

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
 Data File : HN006009.D
 Signal(s) : VWD1A.CH
 Acq On : 30-Apr-2014, 02:06
 Operator : HNP
 Sample : F1996-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 FB-POD-0-5-01DUPMSD

Manual Integrations
 APPROVED

himanshu
 4/30/2014 2:18:49 PM

Integration File: autoint1.e
 Quant Time: Apr 30 12:54:02 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
 Quant Title :
 QLast Update : Wed Apr 30 06:50:10 2014
 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	1.346	602097	127.391 ug/L
Target Compounds			
2) T HMX	0.897	491820	100.269 ug/L m
3) T RDX	1.733	647170	110.734 ug/L
4) T 1,3,5-Trinitrobenzene	2.727	1220226	102.464 ug/L
5) T 1,3-Dinitrobenzene	3.610	1975223	109.353 ng/ml
6) T 3,5-Dinitroaniline	3.980	1563137	117.560 ug/L
7) T Nitrobenzene	4.825	1161037	107.294 ug/L
8) T Tetryl	6.452	776744	106.418 ug/L
9) T 2,4,6-Trinitrotoluene	6.717	1318101	110.285 ug/L
10) T 2-Amino-4,6-dinitroto...	7.220	1222431	97.047 ug/L
11) T 4-Amino-2,6-dinitroto...	7.589	832917	115.966 ug/L
12) T 2,4-Dinitrotoluene	8.363	1786683	101.351 ug/L
13) T 2,6-Dinitrotoluene	8.778	995630	111.838 ug/L
14) T 2-Nitrotoluene	12.025	788583	112.055 ug/L m
15) T 4-Nitrotoluene	12.790	683725	121.832 ug/L m
16) T 3-Nitrotoluene	14.099	1669022	117.222 ug/L m
17) T PETN	19.410	980059	104.588 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
Data File : HN006009.D
Signal(s) : VWD1A.CH
Acq On : 30-Apr-2014, 02:06
Operator : HNP
Sample : F1996-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

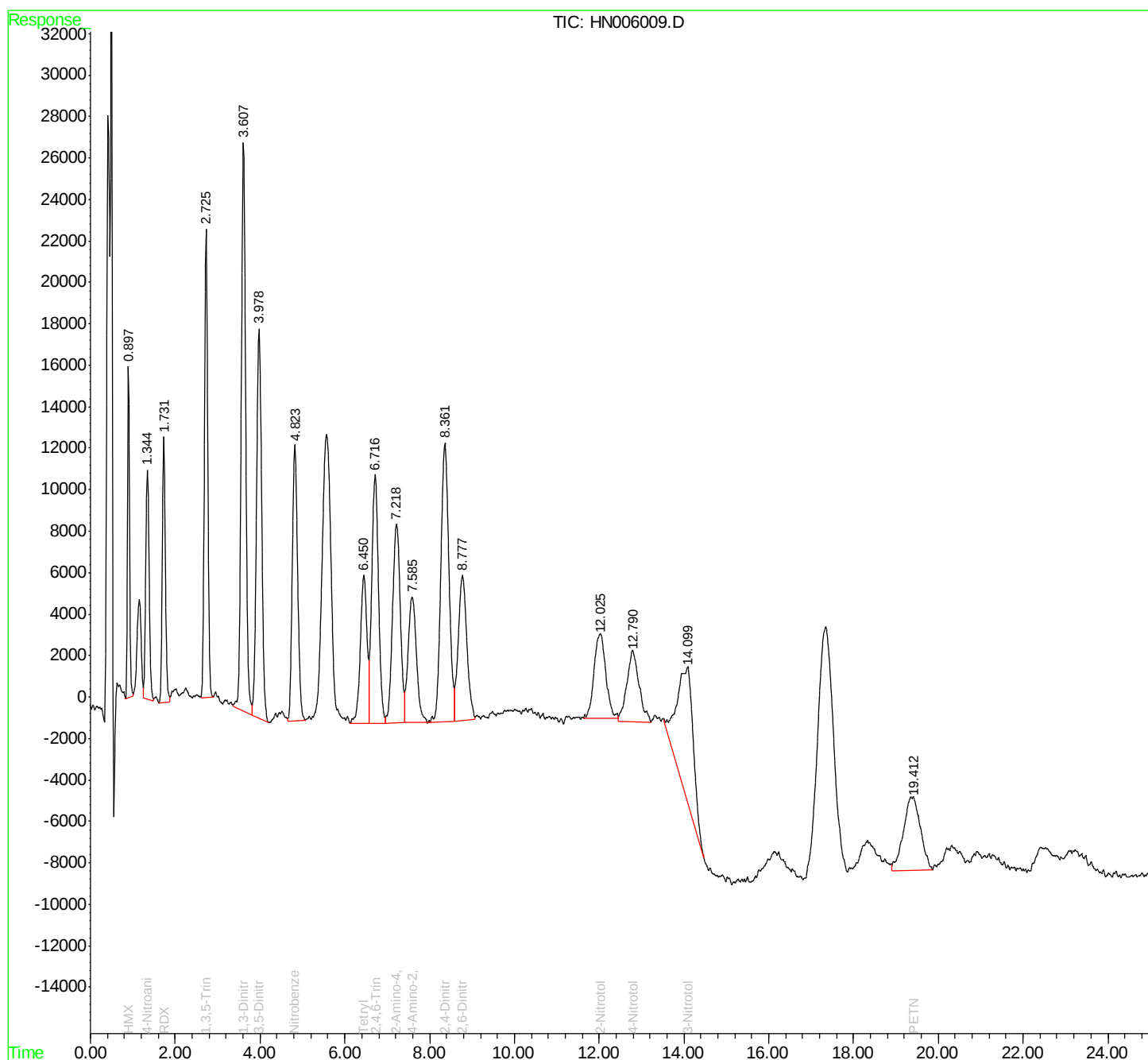
Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

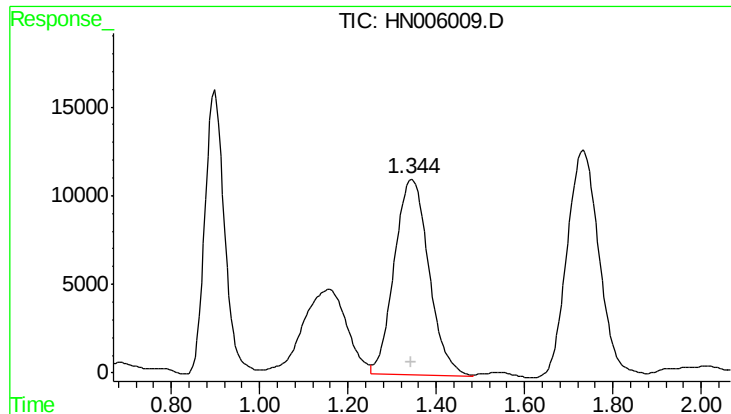
Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM

Integration File: autoint1.e
Quant Time: Apr 30 12:54:02 2014
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
Quant Title :
QLast Update : Wed Apr 30 06:50:10 2014
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





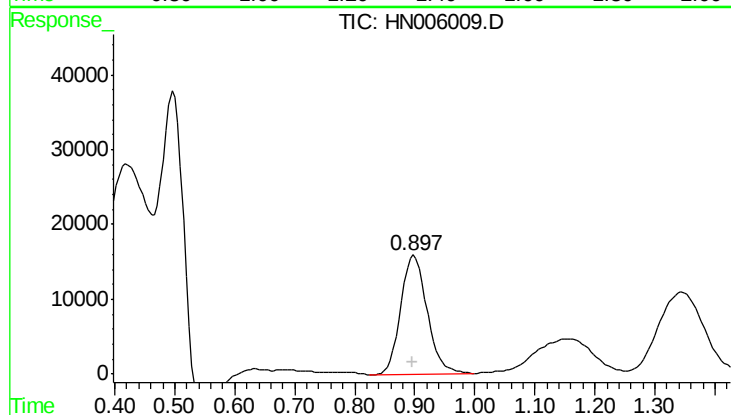
#1 4-Nitroaniline

R.T.: 1.346 min
Delta R.T.: 0.002 min
Response: 602097
Conc: 127.39 ug/L

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

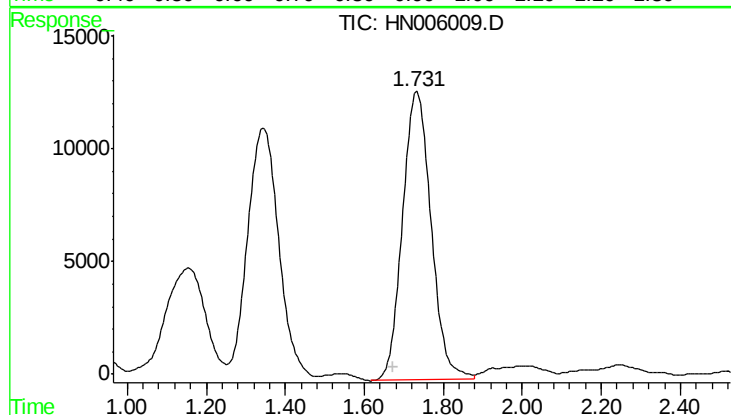
Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM



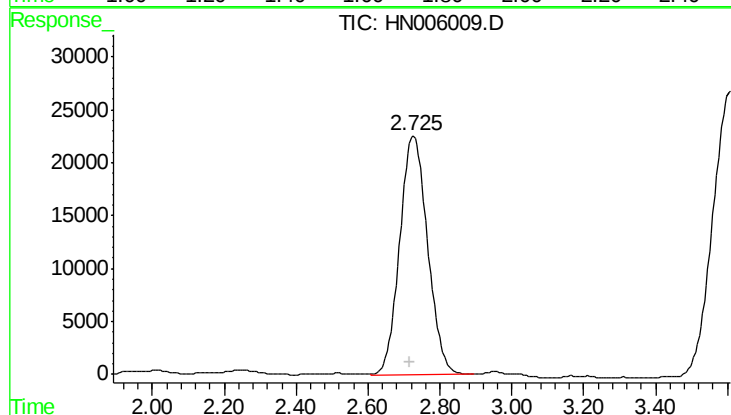
#2 HMX

R.T.: 0.897 min
Delta R.T.: 0.002 min
Response: 491820
Conc: 100.27 ug/L m



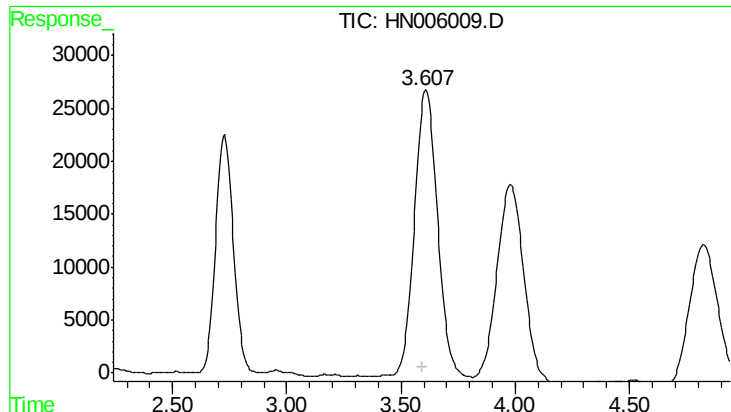
#3 RDX

R.T.: 1.733 min
Delta R.T.: 0.060 min
Response: 647170
Conc: 110.73 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.727 min
Delta R.T.: 0.012 min
Response: 1220226
Conc: 102.46 ug/L



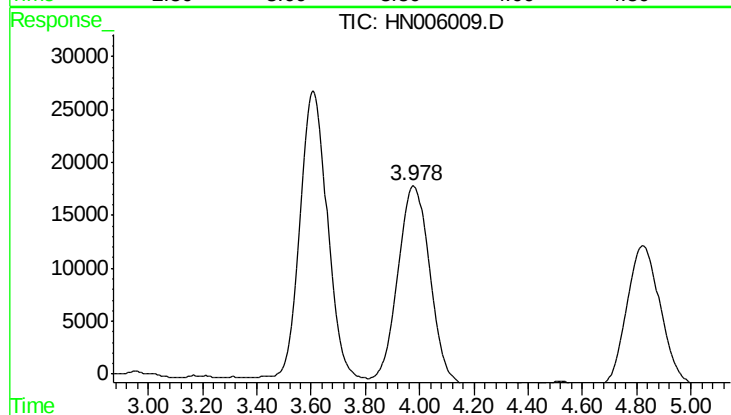
#5 1,3-Dinitrobenzene

R.T.: 3.610 min
Delta R.T.: 0.014 min
Response: 1975223
Conc: 109.35 ng/ml

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

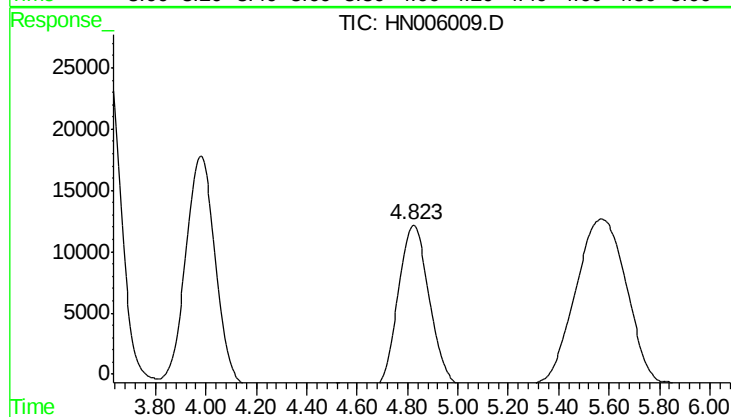
Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM



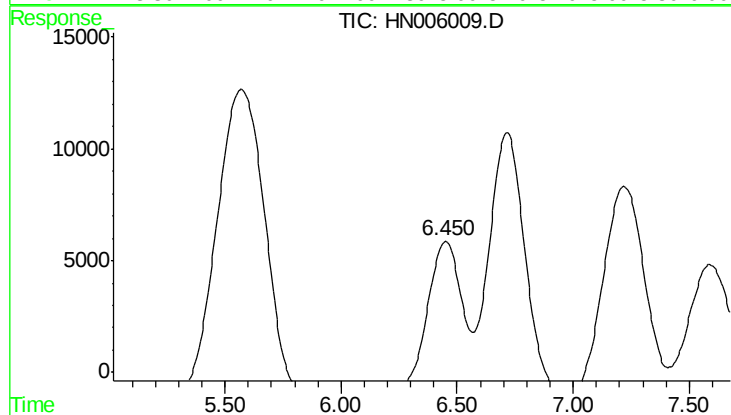
#6 3,5-Dinitroaniline

R.T.: 3.980 min
Delta R.T.: 0.013 min
Response: 1563137
Conc: 117.56 ug/L



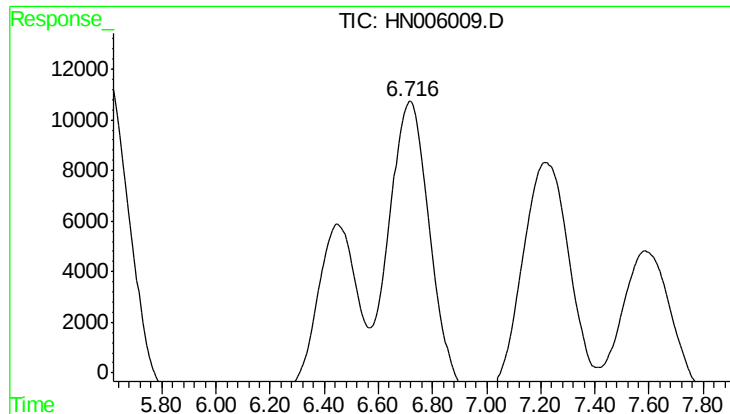
#7 Nitrobenzene

R.T.: 4.825 min
Delta R.T.: 0.021 min
Response: 1161037
Conc: 107.29 ug/L



#8 Tetryl

R.T.: 6.452 min
Delta R.T.: 0.038 min
Response: 776744
Conc: 106.42 ug/L



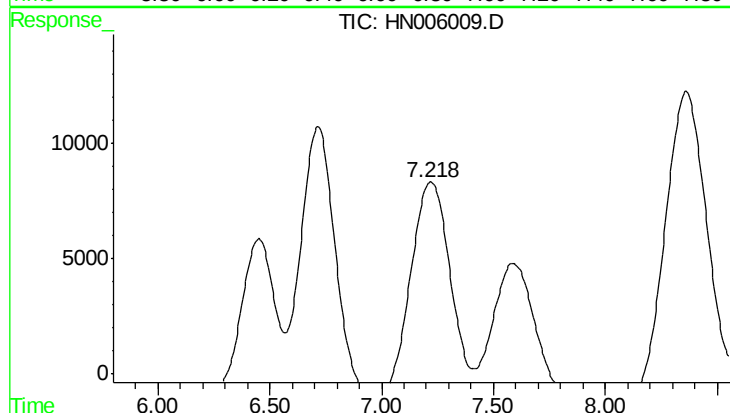
#9 2,4,6-Trinitrotoluene

R.T.: 6.717 min
Delta R.T.: 0.037 min
Response: 1318101
Conc: 110.28 ug/L

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

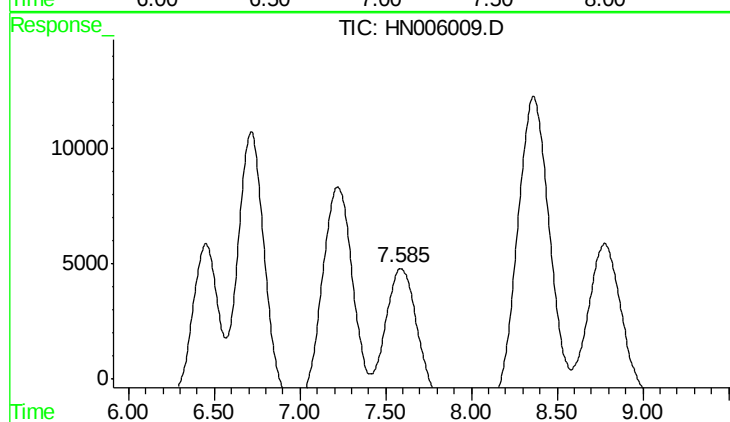
Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM



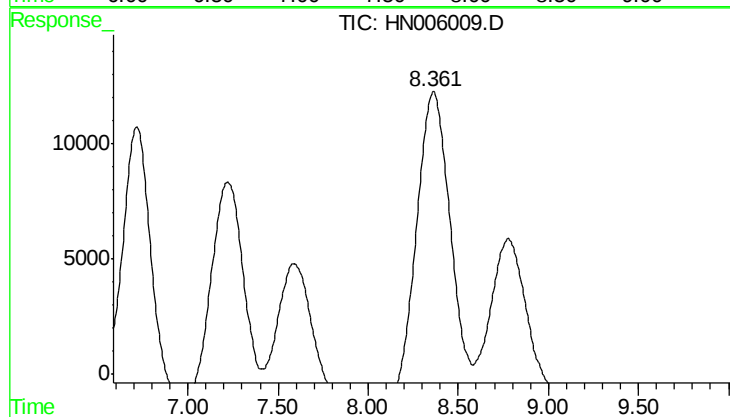
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.220 min
Delta R.T.: 0.039 min
Response: 1222431
Conc: 97.05 ug/L



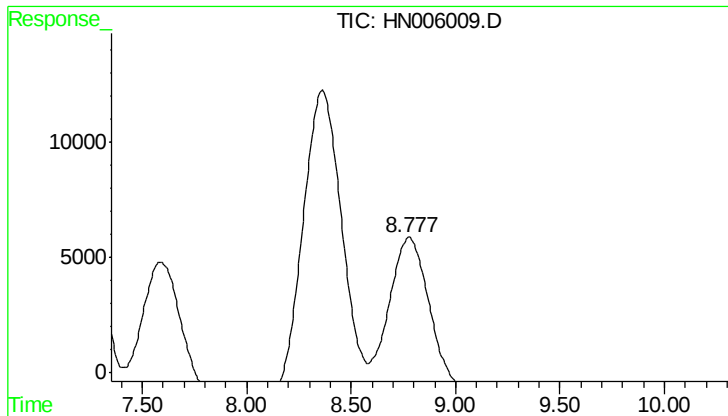
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.589 min
Delta R.T.: 0.038 min
Response: 832917
Conc: 115.97 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.363 min
Delta R.T.: 0.046 min
Response: 1786683
Conc: 101.35 ug/L



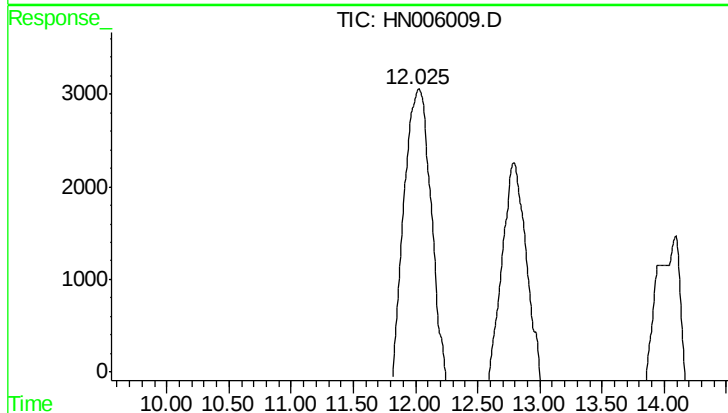
#13 2,6-Dinitrotoluene

R.T.: 8.778 min
Delta R.T.: 0.050 min
Response: 995630
Conc: 111.84 ug/L

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

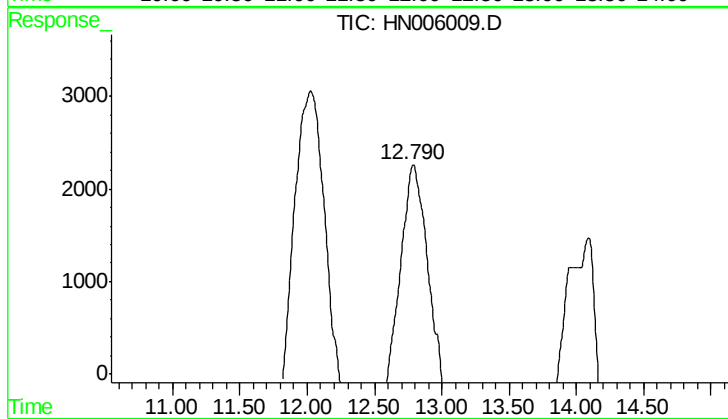
Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM



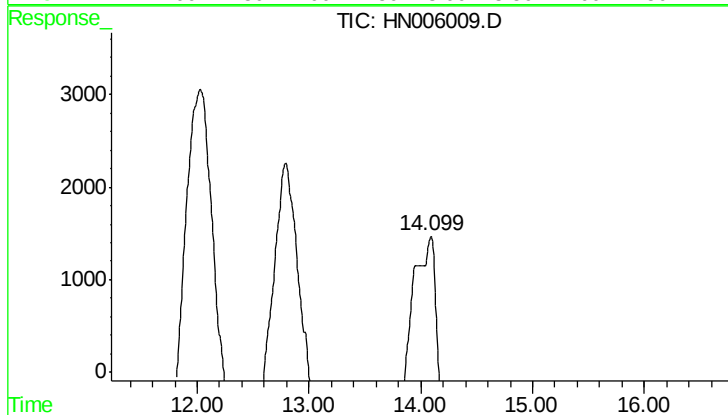
#14 2-Nitrotoluene

R.T.: 12.025 min
Delta R.T.: 0.077 min
Response: 788583
Conc: 112.06 ug/L m



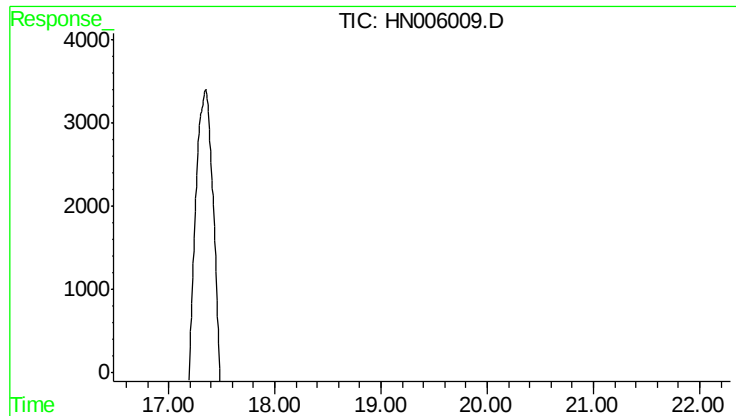
#15 4-Nitrotoluene

R.T.: 12.790 min
Delta R.T.: 0.070 min
Response: 683725
Conc: 121.83 ug/L m



#16 3-Nitrotoluene

R.T.: 14.099 min
Delta R.T.: 0.029 min
Response: 1669022
Conc: 117.22 ug/L m



#17 PETN

R.T.: 19.410 min
Delta R.T.: 0.051 min
Response: 980059
Conc: 104.59 ug/L

Instrument :
HPLC_N
ClientSampleId :
FB-POD-0-5-01DUPMSD

Manual Integrations
APPROVED

himanshu
4/30/2014 2:18:49 PM