

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN032416\
 Data File : HN007684.D
 Signal(s) : vwd1A.ch
 Acq On : 24-Mar-2016, 12:30
 Operator : UM/MA
 Sample : HSTDCCC0500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:58:21 PM

Integration File: autoint1.e
 Quant Time: Mar 24 16:33:56 2016
 Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN032416.M
 Quant Title :
 QLast Update : Thu Mar 24 16:31:55 2016
 Response via : Initial Calibration
 Integrator: ChemStation

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	1.332	2000156	496.251 ug/L
Target Compounds			
2) T HMX	0.899	2174795	518.551 ug/L
3) T RDX	1.720	2685121	519.884 ug/L
4) T 1,3,5-Trinitrobenzene	2.656	5653670	526.379 ug/L
5) T 1,3-Dinitrobenzene	3.536	8396684	524.856 ng/ml
6) T 3,5-Dinitroaniline	3.938	6371382	510.654 ug/L
7) T Nitrobenzene	4.720	4563462	488.564 ug/L
8) T Tetryl	6.287	2468159	482.718 ug/L
9) T 2,4,6-Trinitrotoluene	6.493	6358157	543.272 ug/L
10) T 2-Amino-4,6-dinitroto...	7.107	5535053	520.982 ug/L
11) T 4-Amino-2,6-dinitroto...	7.462	3586296	529.747 ug/L
12) T 2,4-Dinitrotoluene	8.136	7654691	527.292 ug/L
13) T 2,6-Dinitrotoluene	8.538	4422382	534.079 ug/L
14) T 2-Nitrotoluene	11.688	3450176	537.428 ug/L
15) T 4-Nitrotoluene	12.424	2817879	553.870 ug/L
16) T 3-Nitrotoluene	13.698	3552767	540.324 ug/L
17) T PETN	18.782	5757682	562.661 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN032416\
Data File : HN007684.D
Signal(s) : vwd1A.ch
Acq On : 24-Mar-2016, 12:30
Operator : UM/MA
Sample : HSTDCCC0500
Misc :
ALS Vial : 4 Sample Multiplier: 1

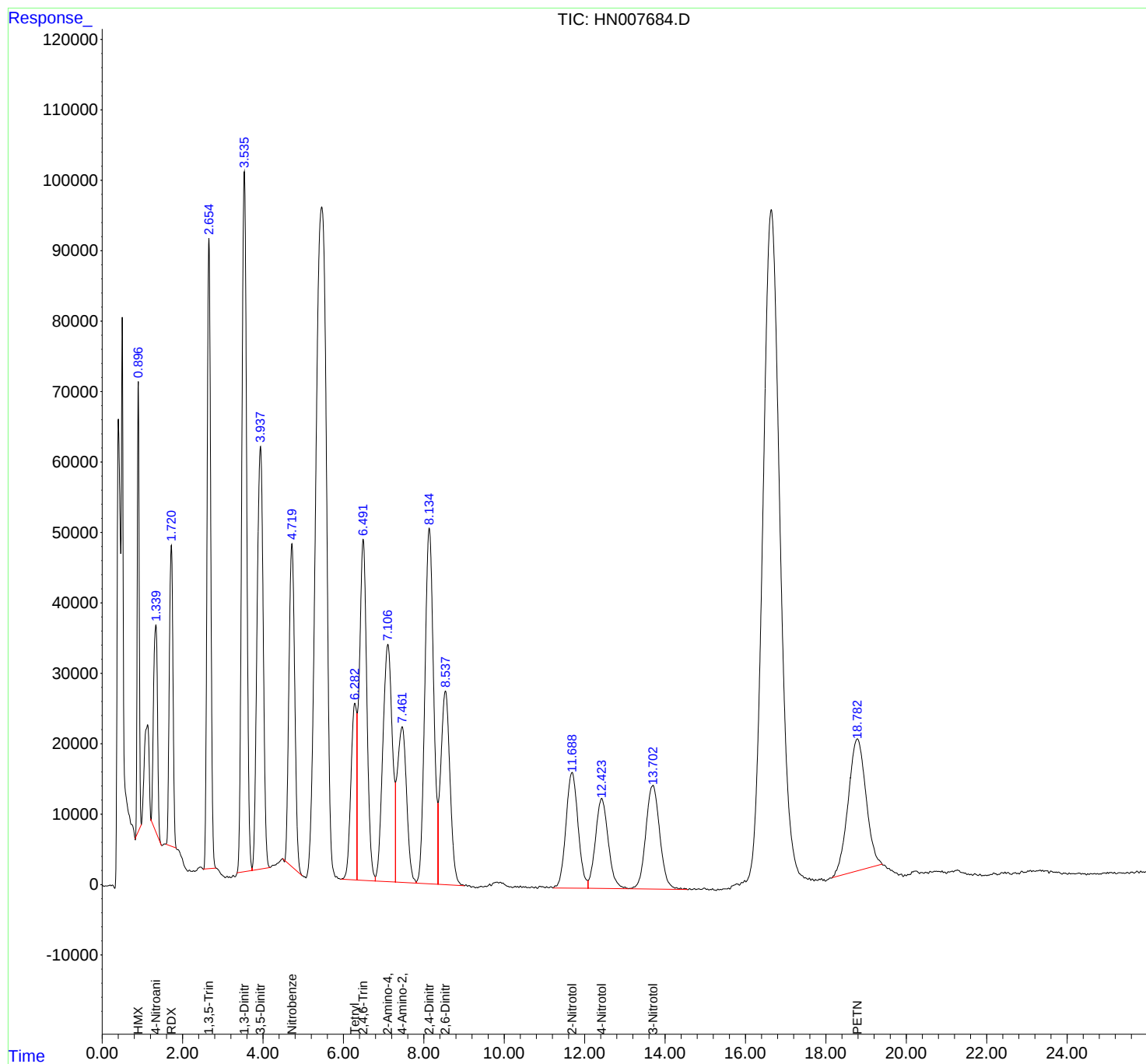
Instrument :
HPLC_N
ClientSampled :
HSTDCCC0500

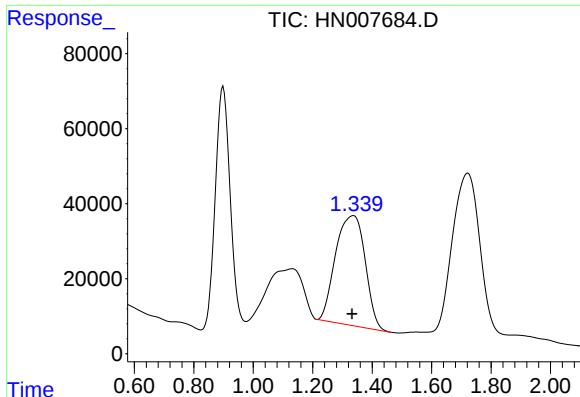
Manual Integrations
APPROVED

Sohil
3/25/2016 2:58:21 PM

Integration File: autoint1.e
Quant Time: Mar 24 16:33:56 2016
Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN032416.M
Quant Title :
QLast Update : Thu Mar 24 16:31:55 2016
Response via : Initial Calibration
Integrator: ChemStation

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





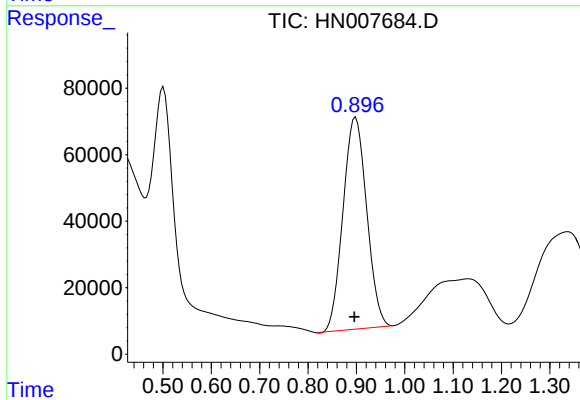
#1 4-Nitroaniline

R.T.: 1.332 min
Delta R.T.: 0.000 min
Response: 2000156
Conc: 496.25 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDCCC0500

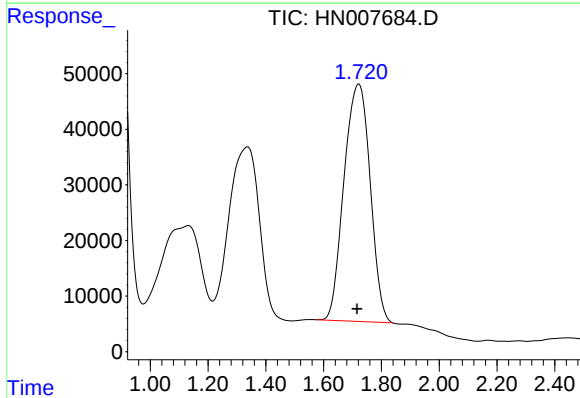
Manual Integrations
APPROVED

Sohil
3/25/2016 2:58:21 PM



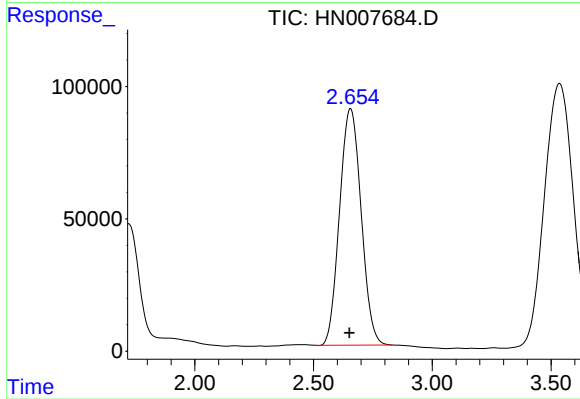
#2 HMX

R.T.: 0.899 min
Delta R.T.: 0.002 min
Response: 2174795
Conc: 518.55 ug/L



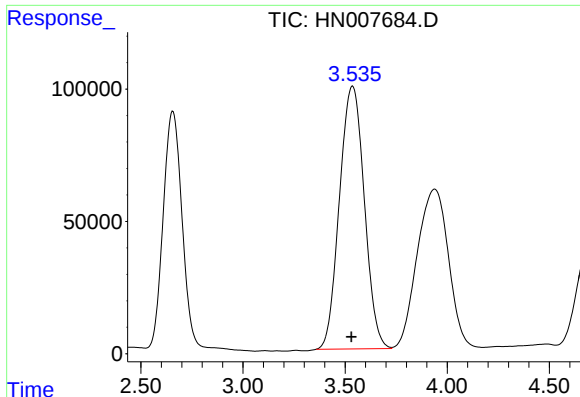
#3 RDX

R.T.: 1.720 min
Delta R.T.: 0.005 min
Response: 2685121
Conc: 519.88 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.656 min
Delta R.T.: 0.005 min
Response: 5653670
Conc: 526.38 ug/L



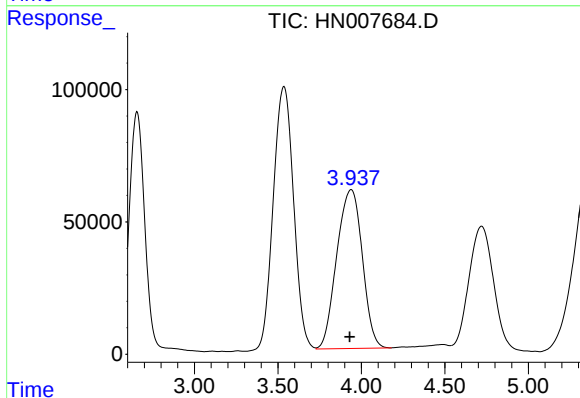
#5 1,3-Dinitrobenzene

R.T.: 3.536 min
Delta R.T.: 0.005 min
Response: 8396684
Conc: 524.86 ng/ml

Instrument :
HPLC_N
ClientSampleId :
HSTDCCC0500

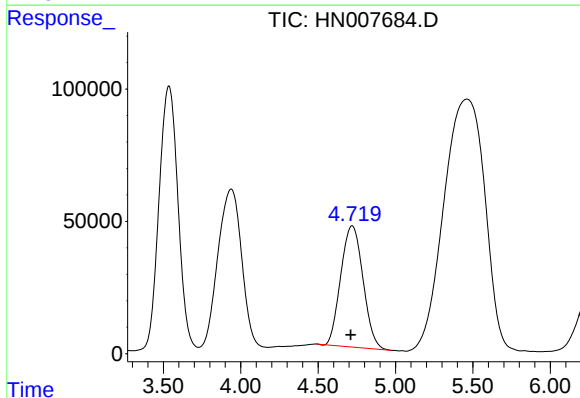
Manual Integrations
APPROVED

Sohil
3/25/2016 2:58:21 PM



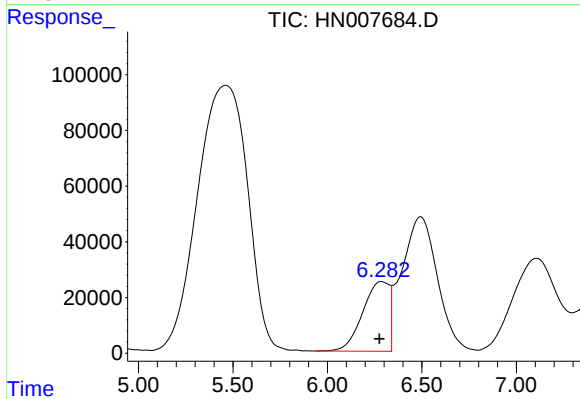
#6 3,5-Dinitroaniline

R.T.: 3.938 min
Delta R.T.: 0.006 min
Response: 6371382
Conc: 510.65 ug/L



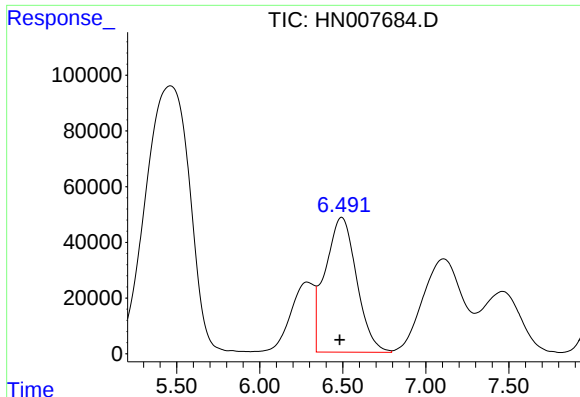
#7 Nitrobenzene

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 4563462
Conc: 488.56 ug/L



#8 Tetryl

R.T.: 6.287 min
Delta R.T.: 0.011 min
Response: 2468159
Conc: 482.72 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 6.493 min
Delta R.T.: 0.011 min
Response: 6358157
Conc: 543.27 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

Sohil
3/25/2016 2:58:21 PM

#10 2-Amino-4,6-dinitrotoluene

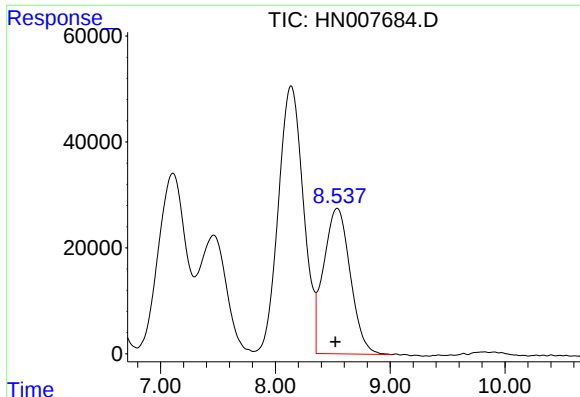
R.T.: 7.107 min
Delta R.T.: 0.018 min
Response: 5535053
Conc: 520.98 ug/L

#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.462 min
Delta R.T.: 0.005 min
Response: 3586296
Conc: 529.75 ug/L

#12 2,4-Dinitrotoluene

R.T.: 8.136 min
Delta R.T.: 0.015 min
Response: 7654691
Conc: 527.29 ug/L



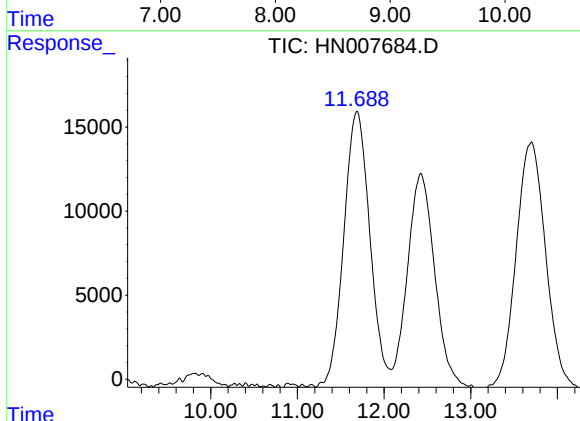
#13 2,6-Dinitrotoluene

R.T.: 8.538 min
 Delta R.T.: 0.014 min
 Response: 4422382
 Conc: 534.08 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDCCC0500

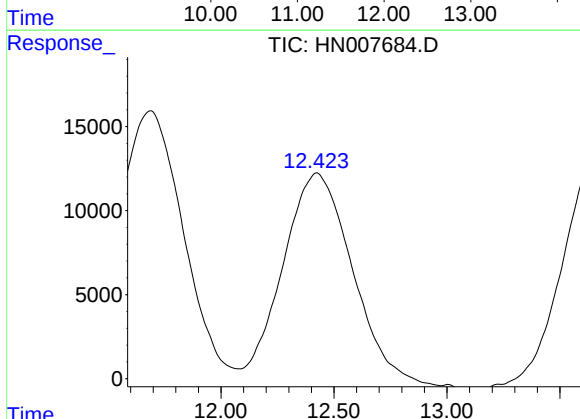
Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:58:21 PM



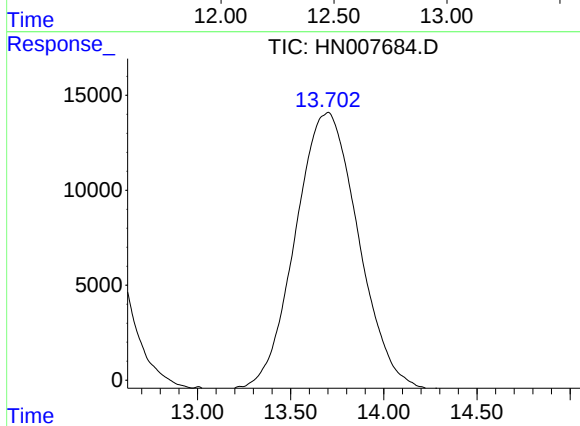
#14 2-Nitrotoluene

R.T.: 11.688 min
 Delta R.T.: 0.005 min
 Response: 3450176
 Conc: 537.43 ug/L



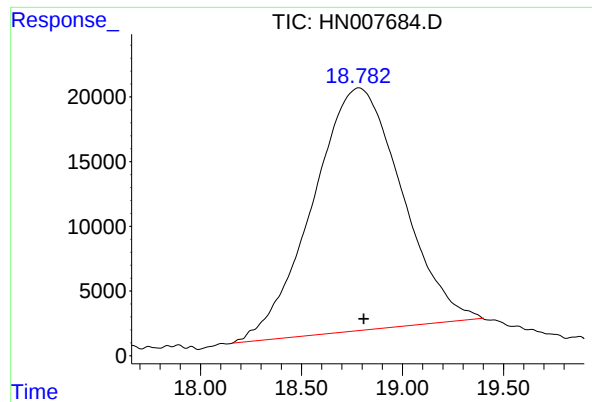
#15 4-Nitrotoluene

R.T.: 12.424 min
 Delta R.T.: 0.004 min
 Response: 2817879
 Conc: 553.87 ug/L



#16 3-Nitrotoluene

R.T.: 13.698 min
 Delta R.T.: -0.001 min
 Response: 3552767
 Conc: 540.32 ug/L



#17 PETN

R.T.: 18.782 min
Delta R.T.: -0.026 min
Response: 5757682
Conc: 562.66 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

Sohil
3/25/2016 2:58:21 PM