

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042414\
 Data File : HN005904.D
 Signal(s) : VWD1A.CH
 Acq On : 25-Apr-2014, 01:46
 Operator : HNP
 Sample : PB76115BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PB76115BS

Manual Integrations
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 4/30/2014 9:43:16 AM

Integration File: autoint1.e
 Quant Time: Apr 30 11:43:07 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042414.M
 Quant Title :
 QLast Update : Fri Apr 25 12:52:40 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	1.330	635975	276.583 ug/L m
Target Compounds			
2) T HMX	0.886	541852	239.957 ug/L m
3) T RDX	1.711	711285	123.451 ug/L
4) T 1,3,5-Trinitrobenzene	2.697	1422987	136.967 ug/L
5) T 1,3-Dinitrobenzene	3.563	2210754	138.013 ng/mL
6) T 3,5-Dinitroaniline	3.919	1894336	264.912 ug/L
7) T Nitrobenzene	4.764	1641729	153.002 ug/L
8) T Tetryl	6.344	845720	107.046 ug/L m
9) T 2,4,6-Trinitrotoluene	6.626	1408724	137.498 ug/L
10) T 2-Amino-4,6-dinitroto...	7.088	1313430	118.262 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.441	901593	136.207 ug/L m
12) T 2,4-Dinitrotoluene	8.243	1899576	122.984 ug/L m
13) T 2,6-Dinitrotoluene	8.632	1069466	124.232 ug/L m
14) T 2-Nitrotoluene	11.832	816197	122.861 ug/L m
15) T 4-Nitrotoluene	12.606	642193	124.968 ug/L m
16) T 3-Nitrotoluene	13.866	630469	107.620 ug/L m
17) T PETN	19.172	1517521	322.616 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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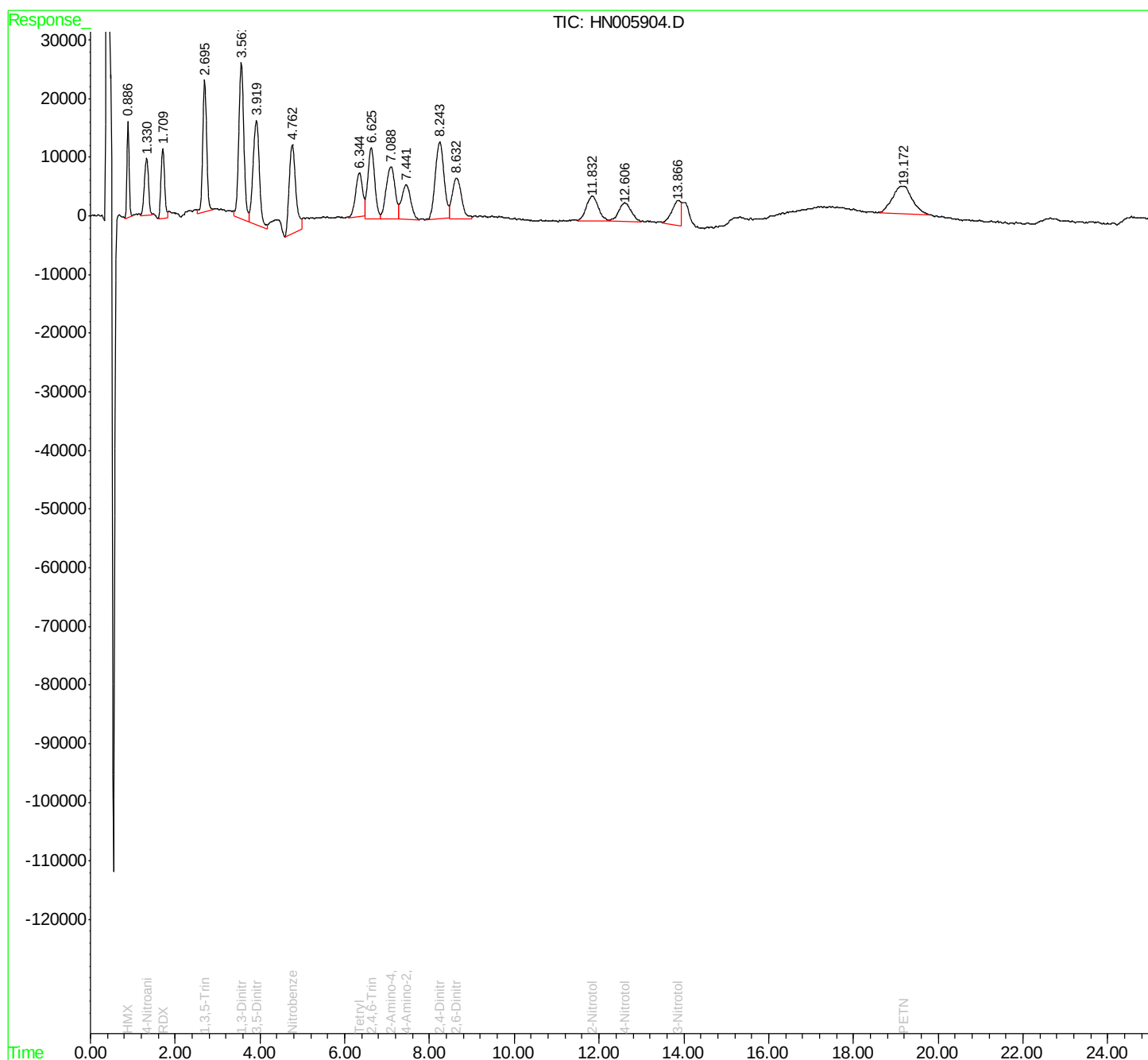
Instrument :
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PB76115BS

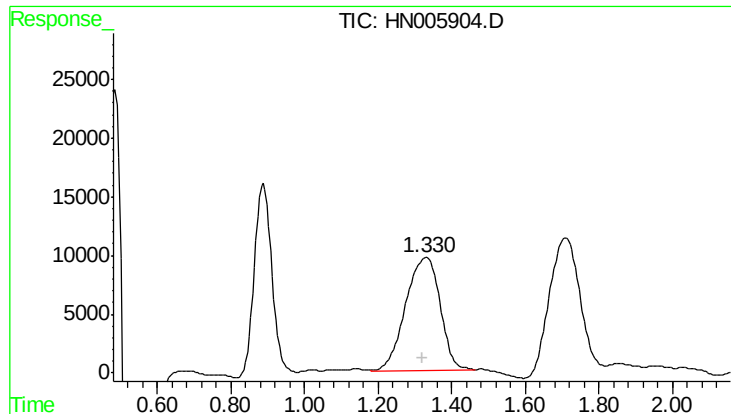
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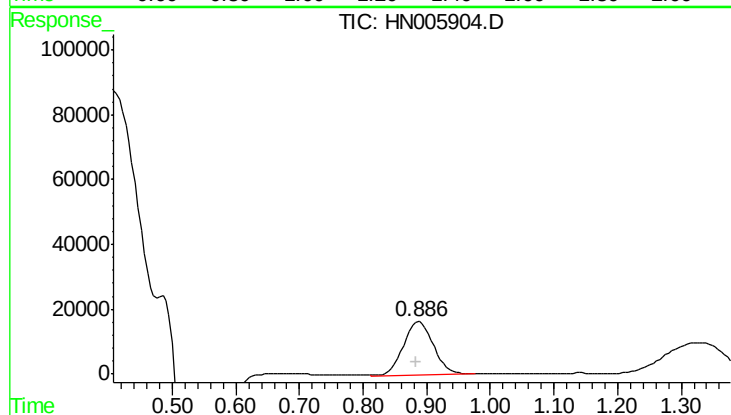
#1 4-Nitroaniline

R.T.: 1.330 min
Delta R.T.: 0.008 min
Response: 635975
Conc: 276.58 ug/L m

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PB76115BS

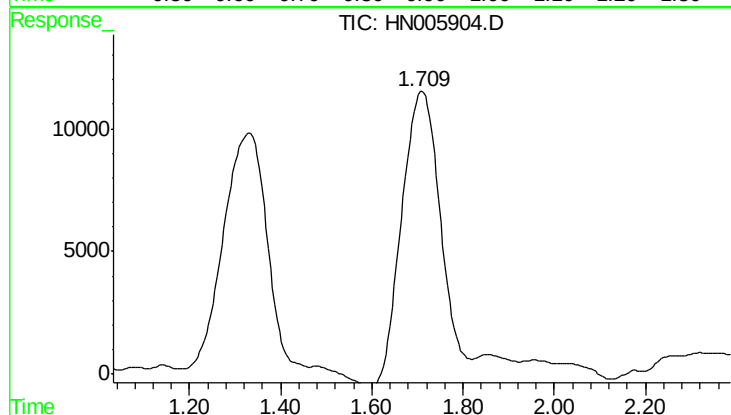
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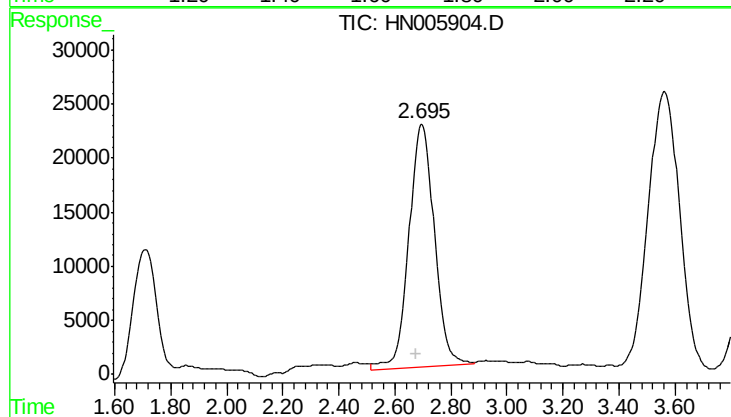
#2 HMX

R.T.: 0.886 min
Delta R.T.: 0.003 min
Response: 541852
Conc: 239.96 ug/L m



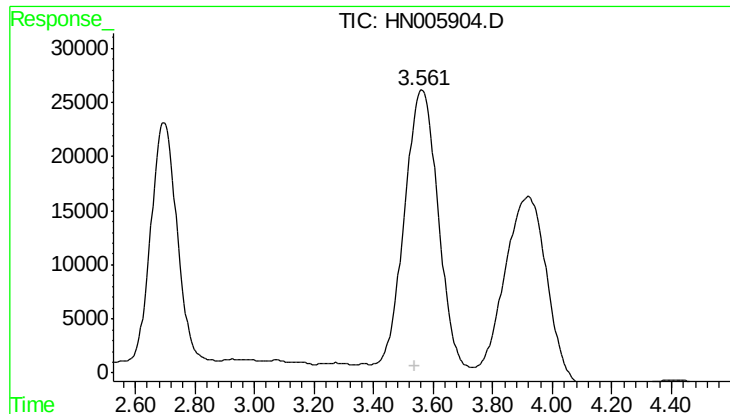
#3 RDX

R.T.: 1.711 min
Delta R.T.: 0.055 min
Response: 711285
Conc: 123.45 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.697 min
Delta R.T.: 0.019 min
Response: 1422987
Conc: 136.97 ug/L



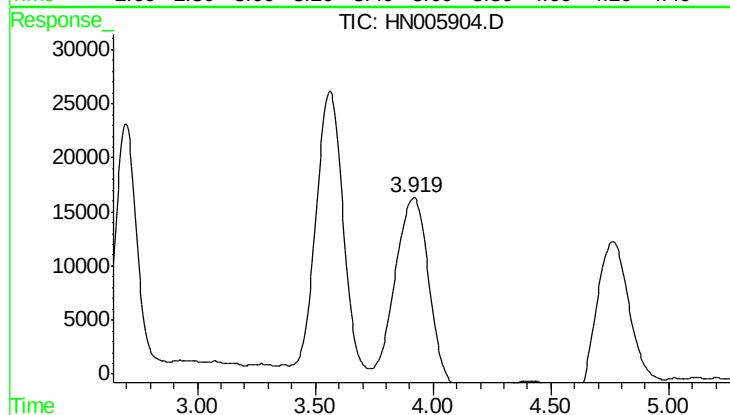
#5 1,3-Dinitrobenzene

R.T.: 3.563 min
Delta R.T.: 0.026 min
Response: 2210754
Conc: 138.01 ng/ml

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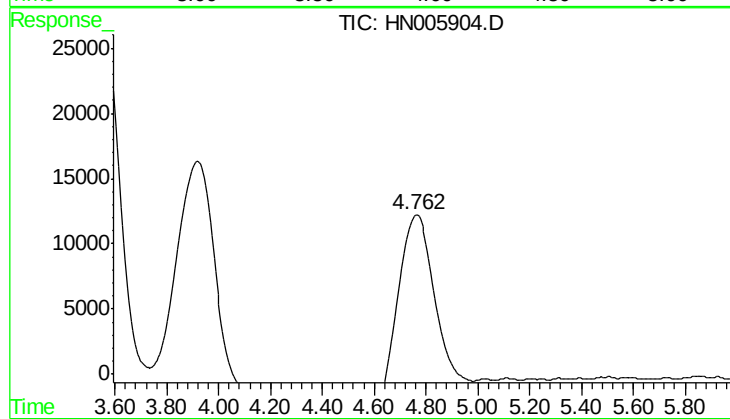
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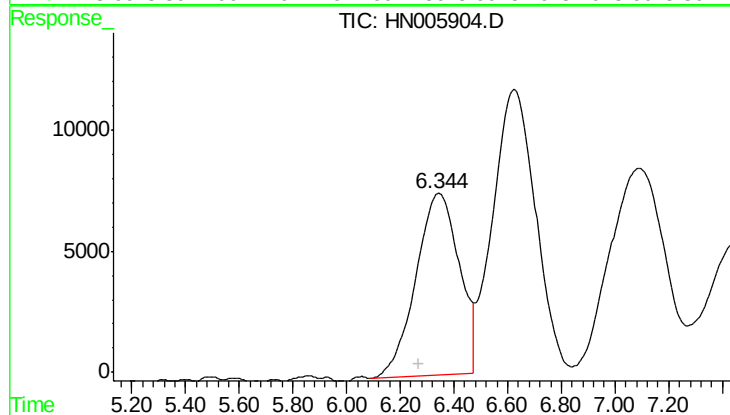
#6 3,5-Dinitroaniline

R.T.: 3.919 min
Delta R.T.: 0.034 min
Response: 1894336
Conc: 264.91 ug/L



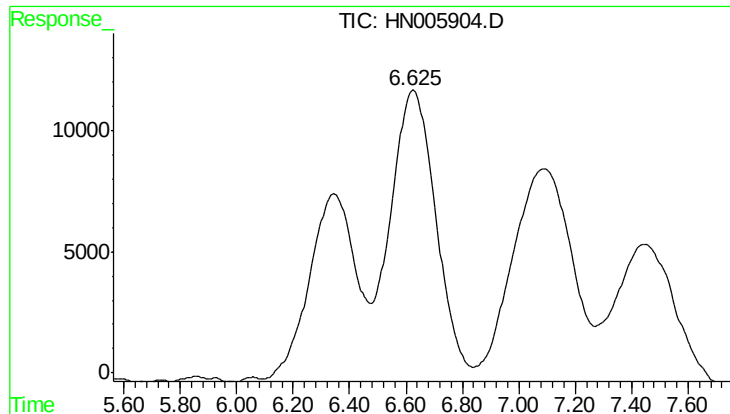
#7 Nitrobenzene

R.T.: 4.764 min
Delta R.T.: 0.041 min
Response: 1641729
Conc: 153.00 ug/L



#8 Tetryl

R.T.: 6.344 min
Delta R.T.: 0.076 min
Response: 845720
Conc: 107.05 ug/L m



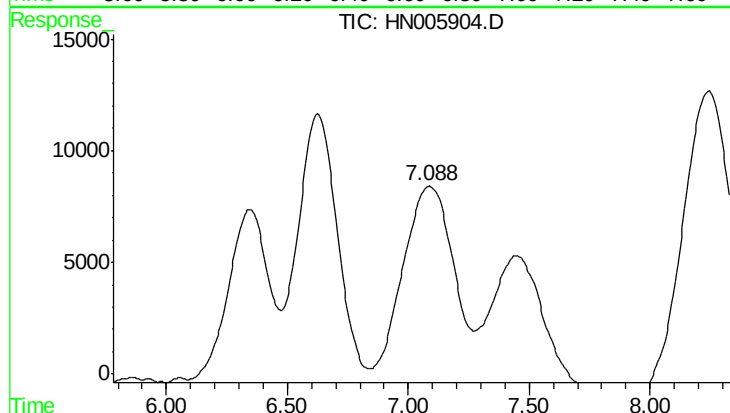
#9 2,4,6-Trinitrotoluene

R.T.: 6.626 min
Delta R.T.: 0.066 min
Response: 1408724
Conc: 137.50 ug/L

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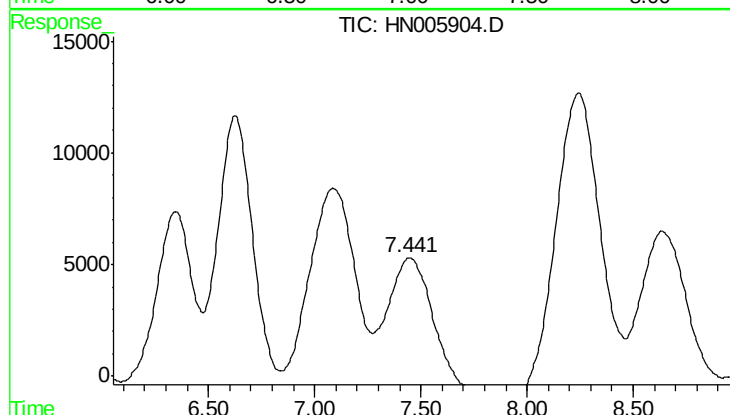
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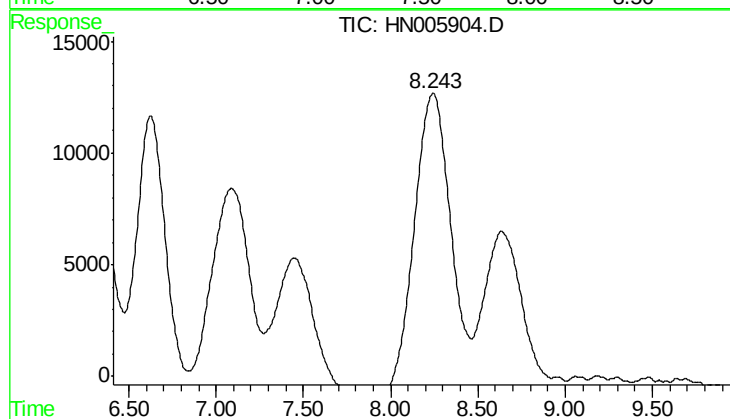
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.088 min
Delta R.T.: 0.074 min
Response: 1313430
Conc: 118.26 ug/L m



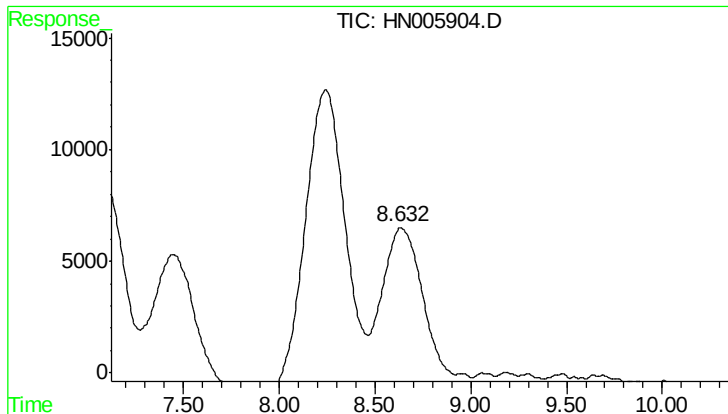
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.441 min
Delta R.T.: 0.069 min
Response: 901593
Conc: 136.21 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.243 min
Delta R.T.: 0.082 min
Response: 1899576
Conc: 122.98 ug/L m



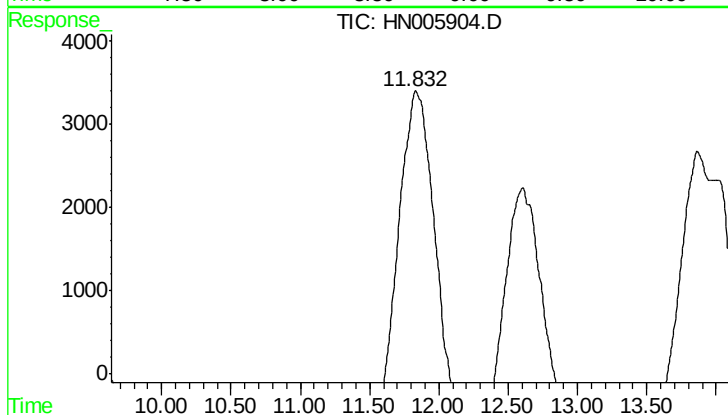
#13 2,6-Dinitrotoluene

R.T.: 8.632 min
 Delta R.T.: 0.075 min
 Response: 1069466
 Conc: 124.23 ug/L m

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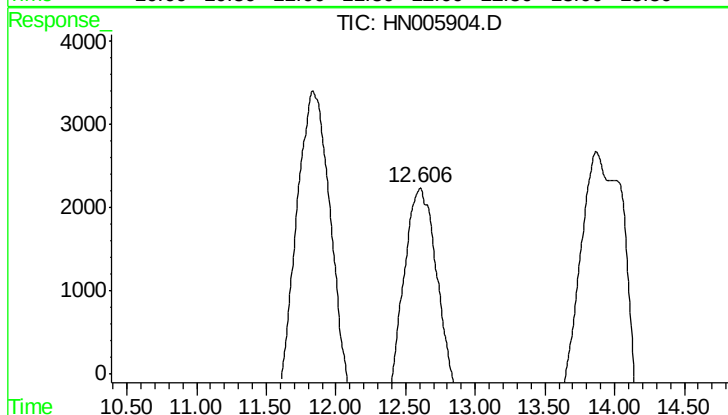
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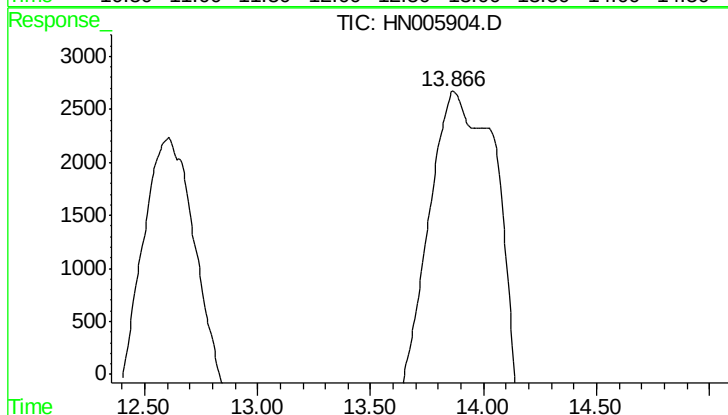
#14 2-Nitrotoluene

R.T.: 11.832 min
 Delta R.T.: 0.110 min
 Response: 816197
 Conc: 122.86 ug/L m



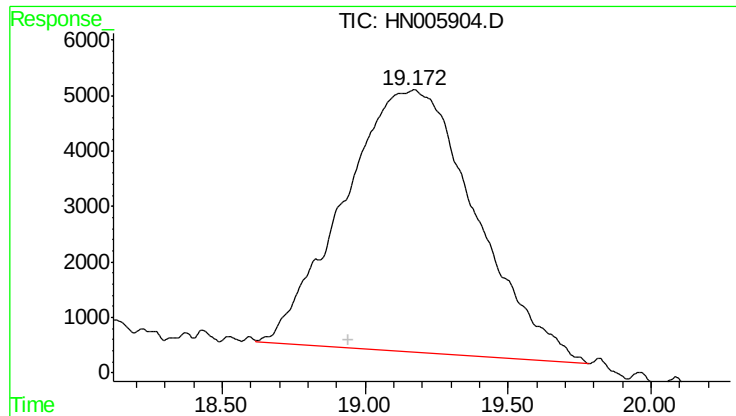
#15 4-Nitrotoluene

R.T.: 12.606 min
 Delta R.T.: 0.114 min
 Response: 642193
 Conc: 124.97 ug/L m



#16 3-Nitrotoluene

R.T.: 13.866 min
 Delta R.T.: 0.118 min
 Response: 630469
 Conc: 107.62 ug/L m



#17 PETN

R.T.: 19.172 min
Delta R.T.: 0.232 min
Response: 1517521
Conc: 322.62 ug/L m

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