

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005960.D Vial: 12
Acq On : 28-Apr-2014, 22:48 Operator: HNP
Sample : F1945-03RE Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 11:06 2014 Quant Results File: HN042814.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
Title :
Last Update : Tue Apr 29 09:06:37 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	1.39	664258	159.742 ug/L
Target Compounds			
2) T HMX	0.92	282422	55.335 ug/L
4) T 1,3,5-Trinitrobenzene	2.85	15005	1.267 ug/L
5) T 1,3-Dinitrobenzene	3.81	21636	1.198 ng/ml
6) T 3,5-Dinitroaniline	4.08	61627	4.525 ug/L
7) T Nitrobenzene	5.03	69242	6.371 ug/L
8) T Tetryl	6.79	15803	1.937 ug/L
9) T 2,4,6-Trinitrotoluene	7.06	8598	0.707 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.51	5888	0.477 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.98	8552	1.226 ug/L
12) T 2,4-Dinitrotoluene	8.75	5957	0.349 ug/L
13) T 2,6-Dinitrotoluene	9.18	10356	1.186 ug/L
15) T 4-Nitrotoluene	13.35	15253	2.896 ug/L
17) T PETN	20.34	11111	1.246 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.

HN005960.D HN042814.M

Tue Apr 29 11:07:32 2014

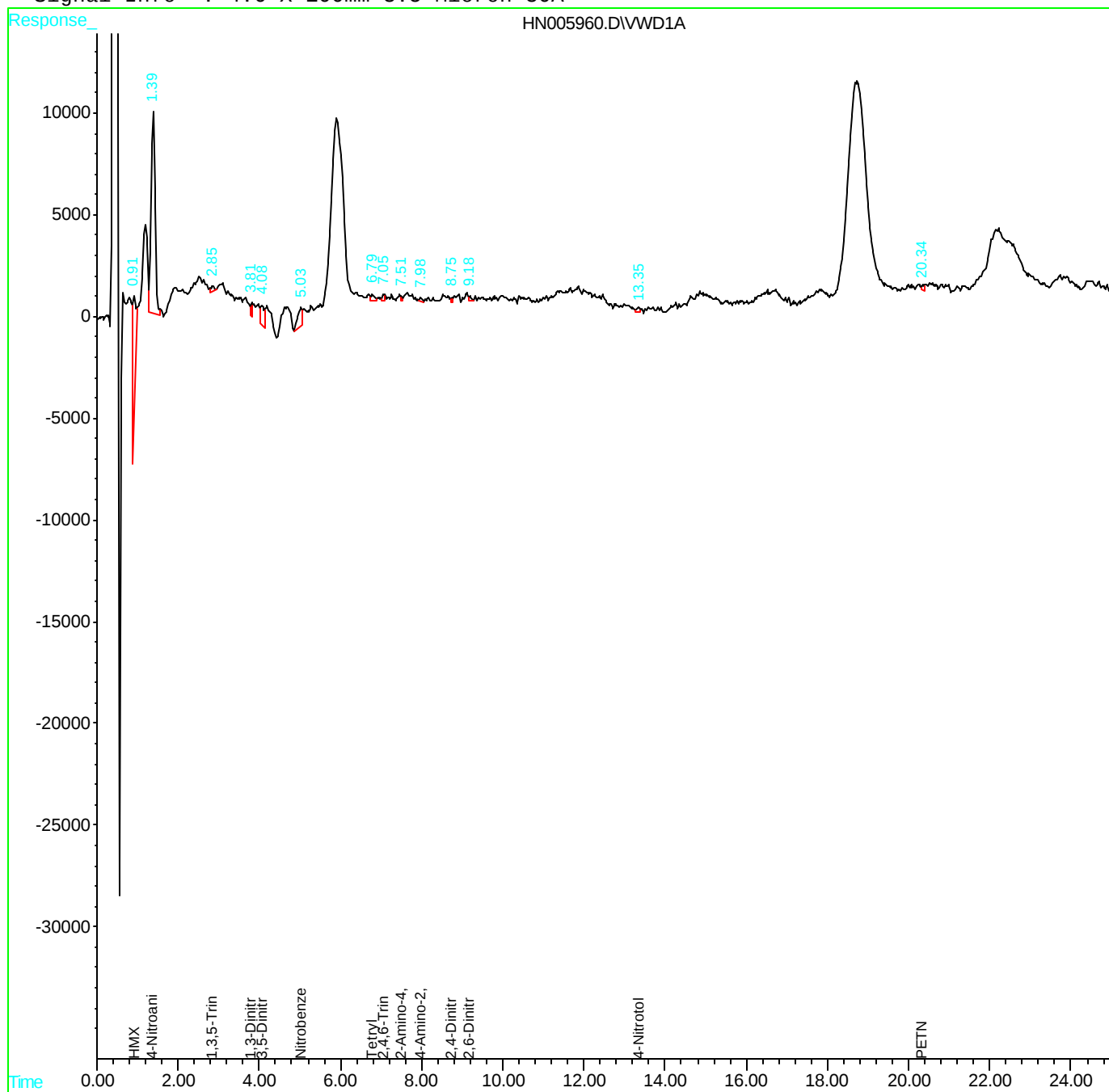
RPT1

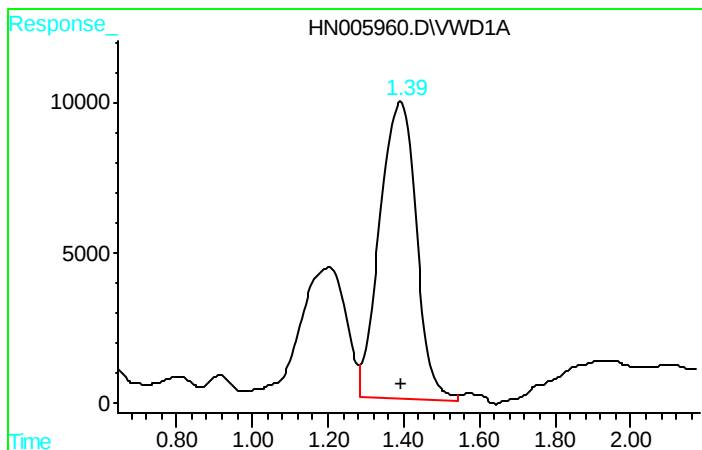
Quantitation Report

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IntFile : autoint1.e
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
Title :
Last Update : Tue Apr 29 09:06:37 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

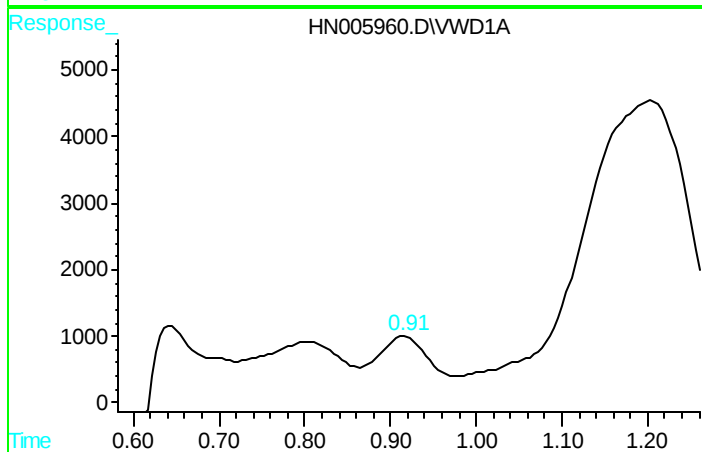
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





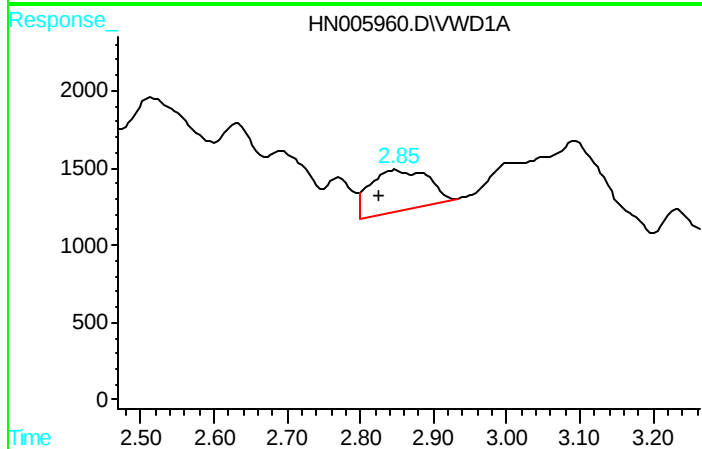
#1 4-Nitroaniline

R.T.: 1.392 min
 Delta R.T.: 0.002 min
 Response: 664258
 Conc: 159.74 ug/L



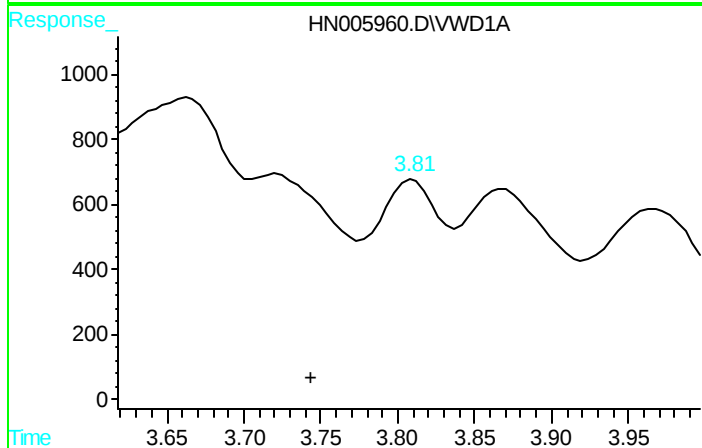
#2 HMX

R.T.: 0.916 min
 Delta R.T.: -0.003 min
 Response: 282422
 Conc: 55.34 ug/L



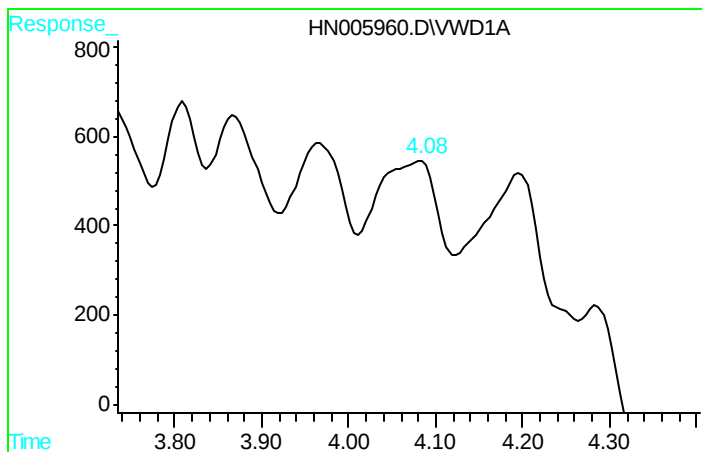
#4 1,3,5-Trinitrobenzene

R.T.: 2.848 min
 Delta R.T.: 0.023 min
 Response: 15005
 Conc: 1.27 ug/L

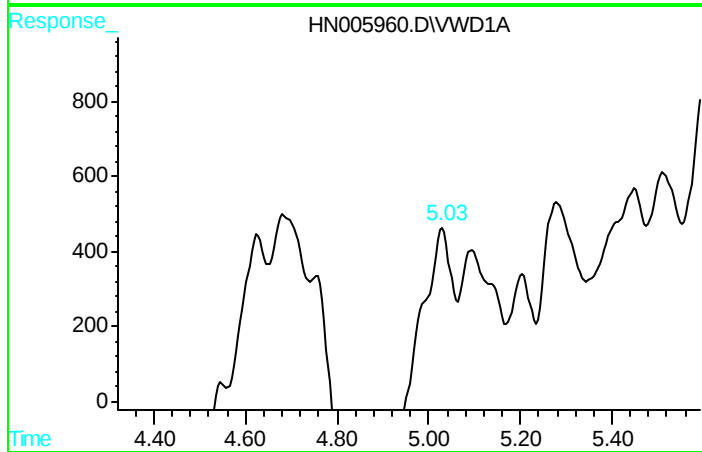


#5 1,3-Dinitrobenzene

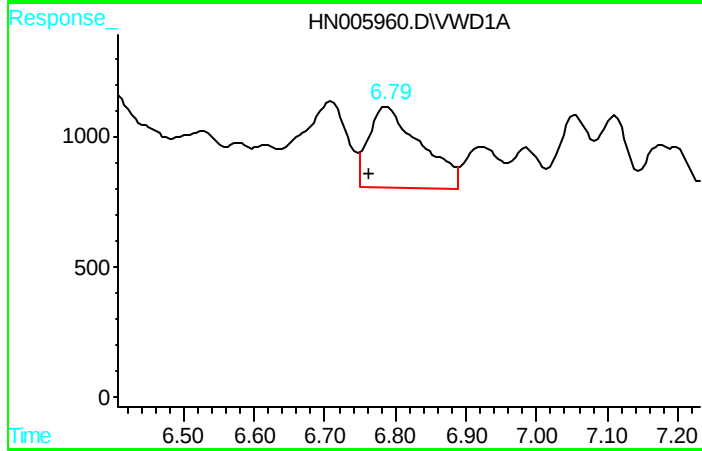
R.T.: 3.810 min
 Delta R.T.: 0.066 min
 Response: 21636
 Conc: 1.20 ng/ml



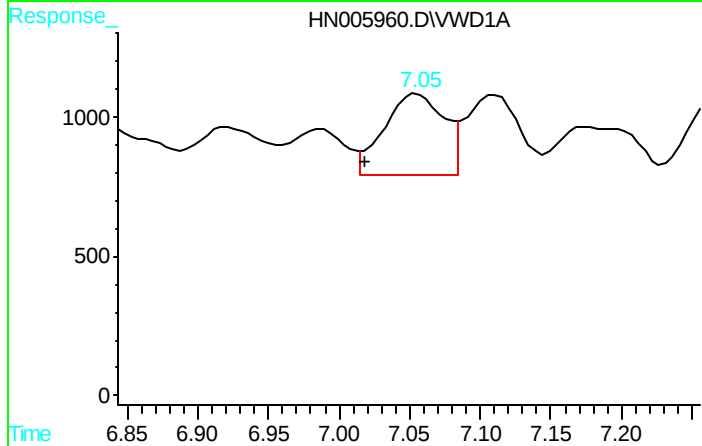
#6 3,5-Dinitroaniline
 R.T.: 4.080 min
 Delta R.T.: -0.050 min
 Response: 61627
 Conc: 4.52 ug/L



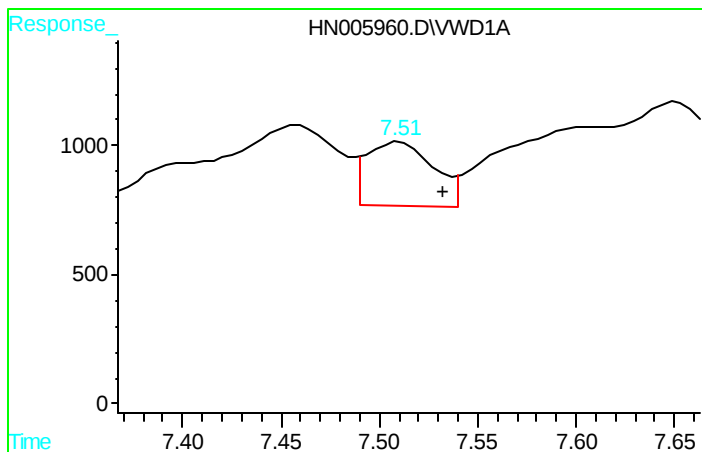
#7 Nitrobenzene
 R.T.: 5.031 min
 Delta R.T.: 0.019 min
 Response: 69242
 Conc: 6.37 ug/L



#8 Tetryl
 R.T.: 6.788 min
 Delta R.T.: 0.026 min
 Response: 15803
 Conc: 1.94 ug/L

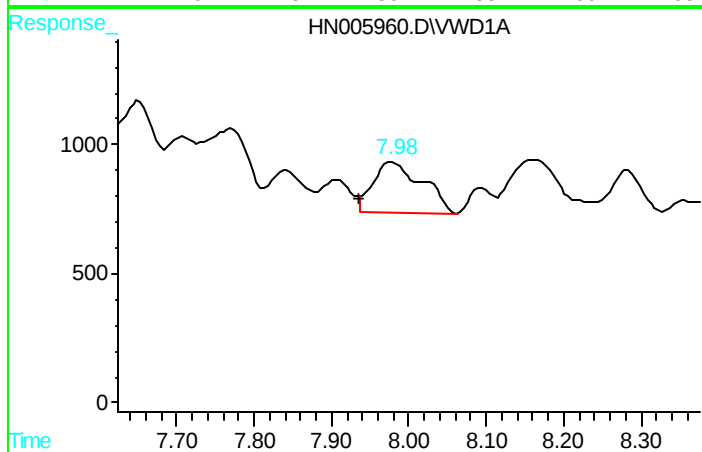


#9 2,4,6-Trinitrotoluene
 R.T.: 7.056 min
 Delta R.T.: 0.038 min
 Response: 8598
 Conc: 0.71 ug/L



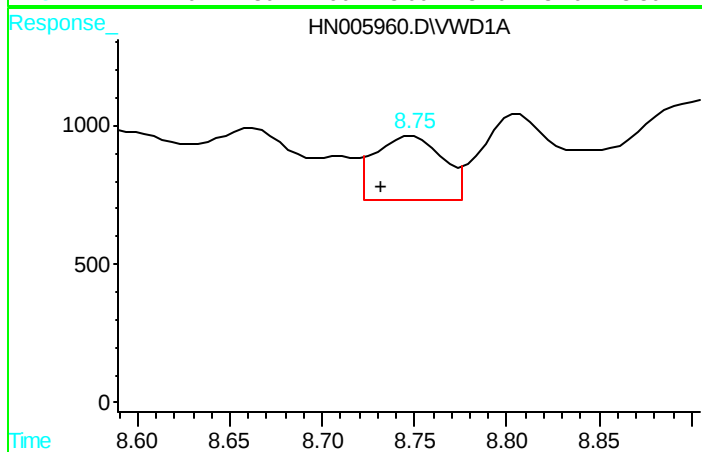
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.509 min
Delta R.T.: -0.023 min
Response: 5888
Conc: 0.48 ug/L



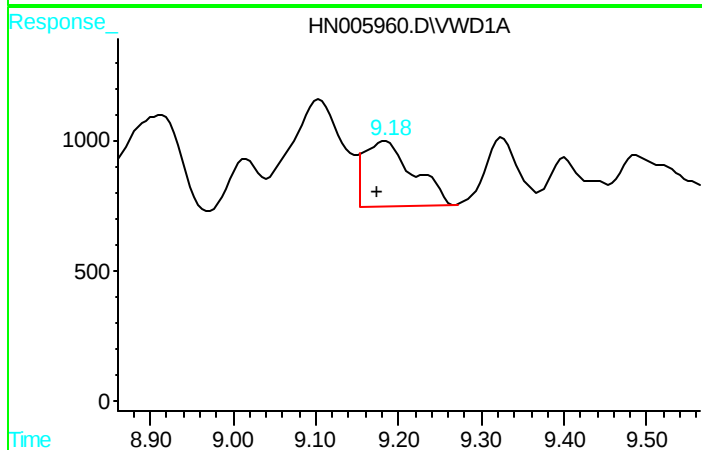
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.979 min
Delta R.T.: 0.043 min
Response: 8552
Conc: 1.23 ug/L



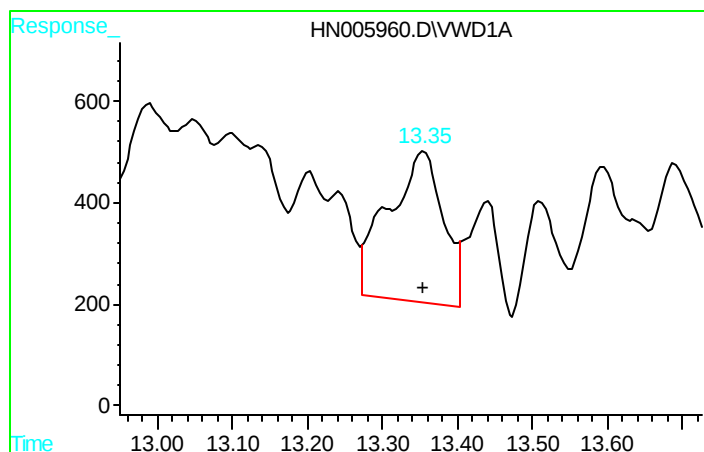
#12 2,4-Dinitrotoluene

R.T.: 8.748 min
Delta R.T.: 0.017 min
Response: 5957
Conc: 0.35 ug/L



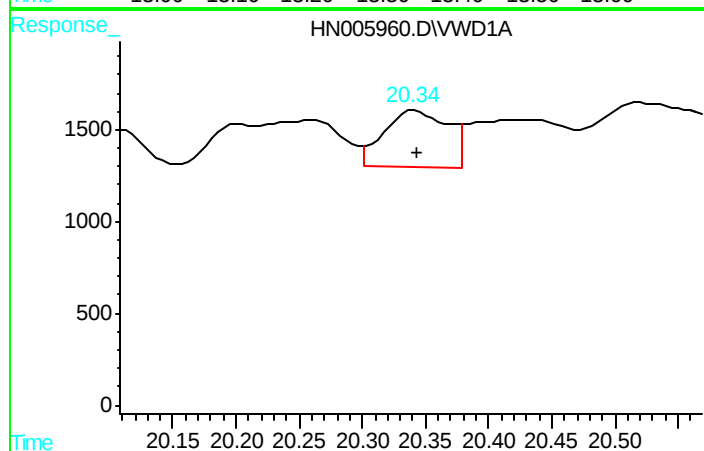
#13 2,6-Dinitrotoluene

R.T.: 9.184 min
Delta R.T.: 0.010 min
Response: 10356
Conc: 1.19 ug/L



#15 4-Nitrotoluene

R.T.: 13.355 min
Delta R.T.: 0.002 min
Response: 15253
Conc: 2.90 ug/L



#17 PETN

R.T.: 20.342 min
Delta R.T.: -0.001 min
Response: 11111
Conc: 1.25 ug/L