

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005801.D Vial: 27
 Acq On : 21-Jan-2014, 20:21 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:10 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	1.31	2325208	617.250 ug/L
Target Compounds			
2) T HMX	0.88	2063366	481.125 ug/L
3) T RDX	1.68	2853579	497.571 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	5219488	484.962 ug/L
5) T 1,3-Dinitrobenzene	3.47	8062251	499.756 ng/ml
6) T 3,5-Dinitroaniline	3.82	6990943	558.578 ug/L
7) T Nitrobenzene	4.63	5113171	475.608 ug/L
8) T Tetryl	6.08	3862824	560.186 ug/L
9) T 2,4,6-Trinitrotoluene	6.38	5144736	482.606 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.86	5441496	476.071 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.18	3443961	595.817 ug/L
12) T 2,4-Dinitrotoluene	7.95	7491918	489.715 ug/L
13) T 2,6-Dinitrotoluene	8.33	4361058	516.689 ug/L
14) T 2-Nitrotoluene	11.42	3251283	491.207 ug/L
15) T 4-Nitrotoluene	12.15	2709545	507.363 ug/L
16) T 3-Nitrotoluene	13.38	3369409	504.869 ug/L
17) T PETN	18.51	5344003	641.562 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.

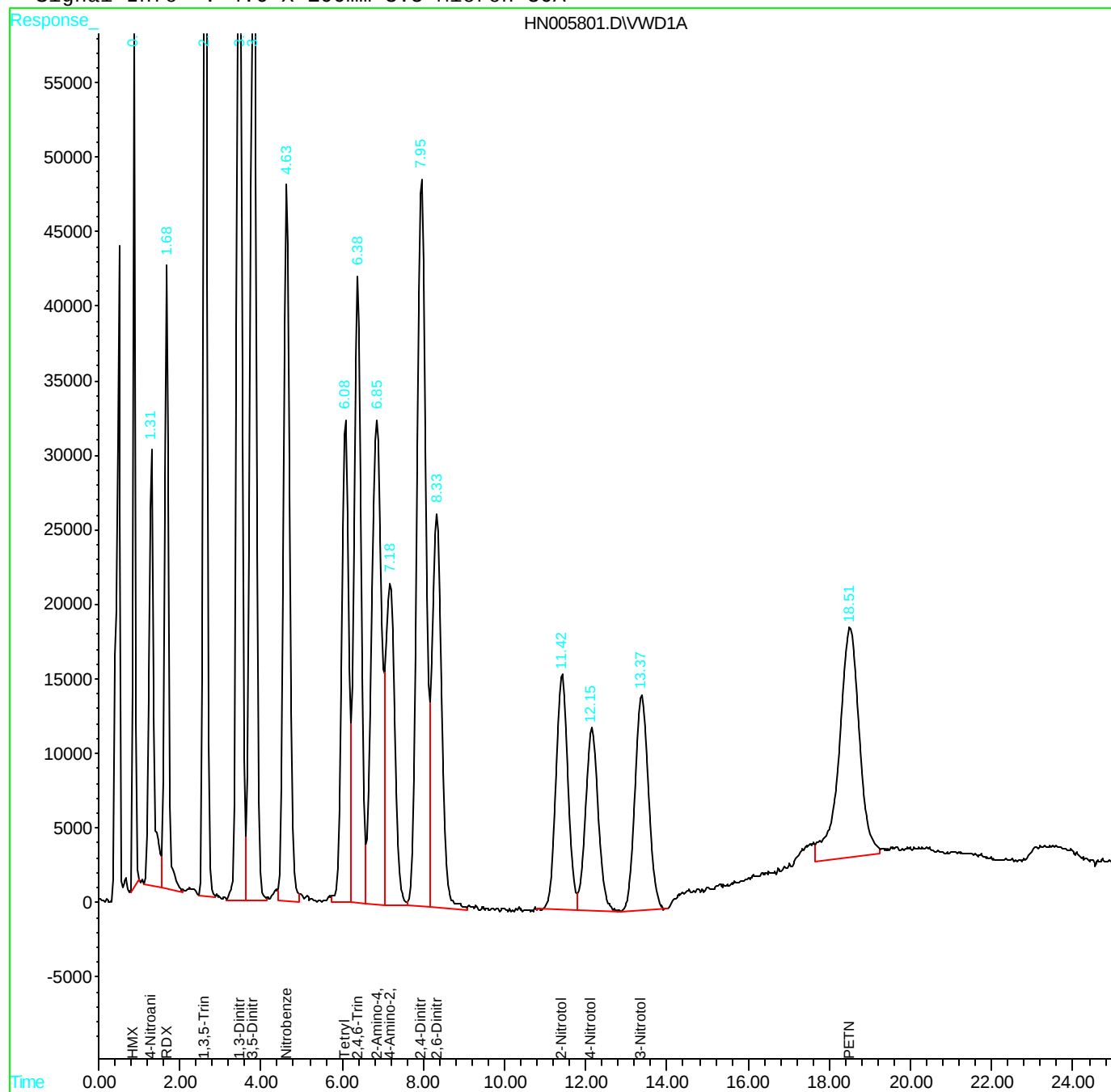
HN005801.D HN012114.M Fri Jan 24 13:10:44 2014 RPT1

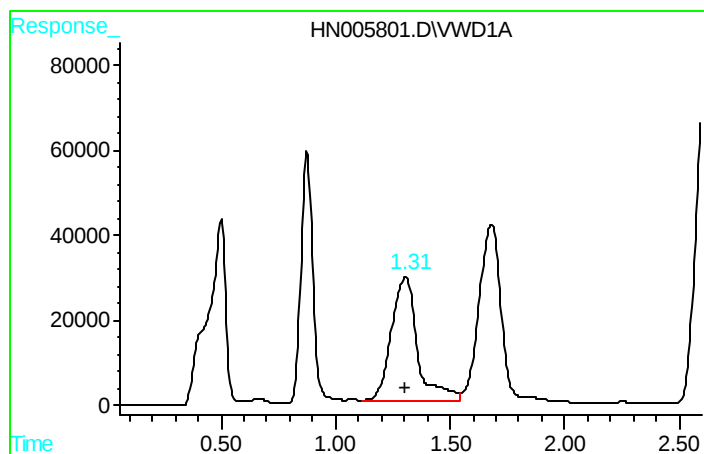
Quantitation Report

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005801.D Vial: 27
Acq On : 21-Jan-2014, 20:21 Operator: QM
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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

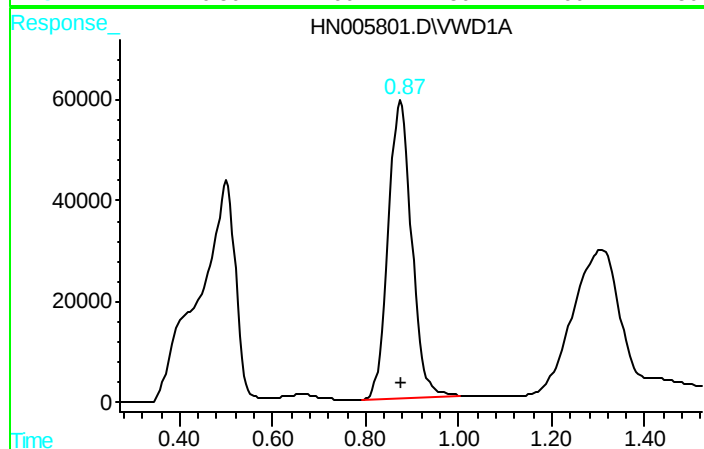
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





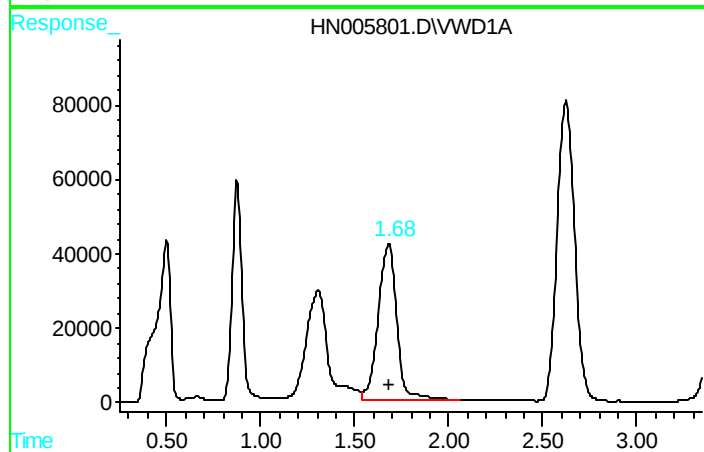
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: 0.003 min
Response: 2325208
Conc: 617.25 ug/L



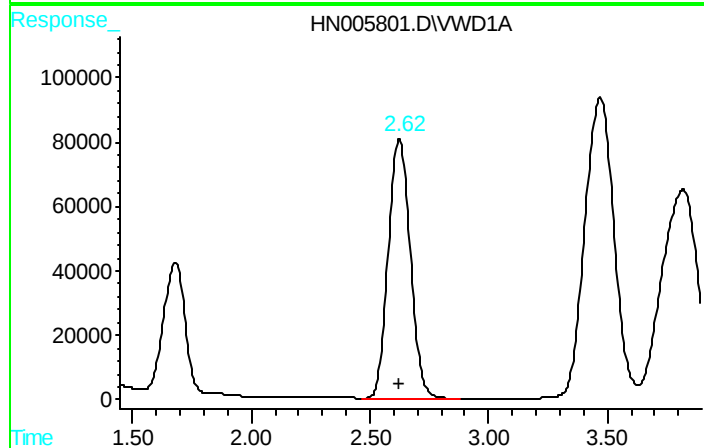
#2 HMX

R.T.: 0.875 min
Delta R.T.: 0.001 min
Response: 2063366
Conc: 481.12 ug/L



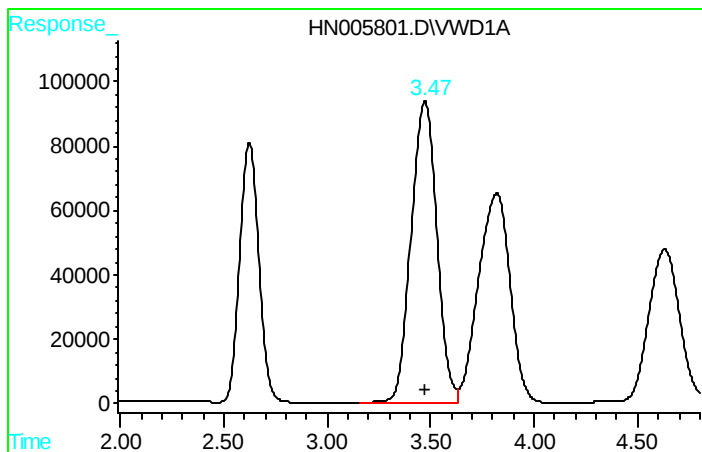
#3 RDX

R.T.: 1.682 min
Delta R.T.: 0.003 min
Response: 2853579
Conc: 497.57 ug/L

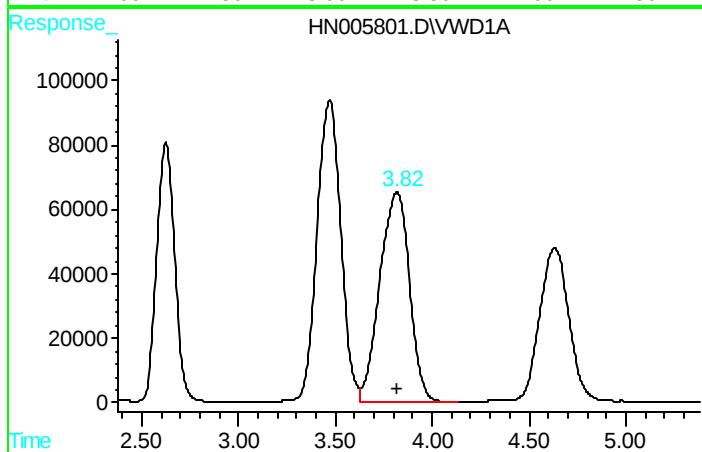


#4 1,3,5-Trinitrobenzene

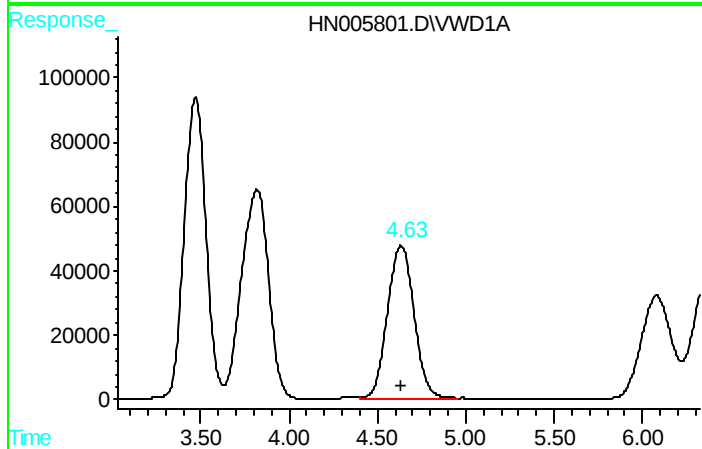
R.T.: 2.625 min
Delta R.T.: 0.002 min
Response: 5219488
Conc: 484.96 ug/L



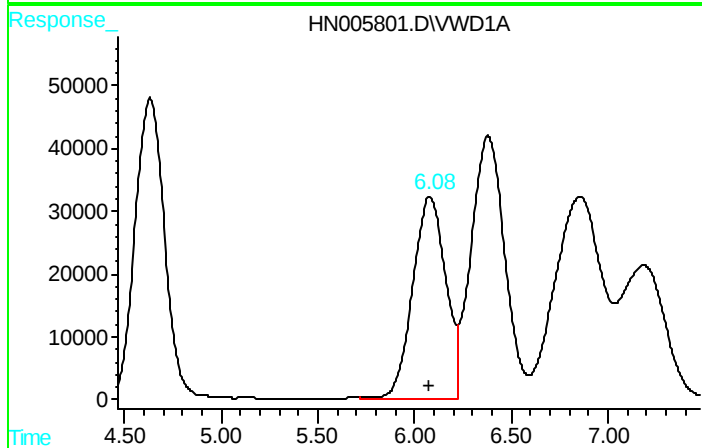
#5 1,3-Dinitrobenzene
 R.T.: 3.471 min
 Delta R.T.: 0.002 min
 Response: 8062251
 Conc: 499.76 ng/ml



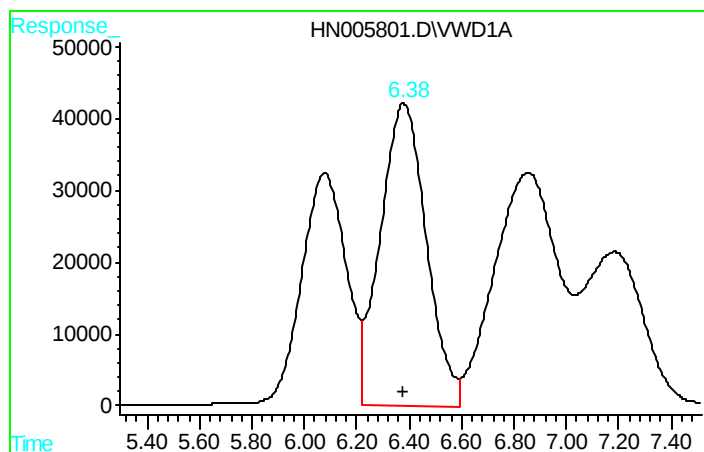
#6 3,5-Dinitroaniline
 R.T.: 3.819 min
 Delta R.T.: 0.002 min
 Response: 6990943
 Conc: 558.58 ug/L



#7 Nitrobenzene
 R.T.: 4.634 min
 Delta R.T.: 0.003 min
 Response: 5113171
 Conc: 475.61 ug/L

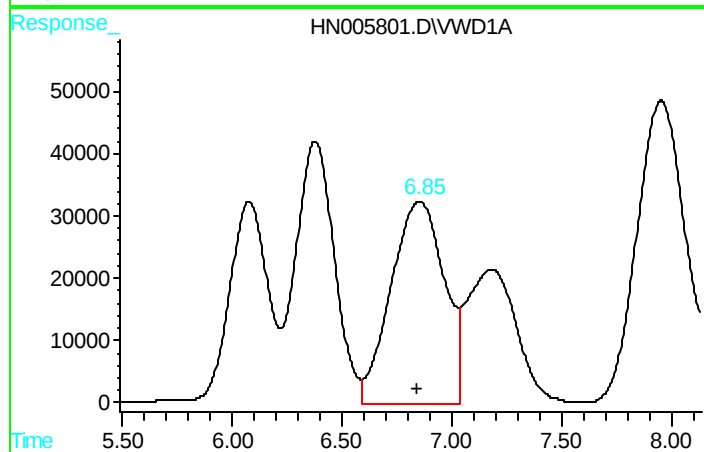


#8 Tetryl
 R.T.: 6.079 min
 Delta R.T.: 0.007 min
 Response: 3862824
 Conc: 560.19 ug/L



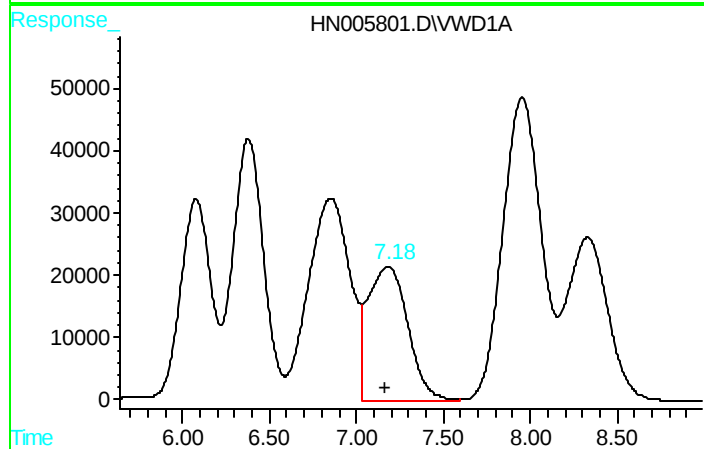
#9 2,4,6-Trinitrotoluene

R.T.: 6.379 min
Delta R.T.: 0.006 min
Response: 5144736
Conc: 482.61 ug/L



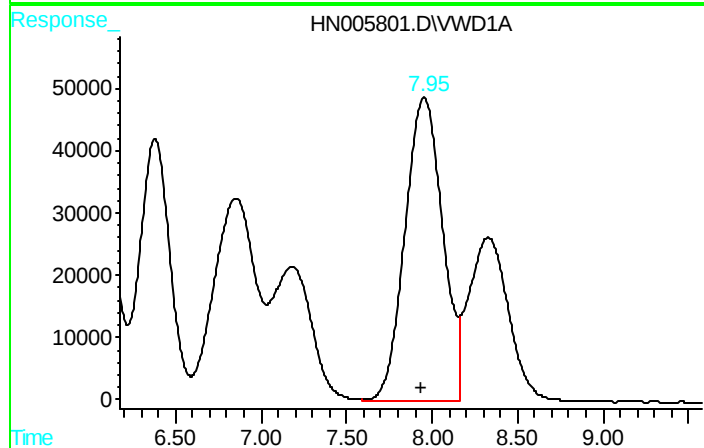
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.855 min
Delta R.T.: 0.011 min
Response: 5441496
Conc: 476.07 ug/L



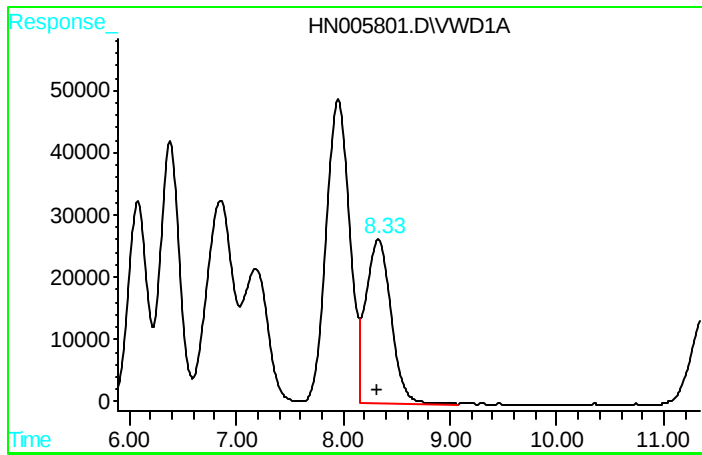
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.183 min
Delta R.T.: 0.014 min
Response: 3443961
Conc: 595.82 ug/L



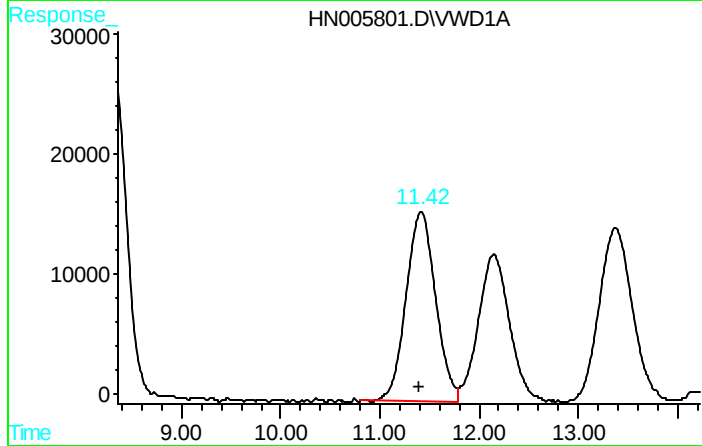
#12 2,4-Dinitrotoluene

R.T.: 7.953 min
Delta R.T.: 0.015 min
Response: 7491918
Conc: 489.72 ug/L



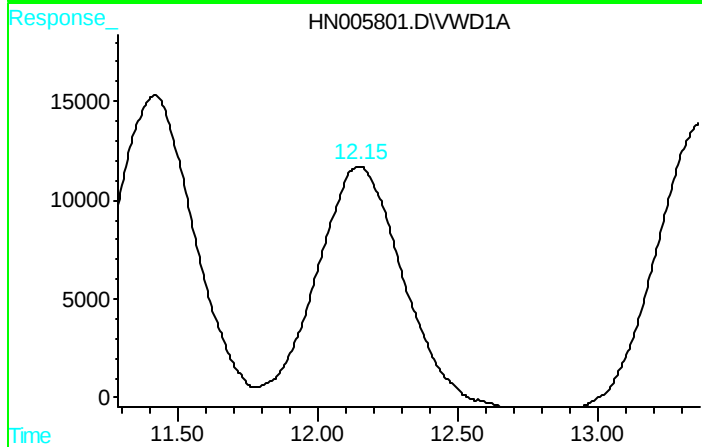
#13 2,6-Dinitrotoluene

R.T.: 8.329 min
Delta R.T.: 0.015 min
Response: 4361058
Conc: 516.69 ug/L



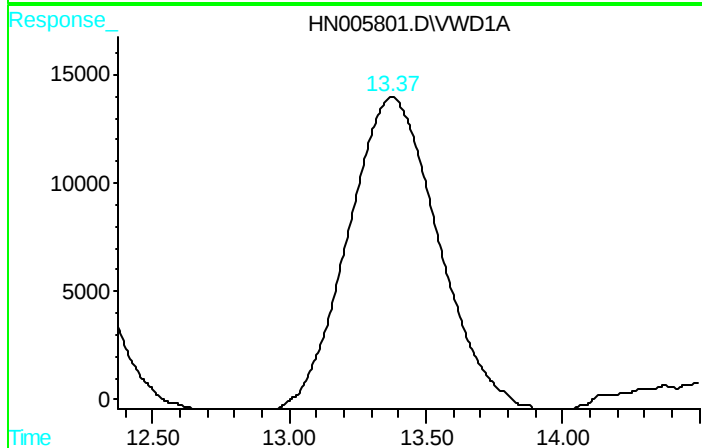
#14 2-Nitrotoluene

R.T.: 11.418 min
Delta R.T.: 0.027 min
Response: 3251283
Conc: 491.21 ug/L



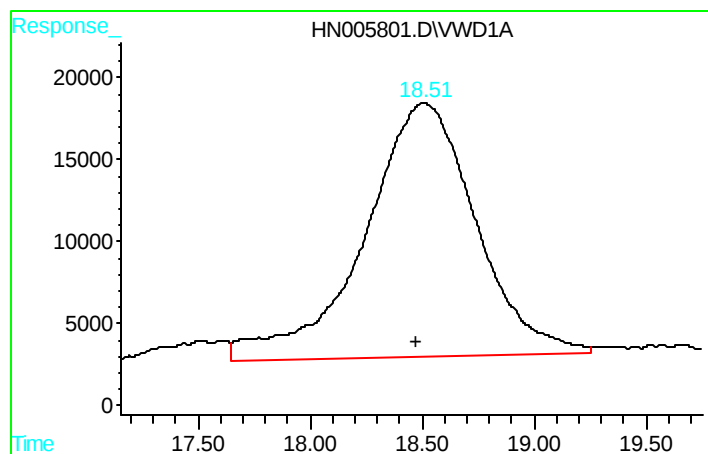
#15 4-Nitrotoluene

R.T.: 12.148 min
Delta R.T.: 0.015 min
Response: 2709545
Conc: 507.36 ug/L



#16 3-Nitrotoluene

R.T.: 13.376 min
Delta R.T.: 0.016 min
Response: 3369409
Conc: 504.87 ug/L



#17 PETN

R.T.: 18.507 min
Delta R.T.: 0.038 min
Response: 5344003
Conc: 641.56 ug/L