

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005967.D Vial: 18
 Acq On : 29-Apr-2014, 01:58 Operator: HNP
 Sample : PB76036BL Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Apr 29 11:44 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	1315612	316.382 ug/L
Target Compounds			
2) T HMX	0.92	298057	58.399 ug/L
4) T 1,3,5-Trinitrobenzene	2.80	6928	0.585 ug/L
5) T 1,3-Dinitrobenzene	3.76	16502	0.914 ng/ml
6) T 3,5-Dinitroaniline	4.11	47537	3.490 ug/L
7) T Nitrobenzene	5.06	95311	8.770 ug/L
8) T Tetryl	6.77	8983	1.101 ug/L
9) T 2,4,6-Trinitrotoluene	7.00	10001	0.823 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.54	5380	0.436 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.98	6429	0.922 ug/L
12) T 2,4-Dinitrotoluene	8.72	10063	0.590 ug/L
13) T 2,6-Dinitrotoluene	9.13	13886	1.590 ug/L
15) T 4-Nitrotoluene	13.41	16932	3.215 ug/L
16) T 3-Nitrotoluene	14.68	31584	1.471 ug/L
17) T PETN	20.38	12851	1.441 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.

HN005967.D HN042814.M

Tue Apr 29 11:44:28 2014

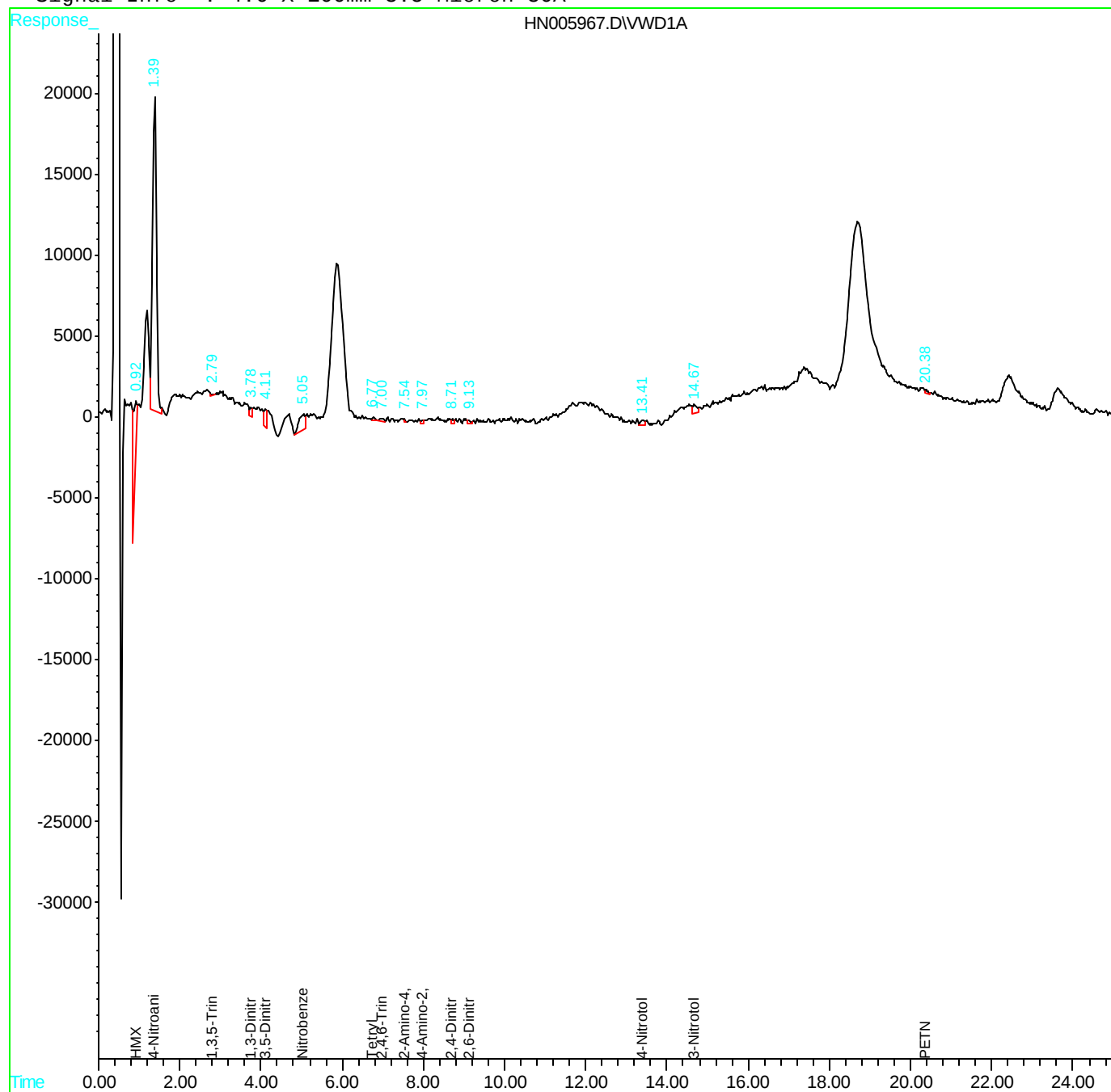
RPT1

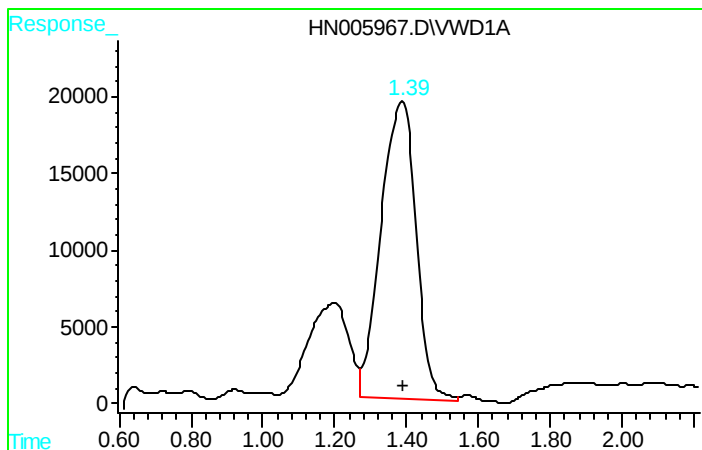
Quantitation Report

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Acq On : 29-Apr-2014, 01:58 Operator: HNP
Sample : PB76036BL Inst : G1314A
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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

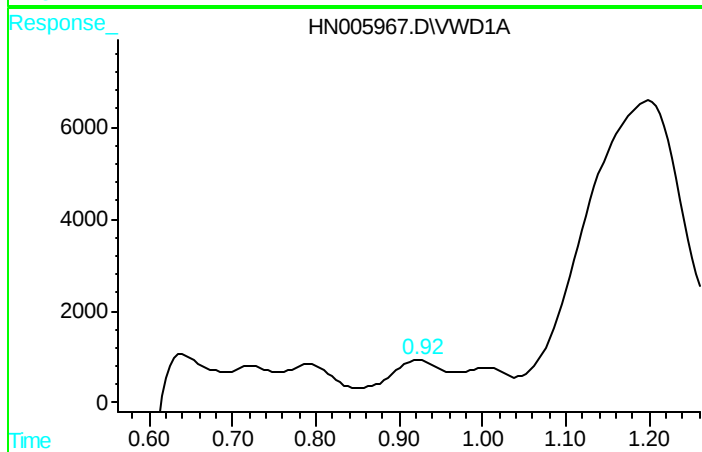
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





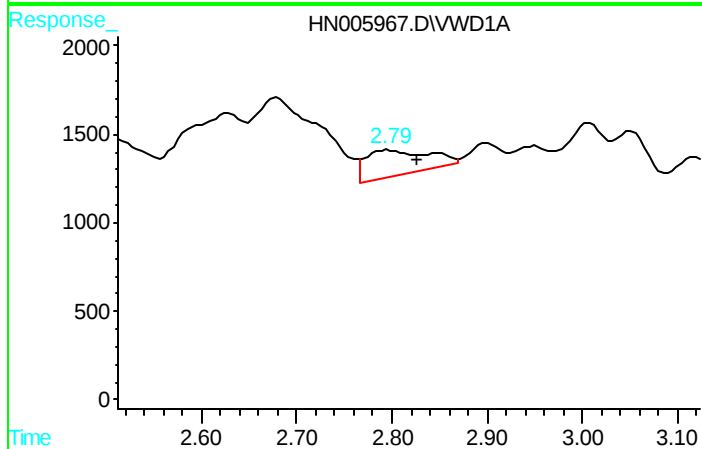
#1 4-Nitroaniline

R.T.: 1.388 min
 Delta R.T.: -0.003 min
 Response: 1315612
 Conc: 316.38 ug/L



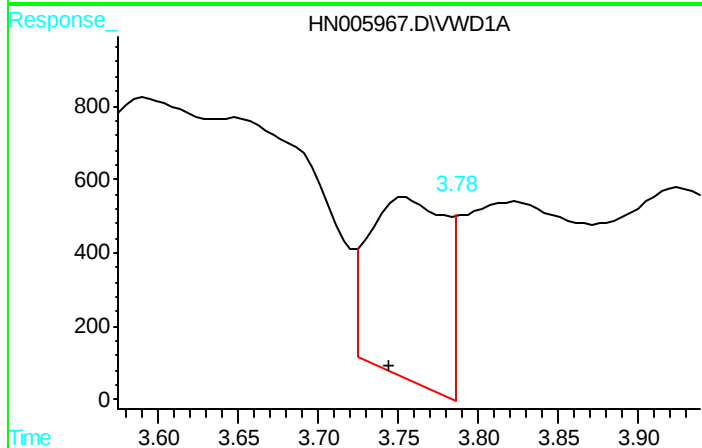
#2 HMX

R.T.: 0.924 min
 Delta R.T.: 0.005 min
 Response: 298057
 Conc: 58.40 ug/L



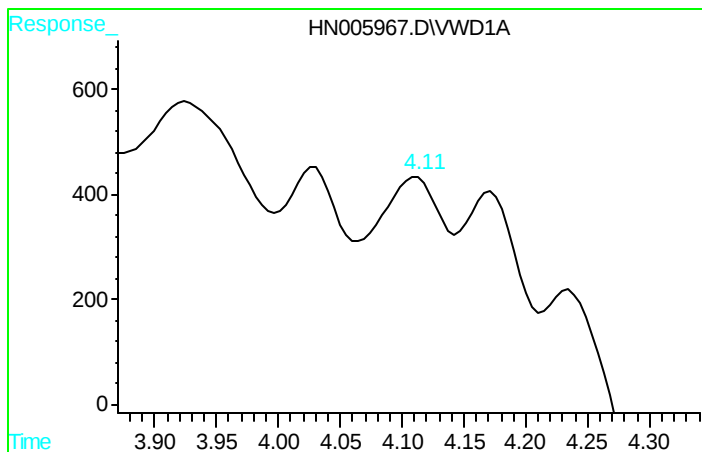
#4 1,3,5-Trinitrobenzene

R.T.: 2.797 min
 Delta R.T.: -0.029 min
 Response: 6928
 Conc: 0.58 ug/L



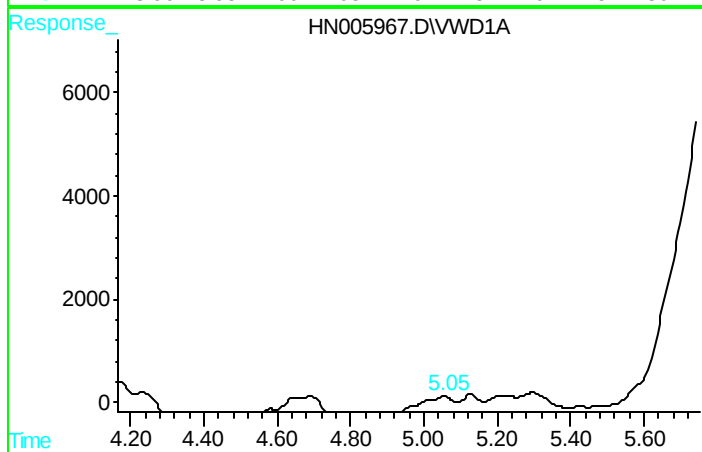
#5 1,3-Dinitrobenzene

R.T.: 3.756 min
 Delta R.T.: 0.013 min
 Response: 16502
 Conc: 0.91 ng/ml



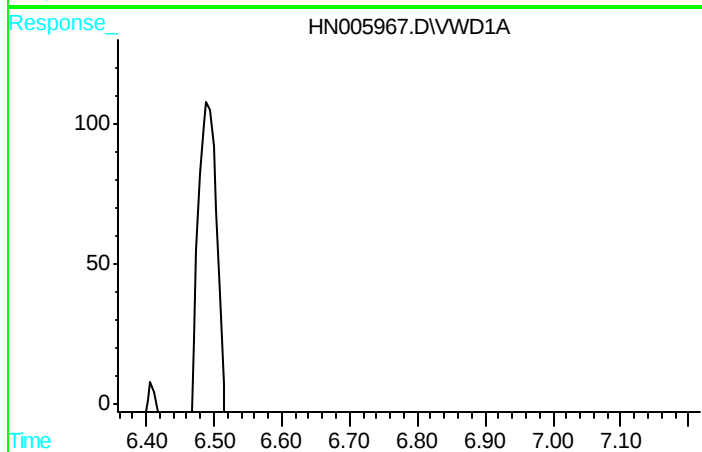
#6 3,5-Dinitroaniline

R.T.: 4.111 min
Delta R.T.: -0.019 min
Response: 47537
Conc: 3.49 ug/L



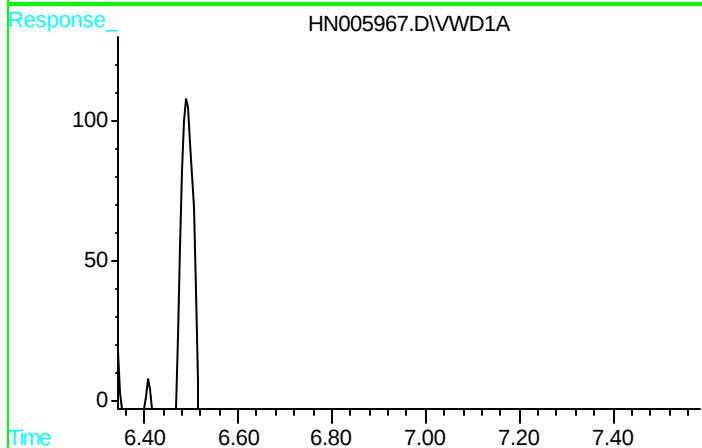
#7 Nitrobenzene

R.T.: 5.057 min
Delta R.T.: 0.046 min
Response: 95311
Conc: 8.77 ug/L



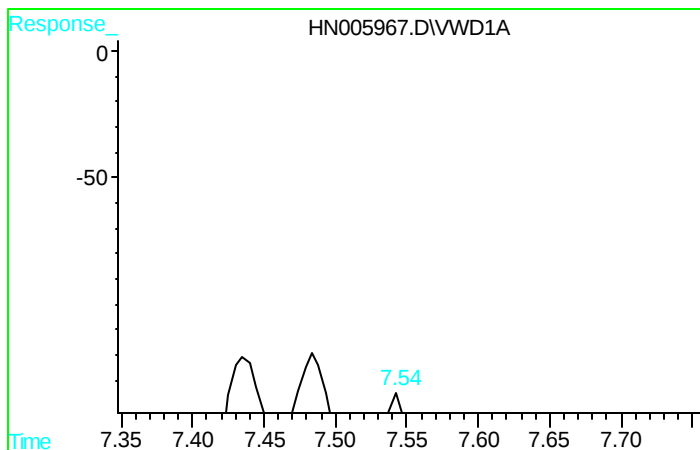
#8 Tetryl

R.T.: 6.767 min
Delta R.T.: 0.005 min
Response: 8983
Conc: 1.10 ug/L



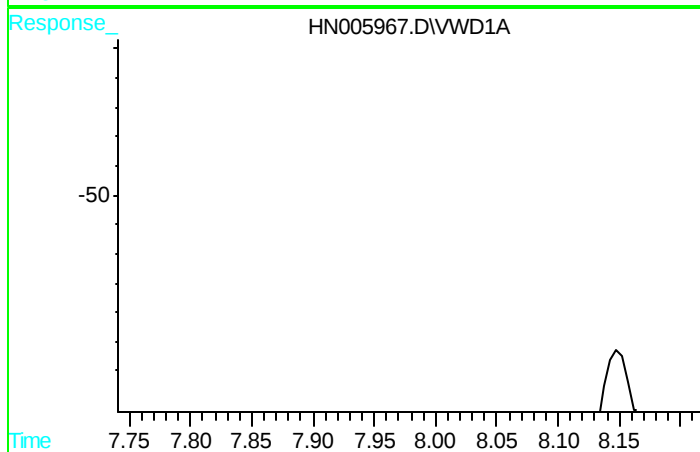
#9 2,4,6-Trinitrotoluene

R.T.: 7.001 min
Delta R.T.: -0.016 min
Response: 10001
Conc: 0.82 ug/L



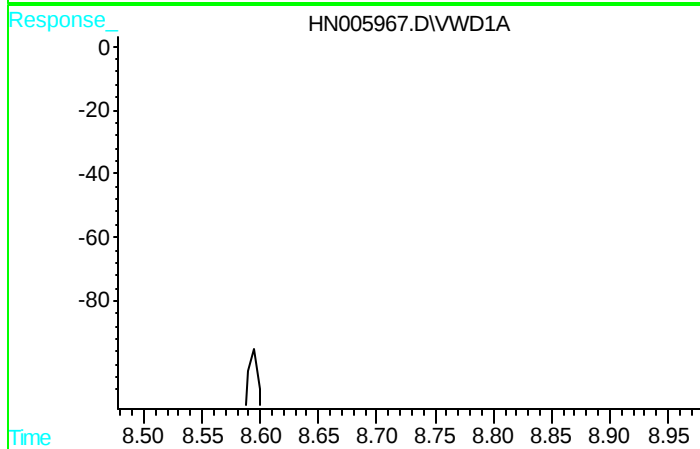
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.542 min
Delta R.T.: 0.010 min
Response: 5380
Conc: 0.44 ug/L



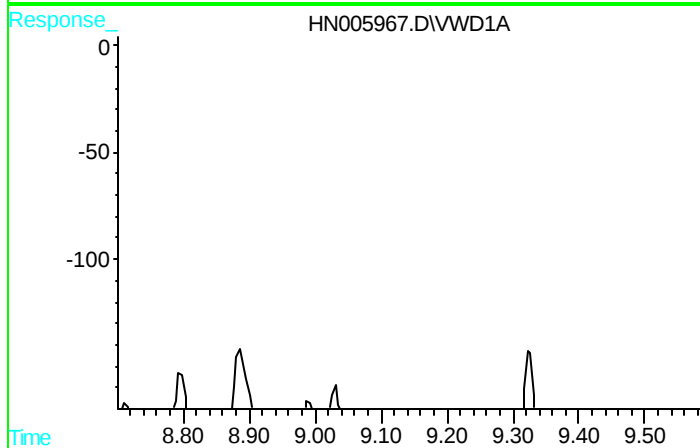
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.976 min
Delta R.T.: 0.039 min
Response: 6429
Conc: 0.92 ug/L



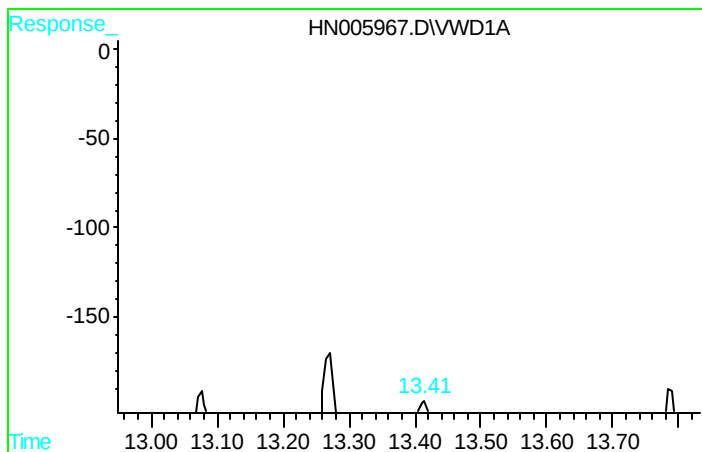
#12 2,4-Dinitrotoluene

R.T.: 8.715 min
Delta R.T.: -0.017 min
Response: 10063
Conc: 0.59 ug/L



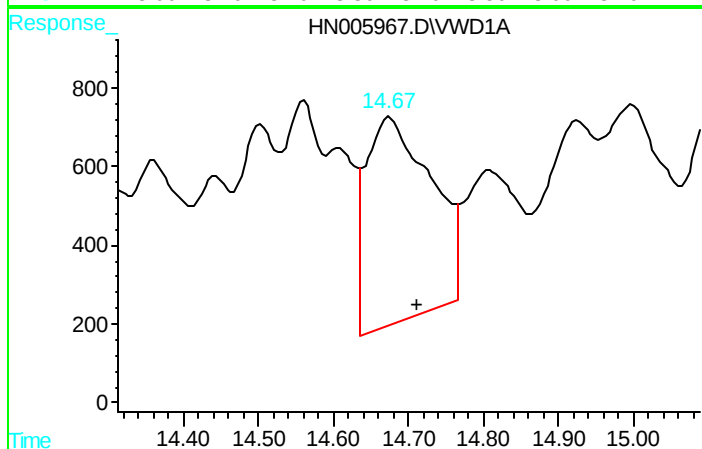
#13 2,6-Dinitrotoluene

R.T.: 9.126 min
Delta R.T.: -0.048 min
Response: 13886
Conc: 1.59 ug/L



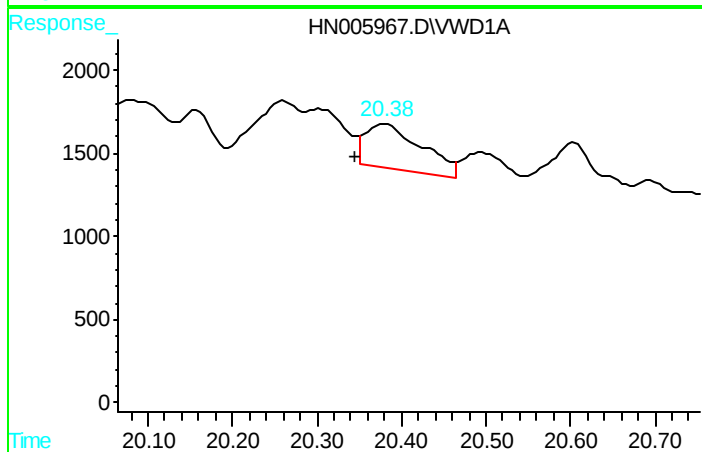
#15 4-Nitrotoluene

R.T.: 13.413 min
 Delta R.T.: 0.061 min
 Response: 16932
 Conc: 3.21 ug/L



#16 3-Nitrotoluene

R.T.: 14.675 min
 Delta R.T.: -0.035 min
 Response: 31584
 Conc: 1.47 ug/L



#17 PETN

R.T.: 20.380 min
 Delta R.T.: 0.037 min
 Response: 12851
 Conc: 1.44 ug/L