

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005811.D Vial: 37
Acq On : 22-Jan-2014, 00:51 Operator: QM
Sample : F1087-01 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 24 14:41 2014 Quant Results File: HN012114.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Initial Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	646437	171.603 ug/L
Target Compounds			
2) T HMX	0.88	25239	5.885 ug/L
3) T RDX	1.66	9695	1.690 ug/L
4) T 1,3,5-Trinitrobenzene	2.61	17873	1.661 ug/L
5) T 1,3-Dinitrobenzene	3.43	9793	0.607 ng/ml
6) T 3,5-Dinitroaniline	3.81	6882	0.550 ug/L
7) T Nitrobenzene	4.67	6012	0.559 ug/L
8) T Tetryl	6.03	14056	2.038 ug/L
9) T 2,4,6-Trinitrotoluene	6.35	26379	2.475 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.83	11505	1.007 ug/L
12) T 2,4-Dinitrotoluene	7.90	39295	2.569 ug/L
14) T 2-Nitrotoluene	11.37	15758	2.381 ug/L
15) T 4-Nitrotoluene	12.13	11643	2.180 ug/L
16) T 3-Nitrotoluene	13.35	9304	1.394 ug/L
17) T PETN	18.51	7813	0.938 ug/L

Analyst Signature:_____ Analyst Name:_____ Date:_____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #:_____

___Peak Integrated by software incorrectly.Compound #:_____

___OTHER:_____Compound #:_____

(f)=RT Delta > 1/2 Window (m)=manual int.

HN005811.D HN012114.M

Fri Jan 24 14:41:56 2014

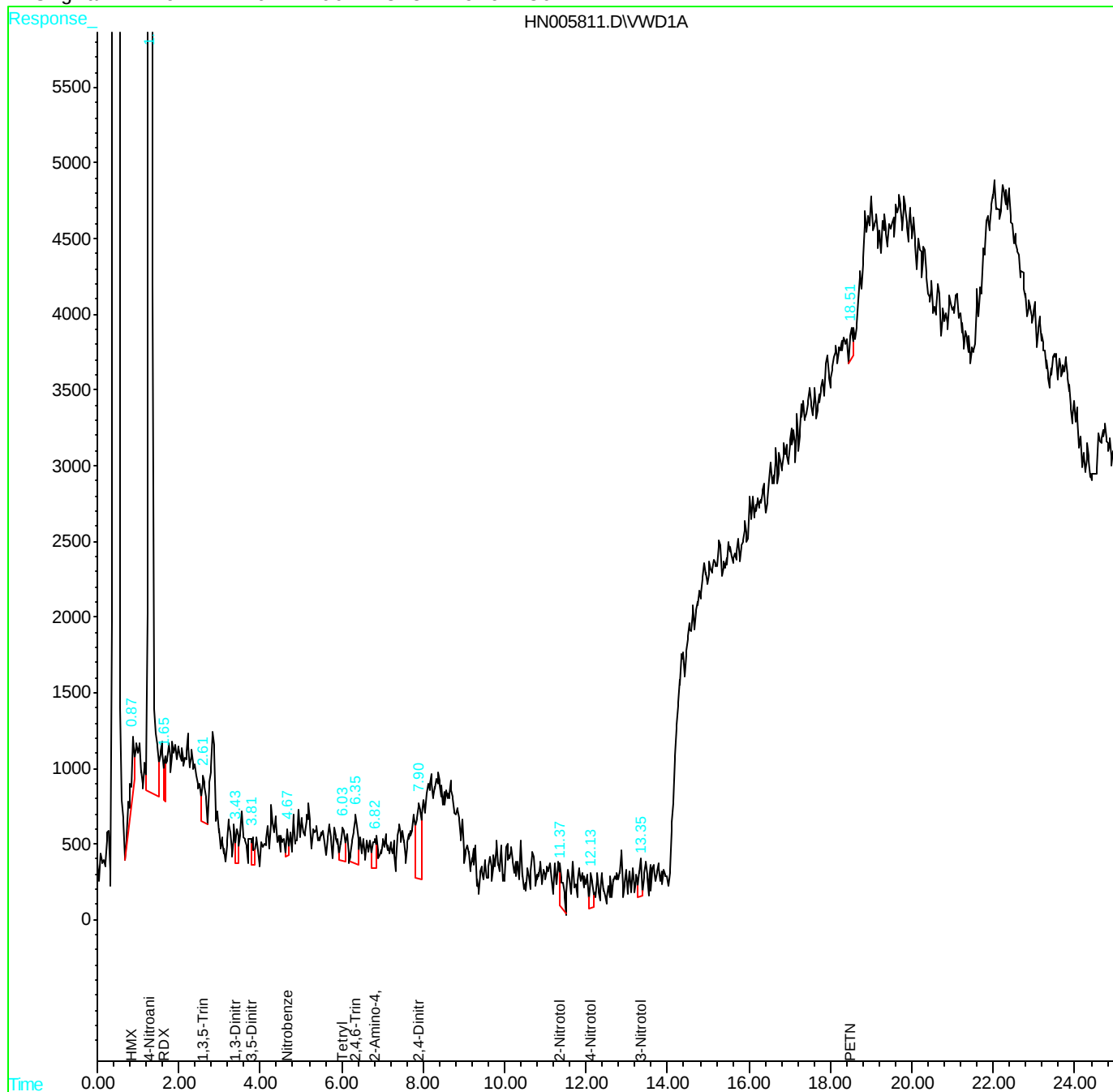
RPT1

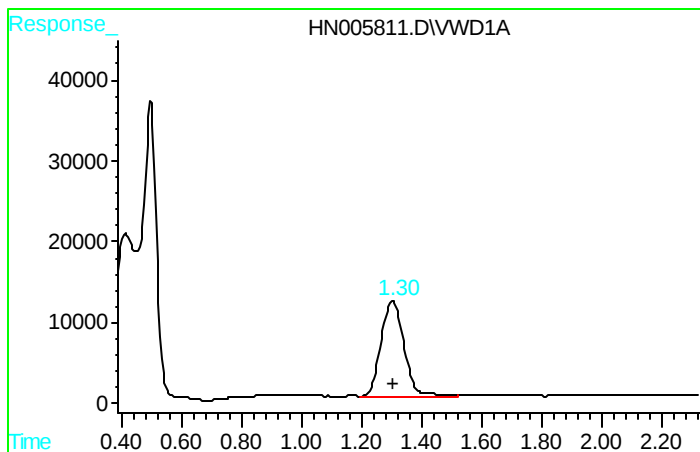
Quantitation Report

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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

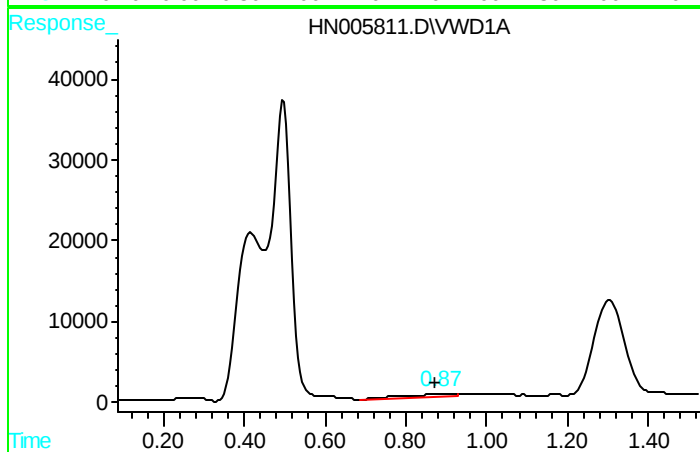
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





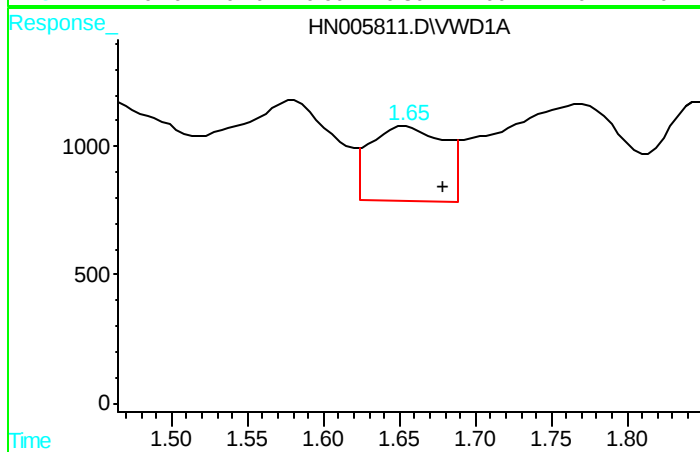
#1 4-Nitroaniline

R.T.: 1.305 min
 Delta R.T.: 0.000 min
 Response: 646437
 Conc: 171.60 ug/L



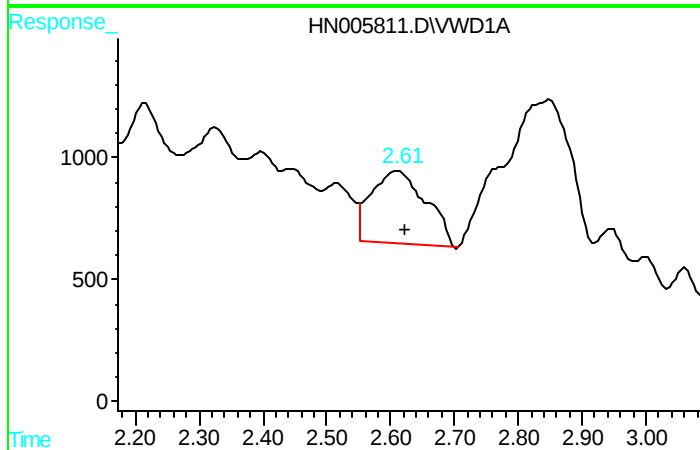
#2 HMX

R.T.: 0.876 min
 Delta R.T.: 0.002 min
 Response: 25239
 Conc: 5.89 ug/L



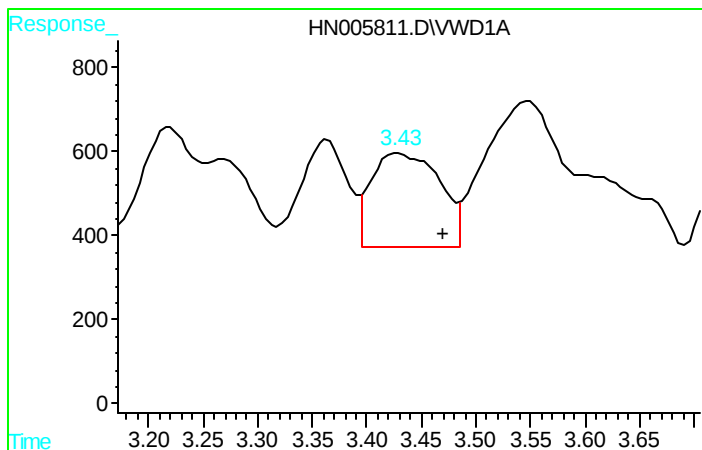
#3 RDX

R.T.: 1.655 min
 Delta R.T.: -0.024 min
 Response: 9695
 Conc: 1.69 ug/L



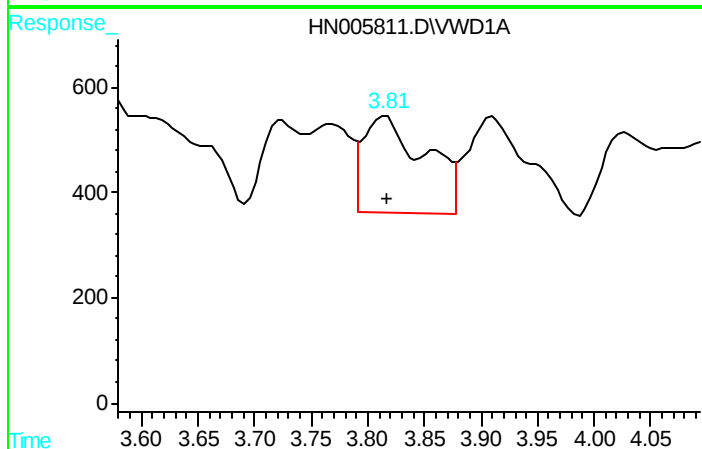
#4 1,3,5-Trinitrobenzene

R.T.: 2.611 min
 Delta R.T.: -0.012 min
 Response: 17873
 Conc: 1.66 ug/L



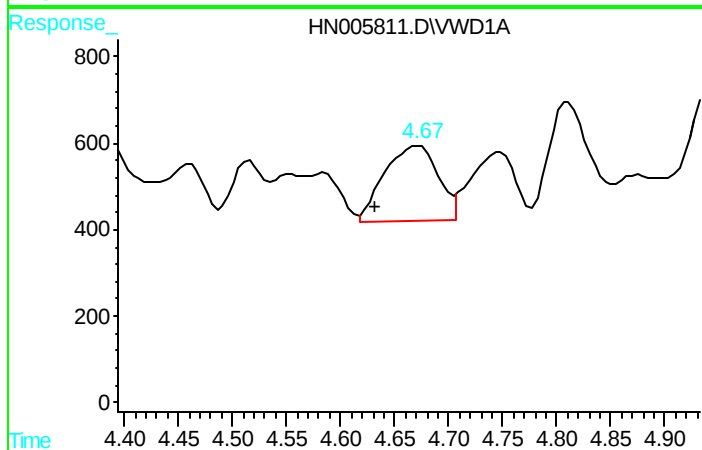
#5 1,3-Dinitrobenzene

R.T.: 3.430 min
Delta R.T.: -0.039 min
Response: 9793
Conc: 0.61 ng/ml



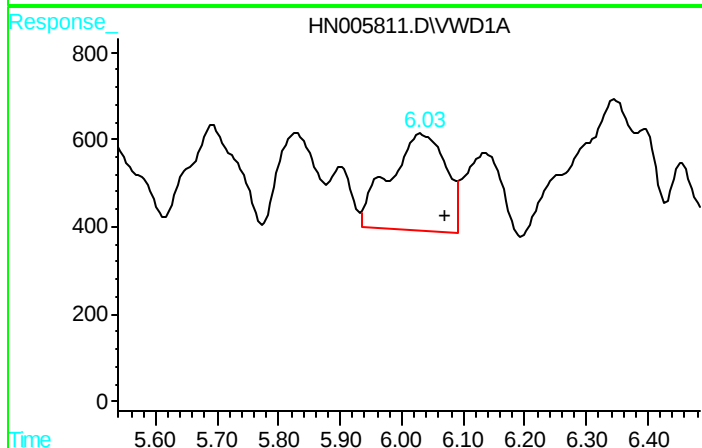
#6 3,5-Dinitroaniline

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 6882
Conc: 0.55 ug/L



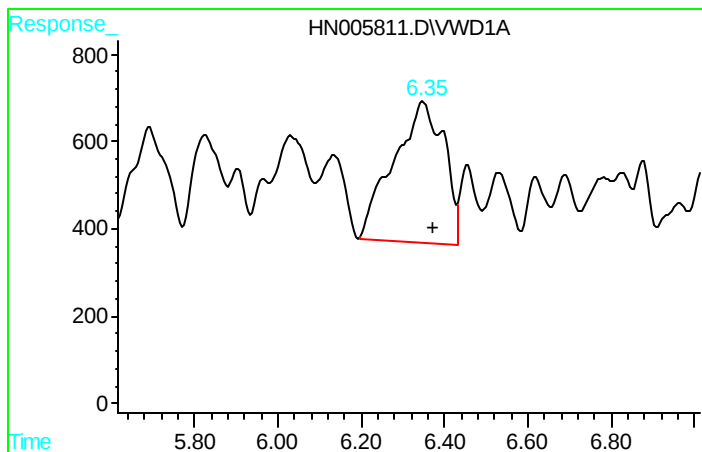
#7 Nitrobenzene

R.T.: 4.671 min
Delta R.T.: 0.040 min
Response: 6012
Conc: 0.56 ug/L



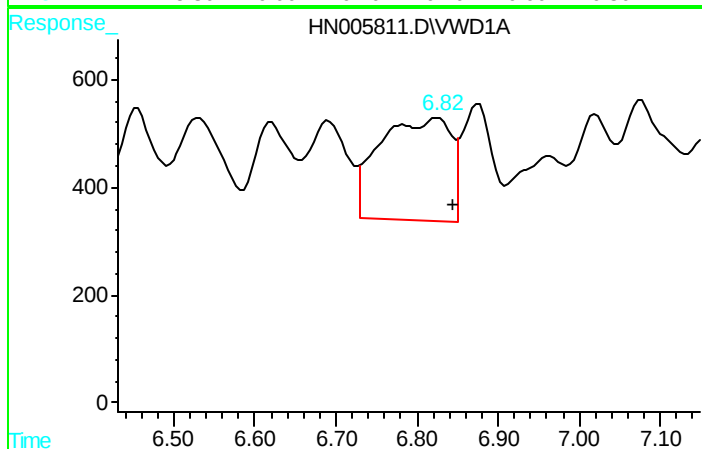
#8 Tetryl

R.T.: 6.034 min
Delta R.T.: -0.037 min
Response: 14056
Conc: 2.04 ug/L



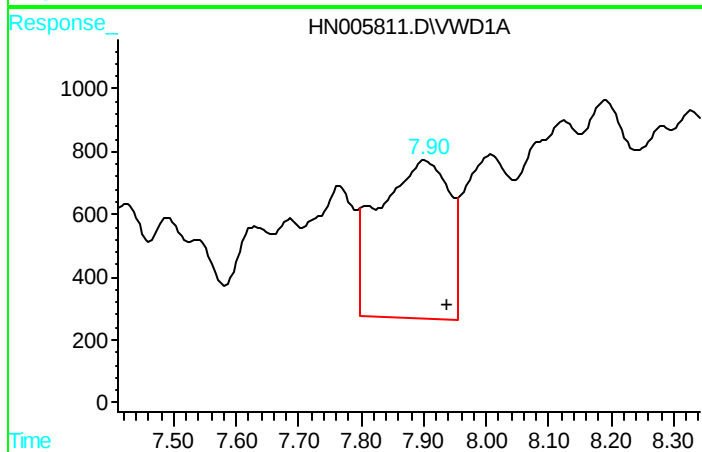
#9 2,4,6-Trinitrotoluene

R.T.: 6.347 min
Delta R.T.: -0.026 min
Response: 26379
Conc: 2.47 ug/L



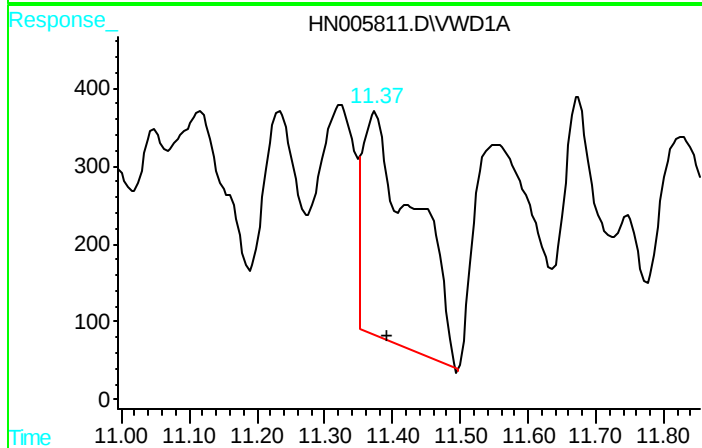
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.825 min
Delta R.T.: -0.019 min
Response: 11505
Conc: 1.01 ug/L



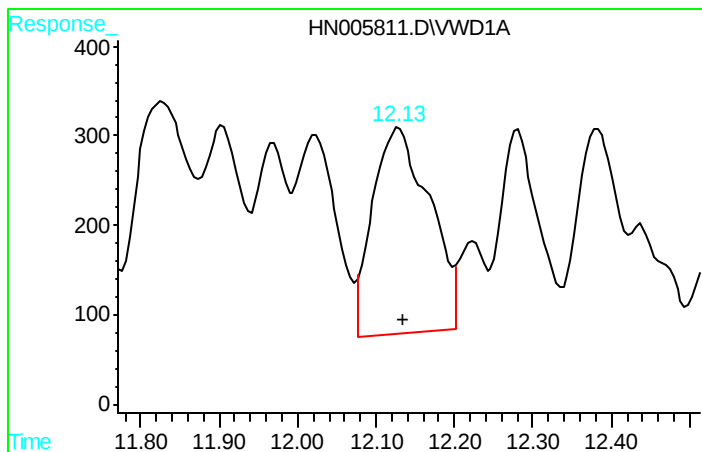
#12 2,4-Dinitrotoluene

R.T.: 7.902 min
Delta R.T.: -0.036 min
Response: 39295
Conc: 2.57 ug/L



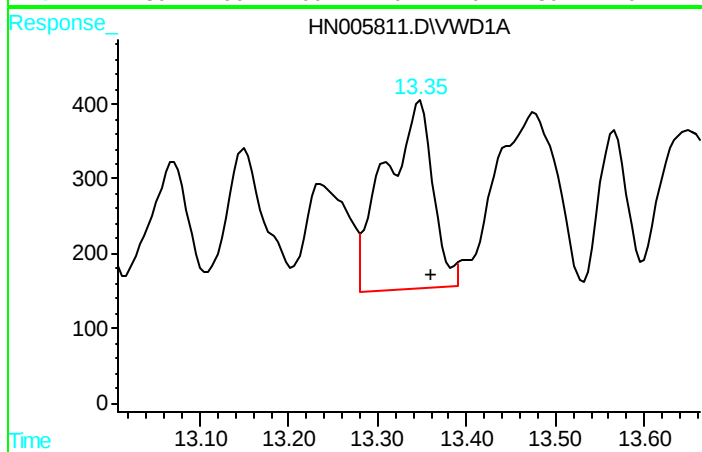
#14 2-Nitrotoluene

R.T.: 11.374 min
Delta R.T.: -0.017 min
Response: 15758
Conc: 2.38 ug/L



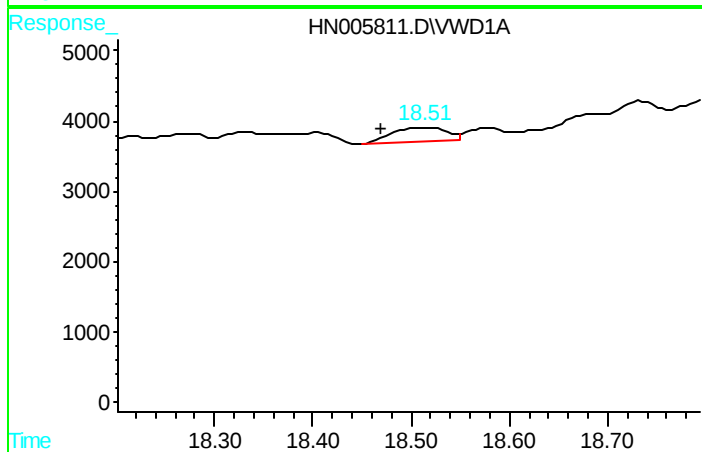
#15 4-Nitrotoluene

R.T.: 12.128 min
 Delta R.T.: -0.005 min
 Response: 11643
 Conc: 2.18 ug/L



#16 3-Nitrotoluene

R.T.: 13.347 min
 Delta R.T.: -0.012 min
 Response: 9304
 Conc: 1.39 ug/L



#17 PETN

R.T.: 18.515 min
 Delta R.T.: 0.046 min
 Response: 7813
 Conc: 0.94 ug/L