

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005968.D Vial: 19
 Acq On : 29-Apr-2014, 02:25 Operator: HNP
 Sample : PB76036BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Apr 29 11:45 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	1305687	313.995 ug/L
Target Compounds			
2) T HMX	0.92	1556716	305.009 ug/L
3) T RDX	1.79	1496433	254.220 ug/L
4) T 1,3,5-Trinitrobenzene	2.83	2706967	228.533 ug/L
5) T 1,3-Dinitrobenzene	3.75	4371598	242.035 ng/ml
6) T 3,5-Dinitroaniline	4.13	3540117	259.918 ug/L
7) T Nitrobenzene	5.02	2616662	240.773 ug/L
8) T Tetryl	6.80	1435651	175.972 ug/L
9) T 2,4,6-Trinitrotoluene	7.05	2995899	246.469 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.57	2696745	218.527 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.98	1835801	263.282 ug/L
12) T 2,4-Dinitrotoluene	8.78	3865474	226.767 ug/L
13) T 2,6-Dinitrotoluene	9.22	2040714	233.743 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.

HN005968.D HN042814.M

Tue Apr 29 11:45:39 2014

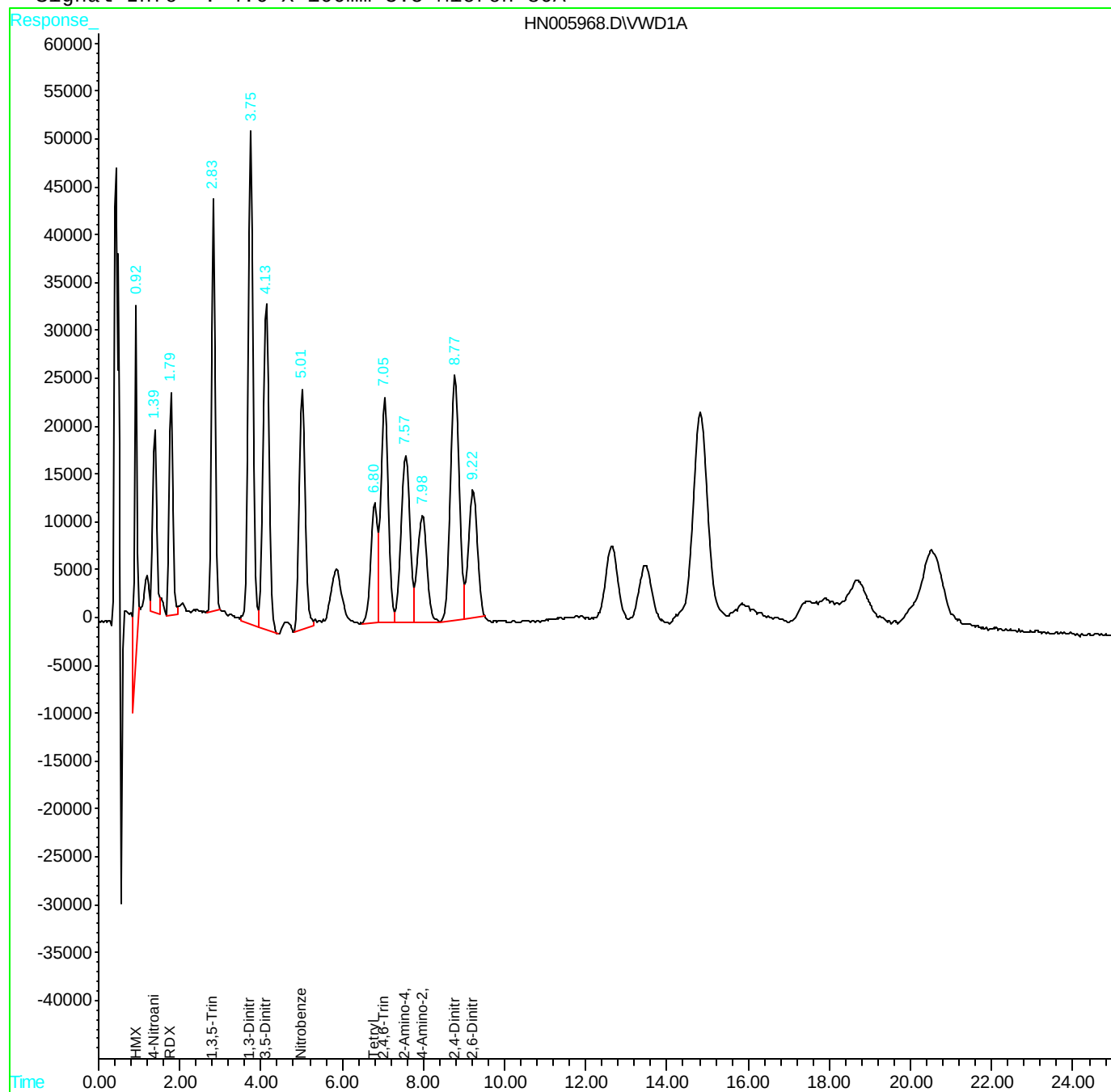
RPT1

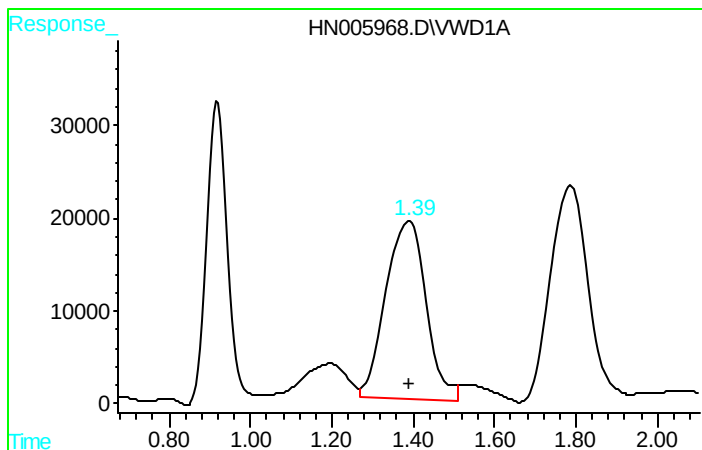
Quantitation Report

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005968.D Vial: 19
Acq On : 29-Apr-2014, 02:25 Operator: HNP
Sample : PB76036BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 11:45 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

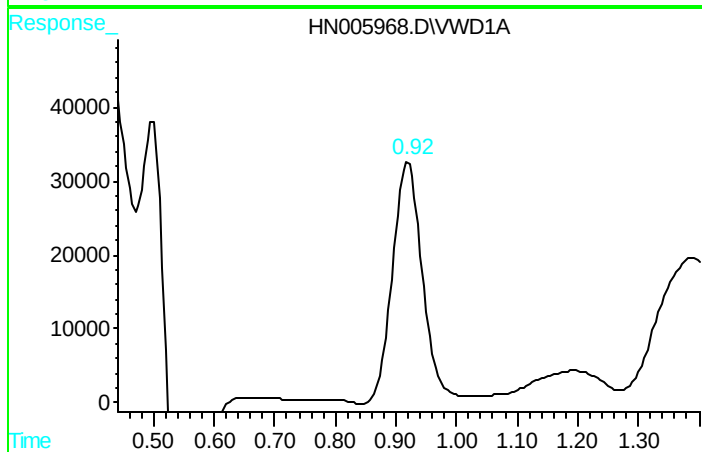
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





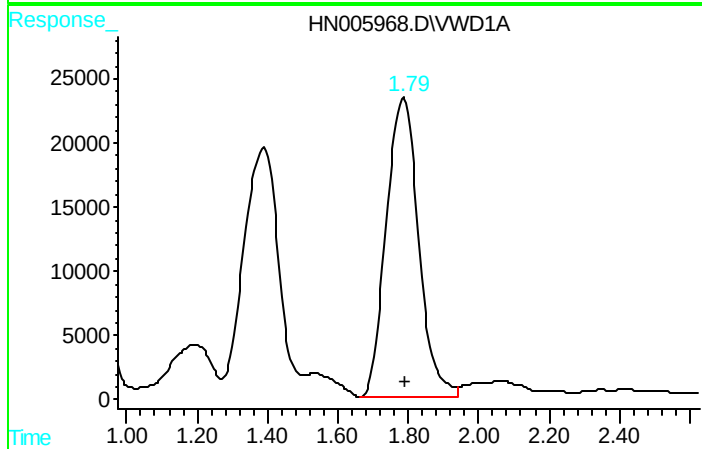
#1 4-Nitroaniline

R.T.: 1.390 min
Delta R.T.: 0.000 min
Response: 1305687
Conc: 314.00 ug/L



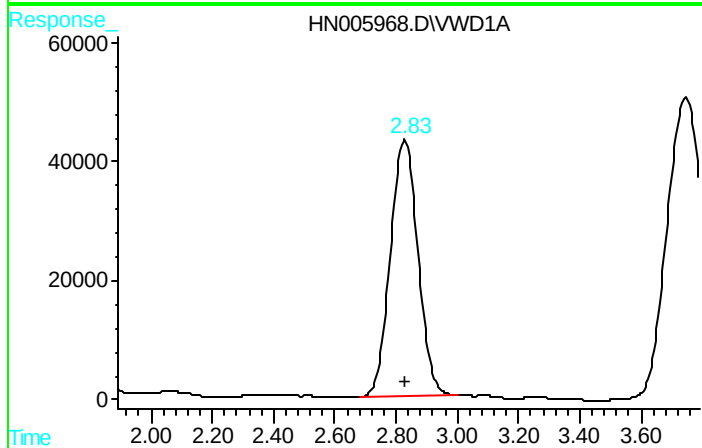
#2 HMX

R.T.: 0.920 min
Delta R.T.: 0.001 min
Response: 1556716
Conc: 305.01 ug/L



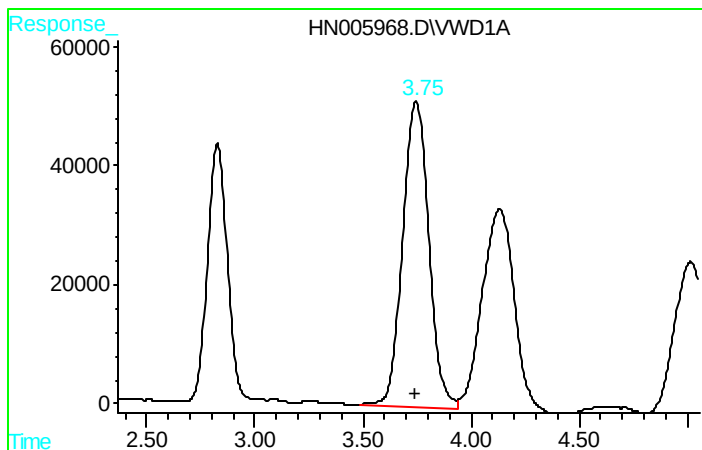
#3 RDX

R.T.: 1.787 min
Delta R.T.: -0.005 min
Response: 1496433
Conc: 254.22 ug/L

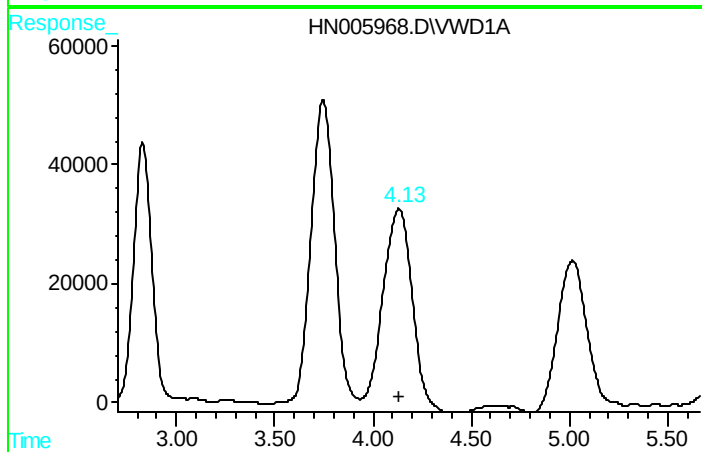


#4 1,3,5-Trinitrobenzene

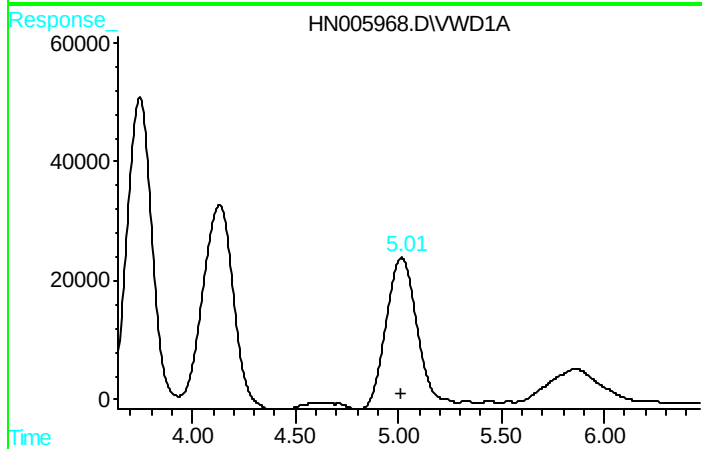
R.T.: 2.828 min
Delta R.T.: 0.002 min
Response: 2706967
Conc: 228.53 ug/L



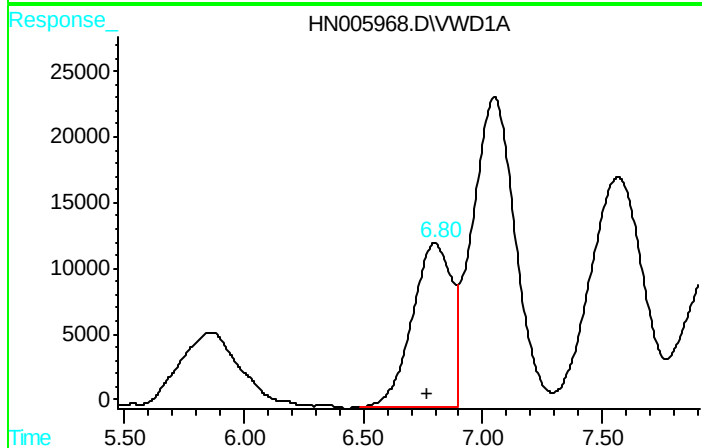
#5 1,3-Dinitrobenzene
 R.T.: 3.747 min
 Delta R.T.: 0.004 min
 Response: 4371598
 Conc: 242.04 ng/ml



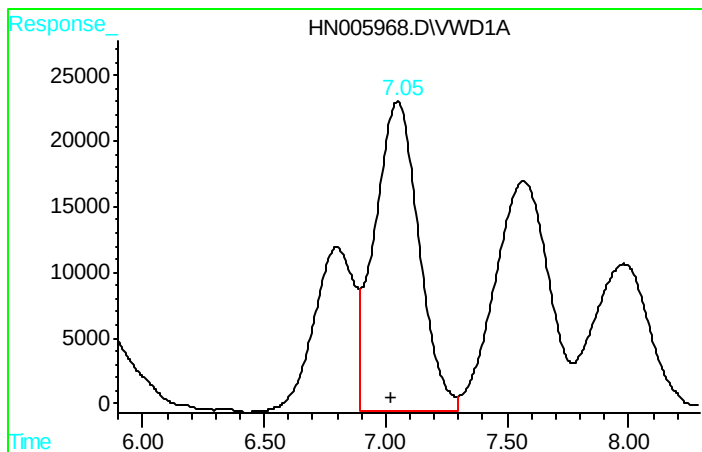
#6 3,5-Dinitroaniline
 R.T.: 4.134 min
 Delta R.T.: 0.004 min
 Response: 3540117
 Conc: 259.92 ug/L



#7 Nitrobenzene
 R.T.: 5.017 min
 Delta R.T.: 0.005 min
 Response: 2616662
 Conc: 240.77 ug/L

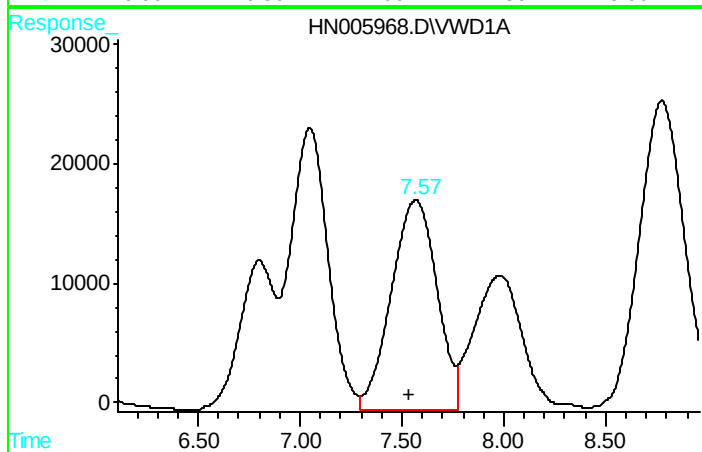


#8 Tetryl
 R.T.: 6.799 min
 Delta R.T.: 0.037 min
 Response: 1435651
 Conc: 175.97 ug/L



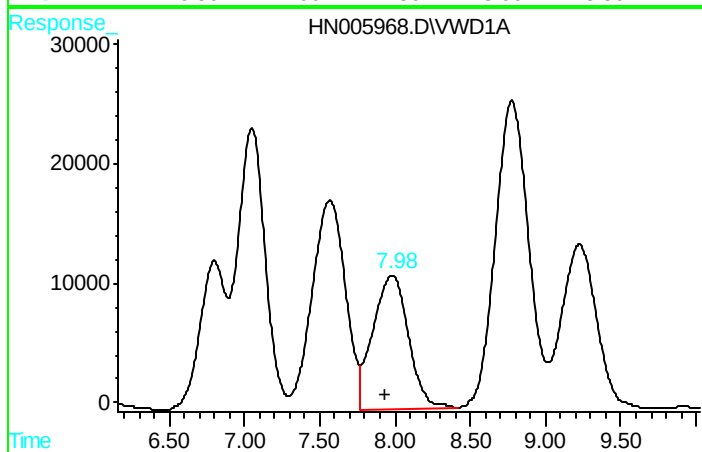
#9 2,4,6-Trinitrotoluene

R.T.: 7.050 min
Delta R.T.: 0.032 min
Response: 2995899
Conc: 246.47 ug/L



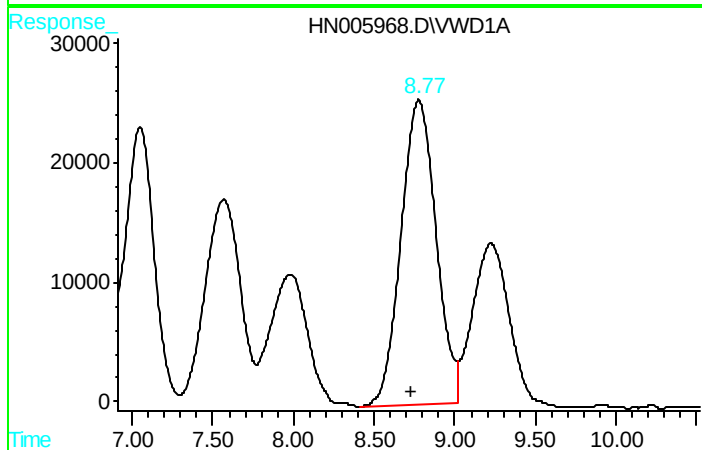
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.568 min
Delta R.T.: 0.036 min
Response: 2696745
Conc: 218.53 ug/L



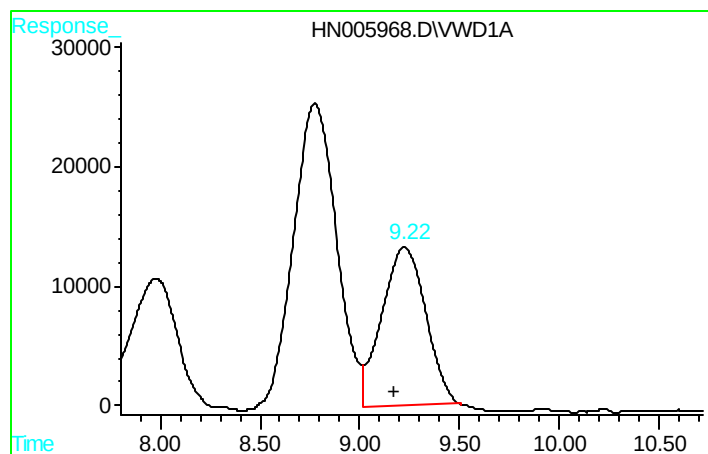
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.981 min
Delta R.T.: 0.044 min
Response: 1835801
Conc: 263.28 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.777 min
Delta R.T.: 0.045 min
Response: 3865474
Conc: 226.77 ug/L



#13 2,6-Dinitrotoluene

R.T.: 9.224 min
Delta R.T.: 0.050 min
Response: 2040714
Conc: 233.74 ug/L