

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042414\
 Data File : HN005884.D
 Signal(s) : VWD1A.CH
 Acq On : 24-Apr-2014, 16:44
 Operator : HNP
 Sample : HSTDICCC0500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDICCC0500

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 30 11:38:37 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042414.M
 Quant Title :
 QLast Update : Fri Jan 24 13:04:26 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	1.321	663970	492.108 ug/L m
Target Compounds			
2) T HMX	0.881	1620619	109.631 ug/L m
3) T RDX	1.655	1993438	500.000 ug/L
4) T 1,3,5-Trinitrobenzene	2.678	3627647	500.000 ug/L
5) T 1,3-Dinitrobenzene	3.537	5629896	500.000 ng/ml
6) T 3,5-Dinitroaniline	3.885	2563509	500.000 ug/L
7) T Nitrobenzene	4.726	3892667	522.261 ug/L
8) T Tetryl	6.270	2876003	516.349 ug/L
9) T 2,4,6-Trinitrotoluene	6.563	3509088	531.500 ug/L
10) T 2-Amino-4,6-dinitroto...	7.016	3562232	587.756 ug/L
11) T 4-Amino-2,6-dinitroto...	7.373	2798259	540.926 ug/L
12) T 2,4-Dinitrotoluene	8.162	5091598	501.877 ug/L
13) T 2,6-Dinitrotoluene	8.558	3283049	496.797 ug/L
14) T 2-Nitrotoluene	11.725	2501133	523.575 ug/L
15) T 4-Nitrotoluene	12.491	2001016	558.359 ug/L
16) T 3-Nitrotoluene	13.748	2087057	487.746 ug/L m
17) T PETN	18.948	1627277	575.777 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

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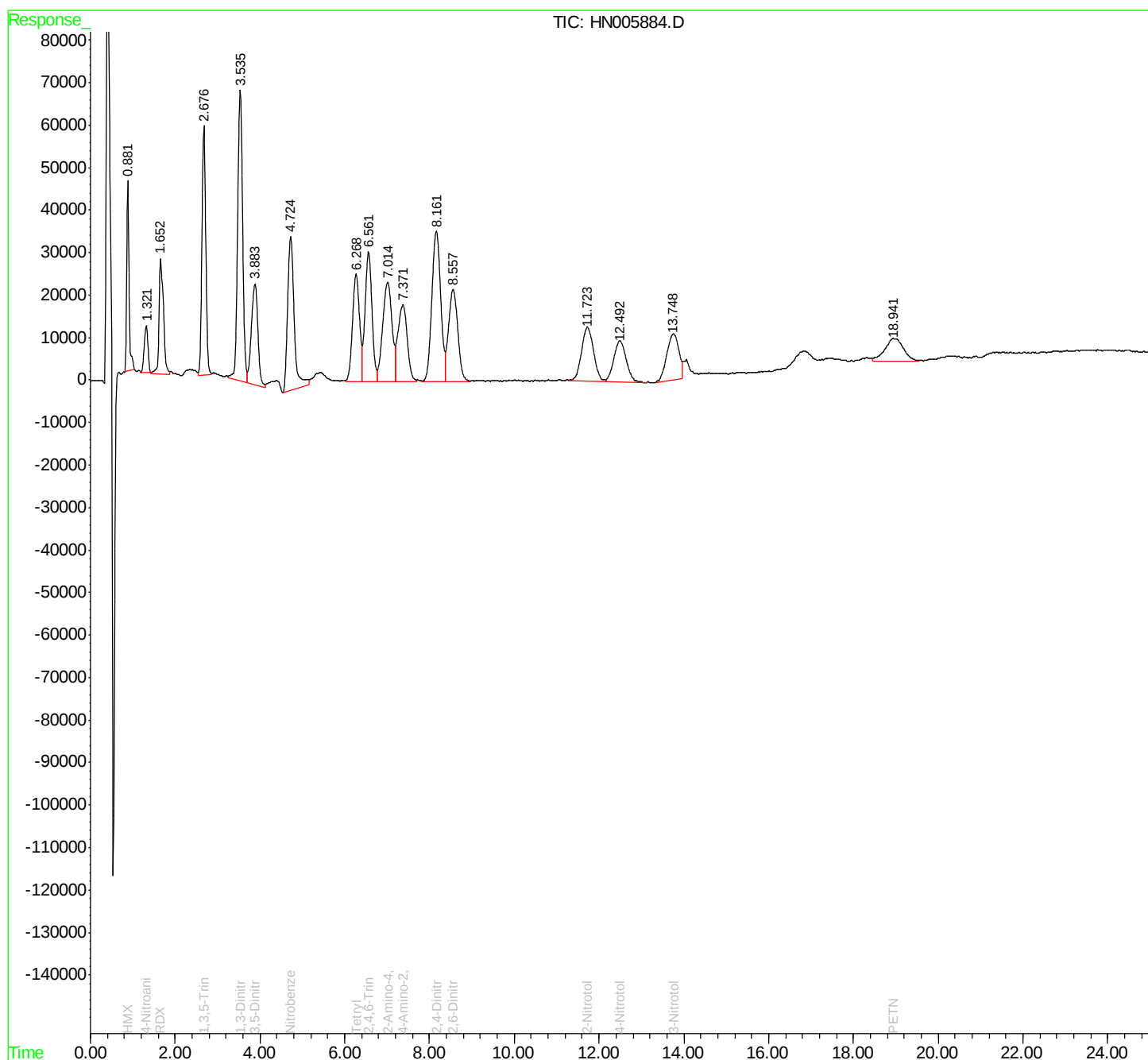
Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

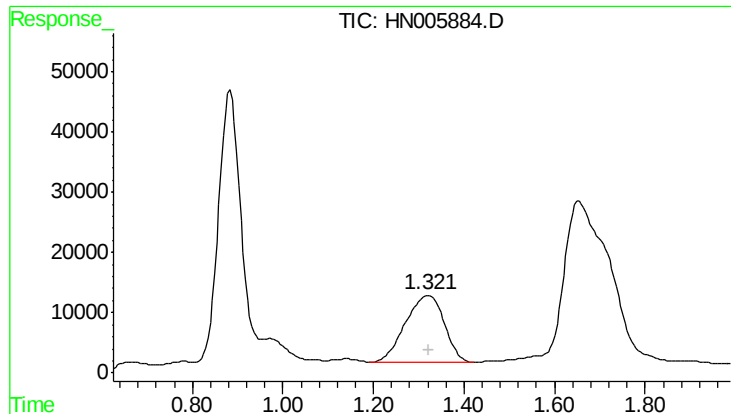
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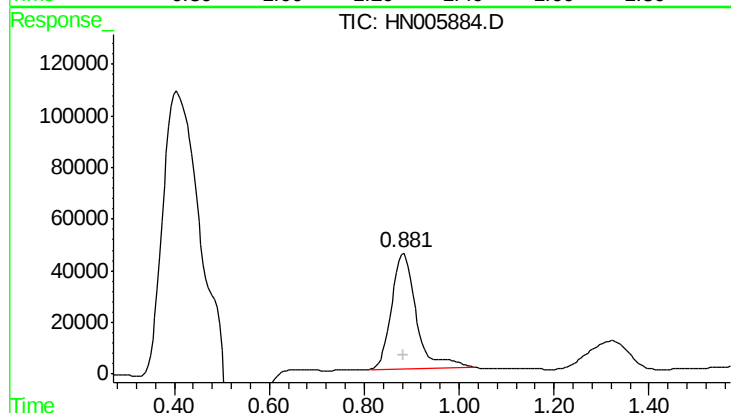
#1 4-Nitroaniline

R.T.: 1.321 min
 Delta R.T.: -0.001 min
 Response: 663970
 Conc: 492.11 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDICCC0500

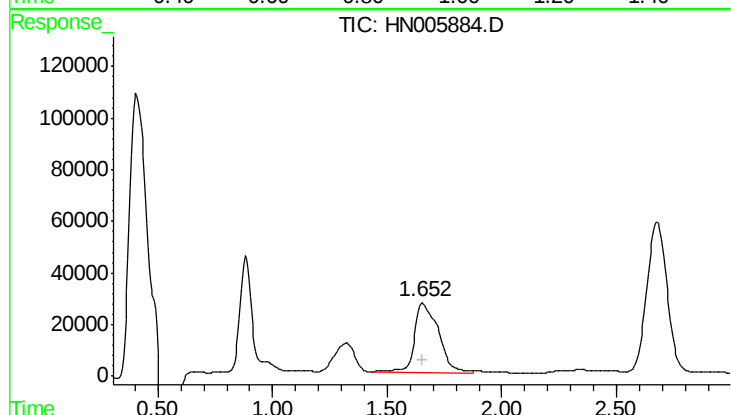
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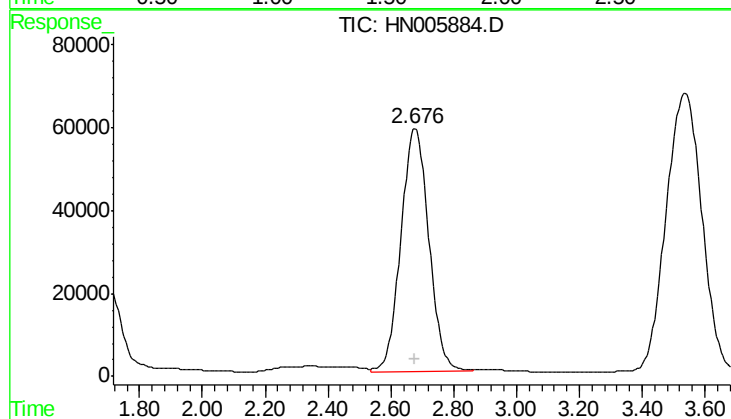
#2 HMX

R.T.: 0.881 min
 Delta R.T.: -0.002 min
 Response: 1620619
 Conc: 109.63 ug/L m



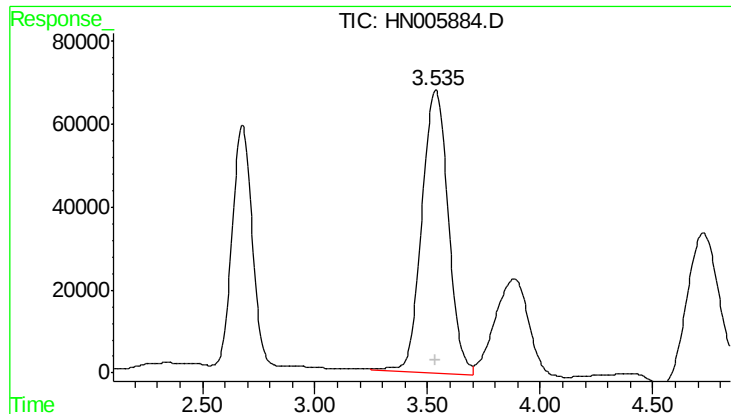
#3 RDX

R.T.: 1.655 min
 Delta R.T.: 0.000 min
 Response: 1993438
 Conc: 500.00 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.678 min
 Delta R.T.: 0.000 min
 Response: 3627647
 Conc: 500.00 ug/L



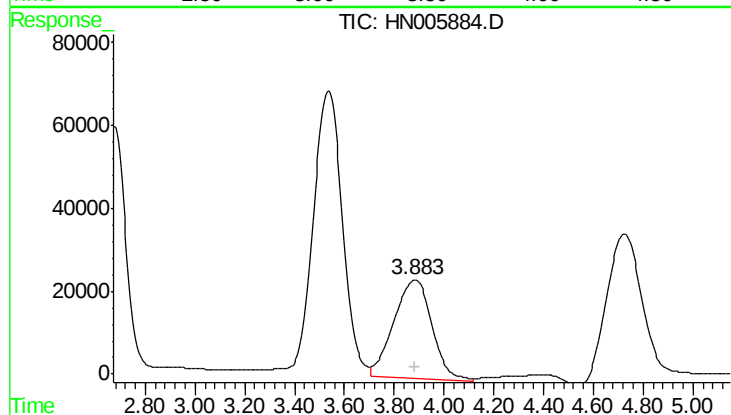
#5 1,3-Dinitrobenzene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 5629896
Conc: 500.00 ng/ml

Instrument :
HPLC_N
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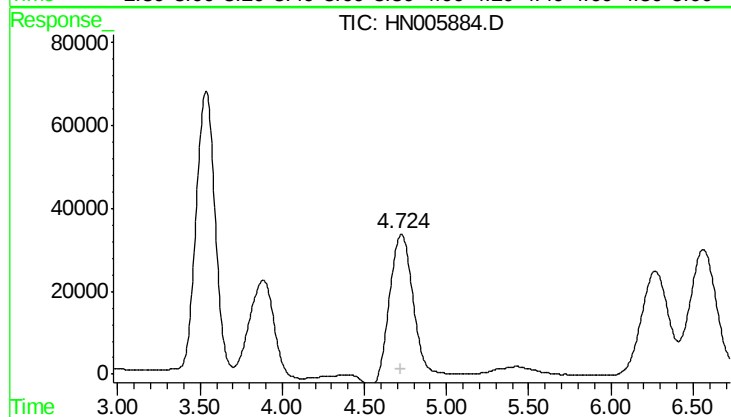
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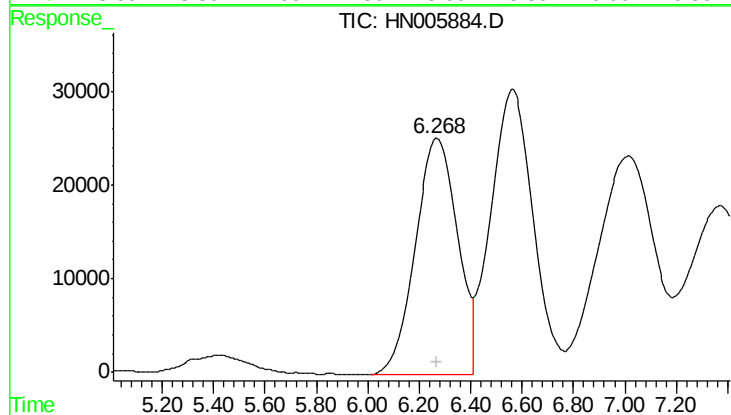
#6 3,5-Dinitroaniline

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 2563509
Conc: 500.00 ug/L



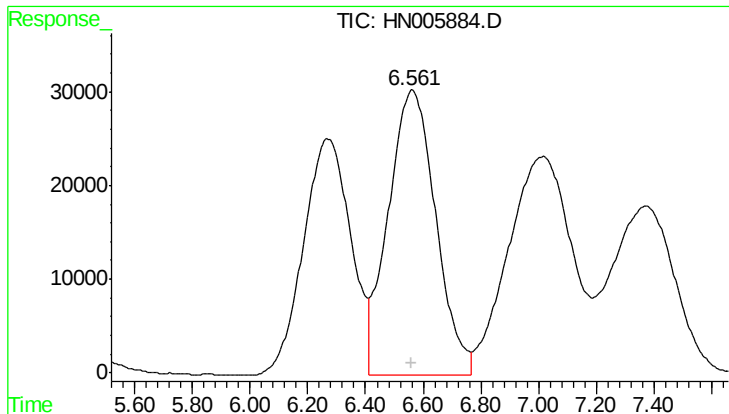
#7 Nitrobenzene

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 3892667
Conc: 522.26 ug/L



#8 Tetryl

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 2876003
Conc: 516.35 ug/L



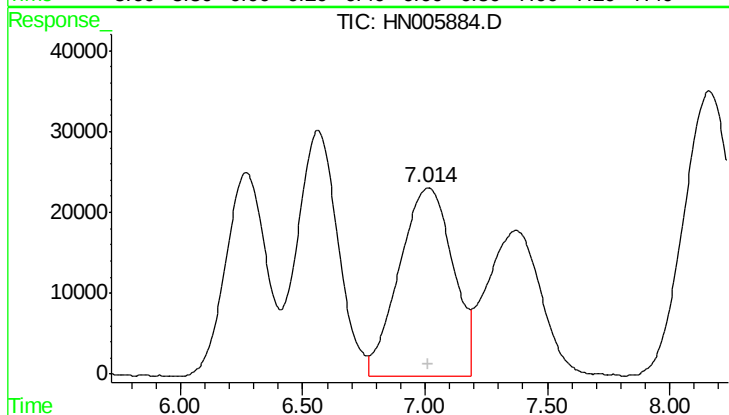
#9 2,4,6-Trinitrotoluene

R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 3509088
Conc: 531.50 ug/L

Instrument :
HPLC_N
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HSTDICCC0500

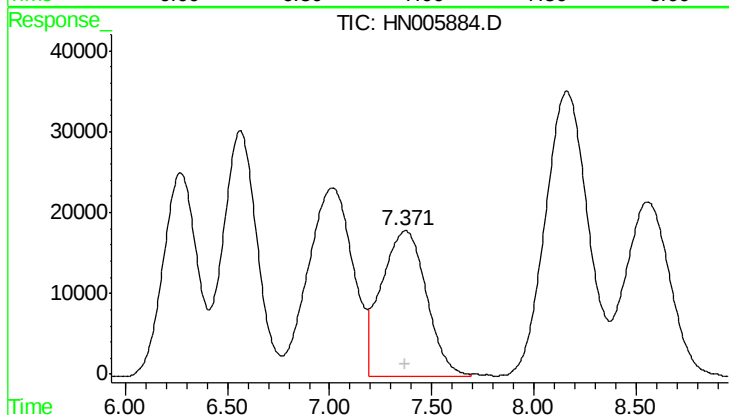
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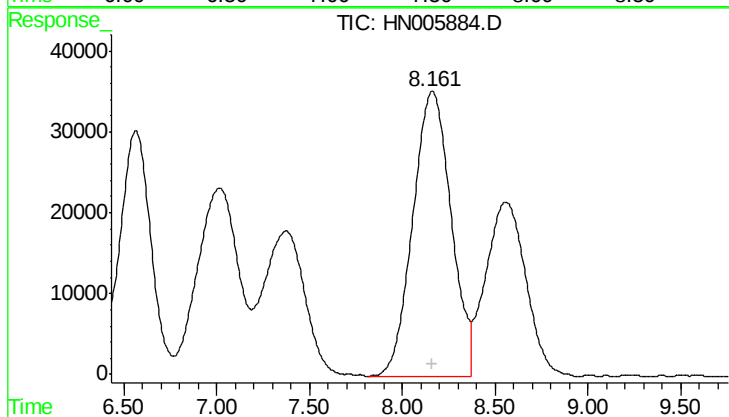
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.016 min
Delta R.T.: 0.002 min
Response: 3562232
Conc: 587.76 ug/L



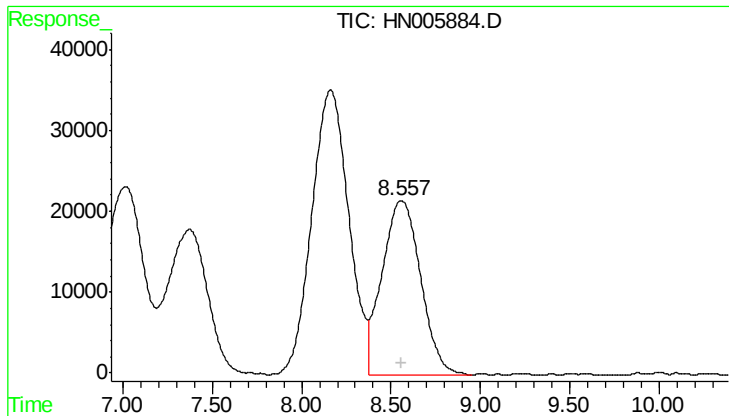
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 2798259
Conc: 540.93 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.162 min
Delta R.T.: 0.001 min
Response: 5091598
Conc: 501.88 ug/L



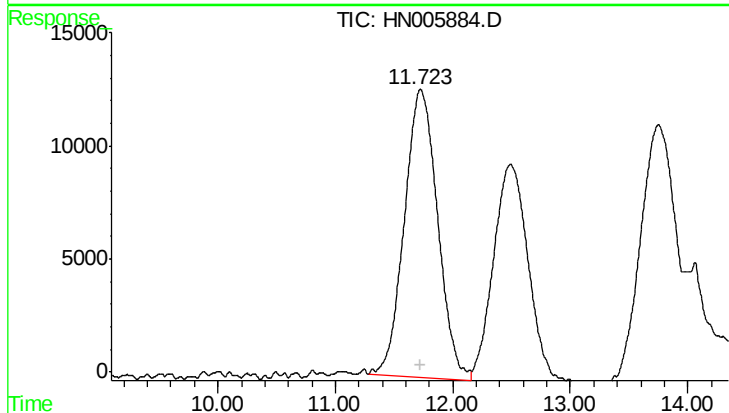
#13 2,6-Dinitrotoluene

R.T.: 8.558 min
Delta R.T.: 0.001 min
Response: 3283049
Conc: 496.80 ug/L

Instrument :
HPLC_N
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HSTDICCC0500

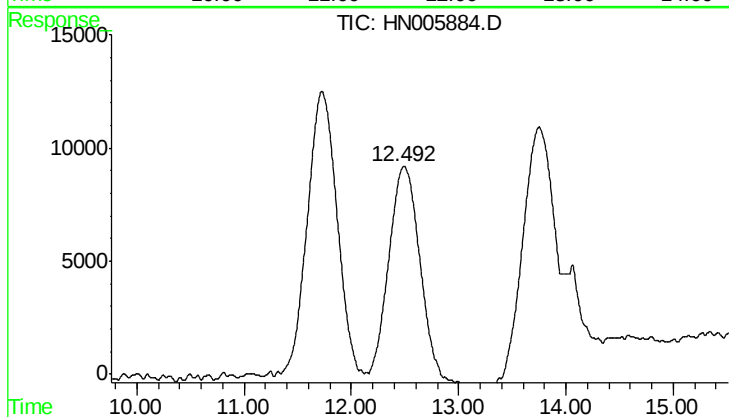
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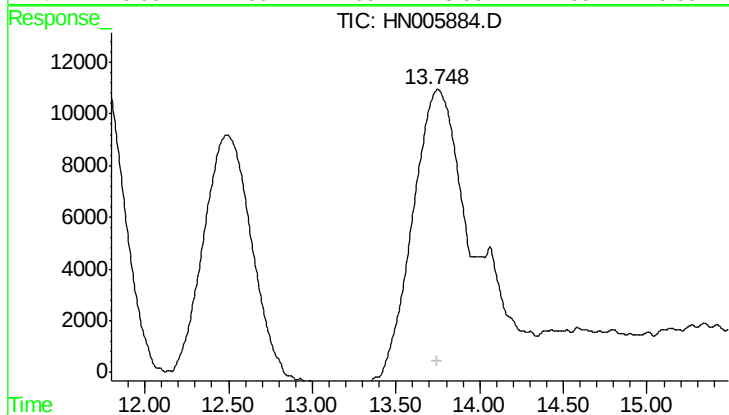
#14 2-Nitrotoluene

R.T.: 11.725 min
Delta R.T.: 0.003 min
Response: 2501133
Conc: 523.57 ug/L



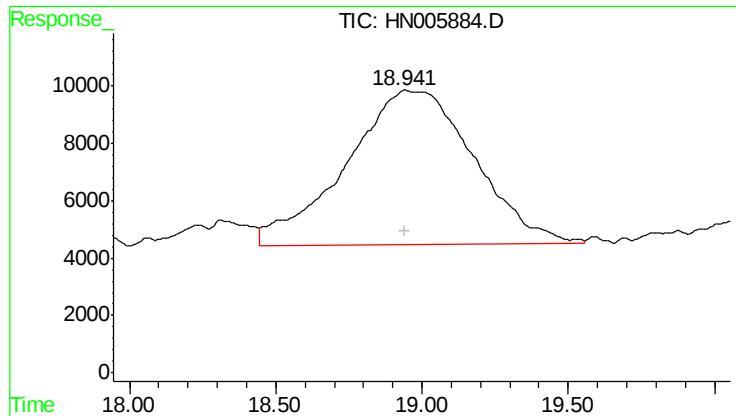
#15 4-Nitrotoluene

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 2001016
Conc: 558.36 ug/L



#16 3-Nitrotoluene

R.T.: 13.748 min
Delta R.T.: 0.000 min
Response: 2087057
Conc: 487.75 ug/L m



#17 PETN

R.T.: 18.948 min
Delta R.T.: 0.007 min
Response: 1627277
Conc: 575.78 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

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