

Data File : S:\HPCHEM1\HPLC_N\DATA\HN043014\HN006013.D Vial: 3
 Acq On : 30-Apr-2014, 10:10 Operator: HNP
 Sample : PB76036BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Apr 30 11:59 2014 Quant Results File: HN042914.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
 Title :
 Last Update : Wed Apr 30 11:47:35 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	1.35	1312359	277.668 ug/L
Target Compounds				
2) T	HMX	0.90	1151929	234.847 ug/L
3) T	RDX	1.74	1344751	230.093 ug/L
4) T	1,3,5-Trinitrobenzene	2.73	2652014	222.693 ug/L
5) T	1,3-Dinitrobenzene	3.61	4231857	234.285 ng/ml
6) T	3,5-Dinitroaniline	3.99	3352615	252.144 ug/L
7) T	Nitrobenzene	4.83	2559638	236.543 ug/L
8) T	Tetryl	6.46	1384914	189.741 ug/L
9) T	2,4,6-Trinitrotoluene	6.72	2904098	242.985 ug/L
10) T	2-Amino-4,6-dinitrotoluene	7.24	2669217	211.906 ug/L
11) T	4-Amino-2,6-dinitrotoluene	7.61	1716765	239.023 ug/L
12) T	2,4-Dinitrotoluene	8.38	3877632	219.961 ug/L
13) T	2,6-Dinitrotoluene	8.79	2168727	243.612 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.

HN006013.D HN042914.M Wed Apr 30 11:59:48 2014

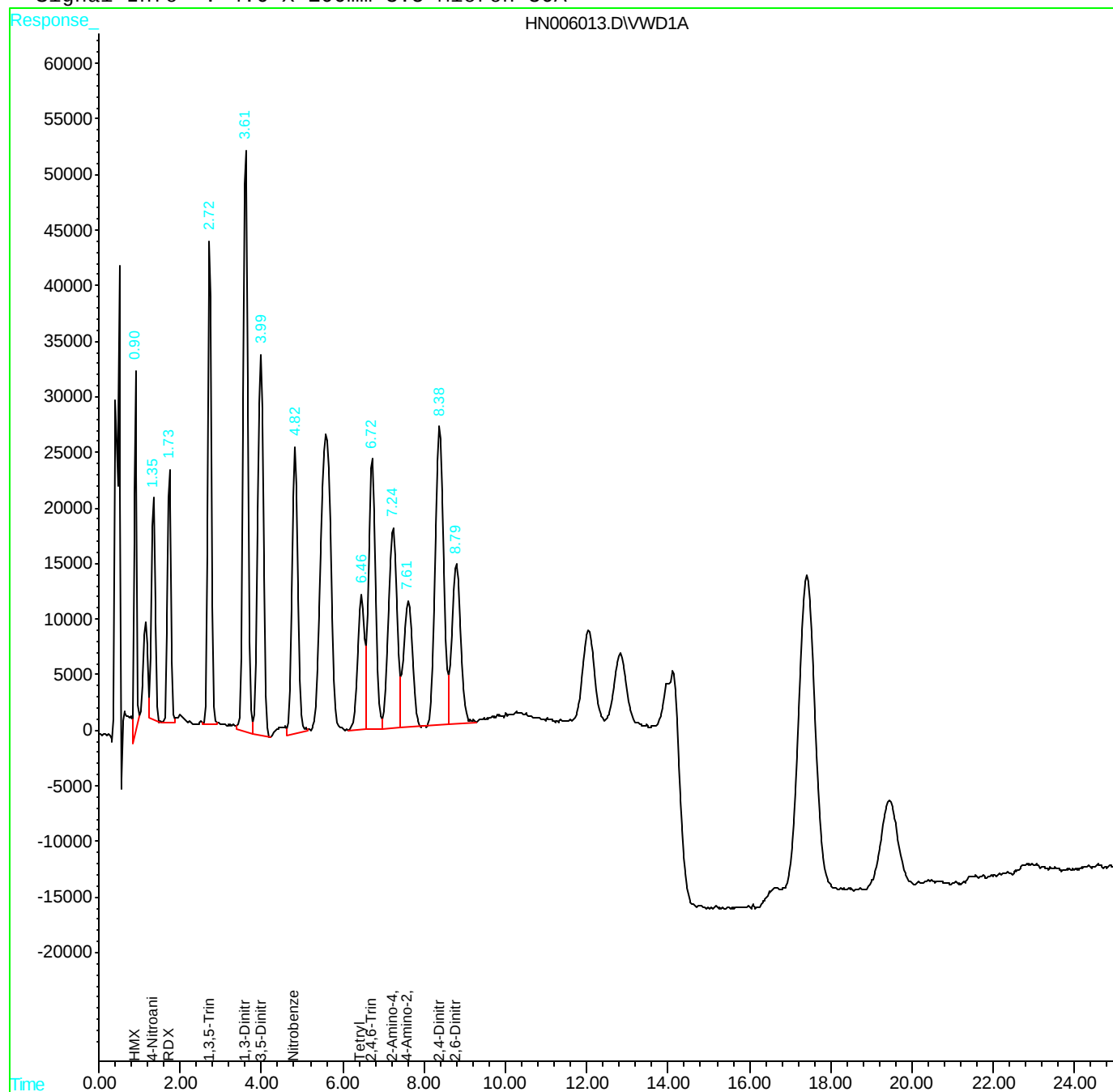
RPT1

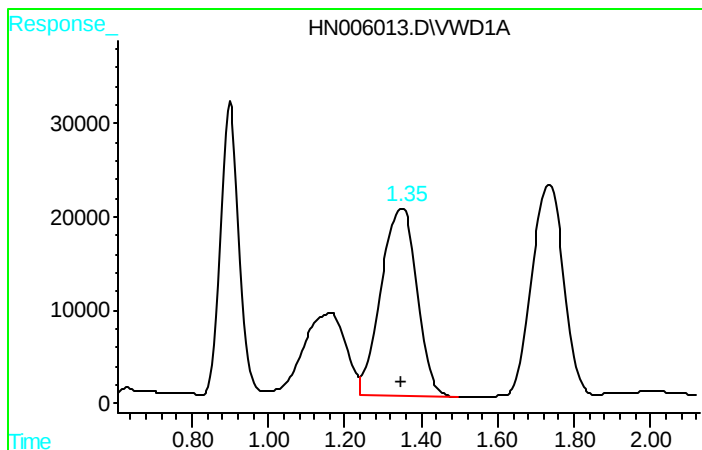
Quantitation Report

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Sample : PB76036BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 30 11:59 2014 Quant Results File: HN042914.RES

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
Title :
Last Update : Wed Apr 30 11:47:35 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

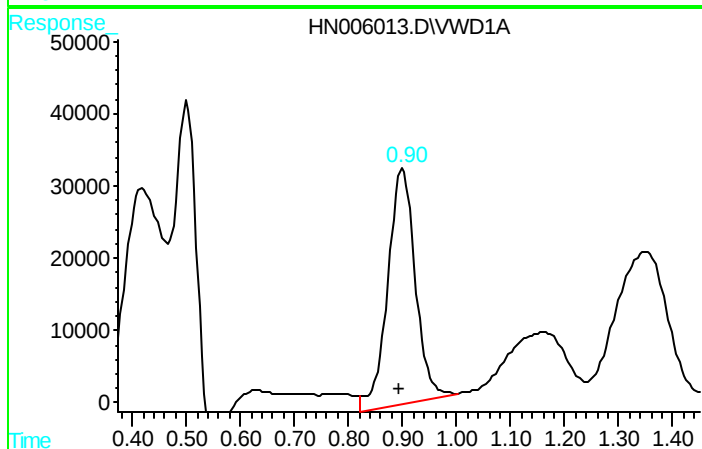
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





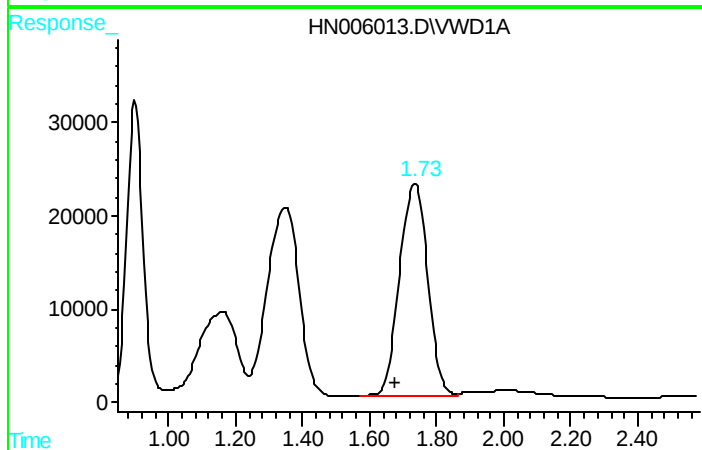
#1 4-Nitroaniline

R.T.: 1.350 min
Delta R.T.: 0.005 min
Response: 1312359
Conc: 277.67 ug/L



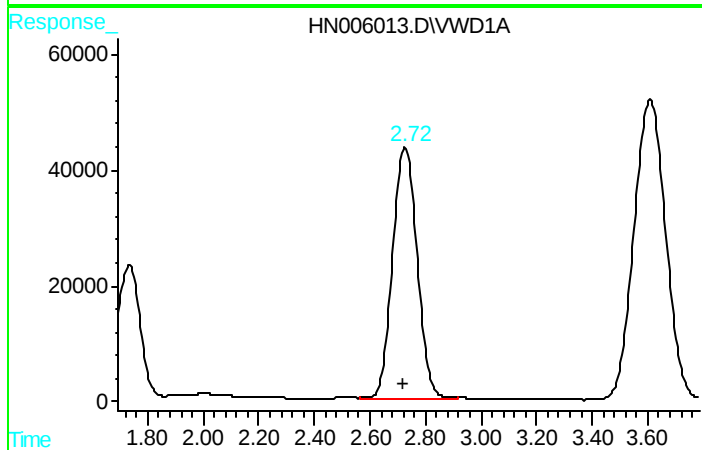
#2 HMX

R.T.: 0.900 min
Delta R.T.: 0.005 min
Response: 1151929
Conc: 234.85 ug/L



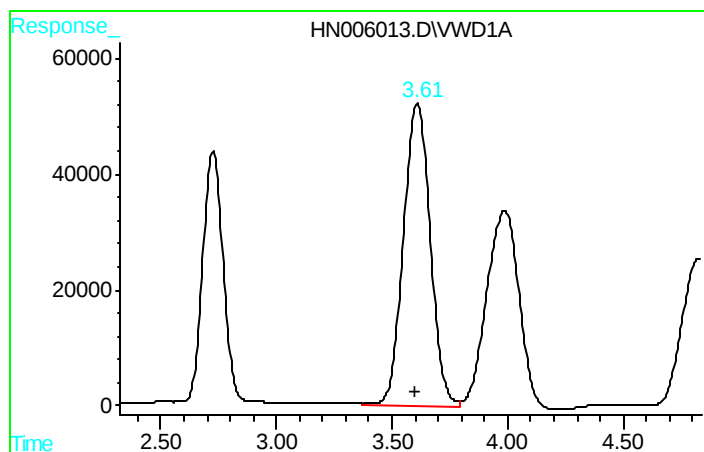
#3 RDX

R.T.: 1.736 min
Delta R.T.: 0.062 min
Response: 1344751
Conc: 230.09 ug/L

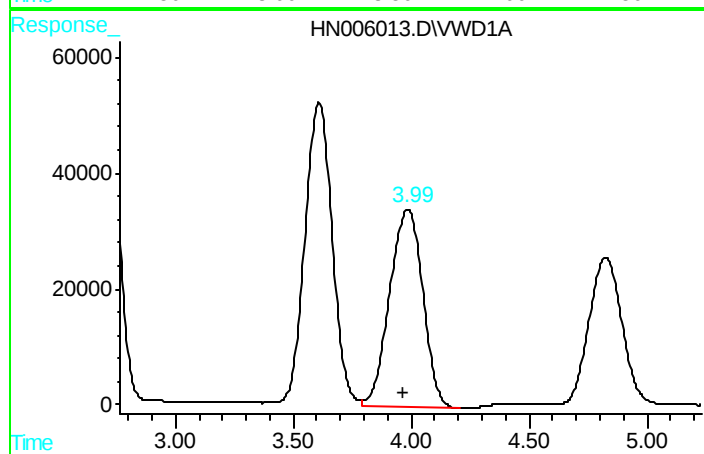


#4 1,3,5-Trinitrobenzene

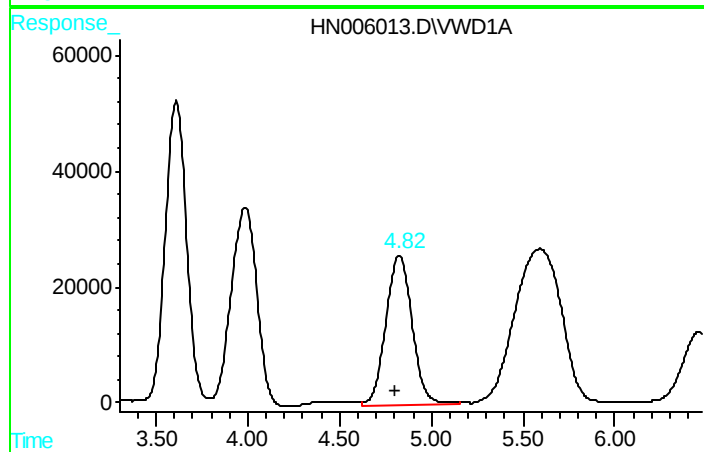
R.T.: 2.727 min
Delta R.T.: 0.012 min
Response: 2652014
Conc: 222.69 ug/L



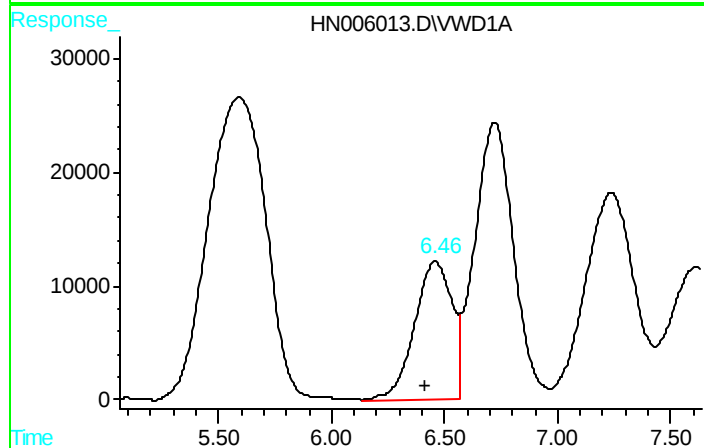
#5 1,3-Dinitrobenzene
 R.T.: 3.610 min
 Delta R.T.: 0.015 min
 Response: 4231857
 Conc: 234.28 ng/ml



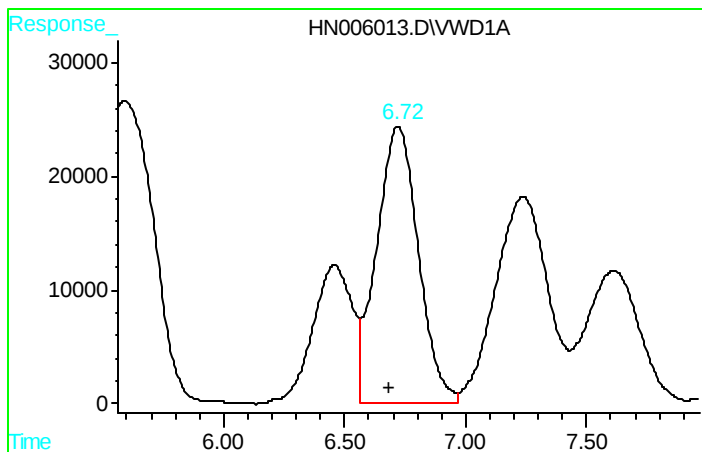
#6 3,5-Dinitroaniline
 R.T.: 3.987 min
 Delta R.T.: 0.020 min
 Response: 3352615
 Conc: 252.14 ug/L



#7 Nitrobenzene
 R.T.: 4.825 min
 Delta R.T.: 0.022 min
 Response: 2559638
 Conc: 236.54 ug/L

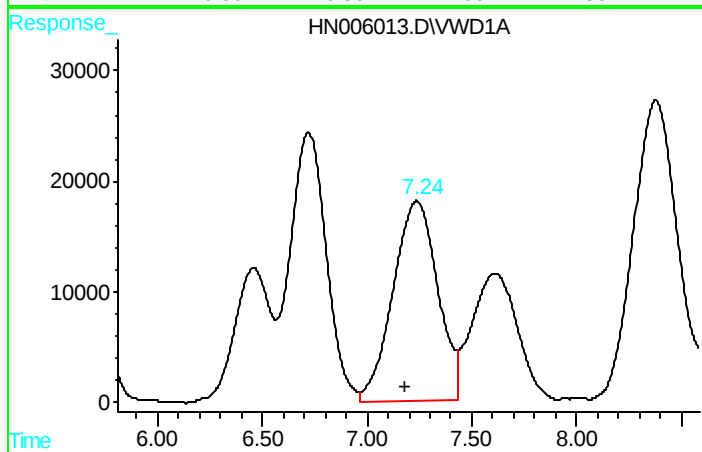


#8 Tetryl
 R.T.: 6.459 min
 Delta R.T.: 0.044 min
 Response: 1384914
 Conc: 189.74 ug/L



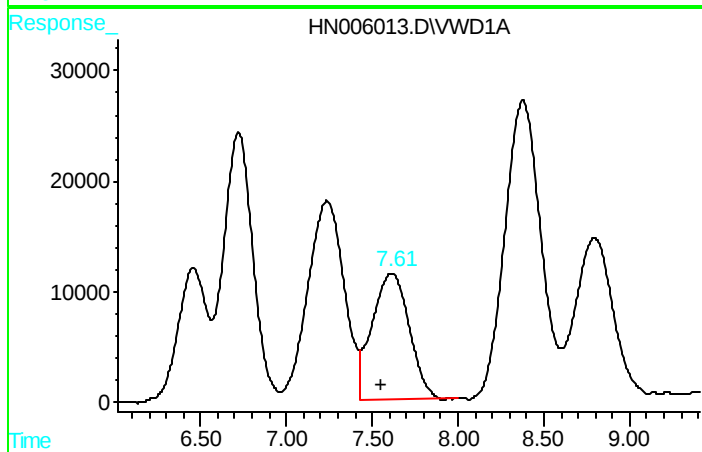
#9 2,4,6-Trinitrotoluene

R.T.: 6.722 min
Delta R.T.: 0.041 min
Response: 2904098
Conc: 242.98 ug/L



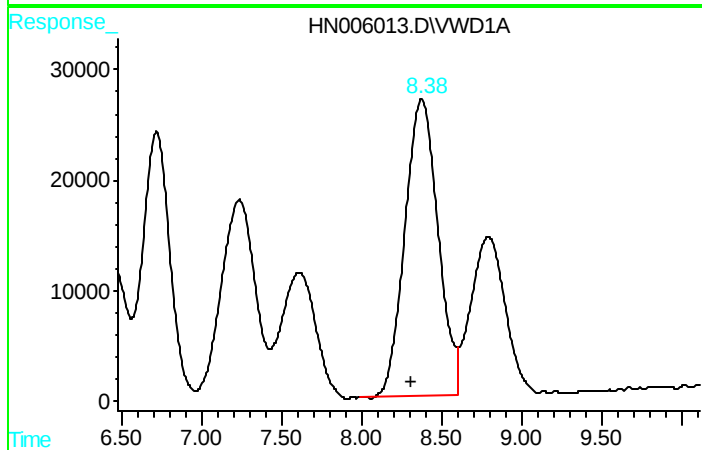
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.238 min
Delta R.T.: 0.056 min
Response: 2669217
Conc: 211.91 ug/L



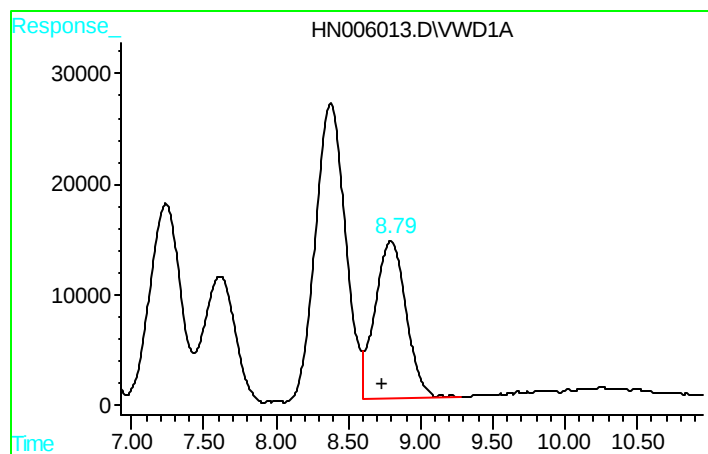
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.613 min
Delta R.T.: 0.062 min
Response: 1716765
Conc: 239.02 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.379 min
Delta R.T.: 0.062 min
Response: 3877632
Conc: 219.96 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.795 min
Delta R.T.: 0.066 min
Response: 2168727
Conc: 243.61 ug/L