

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
 Data File : PD076525.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 23:26  
 Operator : AR\AJ  
 Sample : 03570-03  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 02:06:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 01:40:01 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|-------|---------|
| -----                       |                 |        |        |          |          |       |         |
| System Monitoring Compounds |                 |        |        |          |          |       |         |
| 1)                          | SA Tetrachlo... | 3.545  | 2.766  | 21384922 | 11559672 | 9.773 | 10.499  |
| 28)                         | SA Decachlor... | 9.086  | 7.907  | 23715831 | 8854684  | 9.385 | 8.556   |
| Target Compounds            |                 |        |        |          |          |       |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.256  | 0        | 112642   | N.D.  | 0.068 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.958f | 0        | 555850   | N.D.  | 0.357 # |
| 5)                          | MB Aldrin       | 5.257  | 4.217  | 917848   | 720857   | 0.246 | 0.458 # |
| 6)                          | B beta-BHC      | 4.558f | 3.911f | -99208   | 1832588  | N.D.  | 2.771   |
| 7)                          | B delta-BHC     | 4.771  | 4.137  | 1599219  | 340418   | 0.458 | 0.221 # |
| 8)                          | B Heptachlo...  | 5.693  | 4.719  | 549684   | 245798   | 0.164 | 0.172   |
| 9)                          | A Endosulfan I  | 6.117f | 5.109f | 341846   | 890758   | 0.112 | 0.676 # |
| 10)                         | B gamma-Chl...  | 5.950  | 4.972  | 754146   | 1294507  | 0.229 | 0.919 # |
| 11)                         | B alpha-Chl...  | 6.033  | 5.025  | 1005765  | 2256848  | 0.304 | 1.594 # |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.222  | 4862562  | 2790948  | 1.642 | 2.321 # |
| 13)                         | MA Dieldrin     | 6.355  | 5.357  | 97574    | 1274908  | 0.030 | 0.893 # |
| 14)                         | MA Endrin       | 0.000  | 5.639  | 0        | 236434   | N.D.  | 0.190 # |
| 15)                         | B Endosulfa...  | 6.783f | 5.913  | 1767140  | 43839    | 0.622 | 0.036 # |
| 16)                         | A 4,4'-DDD      | 6.729  | 5.777  | 1752086  | 243012   | 0.737 | 0.249 # |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.024  | 581276   | 953663   | 0.248 | 1.017 # |
| 18)                         | B Endrin al...  | 6.962f | 6.123f | -41586   | 552778   | N.D.  | 0.572   |
| 19)                         | B Endosulfa...  | 0.000  | 6.323  | 0        | 315495   | N.D.  | 0.273 # |
| 20)                         | A Methoxychlor  | 7.532f | 6.580f | -15018   | 113628   | N.D.  | 0.210   |
| 21)                         | B Endrin ke...  | 7.689f | 6.826  | 193698   | 46554    | 0.065 | 0.034 # |
| 23)                         | Chlordane-1     | 0.000  | 3.766  | 0        | 2146792  | N.D.  | 5.393 # |
| 24)                         | Chlordane-2     | 5.257f | 4.353  | 917848   | 210577   | 0.887 | 0.532 # |
| 25)                         | Chlordane-3     | 5.950  | 4.972  | 754146   | 1294507  | 0.158 | 0.961 # |
| 26)                         | Chlordane-4     | 6.033  | 5.025  | 1005765  | 2256848  | 0.179 | 1.729 # |
| 27)                         | Chlordane-5     | 0.000  | 5.913f | 0        | 43839    | N.D.  | 0.092 # |
| -----                       |                 |        |        |          |          |       |         |

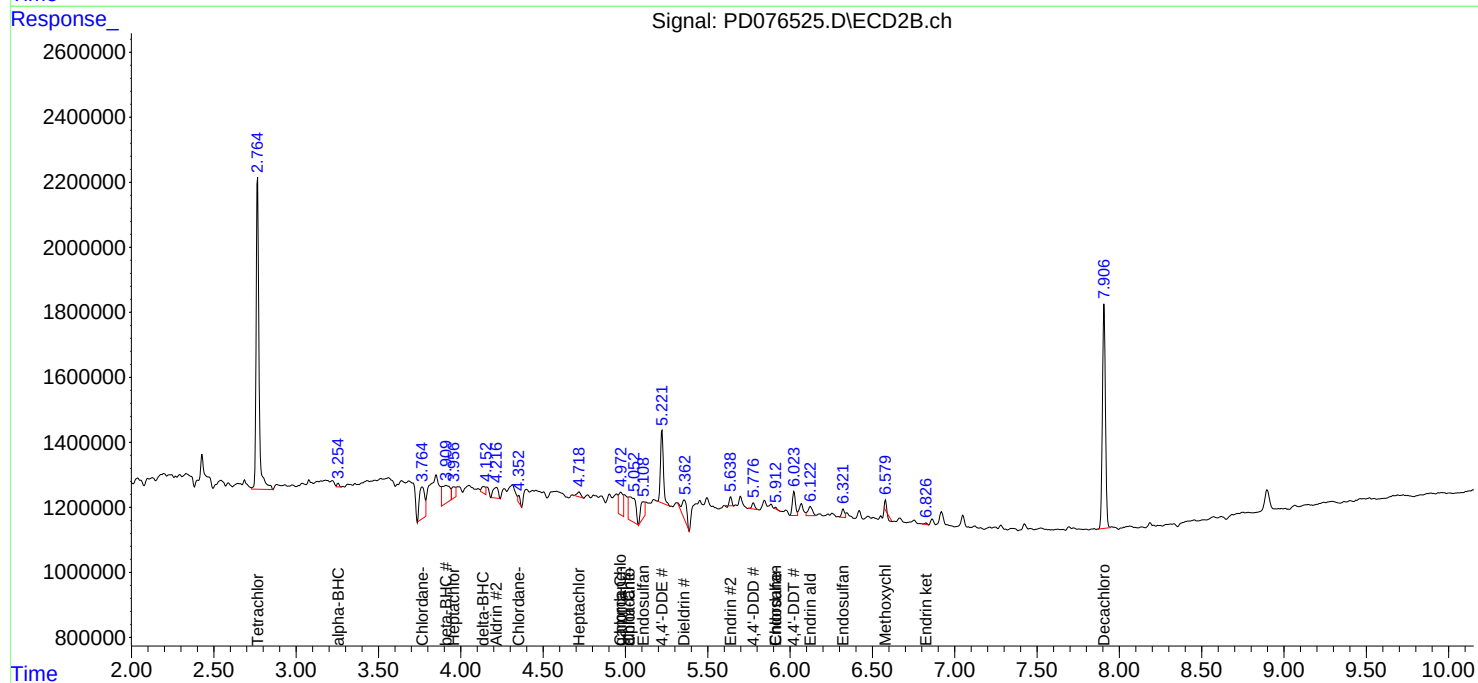
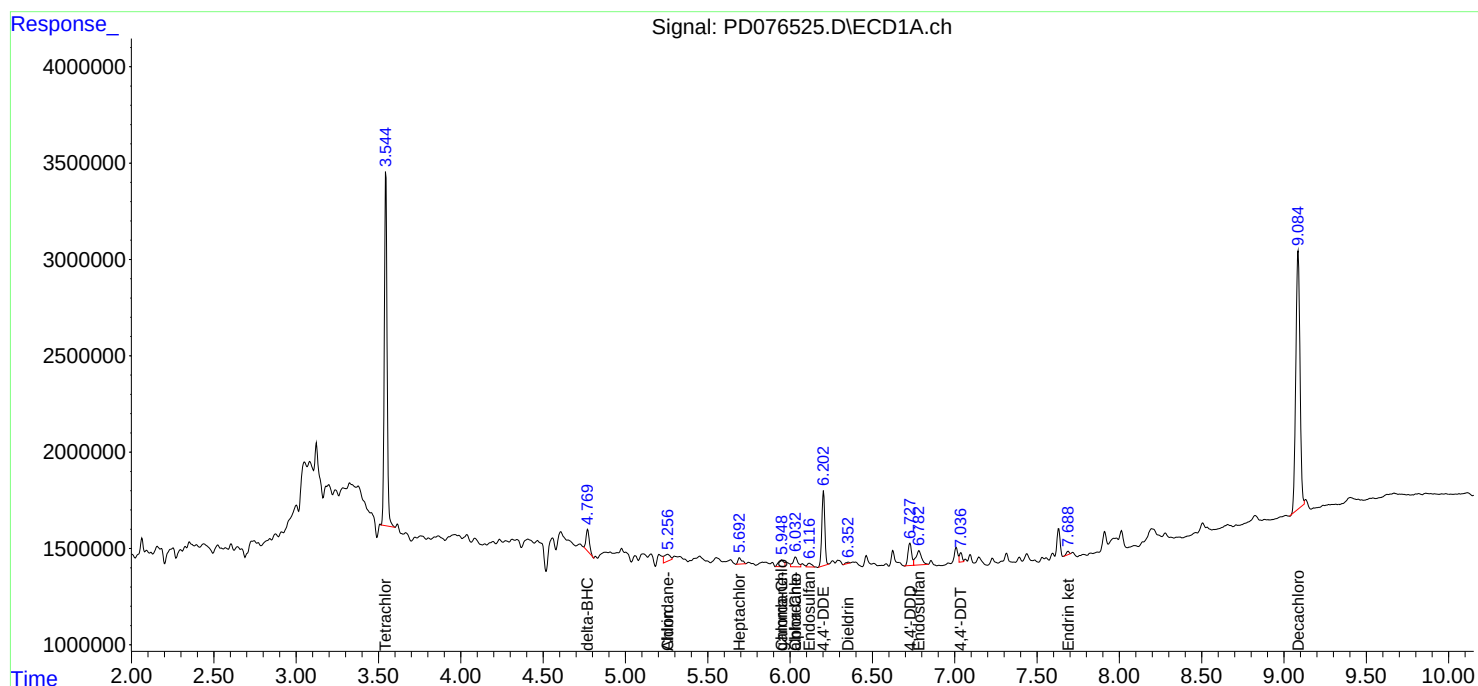
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

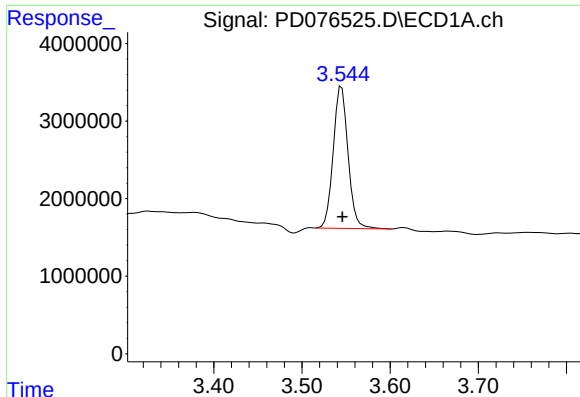
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
Data File : PD076525.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2023 23:26  
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Sample : 03570-03  
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Instrument :  
ECD\_D  
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Integration File signal 1: autoint1.e  
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Quant Time: Jul 12 02:06:18 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 01:40:01 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

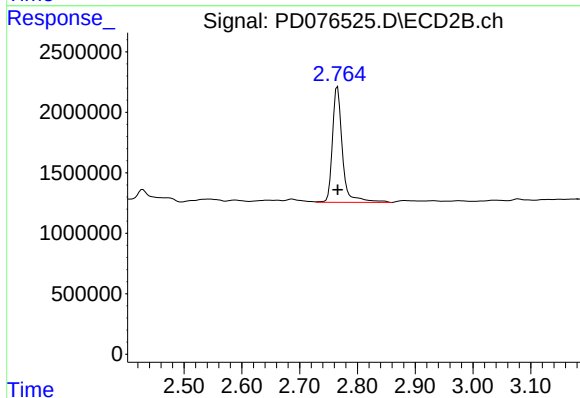




#1 Tetrachloro-m-xylene

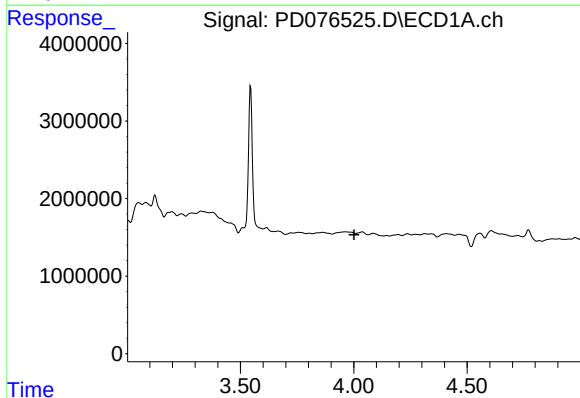
R.T.: 3.545 min  
Delta R.T.: -0.001 min  
Response: 21384922  
Conc: 9.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



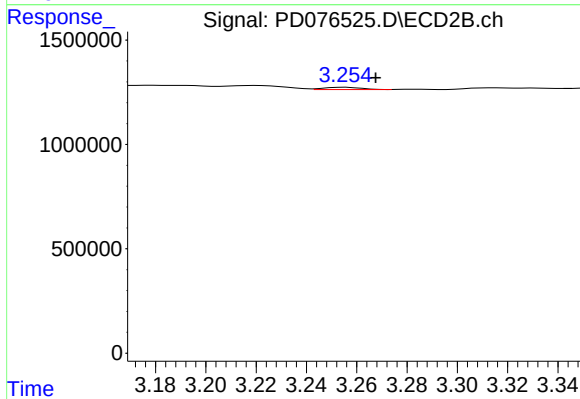
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 11559672  
Conc: 10.50 ng/ml



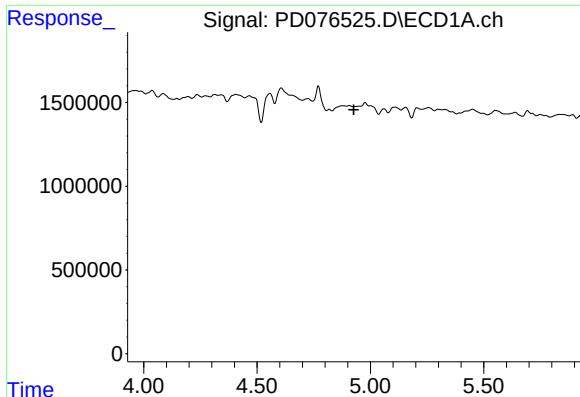
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

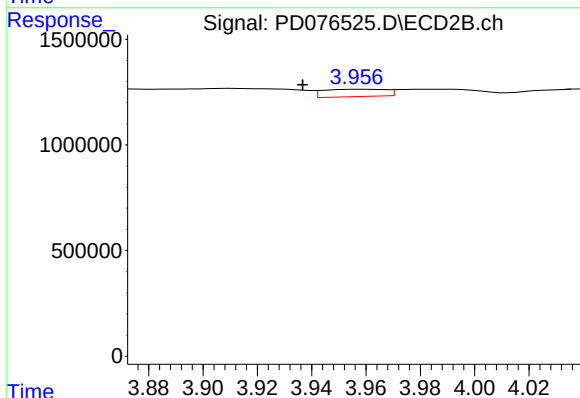
R.T.: 3.256 min  
Delta R.T.: -0.012 min  
Response: 112642  
Conc: 0.07 ng/ml



#4 Heptachlor

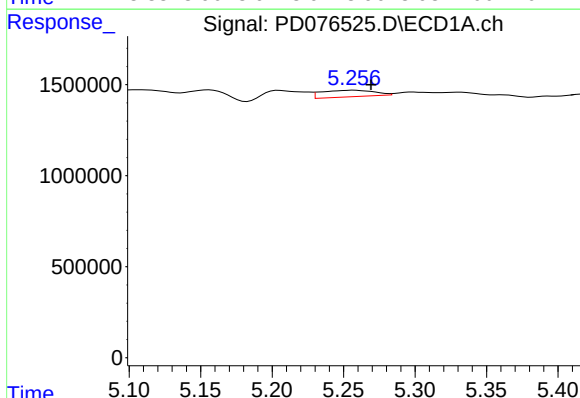
R.T.: 0.000 min  
Exp R.T.: 4.926 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



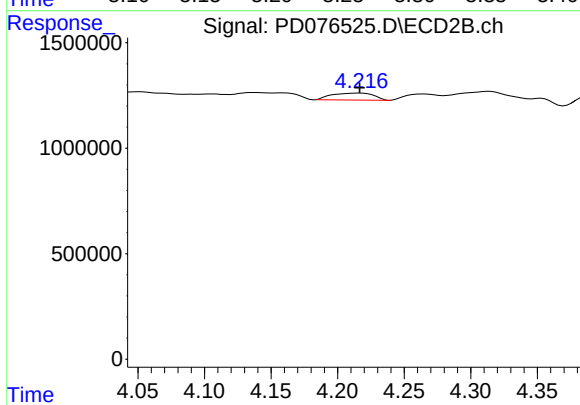
#4 Heptachlor

R.T.: 3.958 min  
Delta R.T.: 0.021 min  
Response: 555850  
Conc: 0.36 ng/ml



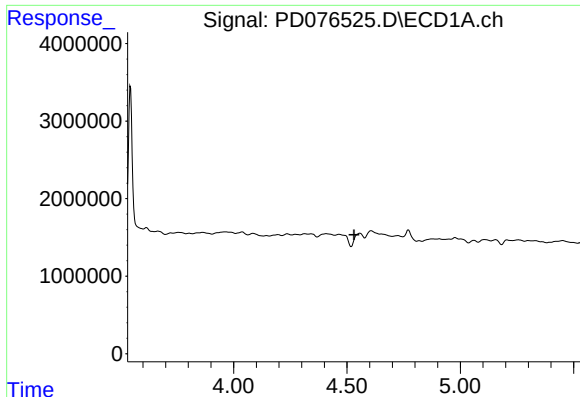
#5 Aldrin

R.T.: 5.257 min  
Delta R.T.: -0.012 min  
Response: 917848  
Conc: 0.25 ng/ml



#5 Aldrin

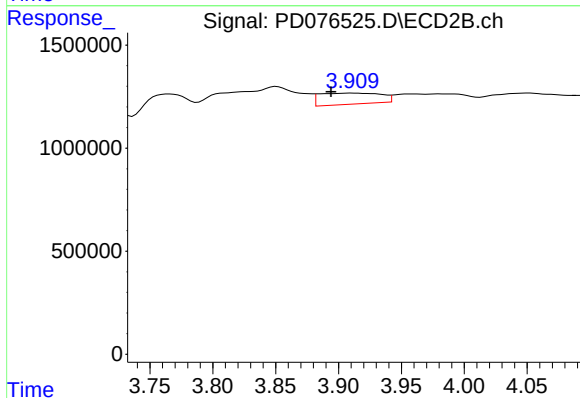
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 720857  
Conc: 0.46 ng/ml



#6 beta-BHC

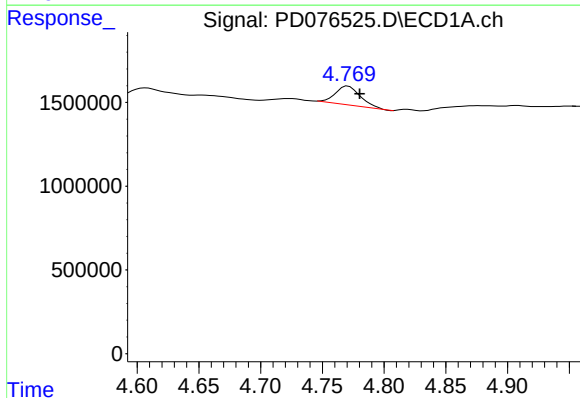
R.T.: 4.558 min  
Delta R.T.: 0.026 min  
Response: -99208  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



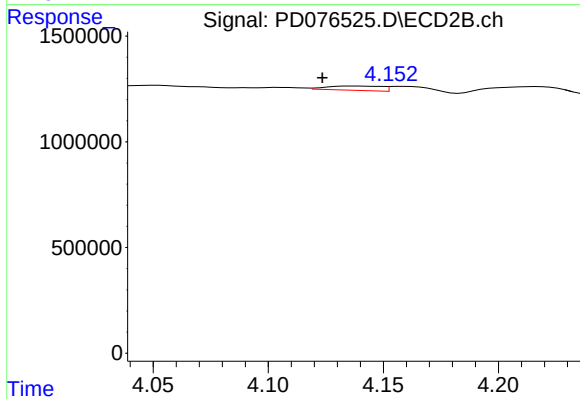
#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: 0.017 min  
Response: 1832588  
Conc: 2.77 ng/ml



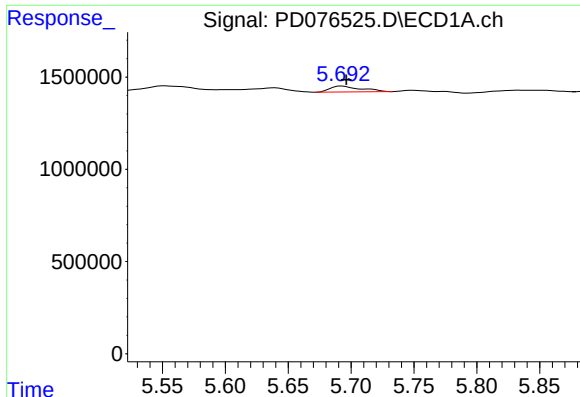
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.009 min  
Response: 1599219  
Conc: 0.46 ng/ml



#7 delta-BHC

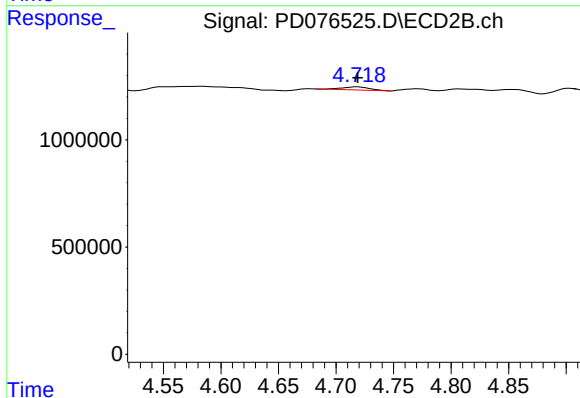
R.T.: 4.137 min  
Delta R.T.: 0.013 min  
Response: 340418  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

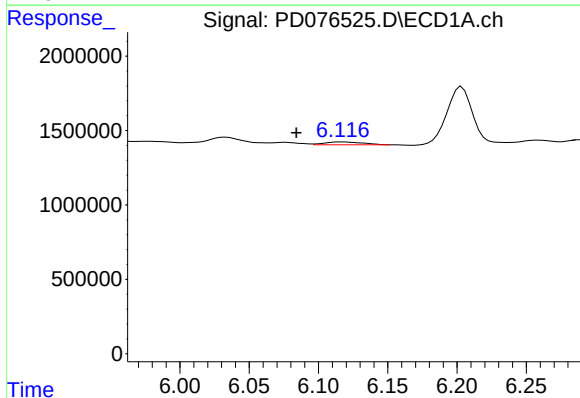
R.T.: 5.693 min  
Delta R.T.: -0.003 min  
Response: 549684  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



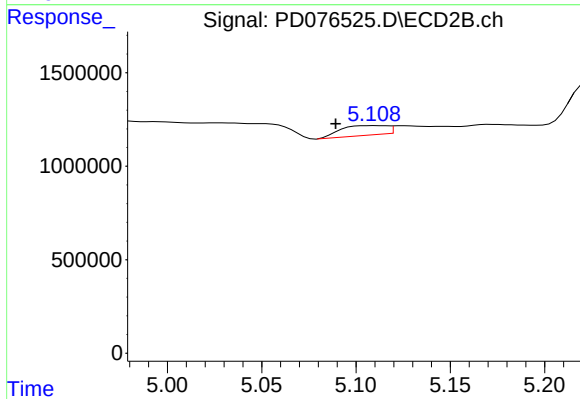
#8 Heptachlor epoxide

R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 245798  
Conc: 0.17 ng/ml



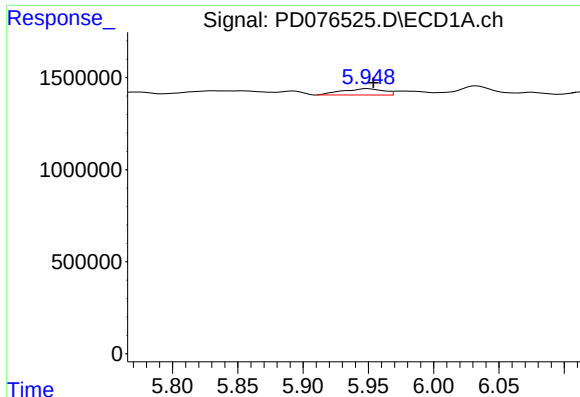
#9 Endosulfan I

R.T.: 6.117 min  
Delta R.T.: 0.033 min  
Response: 341846  
Conc: 0.11 ng/ml



#9 Endosulfan I

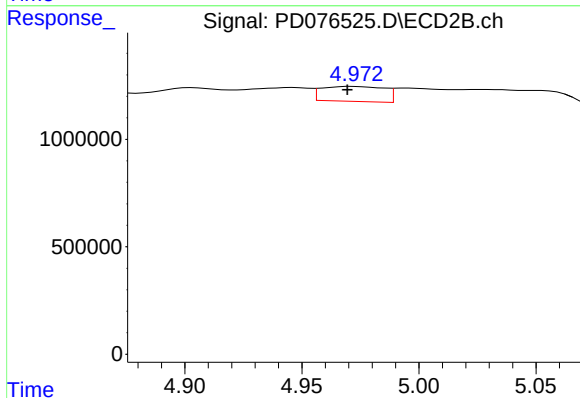
R.T.: 5.109 min  
Delta R.T.: 0.020 min  
Response: 890758  
Conc: 0.68 ng/ml



#10 gamma-Chlordane

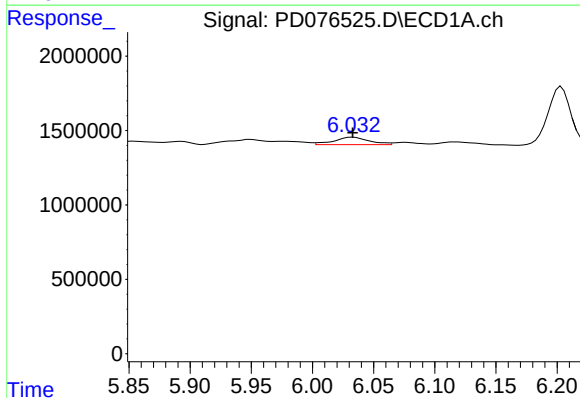
R.T.: 5.950 min  
Delta R.T.: -0.004 min  
Response: 754146  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



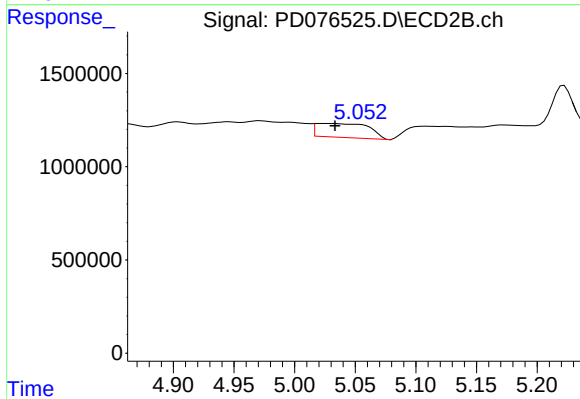
#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 1294507  
Conc: 0.92 ng/ml



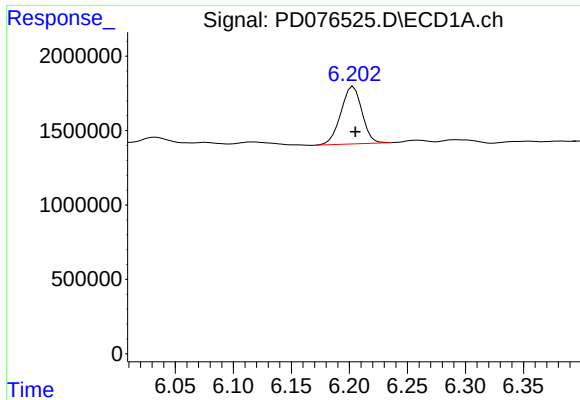
#11 alpha-Chlordane

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 1005765  
Conc: 0.30 ng/ml



#11 alpha-Chlordane

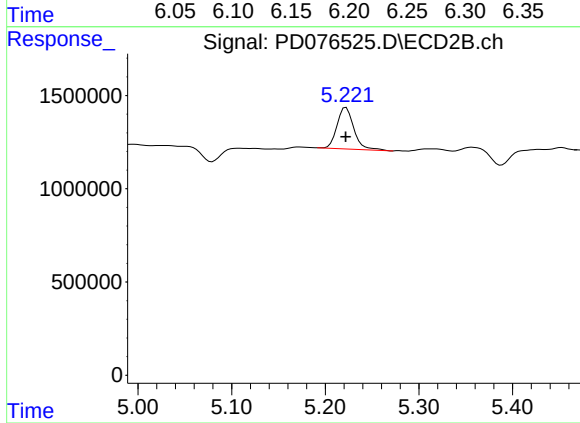
R.T.: 5.025 min  
Delta R.T.: -0.008 min  
Response: 2256848  
Conc: 1.59 ng/ml



#12 4,4'-DDE

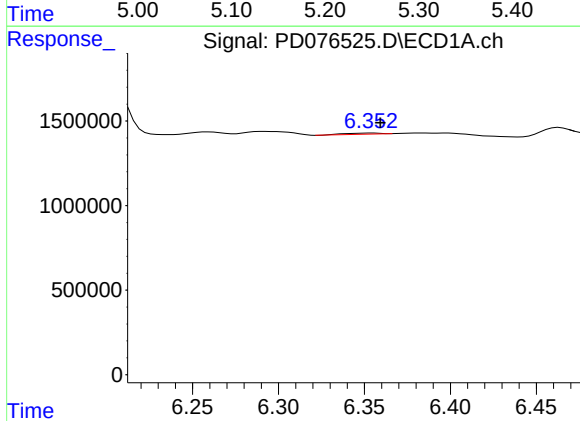
R.T.: 6.204 min  
Delta R.T.: -0.002 min  
Response: 4862562  
Conc: 1.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



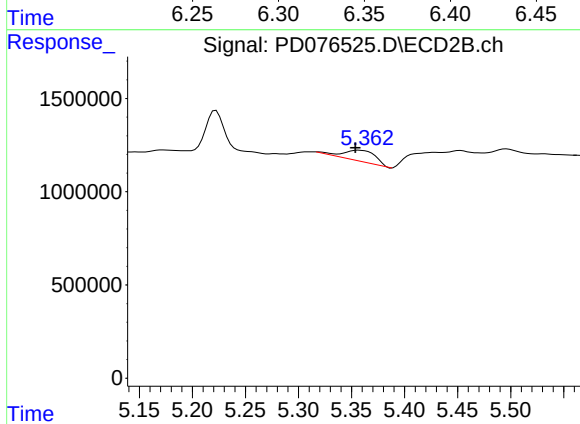
#12 4,4'-DDE

R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 2790948  
Conc: 2.32 ng/ml



#13 Dieldrin

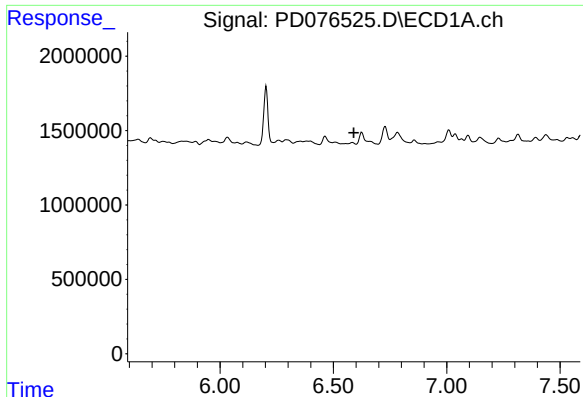
R.T.: 6.355 min  
Delta R.T.: -0.005 min  
Response: 97574  
Conc: 0.03 ng/ml



#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.003 min  
Response: 1274908  
Conc: 0.89 ng/ml

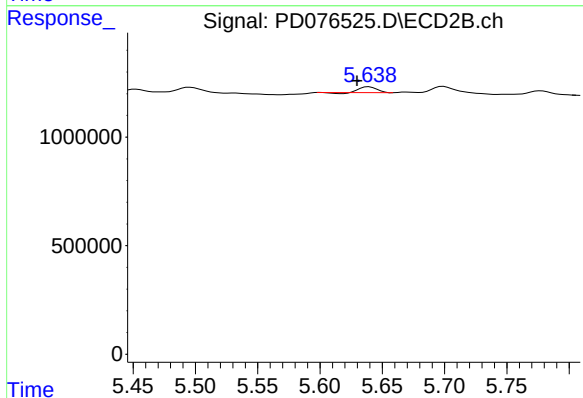




#14 Endrin

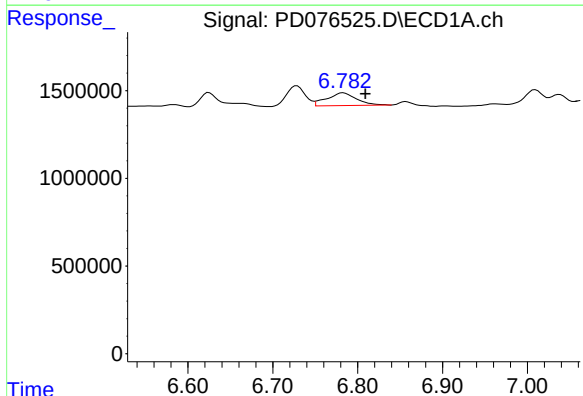
R.T.: 0.000 min  
Exp R.T.: 6.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



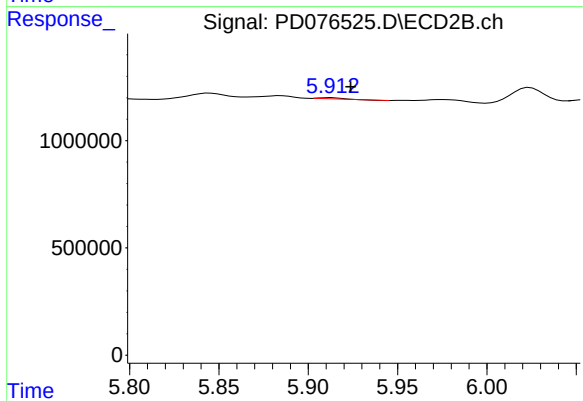
#14 Endrin

R.T.: 5.639 min  
Delta R.T.: 0.010 min  
Response: 236434  
Conc: 0.19 ng/ml



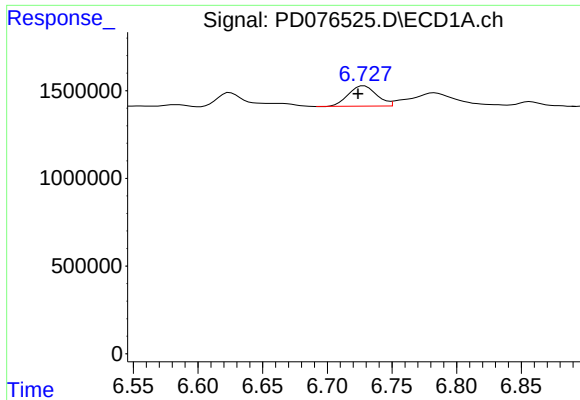
#15 Endosulfan II

R.T.: 6.783 min  
Delta R.T.: -0.026 min  
Response: 1767140  
Conc: 0.62 ng/ml



#15 Endosulfan II

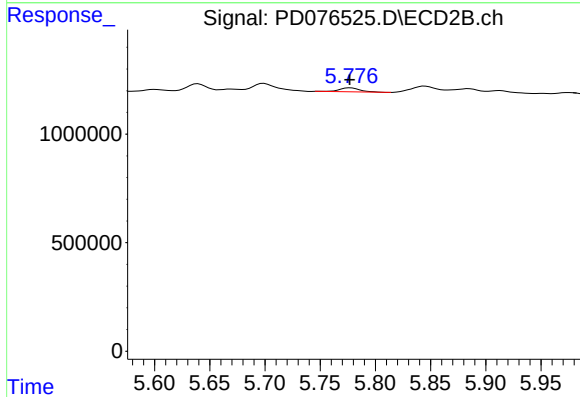
R.T.: 5.913 min  
Delta R.T.: -0.011 min  
Response: 43839  
Conc: 0.04 ng/ml



#16 4,4'-DDD

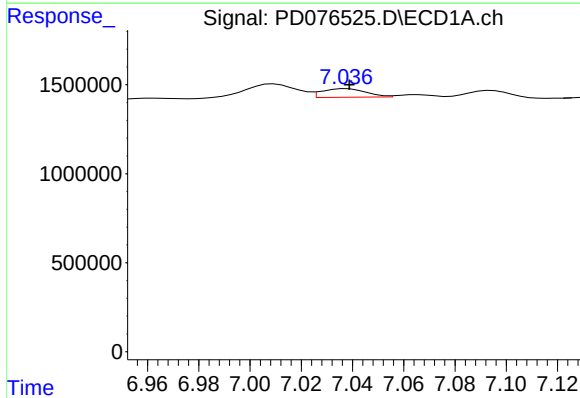
R.T.: 6.729 min  
Delta R.T.: 0.005 min  
Response: 1752086  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



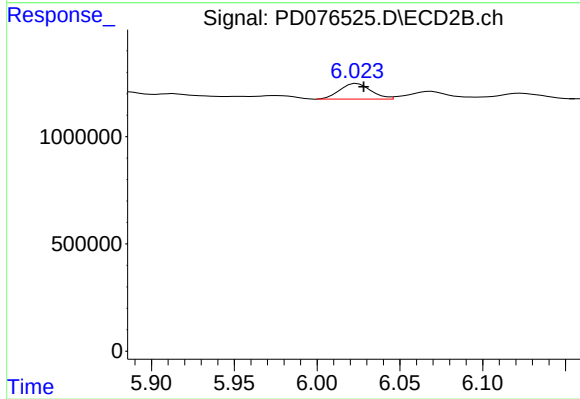
#16 4,4'-DDD

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 243012  
Conc: 0.25 ng/ml



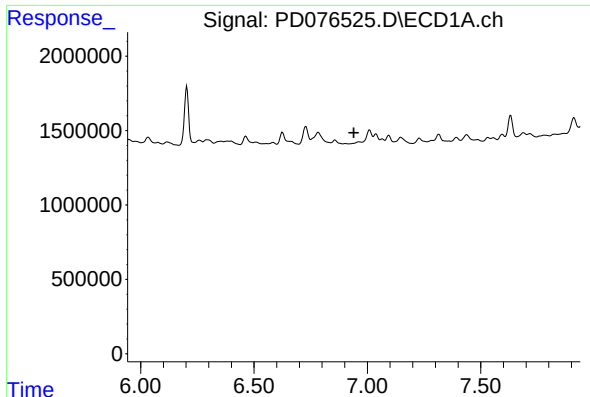
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.001 min  
Response: 581276  
Conc: 0.25 ng/ml



#17 4,4'-DDT

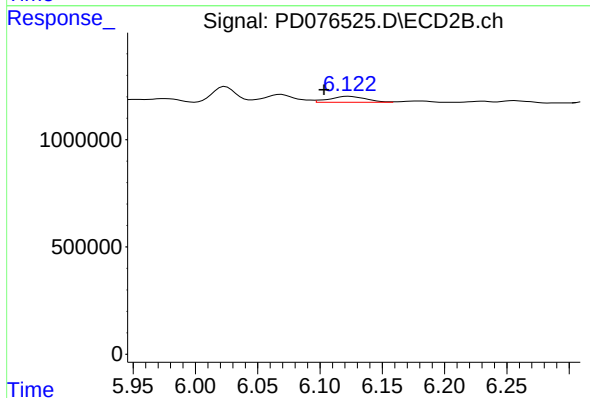
R.T.: 6.024 min  
Delta R.T.: -0.004 min  
Response: 953663  
Conc: 1.02 ng/ml



#18 Endrin aldehyde

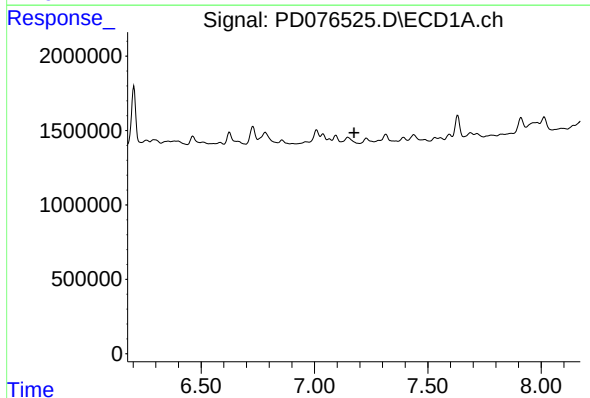
R.T.: 6.962 min  
Delta R.T.: 0.023 min  
Response: -41586  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



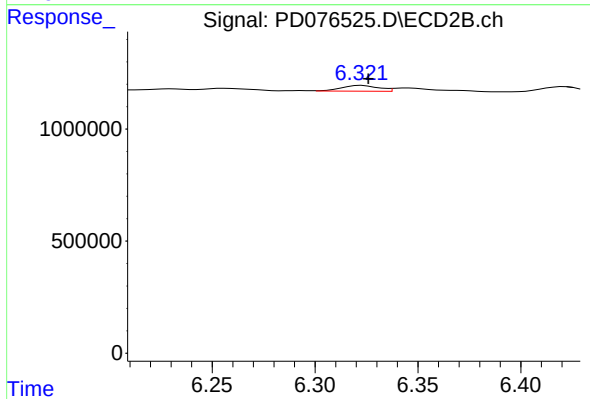
#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: 0.020 min  
Response: 552778  
Conc: 0.57 ng/ml



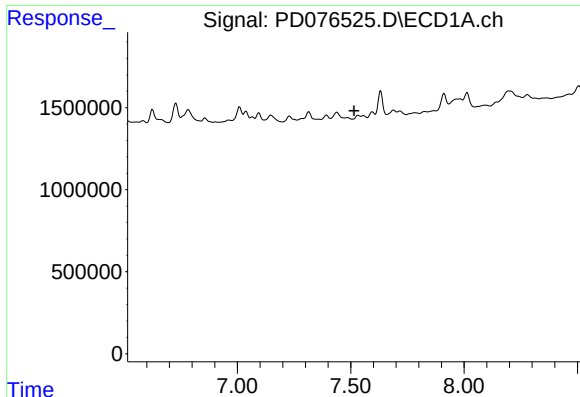
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.175 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

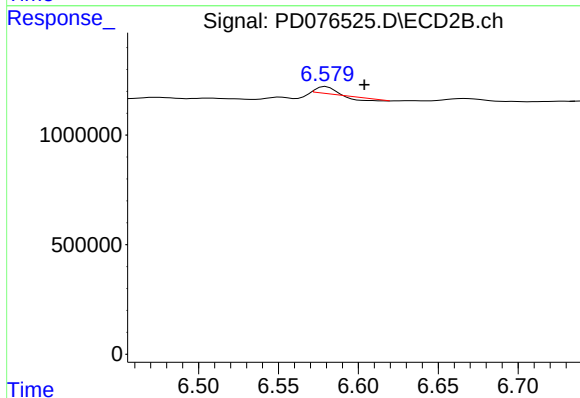
R.T.: 6.323 min  
Delta R.T.: -0.003 min  
Response: 315495  
Conc: 0.27 ng/ml



#20 Methoxychlor

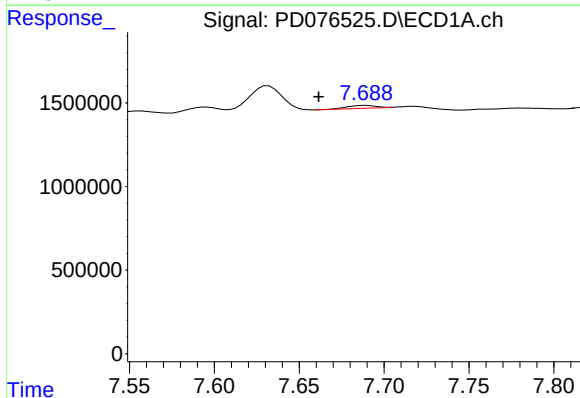
R.T.: 7.532 min  
Delta R.T.: 0.018 min  
Response: -15018  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



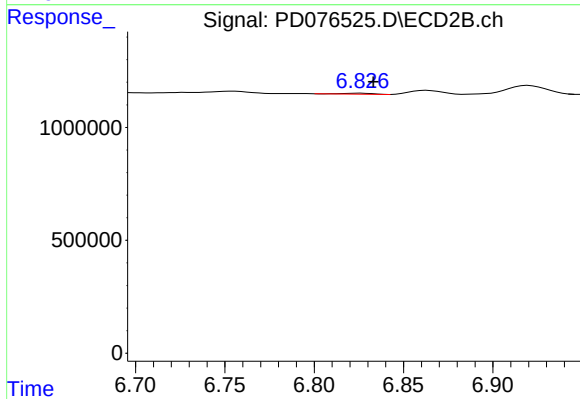
#20 Methoxychlor

R.T.: 6.580 min  
Delta R.T.: -0.024 min  
Response: 113628  
Conc: 0.21 ng/ml



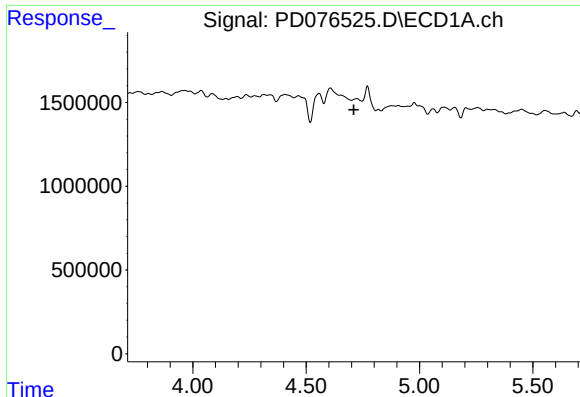
#21 Endrin ketone

R.T.: 7.689 min  
Delta R.T.: 0.028 min  
Response: 193698  
Conc: 0.06 ng/ml



#21 Endrin ketone

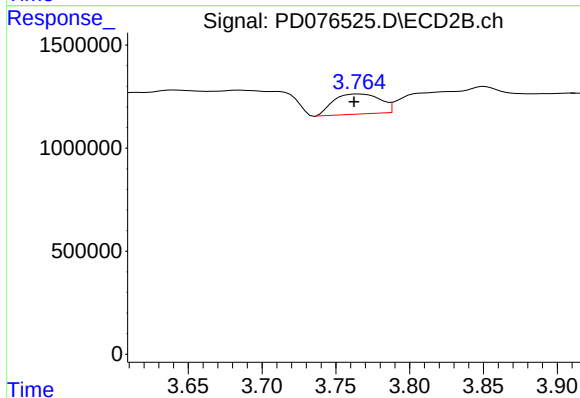
R.T.: 6.826 min  
Delta R.T.: -0.007 min  
Response: 46554  
Conc: 0.03 ng/ml



#23 Chlordane-1

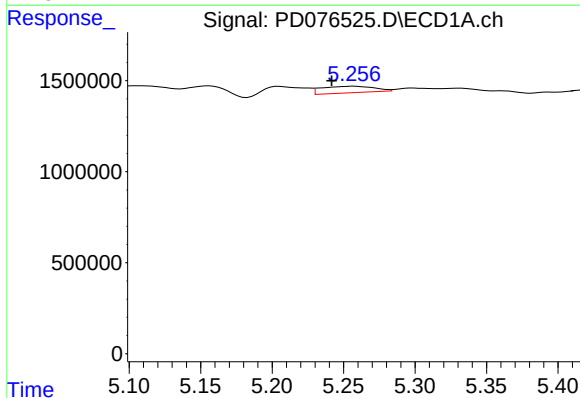
R.T.: 0.000 min  
Exp R.T.: 4.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



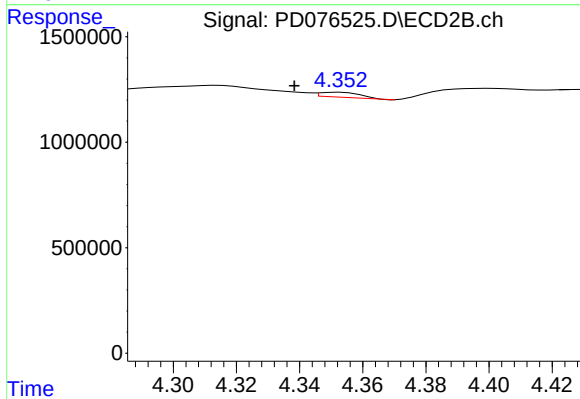
#23 Chlordane-1

R.T.: 3.766 min  
Delta R.T.: 0.003 min  
Response: 2146792  
Conc: 5.39 ng/ml



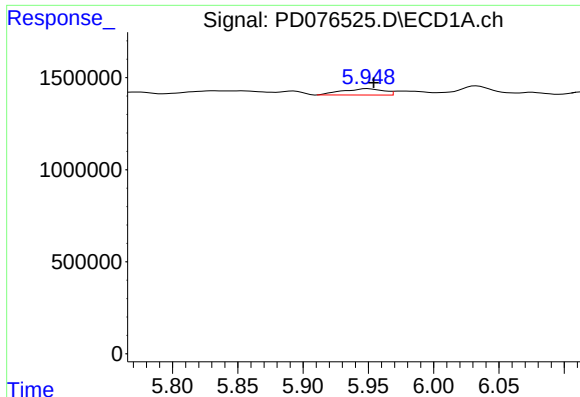
#24 Chlordane-2

R.T.: 5.257 min  
Delta R.T.: 0.016 min  
Response: 917848  
Conc: 0.89 ng/ml



#24 Chlordane-2

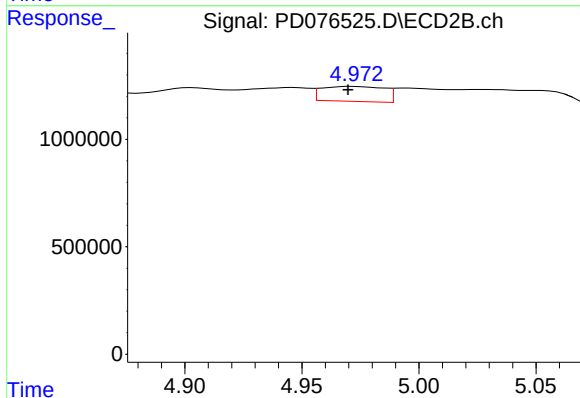
R.T.: 4.353 min  
Delta R.T.: 0.015 min  
Response: 210577  
Conc: 0.53 ng/ml



#25 Chlordane-3

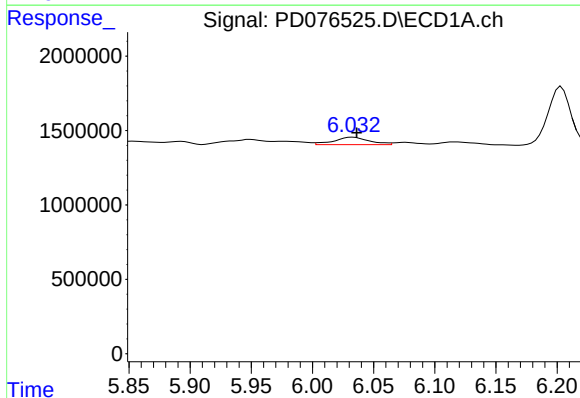
R.T.: 5.950 min  
Delta R.T.: -0.005 min  
Response: 754146  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



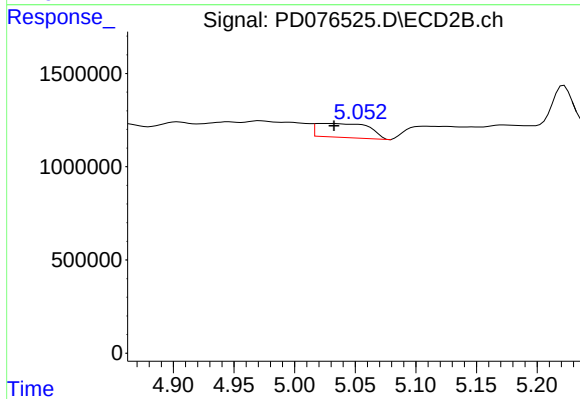
#25 Chlordane-3

R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 1294507  
Conc: 0.96 ng/ml



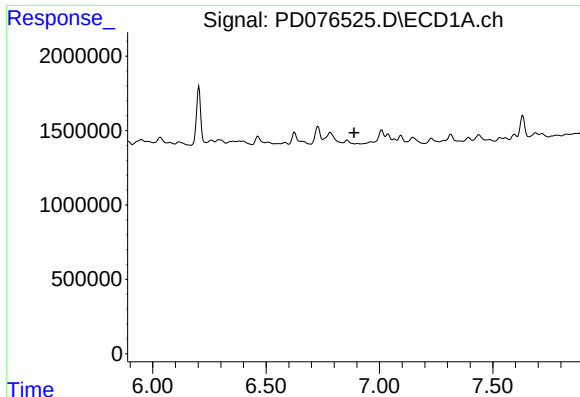
#26 Chlordane-4

R.T.: 6.033 min  
Delta R.T.: -0.003 min  
Response: 1005765  
Conc: 0.18 ng/ml



#26 Chlordane-4

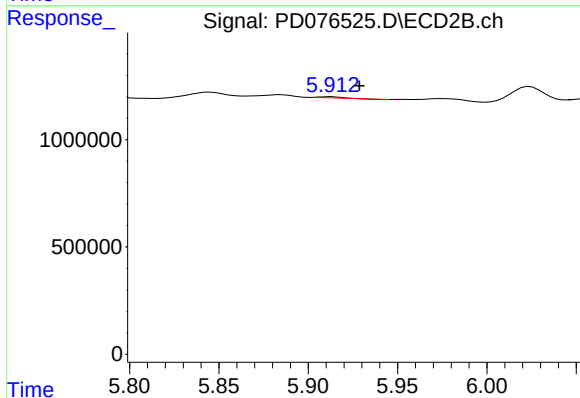
R.T.: 5.025 min  
Delta R.T.: -0.008 min  
Response: 2256848  
Conc: 1.73 ng/ml



#27 Chlordane-5

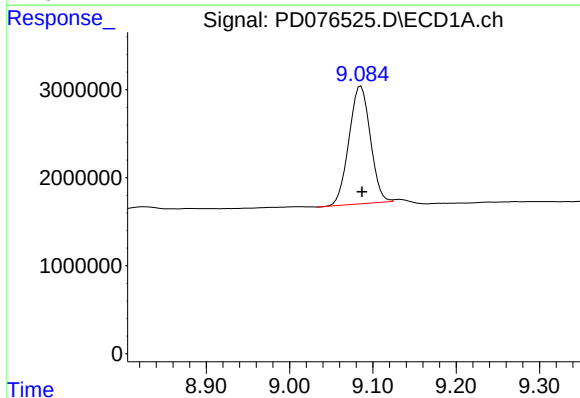
R.T.: 0.000 min  
Exp R.T.: 6.888 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



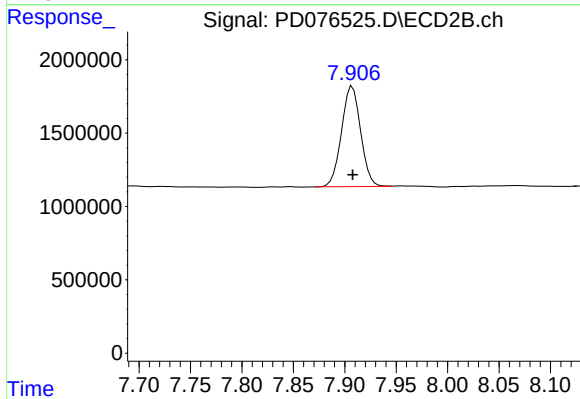
#27 Chlordane-5

R.T.: 5.913 min  
Delta R.T.: -0.016 min  
Response: 43839  
Conc: 0.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: -0.002 min  
Response: 23715831  
Conc: 9.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 8854684  
Conc: 8.56 ng/ml