

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN051716\
 Data File : HN007711.D
 Signal(s) : vwd1A.ch
 Acq On : 17-May-2016, 11:57
 Operator : UM/MA
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

sohil
 6/3/2016 9:22:10 AM

Integration File: autoint1.e
 Quant Time: May 17 13:58:15 2016
 Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN051716.M
 Quant Title :
 QLast Update : Tue May 17 13:58:05 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	1.392	4025427	1007.480 ug/L m
Target Compounds			
2) T HMX	0.934	4283956	1078.240 ug/L m
3) T RDX	1.792	5840457	1018.305 ug/L m
4) T 1,3,5-Trinitrobenzene	2.765	11169761	1025.952 ug/L m
5) T 1,3-Dinitrobenzene	3.684	17630828	1028.720 ng/ml
6) T 3,5-Dinitroaniline	4.099	13949654	1017.801 ug/L
7) T Nitrobenzene	4.917	10570203	1044.389 ug/L m
8) T Tetryl	6.532	7973720	1039.069 ug/L
9) T 2,4,6-Trinitrotoluene	6.767	11611347	1032.518 ug/L
10) T 2-Amino-4,6-dinitroto...	7.405	11444034	1022.405 ug/L
11) T 4-Amino-2,6-dinitroto...	7.768	7365444	1020.492 ug/L
12) T 2,4-Dinitrotoluene	8.481	15904054	1023.041 ug/L
13) T 2,6-Dinitrotoluene	8.893	8637499	1027.571 ug/L
14) T 2-Nitrotoluene	12.115	6730246	1006.616 ug/L
15) T 4-Nitrotoluene	12.862	5360966	993.228 ug/L
16) T 3-Nitrotoluene	14.146	7047073	1025.069 ug/L
17) T PETN	19.326	9388085	983.749 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN051716\
Data File : HN007711.D
Signal(s) : vwd1A.ch
Acq On : 17-May-2016, 11:57
Operator : UM/MA
Sample : HSTDICC1000
Misc :
ALS Vial : 2 Sample Multiplier: 1

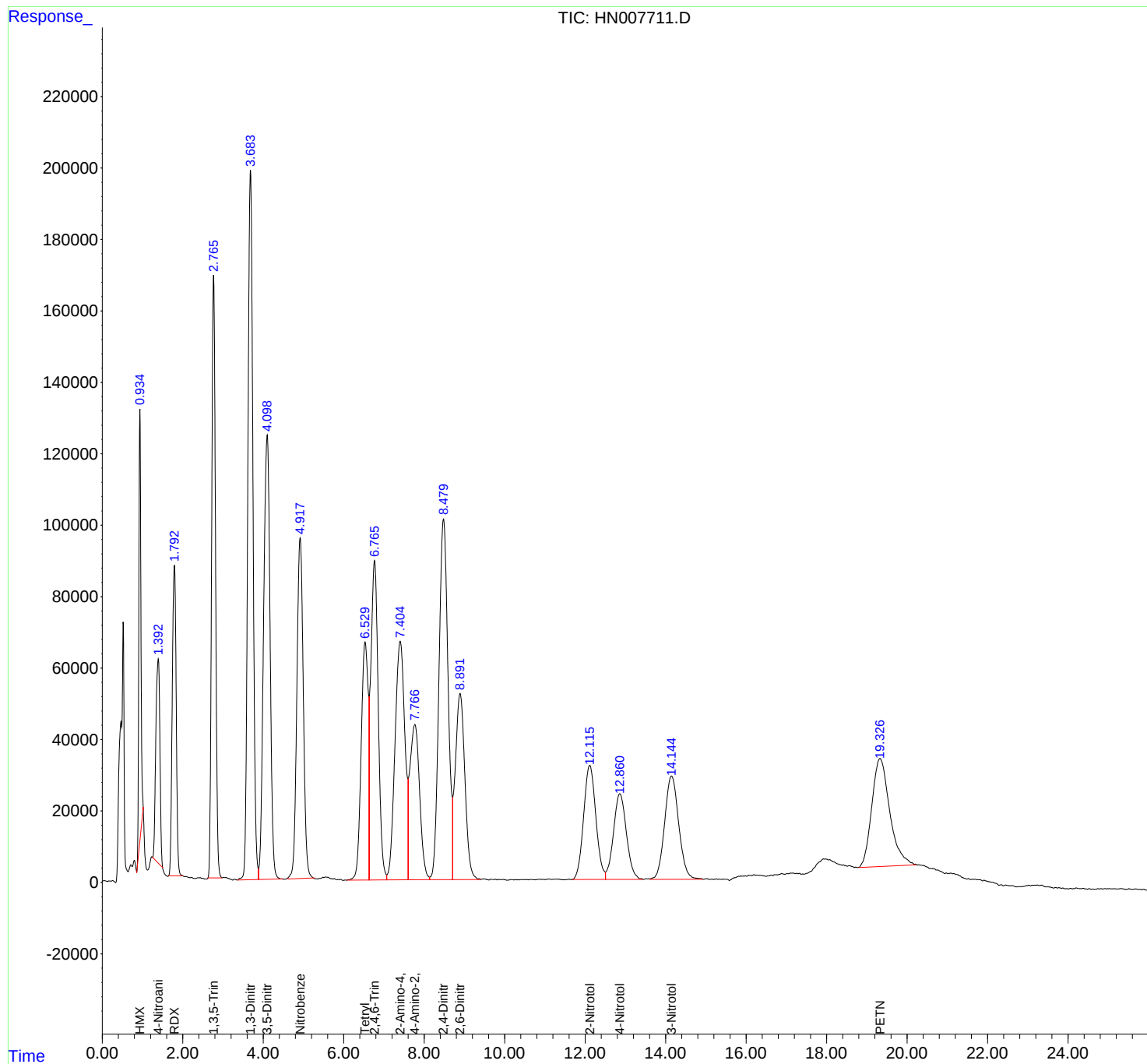
Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

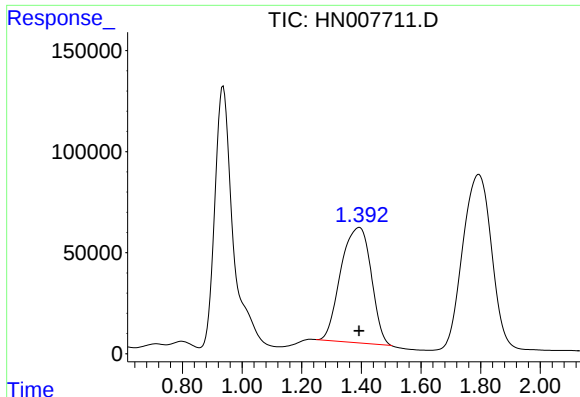
Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM

Integration File: autoint1.e
Quant Time: May 17 13:58:15 2016
Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN051716.M
Quant Title :
QLast Update : Tue May 17 13:58:05 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





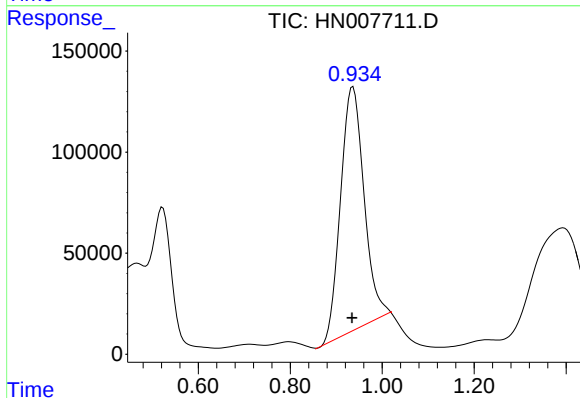
#1 4-Nitroaniline

R.T.: 1.392 min
Delta R.T.: 0.000 min
Response: 4025427
Conc: 1007.48 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

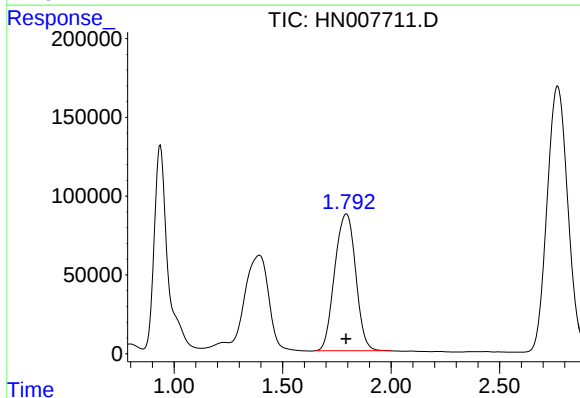
Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM



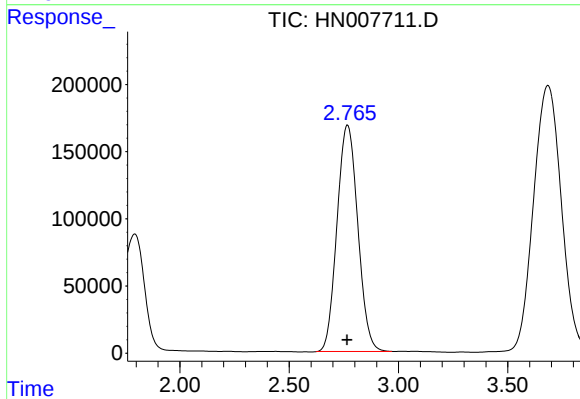
#2 HMX

R.T.: 0.934 min
Delta R.T.: 0.000 min
Response: 4283956
Conc: 1078.24 ug/L m



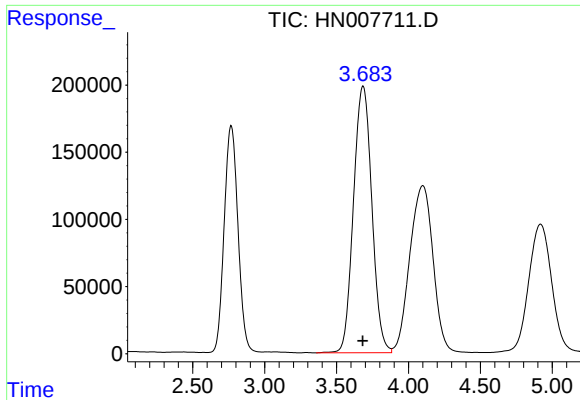
#3 RDX

R.T.: 1.792 min
Delta R.T.: 0.000 min
Response: 5840457
Conc: 1018.30 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 11169761
Conc: 1025.95 ug/L m



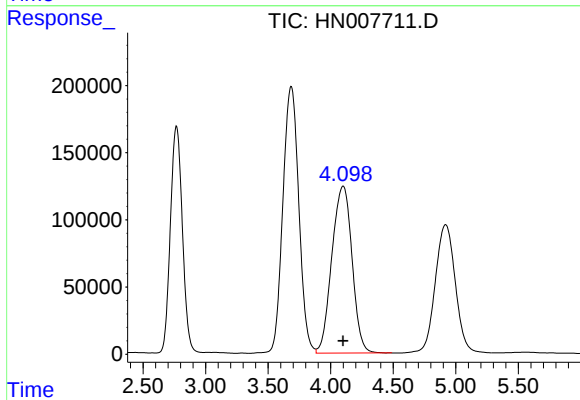
#5 1,3-Dinitrobenzene

R.T.: 3.684 min
Delta R.T.: 0.002 min
Response: 17630828
Conc: 1028.72 ng/ml

Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

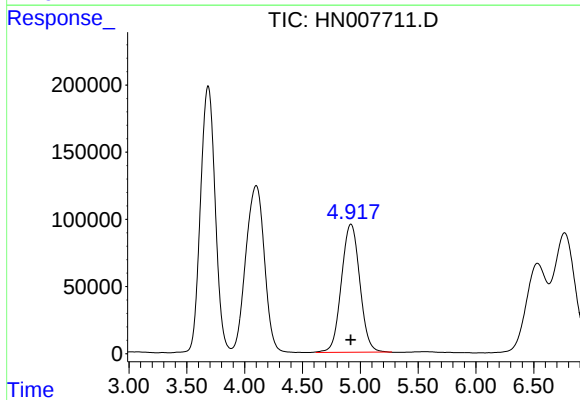
Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM



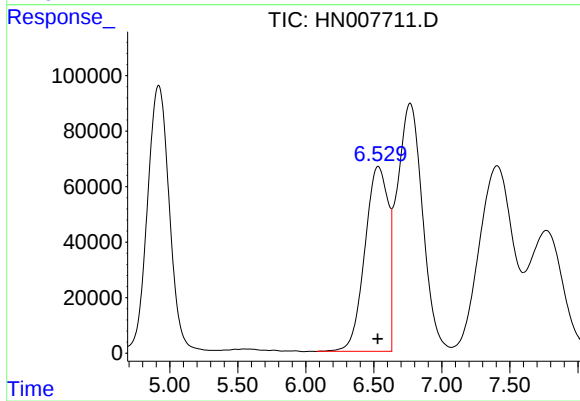
#6 3,5-Dinitroaniline

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 13949654
Conc: 1017.80 ug/L



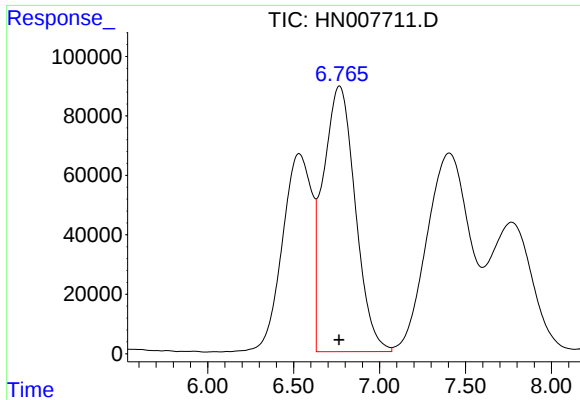
#7 Nitrobenzene

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 10570203
Conc: 1044.39 ug/L m



#8 Tetryl

R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 7973720
Conc: 1039.07 ug/L



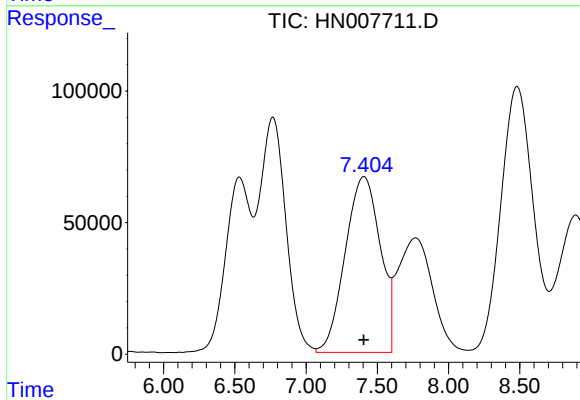
#9 2,4,6-Trinitrotoluene

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 11611347
Conc: 1032.52 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

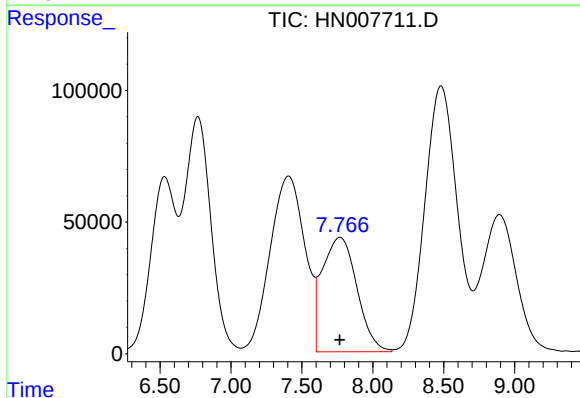
Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM



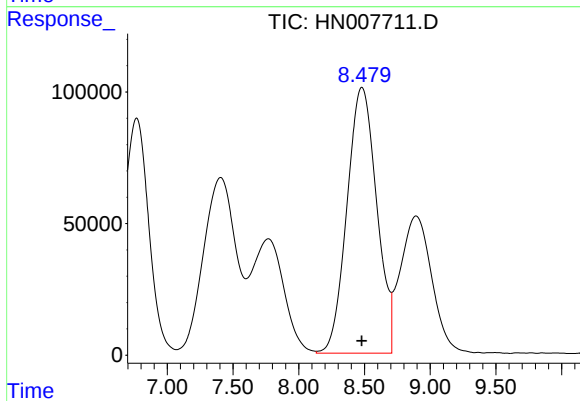
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.405 min
Delta R.T.: 0.001 min
Response: 11444034
Conc: 1022.41 ug/L



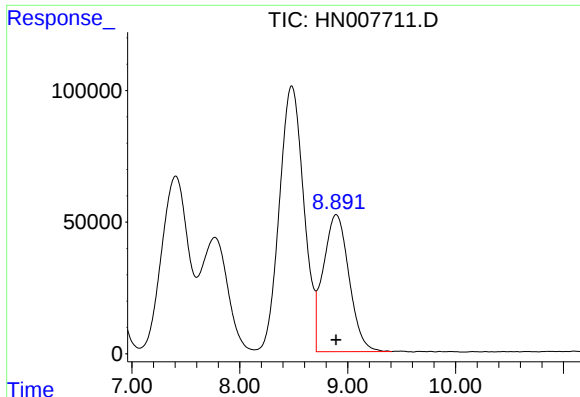
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 7365444
Conc: 1020.49 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 15904054
Conc: 1023.04 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.893 min

Delta R.T.: 0.002 min

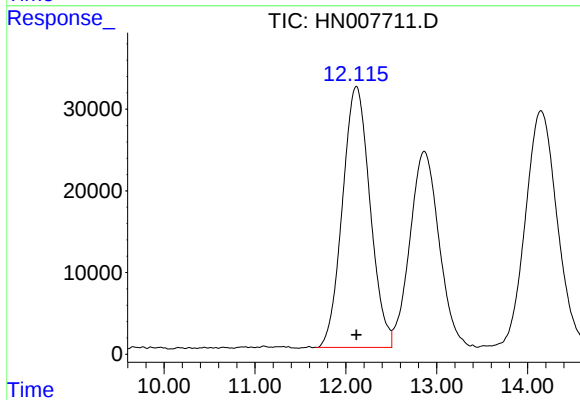
Response: 8637499

Conc: 1027.57 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM



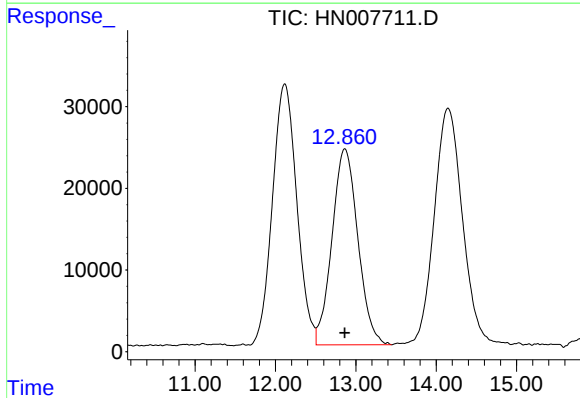
#14 2-Nitrotoluene

R.T.: 12.115 min

Delta R.T.: 0.000 min

Response: 6730246

Conc: 1006.62 ug/L



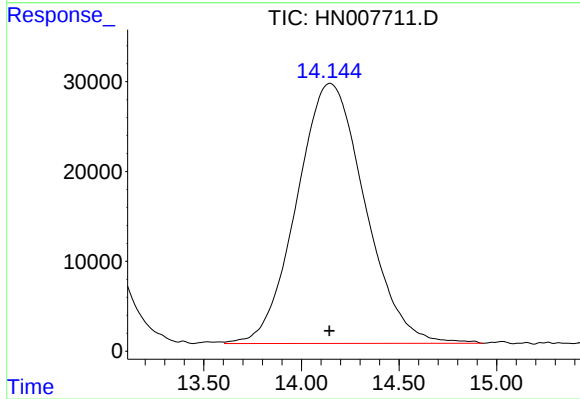
#15 4-Nitrotoluene

R.T.: 12.862 min

Delta R.T.: 0.002 min

Response: 5360966

Conc: 993.23 ug/L



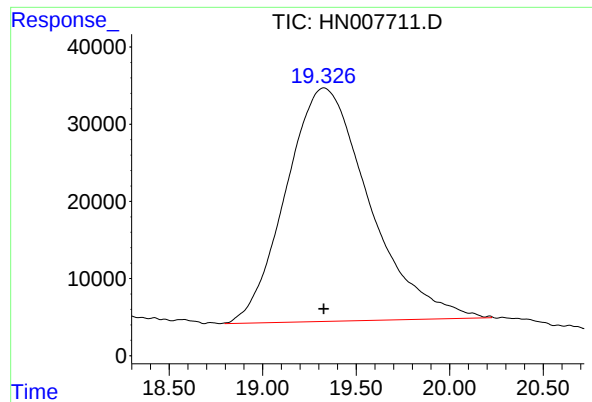
#16 3-Nitrotoluene

R.T.: 14.146 min

Delta R.T.: 0.002 min

Response: 7047073

Conc: 1025.07 ug/L



#17 PETN

R.T.: 19.326 min
Delta R.T.: 0.000 min
Response: 9388085
Conc: 983.75 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

sohil
6/3/2016 9:22:10 AM