

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\HPLC\_N\Data\HN043014\  
 Data File : HN006018.D  
 Signal(s) : VWD1A.CH  
 Acq On : 30-Apr-2014, 12:31  
 Operator : HNP  
 Sample : PB76243BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 PB76243BS

Integration File: autoint1.e  
 Quant Time: Apr 30 19:12:47 2014  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN042914.M  
 Quant Title :  
 QLast Update : Wed Apr 30 12:52:07 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            | 1.347  | 706458   | 149.472 ug/L   |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 0.896  | 526798   | 110.629 ug/L m |
| 3) T RDX                       | 1.731  | 701675   | 120.060 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.728  | 1341176  | 112.620 ug/L   |
| 5) T 1,3-Dinitrobenzene        | 3.616  | 2079546  | 115.128 ng/ml  |
| 6) T 3,5-Dinitroaniline        | 3.996  | 1667340  | 125.397 ug/L   |
| 7) T Nitrobenzene              | 4.838  | 1304243  | 120.528 ug/L   |
| 8) T Tetryl                    | 6.472  | 877861   | 120.272 ug/L   |
| 9) T 2,4,6-Trinitrotoluene     | 6.733  | 1414465  | 118.348 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 7.246  | 1349747  | 107.155 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 7.617  | 897942   | 125.019 ug/L m |
| 12) T 2,4-Dinitrotoluene       | 8.385  | 1916906  | 108.738 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 8.795  | 1074867  | 120.739 ug/L   |
| 14) T 2-Nitrotoluene           | 12.052 | 881590   | 125.271 ug/L m |
| 15) T 4-Nitrotoluene           | 12.839 | 708501   | 126.247 ug/L m |
| 16) T 3-Nitrotoluene           | 14.167 | 1526366  | 107.202 ug/L m |
| 17) T PETN                     | 19.463 | 1219916  | 130.184 ug/L m |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

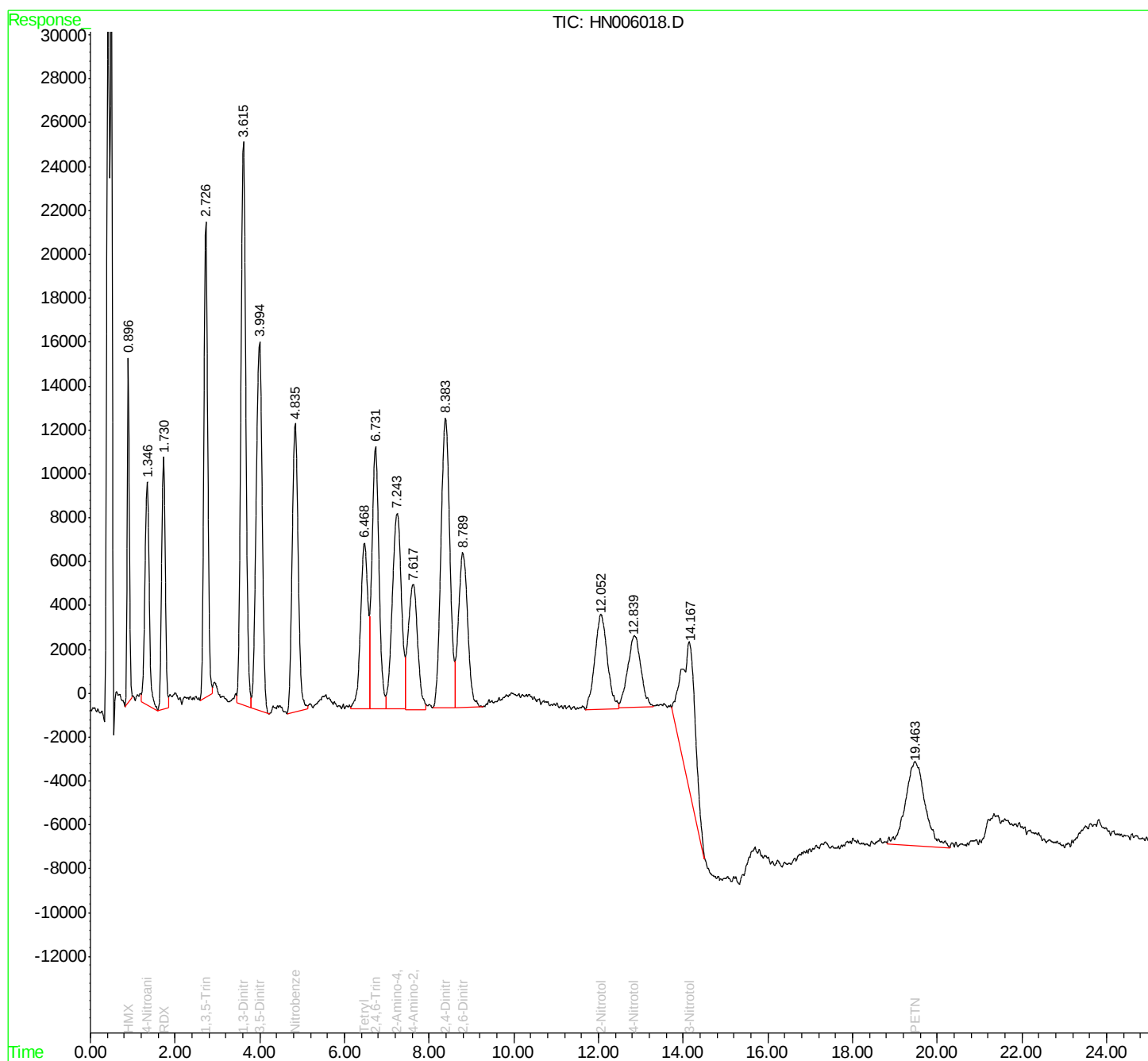
(m)=manual int.

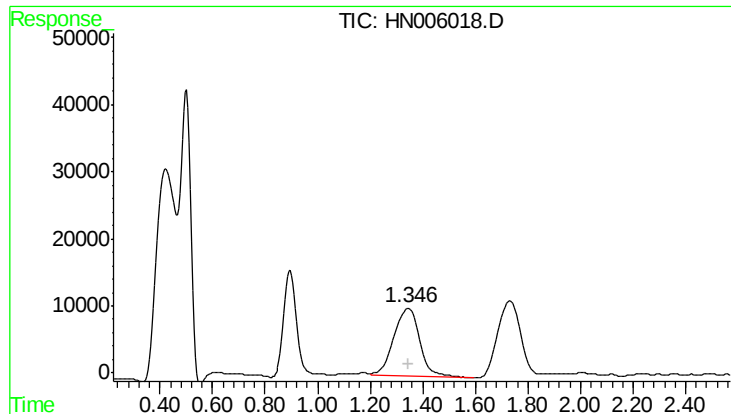
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\HPLC\_N\Data\HN043014\  
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Signal(s) : VWD1A.CH  
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Operator : HNP  
Sample : PB76243BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
HPLC\_N  
ClientSampleId :  
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Quant Title :  
QLast Update : Wed Apr 30 12:52:07 2014  
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Integrator: ChemStation

Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A

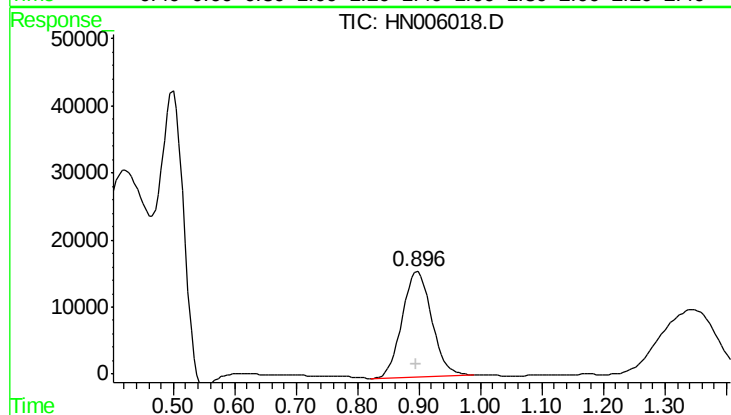




# #1 4-Nitroaniline

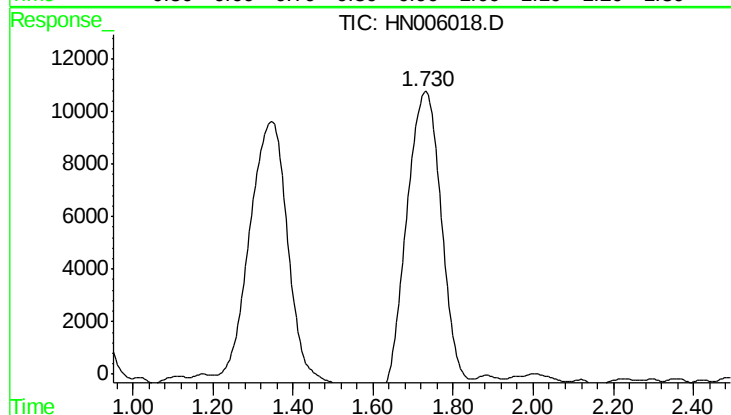
R.T.: 1.347 min  
Delta R.T.: 0.002 min  
Response: 706458  
Conc: 149.47 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
PB76243BS



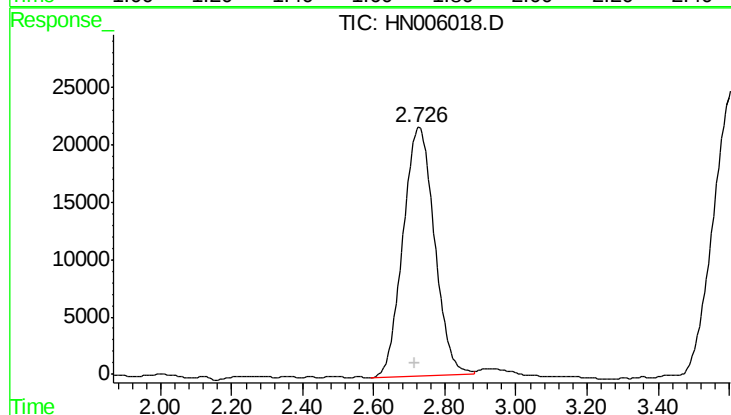
# #2 HMX

R.T.: 0.896 min  
Delta R.T.: 0.000 min  
Response: 526798  
Conc: 110.63 ug/L m



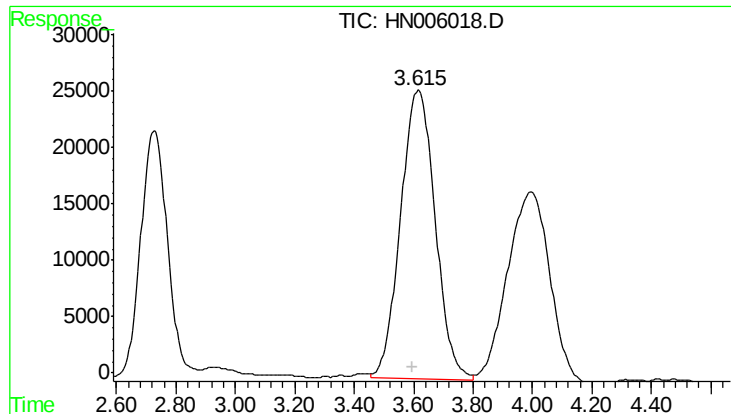
# #3 RDX

R.T.: 1.731 min  
Delta R.T.: 0.058 min  
Response: 701675  
Conc: 120.06 ug/L



# #4 1,3,5-Trinitrobenzene

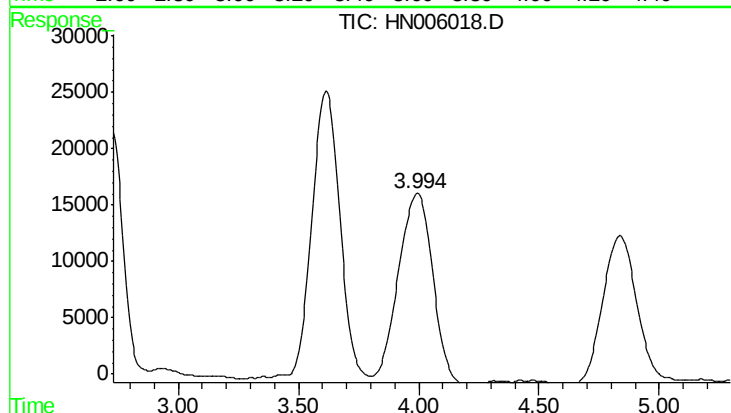
R.T.: 2.728 min  
Delta R.T.: 0.013 min  
Response: 1341176  
Conc: 112.62 ug/L



#5 1,3-Dinitrobenzene

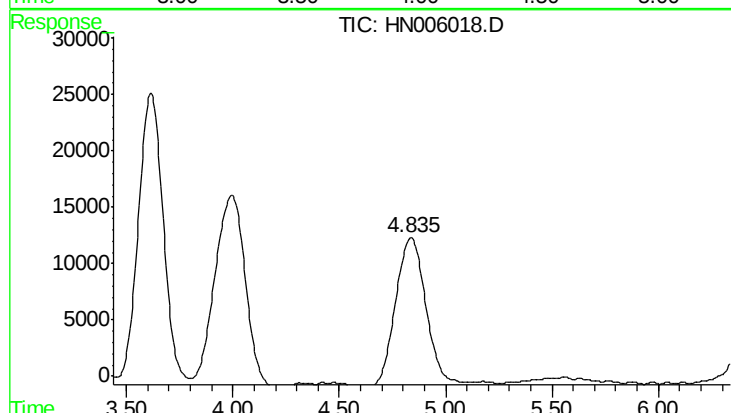
R.T.: 3.616 min  
Delta R.T.: 0.021 min  
Response: 2079546  
Conc: 115.13 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
PB76243BS



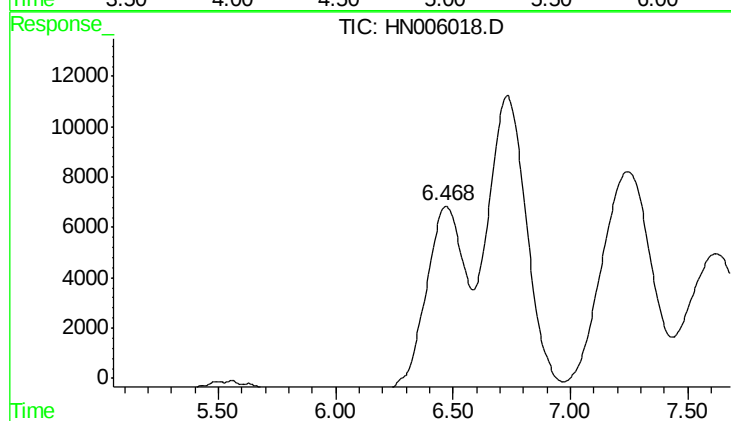
#6 3,5-Dinitroaniline

R.T.: 3.996 min  
Delta R.T.: 0.028 min  
Response: 1667340  
Conc: 125.40 ug/L



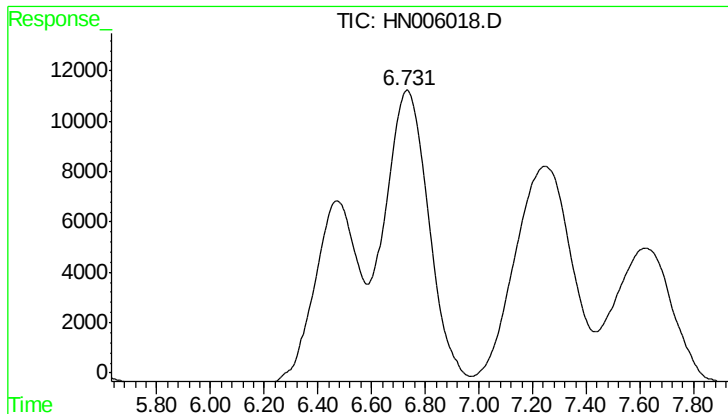
#7 Nitrobenzene

R.T.: 4.838 min  
Delta R.T.: 0.034 min  
Response: 1304243  
Conc: 120.53 ug/L



#8 Tetryl

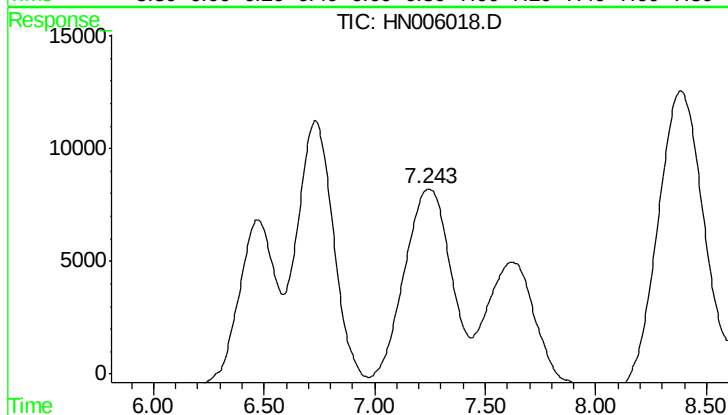
R.T.: 6.472 min  
Delta R.T.: 0.057 min  
Response: 877861  
Conc: 120.27 ug/L



#9 2,4,6-Trinitrotoluene

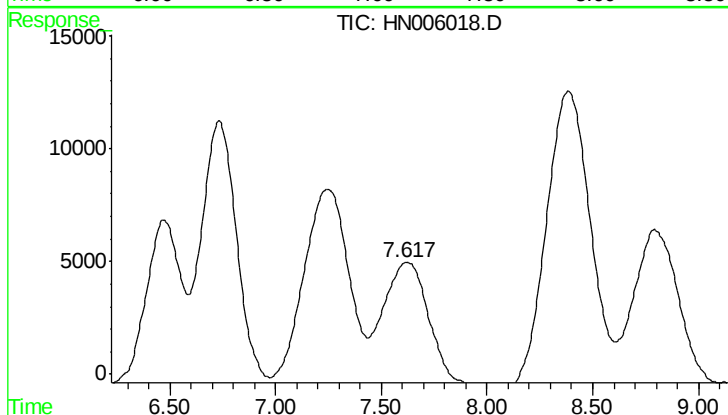
R.T.: 6.733 min  
Delta R.T.: 0.053 min  
Response: 1414465  
Conc: 118.35 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
PB76243BS



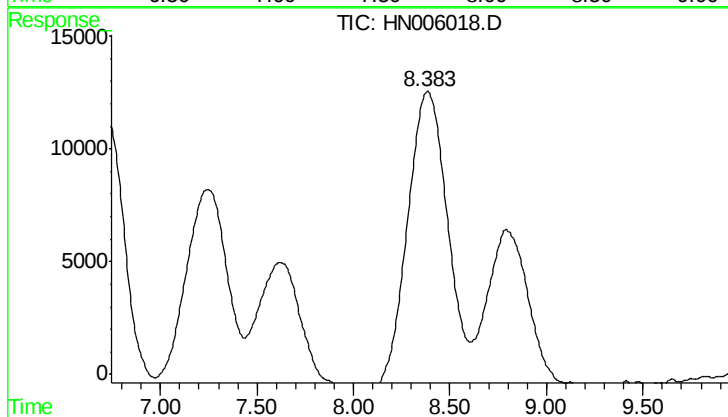
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.246 min  
Delta R.T.: 0.064 min  
Response: 1349747  
Conc: 107.15 ug/L



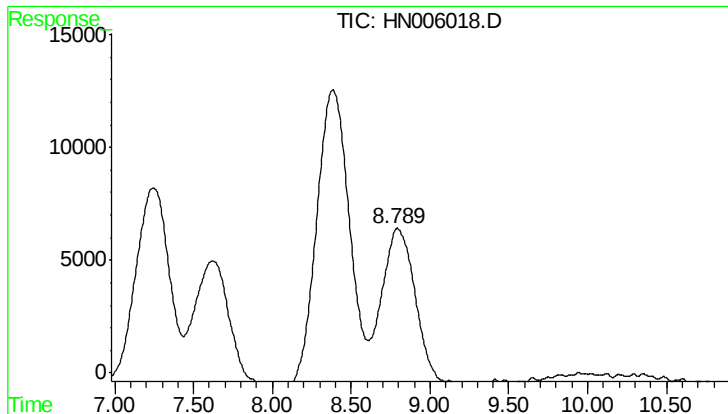
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.617 min  
Delta R.T.: 0.066 min  
Response: 897942  
Conc: 125.02 ug/L m



#12 2,4-Dinitrotoluene

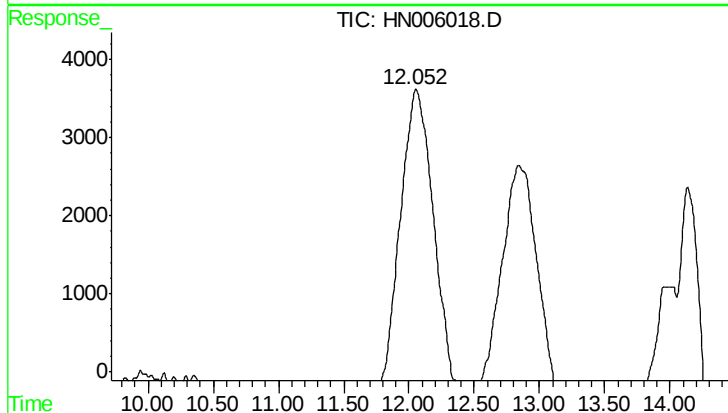
R.T.: 8.385 min  
Delta R.T.: 0.068 min  
Response: 1916906  
Conc: 108.74 ug/L



#13 2,6-Dinitrotoluene

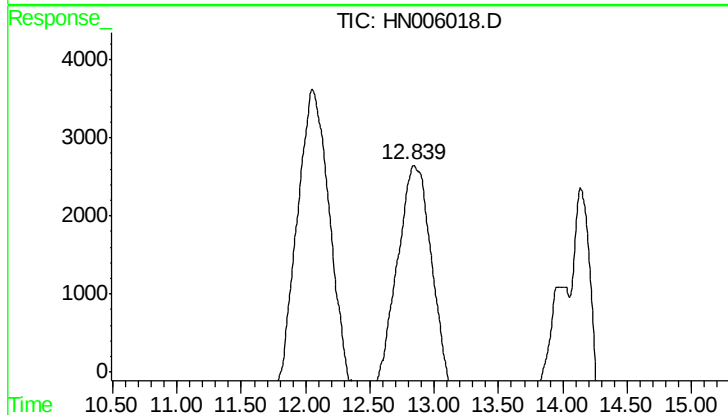
R.T.: 8.795 min  
 Delta R.T.: 0.066 min  
 Response: 1074867  
 Conc: 120.74 ug/L

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 PB76243BS



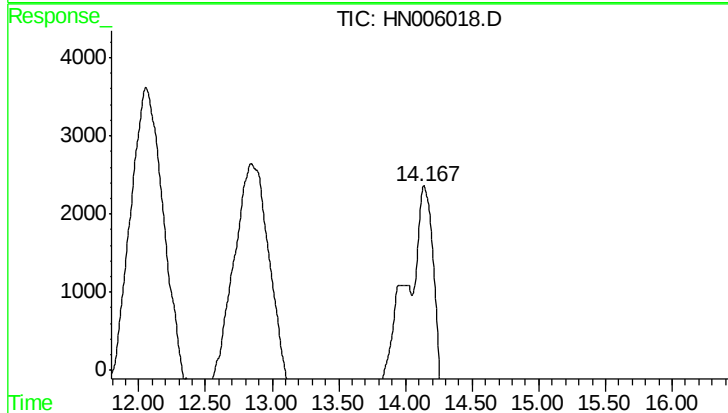
#14 2-Nitrotoluene

R.T.: 12.052 min  
 Delta R.T.: 0.104 min  
 Response: 881590  
 Conc: 125.27 ug/L m



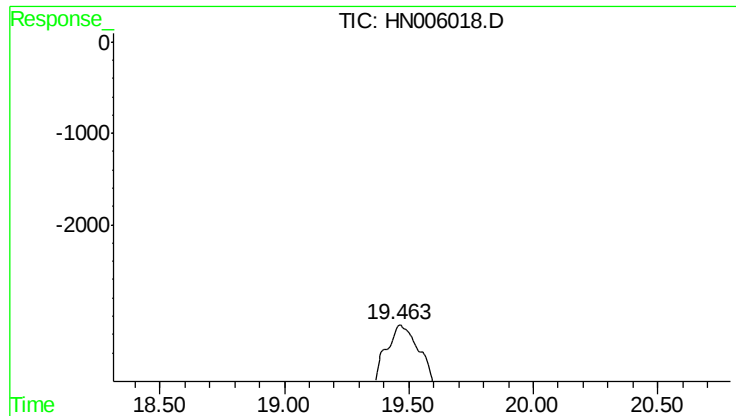
#15 4-Nitrotoluene

R.T.: 12.839 min  
 Delta R.T.: 0.120 min  
 Response: 708501  
 Conc: 126.25 ug/L m



#16 3-Nitrotoluene

R.T.: 14.167 min  
 Delta R.T.: 0.097 min  
 Response: 1526366  
 Conc: 107.20 ug/L m



#17 PETN

R.T.: 19.463 min  
Delta R.T.: 0.104 min  
Response: 1219916  
Conc: 130.18 ug/L m

Instrument :  
HPLC\_N  
ClientSampleId :  
PB76243BS