

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN052913\HN005333.D Vial: 11
 Acq On : 29-May-2013, 18:22 Operator: QM
 Sample : LOD-W-10PPB Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 30 17:50 2013 Quant Results File: HN052213.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
 Title :
 Last Update : Fri May 24 05:23:33 2013
 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	1.40	1417996	333.627 ug/L
Target Compounds			
2) T HMX	0.95	74087	17.415 ug/L
3) T RDX	1.80	83868	16.306 ug/L
4) T 1,3,5-Trinitrobenzene	2.77	138861	12.663 ug/L
5) T 1,3-Dinitrobenzene	3.70	186463	14.318 ng/ml
6) T 3,5-Dinitroaniline	4.15	145252	9.330 ug/L
7) T Nitrobenzene	4.90	31531	3.388 ug/L
8) T Tetryl	6.56	62710	10.441 ug/L
9) T 2,4,6-Trinitrotoluene	6.80	133138	11.389 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.40	51997	4.870 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.75	41639	6.819 ug/L
12) T 2,4-Dinitrotoluene	8.47	170644	11.731 ug/L
13) T 2,6-Dinitrotoluene	8.83	90494	10.969 ug/L
14) T 2-Nitrotoluene	11.99	41802	6.702 ug/L
15) T 4-Nitrotoluene	12.73	18067	3.444 ug/L
16) T 3-Nitrotoluene	14.04	24072	3.624 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.

HN005333.D HN052213.M

Thu May 30 17:50:35 2013

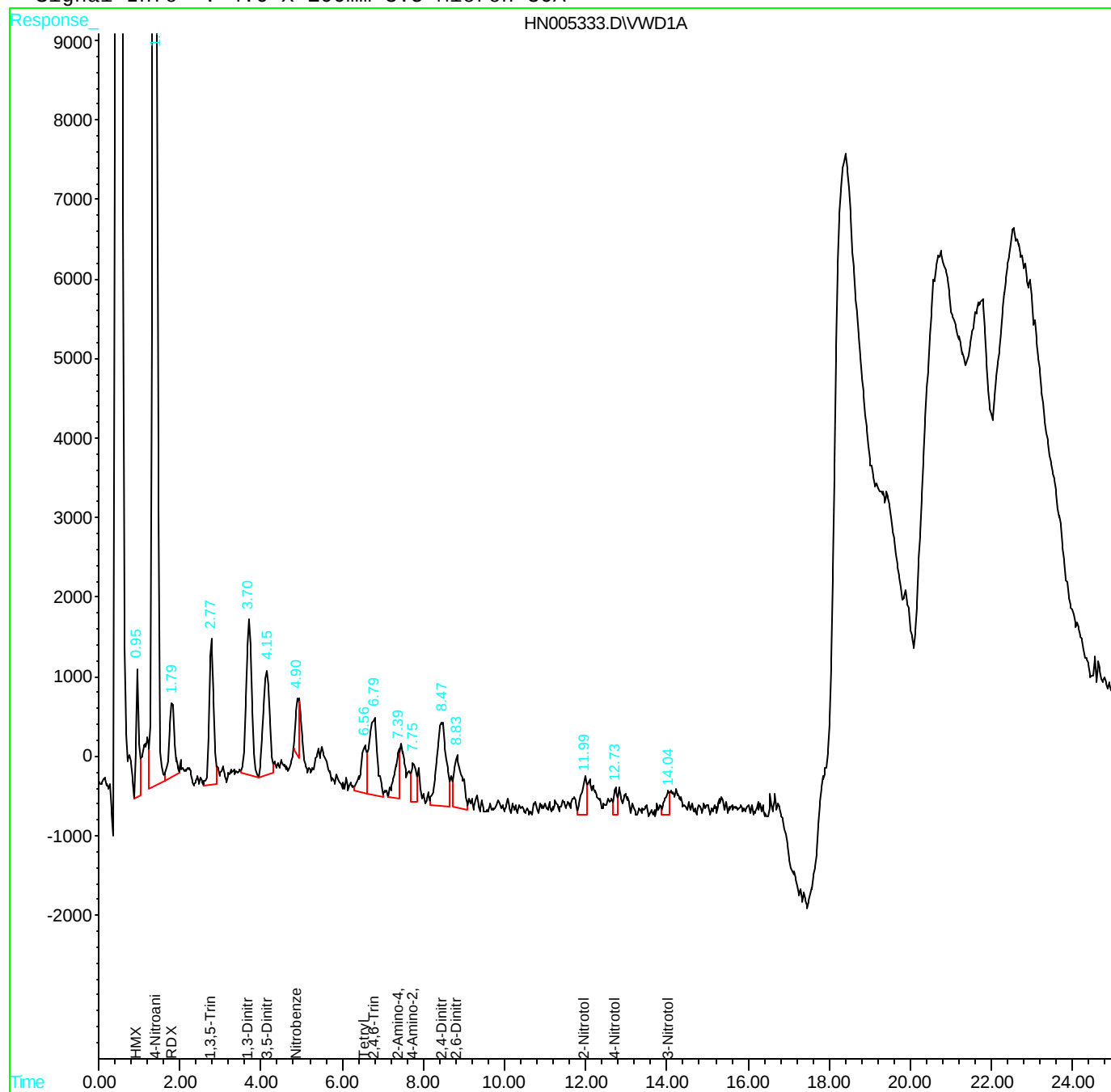
RPT1

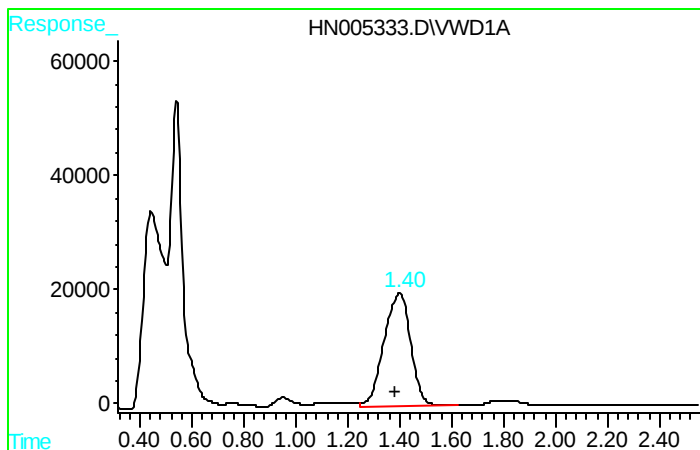
Quantitation Report

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN052913\HN005333.D Vial: 11
Acq On : 29-May-2013, 18:22 Operator: QM
Sample : LOD-W-10PPB Inst : G1314A
Misc : Multiplr: 1.00
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
Title :
Last Update : Fri May 24 05:23:33 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

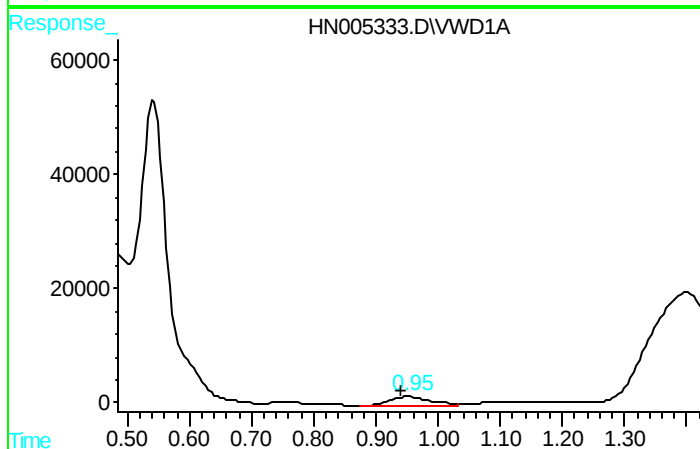
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





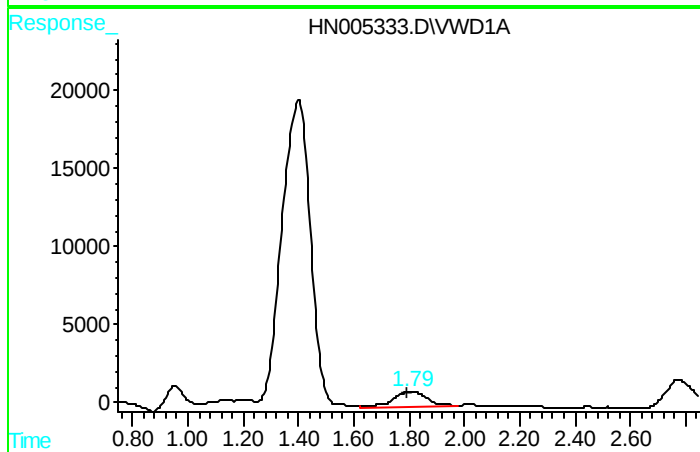
#1 4-Nitroaniline

R.T.: 1.400 min
Delta R.T.: 0.017 min
Response: 1417996
Conc: 333.63 ug/L



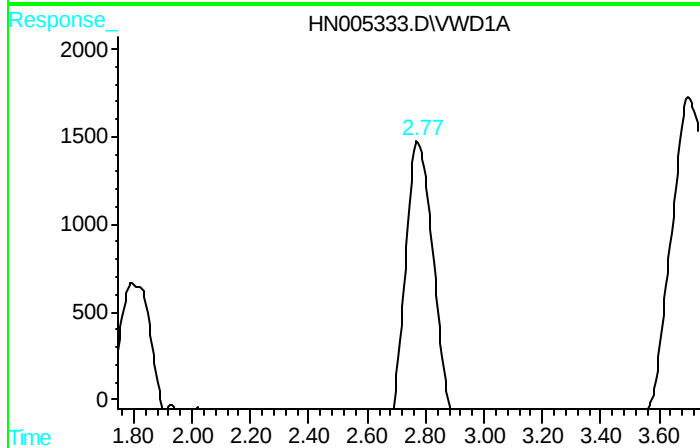
#2 HMX

R.T.: 0.954 min
Delta R.T.: 0.015 min
Response: 74087
Conc: 17.41 ug/L



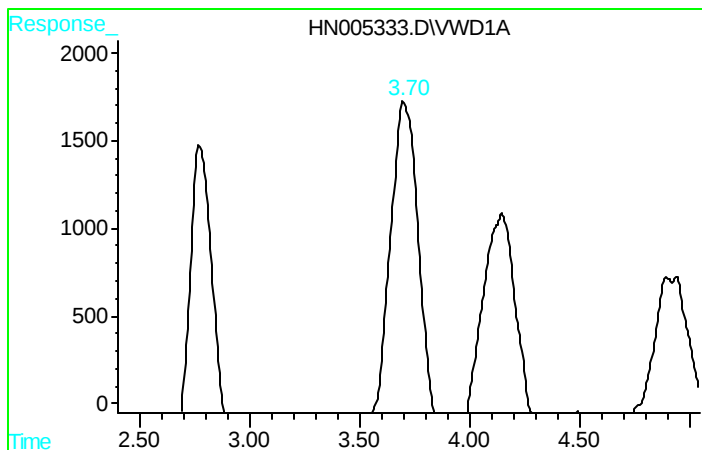
#3 RDX

R.T.: 1.797 min
Delta R.T.: 0.007 min
Response: 83868
Conc: 16.31 ug/L



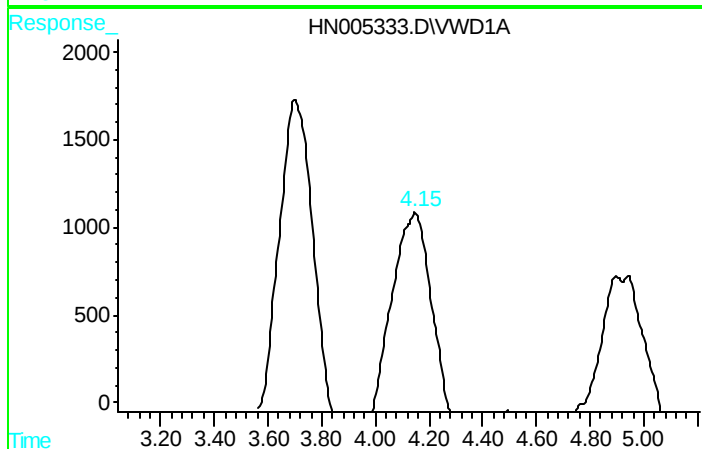
#4 1,3,5-Trinitrobenzene

R.T.: 2.773 min
Delta R.T.: 0.024 min
Response: 138861
Conc: 12.66 ug/L



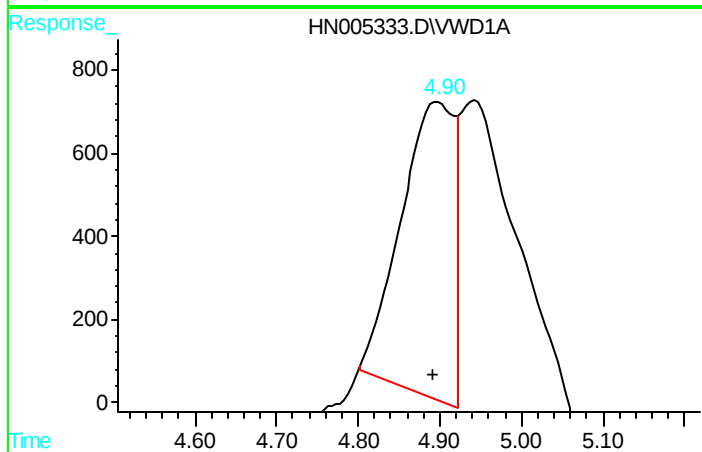
#5 1,3-Dinitrobenzene

R.T.: 3.702 min
Delta R.T.: 0.030 min
Response: 186463
Conc: 14.32 ng/ml



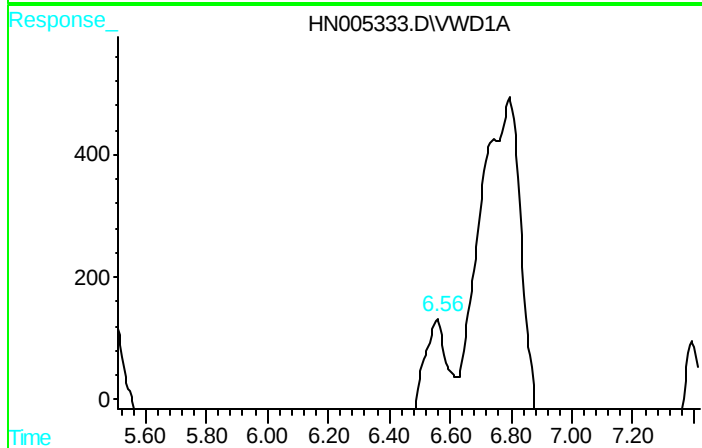
#6 3,5-Dinitroaniline

R.T.: 4.149 min
Delta R.T.: 0.039 min
Response: 145252
Conc: 9.33 ug/L



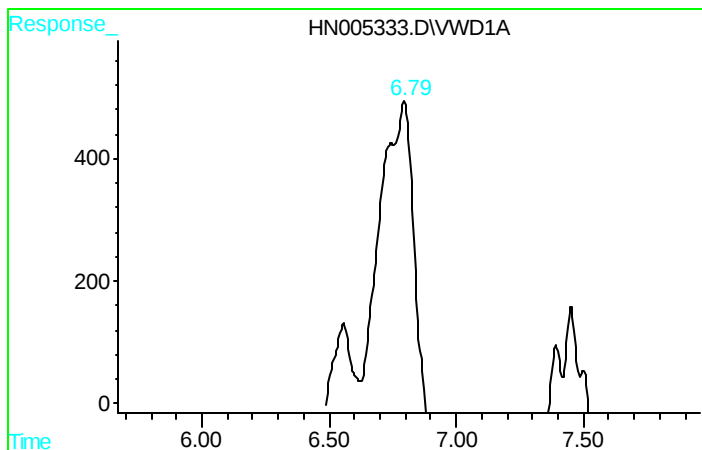
#7 Nitrobenzene

R.T.: 4.900 min
Delta R.T.: 0.008 min
Response: 31531
Conc: 3.39 ug/L



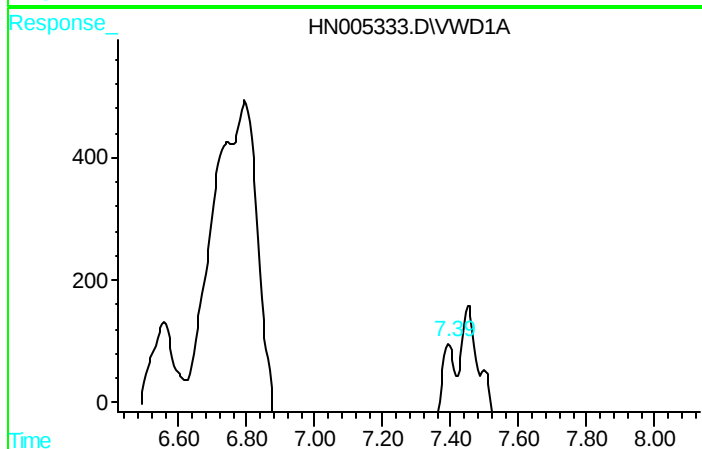
#8 Tetryl

R.T.: 6.558 min
Delta R.T.: -0.048 min
Response: 62710
Conc: 10.44 ug/L



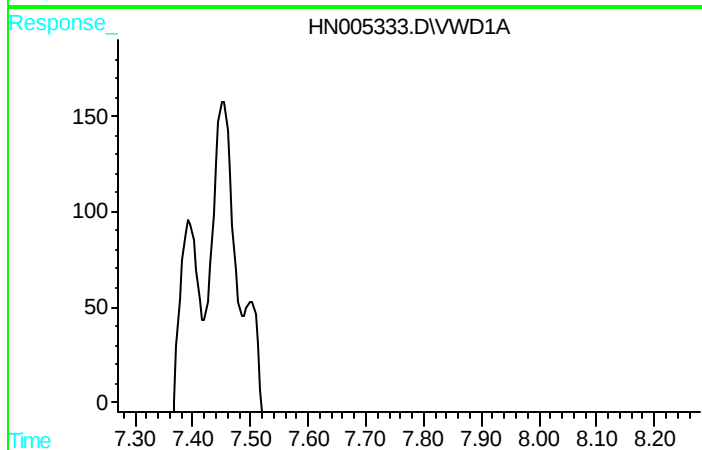
#9 2,4,6-Trinitrotoluene

R.T.: 6.796 min
Delta R.T.: 0.053 min
Response: 133138
Conc: 11.39 ug/L



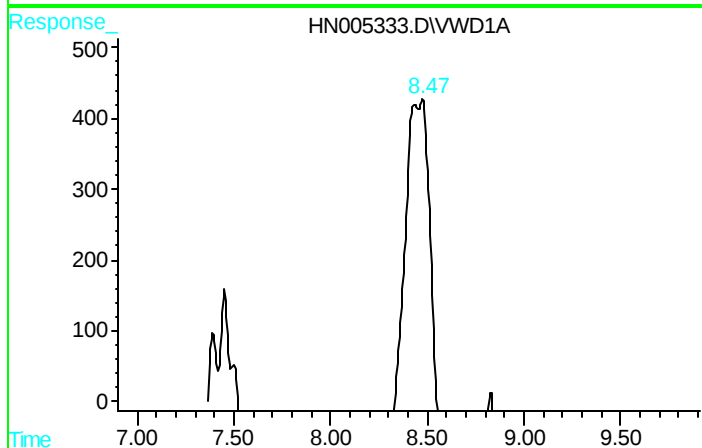
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 51997
Conc: 4.87 ug/L



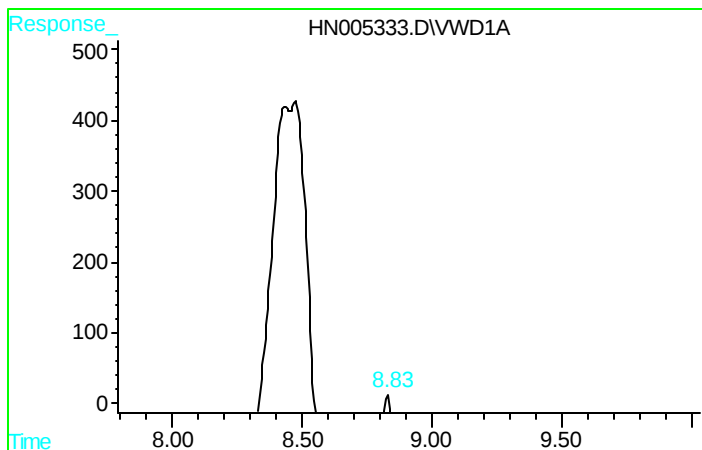
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 41639
Conc: 6.82 ug/L



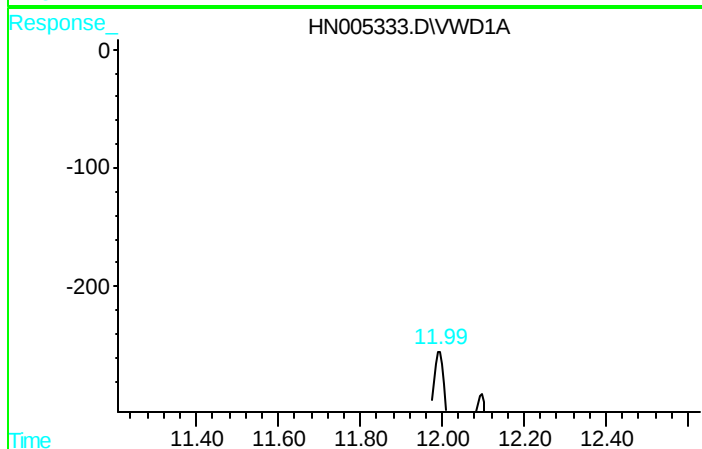
#12 2,4-Dinitrotoluene

R.T.: 8.472 min
Delta R.T.: 0.043 min
Response: 170644
Conc: 11.73 ug/L



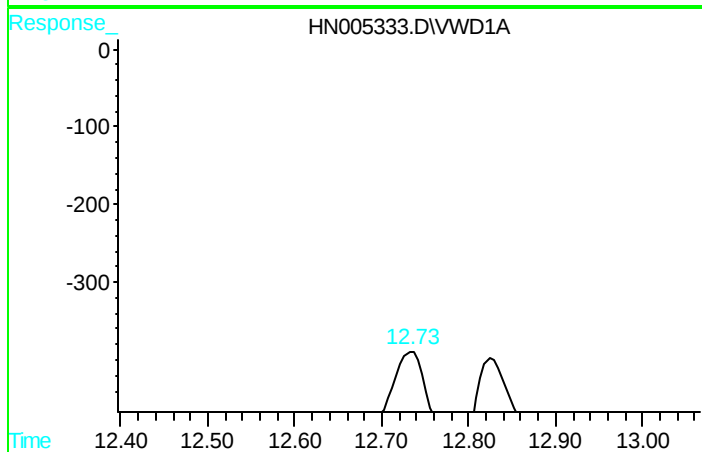
#13 2,6-Dinitrotoluene

R.T.: 8.829 min
Delta R.T.: -0.009 min
Response: 90494
Conc: 10.97 ug/L



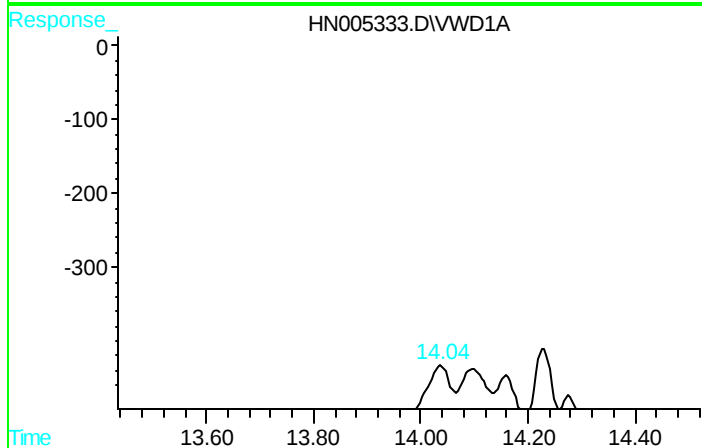
#14 2-Nitrotoluene

R.T.: 11.993 min
Delta R.T.: -0.032 min
Response: 41802
Conc: 6.70 ug/L



#15 4-Nitrotoluene

R.T.: 12.734 min
Delta R.T.: -0.029 min
Response: 18067
Conc: 3.44 ug/L



#16 3-Nitrotoluene

R.T.: 14.038 min
Delta R.T.: -0.008 min
Response: 24072
Conc: 3.62 ug/L