

Data File : S:\HPCHEM1\HPLC_N\DATA\HN042814\HN005962.D Vial: 14
Acq On : 28-Apr-2014, 23:42 Operator: HNP
Sample : F1945-05RE Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 11:19 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	665862	160.128 ug/L
Target Compounds			
2) T HMX	0.92	320083	62.714 ug/L
3) T RDX	1.85	73673	12.516 ug/L
4) T 1,3,5-Trinitrobenzene	2.88	4534	0.383 ug/L
7) T Nitrobenzene	5.03	86064	7.919 ug/L
9) T 2,4,6-Trinitrotoluene	7.00	13488	1.110 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.57	10845	0.879 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.99	10075	1.445 ug/L
12) T 2,4-Dinitrotoluene	8.75	12289	0.721 ug/L
13) T 2,6-Dinitrotoluene	9.18	5058	0.579 ug/L
14) T 2-Nitrotoluene	12.54	43497	6.577 ug/L
15) T 4-Nitrotoluene	13.29	13449	2.554 ug/L
16) T 3-Nitrotoluene	14.70	132653	6.179 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.

HN005962.D HN042814.M

Tue Apr 29 11:19:46 2014

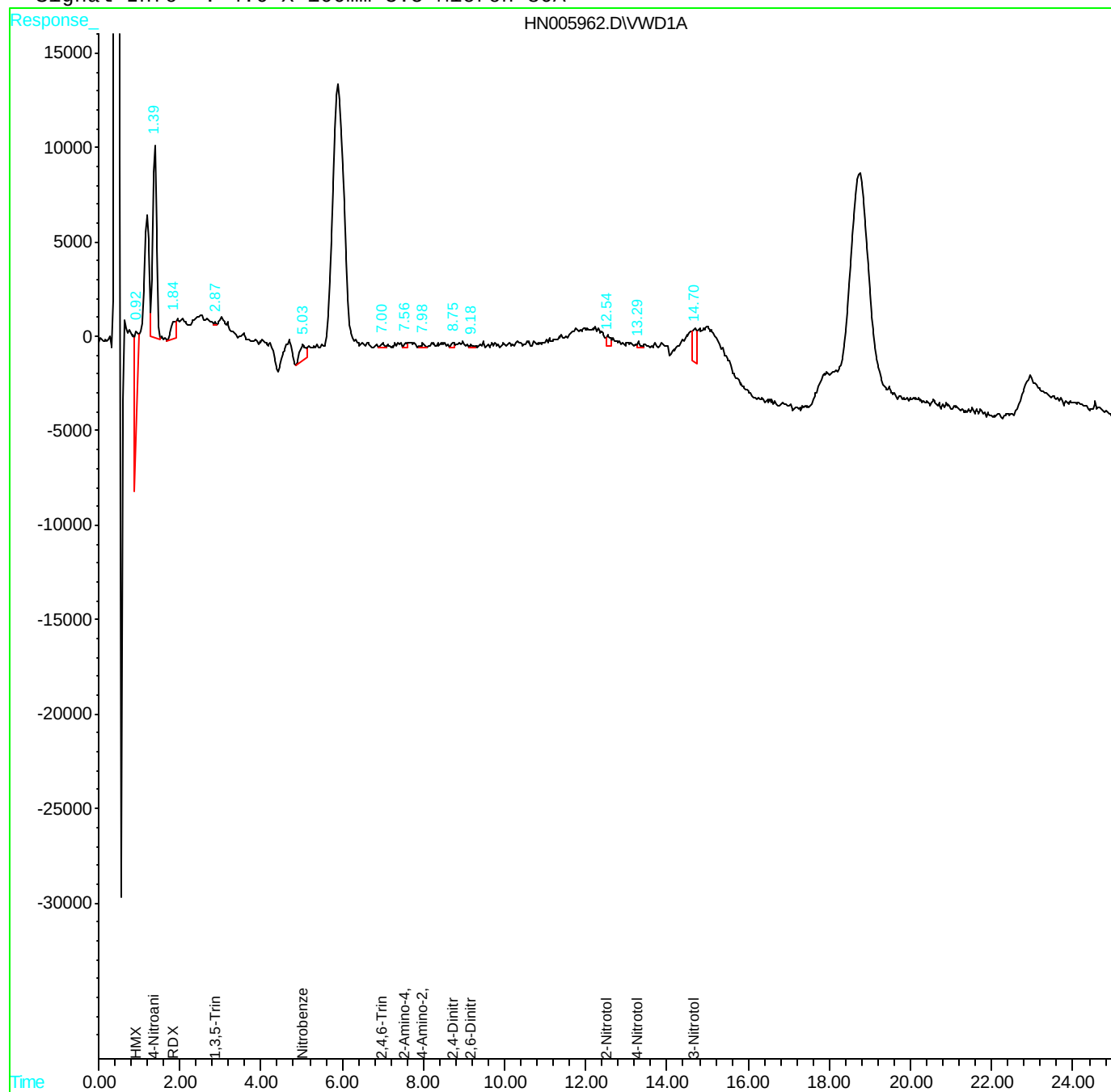
RPT1

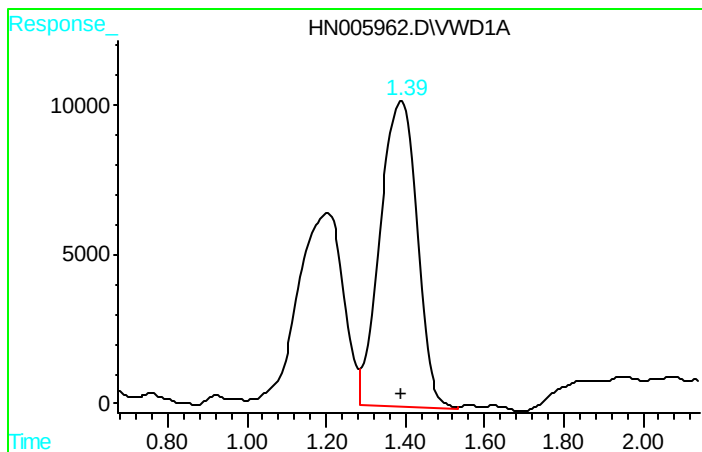
Quantitation Report

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Acq On : 28-Apr-2014, 23:42 Operator: HNP
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Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 29 11:19 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

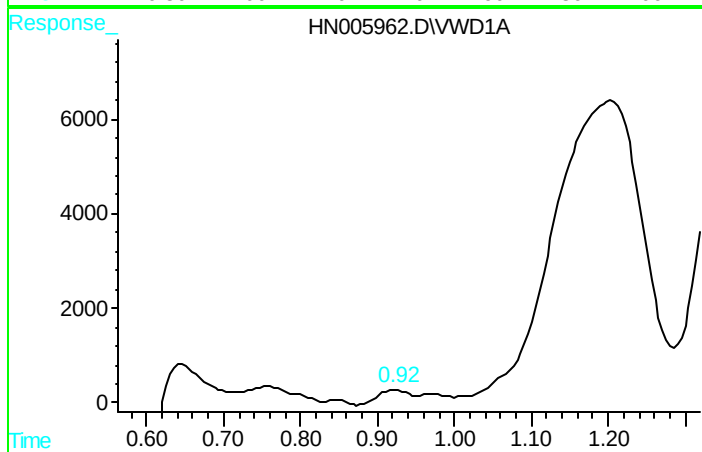
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





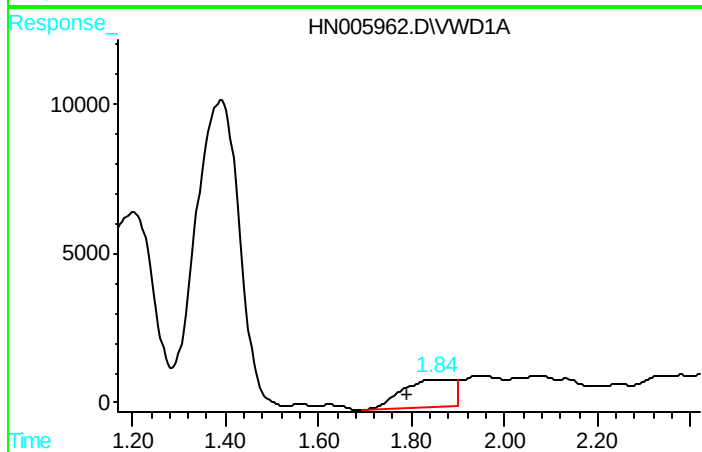
#1 4-Nitroaniline

R.T.: 1.391 min
Delta R.T.: 0.000 min
Response: 665862
Conc: 160.13 ug/L



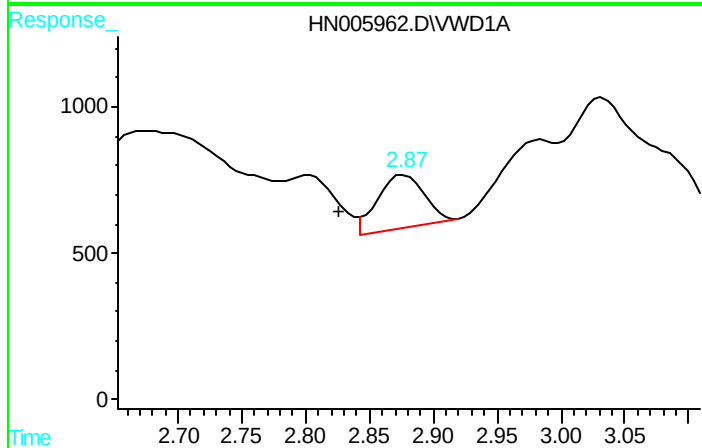
#2 HMX

R.T.: 0.923 min
Delta R.T.: 0.004 min
Response: 320083
Conc: 62.71 ug/L



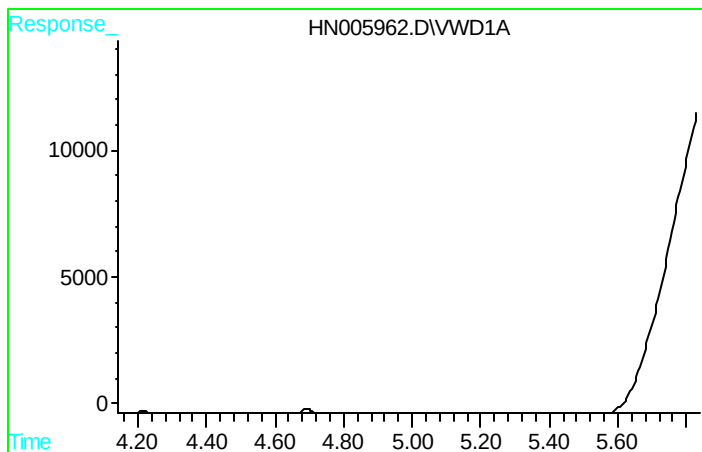
#3 RDX

R.T.: 1.848 min
Delta R.T.: 0.056 min
Response: 73673
Conc: 12.52 ug/L



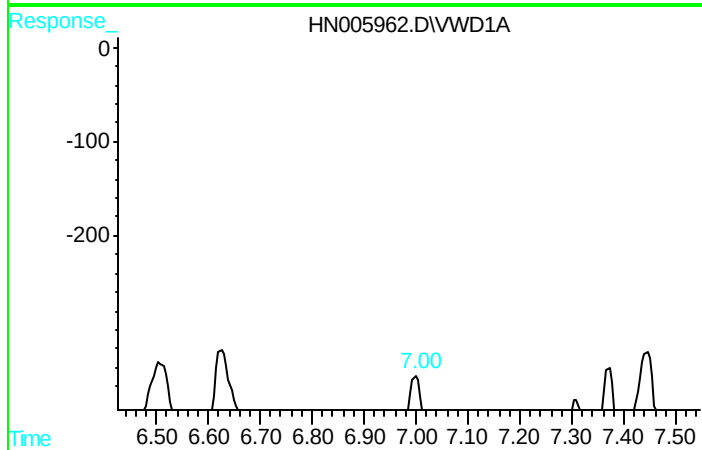
#4 1,3,5-Trinitrobenzene

R.T.: 2.877 min
Delta R.T.: 0.051 min
Response: 4534
Conc: 0.38 ug/L



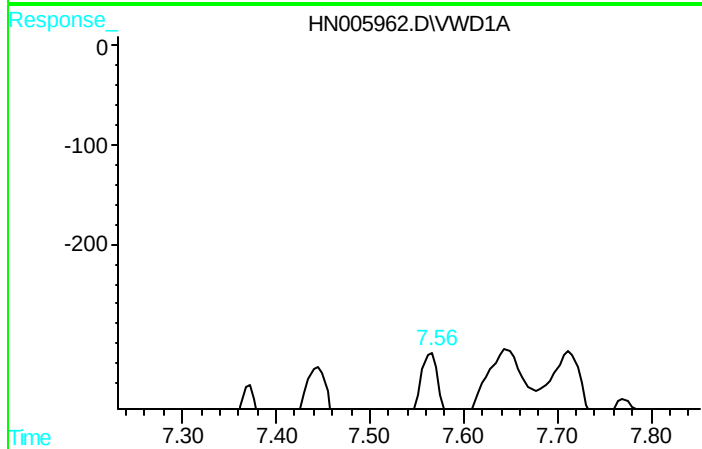
#7 Nitrobenzene

R.T.: 5.032 min
 Delta R.T.: 0.021 min
 Response: 86064
 Conc: 7.92 ug/L



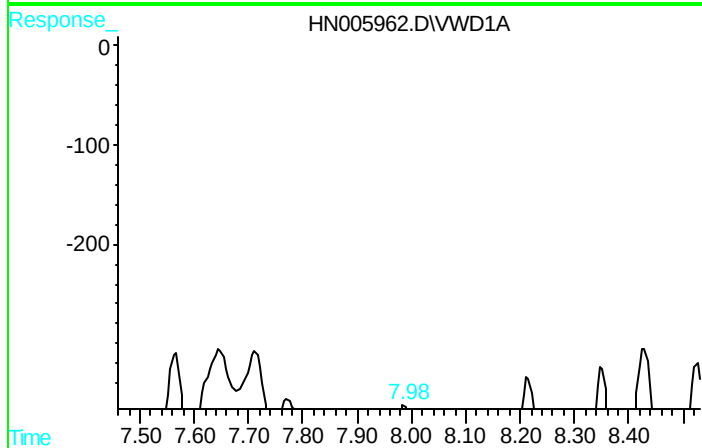
#9 2,4,6-Trinitrotoluene

R.T.: 7.000 min
 Delta R.T.: -0.017 min
 Response: 13488
 Conc: 1.11 ug/L



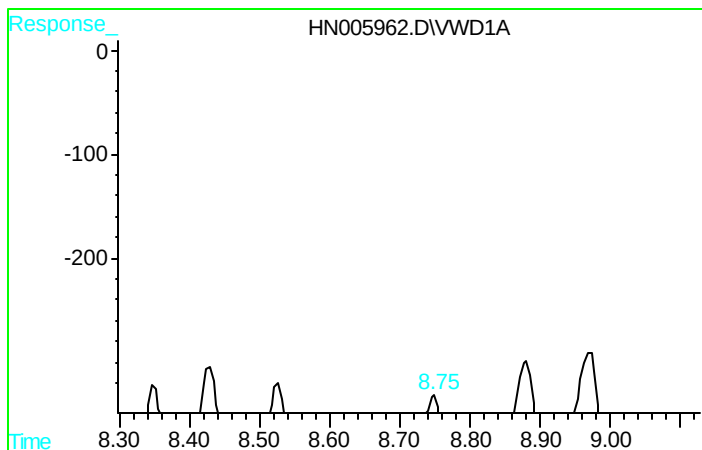
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.566 min
 Delta R.T.: 0.033 min
 Response: 10845
 Conc: 0.88 ug/L



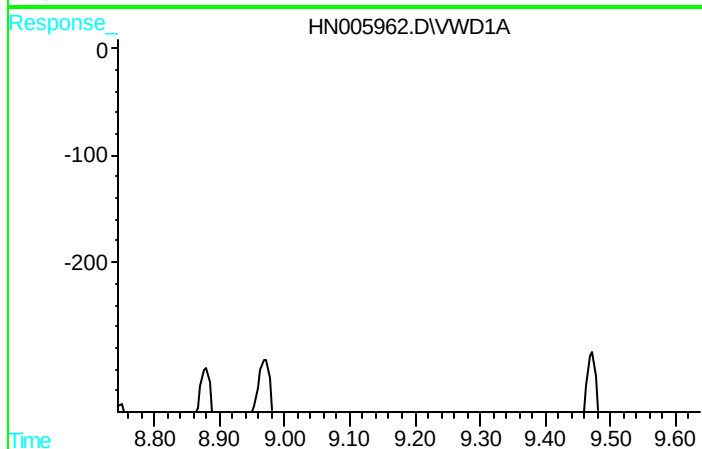
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.988 min
 Delta R.T.: 0.051 min
 Response: 10075
 Conc: 1.44 ug/L



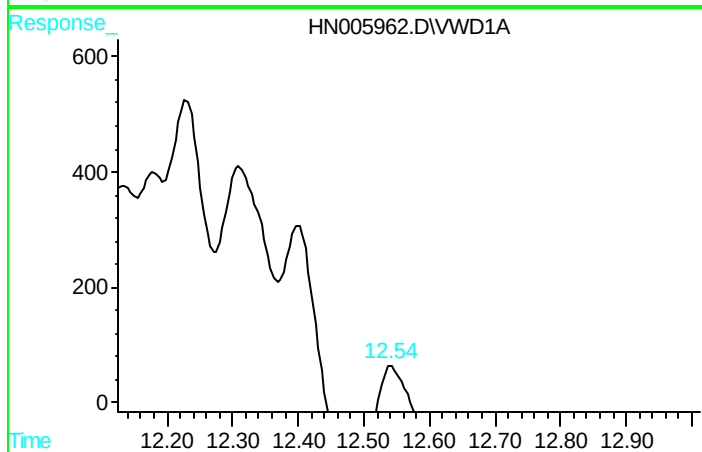
#12 2,4-Dinitrotoluene

R.T.: 8.747 min
Delta R.T.: 0.016 min
Response: 12289
Conc: 0.72 ug/L



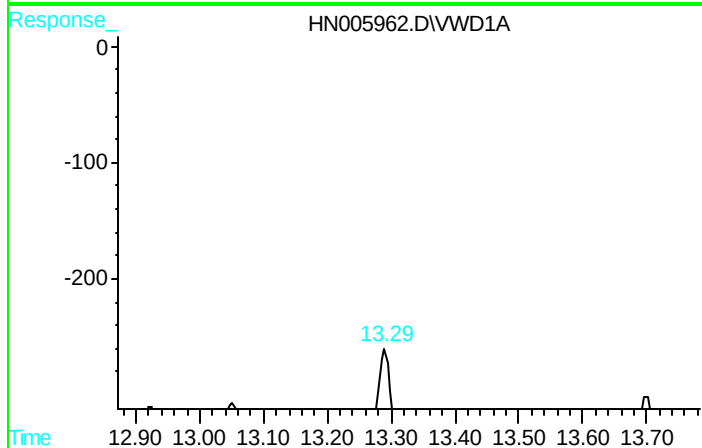
#13 2,6-Dinitrotoluene

R.T.: 9.182 min
Delta R.T.: 0.007 min
Response: 5058
Conc: 0.58 ug/L



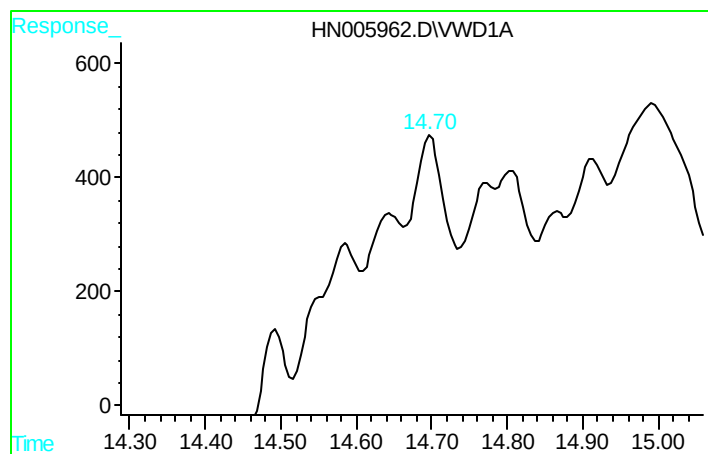
#14 2-Nitrotoluene

R.T.: 12.544 min
Delta R.T.: -0.006 min
Response: 43497
Conc: 6.58 ug/L



#15 4-Nitrotoluene

R.T.: 13.291 min
Delta R.T.: -0.061 min
Response: 13449
Conc: 2.55 ug/L



#16 3-Nitrotoluene

R.T.: 14.698 min
Delta R.T.: -0.012 min
Response: 132653
Conc: 6.18 ug/L