

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN100515\
 Data File : HN007569.D
 Signal(s) : vwd1A.ch
 Acq On : 05-Oct-2015, 21:04
 Operator : UM/MA
 Sample : G3707-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
 APPROVED

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 10/7/2015 4:00:55 PM

Integration File: autoint1.e
 Quant Time: Oct 06 08:59:35 2015
 Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN100515.M
 Quant Title :
 QLast Update : Mon Oct 05 15:35:34 2015
 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	1.328	2010073	523.282 ug/L
Target Compounds			
2) T HMX	0.896	1027507	208.895 ug/L
3) T RDX	1.713	1105912	194.942 ug/L
4) T 1,3,5-Trinitrobenzene	2.647	1750679	148.926 ug/L
5) T 1,3-Dinitrobenzene	3.520	3360152	198.389 ng/ml
6) T 3,5-Dinitroaniline	3.915	2562534	208.250 ug/L
7) T Nitrobenzene	4.693	2030750	200.251 ug/L
9) T 2,4,6-Trinitrotoluene	6.480	3055889	253.809 ug/L
10) T 2-Amino-4,6-dinitroto...	7.059	2271260	201.364 ug/L
11) T 4-Amino-2,6-dinitroto...	7.411	1837585	258.118 ug/L m
12) T 2,4-Dinitrotoluene	8.087	3857623	252.166 ug/L
13) T 2,6-Dinitrotoluene	8.486	1933770	222.664 ug/L
14) T 2-Nitrotoluene	11.598	1301443	203.568 ug/L
15) T 4-Nitrotoluene	12.339	1045128	194.285 ug/L
16) T 3-Nitrotoluene	13.609	1372501	200.677 ug/L
17) T PETN	18.765	1617751	207.271 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

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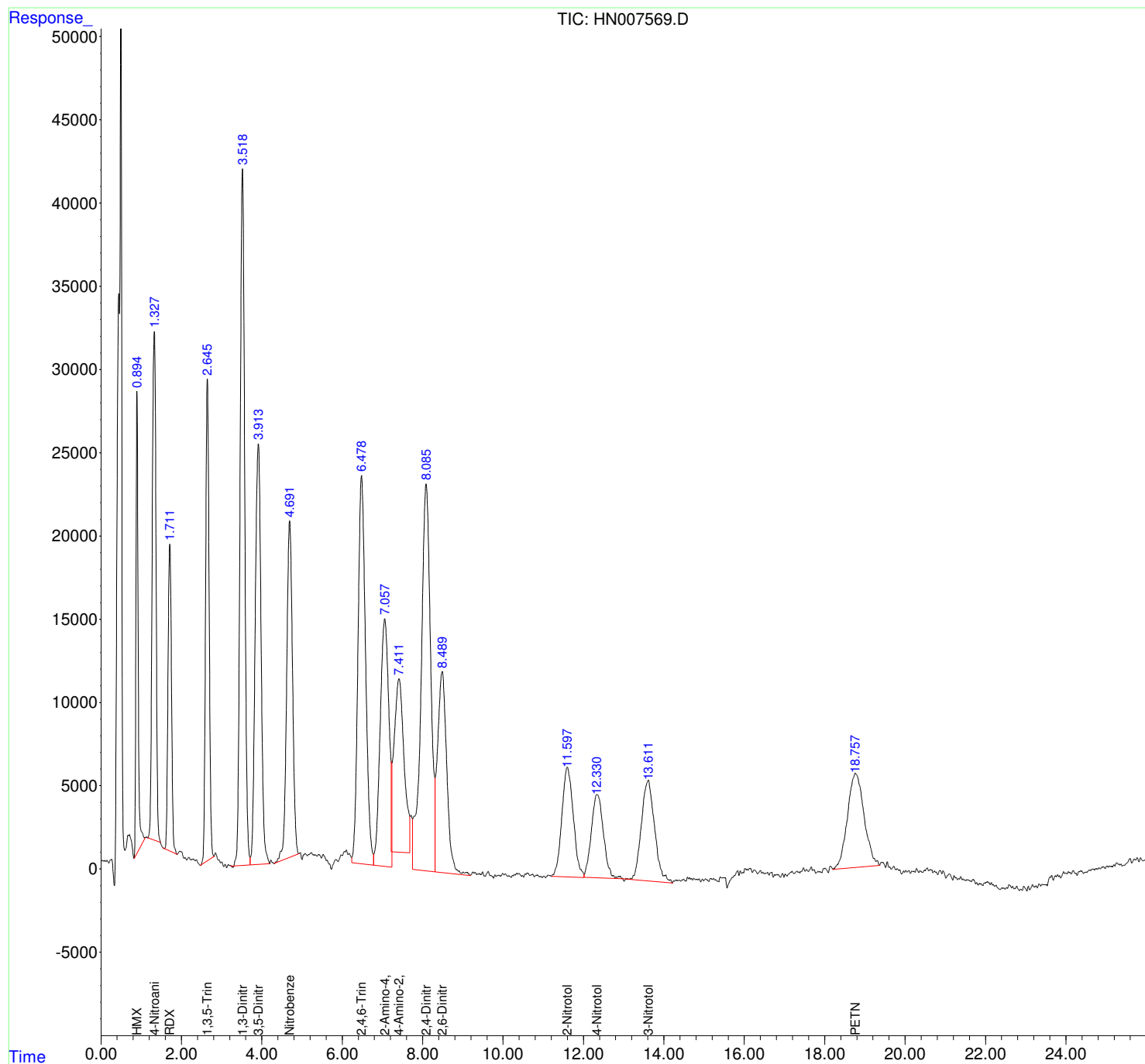
Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2015-02

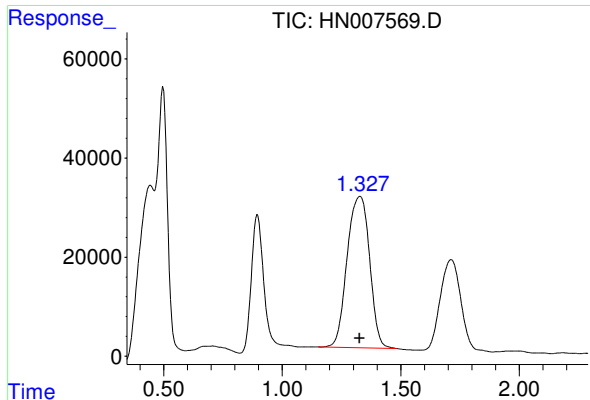
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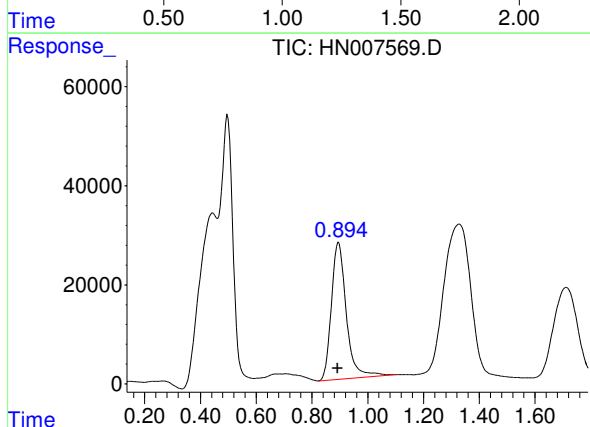
#1 4-Nitroaniline

R.T.: 1.328 min
Delta R.T.: 0.002 min
Response: 2010073
Conc: 523.28 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2015-02

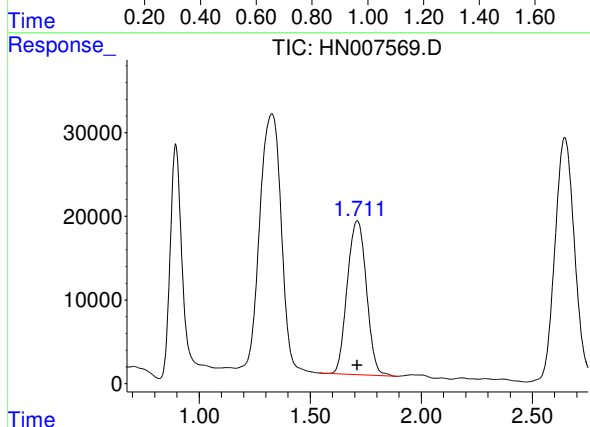
Manual Integrations
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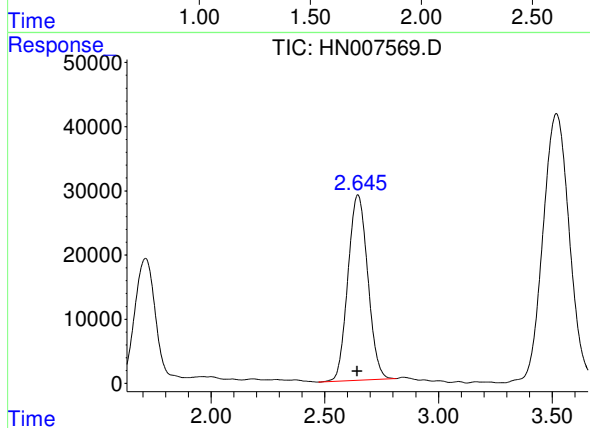
#2 HMX

R.T.: 0.896 min
Delta R.T.: 0.004 min
Response: 1027507
Conc: 208.89 ug/L



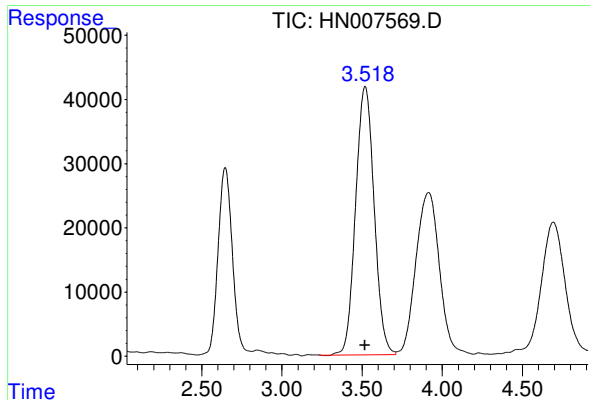
#3 RDX

R.T.: 1.713 min
Delta R.T.: 0.002 min
Response: 1105912
Conc: 194.94 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.647 min
Delta R.T.: 0.004 min
Response: 1750679
Conc: 148.93 ug/L



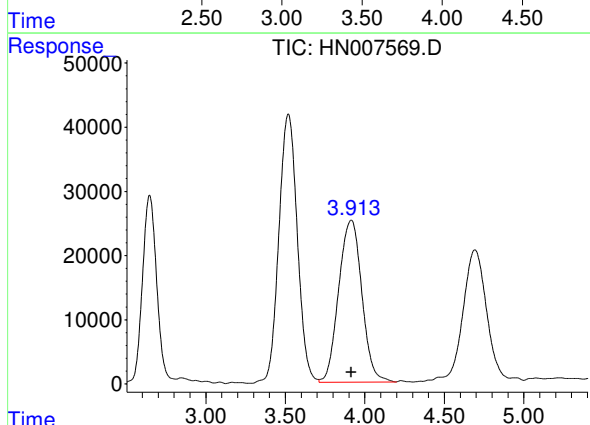
#5 1,3-Dinitrobenzene

R.T.: 3.520 min
Delta R.T.: 0.003 min
Response: 3360152
Conc: 198.39 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2015-02

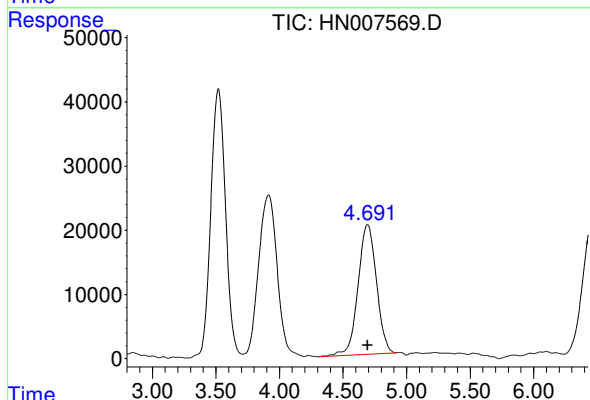
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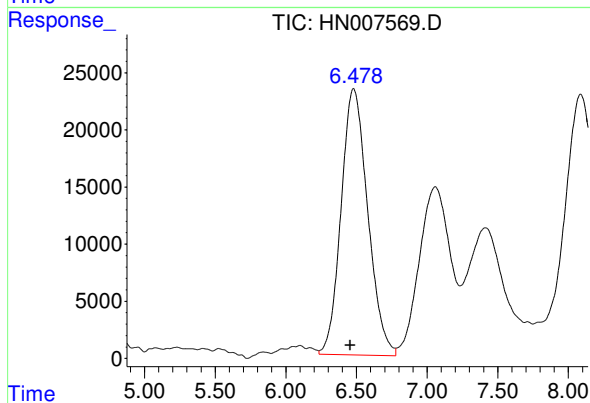
#6 3,5-Dinitroaniline

R.T.: 3.915 min
Delta R.T.: 0.001 min
Response: 2562534
Conc: 208.25 ug/L



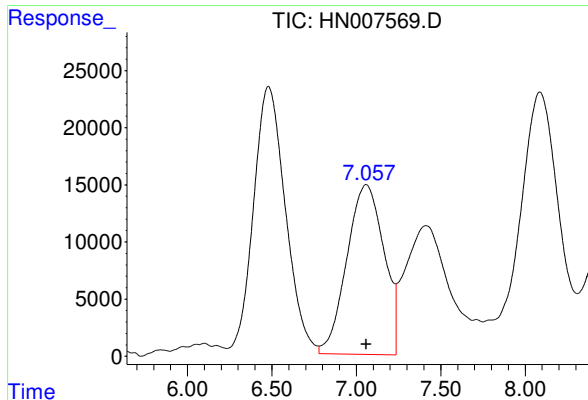
#7 Nitrobenzene

R.T.: 4.693 min
Delta R.T.: 0.001 min
Response: 2030750
Conc: 200.25 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 6.480 min
Delta R.T.: 0.022 min
Response: 3055889
Conc: 253.81 ug/L



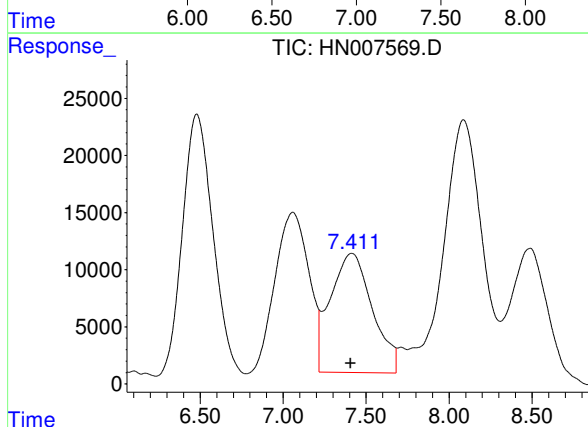
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 2271260
Conc: 201.36 ug/L

Instrument :
HPLC_N
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LOQ-WATER2015-02

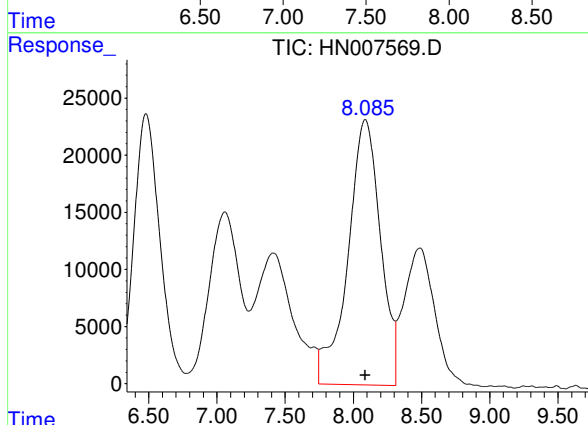
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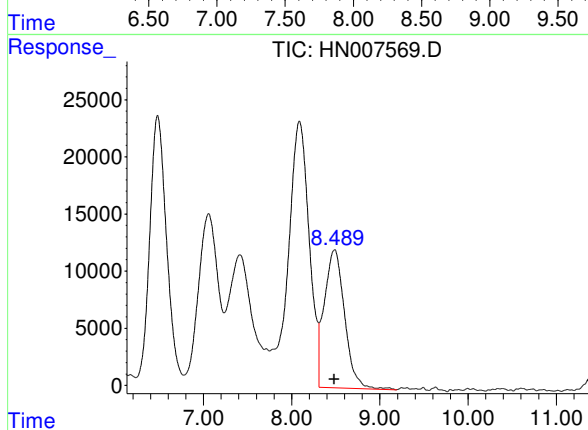
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.411 min
Delta R.T.: 0.004 min
Response: 1837585
Conc: 258.12 ug/L m



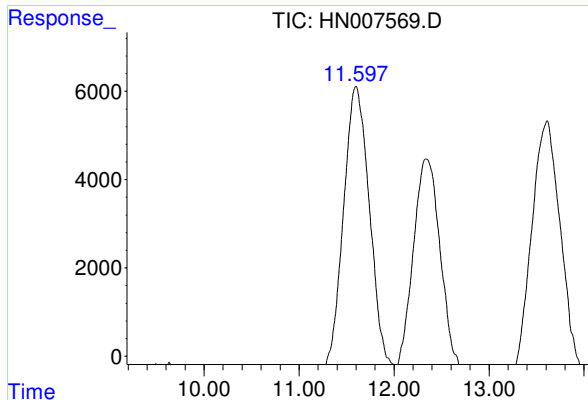
#12 2,4-Dinitrotoluene

R.T.: 8.087 min
Delta R.T.: -0.001 min
Response: 3857623
Conc: 252.17 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 1933770
Conc: 222.66 ug/L



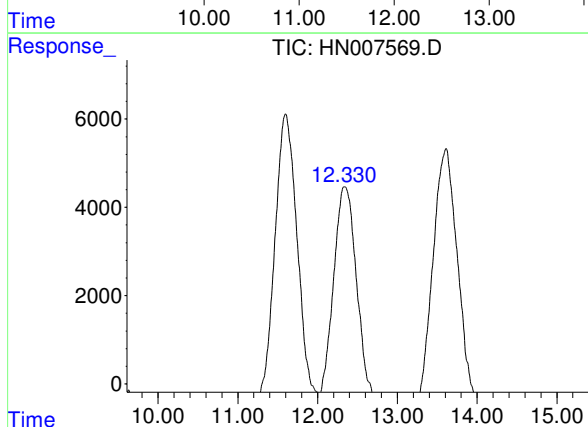
#14 2-Nitrotoluene

R.T.: 11.598 min
Delta R.T.: -0.002 min
Response: 1301443
Conc: 203.57 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2015-02

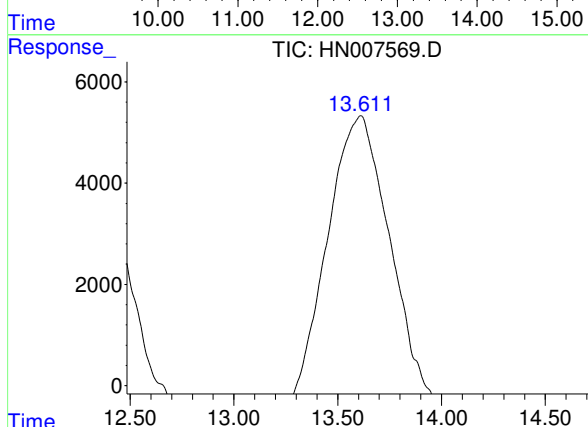
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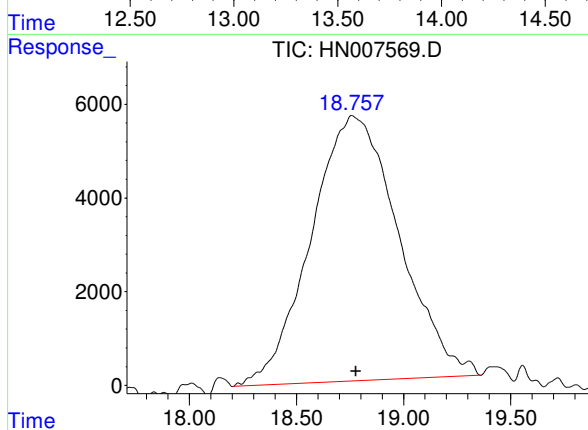
#15 4-Nitrotoluene

R.T.: 12.339 min
Delta R.T.: -0.003 min
Response: 1045128
Conc: 194.29 ug/L



#16 3-Nitrotoluene

R.T.: 13.609 min
Delta R.T.: 0.012 min
Response: 1372501
Conc: 200.68 ug/L



#17 PETN

R.T.: 18.765 min
Delta R.T.: -0.012 min
Response: 1617751
Conc: 207.27 ug/L