

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005971.D Vial: 22
Acq On : 29-Apr-2014, 03:46 Operator: HNP
Sample : PB76115BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 12:03 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	735773	176.941 ug/L
Target Compounds			
2) T HMX	0.92	1067853	209.225 ug/L
3) T RDX	1.79	782712	132.970 ug/L
4) T 1,3,5-Trinitrobenzene	2.83	1381859	116.662 ug/L
5) T 1,3-Dinitrobenzene	3.75	2215471	122.661 ng/ml
6) T 3,5-Dinitroaniline	4.14	1872203	137.459 ug/L
7) T Nitrobenzene	5.02	1385297	127.468 ug/L
8) T Tetryl	6.80	799481	97.995 ug/L
9) T 2,4,6-Trinitrotoluene	7.05	1450410	119.324 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.58	1327970	107.610 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.99	914117	131.098 ug/L
12) T 2,4-Dinitrotoluene	8.78	1891167	110.945 ug/L
13) T 2,6-Dinitrotoluene	9.23	991627	113.581 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.

HN005971.D HN042814.M

Tue Apr 29 12:03:50 2014

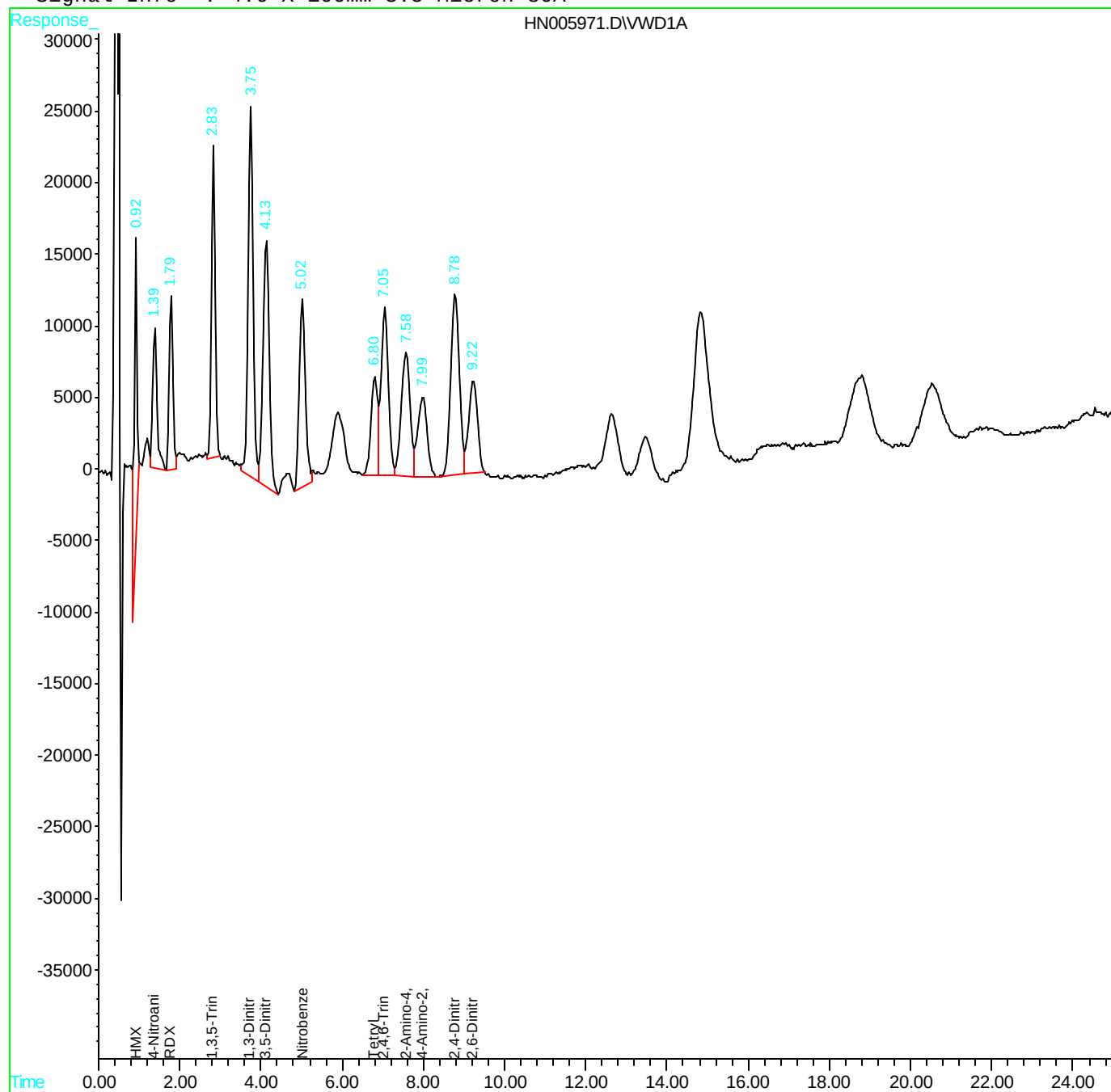
RPT1

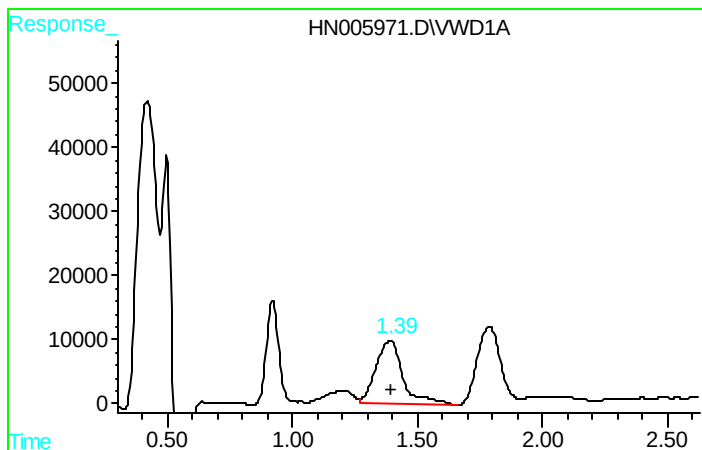
Quantitation Report

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Acq On : 29-Apr-2014, 03:46 Operator: HNP
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Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 12:03 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 : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

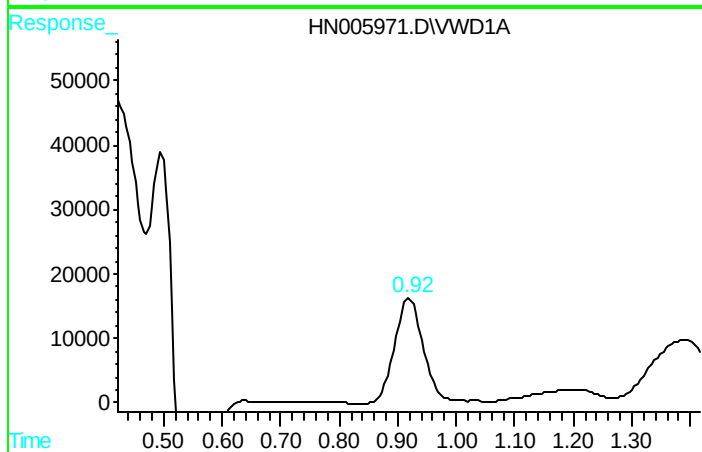
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





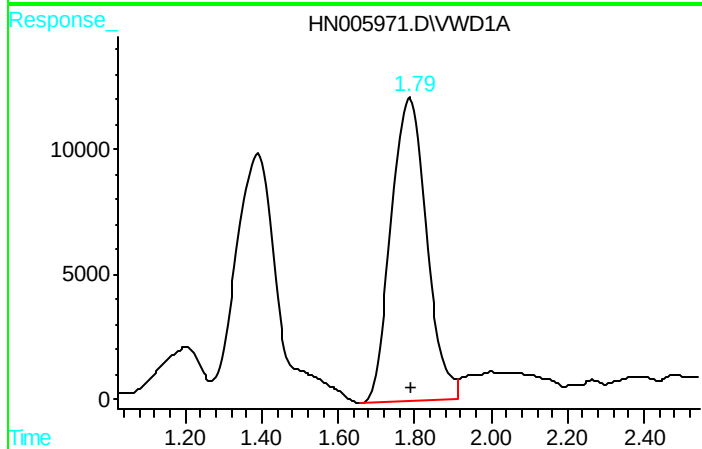
#1 4-Nitroaniline

R.T.: 1.390 min
Delta R.T.: 0.000 min
Response: 735773
Conc: 176.94 ug/L



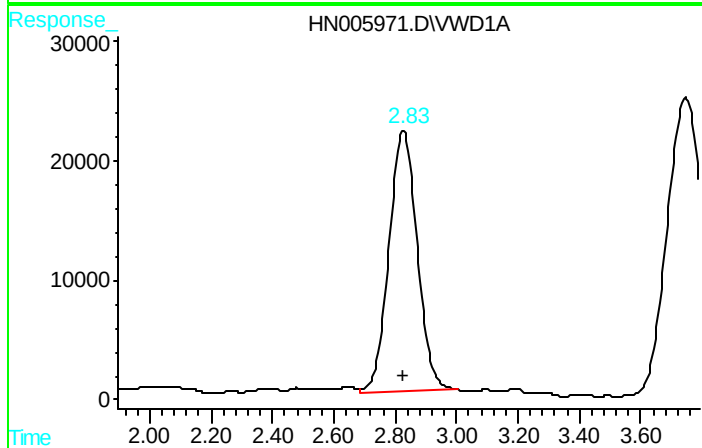
#2 HMX

R.T.: 0.920 min
Delta R.T.: 0.001 min
Response: 1067853
Conc: 209.23 ug/L



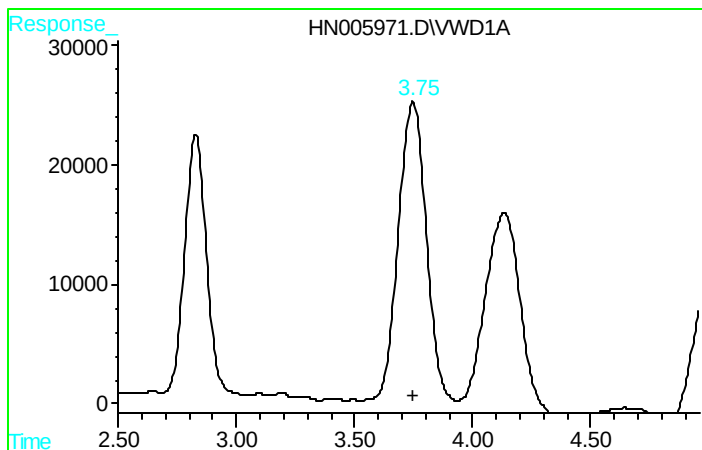
#3 RDX

R.T.: 1.788 min
Delta R.T.: -0.005 min
Response: 782712
Conc: 132.97 ug/L

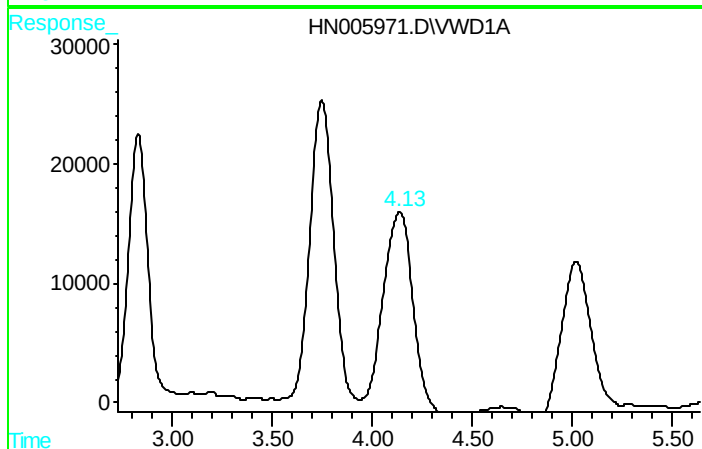


#4 1,3,5-Trinitrobenzene

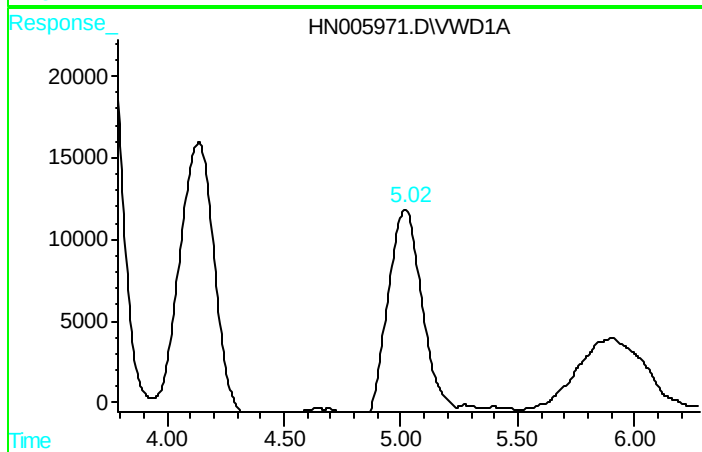
R.T.: 2.827 min
Delta R.T.: 0.002 min
Response: 1381859
Conc: 116.66 ug/L



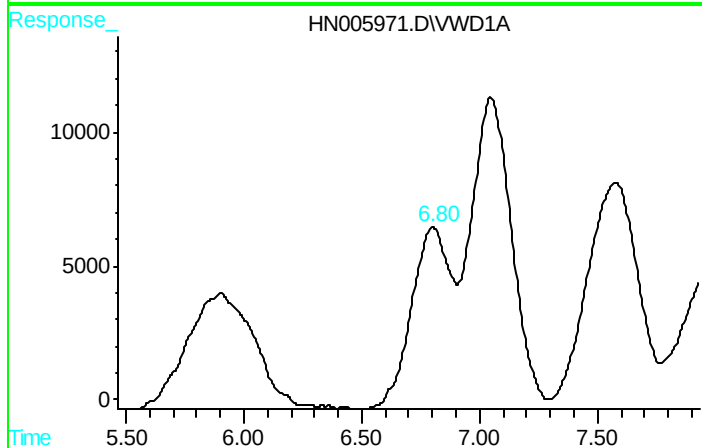
#5 1,3-Dinitrobenzene
 R.T.: 3.747 min
 Delta R.T.: 0.004 min
 Response: 2215471
 Conc: 122.66 ng/ml



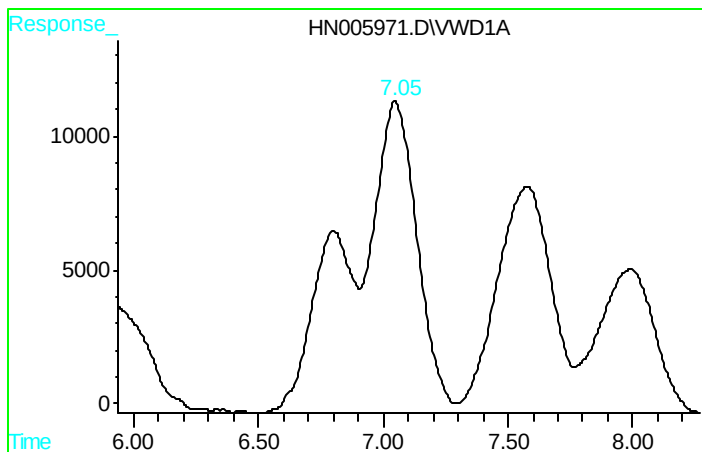
#6 3,5-Dinitroaniline
 R.T.: 4.136 min
 Delta R.T.: 0.006 min
 Response: 1872203
 Conc: 137.46 ug/L



#7 Nitrobenzene
 R.T.: 5.019 min
 Delta R.T.: 0.007 min
 Response: 1385297
 Conc: 127.47 ug/L

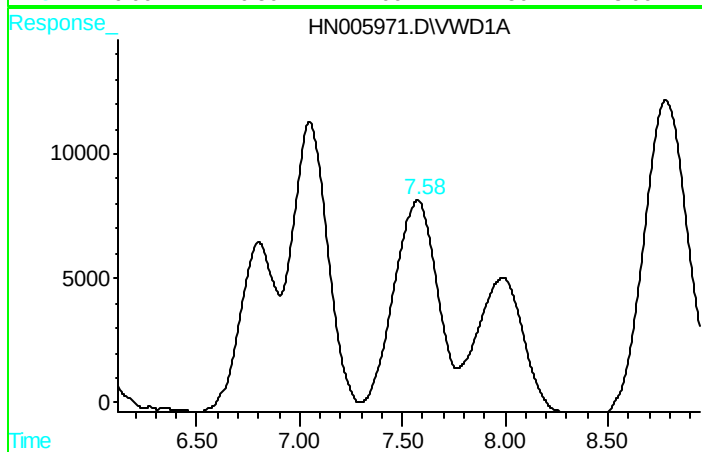


#8 Tetryl
 R.T.: 6.802 min
 Delta R.T.: 0.040 min
 Response: 799481
 Conc: 97.99 ug/L



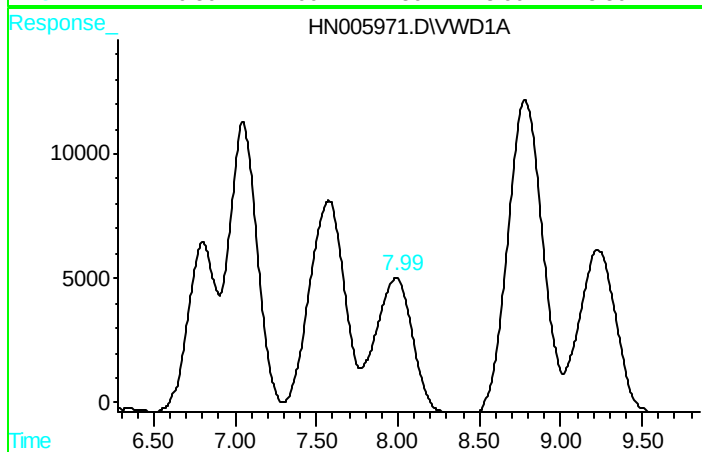
#9 2,4,6-Trinitrotoluene

R.T.: 7.048 min
Delta R.T.: 0.031 min
Response: 1450410
Conc: 119.32 ug/L



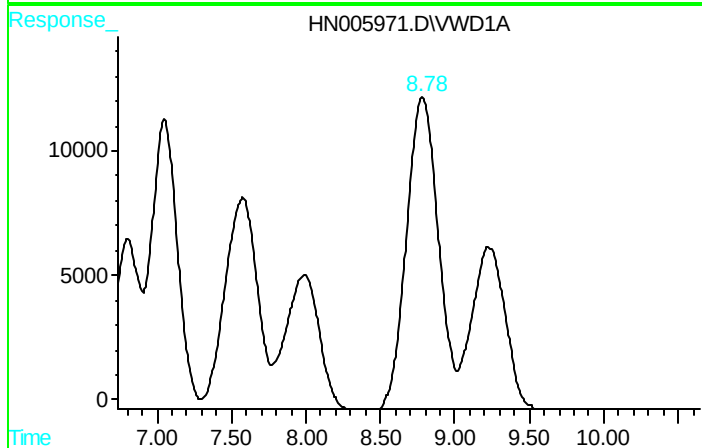
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.578 min
Delta R.T.: 0.045 min
Response: 1327970
Conc: 107.61 ug/L



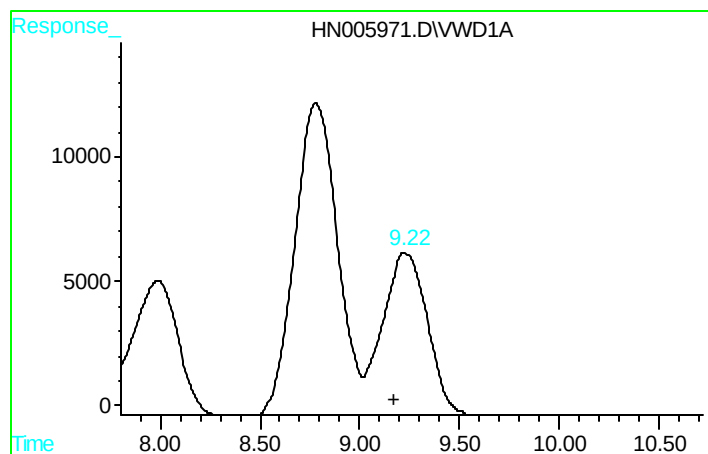
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.991 min
Delta R.T.: 0.054 min
Response: 914117
Conc: 131.10 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.781 min
Delta R.T.: 0.049 min
Response: 1891167
Conc: 110.94 ug/L



#13 2,6-Dinitrotoluene

R.T.: 9.227 min
Delta R.T.: 0.052 min
Response: 991627
Conc: 113.58 ug/L