

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051925\  
 Data File : PD088620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 21:21  
 Operator : AR\AJ  
 Sample : Q2027-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 B27-SOIL-SAMPLE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 04:45:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 2025  
 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... | 3.551  | 2.882  | 35045352 | 273.4E6  | 16.197 | 18.071   |
| 28)                         | SA Decachlor... | 9.076  | 8.075  | 45852647 | 227.8E6  | 13.398 | 12.478   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.000  | 3.387  | -111562  | 1309742  | N.D.   | 0.055    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.726  | 0        | 8892914  | N.D.   | 0.401 #  |
| 4)                          | MA Heptachlor   | 4.945  | 4.072  | 515495   | 15567698 | 0.115  | 0.693 #  |
| 5)                          | MB Aldrin       | 5.279  | 4.373  | 1104468  | 3450623  | 0.251  | 0.157 #  |
| 6)                          | B beta-BHC      | 4.523  | 0.000  | 1804779  | 0        | 1.001  | N.D. #   |
| 7)                          | B delta-BHC     | 4.782f | 4.237f | 12161664 | 22480126 | 2.878  | 1.008 #  |
| 8)                          | B Heptachlo...  | 5.693  | 4.862  | 3282878  | 3419270  | 0.827  | 0.172 #  |
| 9)                          | A Endosulfan I  | 6.068  | 5.254  | 439854   | 2385635  | 0.117  | 0.126    |
| 10)                         | B gamma-Chl...  | 5.933f | 5.122  | 190580   | 4019452  | 0.048  | 0.188 #  |
| 11)                         | B alpha-Chl...  | 6.024  | 5.211f | 292792   | 6150693  | 0.073  | 0.298 #  |
| 12)                         | B 4,4'-DDE      | 6.216f | 5.396f | -69937   | 2769408  | N.D.   | 0.132    |
| 13)                         | MA Dieldrin     | 6.353  | 5.517  | 1350568  | -959975  | 0.337  | N.D. #   |
| 14)                         | MA Endrin       | 6.585  | 0.000  | 48974    | 0        | 0.014  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.765f | 0.000  | 498021   | 0        | 0.145  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.929  | 0        | 5195414  | N.D.   | 0.299 #  |
| 17)                         | MA 4,4'-DDT     | 6.996f | 0.000  | 1256319  | 0        | 0.402  | N.D. #   |
| 18)                         | B Endrin al...  | 6.927  | 6.277  | 492915   | 1085322  | 0.191  | 0.078 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.753  | 0        | 2060427  | N.D.   | 0.215 #  |
| 22)                         | Mirex           | 0.000  | 7.209f | 0        | 1446810  | N.D.   | 0.095 #  |
| 23)                         | Chlordane-1     | 4.688f | 3.910  | 803617   | 10560525 | 4.459  | 12.780 # |
| 24)                         | Chlordane-2     | 5.217f | 4.528f | 462796   | 683514   | 2.522  | 0.810 #  |
| 25)                         | Chlordane-3     | 5.933  | 5.122  | 190580   | 4019452  | 0.258  | 1.524 #  |
| 26)                         | Chlordane-4     | 6.024  | 5.211  | 292792   | 6150693  | 0.327  | 2.780 #  |
| -----                       |                 |        |        |          |          |        |          |

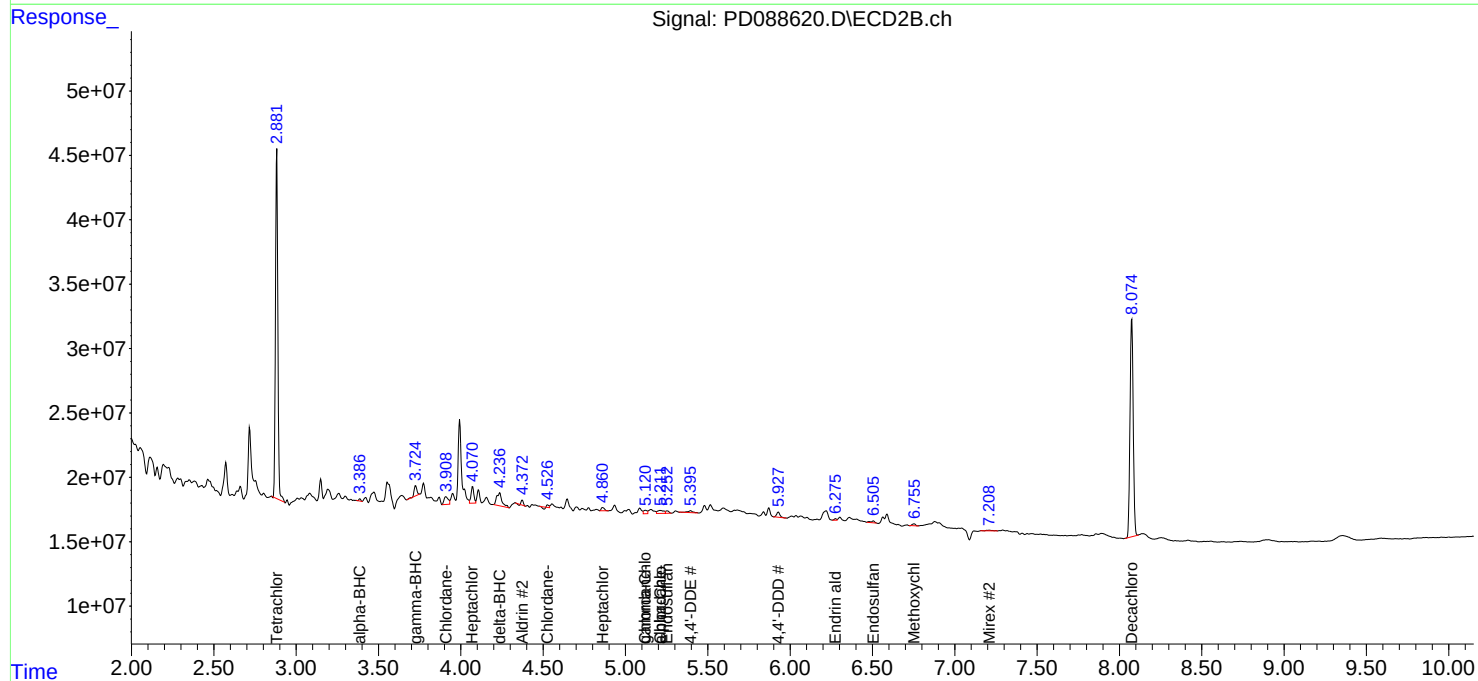
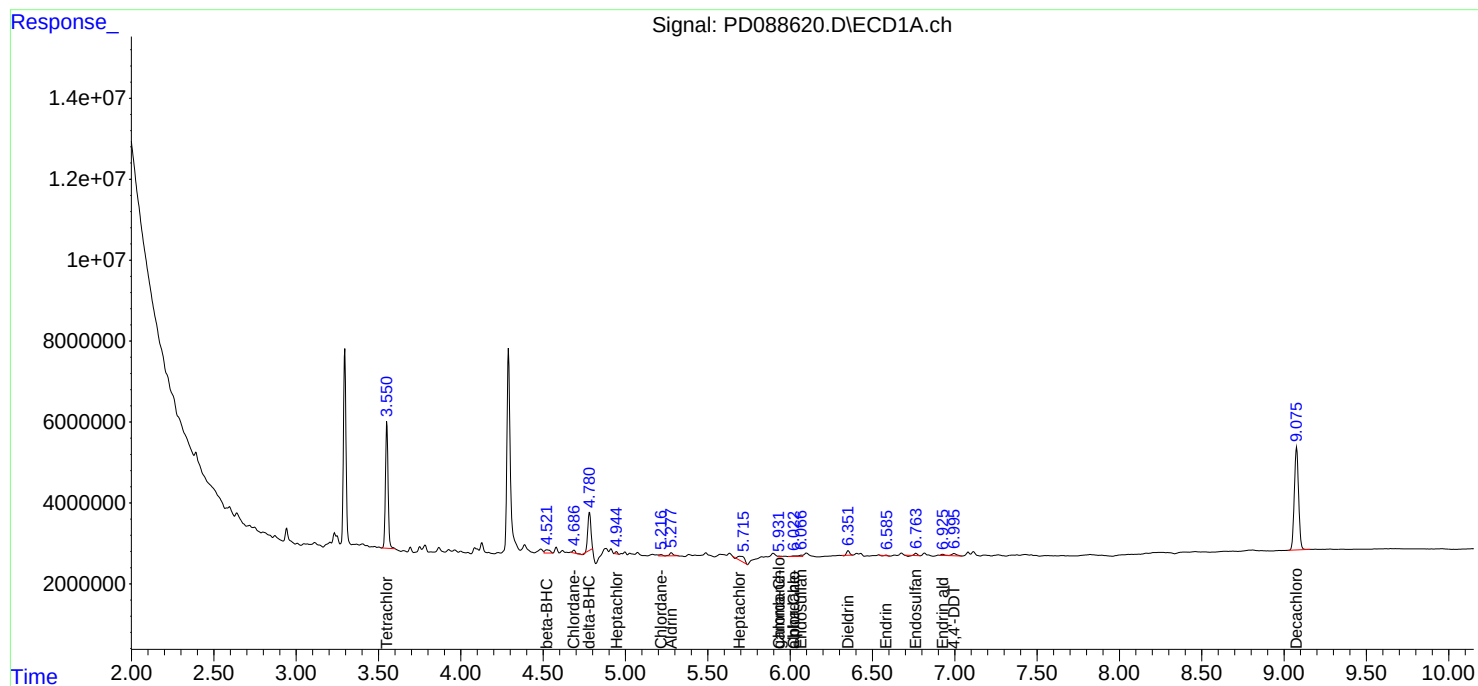
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

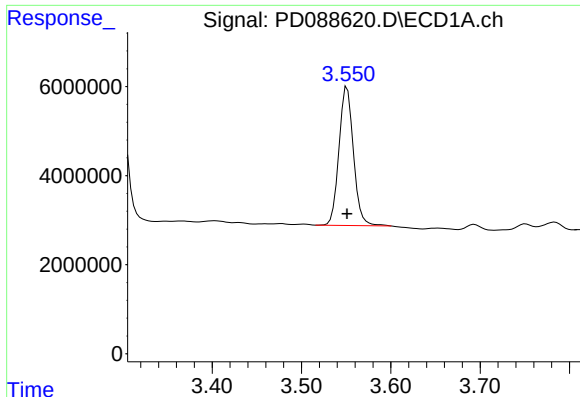
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051925\  
Data File : PD088620.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 21:21  
Operator : AR\AJ  
Sample : Q2027-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 04:45:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 2025  
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

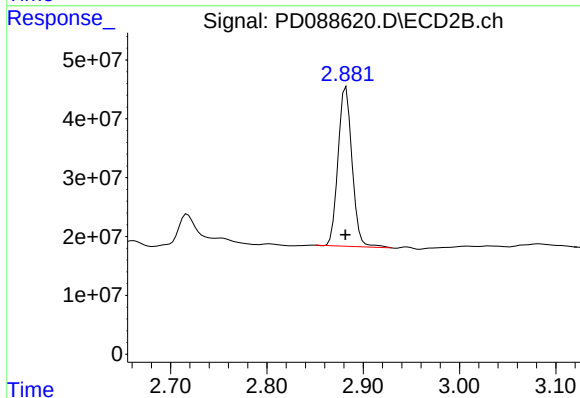




#1 Tetrachloro-m-xylene

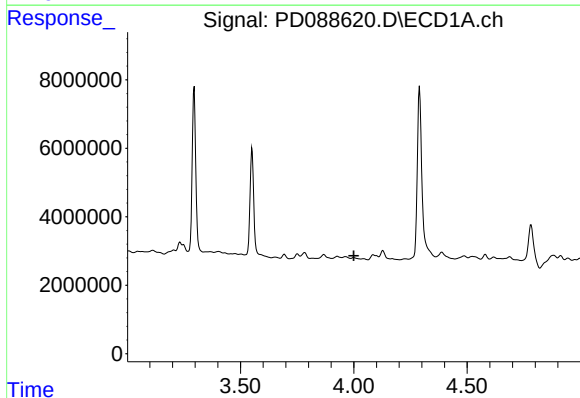
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 35045352  
Conc: 16.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



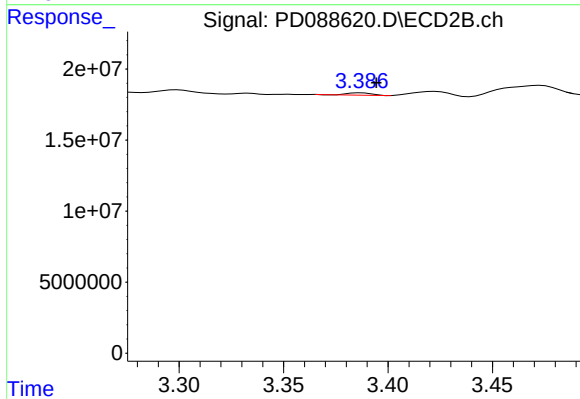
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 273356657  
Conc: 18.07 ng/ml



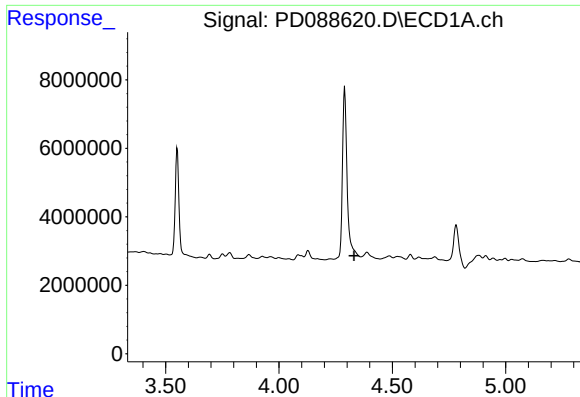
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: -111562  
Conc: N.D.



#2 alpha-BHC

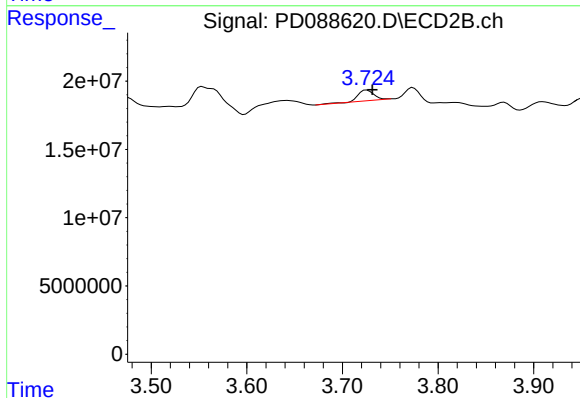
R.T.: 3.387 min  
Delta R.T.: -0.007 min  
Response: 1309742  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

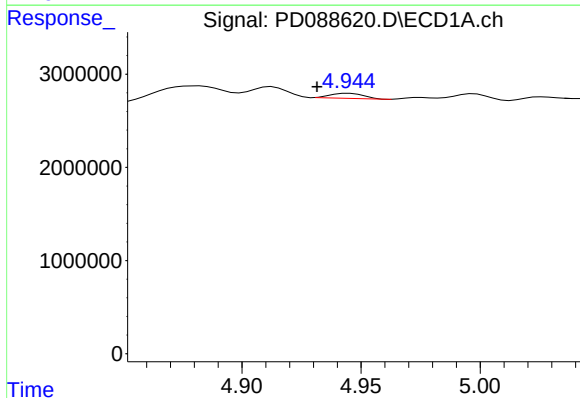
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



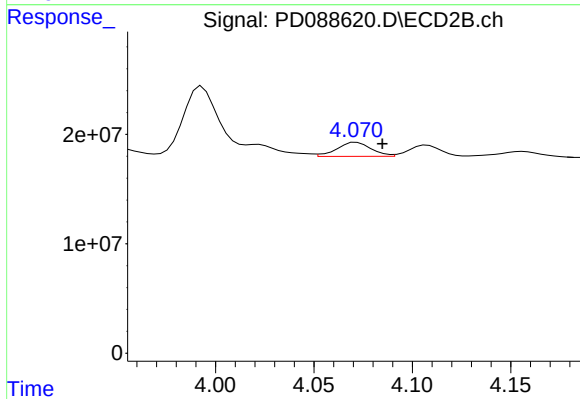
#3 gamma-BHC (Lindane)

R.T.: 3.726 min  
Delta R.T.: -0.006 min  
Response: 8892914  
Conc: 0.40 ng/ml



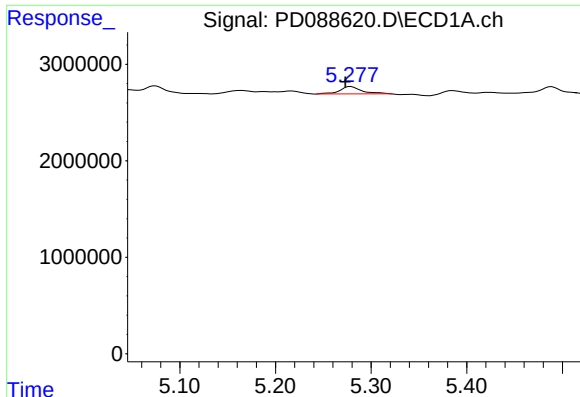
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: 0.014 min  
Response: 515495  
Conc: 0.12 ng/ml



#4 Heptachlor

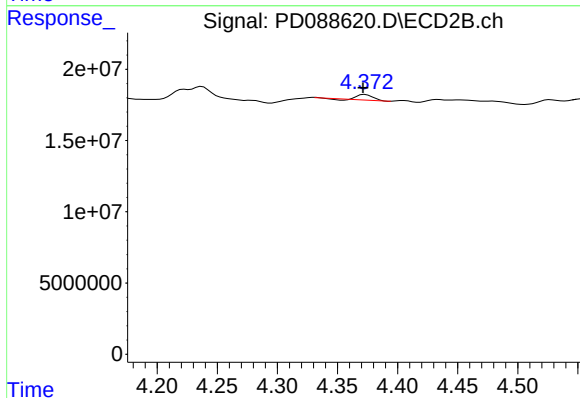
R.T.: 4.072 min  
Delta R.T.: -0.013 min  
Response: 15567698  
Conc: 0.69 ng/ml



#5 Aldrin

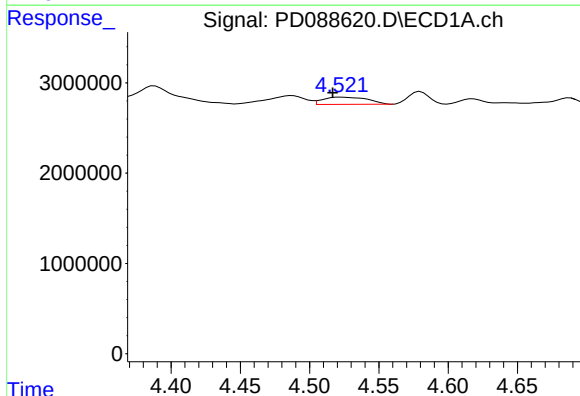
R.T.: 5.279 min  
Delta R.T.: 0.005 min  
Response: 1104468  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



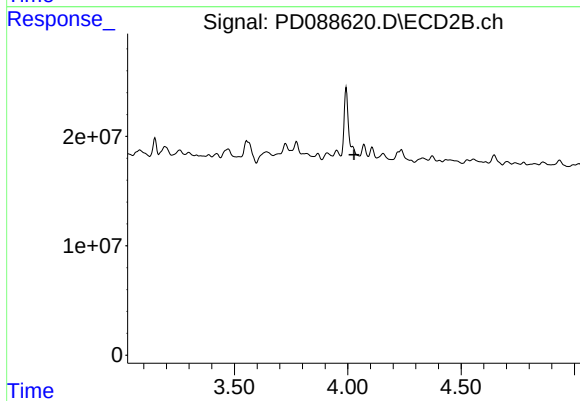
#5 Aldrin

R.T.: 4.373 min  
Delta R.T.: 0.002 min  
Response: 3450623  
Conc: 0.16 ng/ml



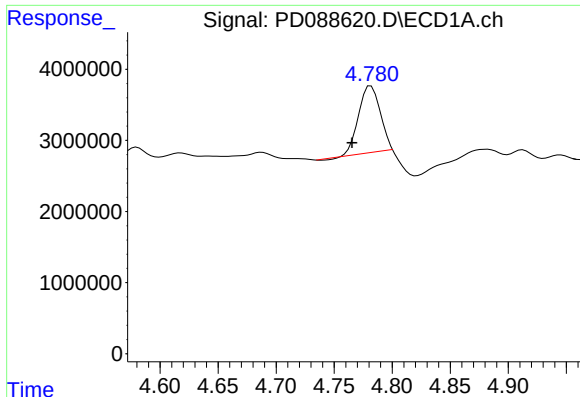
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: 0.006 min  
Response: 1804779  
Conc: 1.00 ng/ml



#6 beta-BHC

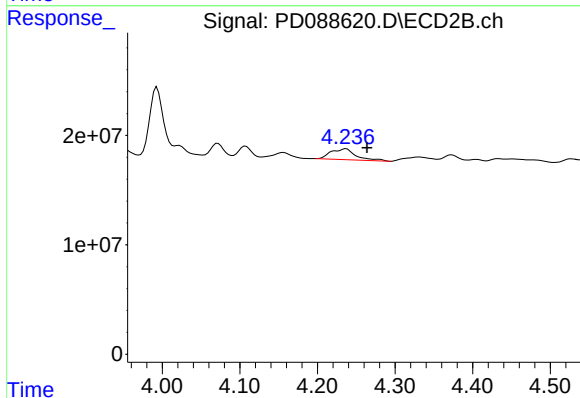
R.T.: 0.000 min  
Exp R.T. : 4.027 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

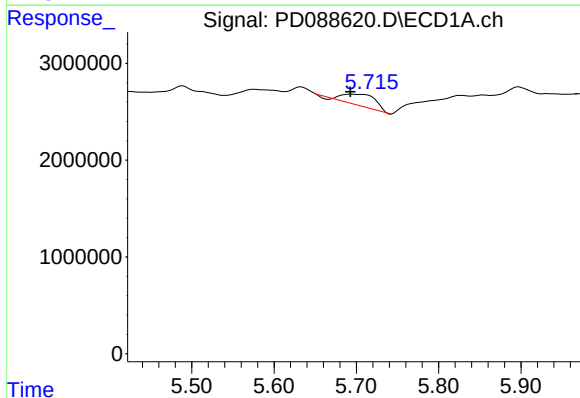
R.T.: 4.782 min  
Delta R.T.: 0.016 min  
Response: 12161664  
Conc: 2.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



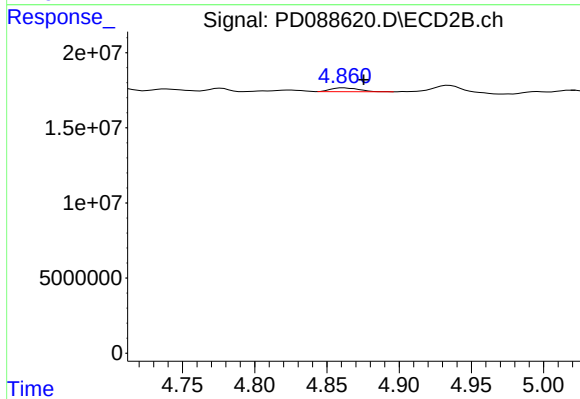
#7 delta-BHC

R.T.: 4.237 min  
Delta R.T.: -0.027 min  
Response: 22480126  
Conc: 1.01 ng/ml



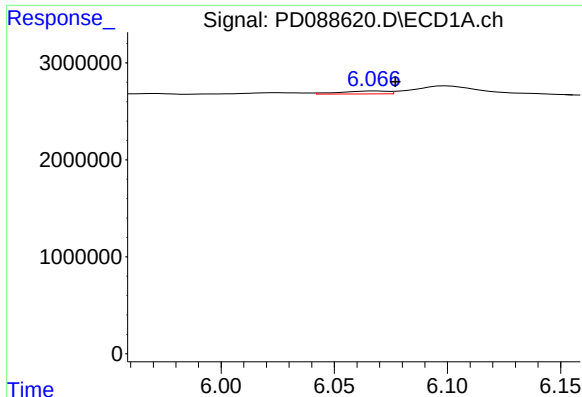
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 3282878  
Conc: 0.83 ng/ml



#8 Heptachlor epoxide

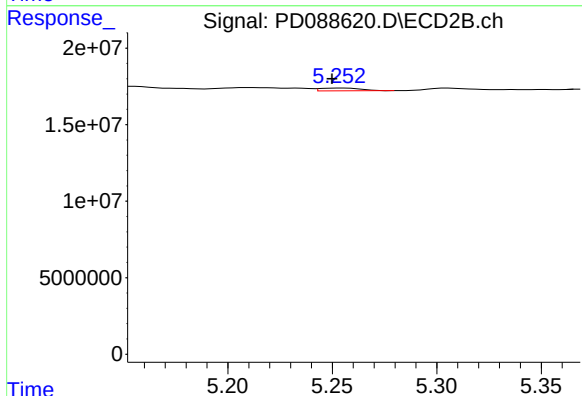
R.T.: 4.862 min  
Delta R.T.: -0.014 min  
Response: 3419270  
Conc: 0.17 ng/ml



#9 Endosulfan I

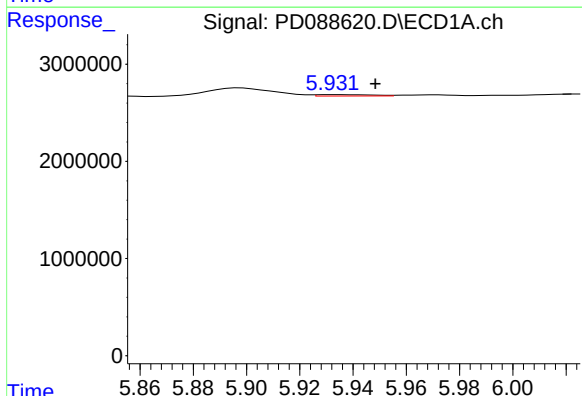
R.T.: 6.068 min  
Delta R.T.: -0.009 min  
Response: 439854  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



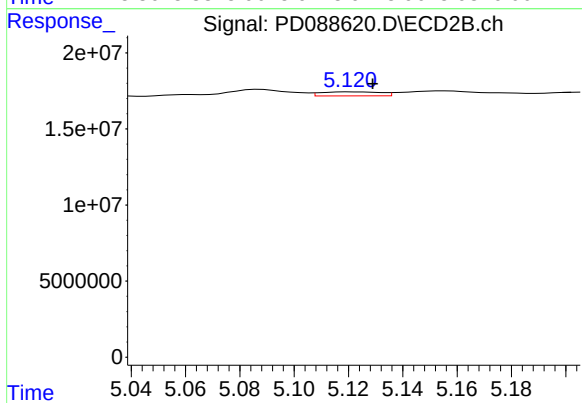
#9 Endosulfan I

R.T.: 5.254 min  
Delta R.T.: 0.004 min  
Response: 2385635  
Conc: 0.13 ng/ml



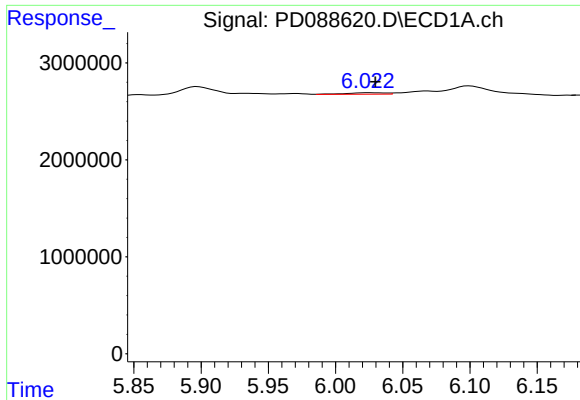
#10 gamma-Chlordane

R.T.: 5.933 min  
Delta R.T.: -0.016 min  
Response: 190580  
Conc: 0.05 ng/ml



#10 gamma-Chlordane

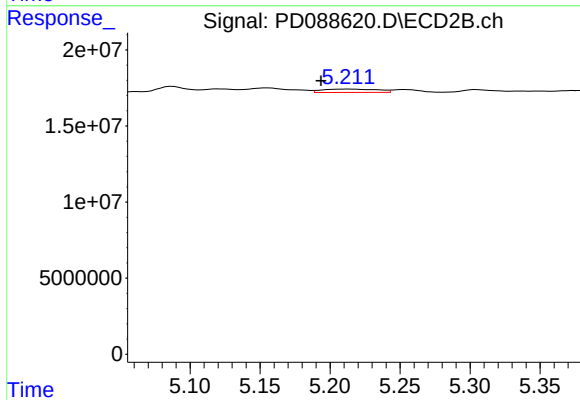
R.T.: 5.122 min  
Delta R.T.: -0.007 min  
Response: 4019452  
Conc: 0.19 ng/ml



#11 alpha-Chlordane

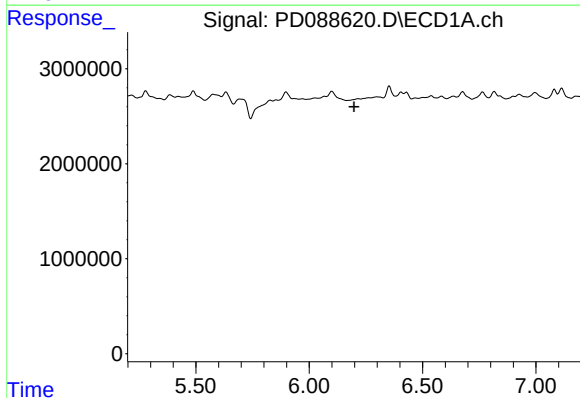
R.T.: 6.024 min  
Delta R.T.: -0.006 min  
Response: 292792  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



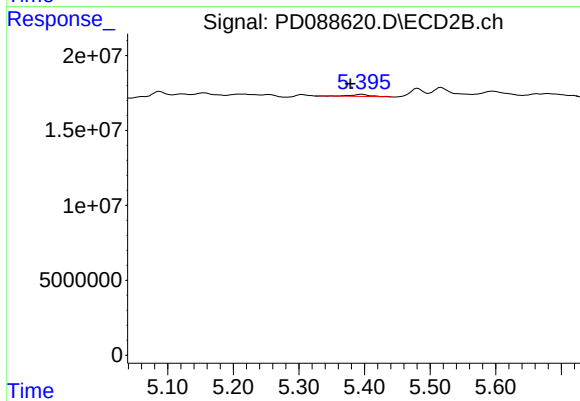
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.018 min  
Response: 6150693  
Conc: 0.30 ng/ml



#12 4,4'-DDE

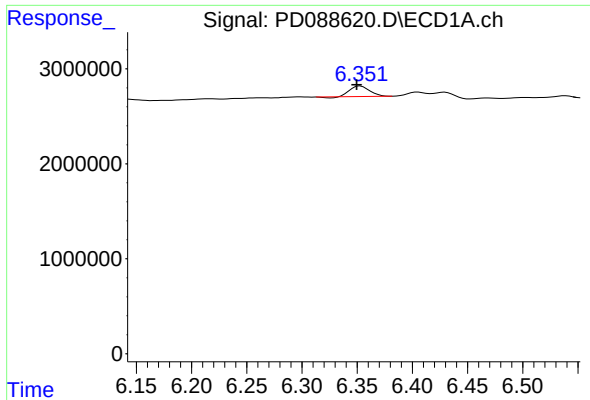
R.T.: 6.216 min  
Delta R.T.: 0.018 min  
Response: -69937  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.396 min  
Delta R.T.: 0.018 min  
Response: 2769408  
Conc: 0.13 ng/ml

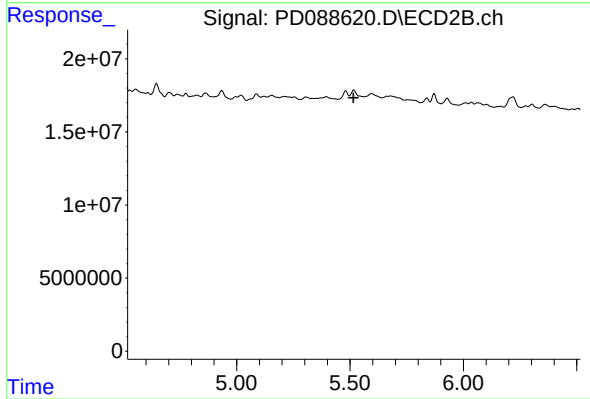




#13 Dieldrin

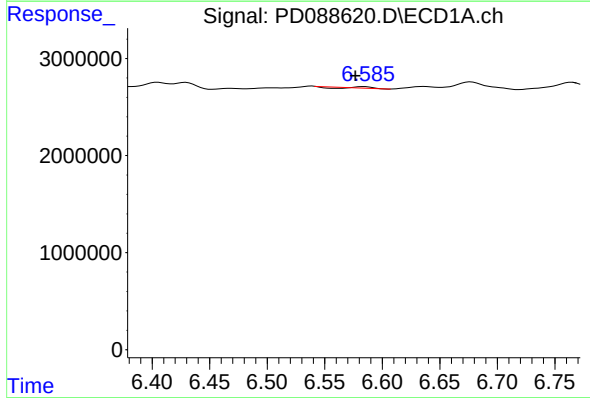
R.T.: 6.353 min  
Delta R.T.: 0.003 min  
Response: 1350568  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



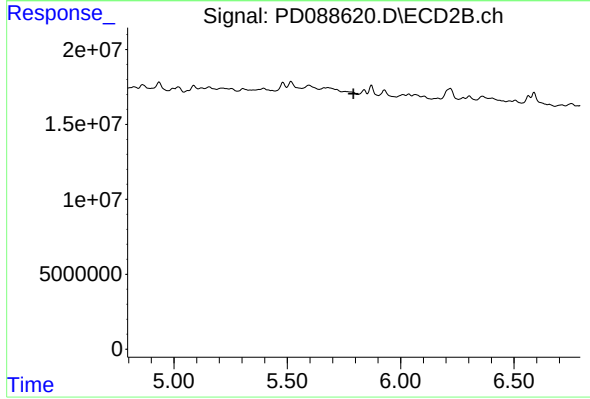
#13 Dieldrin

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: -959975  
Conc: N.D.



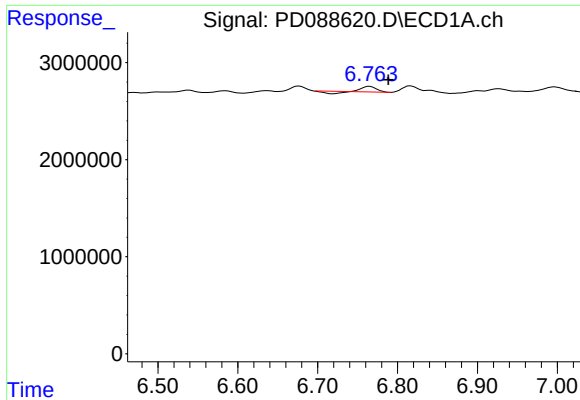
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.008 min  
Response: 48974  
Conc: 0.01 ng/ml



#14 Endrin

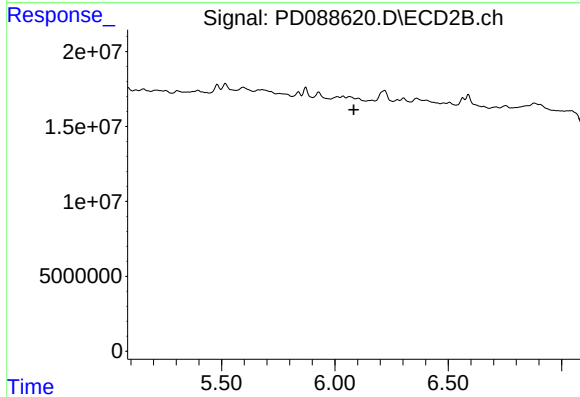
R.T.: 0.000 min  
Exp R.T. : 5.792 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

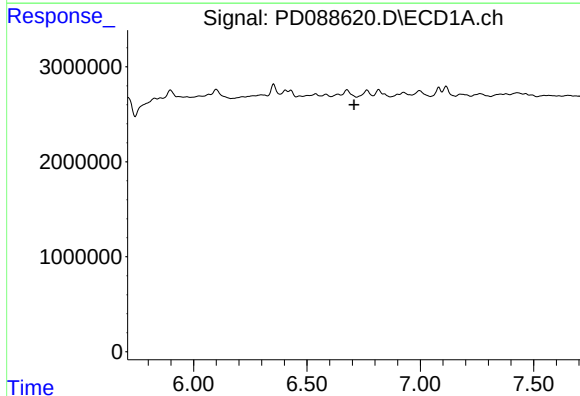
R.T.: 6.765 min  
Delta R.T.: -0.024 min  
Response: 498021  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



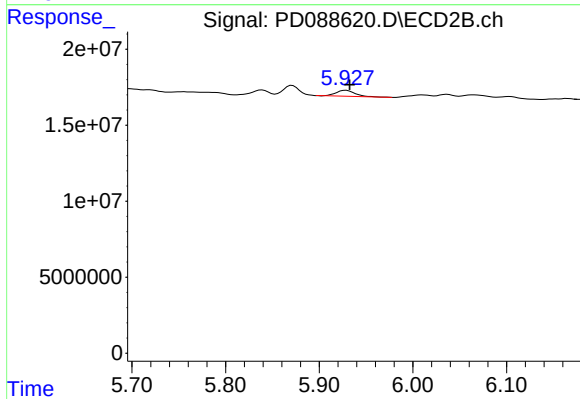
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.084 min  
Response: 0  
Conc: N.D.



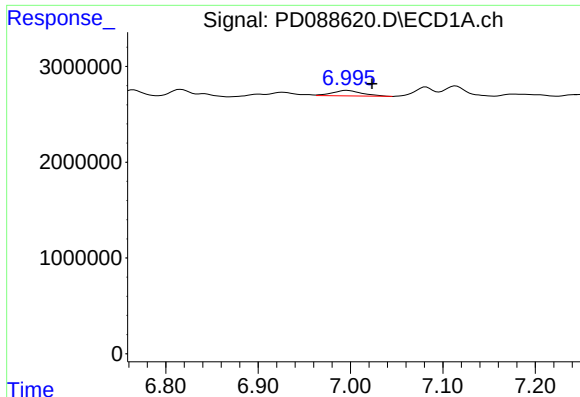
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.708 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

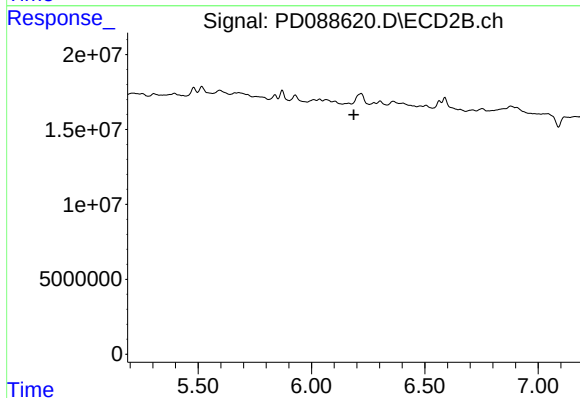
R.T.: 5.929 min  
Delta R.T.: -0.004 min  
Response: 5195414  
Conc: 0.30 ng/ml



#17 4,4'-DDT

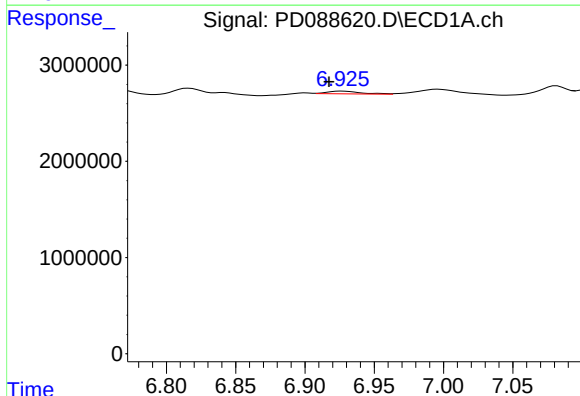
R.T.: 6.996 min  
Delta R.T.: -0.027 min  
Response: 1256319  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



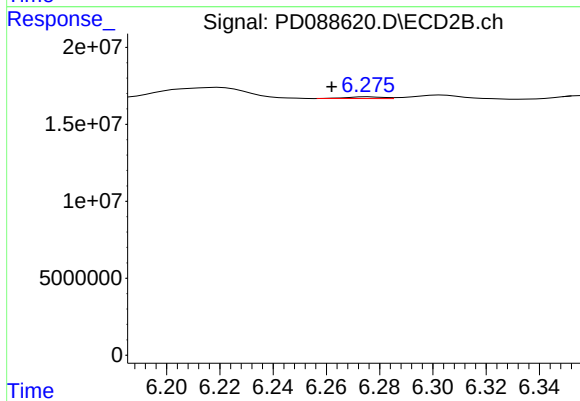
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.187 min  
Response: 0  
Conc: N.D.



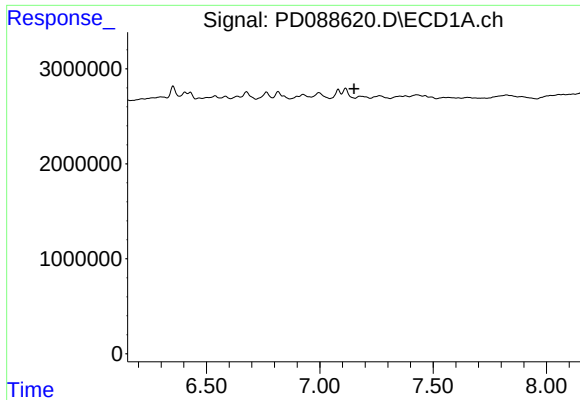
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.009 min  
Response: 492915  
Conc: 0.19 ng/ml



#18 Endrin aldehyde

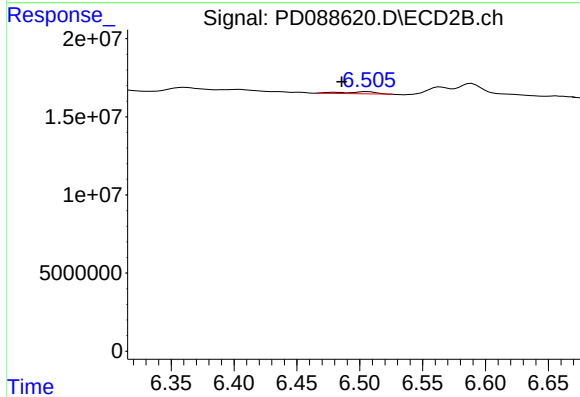
R.T.: 6.277 min  
Delta R.T.: 0.015 min  
Response: 1085322  
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

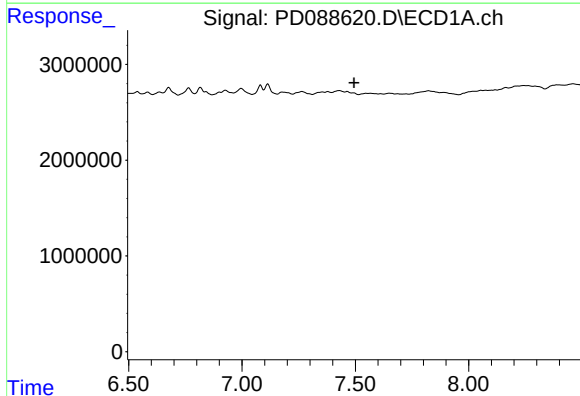
R.T.: 7.177 min  
Delta R.T.: 0.026 min  
Response: -785908  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



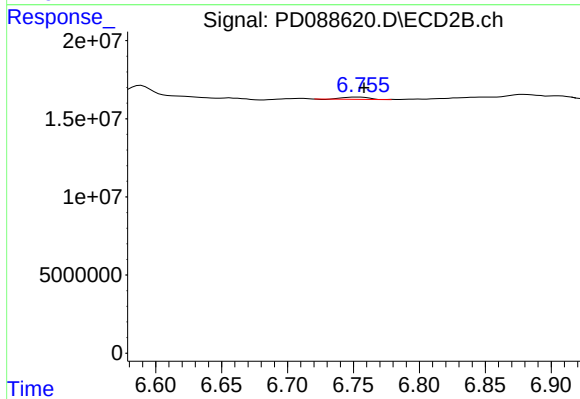
#19 Endosulfan Sulfate

R.T.: 6.505 min  
Delta R.T.: 0.019 min  
Response: 1785574  
Conc: 0.10 ng/ml



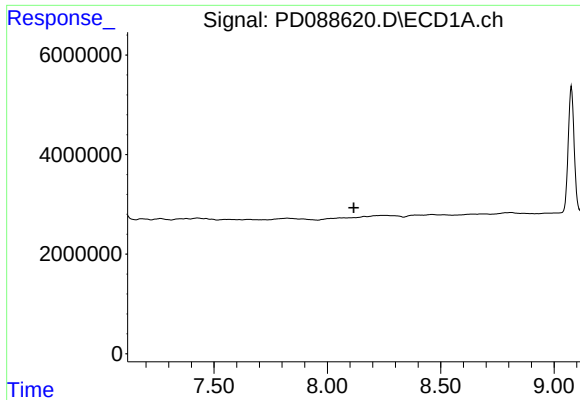
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.495 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

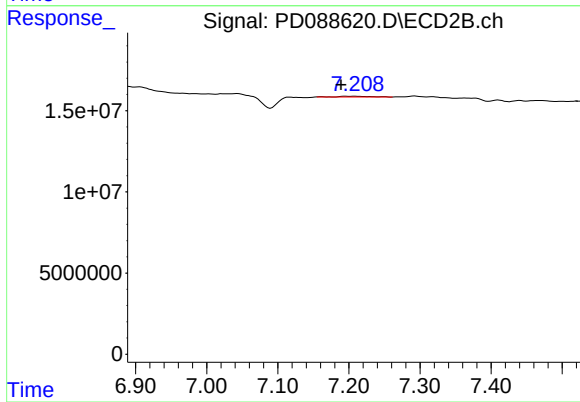
R.T.: 6.753 min  
Delta R.T.: -0.005 min  
Response: 2060427  
Conc: 0.22 ng/ml



#22 Mirex

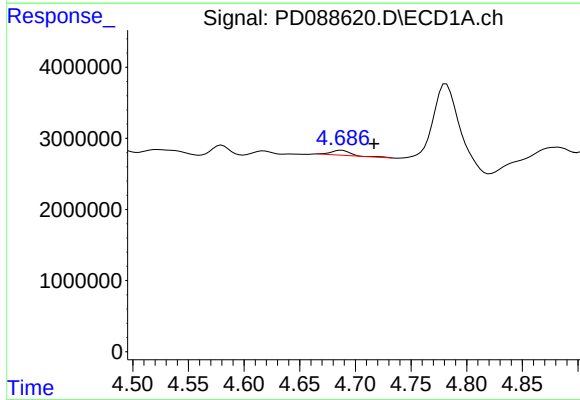
R.T.: 0.000 min  
Exp R.T.: 8.117 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



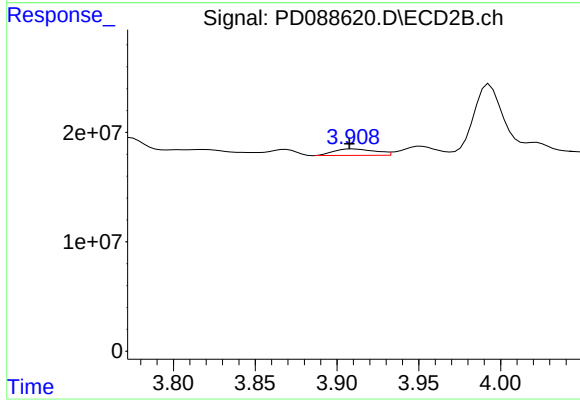
#22 Mirex

R.T.: 7.209 min  
Delta R.T.: 0.020 min  
Response: 1446810  
Conc: 0.10 ng/ml



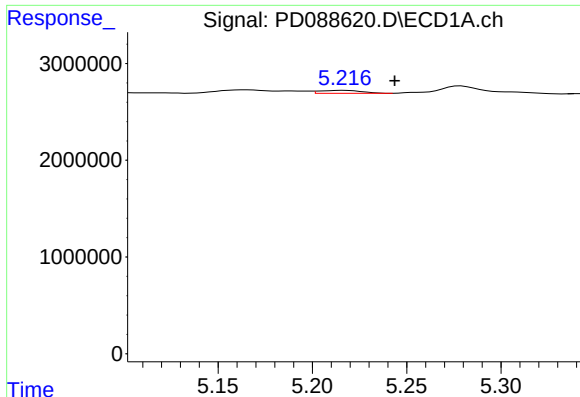
#23 Chlordane-1

R.T.: 4.688 min  
Delta R.T.: -0.029 min  
Response: 803617  
Conc: 4.46 ng/ml



#23 Chlordane-1

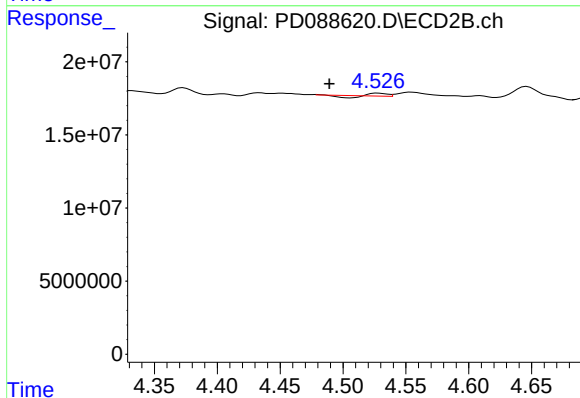
R.T.: 3.910 min  
Delta R.T.: 0.003 min  
Response: 10560525  
Conc: 12.78 ng/ml



#24 Chlordane-2

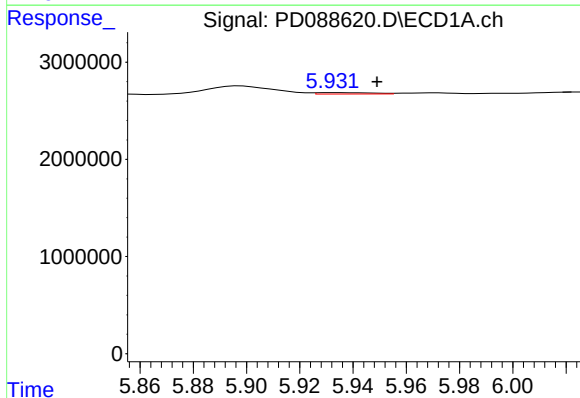
R.T.: 5.217 min  
Delta R.T.: -0.027 min  
Response: 462796  
Conc: 2.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



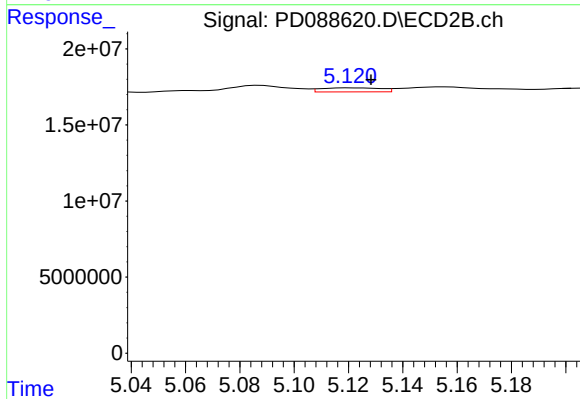
#24 Chlordane-2

R.T.: 4.528 min  
Delta R.T.: 0.038 min  
Response: 683514  
Conc: 0.81 ng/ml



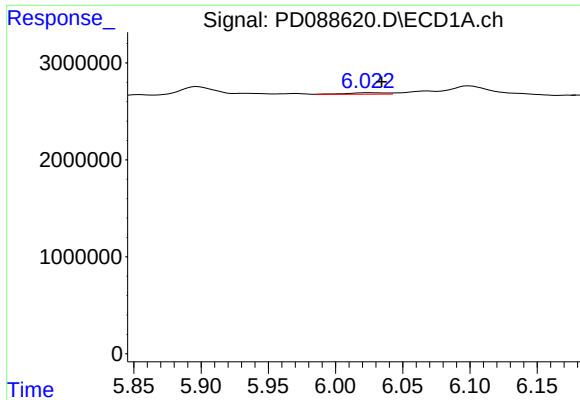
#25 Chlordane-3

R.T.: 5.933 min  
Delta R.T.: -0.016 min  
Response: 190580  
Conc: 0.26 ng/ml



#25 Chlordane-3

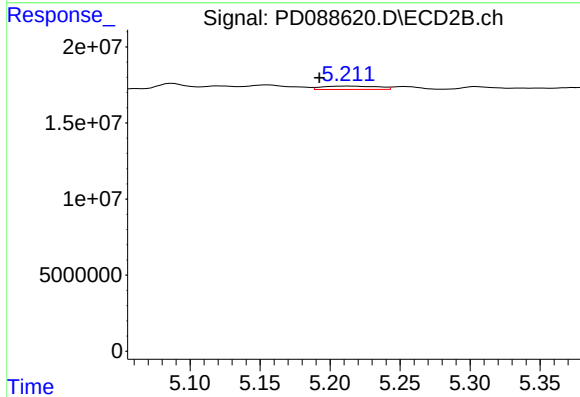
R.T.: 5.122 min  
Delta R.T.: -0.006 min  
Response: 4019452  
Conc: 1.52 ng/ml



#26 Chlordane-4

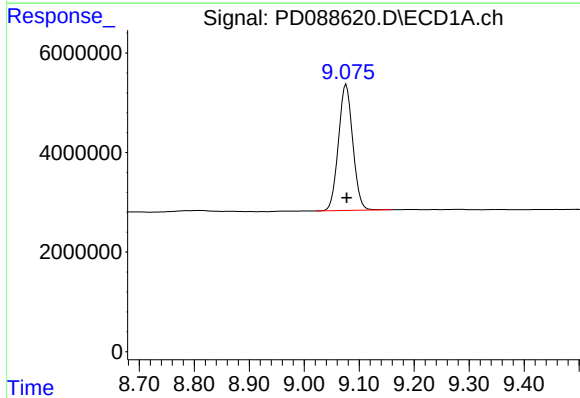
R.T.: 6.024 min  
Delta R.T.: -0.010 min  
Response: 292792  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B27-SOIL-SAMPLE



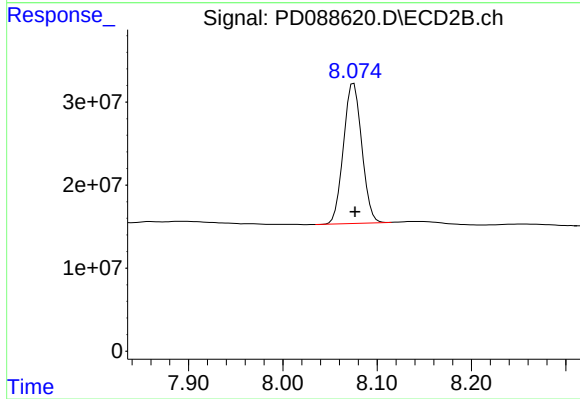
#26 Chlordane-4

R.T.: 5.211 min  
Delta R.T.: 0.019 min  
Response: 6150693  
Conc: 2.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: -0.001 min  
Response: 45852647  
Conc: 13.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.001 min  
Response: 227800847  
Conc: 12.48 ng/ml