

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022624\  
 Data File : PL088297.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Feb 2024 18:09  
 Operator : AR\AJ  
 Sample : P1539-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 20241102-AMENDED-COMPOSITE-35N-N-4-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 26 23:59:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.635  | 2.854  | 48038698 | 26225405 | 17.490 | 18.699   |
| 28)                         | SA Decachlor... | 9.301  | 8.083  | 38245920 | 22449482 | 19.858 | 17.631   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.107  | 3.387f | 1810208  | 1193528  | 0.434  | 0.581 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.688f | 0        | 909951   | N.D.   | 0.454 #  |
| 4)                          | MA Heptachlor   | 0.000  | 4.058  | 0        | 725778   | N.D.   | 0.398 #  |
| 5)                          | MB Aldrin       | 5.404f | 4.341  | 1198491  | 714426   | 0.314  | 0.368    |
| 6)                          | B beta-BHC      | 0.000  | 4.016  | 0        | 155805   | N.D.   | 0.175 #  |
| 7)                          | B delta-BHC     | 4.882  | 4.230  | 5124909  | 324203   | 1.347  | 0.163 #  |
| 8)                          | B Heptachlo...  | 5.821  | 4.880f | 10380938 | -163118  | 2.963  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.233  | 0        | 918781   | N.D.   | 0.571 #  |
| 10)                         | B gamma-Chl...  | 6.084  | 5.133f | 11441053 | 8211839  | 3.367  | 4.604 #  |
| 11)                         | B alpha-Chl...  | 6.144  | 0.000  | 881330   | 0        | 0.258  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.316f | 5.372  | 1582361  | 214314   | 0.522  | 0.135 #  |
| 13)                         | MA Dieldrin     | 6.468f | 5.497  | 782631   | 504403   | 0.238  | 0.292    |
| 14)                         | MA Endrin       | 6.707  | 0.000  | 487430   | 0        | 0.187  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.923f | 6.061  | 682480   | 494296   | 0.238  | 0.324 #  |
| 17)                         | MA 4,4'-DDT     | 7.185  | 6.192  | 200029   | 232751   | 0.076  | 0.170 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.474  | 0        | 1503457  | N.D.   | 1.071 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.763  | 0        | 1222034  | N.D.   | 1.559 #  |
| 21)                         | B Endrin ke...  | 7.802  | 7.003  | 2026586  | 165659   | 0.723  | 0.099 #  |
| 22)                         | Mirex           | 0.000  | 7.198f | 0        | 1552561  | N.D.   | 1.185 #  |
| 23)                         | Chlordane-1     | 4.813  | 3.867  | 4141118  | 4686897  | 32.250 | 91.055 # |
| 24)                         | Chlordane-2     | 5.349  | 4.477  | 3687036  | 54360    | 27.470 | 0.856 #  |
| 25)                         | Chlordane-3     | 6.084  | 5.133f | 11441053 | 8211839  | 22.652 | 44.103 # |
| 26)                         | Chlordane-4     | 6.144  | 0.000  | 881330   | 0        | 1.435  | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.853  | 0        | 289934   | N.D.   | 5.481 #  |
| -----                       |                 |        |        |          |          |        |          |

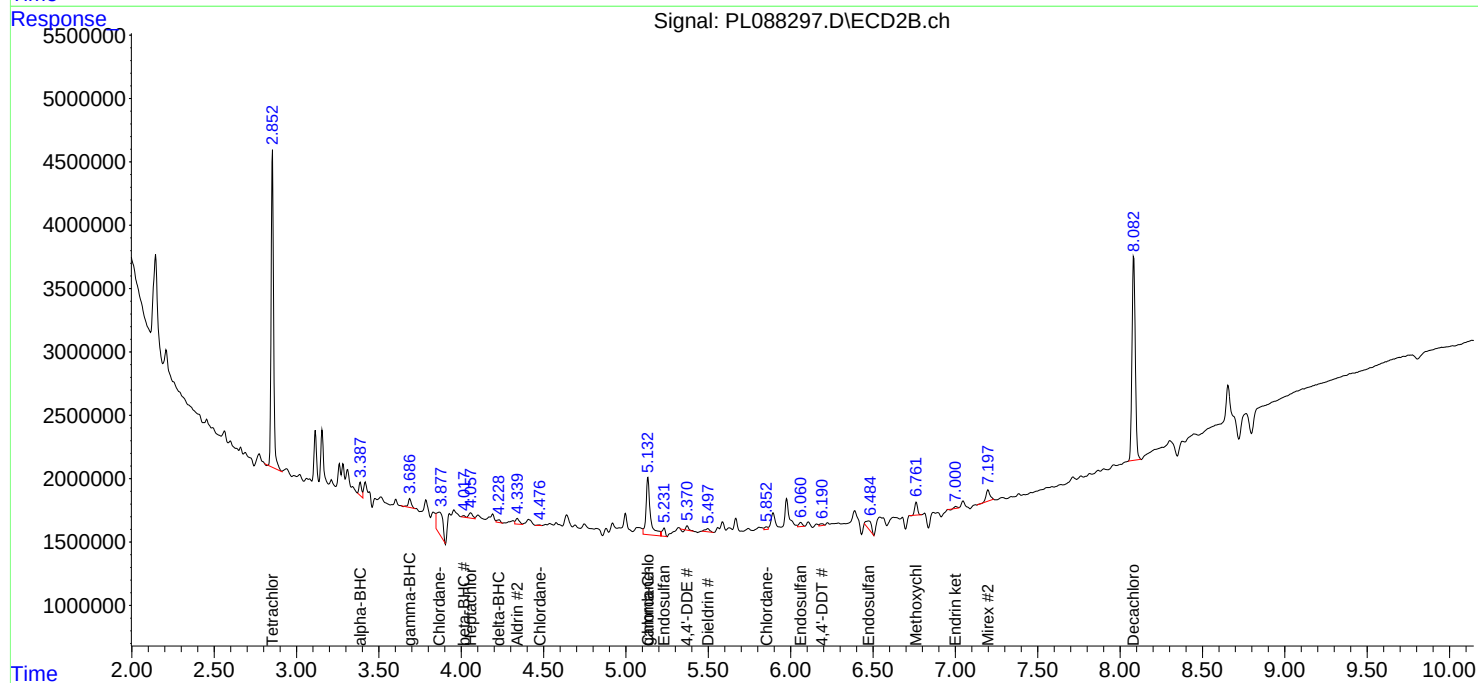
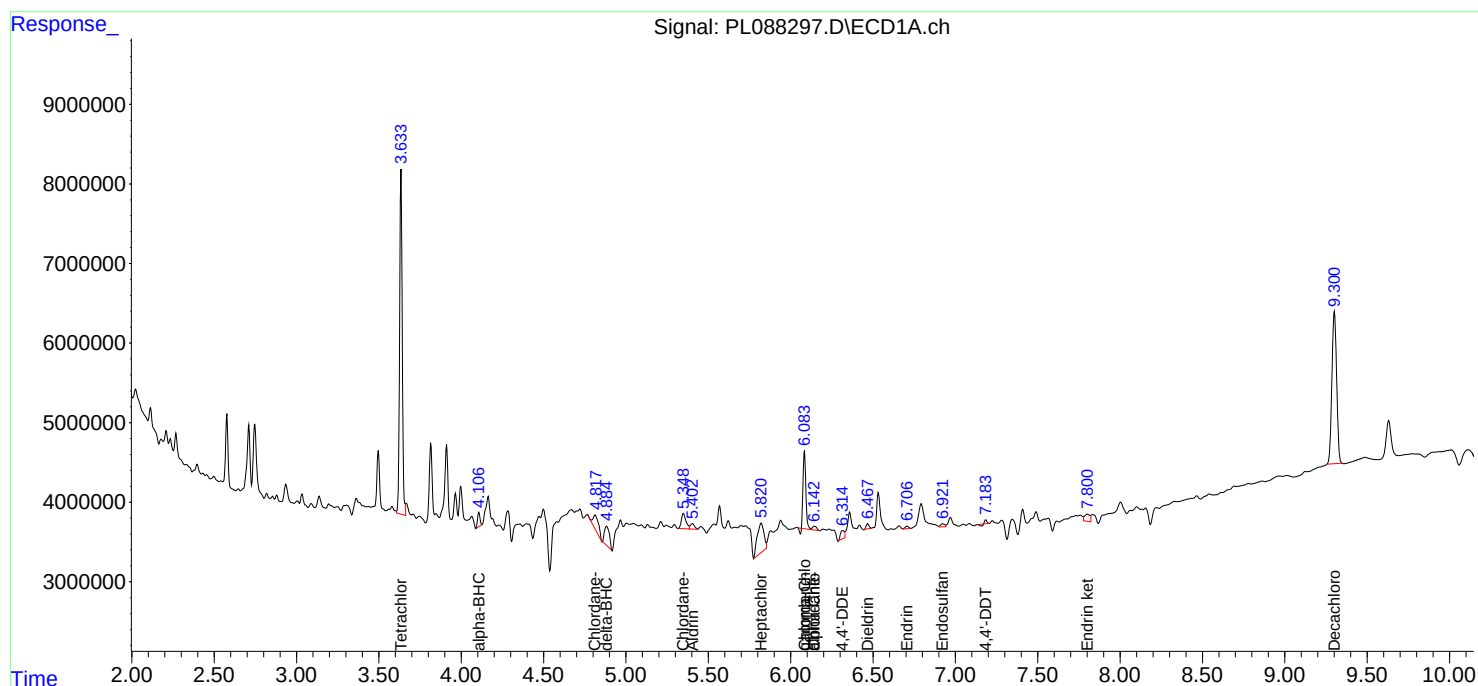
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

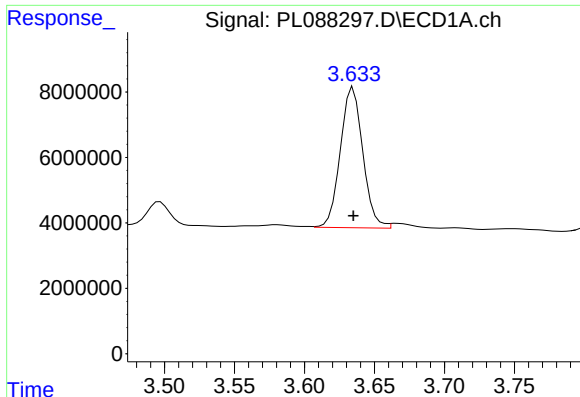
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022624\  
Data File : PL088297.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Feb 2024 18:09  
Operator : AR\AJ  
Sample : P1539-01  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
20241102-AMENDED-COMPOSITE-35N-N-4-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 23:59:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 2024  
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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

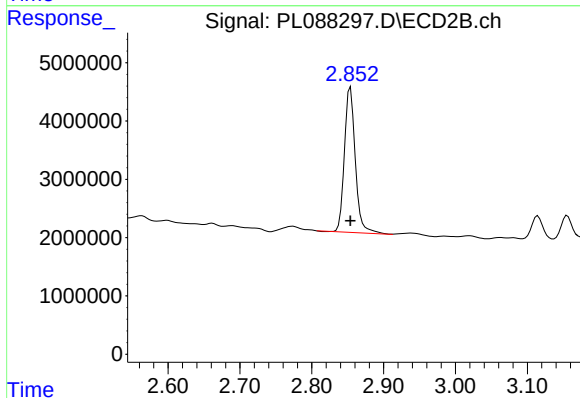




#1 Tetrachloro-m-xylene

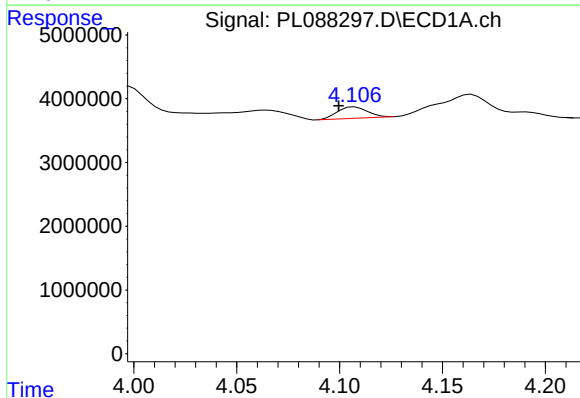
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 48038698  
Conc: 17.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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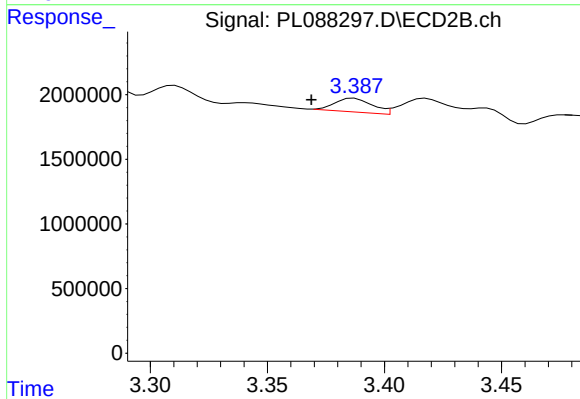
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 26225405  
Conc: 18.70 ng/ml



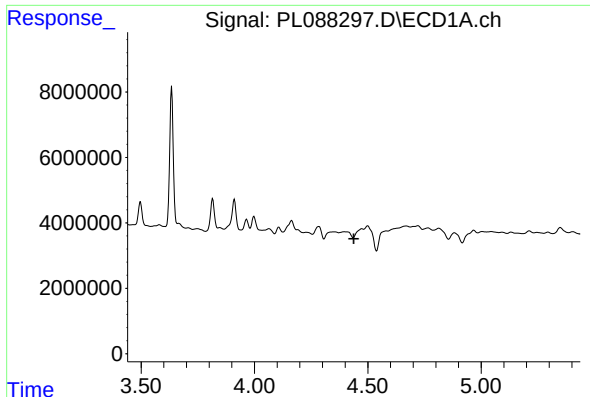
#2 alpha-BHC

R.T.: 4.107 min  
Delta R.T.: 0.008 min  
Response: 1810208  
Conc: 0.43 ng/ml



#2 alpha-BHC

R.T.: 3.387 min  
Delta R.T.: 0.018 min  
Response: 1193528  
Conc: 0.58 ng/ml



#3 gamma-BHC (Lindane)

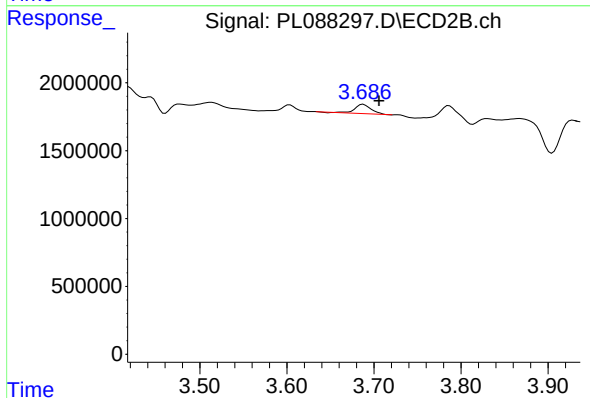
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :

ECD\_L

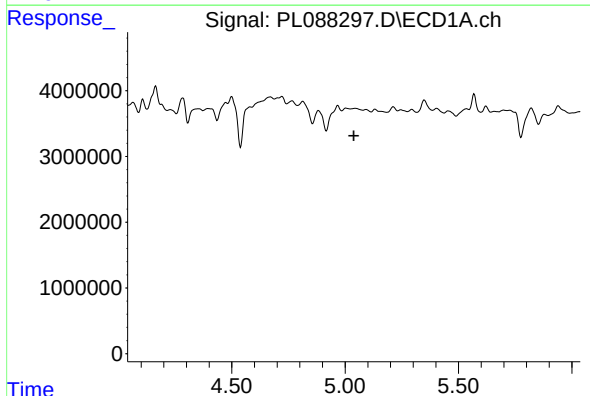
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



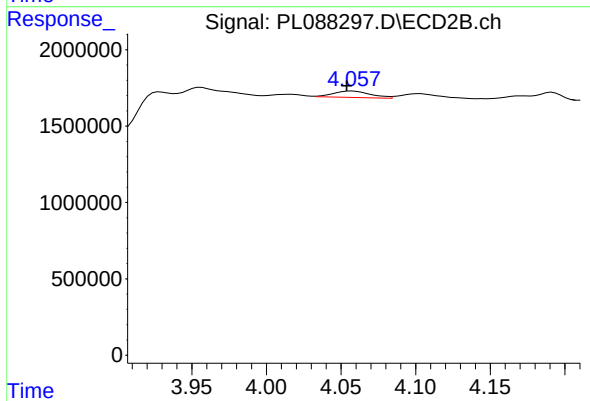
#3 gamma-BHC (Lindane)

R.T.: 3.688 min  
Delta R.T.: -0.018 min  
Response: 909951  
Conc: 0.45 ng/ml



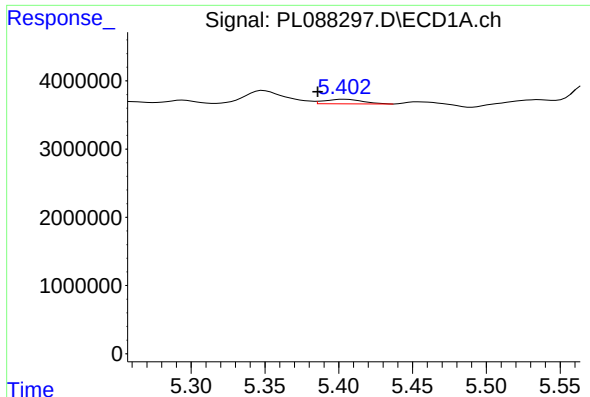
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

R.T.: 4.058 min  
Delta R.T.: 0.004 min  
Response: 725778  
Conc: 0.40 ng/ml



#5 Aldrin

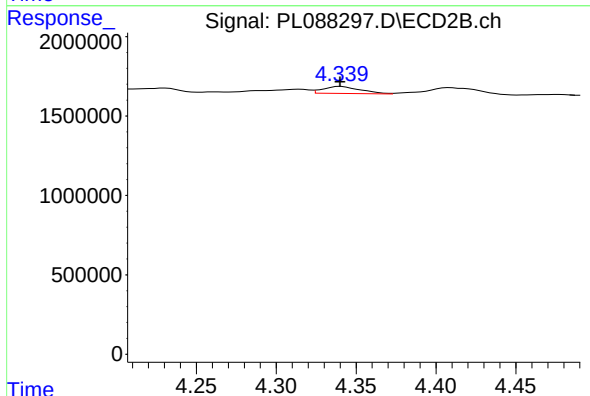
R.T.: 5.404 min  
Delta R.T.: 0.018 min  
Response: 1198491  
Conc: 0.31 ng/ml

Instrument :

ECD\_L

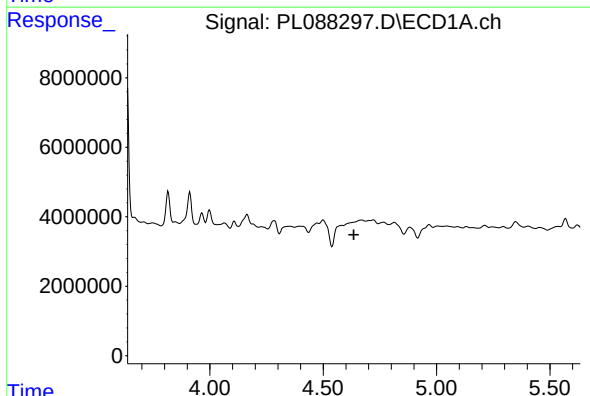
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



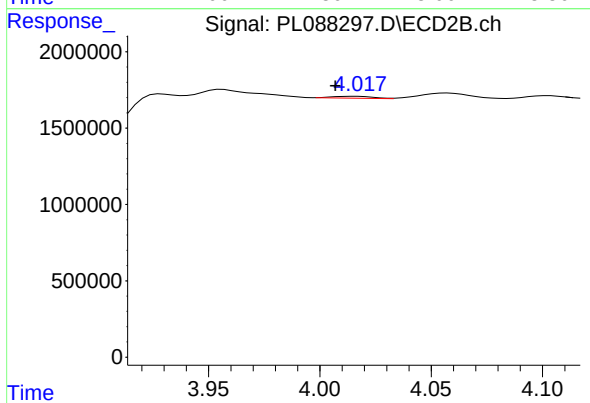
#5 Aldrin

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 714426  
Conc: 0.37 ng/ml



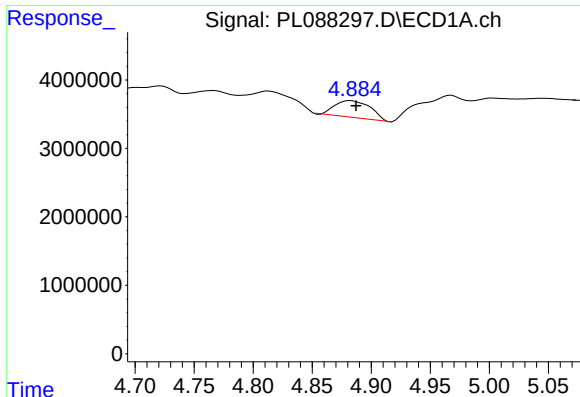
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.635 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

R.T.: 4.016 min  
Delta R.T.: 0.009 min  
Response: 155805  
Conc: 0.18 ng/ml



#7 delta-BHC

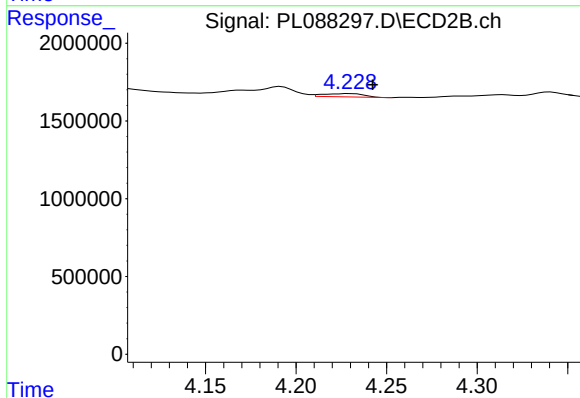
R.T.: 4.882 min  
Delta R.T.: -0.005 min  
Response: 5124909  
Conc: 1.35 ng/ml

Instrument :

ECD\_L

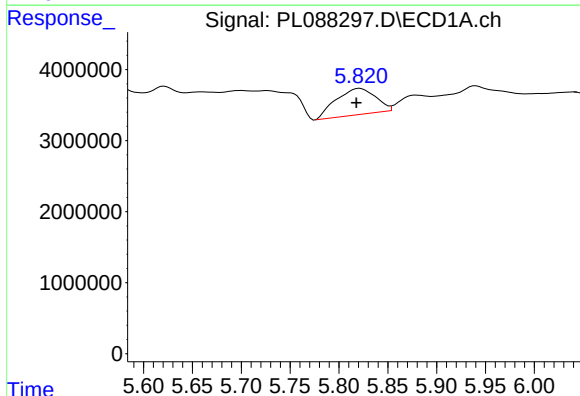
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



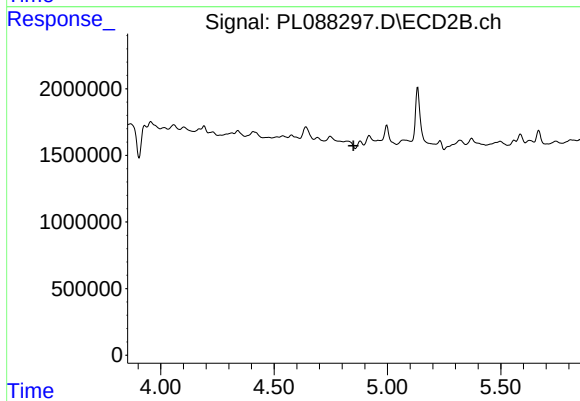
#7 delta-BHC

R.T.: 4.230 min  
Delta R.T.: -0.012 min  
Response: 324203  
Conc: 0.16 ng/ml



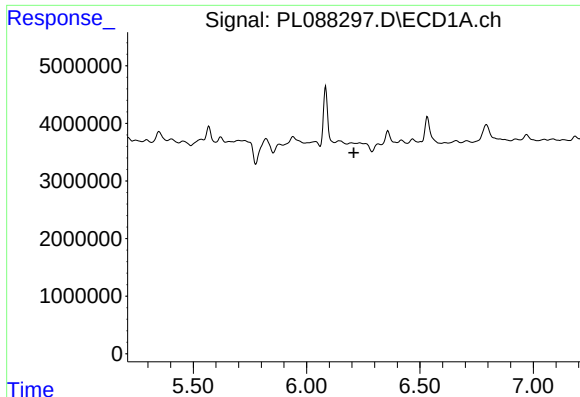
#8 Heptachlor epoxide

R.T.: 5.821 min  
Delta R.T.: 0.003 min  
Response: 10380938  
Conc: 2.96 ng/ml



#8 Heptachlor epoxide

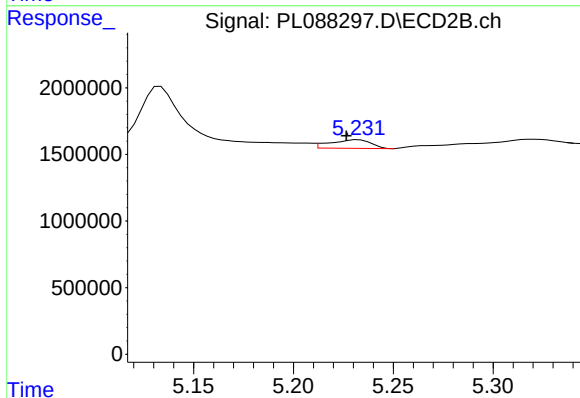
R.T.: 4.880 min  
Delta R.T.: 0.030 min  
Response: -163118  
Conc: N.D.



#9 Endosulfan I

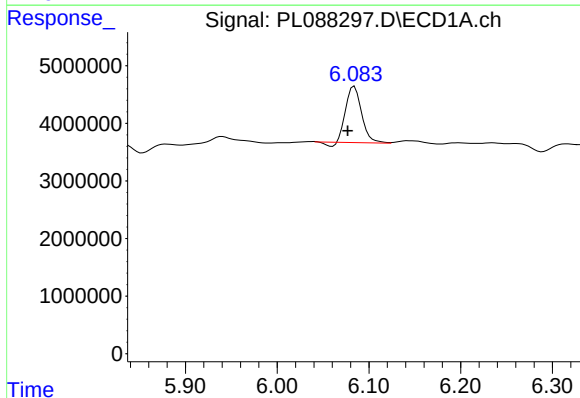
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20241102-AMENDED-COMPOSITE-35N-N-4-01



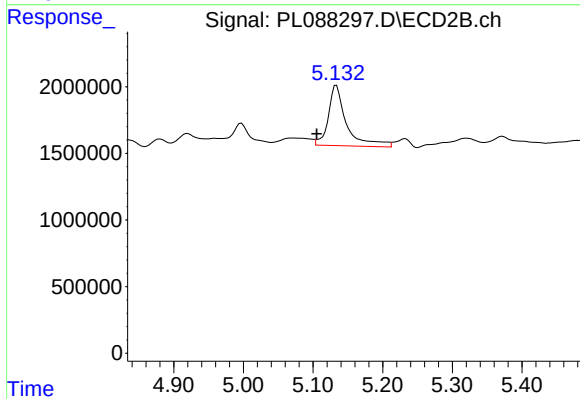
#9 Endosulfan I

R.T.: 5.233 min  
Delta R.T.: 0.006 min  
Response: 918781  
Conc: 0.57 ng/ml



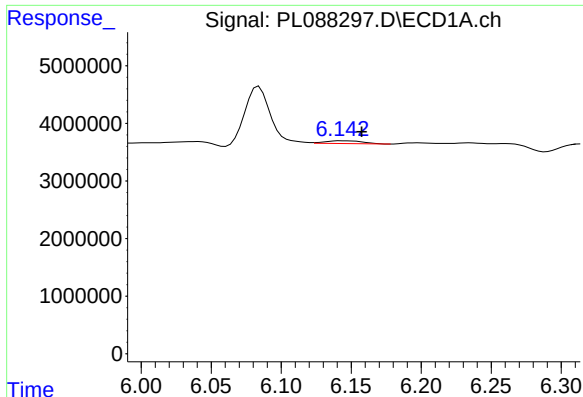
#10 gamma-Chlordane

R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 11441053  
Conc: 3.37 ng/ml



#10 gamma-Chlordane

R.T.: 5.133 min  
Delta R.T.: 0.028 min  
Response: 8211839  
Conc: 4.60 ng/ml



#11 alpha-Chlordane

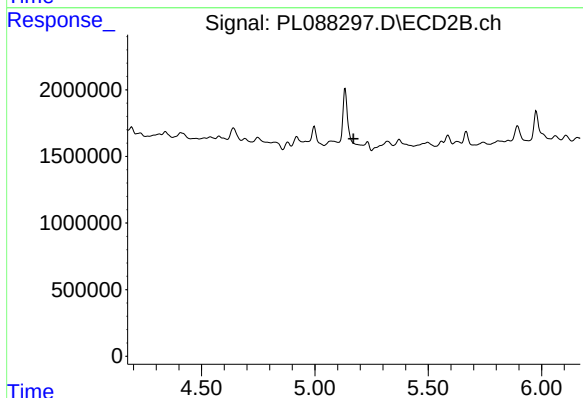
R.T.: 6.144 min  
Delta R.T.: -0.013 min  
Response: 881330  
Conc: 0.26 ng/ml

Instrument :

ECD\_L

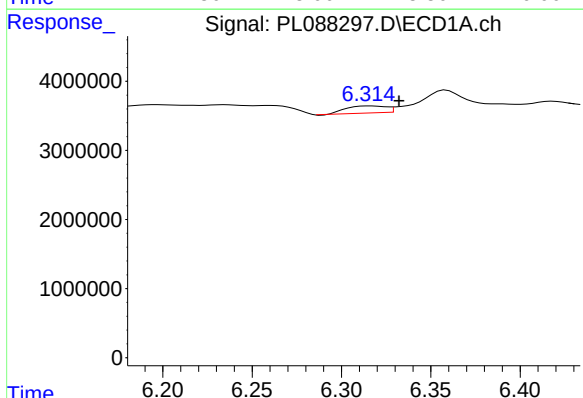
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



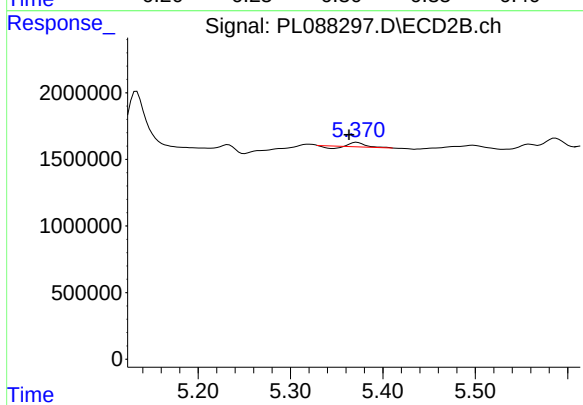
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.170 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

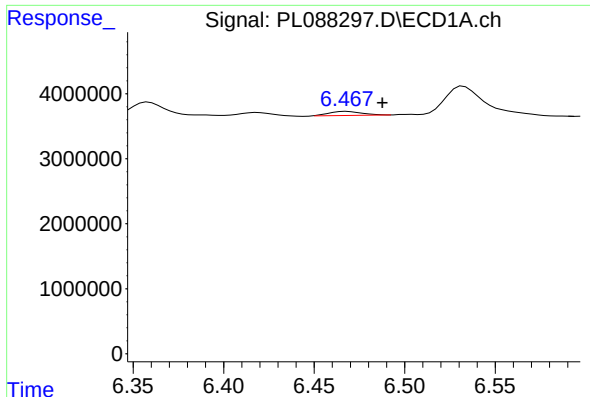
R.T.: 6.316 min  
Delta R.T.: -0.016 min  
Response: 1582361  
Conc: 0.52 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.009 min  
Response: 214314  
Conc: 0.13 ng/ml





#13 Dieldrin

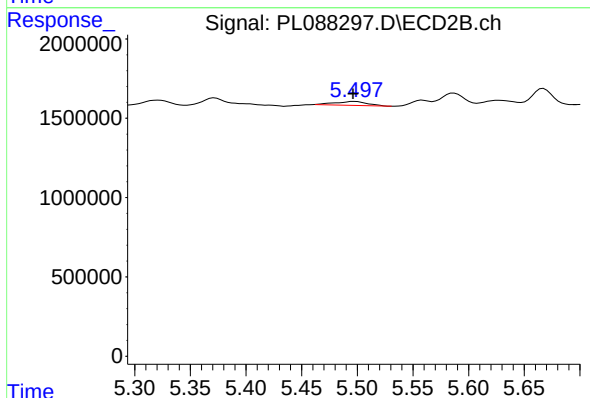
R.T.: 6.468 min  
Delta R.T.: -0.020 min  
Response: 782631  
Conc: 0.24 ng/ml

Instrument :

ECD\_L

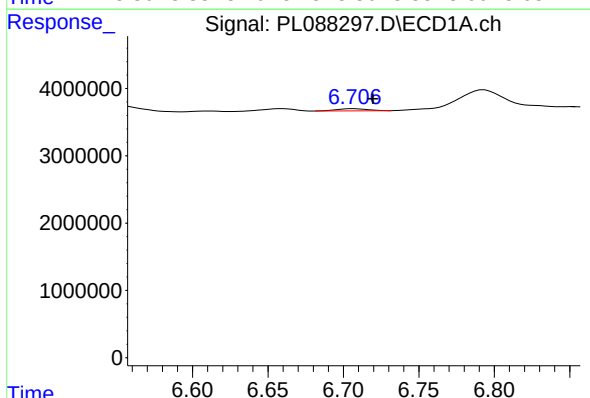
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



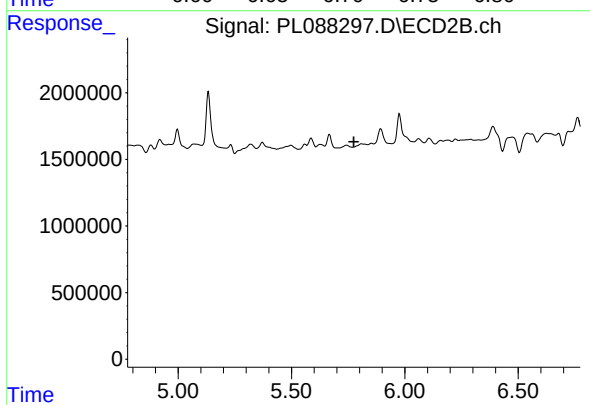
#13 Dieldrin

R.T.: 5.497 min  
Delta R.T.: 0.001 min  
Response: 504403  
Conc: 0.29 ng/ml



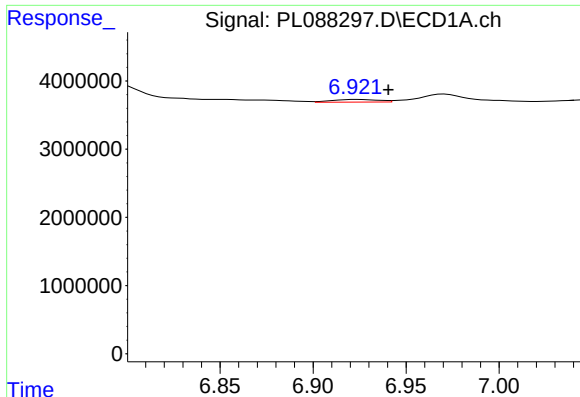
#14 Endrin

R.T.: 6.707 min  
Delta R.T.: -0.013 min  
Response: 487430  
Conc: 0.19 ng/ml



#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.775 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

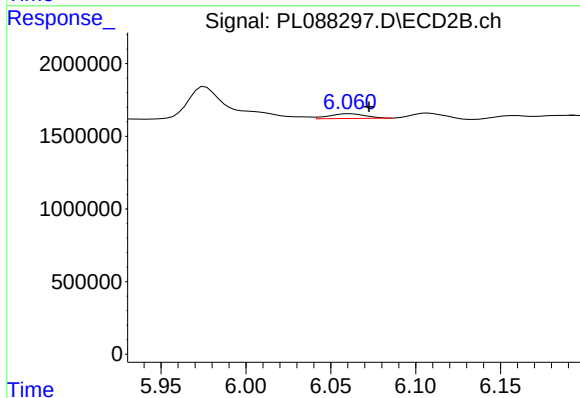
R.T.: 6.923 min  
Delta R.T.: -0.017 min  
Response: 682480  
Conc: 0.24 ng/ml

Instrument :

ECD\_L

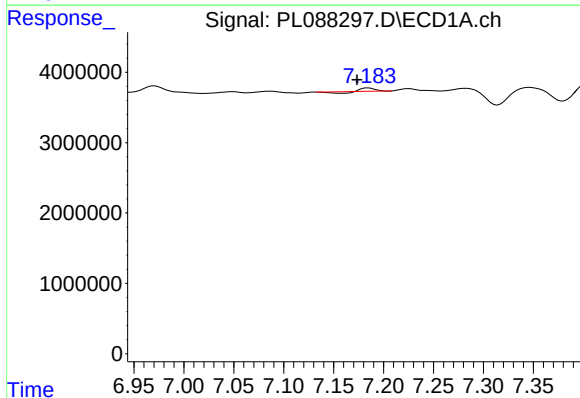
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



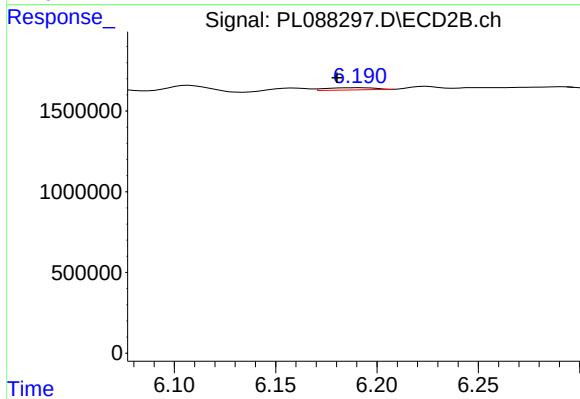
#15 Endosulfan II

R.T.: 6.061 min  
Delta R.T.: -0.012 min  
Response: 494296  
Conc: 0.32 ng/ml



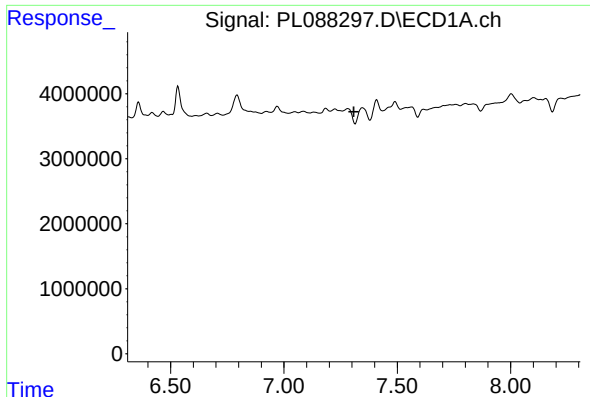
#17 4,4'-DDT

R.T.: 7.185 min  
Delta R.T.: 0.011 min  
Response: 200029  
Conc: 0.08 ng/ml



#17 4,4'-DDT

R.T.: 6.192 min  
Delta R.T.: 0.012 min  
Response: 232751  
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

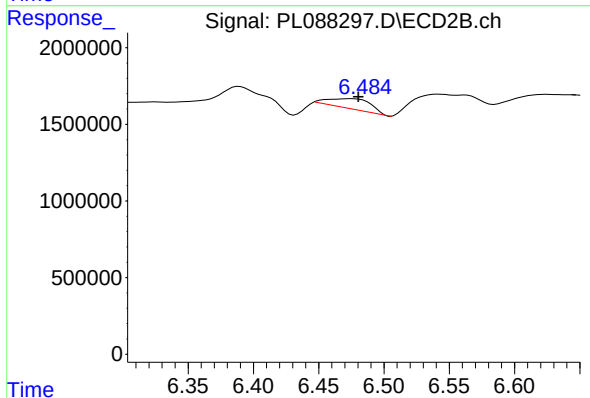
R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.

Instrument :

ECD\_L

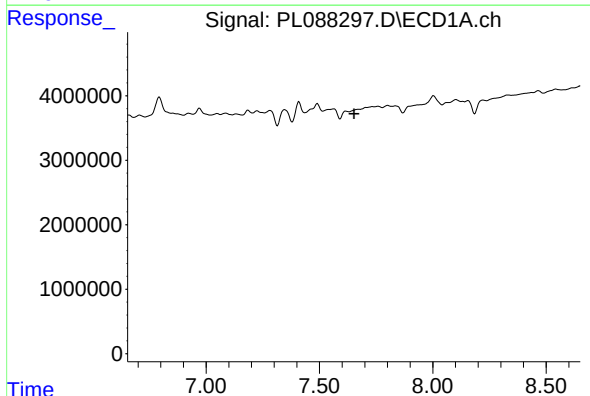
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



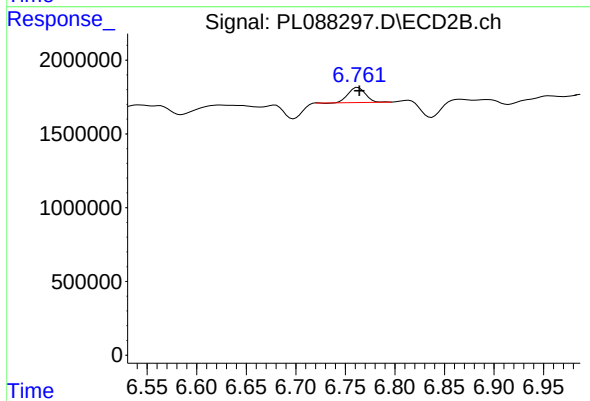
#19 Endosulfan Sulfate

R.T.: 6.474 min  
Delta R.T.: -0.006 min  
Response: 1503457  
Conc: 1.07 ng/ml



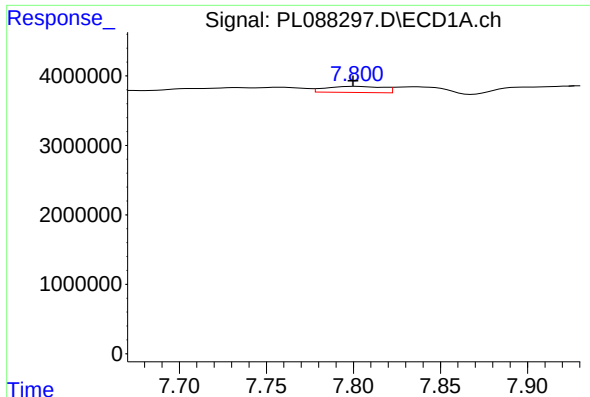
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

R.T.: 6.763 min  
Delta R.T.: -0.001 min  
Response: 1222034  
Conc: 1.56 ng/ml



#21 Endrin ketone

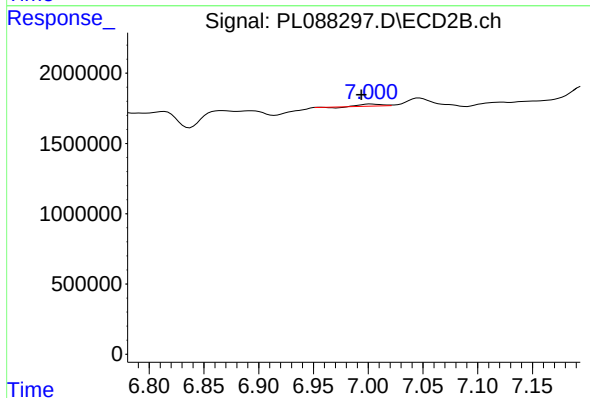
R.T.: 7.802 min  
Delta R.T.: 0.002 min  
Response: 2026586  
Conc: 0.72 ng/ml

Instrument :

ECD\_L

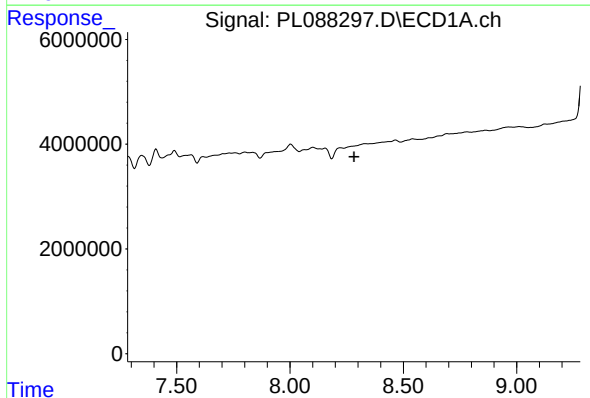
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



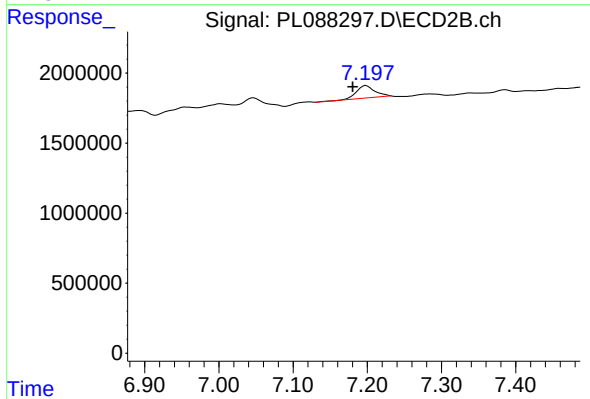
#21 Endrin ketone

R.T.: 7.003 min  
Delta R.T.: 0.009 min  
Response: 165659  
Conc: 0.10 ng/ml



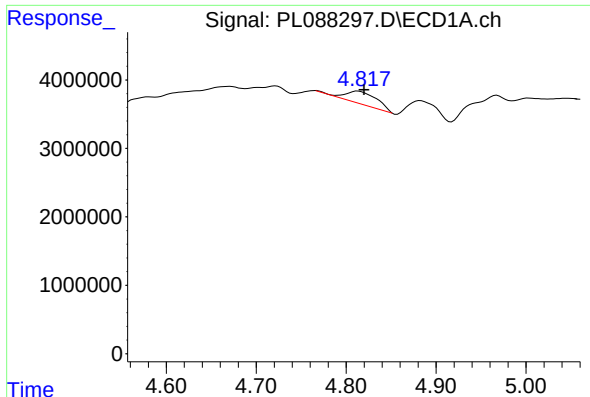
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.283 min  
Response: 0  
Conc: N.D.



#22 Mirex

R.T.: 7.198 min  
Delta R.T.: 0.018 min  
Response: 1552561  
Conc: 1.19 ng/ml



#23 Chlordane-1

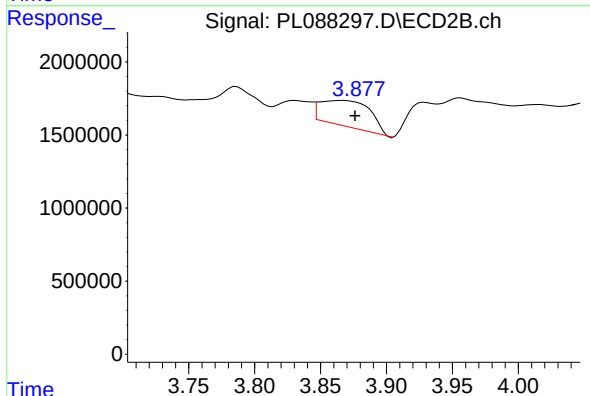
R.T.: 4.813 min  
Delta R.T.: -0.006 min  
Response: 4141118  
Conc: 32.25 ng/ml

Instrument :

ECD\_L

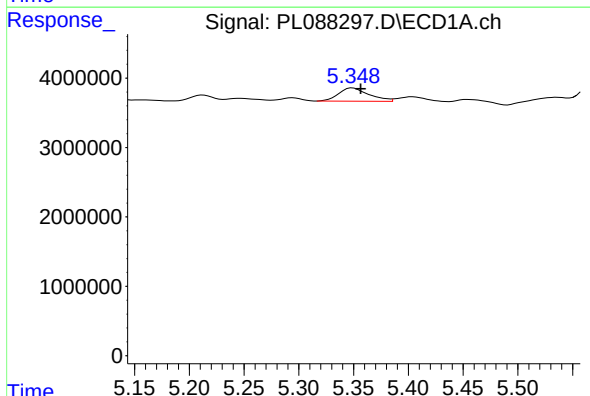
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



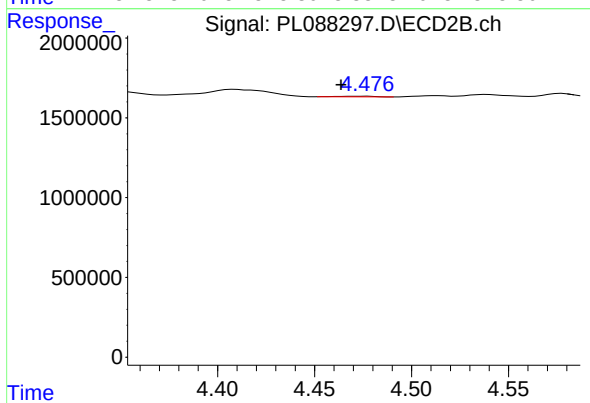
#23 Chlordane-1

R.T.: 3.867 min  
Delta R.T.: -0.009 min  
Response: 4686897  
Conc: 91.06 ng/ml



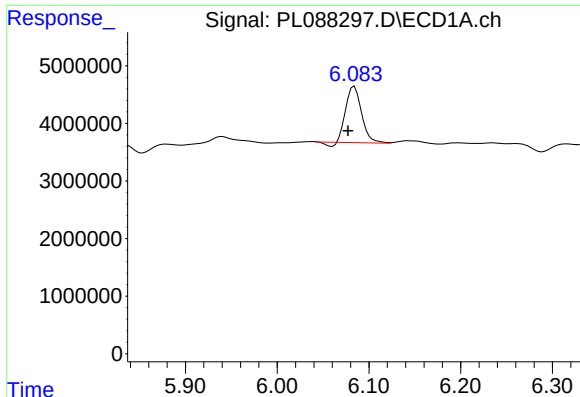
#24 Chlordane-2

R.T.: 5.349 min  
Delta R.T.: -0.007 min  
Response: 3687036  
Conc: 27.47 ng/ml



#24 Chlordane-2

R.T.: 4.477 min  
Delta R.T.: 0.013 min  
Response: 54360  
Conc: 0.86 ng/ml



#25 Chlordane-3

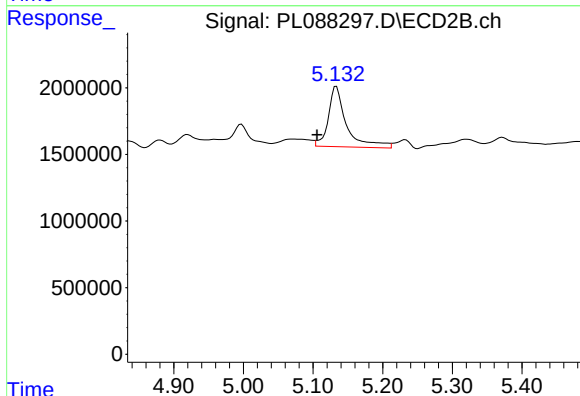
R.T.: 6.084 min  
Delta R.T.: 0.007 min  
Response: 11441053  
Conc: 22.65 ng/ml

Instrument :

ECD\_L

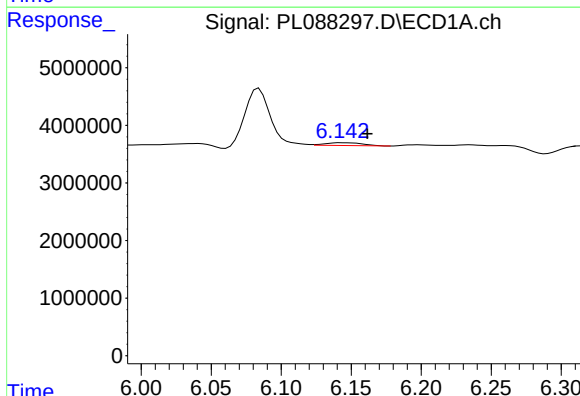
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



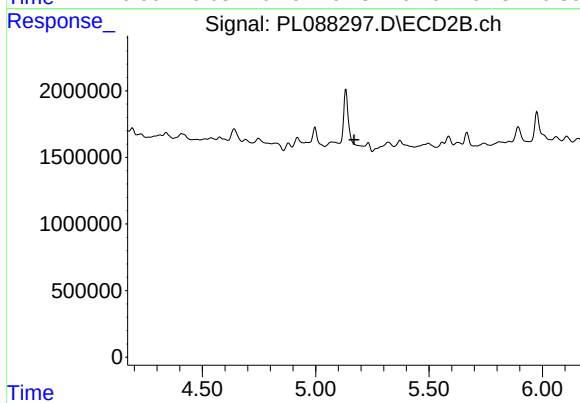
#25 Chlordane-3

R.T.: 5.133 min  
Delta R.T.: 0.028 min  
Response: 8211839  
Conc: 44.10 ng/ml



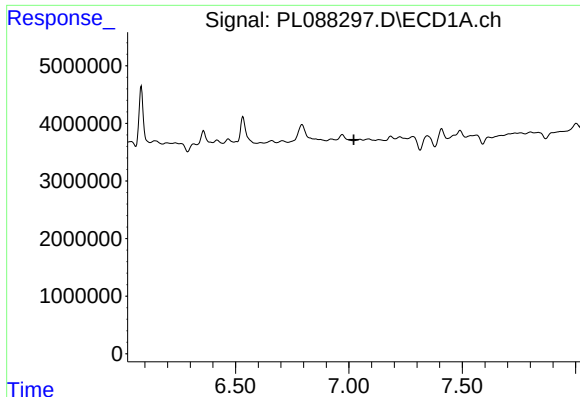
#26 Chlordane-4

R.T.: 6.144 min  
Delta R.T.: -0.017 min  
Response: 881330  
Conc: 1.44 ng/ml



#26 Chlordane-4

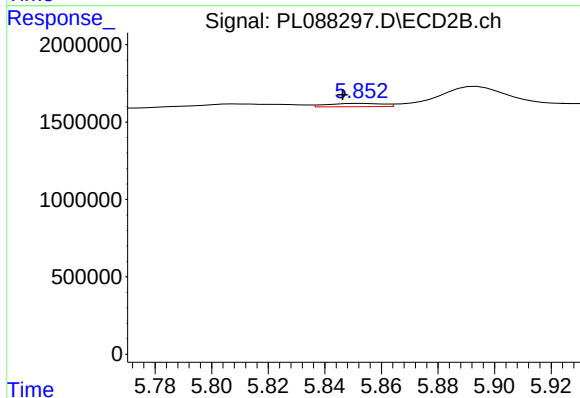
R.T.: 0.000 min  
Exp R.T. : 5.170 min  
Response: 0  
Conc: N.D.



#27 Chloride-5

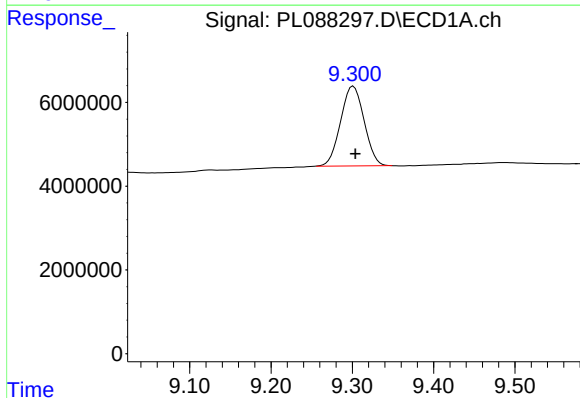
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20241102-AMENDED-COMPOSITE-35N-N-4-01



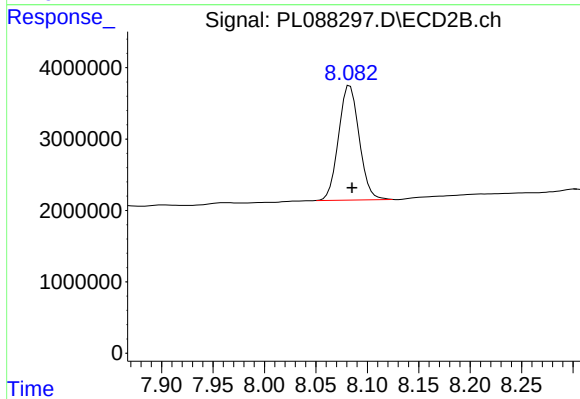
#27 Chloride-5

R.T.: 5.853 min  
Delta R.T.: 0.007 min  
Response: 289934  
Conc: 5.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.301 min  
Delta R.T.: -0.002 min  
Response: 38245920  
Conc: 19.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min  
Delta R.T.: -0.002 min  
Response: 22449482  
Conc: 17.63 ng/ml