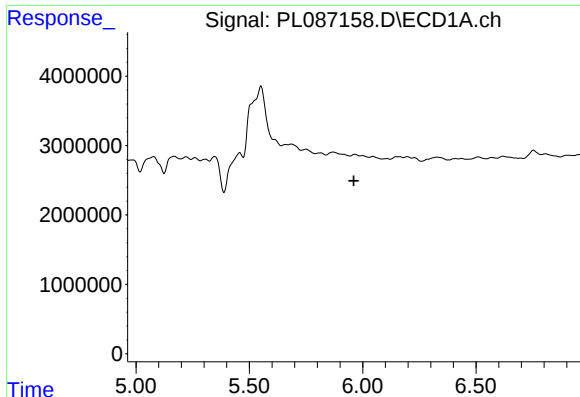
#10 gamma-Chlordane

R.T.: 5.870 min  
Delta R.T.: -0.009 min  
Response: 1531153  
Conc: 0.36 ng/ml



#10 gamma-Chlordane

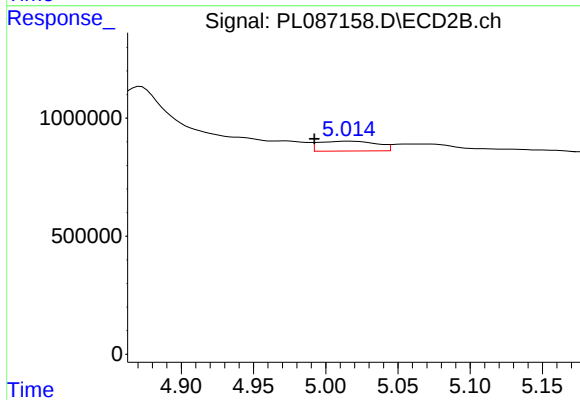
R.T.: 0.000 min  
Exp R.T.: 4.928 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

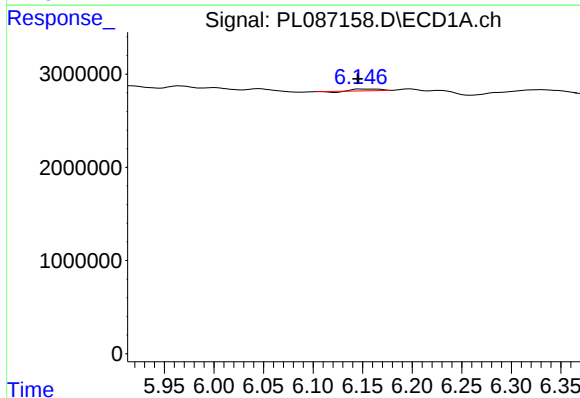
R.T.: 0.000 min  
Exp R.T.: 5.961 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



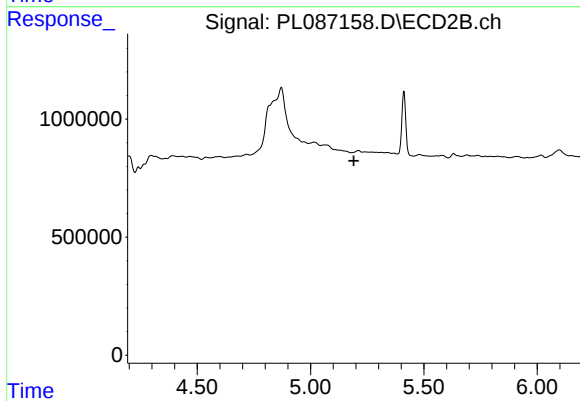
#11 alpha-Chlordane

R.T.: 5.016 min  
Delta R.T.: 0.024 min  
Response: 1162676  
Conc: 0.92 ng/ml



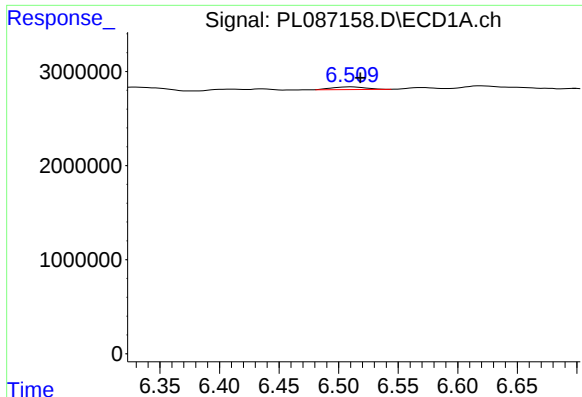
#12 4,4'-DDE

R.T.: 6.148 min  
Delta R.T.: 0.003 min  
Response: 281308  
Conc: 0.09 ng/ml



#12 4,4'-DDE

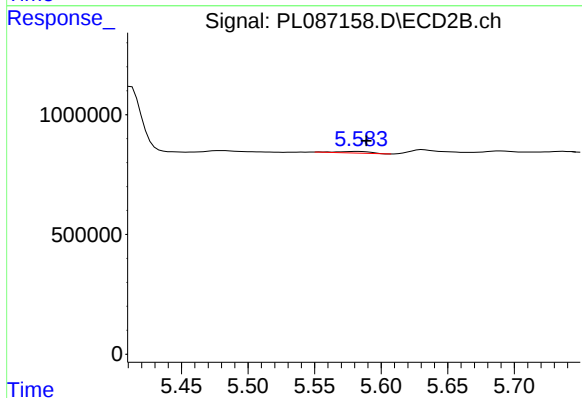
R.T.: 5.212 min  
Delta R.T.: 0.021 min  
Response: -16537  
Conc: N.D.



#14 Endrin

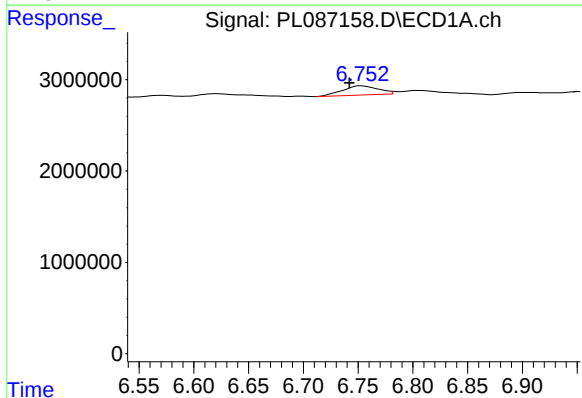
R.T.: 6.510 min  
Delta R.T.: -0.008 min  
Response: 568693  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



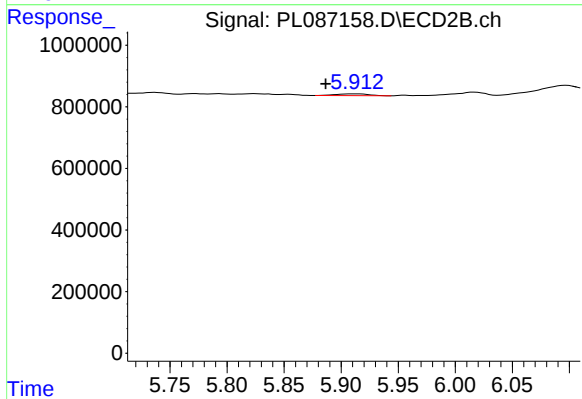
#14 Endrin

R.T.: 5.582 min  
Delta R.T.: -0.007 min  
Response: 117818  
Conc: 0.12 ng/ml



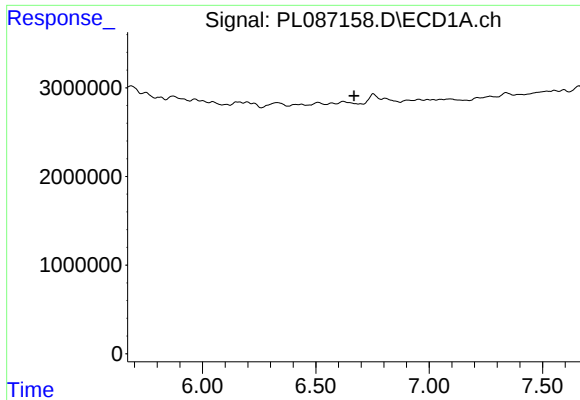
#15 Endosulfan II

R.T.: 6.753 min  
Delta R.T.: 0.011 min  
Response: 2311558  
Conc: 0.64 ng/ml



#15 Endosulfan II

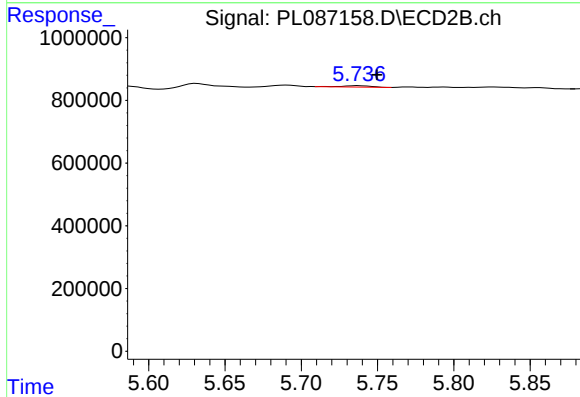
R.T.: 5.912 min  
Delta R.T.: 0.026 min  
Response: 115425  
Conc: 0.12 ng/ml



#16 4,4'-DDD

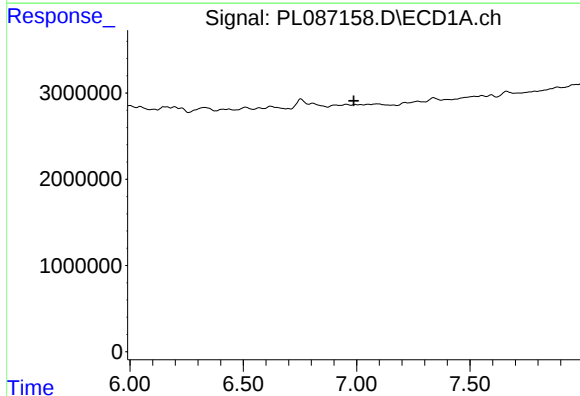
R.T.: 0.000 min  
Exp R.T.: 6.669 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
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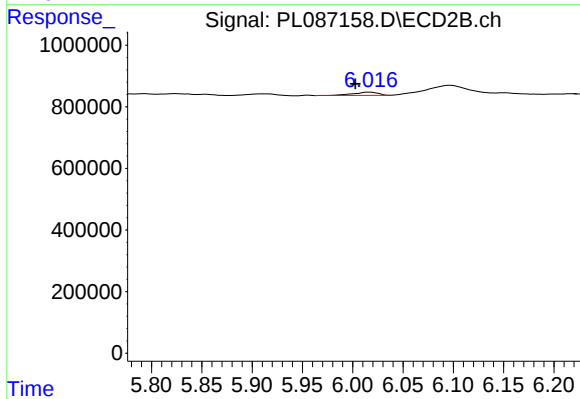
#16 4,4'-DDD

R.T.: 5.737 min  
Delta R.T.: -0.012 min  
Response: 56325  
Conc: 0.07 ng/ml



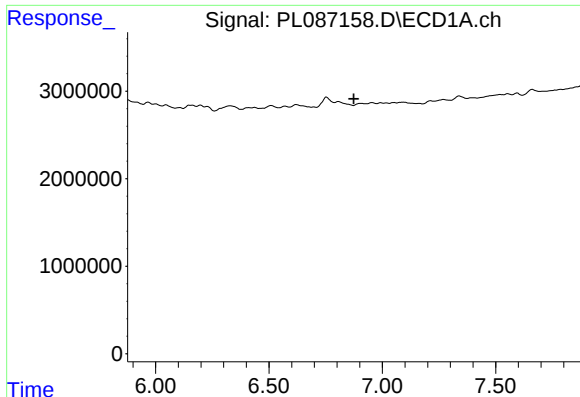
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.987 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

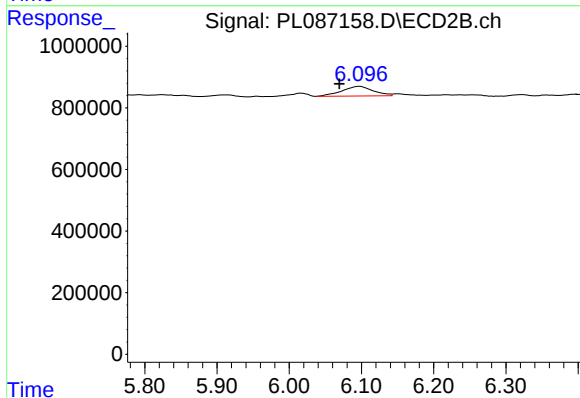
R.T.: 6.017 min  
Delta R.T.: 0.014 min  
Response: 174712  
Conc: 0.20 ng/ml



#18 Endrin aldehyde

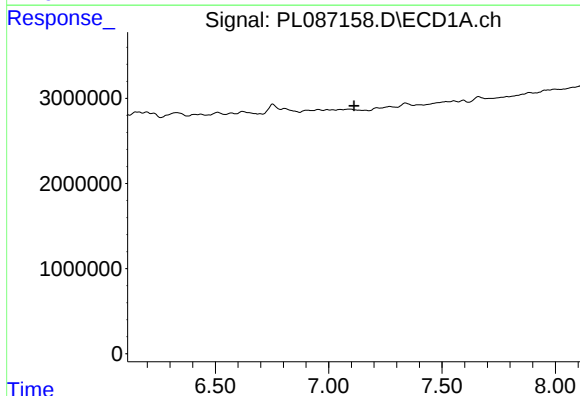
R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
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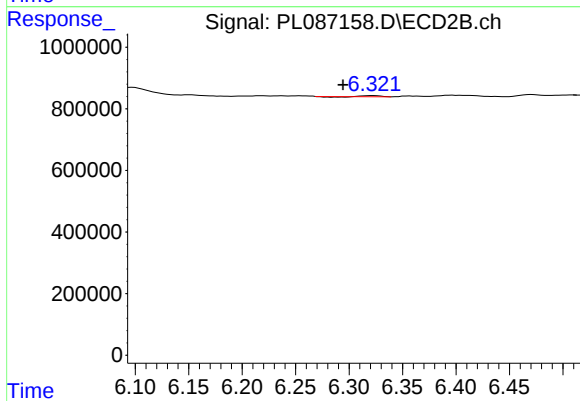
#18 Endrin aldehyde

R.T.: 6.097 min  
Delta R.T.: 0.028 min  
Response: 937577  
Conc: 1.18 ng/ml



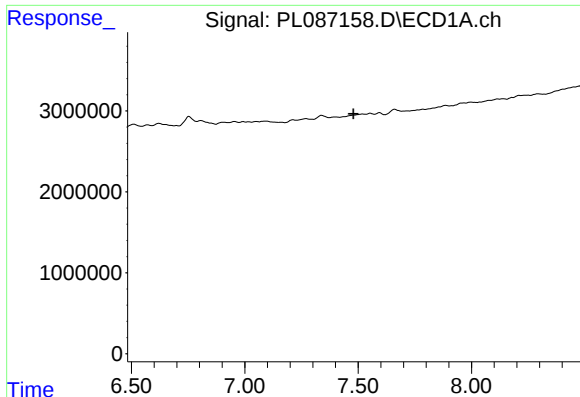
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.112 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

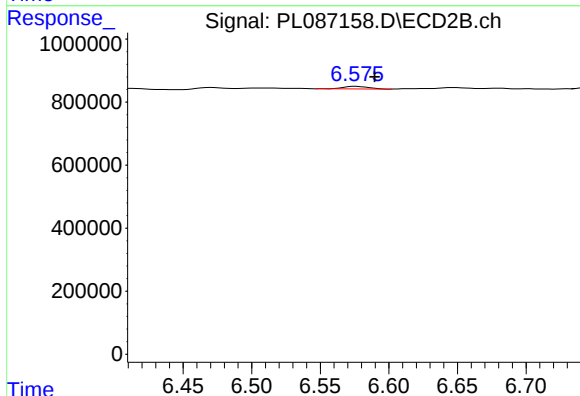
R.T.: 6.323 min  
Delta R.T.: 0.028 min  
Response: 26280  
Conc: 0.03 ng/ml



#20 Methoxychlor

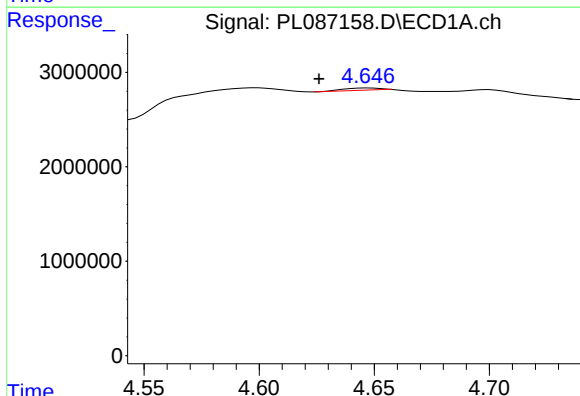
R.T.: 0.000 min  
Exp R.T.: 7.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



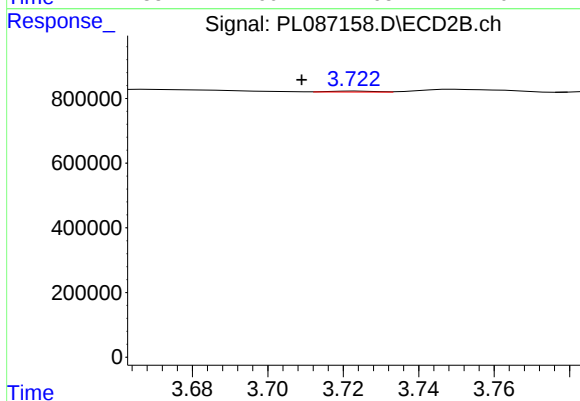
#20 Methoxychlor

R.T.: 6.576 min  
Delta R.T.: -0.013 min  
Response: 105478  
Conc: 0.19 ng/ml



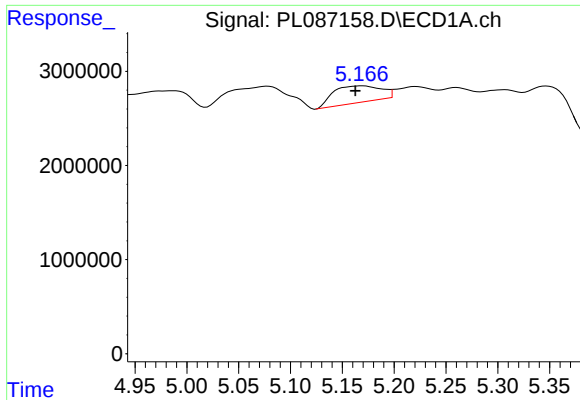
#23 Chlordane-1

R.T.: 4.648 min  
Delta R.T.: 0.022 min  
Response: 250590  
Conc: 1.68 ng/ml



#23 Chlordane-1

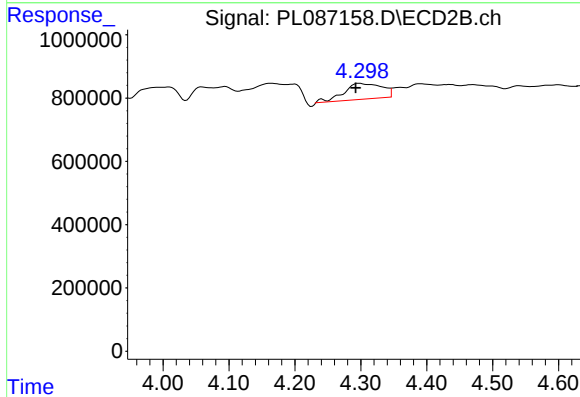
R.T.: 3.723 min  
Delta R.T.: 0.014 min  
Response: 23730  
Conc: 0.70 ng/ml



#24 Chlordane-2

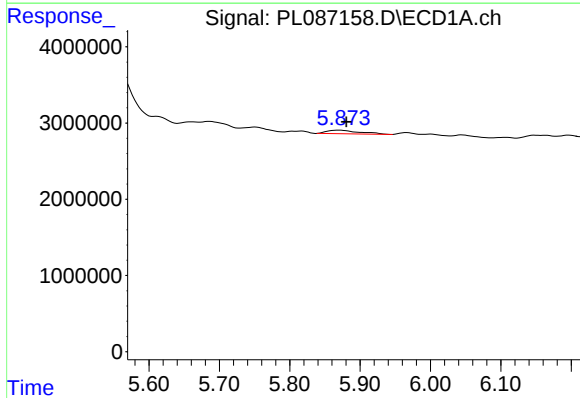
R.T.: 5.170 min  
Delta R.T.: 0.007 min  
Response: 5665361  
Conc: 35.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



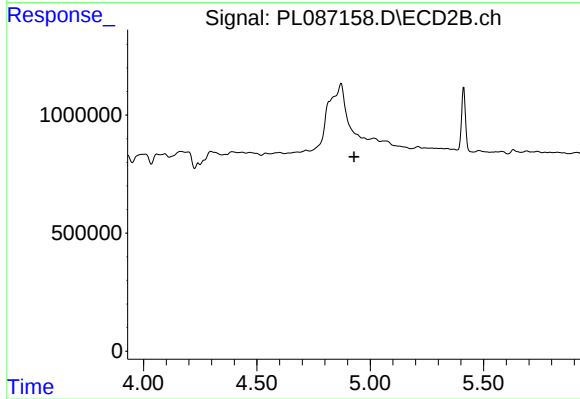
#24 Chlordane-2

R.T.: 4.298 min  
Delta R.T.: 0.006 min  
Response: 1939485  
Conc: 45.58 ng/ml



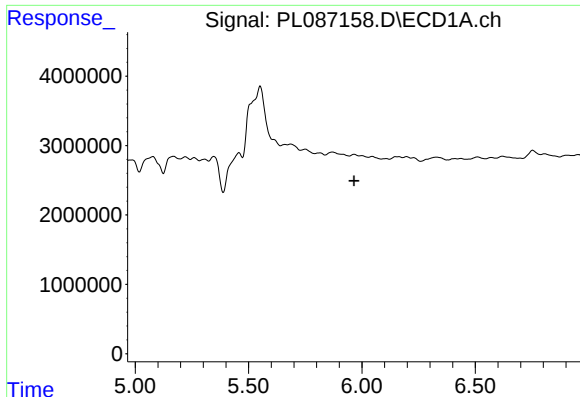
#25 Chlordane-3

R.T.: 5.870 min  
Delta R.T.: -0.010 min  
Response: 1531153  
Conc: 2.52 ng/ml



#25 Chlordane-3

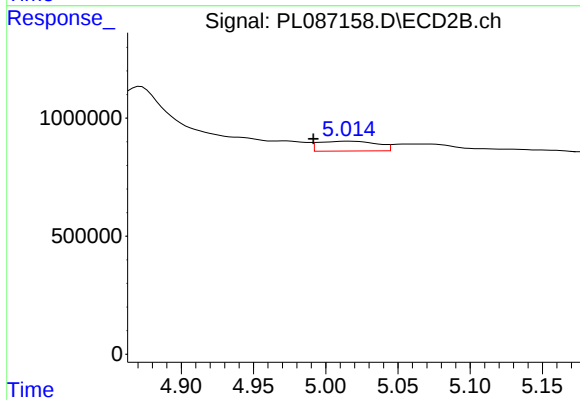
R.T.: 0.000 min  
Exp R.T. : 4.928 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

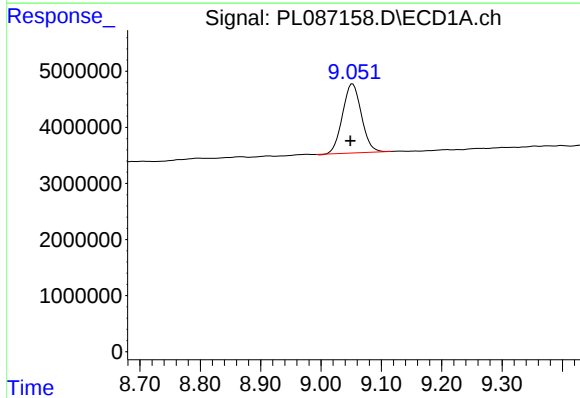
R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HR-01-12122023



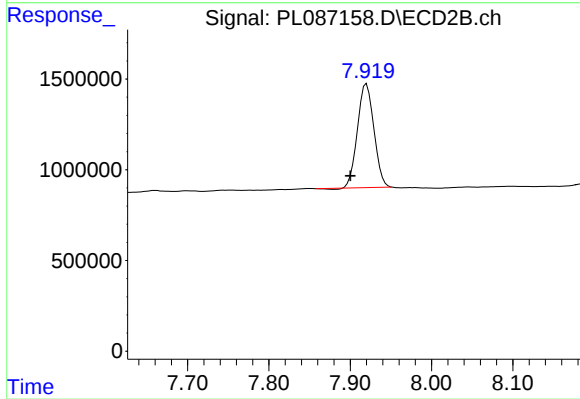
#26 Chlordane-4

R.T.: 5.016 min  
Delta R.T.: 0.025 min  
Response: 1162676  
Conc: 8.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: 0.004 min  
Response: 26744137  
Conc: 8.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min  
Delta R.T.: 0.020 min  
Response: 8025874  
Conc: 7.83 ng/ml