

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN042914\  
 Data File : HN005988.D  
 Signal(s) : VWD1A.CH  
 Acq On : 29-Apr-2014, 18:28  
 Operator : HNP  
 Sample : F2114-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 SS26-AS0409-1MSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 30 11:35:24 2014  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN042814.M  
 Quant Title :  
 QLast Update : Tue Apr 29 09:06:37 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            | 1.367   | 680875   | 163.739 ug/L   |
| Target Compounds               |         |          |                |
| 2) T HMX                       | 0.911   | 528706   | 103.590 ug/L m |
| 3) T RDX                       | 1.755   | 692735   | 117.684 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.767   | 1290265  | 108.929 ug/L   |
| 5) T 1,3-Dinitrobenzene        | 3.659   | 1989850  | 110.169 ng/mlm |
| 6) T 3,5-Dinitroaniline        | 4.035   | 1537822  | 112.908 ug/L m |
| 7) T Nitrobenzene              | 4.888   | 1269504  | 116.814 ug/L m |
| 8) T Tetryl                    | 6.529   | 893666   | 109.539 ug/L m |
| 9) T 2,4,6-Trinitrotoluene     | 6.803   | 1308319  | 107.634 ug/L m |
| 10) T 2-Amino-4,6-dinitroto... | 7.303   | 1314667  | 106.532 ug/L m |
| 11) T 4-Amino-2,6-dinitroto... | 7.686   | 785378   | 112.635 ug/L m |
| 12) T 2,4-Dinitrotoluene       | 8.473f  | 1869984  | 109.702 ug/L m |
| 13) T 2,6-Dinitrotoluene       | 8.892   | 1057538  | 121.130 ug/L m |
| 14) T 2-Nitrotoluene           | 12.175f | 823625   | 124.538 ug/L m |
| 15) T 4-Nitrotoluene           | 12.949f | 641778   | 121.855 ug/L m |
| 16) T 3-Nitrotoluene           | 14.274f | 1414977  | 65.910 ug/L m  |
| 17) T PETN                     | 19.627  | 1471475  | 165.038 ug/L m |
| -----                          |         |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

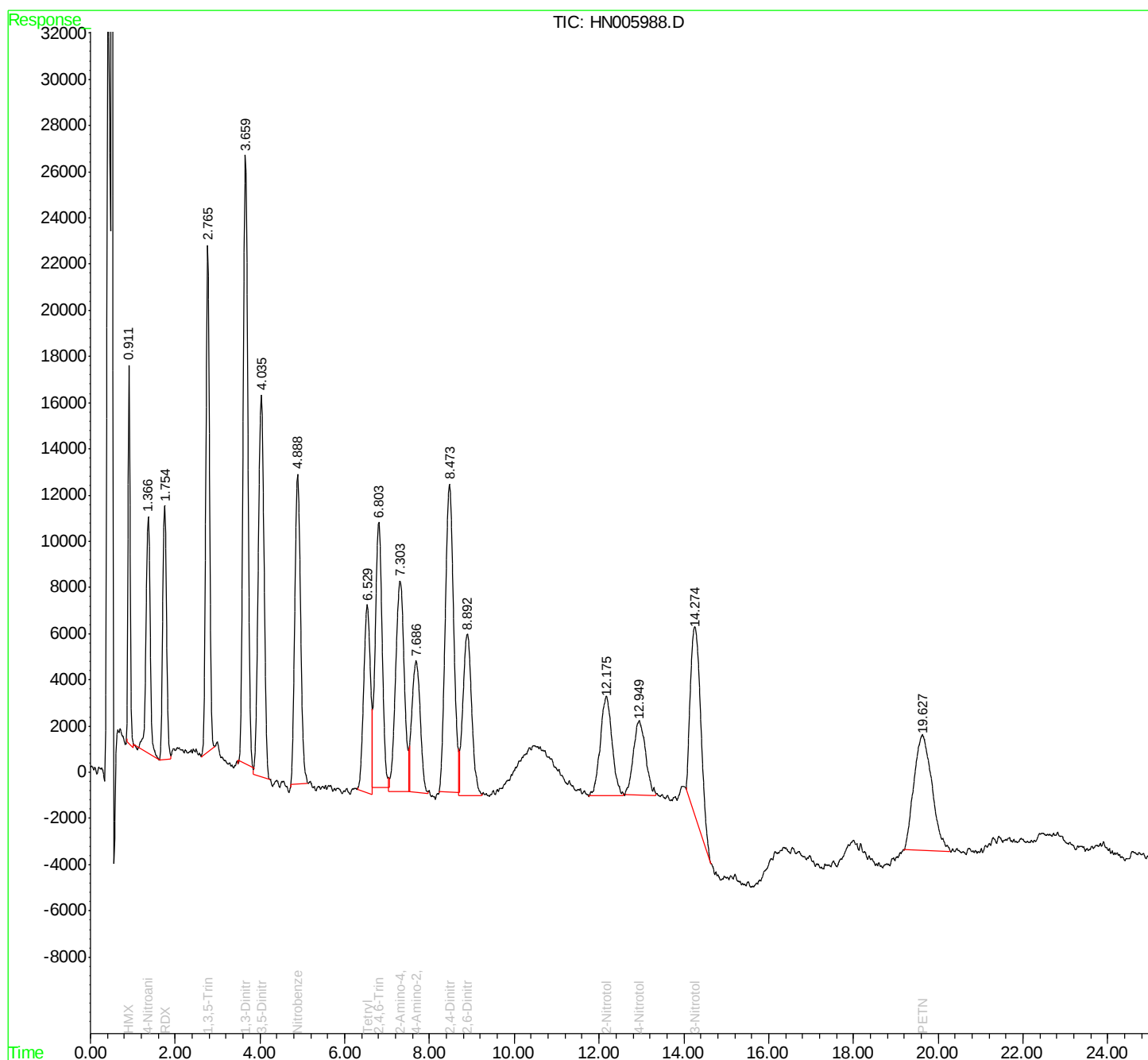
Instrument :  
HPLC\_N  
ClientSampleId :  
SS26-AS0409-1MSD

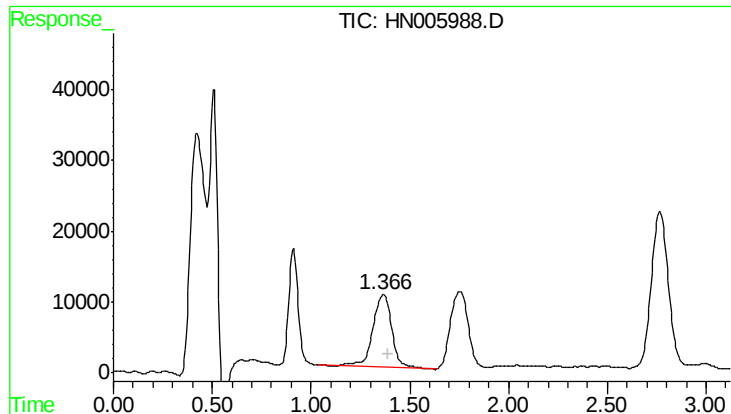
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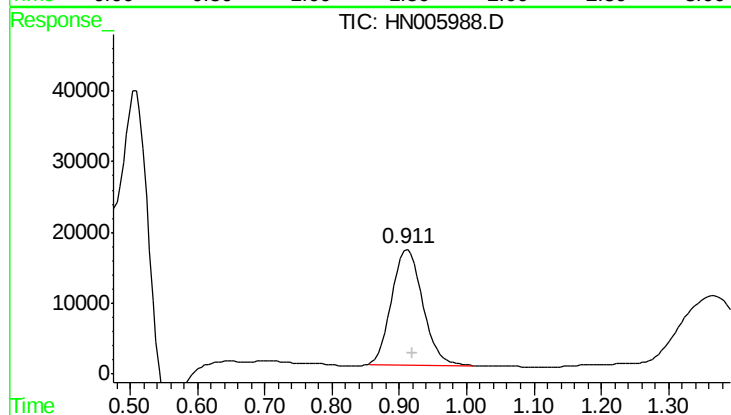
#1 4-Nitroaniline

R.T.: 1.367 min  
Delta R.T.: -0.023 min  
Response: 680875  
Conc: 163.74 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
SS26-AS0409-1MSD

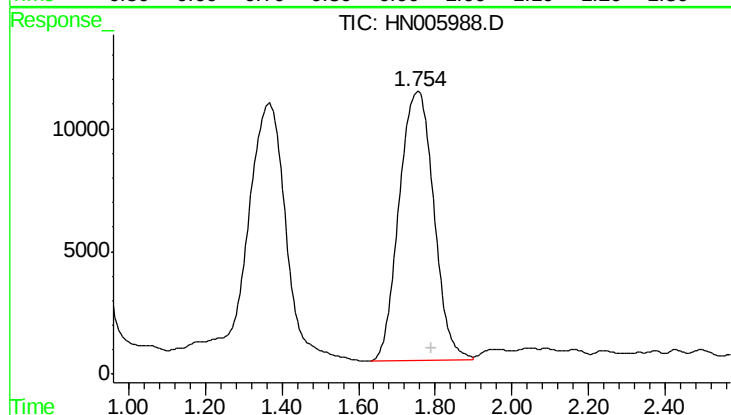
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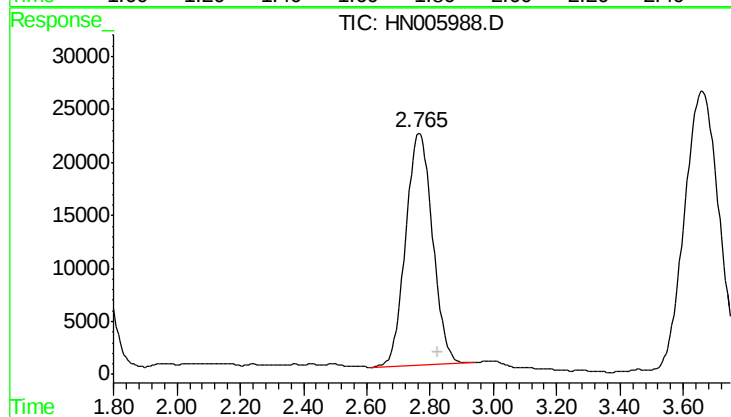
#2 HMX

R.T.: 0.911 min  
Delta R.T.: -0.008 min  
Response: 528706  
Conc: 103.59 ug/L m



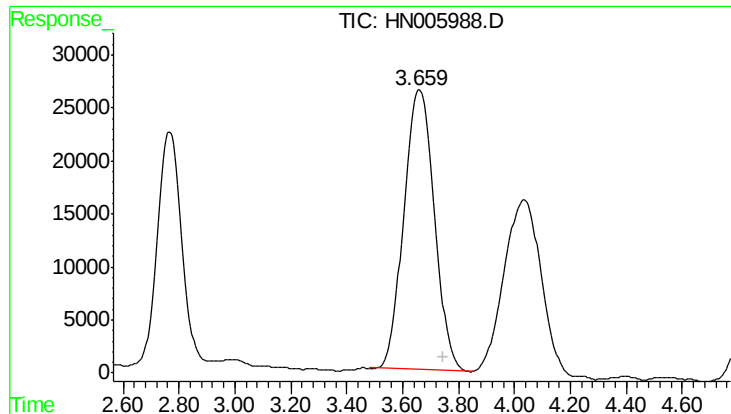
#3 RDX

R.T.: 1.755 min  
Delta R.T.: -0.037 min  
Response: 692735  
Conc: 117.68 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.767 min  
Delta R.T.: -0.059 min  
Response: 1290265  
Conc: 108.93 ug/L



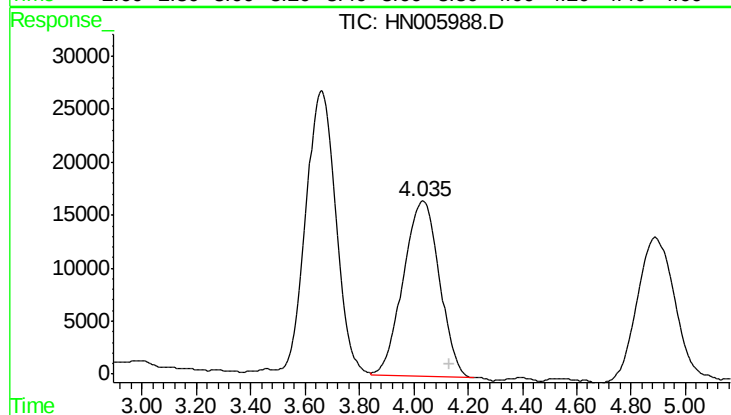
# #5 1,3-Dinitrobenzene

R.T.: 3.659 min  
 Delta R.T.: -0.085 min  
 Response: 1989850  
 Conc: 110.17 ng/ml

Instrument :  
 HPLC\_N  
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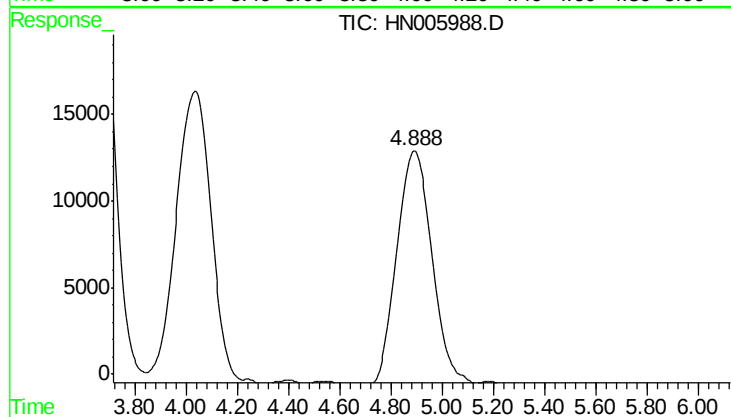
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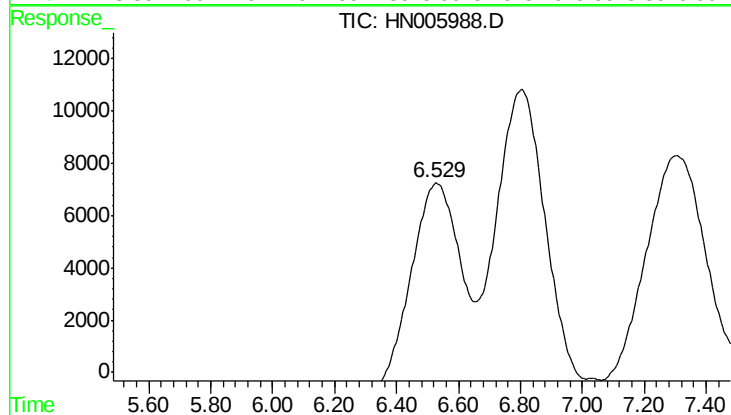
# #6 3,5-Dinitroaniline

R.T.: 4.035 min  
 Delta R.T.: -0.095 min  
 Response: 1537822  
 Conc: 112.91 ug/L m



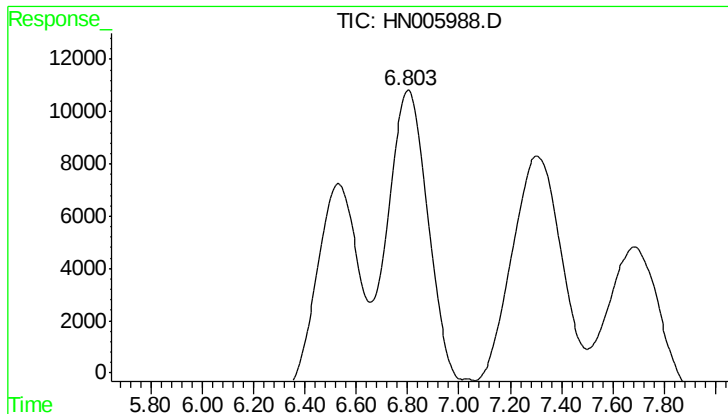
# #7 Nitrobenzene

R.T.: 4.888 min  
 Delta R.T.: -0.123 min  
 Response: 1269504  
 Conc: 116.81 ug/L m



# #8 Tetryl

R.T.: 6.529 min  
 Delta R.T.: -0.233 min  
 Response: 893666  
 Conc: 109.54 ug/L m



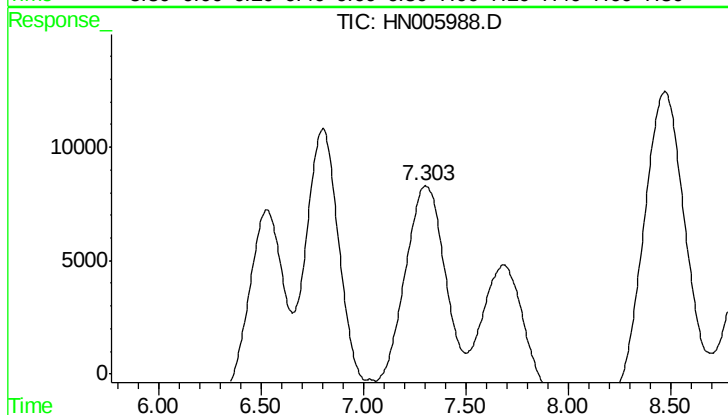
#9 2,4,6-Trinitrotoluene

R.T.: 6.803 min  
Delta R.T.: -0.214 min  
Response: 1308319  
Conc: 107.63 ug/L m

Instrument :  
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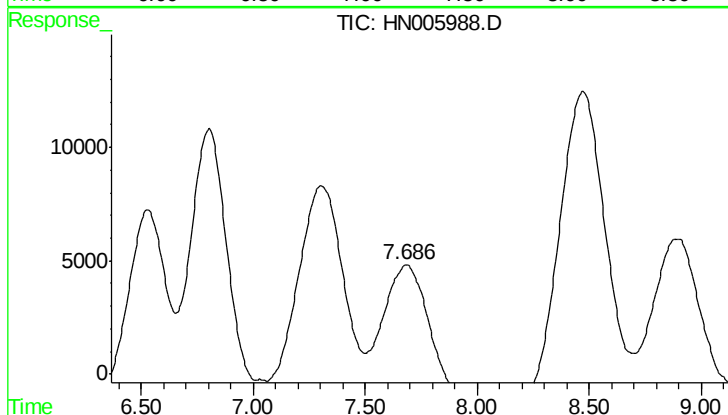
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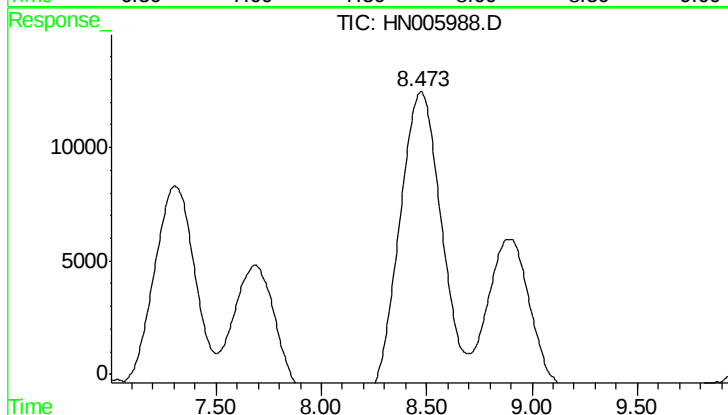
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.303 min  
Delta R.T.: -0.229 min  
Response: 1314667  
Conc: 106.53 ug/L m



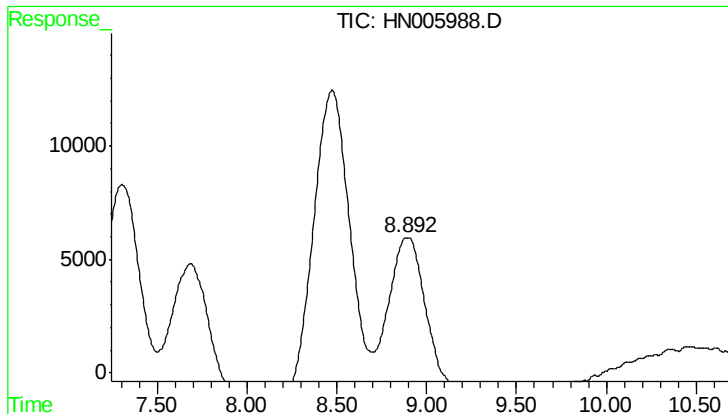
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.686 min  
Delta R.T.: -0.251 min  
Response: 785378  
Conc: 112.64 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.473 min  
Delta R.T.: -0.259 min  
Response: 1869984  
Conc: 109.70 ug/L m



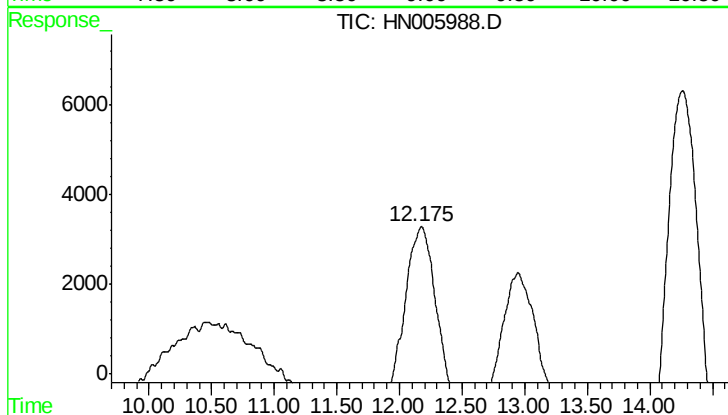
#13 2,6-Dinitrotoluene

R.T.: 8.892 min  
Delta R.T.: -0.282 min  
Response: 1057538  
Conc: 121.13 ug/L m

Instrument :  
HPLC\_N  
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SS26-AS0409-1MSD

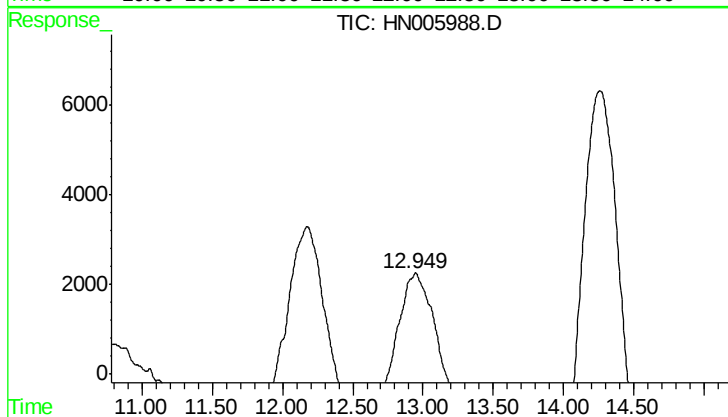
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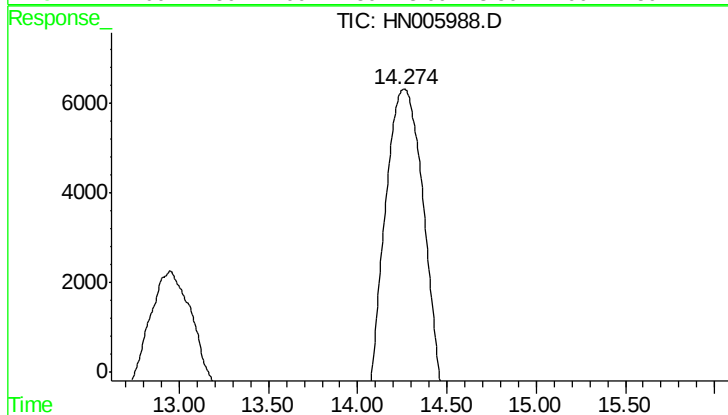
#14 2-Nitrotoluene

R.T.: 12.175 min  
Delta R.T.: -0.375 min  
Response: 823625  
Conc: 124.54 ug/L m



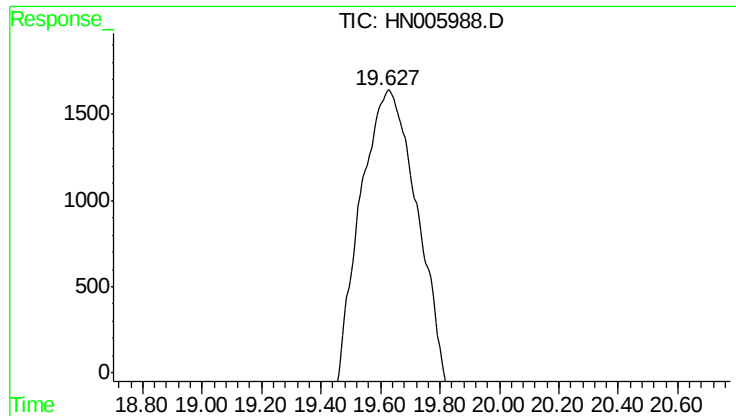
#15 4-Nitrotoluene

R.T.: 12.949 min  
Delta R.T.: -0.404 min  
Response: 641778  
Conc: 121.86 ug/L m



#16 3-Nitrotoluene

R.T.: 14.274 min  
Delta R.T.: -0.437 min  
Response: 1414977  
Conc: 65.91 ug/L m



#17 PETN

R.T.: 19.627 min  
Delta R.T.: -0.716 min  
Response: 1471475  
Conc: 165.04 ug/L m

Instrument :  
HPLC\_N  
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